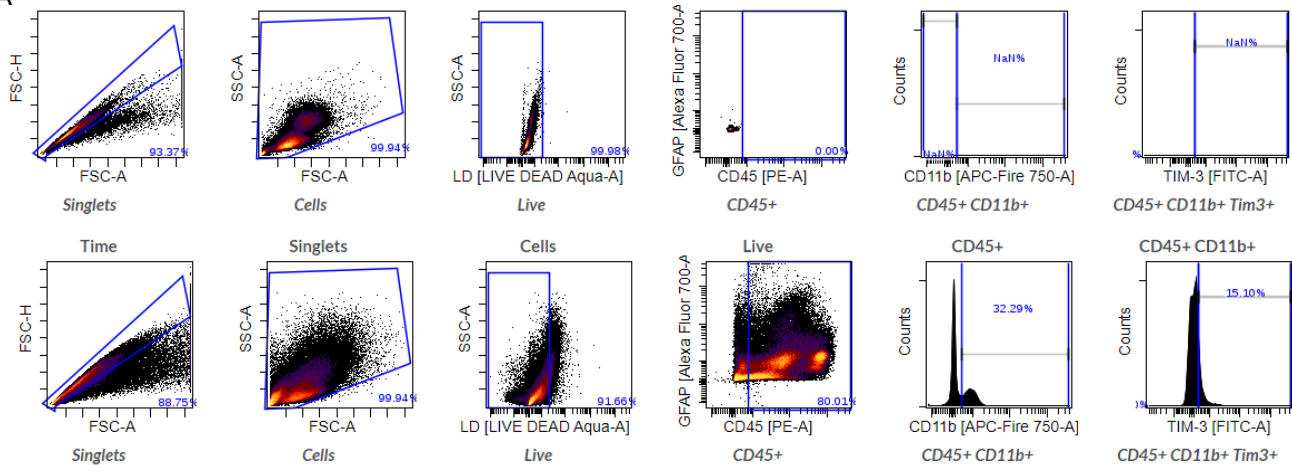
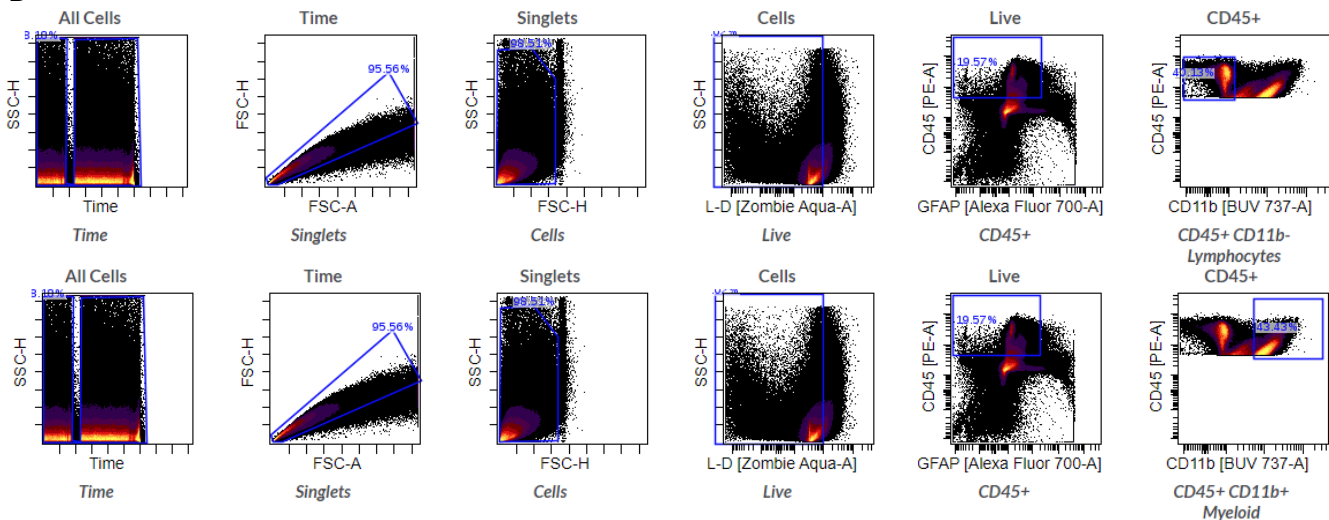


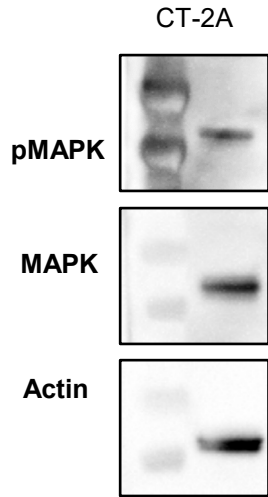
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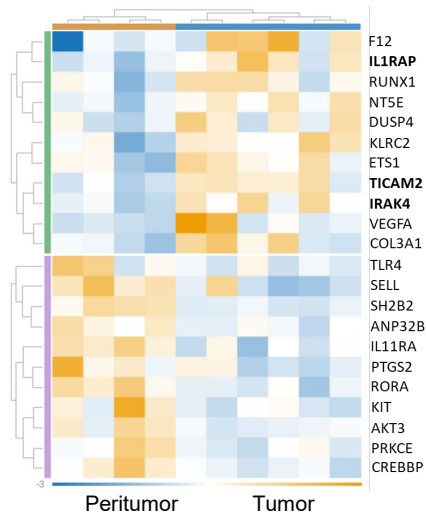
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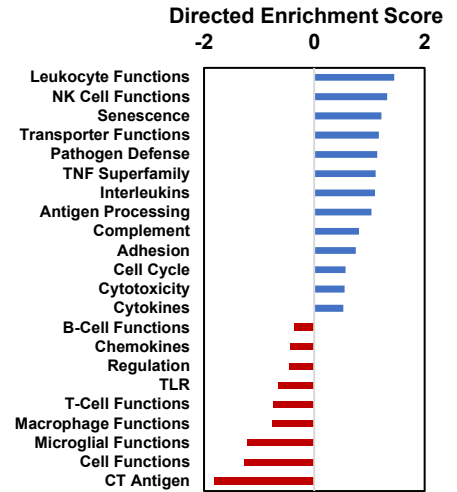
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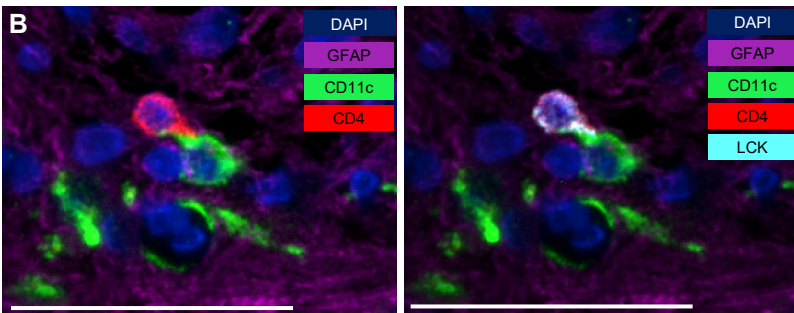
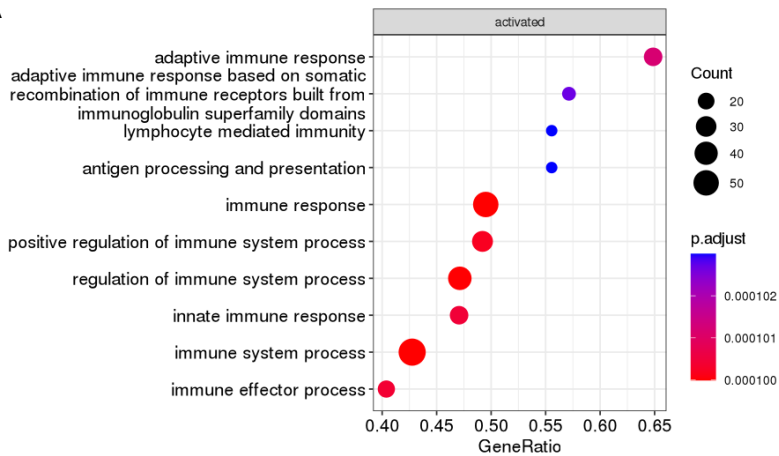


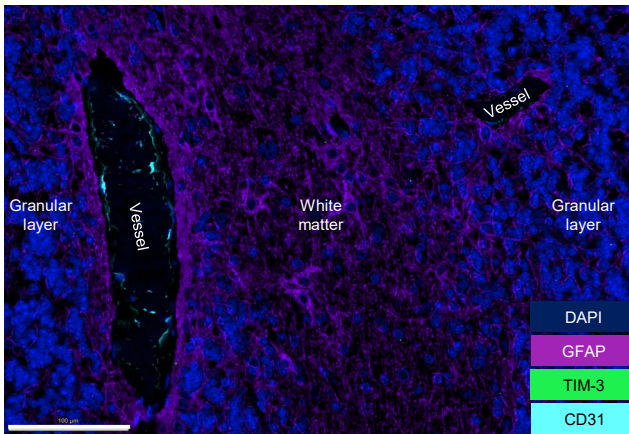
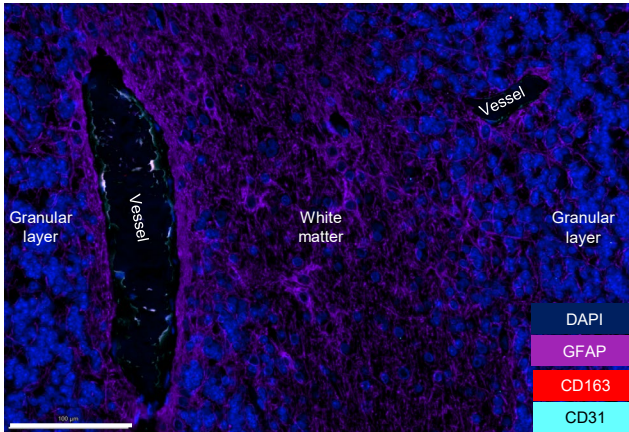
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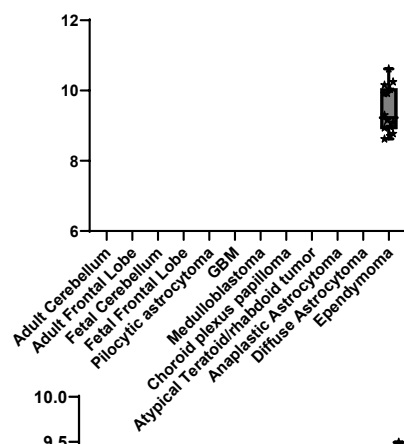
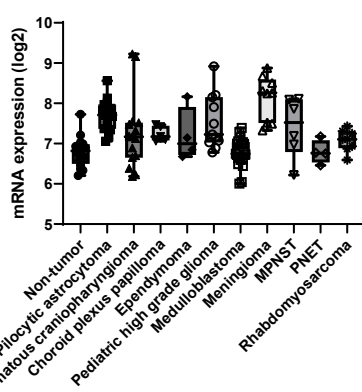
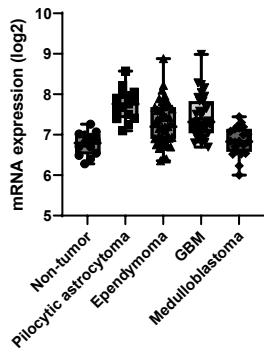
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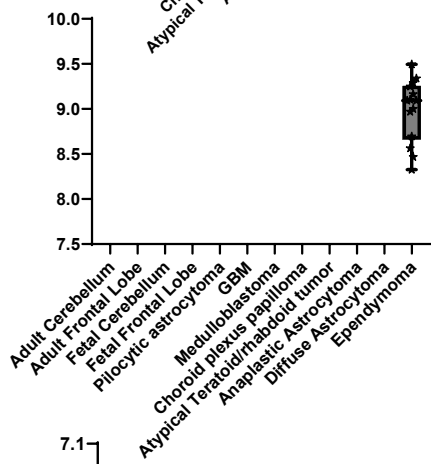
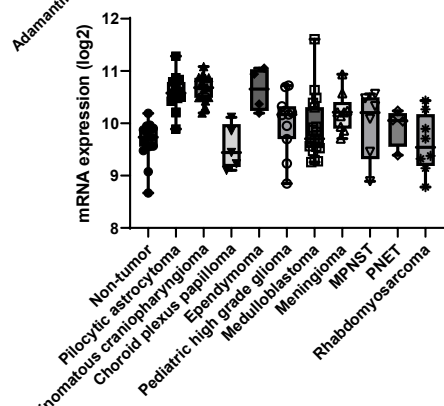
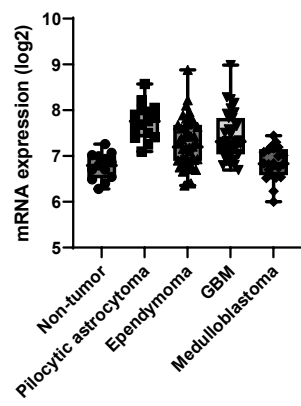
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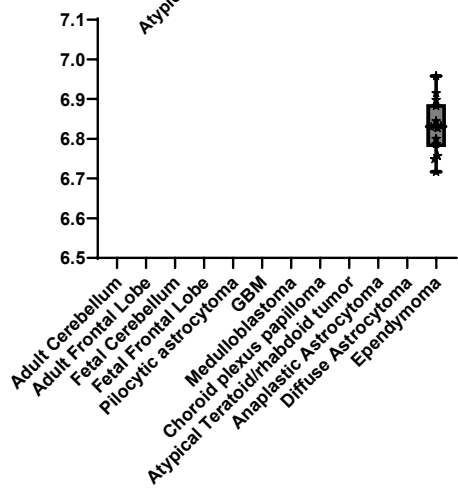
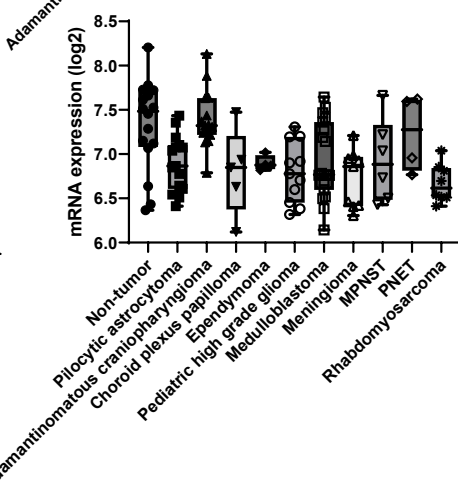
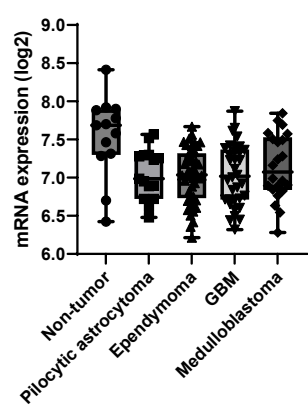
HAVCR2 (TIM3)



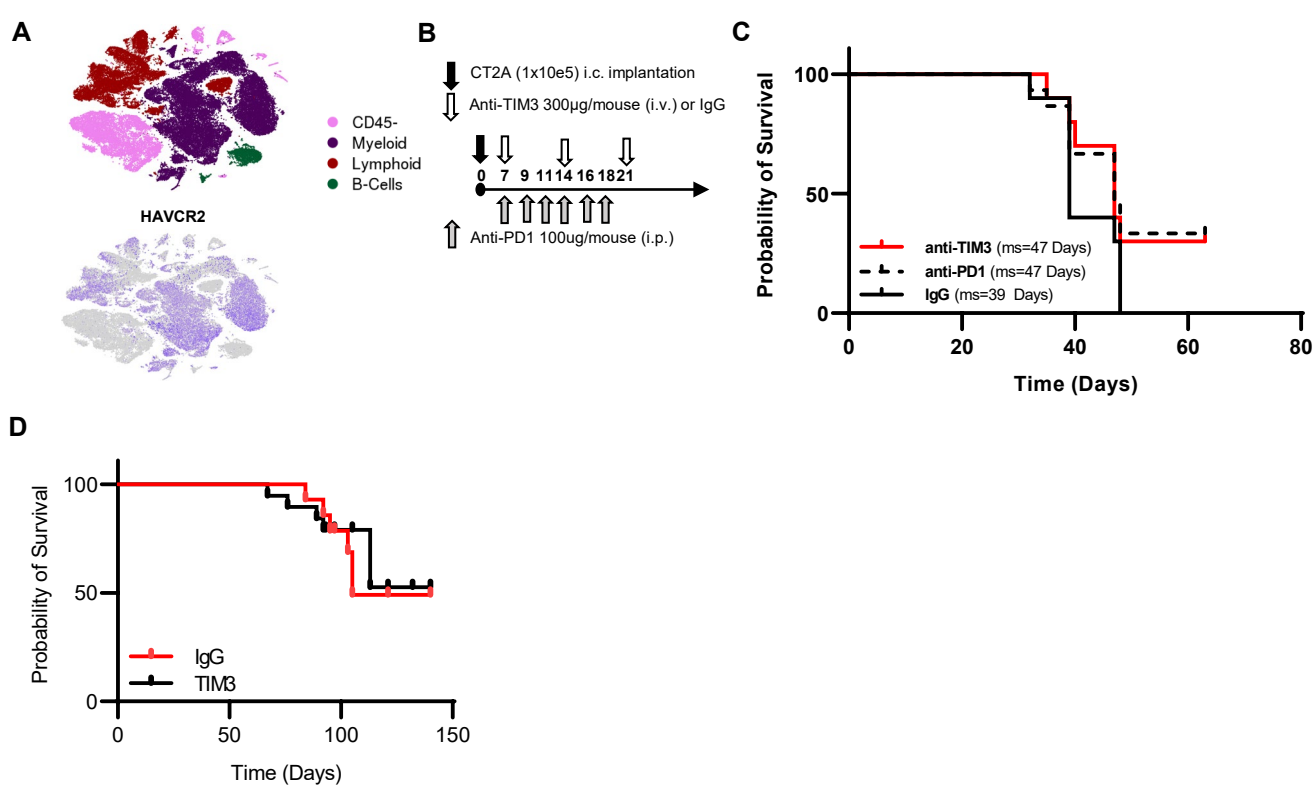
STAT3



PDCD1 (PD-1)



Supplementary Figure 5



Supplementary Figure 1: A) Human immunophenotyping of matched donor PBMC and TIC gating strategy: Top: Unstained pooled samples. Bottom: Representative tumor-infiltrating cells (TIC) from matched pediatric patients. FSC-H vs FSC-A to determine singlets. SSC-A vs FSC-A to determine cells. SSC-A vs LD for negative selection of live cells. The percentage of indicated subpopulation is displayed in blue. LD = Live/Dead fixable viability stain. Myeloid cells are defined as live CD45+, CD11b+. Lymphoid cells are defined as CD45+, CD11b-. B) *Ex vivo* analysis of PA samples. Top: Representative gating of lymphocytes. Bottom: Representative gating of myeloid cells. FSC-H vs FSC-A to determine singlets. SSC-A vs FSC-A to determine cells. SSC-A vs LD for negative selection of live cells. The percentage of indicated subpopulation is displayed in blue. LD = Live/Dead fixable viability stain. Myeloid cells are defined as live CD45+, CD11b+. Lymphoid cells are defined as CD45+, CD11b-

Supplementary Figure 2: A) Western plot of CT-2A cells showing p-MAPK expression. B) Nanostring analysis of tumor and matched peritumoral PA samples. Gene Upregulated in Tumor vs. Peritumor using unsupervised hierarchical clustering method. C) Directed Enrichment Score (DES) of tumor vs. peritumor.

Supplementary Figure 3: A) Gene Ontology analysis between BRAF-Fusion and ANB. Bubble plot depicting immune-related gene ontology (GO) analysis of intratumoral myeloid-derived cells from BRAF-Fusion compared to ANB. Each bubble represents a GO term, the bubble size corresponds to the gene ratio and the color indicates the P-value. B) Multiplex immunofluorescent imaging demonstrating an immunological synapse present in BRAF-Fusion PA. CD4: red; CD11c: green; LCK: cyan blue. Scale bars at 50 μ m.

Supplementary Figure 4: Representative spatial multiplex immunofluorescence images of the adjacent normal brain showing the absence of TIM-3 and CD163 expression. The vessels and anatomical layers of the normal cerebellar cortex (granular and white matter layers) are annotated. Scale bars at 100 μ m.

Supplementary Figure 5: mRNA expression of HAVCR2, STAT3, and PDCD1 of all tumor types from 3 public databases (Griesinger, Gump, and Henriquez). mRNA expression levels are displayed after the Log2 transformation.

Supplementary Figure 6: In vivo therapeutic effects of anti-TIM3 in the CT-2A glioma model. A) UMAP and feature plot showing the HAVCR2 (TIM3) expression within the CT2A model. B)

Schema of the treatment of immunocompetent C57BL/6 mice that underwent intracerebral implantation of CT-2A glioma cells. Mice were treated with either anti-TIM3 (300ug/mouse) or IgG (100ug/mouse) once per week or anti-PD1 (100 ug/mouse) 3 times weekly starting on Day 7 after implantation. C) The survival rate of high-grade glioma-bearing C57BL/6 mice implanted were estimated by the Kaplan–Meier method. IgG Control: 10 mice (MS: 39 d), anti-PD-1: 10 mice (MS: 47 d), anti-TIM3: 10 mice (MS: 47d). Statistics (log-rank test): control versus anti-PD-1 $p = 0.11$, control versus anti-TIM3 $p=0.14$, anti-PD-1 vs anti-TIM3 $p = 0.95$. D) The survival rate of low-grade glioma CD8 KO GEMM mice was estimated by the Kaplan–Meier method. IgG Control: 14 mice (MS: 105d), anti-TIM3: 19 mice (MS: undefined). Statistics (log-rank test): control versus anti-TIM3 $p = 0.66$.

Supplementary Table 1. Antibodies used for Lunaphore COMET™ multiplex immunofluorescence

Marker	Manufacturer	Catalogue number	Clone	Dilution
GFAP	Abcam	Ab68428	EPR1034Y	1/2000
CD31	Abcam	Ab225883	EPR17259	1/1500
CD3	Dako Agilent	M7254	F7.2.38	1/50
CD4	Abcam	Ab133616	EPR6855	1/500
CD8	Leica	PA0183	4B11	No dilution needed
P2YR12	Atlas Antibodies	HPA014518	Polyclonal	1/1000
CD68	Dako Agilent	M0876	PG-M1	No dilution needed
CD163	Abcam	Ab182422	EPR19518	1/600
p-STAT3	Cell signaling	9145S	(Tyr705) D3A7 XP®	1/250
NKG7	Cell signaling	84835	E6S2A	1/100
pERK1/2	Cell signaling	4370	D13.14.4E	1/1700
PD1	Abcam	Ab137132	EPR4877(2)	1/400
PDL-1	GenomeMe	IHC411-1	IHC411	1/100
Granzyme A	Thermofisher	MA5-24105	356412	1/100
TIM3	Abcam	Ab241332	EPR22241	1/100
HLA-DR	Abcam	Ab237712	CAL49	1/100
LCK	Cell signaling	2984S	D88 XP	1/100
CSF1R	Abcam	Ab183316	SP211	1/700
CD206	Abcam	Ab64693	Polyclonal	1/1000
CD11c	Abcam	Ab52632	EP1347Y	1/300
CX3CR1	Abcam	Ab8020	Polyclonal	1/100
TMEM119	Abcam	Ab185333	Polyclonal	1/150
NKG2D	Novus Bio	NB100-65956	1D11	1/500
CD56	Cell signaling	99746	E7X9M XP®	1/100
GFAP	Sigma	MAB360	GA5	1/2000
CD8	Cell signaling	98941	D4W2Z	1/500
CD4	Abcam	Ab183685	EPR19514	1/500
CD11c	Cell signaling	97585	D1V9Y	1/300
CD68	Santa Cruz	Sc-20060	KP1	1/200

P2RY12	Cell signaling	69766	E9J1J	1/100
TMEM119	Abcam	Ab209064	28-3	1/100

Supplementary Table 2. Antibodies Used For Flow Cytometry

MARKER	Color/Format	Cytek Channel	Peak	Supplier	Catalog
IFN-GAMMA	Brilliant Blue 700	B9		BD Biosciences	566394
GFAP	Alexa Fluor 700	R4		Novus Biologicals	NB120-10062AF700
TNF-ALPHA	Brilliant Violet 605	V10		BioLegend	502936
TIM-3	FITC	B2		BioLegend	345022
CD45	PE	B4		BioLegend	368510
CD11B	APC-Fire 750	R7		BioLegend	301420
STAT3 (PY705)	Alexa Fluor 647	R2		BioLegend	651008
FIXABLE LIVE/DEAD	Live/Dead Fix Aqua	V7		Invitrogen	L34957

Supplementary Table 3: DEGs for Figure 2B

	p_val	avg_log2FC	pct.1	pct.2	p_val_adj	cluster	gene
APOE	0	2.250672	0.921	0.349	0	Myeloid	APOE
PLXDC2	0	2.194966	0.935	0.261	0	Myeloid	PLXDC2
CCL3	0	2.174516	0.87	0.458	0	Myeloid	CCL3
RHOB	0	2.162996	0.826	0.325	0	Myeloid	RHOB
HLA-DRA	0	2.148236	0.927	0.394	0	Myeloid	HLA-DRA
SPP1	0	2.140058	0.832	0.349	0	Myeloid	SPP1
TEX14	0	2.139177	0.758	0.351	0	Myeloid	TEX14
C1QA	0	2.115116	0.881	0.284	0	Myeloid	C1QA
CEBPD	0	2.103503	0.871	0.384	0	Myeloid	CEBPD
SERPINE1	0	2.095261	0.415	0.109	0	Myeloid	SERPINE1
C1QC	0	2.092548	0.903	0.308	0	Myeloid	C1QC
SLC1A3	0	2.088672	0.765	0.155	0	Myeloid	SLC1A3
CH25H	0	2.070111	0.472	0.14	0	Myeloid	CH25H
SGK1	0	2.066046	0.862	0.318	0	Myeloid	SGK1
APOC1	0	2.034669	0.784	0.232	0	Myeloid	APOC1
DOCK4	0	2.025271	0.897	0.259	0	Myeloid	DOCK4
CST3	0	1.983832	0.902	0.274	0	Myeloid	CST3
OLR1	0	1.977512	0.791	0.182	0	Myeloid	OLR1
C1QB	0	1.973102	0.893	0.314	0	Myeloid	C1QB
CXCL8	0	1.931676	0.505	0.149	0	Myeloid	CXCL8
CCL3L1	0	1.912223	0.741	0.306	0	Myeloid	CCL3L1
CD83	0	1.907267	0.912	0.371	0	Myeloid	CD83
HLA-DRB1	0	1.901291	0.909	0.421	0	Myeloid	HLA-DRB1
SAT1	0	1.897366	0.971	0.651	0	Myeloid	SAT1
PDK4	0	1.877223	0.612	0.166	0	Myeloid	PDK4
CD74	0	1.862844	0.991	0.806	0	Myeloid	CD74
FRMD4A	0	1.856445	0.778	0.225	0	Myeloid	FRMD4A
CSF1R	0	1.852967	0.801	0.178	0	Myeloid	CSF1R
C3	0	1.828166	0.889	0.249	0	Myeloid	C3
IL1B	0	1.804598	0.649	0.217	0	Myeloid	IL1B
RAB31	0	1.796674	0.758	0.162	0	Myeloid	RAB31
RNASET2	0	1.792564	0.901	0.42	0	Myeloid	RNASET2
TREM2	0	1.790738	0.734	0.166	0	Myeloid	TREM2
HLA-DPA1	0	1.779336	0.878	0.473	0	Myeloid	HLA-DPA1
CCL4L2	0	1.772507	0.786	0.486	0	Myeloid	CCL4L2
ARHGAP24	0	1.743484	0.724	0.16	0	Myeloid	ARHGAP24
APOC2	0	1.734765	0.64	0.208	0	Myeloid	APOC2
LRMDA	0	1.726793	0.754	0.176	0	Myeloid	LRMDA
TYROBP	0	1.70698	0.911	0.38	0	Myeloid	TYROBP
OTUD1	0	1.706387	0.564	0.147	0	Myeloid	OTUD1
CTSB	0	1.694494	0.918	0.348	0	Myeloid	CTSB
MEF2C	0	1.689744	0.742	0.166	0	Myeloid	MEF2C
CD14	0	1.689657	0.642	0.145	0	Myeloid	CD14
MAFB	0	1.678222	0.597	0.143	0	Myeloid	MAFB
IFI30	0	1.665387	0.691	0.182	0	Myeloid	IFI30

PLAUR	0	1.659903	0.537	0.142	0 Myeloid	PLAUR
IRAK3	0	1.652747	0.657	0.134	0 Myeloid	IRAK3
B3GNT5	0	1.651903	0.626	0.143	0 Myeloid	B3GNT5
SLC11A1	0	1.640793	0.636	0.125	0 Myeloid	SLC11A1
CSF2RA	0	1.640027	0.677	0.125	0 Myeloid	CSF2RA
SRGAP2	0	1.618817	0.726	0.192	0 Myeloid	SRGAP2
IER3	0	1.618063	0.771	0.261	0 Myeloid	IER3
FGD4	0	1.611243	0.683	0.154	0 Myeloid	FGD4
CLEC7A	0	1.606003	0.627	0.126	0 Myeloid	CLEC7A
ACSL1	0	1.596709	0.664	0.192	0 Myeloid	ACSL1
NR4A1	0	1.588517	0.79	0.365	0 Myeloid	NR4A1
EPB41L2	0	1.586369	0.737	0.182	0 Myeloid	EPB41L2
GPR34	0	1.585805	0.64	0.139	0 Myeloid	GPR34
FCER1G	0	1.58354	0.817	0.257	0 Myeloid	FCER1G
CD68	0	1.580537	0.706	0.156	0 Myeloid	CD68
LILRB4	0	1.578333	0.665	0.123	0 Myeloid	LILRB4
GSN	0	1.573368	0.777	0.198	0 Myeloid	GSN
C5AR1	0	1.570611	0.521	0.096	0 Myeloid	C5AR1
NLRP3	0	1.550699	0.521	0.134	0 Myeloid	NLRP3
LHFPL2	0	1.548393	0.641	0.132	0 Myeloid	LHFPL2
MS4A7	0	1.547666	0.688	0.145	0 Myeloid	MS4A7
MARCKS	0	1.540078	0.732	0.173	0 Myeloid	MARCKS
HLA-DPB1	0	1.535929	0.805	0.442	0 Myeloid	HLA-DPB1
NPC2	0	1.53233	0.805	0.297	0 Myeloid	NPC2
SLC8A1	0	1.531294	0.712	0.161	0 Myeloid	SLC8A1
FCGRT	0	1.52816	0.71	0.179	0 Myeloid	FCGRT
AIF1	0	1.52721	0.785	0.224	0 Myeloid	AIF1
HTRA1	0	1.516189	0.629	0.138	0 Myeloid	HTRA1
C3AR1	0	1.50332	0.635	0.144	0 Myeloid	C3AR1
TBXAS1	0	1.494092	0.719	0.165	0 Myeloid	TBXAS1
PLD4	0	1.492758	0.619	0.122	0 Myeloid	PLD4
SLC2A5	0	1.492144	0.619	0.121	0 Myeloid	SLC2A5
MEF2A	0	1.49204	0.786	0.258	0 Myeloid	MEF2A
HLA-DQA1	0	1.491944	0.645	0.211	0 Myeloid	HLA-DQA1
ST6GALNAC3	0	1.490544	0.557	0.136	0 Myeloid	ST6GALNAC3
CD86	0	1.489248	0.637	0.126	0 Myeloid	CD86
MSR1	0	1.481348	0.579	0.122	0 Myeloid	MSR1
FTL	0	1.480334	0.974	0.897	0 Myeloid	FTL
CD163	0	1.47778	0.348	0.066	0 Myeloid	CD163
EGR1	0	1.477058	0.819	0.436	0 Myeloid	EGR1
OGFRL1	0	1.475352	0.672	0.189	0 Myeloid	OGFRL1
LPCAT2	0	1.469777	0.66	0.136	0 Myeloid	LPCAT2
P2RY12	0	1.46369	0.525	0.107	0 Myeloid	P2RY12
CXCL16	0	1.459314	0.643	0.132	0 Myeloid	CXCL16
FPR1	0	1.456569	0.63	0.132	0 Myeloid	FPR1
HSPA1A	0	1.452448	0.727	0.41	0 Myeloid	HSPA1A
JDP2	0	1.420713	0.571	0.109	0 Myeloid	JDP2

LINC00910	0	1.419842	0.536	0.252	0 Myeloid	LINC00910
HMOX1	0	1.415688	0.547	0.11	0 Myeloid	HMOX1
TRIB1	0	1.415501	0.515	0.115	0 Myeloid	TRIB1
PADI2	0	1.410733	0.581	0.142	0 Myeloid	PADI2
LDLRAD4	0	1.409978	0.822	0.396	0 Myeloid	LDLRAD4
NEAT1	0	1.405777	0.904	0.556	0 Myeloid	NEAT1
HLA-DQB1	0	1.403519	0.74	0.265	0 Myeloid	HLA-DQB1
KCNQ3	0	1.403007	0.503	0.107	0 Myeloid	KCNQ3
BASP1	0	1.400801	0.563	0.138	0 Myeloid	BASP1
AC245014.	0	1.396521	0.441	0.146	0 Myeloid	AC245014.3
HLA-DMA	0	1.394419	0.711	0.237	0 Myeloid	HLA-DMA
CYFIP1	0	1.3907	0.662	0.153	0 Myeloid	CYFIP1
SPI1	0	1.383026	0.687	0.15	0 Myeloid	SPI1
HLA-DRB5	0	1.375406	0.694	0.301	0 Myeloid	HLA-DRB5
ETS2	0	1.369148	0.64	0.165	0 Myeloid	ETS2
ADAM28	0	1.366719	0.595	0.119	0 Myeloid	ADAM28
PSAP	0	1.364772	0.895	0.498	0 Myeloid	PSAP
GRN	0	1.362501	0.669	0.177	0 Myeloid	GRN
TMEM176E	0	1.360024	0.541	0.111	0 Myeloid	TMEM176B
IL18	0	1.354643	0.591	0.115	0 Myeloid	IL18
CPVL	0	1.353774	0.588	0.117	0 Myeloid	CPVL
FCGR2A	0	1.350973	0.627	0.13	0 Myeloid	FCGR2A
ELL2	0	1.350917	0.79	0.453	0 Myeloid	ELL2
AL163541.1	0	1.346346	0.382	0.065	0 Myeloid	AL163541.1
VSIG4	0	1.344518	0.533	0.103	0 Myeloid	VSIG4
BHLHE41	0	1.343474	0.539	0.106	0 Myeloid	BHLHE41
A2M	0	1.340734	0.752	0.247	0 Myeloid	A2M
PALD1	0	1.339011	0.555	0.106	0 Myeloid	PALD1
CSF3R	0	1.33713	0.559	0.087	0 Myeloid	CSF3R
FCGR1A	0	1.335739	0.509	0.097	0 Myeloid	FCGR1A
SRGAP2B	0	1.335412	0.525	0.117	0 Myeloid	SRGAP2B
AL078590.1	0	1.322104	0.44	0.082	0 Myeloid	AL078590.2
QKI	0	1.321878	0.78	0.302	0 Myeloid	QKI
GLUL	0	1.31016	0.761	0.276	0 Myeloid	GLUL
SYNDIG1	0	1.309541	0.426	0.079	0 Myeloid	SYNDIG1
MS4A6A	0	1.303857	0.541	0.123	0 Myeloid	MS4A6A
LNCAROD	0	1.30362	0.46	0.087	0 Myeloid	LNCAROD
KLF4	0	1.301458	0.51	0.11	0 Myeloid	KLF4
ASAH1	0	1.298692	0.675	0.232	0 Myeloid	ASAH1
SPTLC2	0	1.298174	0.6	0.189	0 Myeloid	SPTLC2
SLCO2B1	0	1.294741	0.546	0.105	0 Myeloid	SLCO2B1
SERPINA1	0	1.289204	0.543	0.119	0 Myeloid	SERPINA1
TLR2	0	1.288043	0.512	0.09	0 Myeloid	TLR2
GPR183	0	1.282458	0.645	0.305	0 Myeloid	GPR183
RHBDF2	0	1.276774	0.654	0.193	0 Myeloid	RHBDF2
BCL2A1	0	1.267317	0.506	0.198	0 Myeloid	BCL2A1
CSGALNAC	0	1.255243	0.516	0.132	0 Myeloid	CSGALNACT1

MAML3	0	1.253811	0.558	0.138	0 Myeloid	MAML3
EGR2	0	1.247233	0.505	0.153	0 Myeloid	EGR2
LIMS1	0	1.245789	0.689	0.275	0 Myeloid	LIMS1
IFNGR2	0	1.2386	0.546	0.118	0 Myeloid	IFNGR2
FOS	0	1.236335	0.971	0.845	0 Myeloid	FOS
CYBB	0	1.233602	0.593	0.128	0 Myeloid	CYBB
KCTD12	0	1.230838	0.58	0.121	0 Myeloid	KCTD12
AC253572.	0	1.2294	0.33	0.121	0 Myeloid	AC253572.2
ST6GAL1	0	1.228151	0.65	0.26	0 Myeloid	ST6GAL1
TMIGD3	0	1.226478	0.396	0.073	0 Myeloid	TMIGD3
IFNGR1	0	1.226334	0.697	0.3	0 Myeloid	IFNGR1
LYN	0	1.224607	0.669	0.198	0 Myeloid	LYN
RBM47	0	1.219996	0.507	0.101	0 Myeloid	RBM47
RNF130	0	1.216938	0.655	0.19	0 Myeloid	RNF130
RAB20	0	1.213765	0.459	0.092	0 Myeloid	RAB20
CD302	0	1.206972	0.573	0.134	0 Myeloid	CD302
GRASP	0	1.20681	0.55	0.181	0 Myeloid	GRASP
SOD2	0	1.205104	0.582	0.296	0 Myeloid	SOD2
CX3CR1	0	1.203322	0.573	0.169	0 Myeloid	CX3CR1
UBE2E2	0	1.189121	0.53	0.118	0 Myeloid	UBE2E2
CEBPB	0	1.186797	0.698	0.354	0 Myeloid	CEBPB
GNAQ	0	1.186553	0.624	0.206	0 Myeloid	GNAQ
C9orf72	0	1.186009	0.576	0.184	0 Myeloid	C9orf72
RIN2	0	1.185243	0.479	0.096	0 Myeloid	RIN2
FCGBP	0	1.183882	0.382	0.115	0 Myeloid	FCGBP
RAC1	0	1.182378	0.826	0.46	0 Myeloid	RAC1
LY86	0	1.181535	0.566	0.116	0 Myeloid	LY86
NFKBID	0	1.17483	0.508	0.143	0 Myeloid	NFKBID
SCIN	0	1.17168	0.556	0.135	0 Myeloid	SCIN
LTC4S	0	1.169949	0.513	0.113	0 Myeloid	LTC4S
ABCA1	0	1.169909	0.401	0.083	0 Myeloid	ABCA1
IL13RA1	0	1.168525	0.532	0.101	0 Myeloid	IL13RA1
SRGAP1	0	1.167896	0.427	0.079	0 Myeloid	SRGAP1
ARHGAP22	0	1.165989	0.449	0.084	0 Myeloid	ARHGAP22
CCL4	0	1.165127	0.852	0.737	0 Myeloid	CCL4
HIF1A	0	1.158682	0.694	0.344	0 Myeloid	HIF1A
FMNL2	0	1.155119	0.482	0.112	0 Myeloid	FMNL2
PEAK1	0	1.151805	0.5	0.153	0 Myeloid	PEAK1
RASSF4	0	1.143693	0.488	0.105	0 Myeloid	RASSF4
IRAK2	0	1.141523	0.462	0.116	0 Myeloid	IRAK2
C1orf162	0	1.141273	0.554	0.161	0 Myeloid	C1orf162
ABCC4	0	1.140545	0.478	0.12	0 Myeloid	ABCC4
CCDC200	0	1.13814	0.251	0.068	0 Myeloid	CCDC200
LYZ	0	1.134986	0.269	0.057	0 Myeloid	LYZ
ZFH3	0	1.134341	0.525	0.118	0 Myeloid	ZFH3
MAP4K3	0	1.134079	0.511	0.145	0 Myeloid	MAP4K3
ITM2B	0	1.131656	0.9	0.757	0 Myeloid	ITM2B

MERTK	0	1.131645	0.409	0.074	0	Myeloid	MERTK
CCL2	0	1.129331	0.339	0.134	0	Myeloid	CCL2
AC084871.	0	1.127165	0.28	0.055	0	Myeloid	AC084871.1
KLF6	0	1.126657	0.896	0.726	0	Myeloid	KLF6
VASH1	0	1.124556	0.473	0.096	0	Myeloid	VASH1
HLA-DMB	0	1.122572	0.542	0.139	0	Myeloid	HLA-DMB
ELMO1	0	1.120743	0.757	0.387	0	Myeloid	ELMO1
PHACTR1	0	1.119125	0.417	0.087	0	Myeloid	PHACTR1
AC007952.	0	1.11675	0.395	0.195	0	Myeloid	AC007952.4
RGS1	0	1.104012	0.841	0.605	0	Myeloid	RGS1
AZIN1-AS1	0	1.103774	0.36	0.087	0	Myeloid	AZIN1-AS1
EGR3	0	1.097945	0.459	0.114	0	Myeloid	EGR3
MFSD1	0	1.09787	0.56	0.16	0	Myeloid	MFSD1
ATF3	0	1.095031	0.584	0.245	0	Myeloid	ATF3
HSPB1	0	1.093091	0.462	0.298	0	Myeloid	HSPB1
DLEU1	0	1.092694	0.543	0.175	0	Myeloid	DLEU1
CTSZ	0	1.08916	0.639	0.214	0	Myeloid	CTSZ
ATP2B1-AS	0	1.087944	0.502	0.174	0	Myeloid	ATP2B1-AS1
HAVCR2	0	1.087041	0.57	0.179	0	Myeloid	HAVCR2
FCGR3A	0	1.084326	0.605	0.206	0	Myeloid	FCGR3A
CTTNBP2	0	1.079987	0.383	0.069	0	Myeloid	CTTNBP2
SOCS6	0	1.075716	0.386	0.069	0	Myeloid	SOCS6
CFD	0	1.075514	0.361	0.058	0	Myeloid	CFD
DBI	0	1.074554	0.721	0.447	0	Myeloid	DBI
DAGLB	0	1.072197	0.432	0.092	0	Myeloid	DAGLB
PTGS2	0	1.071809	0.33	0.073	0	Myeloid	PTGS2
TM6SF1	0	1.071807	0.482	0.093	0	Myeloid	TM6SF1
MANBA	0	1.071718	0.551	0.18	0	Myeloid	MANBA
GNB4	0	1.071361	0.461	0.09	0	Myeloid	GNB4
FTH1	0	1.071323	0.984	0.935	0	Myeloid	FTH1
RGS16	0	1.067563	0.386	0.148	0	Myeloid	RGS16
GAB2	0	1.065479	0.494	0.122	0	Myeloid	GAB2
CTSH	0	1.064254	0.543	0.134	0	Myeloid	CTSH
S100A11	0	1.063722	0.831	0.504	0	Myeloid	S100A11
RGS2	0	1.063371	0.564	0.29	0	Myeloid	RGS2
BMP2K	0	1.062706	0.478	0.111	0	Myeloid	BMP2K
FMN1	0	1.060133	0.407	0.095	0	Myeloid	FMN1
ALOX5	0	1.056253	0.473	0.093	0	Myeloid	ALOX5
NHSL1	0	1.053574	0.324	0.066	0	Myeloid	NHSL1
TMEM107	0	1.051509	0.419	0.184	0	Myeloid	TMEM107
LGMN	0	1.051478	0.425	0.093	0	Myeloid	LGMN
LINC01736	0	1.048749	0.433	0.087	0	Myeloid	LINC01736
CDKN1A	0	1.04611	0.587	0.293	0	Myeloid	CDKN1A
CD81	0	1.043393	0.846	0.623	0	Myeloid	CD81
PLA2G4A	0	1.042821	0.377	0.072	0	Myeloid	PLA2G4A
PLEK	0	1.041043	0.564	0.235	0	Myeloid	PLEK
HSPA1B	0	1.037809	0.667	0.427	0	Myeloid	HSPA1B

LST1	0	1.03641	0.502	0.119	0 Myeloid	LST1
ITGAX	0	1.033723	0.415	0.091	0 Myeloid	ITGAX
BAG3	0	1.033656	0.329	0.141	0 Myeloid	BAG3
ZFP36L1	0	1.032728	0.874	0.628	0 Myeloid	ZFP36L1
SYK	0	1.029759	0.512	0.12	0 Myeloid	SYK
IL1RAP	0	1.02869	0.4	0.096	0 Myeloid	IL1RAP
NR4A3	0	1.028634	0.633	0.36	0 Myeloid	NR4A3
VSIR	0	1.027359	0.72	0.38	0 Myeloid	VSIR
PDGFB	0	1.025614	0.358	0.063	0 Myeloid	PDGFB
NAMPT	0	1.023893	0.543	0.271	0 Myeloid	NAMPT
IGSF6	0	1.022735	0.47	0.094	0 Myeloid	IGSF6
ABL2	0	1.021494	0.385	0.115	0 Myeloid	ABL2
3-Mar	0	1.01908	0.476	0.169	0 Myeloid	3-Mar
ATP8B4	0	1.016438	0.461	0.108	0 Myeloid	ATP8B4
MYO1E	0	1.016103	0.357	0.095	0 Myeloid	MYO1E
RGS10	0	1.014155	0.753	0.412	0 Myeloid	RGS10
CKB	0	1.013347	0.396	0.091	0 Myeloid	CKB
YWHAH	0	1.012689	0.648	0.262	0 Myeloid	YWHAH
USP53	0	1.011669	0.436	0.139	0 Myeloid	USP53
ALDH2	0	1.011522	0.451	0.083	0 Myeloid	ALDH2
SORL1	0	1.009644	0.706	0.322	0 Myeloid	SORL1
IGSF21	0	1.005313	0.4	0.079	0 Myeloid	IGSF21
SERPINB9	0	0.997709	0.638	0.331	0 Myeloid	SERPINB9
NAV3	0	0.996661	0.317	0.061	0 Myeloid	NAV3
CROCC	0	0.99651	0.426	0.199	0 Myeloid	CROCC
RASGEF1B	0	0.990754	0.647	0.302	0 Myeloid	RASGEF1B
GNG7	0	0.986199	0.439	0.098	0 Myeloid	GNG7
ADAP2	0	0.983652	0.439	0.083	0 Myeloid	ADAP2
SHTN1	0	0.980667	0.425	0.079	0 Myeloid	SHTN1
MAP3K8	0	0.979333	0.665	0.358	0 Myeloid	MAP3K8
PILRA	0	0.974436	0.43	0.075	0 Myeloid	PILRA
SRGAP2C	0	0.970193	0.427	0.109	0 Myeloid	SRGAP2C
LGALS9	0	0.96329	0.551	0.178	0 Myeloid	LGALS9
TAL1	0	0.957885	0.327	0.053	0 Myeloid	TAL1
FGL2	0	0.957294	0.423	0.098	0 Myeloid	FGL2
RILPL2	0	0.955881	0.551	0.244	0 Myeloid	RILPL2
ATP6V1B2	0	0.951353	0.476	0.15	0 Myeloid	ATP6V1B2
ITGAV	0	0.950218	0.453	0.135	0 Myeloid	ITGAV
AC020916.	0	0.947695	0.586	0.288	0 Myeloid	AC020916.1
ALOX5AP	0	0.94212	0.747	0.419	0 Myeloid	ALOX5AP
FSCN1	0	0.940514	0.416	0.106	0 Myeloid	FSCN1
HBEGF	0	0.939995	0.3	0.079	0 Myeloid	HBEGF
OLFML3	0	0.939345	0.416	0.092	0 Myeloid	OLFML3
SH3TC1	0	0.938833	0.416	0.091	0 Myeloid	SH3TC1
CTSS	0	0.937875	0.623	0.262	0 Myeloid	CTSS
SDCCAG8	0	0.937218	0.515	0.156	0 Myeloid	SDCCAG8
IPCEF1	0	0.936185	0.509	0.294	0 Myeloid	IPCEF1

P2RY13	0	0.935289	0.344	0.059	0 Myeloid	P2RY13
CEP170	0	0.933777	0.46	0.119	0 Myeloid	CEP170
OXR1	0	0.933381	0.436	0.166	0 Myeloid	OXR1
ABR	0	0.932251	0.54	0.202	0 Myeloid	ABR
LRRK1	0	0.932072	0.338	0.058	0 Myeloid	LRRK1
DSCAM	0	0.931985	0.3	0.056	0 Myeloid	DSCAM
ATP6V0B	0	0.931542	0.657	0.317	0 Myeloid	ATP6V0B
FHIT	0	0.931115	0.434	0.124	0 Myeloid	FHIT
WDR74	0	0.930749	0.428	0.223	0 Myeloid	WDR74
EIF4E	0	0.929983	0.435	0.203	0 Myeloid	EIF4E
AP1B1	0	0.929605	0.543	0.18	0 Myeloid	AP1B1
HDAC9	0	0.929007	0.415	0.12	0 Myeloid	HDAC9
LINC02798	0	0.927745	0.331	0.068	0 Myeloid	LINC02798
KLHL6	0	0.926538	0.432	0.141	0 Myeloid	KLHL6
SLC31A2	0	0.923553	0.377	0.078	0 Myeloid	SLC31A2
RASGEF1C	0	0.91699	0.296	0.049	0 Myeloid	RASGEF1C
CNPY3	0	0.915484	0.658	0.298	0 Myeloid	CNPY3
PELI1	0	0.912599	0.547	0.224	0 Myeloid	PELI1
GAA	0	0.910441	0.426	0.094	0 Myeloid	GAA
SKIL	0	0.909448	0.675	0.356	0 Myeloid	SKIL
SH3RF3	0	0.907677	0.33	0.068	0 Myeloid	SH3RF3
FNIP2	0	0.907235	0.371	0.097	0 Myeloid	FNIP2
SFMBT2	0	0.906236	0.639	0.314	0 Myeloid	SFMBT2
CREG1	0	0.901641	0.458	0.121	0 Myeloid	CREG1
CTTNBP2NL	0	0.896966	0.373	0.07	0 Myeloid	CTTNBP2NL
ZSWIM6	0	0.893763	0.62	0.302	0 Myeloid	ZSWIM6
TIMP2	0	0.892748	0.462	0.108	0 Myeloid	TIMP2
PICALM	0	0.88663	0.686	0.321	0 Myeloid	PICALM
AL691403.1	0	0.886491	0.423	0.146	0 Myeloid	AL691403.1
AC012447.1	0	0.885068	0.336	0.13	0 Myeloid	AC012447.1
ARHGAP6	0	0.884132	0.307	0.056	0 Myeloid	ARHGAP6
CTSL	0	0.884044	0.371	0.088	0 Myeloid	CTSL
SPRED1	0	0.883068	0.319	0.066	0 Myeloid	SPRED1
SLC37A2	0	0.882606	0.305	0.053	0 Myeloid	SLC37A2
RASAL2	0	0.880882	0.354	0.077	0 Myeloid	RASAL2
TMEM119	0	0.879946	0.396	0.08	0 Myeloid	TMEM119
STAB1	0	0.878964	0.347	0.069	0 Myeloid	STAB1
LAT2	0	0.877711	0.48	0.129	0 Myeloid	LAT2
NINJ1	0	0.877	0.509	0.19	0 Myeloid	NINJ1
ERCC1	0	0.87679	0.582	0.257	0 Myeloid	ERCC1
RNF144B	0	0.875802	0.307	0.07	0 Myeloid	RNF144B
CEBPA	0	0.874331	0.357	0.071	0 Myeloid	CEBPA
AC046195.1	0	0.872812	0.276	0.046	0 Myeloid	AC046195.1
AL021155.5	0	0.871046	0.281	0.096	0 Myeloid	AL021155.5
GK	0	0.868714	0.36	0.092	0 Myeloid	GK
DSE	0	0.86829	0.454	0.154	0 Myeloid	DSE
MS4A4A	0	0.867386	0.378	0.079	0 Myeloid	MS4A4A

B4GALT1	0	0.86573	0.605	0.309	0 Myeloid	B4GALT1
GABARAP	0	0.865254	0.79	0.565	0 Myeloid	GABARAP
ALCAM	0	0.864221	0.378	0.114	0 Myeloid	ALCAM
DENND3	0	0.864006	0.426	0.115	0 Myeloid	DENND3
SIGLEC10	0	0.863256	0.352	0.063	0 Myeloid	SIGLEC10
SWAP70	0	0.861767	0.409	0.098	0 Myeloid	SWAP70
AXL	0	0.858074	0.362	0.069	0 Myeloid	AXL
LAIR1	0	0.857824	0.519	0.173	0 Myeloid	LAIR1
HAMP	0	0.854185	0.365	0.103	0 Myeloid	HAMP
ADAM17	0	0.853518	0.461	0.154	0 Myeloid	ADAM17
AL136987.1	0	0.851519	0.295	0.064	0 Myeloid	AL136987.1
ITPR2	0	0.850417	0.603	0.261	0 Myeloid	ITPR2
LINC01374	0	0.850402	0.292	0.05	0 Myeloid	LINC01374
IRF8	0	0.849987	0.434	0.119	0 Myeloid	IRF8
SLC25A37	0	0.849683	0.47	0.134	0 Myeloid	SLC25A37
BIN1	0	0.847593	0.605	0.339	0 Myeloid	BIN1
SKAP2	0	0.840724	0.488	0.149	0 Myeloid	SKAP2
ICAM1	0	0.839849	0.332	0.107	0 Myeloid	ICAM1
GNA13	0	0.836225	0.604	0.298	0 Myeloid	GNA13
NFKB1	0	0.832864	0.604	0.429	0 Myeloid	NFKB1
ETV6	0	0.832854	0.551	0.228	0 Myeloid	ETV6
EPB41L3	0	0.83166	0.358	0.073	0 Myeloid	EPB41L3
DUSP1	0	0.825578	0.943	0.854	0 Myeloid	DUSP1
SSPN	0	0.823982	0.318	0.064	0 Myeloid	SSPN
MCF2L2	0	0.823365	0.366	0.099	0 Myeloid	MCF2L2
CD63	0	0.822935	0.656	0.332	0 Myeloid	CD63
AC131944.1	0	0.819812	0.272	0.063	0 Myeloid	AC131944.1
KCNMA1	0	0.816495	0.271	0.045	0 Myeloid	KCNMA1
TMEM176A	0	0.81625	0.336	0.063	0 Myeloid	TMEM176A
NPL	0	0.816033	0.338	0.069	0 Myeloid	NPL
KHDRBS3	0	0.8154	0.297	0.062	0 Myeloid	KHDRBS3
KDM6B	0	0.810472	0.549	0.295	0 Myeloid	KDM6B
KLF7	0	0.808694	0.332	0.076	0 Myeloid	KLF7
DST	0	0.808438	0.352	0.079	0 Myeloid	DST
CHKA	0	0.806119	0.403	0.117	0 Myeloid	CHKA
IFITM3	0	0.804089	0.465	0.252	0 Myeloid	IFITM3
IRS2	0	0.803945	0.438	0.16	0 Myeloid	IRS2
CAPG	0	0.802937	0.556	0.218	0 Myeloid	CAPG
PHC2	0	0.798238	0.443	0.142	0 Myeloid	PHC2
STX17-AS1	0	0.795352	0.416	0.181	0 Myeloid	STX17-AS1
KLF10	0	0.795267	0.41	0.185	0 Myeloid	KLF10
FCGR1B	0	0.794642	0.286	0.045	0 Myeloid	FCGR1B
BLNK	0	0.793207	0.349	0.071	0 Myeloid	BLNK
LRP1	0	0.789844	0.353	0.065	0 Myeloid	LRP1
TOM1	0	0.787088	0.466	0.185	0 Myeloid	TOM1
RUNX1	0	0.785174	0.601	0.311	0 Myeloid	RUNX1
SLC43A2	0	0.783938	0.332	0.066	0 Myeloid	SLC43A2

Z93241.1	0	0.782644	0.322	0.17	0 Myeloid	Z93241.1
IL6R	0	0.781231	0.358	0.086	0 Myeloid	IL6R
BRI3	0	0.780666	0.521	0.22	0 Myeloid	BRI3
ENTPD1	0	0.779198	0.364	0.082	0 Myeloid	ENTPD1
MGAT1	0	0.778374	0.499	0.224	0 Myeloid	MGAT1
HCK	0	0.777921	0.343	0.061	0 Myeloid	HCK
IER5	0	0.777733	0.523	0.346	0 Myeloid	IER5
SERPINF1	0	0.776686	0.343	0.074	0 Myeloid	SERPINF1
RNASE6	0	0.776447	0.353	0.071	0 Myeloid	RNASE6
OSM	0	0.773933	0.307	0.102	0 Myeloid	OSM
TBC1D12	0	0.772373	0.31	0.054	0 Myeloid	TBC1D12
ANXA5	0	0.77158	0.634	0.322	0 Myeloid	ANXA5
GALNT2	0	0.771056	0.444	0.157	0 Myeloid	GALNT2
RTN4	0	0.768142	0.632	0.315	0 Myeloid	RTN4
HPGDS	0	0.767604	0.308	0.06	0 Myeloid	HPGDS
MLXIPL	0	0.766372	0.32	0.059	0 Myeloid	MLXIPL
SCPEP1	0	0.765496	0.391	0.103	0 Myeloid	SCPEP1
WSB1	0	0.762109	0.713	0.43	0 Myeloid	WSB1
PTPRE	0	0.762041	0.507	0.218	0 Myeloid	PTPRE
MCF2L	0	0.761589	0.29	0.053	0 Myeloid	MCF2L
TNFSF13	0	0.76114	0.341	0.07	0 Myeloid	TNFSF13
FMNL3	0	0.760385	0.439	0.147	0 Myeloid	FMNL3
FCHSD2	0	0.760366	0.474	0.196	0 Myeloid	FCHSD2
TMEM52B	0	0.760234	0.315	0.059	0 Myeloid	TMEM52B
CPM	0	0.757635	0.276	0.055	0 Myeloid	CPM
MIS18BP1	0	0.754948	0.481	0.222	0 Myeloid	MIS18BP1
MIR222HG	0	0.754148	0.291	0.071	0 Myeloid	MIR222HG
CCDC88A	0	0.753759	0.391	0.105	0 Myeloid	CCDC88A
ATP2C1	0	0.753723	0.392	0.14	0 Myeloid	ATP2C1
MTSS1	0	0.752486	0.318	0.11	0 Myeloid	MTSS1
CPED1	0	0.751185	0.278	0.049	0 Myeloid	CPED1
LPAR6	0	0.751012	0.361	0.092	0 Myeloid	LPAR6
TCF4	0	0.747541	0.37	0.09	0 Myeloid	TCF4
TSC22D2	0	0.745435	0.533	0.275	0 Myeloid	TSC22D2
REL	0	0.745222	0.749	0.488	0 Myeloid	REL
STX11	0	0.74385	0.368	0.126	0 Myeloid	STX11
FGD2	0	0.743423	0.281	0.046	0 Myeloid	FGD2
SH2B3	0	0.742706	0.369	0.111	0 Myeloid	SH2B3
TNS3	0	0.742129	0.306	0.065	0 Myeloid	TNS3
AL390957.1	0	0.740327	0.332	0.095	0 Myeloid	AL390957.1
NRP2	0	0.738789	0.261	0.061	0 Myeloid	NRP2
TGFBR1	0	0.738018	0.436	0.155	0 Myeloid	TGFBR1
RAPH1	0	0.736885	0.32	0.072	0 Myeloid	RAPH1
PPT1	0	0.735134	0.544	0.225	0 Myeloid	PPT1
1-Mar	0	0.733116	0.294	0.06	0 Myeloid	1-Mar
SNX9	0	0.732242	0.549	0.296	0 Myeloid	SNX9
STK38L	0	0.732086	0.331	0.109	0 Myeloid	STK38L

NAIP	0	0.730185	0.36	0.085	0 Myeloid	NAIP
BTG2	0	0.729155	0.745	0.536	0 Myeloid	BTG2
ENSA	0	0.728098	0.634	0.404	0 Myeloid	ENSA
SAP30	0	0.726985	0.346	0.122	0 Myeloid	SAP30
APBB1IP	0	0.72518	0.777	0.512	0 Myeloid	APBB1IP
EPS8	0	0.72518	0.374	0.108	0 Myeloid	EPS8
THEMIS2	0	0.724874	0.399	0.121	0 Myeloid	THEMIS2
TSPO	0	0.722549	0.609	0.353	0 Myeloid	TSPO
AC103591.	0	0.721673	0.265	0.082	0 Myeloid	AC103591.3
METTL7A	0	0.721563	0.33	0.066	0 Myeloid	METTL7A
PPARD	0	0.718943	0.343	0.102	0 Myeloid	PPARD
NRIP1	0	0.717006	0.42	0.142	0 Myeloid	NRIP1
MNDA	0	0.71424	0.314	0.064	0 Myeloid	MNDA
ARHGAP26	0	0.713752	0.702	0.412	0 Myeloid	ARHGAP26
BNC2	0	0.711803	0.303	0.076	0 Myeloid	BNC2
CHSY1	0	0.711005	0.342	0.117	0 Myeloid	CHSY1
APLP2	0	0.708861	0.478	0.174	0 Myeloid	APLP2
WASF2	0	0.708744	0.632	0.329	0 Myeloid	WASF2
GRINA	0	0.707068	0.428	0.144	0 Myeloid	GRINA
GADD45B	0	0.705415	0.778	0.615	0 Myeloid	GADD45B
UNC93B1	0	0.705274	0.376	0.1	0 Myeloid	UNC93B1
H1FO	0	0.702289	0.276	0.065	0 Myeloid	H1FO
RFX2	0	0.702247	0.296	0.085	0 Myeloid	RFX2
SLC16A3	0	0.701156	0.375	0.126	0 Myeloid	SLC16A3
PDPN	0	0.69979	0.272	0.051	0 Myeloid	PDPN
PRKAG2	0	0.699472	0.357	0.125	0 Myeloid	PRKAG2
MAN1A1	0	0.698454	0.43	0.192	0 Myeloid	MAN1A1
ARL5A	0	0.698182	0.506	0.227	0 Myeloid	ARL5A
NUDT3	0	0.696509	0.45	0.163	0 Myeloid	NUDT3
MTHFD1L	0	0.694706	0.332	0.093	0 Myeloid	MTHFD1L
SIPA1L1	0	0.693589	0.564	0.351	0 Myeloid	SIPA1L1
CDK2AP1	0	0.693408	0.381	0.107	0 Myeloid	CDK2AP1
TRIO	0	0.69292	0.319	0.08	0 Myeloid	TRIO
TNF	0	0.692907	0.448	0.289	0 Myeloid	TNF
PABPC4	0	0.691769	0.478	0.205	0 Myeloid	PABPC4
FAM149A	0	0.688766	0.255	0.046	0 Myeloid	FAM149A
SIPA1L2	0	0.688579	0.25	0.052	0 Myeloid	SIPA1L2
JAZF1	0	0.688396	0.507	0.227	0 Myeloid	JAZF1
SDCBP	0	0.681383	0.641	0.359	0 Myeloid	SDCBP
NFKBIA	0	0.678369	0.832	0.743	0 Myeloid	NFKBIA
WDFY4	0	0.677566	0.283	0.055	0 Myeloid	WDFY4
SRGN	0	0.677054	0.938	0.859	0 Myeloid	SRGN
HCLS1	0	0.676463	0.791	0.546	0 Myeloid	HCLS1
HERPUD1	0	0.676309	0.705	0.517	0 Myeloid	HERPUD1
PTAFR	0	0.675958	0.293	0.053	0 Myeloid	PTAFR
EBI3	0	0.675369	0.277	0.047	0 Myeloid	EBI3
RAB1A	0	0.675251	0.535	0.257	0 Myeloid	RAB1A

P4HA1	0	0.674916	0.319	0.121	0 Myeloid	P4HA1
RB1	0	0.673701	0.521	0.22	0 Myeloid	RB1
NEDD9	0	0.673395	0.517	0.324	0 Myeloid	NEDD9
CD84	0	0.672899	0.404	0.134	0 Myeloid	CD84
ATF6	0	0.672692	0.409	0.156	0 Myeloid	ATF6
CXorf21	0	0.669816	0.272	0.068	0 Myeloid	CXorf21
CTNND1	0	0.667093	0.306	0.068	0 Myeloid	CTNND1
FAM49A	0	0.666918	0.331	0.103	0 Myeloid	FAM49A
LMO2	0	0.664725	0.319	0.061	0 Myeloid	LMO2
NFIC	0	0.662779	0.4	0.135	0 Myeloid	NFIC
KLF2	0	0.662131	0.719	0.489	0 Myeloid	KLF2
MYOF	0	0.658539	0.282	0.058	0 Myeloid	MYOF
SUSD6	0	0.658137	0.435	0.177	0 Myeloid	SUSD6
SIGLEC8	0	0.656549	0.255	0.039	0 Myeloid	SIGLEC8
SYNGR2	0	0.654016	0.536	0.272	0 Myeloid	SYNGR2
TYMP	0	0.653909	0.353	0.142	0 Myeloid	TYMP
SORT1	0	0.653656	0.287	0.06	0 Myeloid	SORT1
OTULINL	0	0.651954	0.431	0.163	0 Myeloid	OTULINL
TFRC	0	0.651625	0.326	0.154	0 Myeloid	TFRC
MGST2	0	0.650073	0.342	0.08	0 Myeloid	MGST2
PLSCR1	0	0.646988	0.475	0.197	0 Myeloid	PLSCR1
SIRPA	0	0.646198	0.294	0.056	0 Myeloid	SIRPA
TTYH3	0	0.645456	0.274	0.061	0 Myeloid	TTYH3
BAZ2B	0	0.643175	0.381	0.133	0 Myeloid	BAZ2B
SELPLG	0	0.642107	0.591	0.377	0 Myeloid	SELPLG
NCOR2	0	0.636513	0.452	0.191	0 Myeloid	NCOR2
AF213884.3	0	0.635316	0.269	0.073	0 Myeloid	AF213884.3
TCF12	0	0.635124	0.56	0.286	0 Myeloid	TCF12
TLR1	0	0.632666	0.298	0.068	0 Myeloid	TLR1
TRPM2	0	0.632326	0.277	0.06	0 Myeloid	TRPM2
MAT2A	0	0.631255	0.55	0.304	0 Myeloid	MAT2A
SLC29A1	0	0.629542	0.304	0.069	0 Myeloid	SLC29A1
PRAM1	0	0.628723	0.267	0.051	0 Myeloid	PRAM1
LY96	0	0.625126	0.295	0.065	0 Myeloid	LY96
RPS6KA2	0	0.624873	0.254	0.067	0 Myeloid	RPS6KA2
AFF4	0	0.622343	0.589	0.327	0 Myeloid	AFF4
RYR1	0	0.621053	0.252	0.061	0 Myeloid	RYR1
ATP13A3	0	0.620041	0.33	0.127	0 Myeloid	ATP13A3
LPAR5	0	0.61963	0.298	0.07	0 Myeloid	LPAR5
AKR1B1	0	0.619618	0.467	0.206	0 Myeloid	AKR1B1
CTSD	0	0.61883	0.668	0.465	0 Myeloid	CTSD
SLC9A9	0	0.616708	0.428	0.184	0 Myeloid	SLC9A9
MAN2B1	0	0.616572	0.433	0.167	0 Myeloid	MAN2B1
LAPTM5	0	0.615985	0.898	0.744	0 Myeloid	LAPTM5
LINC02256	0	0.615371	0.367	0.123	0 Myeloid	LINC02256
PPP1R15A	0	0.614183	0.746	0.592	0 Myeloid	PPP1R15A
RCC2	0	0.61386	0.357	0.124	0 Myeloid	RCC2

DAB2	0	0.610749	0.253	0.049	0 Myeloid	DAB2
ARHGAP21	0	0.610192	0.297	0.078	0 Myeloid	ARHGAP21
GATM	0	0.609781	0.279	0.057	0 Myeloid	GATM
RIN3	0	0.609463	0.455	0.192	0 Myeloid	RIN3
WDR91	0	0.608795	0.274	0.071	0 Myeloid	WDR91
SERPINB6	0	0.608756	0.402	0.134	0 Myeloid	SERPINB6
SLC7A7	0	0.608609	0.27	0.046	0 Myeloid	SLC7A7
HEXA	0	0.608575	0.443	0.192	0 Myeloid	HEXA
CHD9	0	0.606652	0.475	0.211	0 Myeloid	CHD9
NME2	0	0.605828	0.667	0.439	0 Myeloid	NME2
HIF1A-AS3	0	0.605528	0.266	0.088	0 Myeloid	HIF1A-AS3
ANKS1A	0	0.605048	0.319	0.099	0 Myeloid	ANKS1A
LTBR	0	0.603716	0.283	0.053	0 Myeloid	LTBR
ARRB2	0	0.60316	0.616	0.338	0 Myeloid	ARRB2
PLEKHO1	0	0.60171	0.474	0.211	0 Myeloid	PLEKHO1
DENND5A	0	0.601432	0.258	0.069	0 Myeloid	DENND5A
IL17RA	0	0.599668	0.404	0.163	0 Myeloid	IL17RA
MCL1	0	0.599433	0.82	0.646	0 Myeloid	MCL1
CMTM6	0	0.597268	0.504	0.238	0 Myeloid	CMTM6
BEST1	0	0.596189	0.359	0.139	0 Myeloid	BEST1
PTGS1	0	0.595151	0.268	0.049	0 Myeloid	PTGS1
SPRY2	0	0.591824	0.262	0.08	0 Myeloid	SPRY2
KLHL5	0	0.591559	0.311	0.093	0 Myeloid	KLHL5
ZMIZ1	0	0.590935	0.317	0.113	0 Myeloid	ZMIZ1
CIITA	0	0.590115	0.259	0.059	0 Myeloid	CIITA
SCAMP2	0	0.589822	0.503	0.243	0 Myeloid	SCAMP2
MED13L	0	0.588162	0.481	0.237	0 Myeloid	MED13L
CALHM6	0	0.588025	0.267	0.076	0 Myeloid	CALHM6
DIAPH2	0	0.583027	0.432	0.187	0 Myeloid	DIAPH2
GAL3ST4	0	0.581692	0.256	0.052	0 Myeloid	GAL3ST4
GAS6	0	0.581173	0.267	0.059	0 Myeloid	GAS6
SNX29	0	0.58084	0.378	0.148	0 Myeloid	SNX29
GBP2	0	0.580657	0.407	0.25	0 Myeloid	GBP2
HSPH1	0	0.575032	0.461	0.349	0 Myeloid	HSPH1
PRKCD	0	0.574916	0.3	0.083	0 Myeloid	PRKCD
AKAP13	0	0.573372	0.78	0.615	0 Myeloid	AKAP13
EVI5	0	0.572925	0.259	0.058	0 Myeloid	EVI5
LAPTM4A	0	0.572852	0.513	0.251	0 Myeloid	LAPTM4A
RAB32	0	0.571028	0.254	0.049	0 Myeloid	RAB32
SPRY1	0	0.569272	0.253	0.102	0 Myeloid	SPRY1
IL6ST	0	0.568065	0.515	0.267	0 Myeloid	IL6ST
MKNK1	0	0.568016	0.328	0.113	0 Myeloid	MKNK1
CHMP4B	0	0.566985	0.343	0.127	0 Myeloid	CHMP4B
CPEB4	0	0.565283	0.294	0.101	0 Myeloid	CPEB4
STX7	0	0.564659	0.32	0.098	0 Myeloid	STX7
FLOT1	0	0.563975	0.42	0.171	0 Myeloid	FLOT1
YBX3	0	0.562068	0.402	0.152	0 Myeloid	YBX3

FILIP1L	0	0.561038	0.27	0.091	0 Myeloid	FILIP1L
PDE8A	0	0.560721	0.315	0.136	0 Myeloid	PDE8A
DISC1	0	0.559278	0.383	0.155	0 Myeloid	DISC1
CPQ	0	0.558928	0.346	0.126	0 Myeloid	CPQ
ATP6AP1	0	0.558758	0.444	0.199	0 Myeloid	ATP6AP1
ADGRG1	0	0.55835	0.344	0.128	0 Myeloid	ADGRG1
GSTM2	0	0.55744	0.296	0.093	0 Myeloid	GSTM2
PYCARD	0	0.557161	0.483	0.244	0 Myeloid	PYCARD
CYBA	0	0.556889	0.887	0.765	0 Myeloid	CYBA
LYL1	0	0.553726	0.271	0.061	0 Myeloid	LYL1
FEZ2	0	0.550688	0.304	0.098	0 Myeloid	FEZ2
TTC7A	0	0.548898	0.345	0.142	0 Myeloid	TTC7A
PLIN2	0	0.547661	0.33	0.224	0 Myeloid	PLIN2
ADAMTSL4	0	0.54535	0.336	0.143	0 Myeloid	ADAMTSL4-AS1
IER2	0	0.543972	0.834	0.71	0 Myeloid	IER2
BACH1	0	0.543618	0.381	0.151	0 Myeloid	BACH1
NUMB	0	0.542527	0.373	0.152	0 Myeloid	NUMB
TSPAN3	0	0.539297	0.328	0.1	0 Myeloid	TSPAN3
PACSIN2	0	0.536909	0.354	0.139	0 Myeloid	PACSIN2
DPYSL2	0	0.536715	0.283	0.073	0 Myeloid	DPYSL2
IRF5	0	0.536565	0.262	0.061	0 Myeloid	IRF5
RNF13	0	0.535627	0.415	0.175	0 Myeloid	RNF13
DUSP6	0	0.53545	0.288	0.132	0 Myeloid	DUSP6
RNASE2	0	0.535135	0.259	0.066	0 Myeloid	RNASE2
SOAT1	0	0.53369	0.341	0.127	0 Myeloid	SOAT1
BCL6	0	0.529542	0.333	0.14	0 Myeloid	BCL6
ADAM9	0	0.529372	0.264	0.066	0 Myeloid	ADAM9
ARHGAP12	0	0.528038	0.281	0.091	0 Myeloid	ARHGAP12
PAK1	0	0.527973	0.29	0.087	0 Myeloid	PAK1
MPP1	0	0.527663	0.266	0.079	0 Myeloid	MPP1
LCP2	0	0.527118	0.619	0.513	0 Myeloid	LCP2
ZNF267	0	0.526058	0.339	0.143	0 Myeloid	ZNF267
ABHD12	0	0.525564	0.371	0.147	0 Myeloid	ABHD12
STX4	0	0.523555	0.308	0.142	0 Myeloid	STX4
RAPGEF1	0	0.522651	0.539	0.318	0 Myeloid	RAPGEF1
FOXO3	0	0.522429	0.385	0.193	0 Myeloid	FOXO3
CTNNB1	0	0.520123	0.49	0.275	0 Myeloid	CTNNB1
CD4	0	0.519161	0.402	0.155	0 Myeloid	CD4
GRB2	0	0.519158	0.582	0.338	0 Myeloid	GRB2
PMEPA1	0	0.515998	0.356	0.153	0 Myeloid	PMEPA1
CD300A	0	0.515517	0.378	0.143	0 Myeloid	CD300A
PARVB	0	0.51473	0.294	0.103	0 Myeloid	PARVB
RAB7A	0	0.51446	0.606	0.392	0 Myeloid	RAB7A
AC022217.	0	0.512811	0.427	0.226	0 Myeloid	AC022217.3
SPECC1	0	0.512387	0.278	0.082	0 Myeloid	SPECC1
GLA	0	0.51178	0.265	0.106	0 Myeloid	GLA
COMT	0	0.511676	0.398	0.167	0 Myeloid	COMT

DIP2B	0	0.509848	0.32	0.132	0 Myeloid	DIP2B
AIG1	0	0.509422	0.281	0.079	0 Myeloid	AIG1
PLK3	0	0.509168	0.458	0.249	0 Myeloid	PLK3
RANBP2	0	0.50887	0.57	0.424	0 Myeloid	RANBP2
GPX4	0	0.50535	0.636	0.422	0 Myeloid	GPX4
SPIDR	0	0.503468	0.492	0.255	0 Myeloid	SPIDR
SEC14L1	0	0.502929	0.372	0.173	0 Myeloid	SEC14L1
RABGEF1	0	0.499552	0.396	0.228	0 Myeloid	RABGEF1
HEXB	0	0.499529	0.364	0.149	0 Myeloid	HEXB
FOSB	0	0.498719	0.769	0.602	0 Myeloid	FOSB
H2AFY	0	0.497743	0.518	0.283	0 Myeloid	H2AFY
PFKFB3	0	0.497091	0.568	0.339	0 Myeloid	PFKFB3
ZEB2	0	0.496492	0.612	0.335	0 Myeloid	ZEB2
VMP1	0	0.493527	0.454	0.227	0 Myeloid	VMP1
NFIL3	0	0.493177	0.323	0.155	0 Myeloid	NFIL3
RASSF2	0	0.490201	0.3	0.106	0 Myeloid	RASSF2
SQSTM1	0	0.487065	0.588	0.425	0 Myeloid	SQSTM1
CUX1	0	0.485768	0.399	0.182	0 Myeloid	CUX1
SBF2	0	0.484964	0.33	0.13	0 Myeloid	SBF2
ATG7	0	0.484701	0.361	0.163	0 Myeloid	ATG7
TNFSF13B	0	0.484638	0.254	0.073	0 Myeloid	TNFSF13B
PEA15	0	0.484578	0.296	0.102	0 Myeloid	PEA15
ATP6VOC	0	0.483563	0.696	0.507	0 Myeloid	ATP6VOC
RHEB	0	0.483334	0.457	0.242	0 Myeloid	RHEB
SMAP2	0	0.480328	0.77	0.584	0 Myeloid	SMAP2
PLD3	0	0.479353	0.348	0.16	0 Myeloid	PLD3
RANBP9	0	0.478073	0.416	0.22	0 Myeloid	RANBP9
TUBA1B	0	0.47648	0.809	0.559	0 Myeloid	TUBA1B
TNFRSF1A	0	0.474096	0.351	0.14	0 Myeloid	TNFRSF1A
AKR1A1	0	0.473854	0.388	0.174	0 Myeloid	AKR1A1
PDXK	0	0.469218	0.338	0.139	0 Myeloid	PDXK
POU2F2	0	0.468894	0.29	0.101	0 Myeloid	POU2F2
BST2	0	0.466954	0.55	0.362	0 Myeloid	BST2
NAGK	0	0.466563	0.298	0.106	0 Myeloid	NAGK
ENG	0	0.463734	0.299	0.088	0 Myeloid	ENG
NCOA4	0	0.46166	0.385	0.185	0 Myeloid	NCOA4
ATP6V1F	0	0.459964	0.521	0.308	0 Myeloid	ATP6V1F
NFKBIZ	0	0.459806	0.535	0.395	0 Myeloid	NFKBIZ
PTPRJ	0	0.459589	0.471	0.275	0 Myeloid	PTPRJ
FOXN3	0	0.457947	0.692	0.476	0 Myeloid	FOXN3
NAGA	0	0.456809	0.25	0.064	0 Myeloid	NAGA
DHRS7	0	0.456072	0.567	0.351	0 Myeloid	DHRS7
SPATA13	0	0.454045	0.426	0.23	0 Myeloid	SPATA13
NR4A2	0	0.45044	0.789	0.672	0 Myeloid	NR4A2
MYO9B	0	0.446204	0.486	0.282	0 Myeloid	MYO9B
DOCK8	0	0.444799	0.69	0.47	0 Myeloid	DOCK8
SPINT2	0	0.444512	0.292	0.093	0 Myeloid	SPINT2

ZFAND5	0	0.443768	0.5	0.374	0 Myeloid	ZFAND5
RHOQ	0	0.443667	0.265	0.095	0 Myeloid	RHOQ
TET2	0	0.443078	0.326	0.153	0 Myeloid	TET2
CHD7	0	0.442453	0.315	0.132	0 Myeloid	CHD7
SEC11A	0	0.441438	0.507	0.302	0 Myeloid	SEC11A
FRMD4B	0	0.441107	0.321	0.138	0 Myeloid	FRMD4B
PTTG1IP	0	0.441104	0.388	0.167	0 Myeloid	PTTG1IP
USP4	0	0.440848	0.373	0.183	0 Myeloid	USP4
NUDT16	0	0.440499	0.251	0.077	0 Myeloid	NUDT16
DLEU2	0	0.437786	0.401	0.196	0 Myeloid	DLEU2
EIF4A1	0	0.436609	0.803	0.625	0 Myeloid	EIF4A1
TMEM14C	0	0.436587	0.413	0.199	0 Myeloid	TMEM14C
GLRX	0	0.435333	0.361	0.192	0 Myeloid	GLRX
ATP6V0E1	0	0.435081	0.636	0.432	0 Myeloid	ATP6V0E1
CTNNA1	0	0.434189	0.282	0.096	0 Myeloid	CTNNA1
LIPA	0	0.432843	0.335	0.149	0 Myeloid	LIPA
CHCHD10	0	0.432337	0.484	0.277	0 Myeloid	CHCHD10
SSH2	0	0.431677	0.617	0.411	0 Myeloid	SSH2
APPL2	0	0.431459	0.276	0.105	0 Myeloid	APPL2
ITGAM	0	0.427918	0.268	0.093	0 Myeloid	ITGAM
NAA20	0	0.427868	0.295	0.127	0 Myeloid	NAA20
DNASE2	0	0.425836	0.284	0.108	0 Myeloid	DNASE2
LINC00963	0	0.425654	0.277	0.107	0 Myeloid	LINC00963
CRTAP	0	0.421258	0.33	0.145	0 Myeloid	CRTAP
MFSD12	0	0.421239	0.268	0.097	0 Myeloid	MFSD12
CNDP2	0	0.421196	0.359	0.161	0 Myeloid	CNDP2
SNAP23	0	0.419826	0.318	0.145	0 Myeloid	SNAP23
TMEM156	0	0.419491	0.299	0.134	0 Myeloid	TMEM156
CCDC50	0	0.418741	0.27	0.094	0 Myeloid	CCDC50
CACUL1	0	0.417209	0.315	0.136	0 Myeloid	CACUL1
TBC1D22A	0	0.415855	0.446	0.244	0 Myeloid	TBC1D22A
RERE	0	0.414526	0.425	0.229	0 Myeloid	RERE
MDM2	0	0.413517	0.258	0.131	0 Myeloid	MDM2
UBE2E1	0	0.413495	0.329	0.149	0 Myeloid	UBE2E1
TPP1	0	0.411274	0.343	0.152	0 Myeloid	TPP1
APMAP	0	0.406417	0.51	0.31	0 Myeloid	APMAP
P2RX4	0	0.404999	0.259	0.096	0 Myeloid	P2RX4
FKBP5	0	0.404947	0.709	0.531	0 Myeloid	FKBP5
PAG1	0	0.404653	0.437	0.247	0 Myeloid	PAG1
CTDSP1	0	0.404168	0.326	0.182	0 Myeloid	CTDSP1
TRA2B	0	0.403554	0.57	0.41	0 Myeloid	TRA2B
SPAG9	0	0.402944	0.384	0.202	0 Myeloid	SPAG9
PLCB2	0	0.402535	0.322	0.142	0 Myeloid	PLCB2
C20orf27	0	0.402443	0.285	0.112	0 Myeloid	C20orf27
STX6	0	0.402123	0.252	0.091	0 Myeloid	STX6
NCF4	0	0.399894	0.285	0.105	0 Myeloid	NCF4
NEU1	0	0.399014	0.365	0.208	0 Myeloid	NEU1

PER1	0	0.397026	0.572	0.366	0 Myeloid	PER1
MAN2A1	0	0.393782	0.372	0.202	0 Myeloid	MAN2A1
GNG5	0	0.391139	0.622	0.416	0 Myeloid	GNG5
LAP3	0	0.390897	0.393	0.222	0 Myeloid	LAP3
NANS	0	0.389599	0.314	0.143	0 Myeloid	NANS
TKT	0	0.387398	0.4	0.237	0 Myeloid	TKT
UBA7	0	0.386046	0.275	0.111	0 Myeloid	UBA7
SLC1A5	0	0.385792	0.33	0.156	0 Myeloid	SLC1A5
DDAH2	0	0.383716	0.27	0.109	0 Myeloid	DDAH2
WASHC4	0	0.381542	0.315	0.14	0 Myeloid	WASHC4
RNASEK	0	0.378557	0.709	0.544	0 Myeloid	RNASEK
LAMP2	0	0.378321	0.278	0.107	0 Myeloid	LAMP2
TAB2	0	0.376384	0.44	0.23	0 Myeloid	TAB2
JAK2	0	0.375289	0.293	0.14	0 Myeloid	JAK2
NAF1	0	0.372244	0.254	0.129	0 Myeloid	NAF1
LRCH1	0	0.370088	0.299	0.142	0 Myeloid	LRCH1
DDX3Y	0	0.367903	0.346	0.214	0 Myeloid	DDX3Y
UBE2W	0	0.367123	0.286	0.123	0 Myeloid	UBE2W
WDFY2	0	0.366995	0.289	0.134	0 Myeloid	WDFY2
ARL8B	0	0.366248	0.332	0.172	0 Myeloid	ARL8B
PIK3AP1	0	0.365624	0.298	0.127	0 Myeloid	PIK3AP1
TUT7	0	0.365525	0.325	0.172	0 Myeloid	TUT7
SAT2	0	0.363618	0.328	0.153	0 Myeloid	SAT2
ERGIC1	0	0.362799	0.344	0.168	0 Myeloid	ERGIC1
SH3BGRL	0	0.360519	0.574	0.39	0 Myeloid	SH3BGRL
FBXW11	0	0.360056	0.339	0.171	0 Myeloid	FBXW11
FAM102B	0	0.356491	0.268	0.126	0 Myeloid	FAM102B
TPM4	0	0.355524	0.424	0.272	0 Myeloid	TPM4
RGS19	0	0.355338	0.402	0.225	0 Myeloid	RGS19
ATP2A2	0	0.354719	0.302	0.159	0 Myeloid	ATP2A2
ETF1	0	0.351051	0.404	0.23	0 Myeloid	ETF1
DBNDD2	0	0.350627	0.252	0.086	0 Myeloid	DBNDD2
UBAC2	0	0.350408	0.478	0.306	0 Myeloid	UBAC2
ARAP1	0	0.348464	0.253	0.105	0 Myeloid	ARAP1
OS9	0	0.347939	0.428	0.241	0 Myeloid	OS9
FNDC3A	0	0.347132	0.349	0.183	0 Myeloid	FNDC3A
ZBTB16	0	0.34606	0.366	0.229	0 Myeloid	ZBTB16
UBE2F	0	0.345778	0.314	0.162	0 Myeloid	UBE2F
TMBIM4	0	0.345726	0.521	0.327	0 Myeloid	TMBIM4
ADRB2	0	0.344757	0.298	0.152	0 Myeloid	ADRB2
ADPGK	0	0.339738	0.314	0.147	0 Myeloid	ADPGK
ACSL3	0	0.339205	0.262	0.133	0 Myeloid	ACSL3
NSMCE2	0	0.335961	0.349	0.181	0 Myeloid	NSMCE2
TBC1D14	0	0.335819	0.276	0.135	0 Myeloid	TBC1D14
AC004687.1	0	0.331939	0.283	0.149	0 Myeloid	AC004687.1
CD58	0	0.330803	0.364	0.201	0 Myeloid	CD58
ATP6V0D1	0	0.330486	0.344	0.177	0 Myeloid	ATP6V0D1

PRCP	0	0.329663	0.255	0.11	0 Myeloid	PRCP
ID2	0	0.329605	0.661	0.534	0 Myeloid	ID2
DRAM2	0	0.328538	0.265	0.115	0 Myeloid	DRAM2
RRBP1	0	0.327372	0.279	0.129	0 Myeloid	RRBP1
PTPN18	0	0.326571	0.336	0.17	0 Myeloid	PTPN18
BNIP3L	0	0.325649	0.345	0.183	0 Myeloid	BNIP3L
SVBP	0	0.325177	0.254	0.112	0 Myeloid	SVBP
CIAO2A	0	0.323533	0.345	0.181	0 Myeloid	CIAO2A
PDE4DIP	0	0.323339	0.294	0.153	0 Myeloid	PDE4DIP
MAML2	0	0.323294	0.553	0.343	0 Myeloid	MAML2
MAP2K3	0	0.321703	0.277	0.164	0 Myeloid	MAP2K3
GSTP1	0	0.317487	0.581	0.399	0 Myeloid	GSTP1
ARHGAP18	0	0.317011	0.32	0.169	0 Myeloid	ARHGAP18
JMJD1C	0	0.316864	0.595	0.408	0 Myeloid	JMJD1C
PTPN6	0	0.316181	0.412	0.244	0 Myeloid	PTPN6
MICAL1	0	0.315893	0.291	0.139	0 Myeloid	MICAL1
TLN1	0	0.313819	0.56	0.371	0 Myeloid	TLN1
TMEM219	0	0.313658	0.437	0.268	0 Myeloid	TMEM219
FAM49B	0	0.312708	0.644	0.439	0 Myeloid	FAM49B
TAOK3	0	0.312303	0.452	0.289	0 Myeloid	TAOK3
CCDC47	0	0.310106	0.312	0.149	0 Myeloid	CCDC47
ZFAND3	0	0.309746	0.503	0.314	0 Myeloid	ZFAND3
KDM4B	0	0.308917	0.273	0.143	0 Myeloid	KDM4B
ZNF106	0	0.308795	0.306	0.154	0 Myeloid	ZNF106
SLC4A7	0	0.308541	0.438	0.264	0 Myeloid	SLC4A7
UVRAG	0	0.307944	0.381	0.212	0 Myeloid	UVRAG
CLTA	0	0.307808	0.453	0.27	0 Myeloid	CLTA
SNX2	0	0.307369	0.363	0.191	0 Myeloid	SNX2
CAPZB	0	0.307316	0.76	0.601	0 Myeloid	CAPZB
CAPZA2	0	0.306995	0.414	0.235	0 Myeloid	CAPZA2
HIPK3	0	0.306033	0.278	0.138	0 Myeloid	HIPK3
YWHAE	0	0.305916	0.466	0.27	0 Myeloid	YWHAE
TNFRSF1B	0	0.30568	0.522	0.342	0 Myeloid	TNFRSF1B
FAM53B	0	0.305027	0.28	0.144	0 Myeloid	FAM53B
MGST3	0	0.304678	0.387	0.22	0 Myeloid	MGST3
FNIP1	0	0.304472	0.326	0.168	0 Myeloid	FNIP1
OAZ1	0	0.304228	0.798	0.697	0 Myeloid	OAZ1
SMS	0	0.303295	0.305	0.16	0 Myeloid	SMS
RPS6KA1	0	0.301483	0.303	0.157	0 Myeloid	RPS6KA1
PTPN1	0	0.301408	0.409	0.288	0 Myeloid	PTPN1
HSBP1	0	0.298247	0.286	0.135	0 Myeloid	HSBP1
GNG10	0	0.295548	0.279	0.134	0 Myeloid	GNG10
ABI3	0	0.294814	0.402	0.238	0 Myeloid	ABI3
STXBP2	0	0.293389	0.369	0.22	0 Myeloid	STXBP2
IFRD1	0	0.29263	0.501	0.368	0 Myeloid	IFRD1
FBXO11	0	0.292119	0.36	0.204	0 Myeloid	FBXO11
HIVEP3	0	0.291716	0.287	0.164	0 Myeloid	HIVEP3

RHOG	0	0.291375	0.515	0.343	0	Myeloid	RHOG
GRAMD1B	0	0.289596	0.297	0.164	0	Myeloid	GRAMD1B
PRDX1	0	0.289204	0.504	0.342	0	Myeloid	PRDX1
NT5C2	0	0.288853	0.273	0.138	0	Myeloid	NT5C2
MTHFD2	0	0.288178	0.352	0.206	0	Myeloid	MTHFD2
PARVG	0	0.287111	0.418	0.245	0	Myeloid	PARVG
HSP90AB1	0	0.286215	0.84	0.733	0	Myeloid	HSP90AB1
PPP1R10	0	0.285778	0.449	0.284	0	Myeloid	PPP1R10
ACTR2	0	0.284559	0.605	0.424	0	Myeloid	ACTR2
NCKAP1L	0	0.283034	0.391	0.225	0	Myeloid	NCKAP1L
PGLS	0	0.282796	0.382	0.233	0	Myeloid	PGLS
ANKRD10	0	0.282031	0.358	0.212	0	Myeloid	ANKRD10
VAMP8	0	0.281541	0.525	0.385	0	Myeloid	VAMP8
TOP1	0	0.281133	0.474	0.313	0	Myeloid	TOP1
ARPC3	0	0.278078	0.767	0.641	0	Myeloid	ARPC3
SESN1	0	0.277212	0.301	0.162	0	Myeloid	SESN1
CANX	0	0.276898	0.493	0.324	0	Myeloid	CANX
TGIF1	0	0.27421	0.257	0.134	0	Myeloid	TGIF1
RNF149	0	0.273696	0.564	0.391	0	Myeloid	RNF149
MAP2K1	0	0.272085	0.354	0.213	0	Myeloid	MAP2K1
SERPINB1	0	0.270703	0.4	0.254	0	Myeloid	SERPINB1
ATP6AP2	0	0.27041	0.402	0.246	0	Myeloid	ATP6AP2
PLCG2	0	0.269788	0.271	0.125	0	Myeloid	PLCG2
MAP4K4	0	0.269673	0.372	0.217	0	Myeloid	MAP4K4
XBP1	0	0.269507	0.494	0.353	0	Myeloid	XBP1
CLTC	0	0.268759	0.356	0.196	0	Myeloid	CLTC
EPN1	0	0.268699	0.27	0.131	0	Myeloid	EPN1
SUMF1	0	0.267869	0.265	0.135	0	Myeloid	SUMF1
MPC2	0	0.267818	0.362	0.23	0	Myeloid	MPC2
MAGT1	0	0.266914	0.258	0.132	0	Myeloid	MAGT1
MT-ND1	0	0.266881	0.899	0.81	0	Myeloid	MT-ND1
FAM53C	0	0.266737	0.304	0.179	0	Myeloid	FAM53C
HMGN3	0	0.266577	0.42	0.259	0	Myeloid	HMGN3
LAMTOR1	0	0.265877	0.4	0.247	0	Myeloid	LAMTOR1
PREX1	0	0.263507	0.592	0.415	0	Myeloid	PREX1
SNX3	0	0.262632	0.493	0.332	0	Myeloid	SNX3
PKN2	0	0.26011	0.326	0.18	0	Myeloid	PKN2
RTF2	0	0.25934	0.358	0.206	0	Myeloid	RTF2
PNPLA8	0	0.259057	0.29	0.173	0	Myeloid	PNPLA8
HOOK3	0	0.258811	0.294	0.159	0	Myeloid	HOOK3
CSNK1A1	0	0.257212	0.502	0.337	0	Myeloid	CSNK1A1
ITGB2	0	0.254677	0.74	0.566	0	Myeloid	ITGB2
ADA2	0	0.254024	0.285	0.151	0	Myeloid	ADA2
HNRNPH2	0	0.253887	0.307	0.167	0	Myeloid	HNRNPH2
LAMP1	0	0.252041	0.444	0.294	0	Myeloid	LAMP1
GNPTG	0	0.250108	0.283	0.148	0	Myeloid	GNPTG
MT2A	2.63E-273	0.36686	0.389	0.489	7.41E-269	Myeloid	MT2A

JUN	2.42E-260	0.460669	0.864	0.8	6.82E-256	Myeloid	JUN
CKS2	2.11E-254	0.257088	0.293	0.2	5.95E-250	Myeloid	CKS2
HSPD1	2.34E-229	0.326425	0.496	0.383	6.59E-225	Myeloid	HSPD1
HSP90AA1	1.63E-143	0.430065	0.853	0.793	4.57E-139	Myeloid	HSP90AA1
IFI6	2.71E-21	0.284726	0.282	0.269	7.62E-17	Myeloid	IFI6
CCL5	0	3.597543	0.732	0.127	0	T/NK Cells	CCL5
IL32	0	3.596433	0.765	0.035	0	T/NK Cells	IL32
NKG7	0	3.374087	0.532	0.04	0	T/NK Cells	NKG7
IL7R	0	3.241202	0.495	0.023	0	T/NK Cells	IL7R
CD3E	0	3.070378	0.745	0.024	0	T/NK Cells	CD3E
IFITM1	0	2.978666	0.779	0.129	0	T/NK Cells	IFITM1
FYN	0	2.907474	0.763	0.064	0	T/NK Cells	FYN
GZMK	0	2.735606	0.459	0.014	0	T/NK Cells	GZMK
CST7	0	2.685841	0.594	0.035	0	T/NK Cells	CST7
GZMA	0	2.681215	0.56	0.018	0	T/NK Cells	GZMA
CD52	0	2.63841	0.67	0.046	0	T/NK Cells	CD52
ETS1	0	2.630508	0.733	0.075	0	T/NK Cells	ETS1
CD3D	0	2.446111	0.608	0.017	0	T/NK Cells	CD3D
CD2	0	2.322717	0.579	0.017	0	T/NK Cells	CD2
CTSW	0	2.314773	0.506	0.03	0	T/NK Cells	CTSW
CD96	0	2.314297	0.593	0.021	0	T/NK Cells	CD96
SKAP1	0	2.288616	0.577	0.022	0	T/NK Cells	SKAP1
KLRB1	0	2.283722	0.359	0.011	0	T/NK Cells	KLRB1
PARP8	0	2.281168	0.713	0.216	0	T/NK Cells	PARP8
CD8A	0	2.26361	0.392	0.013	0	T/NK Cells	CD8A
CD247	0	2.254581	0.563	0.021	0	T/NK Cells	CD247
CBLB	0	2.228126	0.595	0.103	0	T/NK Cells	CBLB
TXNIP	0	2.221822	0.729	0.327	0	T/NK Cells	TXNIP
IL2RG	0	2.191607	0.624	0.054	0	T/NK Cells	IL2RG
RUNX3	0	2.158995	0.574	0.052	0	T/NK Cells	RUNX3
CEMIP2	0	2.154384	0.559	0.108	0	T/NK Cells	CEMIP2
CRIP1	0	2.143826	0.587	0.048	0	T/NK Cells	CRIP1
CD7	0	2.12684	0.521	0.131	0	T/NK Cells	CD7
TUBA4A	0	2.119934	0.517	0.026	0	T/NK Cells	TUBA4A
PTPRCAP	0	2.102571	0.441	0.02	0	T/NK Cells	PTPRCAP
STAT4	0	2.0916	0.527	0.042	0	T/NK Cells	STAT4
RAC2	0	2.046537	0.661	0.158	0	T/NK Cells	RAC2
PITPNC1	0	1.969368	0.524	0.089	0	T/NK Cells	PITPNC1
PPDPF	0	1.964635	0.727	0.268	0	T/NK Cells	PPDPF
GZMH	0	1.955212	0.341	0.012	0	T/NK Cells	GZMH
CNOT6L	0	1.954405	0.511	0.125	0	T/NK Cells	CNOT6L
BCL11B	0	1.929544	0.452	0.015	0	T/NK Cells	BCL11B
BTG1	0	1.923034	0.934	0.752	0	T/NK Cells	BTG1
PRF1	0	1.909747	0.355	0.014	0	T/NK Cells	PRF1
LCK	0	1.906157	0.53	0.015	0	T/NK Cells	LCK
TRBC2	0	1.885592	0.462	0.015	0	T/NK Cells	TRBC2
RORA	0	1.871134	0.422	0.023	0	T/NK Cells	RORA

SPOCK2	0	1.866884	0.462	0.018	0 T/NK Cells	SPOCK2
TC2N	0	1.860093	0.446	0.012	0 T/NK Cells	TC2N
ISG20	0	1.855158	0.582	0.107	0 T/NK Cells	ISG20
ITK	0	1.837302	0.43	0.016	0 T/NK Cells	ITK
SLC38A1	0	1.828253	0.477	0.031	0 T/NK Cells	SLC38A1
CYTIP	0	1.790485	0.643	0.188	0 T/NK Cells	CYTIP
LEPROTL1	0	1.78905	0.625	0.226	0 T/NK Cells	LEPROTL1
KLRD1	0	1.783466	0.287	0.013	0 T/NK Cells	KLRD1
PLAAT4	0	1.765403	0.591	0.189	0 T/NK Cells	PLAAT4
PPP1R16B	0	1.755388	0.394	0.025	0 T/NK Cells	PPP1R16B
CD8B	0	1.748202	0.301	0.009	0 T/NK Cells	CD8B
CAMK4	0	1.744345	0.392	0.015	0 T/NK Cells	CAMK4
TLE5	0	1.743256	0.628	0.21	0 T/NK Cells	TLE5
GNG2	0	1.73209	0.525	0.133	0 T/NK Cells	GNG2
SYNE2	0	1.730904	0.413	0.022	0 T/NK Cells	SYNE2
DUSP2	0	1.728496	0.738	0.402	0 T/NK Cells	DUSP2
ARL4C	0	1.718029	0.561	0.141	0 T/NK Cells	ARL4C
CXCR4	0	1.715086	0.803	0.457	0 T/NK Cells	CXCR4
LTB	0	1.71465	0.355	0.035	0 T/NK Cells	LTB
CD3G	0	1.709478	0.441	0.012	0 T/NK Cells	CD3G
S100A4	0	1.697433	0.664	0.296	0 T/NK Cells	S100A4
TENT5C	0	1.695536	0.47	0.066	0 T/NK Cells	TENT5C
CD44	0	1.691918	0.605	0.142	0 T/NK Cells	CD44
RPS27	0	1.690927	0.938	0.875	0 T/NK Cells	RPS27
TOX	0	1.682601	0.305	0.015	0 T/NK Cells	TOX
THEMIS	0	1.682506	0.351	0.012	0 T/NK Cells	THEMIS
OXNAD1	0	1.654539	0.423	0.049	0 T/NK Cells	OXNAD1
KLRK1	0	1.652738	0.362	0.009	0 T/NK Cells	KLRK1
SMCHD1	0	1.646334	0.614	0.283	0 T/NK Cells	SMCHD1
GZMM	0	1.579385	0.398	0.01	0 T/NK Cells	GZMM
ADGRE5	0	1.566285	0.522	0.144	0 T/NK Cells	ADGRE5
SEPTIN9	0	1.56171	0.516	0.099	0 T/NK Cells	SEPTIN9
PPP2R5C	0	1.559545	0.54	0.194	0 T/NK Cells	PPP2R5C
ITM2A	0	1.539305	0.396	0.016	0 T/NK Cells	ITM2A
ACAP1	0	1.527947	0.432	0.038	0 T/NK Cells	ACAP1
SEPTIN1	0	1.519266	0.445	0.044	0 T/NK Cells	SEPTIN1
TRBC1	0	1.516704	0.327	0.009	0 T/NK Cells	TRBC1
CD6	0	1.516213	0.376	0.014	0 T/NK Cells	CD6
ZFP36L2	0	1.507613	0.925	0.836	0 T/NK Cells	ZFP36L2
LIME1	0	1.505729	0.393	0.018	0 T/NK Cells	LIME1
RPS26	0	1.487321	0.897	0.813	0 T/NK Cells	RPS26
RNF125	0	1.48615	0.436	0.109	0 T/NK Cells	RNF125
CNN2	0	1.469995	0.435	0.054	0 T/NK Cells	CNN2
PTPN22	0	1.467939	0.363	0.047	0 T/NK Cells	PTPN22
ITGA4	0	1.458271	0.427	0.091	0 T/NK Cells	ITGA4
CDC42SE2	0	1.4402	0.534	0.239	0 T/NK Cells	CDC42SE2
MYL12A	0	1.439888	0.761	0.54	0 T/NK Cells	MYL12A

RPS29	0	1.438483	0.807	0.645	0 T/NK Cells RPS29
ZAP70	0	1.438016	0.376	0.011	0 T/NK Cells ZAP70
IQGAP2	0	1.430361	0.459	0.134	0 T/NK Cells IQGAP2
FNBP1	0	1.430361	0.55	0.245	0 T/NK Cells FNBP1
CD48	0	1.429705	0.453	0.071	0 T/NK Cells CD48
HLA-A	0	1.420082	0.929	0.836	0 T/NK Cells HLA-A
RNF19A	0	1.419081	0.425	0.162	0 T/NK Cells RNF19A
S100A10	0	1.418122	0.553	0.121	0 T/NK Cells S100A10
PDE7A	0	1.409638	0.429	0.126	0 T/NK Cells PDE7A
PIP4K2A	0	1.403051	0.537	0.258	0 T/NK Cells PIP4K2A
RPS15A	0	1.400324	0.927	0.887	0 T/NK Cells RPS15A
TBC1D10C	0	1.398756	0.411	0.045	0 T/NK Cells TBC1D10C
RESF1	0	1.393729	0.514	0.223	0 T/NK Cells RESF1
RPL41	0	1.390538	0.894	0.813	0 T/NK Cells RPL41
SPON2	0	1.389659	0.265	0.039	0 T/NK Cells SPON2
STK17A	0	1.388718	0.622	0.308	0 T/NK Cells STK17A
CCND3	0	1.364436	0.64	0.343	0 T/NK Cells CCND3
AKNA	0	1.354631	0.498	0.204	0 T/NK Cells AKNA
CRYBG1	0	1.352864	0.372	0.095	0 T/NK Cells CRYBG1
ICOS	0	1.346219	0.266	0.008	0 T/NK Cells ICOS
ABLIM1	0	1.334155	0.306	0.015	0 T/NK Cells ABLIM1
INPP4B	0	1.33276	0.301	0.042	0 T/NK Cells INPP4B
PYHIN1	0	1.330656	0.282	0.009	0 T/NK Cells PYHIN1
CD27	0	1.329346	0.321	0.009	0 T/NK Cells CD27
IKZF3	0	1.317956	0.311	0.015	0 T/NK Cells IKZF3
SLC9A3R1	0	1.309186	0.4	0.064	0 T/NK Cells SLC9A3R1
ERN1	0	1.30888	0.434	0.176	0 T/NK Cells ERN1
CD69	0	1.308449	0.752	0.494	0 T/NK Cells CD69
PDE4D	0	1.305999	0.347	0.088	0 T/NK Cells PDE4D
HOPX	0	1.304017	0.289	0.016	0 T/NK Cells HOPX
LAT	0	1.303393	0.359	0.015	0 T/NK Cells LAT
RPL30	0	1.303328	0.928	0.894	0 T/NK Cells RPL30
CCDC88C	0	1.303322	0.318	0.017	0 T/NK Cells CCDC88C
CDC14A	0	1.29962	0.281	0.081	0 T/NK Cells CDC14A
SOCS1	0	1.297406	0.428	0.136	0 T/NK Cells SOCS1
SAMD3	0	1.287485	0.295	0.009	0 T/NK Cells SAMD3
CALM1	0	1.287167	0.819	0.64	0 T/NK Cells CALM1
GIMAP7	0	1.286033	0.384	0.096	0 T/NK Cells GIMAP7
TSPYL2	0	1.285424	0.398	0.15	0 T/NK Cells TSPYL2
CDK17	0	1.283015	0.404	0.143	0 T/NK Cells CDK17
ANXA6	0	1.27779	0.368	0.032	0 T/NK Cells ANXA6
ARAP2	0	1.277764	0.35	0.088	0 T/NK Cells ARAP2
RIPOR2	0	1.27601	0.335	0.061	0 T/NK Cells RIPOR2
PTPRC	0	1.263965	0.874	0.701	0 T/NK Cells PTPRC
FCMR	0	1.262842	0.359	0.033	0 T/NK Cells FCMR
RPS3	0	1.262179	0.919	0.879	0 T/NK Cells RPS3
SCML4	0	1.25991	0.395	0.106	0 T/NK Cells SCML4

TSC22D3	0	1.25927	0.854	0.707	0 T/NK Cells TSC22D3
CYFIP2	0	1.255805	0.331	0.021	0 T/NK Cells CYFIP2
SH3BGRL3	0	1.252262	0.811	0.664	0 T/NK Cells SH3BGRL3
ICAM3	0	1.248899	0.392	0.049	0 T/NK Cells ICAM3
IRF1	0	1.242249	0.439	0.169	0 T/NK Cells IRF1
FLNA	0	1.2388	0.363	0.068	0 T/NK Cells FLNA
FAM177A1	0	1.234678	0.42	0.178	0 T/NK Cells FAM177A1
ATP8A1	0	1.22971	0.281	0.053	0 T/NK Cells ATP8A1
ZNF831	0	1.227143	0.266	0.008	0 T/NK Cells ZNF831
S100A6	0	1.21321	0.62	0.194	0 T/NK Cells S100A6
FOXO1	0	1.208209	0.377	0.143	0 T/NK Cells FOXO1
SH2D2A	0	1.206939	0.298	0.015	0 T/NK Cells SH2D2A
PDCD4	0	1.203029	0.54	0.275	0 T/NK Cells PDCD4
LBH	0	1.195115	0.381	0.074	0 T/NK Cells LBH
TNFAIP3	0	1.193294	0.78	0.542	0 T/NK Cells TNFAIP3
RPL28	0	1.192663	0.941	0.92	0 T/NK Cells RPL28
RBM38	0	1.1906	0.396	0.118	0 T/NK Cells RBM38
RASA2	0	1.188325	0.413	0.166	0 T/NK Cells RASA2
LY6E	0	1.184185	0.556	0.214	0 T/NK Cells LY6E
MDFIC	0	1.181825	0.278	0.027	0 T/NK Cells MDFIC
PRKCQ	0	1.173622	0.281	0.032	0 T/NK Cells PRKCQ
LINC01619	0	1.171744	0.365	0.166	0 T/NK Cells LINC01619
RPS21	0	1.1664	0.884	0.799	0 T/NK Cells RPS21
EVL	0	1.155543	0.703	0.496	0 T/NK Cells EVL
SARAF	0	1.152686	0.857	0.737	0 T/NK Cells SARAF
RPS28	0	1.149045	0.917	0.876	0 T/NK Cells RPS28
TTC39C	0	1.137782	0.295	0.059	0 T/NK Cells TTC39C
LYAR	0	1.133212	0.327	0.087	0 T/NK Cells LYAR
NIBAN1	0	1.13084	0.352	0.172	0 T/NK Cells NIBAN1
MYH9	0	1.130183	0.682	0.472	0 T/NK Cells MYH9
CLEC2D	0	1.124554	0.327	0.078	0 T/NK Cells CLEC2D
SYNE1	0	1.12214	0.303	0.073	0 T/NK Cells SYNE1
RPS12	0	1.116131	0.934	0.918	0 T/NK Cells RPS12
AHNAK	0	1.109603	0.478	0.193	0 T/NK Cells AHNAK
GBP5	0	1.106659	0.272	0.03	0 T/NK Cells GBP5
ARHGDIB	0	1.101967	0.836	0.695	0 T/NK Cells ARHGDIB
RPS27A	0	1.100482	0.923	0.883	0 T/NK Cells RPS27A
CYTOR	0	1.100474	0.301	0.073	0 T/NK Cells CYTOR
RPL35A	0	1.098967	0.885	0.818	0 T/NK Cells RPL35A
KLF12	0	1.096582	0.267	0.054	0 T/NK Cells KLF12
IL2RB	0	1.093605	0.254	0.007	0 T/NK Cells IL2RB
ZC3HAV1	0	1.087587	0.527	0.273	0 T/NK Cells ZC3HAV1
EMB	0	1.086007	0.403	0.168	0 T/NK Cells EMB
ARHGEF1	0	1.082161	0.526	0.299	0 T/NK Cells ARHGEF1
CD5	0	1.080583	0.265	0.01	0 T/NK Cells CD5
LSP1	0	1.078596	0.619	0.306	0 T/NK Cells LSP1
SIK3	0	1.077134	0.566	0.423	0 T/NK Cells SIK3

RBL2	0	1.072344	0.384	0.138	0 T/NK Cells RBL2
SLFN5	0	1.06708	0.335	0.092	0 T/NK Cells SLFN5
HCST	0	1.063948	0.709	0.53	0 T/NK Cells HCST
EEF1D	0	1.059121	0.815	0.688	0 T/NK Cells EEF1D
RPL23A	0	1.053578	0.863	0.776	0 T/NK Cells RPL23A
EML4	0	1.046741	0.576	0.403	0 T/NK Cells EML4
SUN2	0	1.045123	0.418	0.17	0 T/NK Cells SUN2
OCIAD2	0	1.044651	0.293	0.021	0 T/NK Cells OCIAD2
ANXA1	0	1.042953	0.613	0.346	0 T/NK Cells ANXA1
PCNX1	0	1.042907	0.358	0.171	0 T/NK Cells PCNX1
ARHGEF3	0	1.041231	0.286	0.07	0 T/NK Cells ARHGEF3
STK17B	0	1.038348	0.634	0.394	0 T/NK Cells STK17B
CDKN1B	0	1.036053	0.353	0.12	0 T/NK Cells CDKN1B
HLA-B	0	1.035602	0.957	0.933	0 T/NK Cells HLA-B
DENND2D	0	1.03271	0.282	0.036	0 T/NK Cells DENND2D
HLA-F	0	1.023261	0.489	0.262	0 T/NK Cells HLA-F
HLA-C	0	1.017063	0.913	0.822	0 T/NK Cells HLA-C
OPTN	0	1.015873	0.267	0.014	0 T/NK Cells OPTN
IKZF1	0	1.015415	0.637	0.421	0 T/NK Cells IKZF1
PCED1B-AS	0	1.014438	0.537	0.336	0 T/NK Cells PCED1B-AS1
RPSA	0	1.01317	0.823	0.718	0 T/NK Cells RPSA
PSME1	0	1.012943	0.619	0.431	0 T/NK Cells PSME1
PTPN4	0	1.00993	0.291	0.062	0 T/NK Cells PTPN4
PIK3IP1	0	1.002569	0.449	0.23	0 T/NK Cells PIK3IP1
RPS7	0	0.998778	0.904	0.86	0 T/NK Cells RPS7
CYTH1	0	0.997232	0.473	0.296	0 T/NK Cells CYTH1
STK4	0	0.986384	0.615	0.439	0 T/NK Cells STK4
FKBP11	0	0.986063	0.257	0.022	0 T/NK Cells FKBP11
SYTL3	0	0.981912	0.634	0.413	0 T/NK Cells SYTL3
PBXIP1	0	0.981776	0.291	0.07	0 T/NK Cells PBXIP1
RPS25	0	0.980246	0.893	0.845	0 T/NK Cells RPS25
RPL34	0	0.979131	0.915	0.877	0 T/NK Cells RPL34
PSMB9	0	0.978046	0.494	0.285	0 T/NK Cells PSMB9
UBE2S	0	0.977281	0.469	0.28	0 T/NK Cells UBE2S
RPL39	0	0.976812	0.909	0.88	0 T/NK Cells RPL39
ABHD17A	0	0.976702	0.403	0.2	0 T/NK Cells ABHD17A
LCP1	0	0.9746	0.637	0.433	0 T/NK Cells LCP1
WIPF1	0	0.971783	0.538	0.329	0 T/NK Cells WIPF1
MATK	0	0.970872	0.268	0.041	0 T/NK Cells MATK
RPLP2	0	0.97077	0.892	0.838	0 T/NK Cells RPLP2
HERPUD2	0	0.967056	0.335	0.123	0 T/NK Cells HERPUD2
CCSER2	0	0.965841	0.34	0.147	0 T/NK Cells CCSER2
B2M	0	0.961851	0.972	0.973	0 T/NK Cells B2M
RPS4X	0	0.960869	0.897	0.855	0 T/NK Cells RPS4X
APOBEC3G	0	0.950947	0.297	0.098	0 T/NK Cells APOBEC3G
TOB1	0	0.949274	0.295	0.14	0 T/NK Cells TOB1
TERF2IP	0	0.94861	0.451	0.266	0 T/NK Cells TERF2IP

TMA7	0	0.946843	0.697	0.547	0 T/NK Cells TMA7
FAM107B	0	0.944861	0.391	0.166	0 T/NK Cells FAM107B
ABRACL	0	0.93892	0.377	0.147	0 T/NK Cells ABRACL
RPL14	0	0.936087	0.896	0.851	0 T/NK Cells RPL14
RHOH	0	0.932855	0.454	0.253	0 T/NK Cells RHOH
LRBA	0	0.932449	0.361	0.194	0 T/NK Cells LRBA
TNFAIP8	0	0.930169	0.341	0.141	0 T/NK Cells TNFAIP8
LDHB	0	0.926803	0.516	0.34	0 T/NK Cells LDHB
P2RY8	0	0.920028	0.347	0.174	0 T/NK Cells P2RY8
RPL32	0	0.919515	0.926	0.909	0 T/NK Cells RPL32
DDIT4	0	0.916851	0.686	0.522	0 T/NK Cells DDIT4
NAP1L4	0	0.909908	0.386	0.208	0 T/NK Cells NAP1L4
RPS14	0	0.907574	0.911	0.886	0 T/NK Cells RPS14
RPL10	0	0.907538	0.945	0.948	0 T/NK Cells RPL10
SNRPD2	0	0.905875	0.602	0.427	0 T/NK Cells SNRPD2
IFITM2	0	0.90246	0.634	0.512	0 T/NK Cells IFITM2
BUB3	0	0.900368	0.367	0.156	0 T/NK Cells BUB3
DOK2	0	0.896958	0.25	0.035	0 T/NK Cells DOK2
LIMD2	0	0.895785	0.495	0.33	0 T/NK Cells LIMD2
RPL18A	0	0.894164	0.913	0.882	0 T/NK Cells RPL18A
RALGAPA1	0	0.89365	0.339	0.173	0 T/NK Cells RALGAPA1
DIAPH1	0	0.89195	0.275	0.074	0 T/NK Cells DIAPH1
RPL36AL	0	0.89133	0.764	0.649	0 T/NK Cells RPL36AL
RABGAP1L	0	0.890966	0.514	0.384	0 T/NK Cells RABGAP1L
TSEN54	0	0.88813	0.268	0.056	0 T/NK Cells TSEN54
RHOF	0	0.887496	0.263	0.037	0 T/NK Cells RHOF
YPEL5	0	0.883093	0.522	0.362	0 T/NK Cells YPEL5
ADD3	0	0.879577	0.259	0.055	0 T/NK Cells ADD3
EZR	0	0.87605	0.564	0.396	0 T/NK Cells EZR
ITGAL	0	0.875525	0.263	0.088	0 T/NK Cells ITGAL
JAK1	0	0.875173	0.595	0.441	0 T/NK Cells JAK1
TRAF3IP3	0	0.873556	0.344	0.153	0 T/NK Cells TRAF3IP3
TMC8	0	0.873241	0.293	0.105	0 T/NK Cells TMC8
VAMP2	0	0.871739	0.5	0.323	0 T/NK Cells VAMP2
GYPC	0	0.864435	0.523	0.323	0 T/NK Cells GYPC
UTRN	0	0.864204	0.454	0.303	0 T/NK Cells UTRN
RPL19	0	0.861939	0.921	0.905	0 T/NK Cells RPL19
LINC01138	0	0.861039	0.283	0.125	0 T/NK Cells LINC01138
JUNB	0	0.857394	0.877	0.885	0 T/NK Cells JUNB
YWHAZ	0	0.855652	0.73	0.592	0 T/NK Cells YWHAZ
RPL7A	0	0.854414	0.906	0.869	0 T/NK Cells RPL7A
SEPTIN7	0	0.853673	0.511	0.342	0 T/NK Cells SEPTIN7
RPS15	0	0.852073	0.918	0.893	0 T/NK Cells RPS15
CD47	0	0.850001	0.372	0.186	0 T/NK Cells CD47
TOMM7	0	0.846647	0.68	0.553	0 T/NK Cells TOMM7
HINT1	0	0.844699	0.611	0.453	0 T/NK Cells HINT1
RPS18	0	0.84448	0.921	0.907	0 T/NK Cells RPS18

ARHGAP9	0	0.841517	0.401	0.235	0 T/NK Cells	ARHGAP9
DDX24	0	0.841018	0.619	0.483	0 T/NK Cells	DDX24
RPL11	0	0.839044	0.922	0.901	0 T/NK Cells	RPL11
DNAJC1	0	0.835317	0.339	0.172	0 T/NK Cells	DNAJC1
RBMS1	0	0.834953	0.38	0.248	0 T/NK Cells	RBMS1
TAP1	0	0.833708	0.294	0.111	0 T/NK Cells	TAP1
RPL36	0	0.832662	0.885	0.828	0 T/NK Cells	RPL36
PAXX	0	0.831794	0.467	0.302	0 T/NK Cells	PAXX
GLCCI1	0	0.822965	0.318	0.162	0 T/NK Cells	GLCCI1
AAK1	0	0.822308	0.386	0.246	0 T/NK Cells	AAK1
RPL13	0	0.820963	0.941	0.938	0 T/NK Cells	RPL13
RGCC	0	0.819368	0.5	0.284	0 T/NK Cells	RGCC
RPL21	0	0.818476	0.815	0.739	0 T/NK Cells	RPL21
PTMA	0	0.817398	0.931	0.907	0 T/NK Cells	PTMA
SPTAN1	0	0.815507	0.412	0.249	0 T/NK Cells	SPTAN1
RPL6	0	0.811096	0.892	0.857	0 T/NK Cells	RPL6
PPP1R2	0	0.81045	0.421	0.273	0 T/NK Cells	PPP1R2
RAP1B	0	0.80987	0.549	0.419	0 T/NK Cells	RAP1B
EPB41	0	0.809713	0.329	0.186	0 T/NK Cells	EPB41
ANKRD12	0	0.809488	0.47	0.333	0 T/NK Cells	ANKRD12
PTPN7	0	0.803283	0.272	0.096	0 T/NK Cells	PTPN7
ARID4B	0	0.79859	0.467	0.337	0 T/NK Cells	ARID4B
RPLP1	0	0.798352	0.949	0.95	0 T/NK Cells	RPLP1
SSR2	0	0.792873	0.544	0.395	0 T/NK Cells	SSR2
KLF13	0	0.790078	0.353	0.193	0 T/NK Cells	KLF13
EEF1A1	0	0.788983	0.95	0.965	0 T/NK Cells	EEF1A1
TAGLN2	0	0.780393	0.502	0.326	0 T/NK Cells	TAGLN2
GMFG	0	0.778968	0.57	0.427	0 T/NK Cells	GMFG
RNF213	0	0.778714	0.546	0.442	0 T/NK Cells	RNF213
RPS5	0	0.775827	0.838	0.769	0 T/NK Cells	RPS5
RPS3A	0	0.771283	0.903	0.876	0 T/NK Cells	RPS3A
SUB1	0	0.769641	0.572	0.447	0 T/NK Cells	SUB1
SLC2A3	0	0.768535	0.571	0.386	0 T/NK Cells	SLC2A3
HMOX2	0	0.767775	0.267	0.094	0 T/NK Cells	HMOX2
RFTN1	0	0.767507	0.274	0.126	0 T/NK Cells	RFTN1
PPP3CC	0	0.765751	0.264	0.105	0 T/NK Cells	PPP3CC
CASP8	0	0.765473	0.269	0.124	0 T/NK Cells	CASP8
RPL24	0	0.762841	0.862	0.809	0 T/NK Cells	RPL24
RPL37	0	0.757341	0.899	0.864	0 T/NK Cells	RPL37
FXYD5	0	0.755393	0.682	0.56	0 T/NK Cells	FXYD5
STT3B	0	0.7553	0.325	0.182	0 T/NK Cells	STT3B
H1FX	0	0.754968	0.498	0.394	0 T/NK Cells	H1FX
RPS19	0	0.751521	0.935	0.922	0 T/NK Cells	RPS19
RPL18	0	0.750968	0.899	0.872	0 T/NK Cells	RPL18
STK10	0	0.748295	0.381	0.231	0 T/NK Cells	STK10
TSTD1	0	0.744726	0.274	0.1	0 T/NK Cells	TSTD1
FAU	0	0.743787	0.904	0.877	0 T/NK Cells	FAU

ARF6	0	0.741456	0.458	0.306	0 T/NK Cells ARF6
NOP53	0	0.738787	0.545	0.425	0 T/NK Cells NOP53
RPS4Y1	0	0.733522	0.471	0.42	0 T/NK Cells RPS4Y1
BIN2	0	0.732893	0.391	0.257	0 T/NK Cells BIN2
SIGIRR	0	0.730587	0.294	0.132	0 T/NK Cells SIGIRR
PLP2	0	0.730485	0.296	0.133	0 T/NK Cells PLP2
RPL10A	0	0.730008	0.823	0.762	0 T/NK Cells RPL10A
GSTK1	0	0.725818	0.504	0.376	0 T/NK Cells GSTK1
GSPT1	0	0.721013	0.382	0.274	0 T/NK Cells GSPT1
KMT2E	0	0.717199	0.532	0.422	0 T/NK Cells KMT2E
CORO1A	0	0.714422	0.712	0.627	0 T/NK Cells CORO1A
GUK1	0	0.712163	0.538	0.402	0 T/NK Cells GUK1
CD99	0	0.711474	0.699	0.578	0 T/NK Cells CD99
SRPK2	0	0.710566	0.304	0.182	0 T/NK Cells SRPK2
NSMCE3	0	0.708104	0.288	0.133	0 T/NK Cells NSMCE3
SRSF7	0	0.705975	0.718	0.623	0 T/NK Cells SRSF7
ARPC5L	0	0.704203	0.291	0.137	0 T/NK Cells ARPC5L
RSBN1	0	0.703431	0.252	0.112	0 T/NK Cells RSBN1
RPL38	0	0.700827	0.713	0.636	0 T/NK Cells RPL38
G3BP2	0	0.697419	0.349	0.223	0 T/NK Cells G3BP2
PACS1	0	0.697114	0.325	0.227	0 T/NK Cells PACS1
PFN1	0	0.693844	0.857	0.829	0 T/NK Cells PFN1
DGKZ	0	0.692113	0.277	0.123	0 T/NK Cells DGKZ
UBALD2	0	0.690133	0.427	0.28	0 T/NK Cells UBALD2
DUSP5	0	0.684364	0.298	0.149	0 T/NK Cells DUSP5
ACTN4	0	0.682299	0.304	0.158	0 T/NK Cells ACTN4
PTP4A2	0	0.681411	0.44	0.316	0 T/NK Cells PTP4A2
SHISA5	0	0.67743	0.33	0.181	0 T/NK Cells SHISA5
CUTA	0	0.674777	0.409	0.274	0 T/NK Cells CUTA
CORO7	0	0.673459	0.37	0.281	0 T/NK Cells CORO7
MZT2A	0	0.670102	0.316	0.159	0 T/NK Cells MZT2A
VPS37B	0	0.668846	0.37	0.277	0 T/NK Cells VPS37B
OST4	0	0.662496	0.587	0.472	0 T/NK Cells OST4
HNRNPA1	0	0.662113	0.731	0.667	0 T/NK Cells HNRNPA1
RPL8	0	0.661731	0.886	0.853	0 T/NK Cells RPL8
IQGAP1	0	0.66071	0.434	0.301	0 T/NK Cells IQGAP1
SEMA4D	0	0.65935	0.372	0.269	0 T/NK Cells SEMA4D
RPL26	0	0.657568	0.908	0.887	0 T/NK Cells RPL26
CCDC107	0	0.653715	0.281	0.14	0 T/NK Cells CCDC107
RASAL3	0	0.652663	0.339	0.211	0 T/NK Cells RASAL3
KMT2A	0	0.652497	0.315	0.203	0 T/NK Cells KMT2A
MYL12B	0	0.649474	0.637	0.551	0 T/NK Cells MYL12B
HERC1	0	0.647378	0.328	0.232	0 T/NK Cells HERC1
SSBP4	0	0.647216	0.318	0.19	0 T/NK Cells SSBP4
ARHGAP15	0	0.64671	0.611	0.56	0 T/NK Cells ARHGAP15
RPL3	0	0.644343	0.889	0.868	0 T/NK Cells RPL3
LDHA	0	0.639114	0.544	0.453	0 T/NK Cells LDHA

MCUB	0	0.638026	0.305	0.173	0 T/NK Cells	MCUB
RPL13A	0	0.63793	0.795	0.738	0 T/NK Cells	RPL13A
NDUFS5	0	0.637726	0.495	0.387	0 T/NK Cells	NDUFS5
SOD1	0	0.636808	0.459	0.346	0 T/NK Cells	SOD1
CIB1	0	0.636134	0.441	0.326	0 T/NK Cells	CIB1
CLEC2B	0	0.63325	0.415	0.309	0 T/NK Cells	CLEC2B
CASK	0	0.631183	0.27	0.18	0 T/NK Cells	CASK
RSRP1	0	0.629402	0.522	0.423	0 T/NK Cells	RSRP1
RPL22	0	0.629232	0.8	0.747	0 T/NK Cells	RPL22
PRKCB	0	0.625796	0.346	0.245	0 T/NK Cells	PRKCB
SEPTIN6	0	0.624531	0.406	0.299	0 T/NK Cells	SEPTIN6
STAT1	0	0.623883	0.268	0.183	0 T/NK Cells	STAT1
RPL35	0	0.623284	0.847	0.793	0 T/NK Cells	RPL35
RPL31	0	0.622537	0.73	0.66	0 T/NK Cells	RPL31
RPS24	0	0.62157	0.915	0.9	0 T/NK Cells	RPS24
RPL9	0	0.619126	0.825	0.789	0 T/NK Cells	RPL9
C9orf78	0	0.618293	0.33	0.205	0 T/NK Cells	C9orf78
RPS2	0	0.6177	0.877	0.849	0 T/NK Cells	RPS2
PRMT2	0	0.614841	0.379	0.274	0 T/NK Cells	PRMT2
SYNRG	0	0.609184	0.291	0.191	0 T/NK Cells	SYNRG
OGA	0	0.607147	0.294	0.196	0 T/NK Cells	OGA
LITAF	0	0.605612	0.518	0.438	0 T/NK Cells	LITAF
PSMB8	0	0.602919	0.406	0.3	0 T/NK Cells	PSMB8
RPS23	0	0.602081	0.916	0.909	0 T/NK Cells	RPS23
NSD3	0	0.600298	0.353	0.251	0 T/NK Cells	NSD3
ACTG1	0	0.600186	0.82	0.79	0 T/NK Cells	ACTG1
BRD2	0	0.597375	0.54	0.464	0 T/NK Cells	BRD2
SP140	0	0.597324	0.283	0.18	0 T/NK Cells	SP140
COX7C	0	0.595927	0.666	0.592	0 T/NK Cells	COX7C
OGT	0	0.594048	0.324	0.233	0 T/NK Cells	OGT
HLA-E	0	0.593465	0.875	0.825	0 T/NK Cells	HLA-E
APRT	0	0.591109	0.48	0.366	0 T/NK Cells	APRT
AUTS2	0	0.585041	0.421	0.315	0 T/NK Cells	AUTS2
RPL17	0	0.583814	0.866	0.834	0 T/NK Cells	RPL17
RPL29	0	0.581152	0.897	0.878	0 T/NK Cells	RPL29
RPL12	0	0.579213	0.91	0.891	0 T/NK Cells	RPL12
ZBTB38	0	0.57861	0.252	0.16	0 T/NK Cells	ZBTB38
EMP3	0	0.57364	0.442	0.301	0 T/NK Cells	EMP3
NOP58	0	0.572338	0.326	0.232	0 T/NK Cells	NOP58
SRSF2	0	0.572276	0.569	0.526	0 T/NK Cells	SRSF2
MPHOSPH8	0	0.570884	0.33	0.243	0 T/NK Cells	MPHOSPH8
ANAPC16	0	0.570273	0.478	0.385	0 T/NK Cells	ANAPC16
TNFRSF14	0	0.569299	0.265	0.148	0 T/NK Cells	TNFRSF14
TRIR	0	0.567627	0.534	0.456	0 T/NK Cells	TRIR
TAPBP	0	0.56615	0.384	0.288	0 T/NK Cells	TAPBP
RPS13	0	0.565619	0.893	0.885	0 T/NK Cells	RPS13
SAP18	0	0.56482	0.496	0.426	0 T/NK Cells	SAP18

CASP4	0	0.563653	0.256	0.137	0 T/NK Cells	CASP4
MZT2B	0	0.562284	0.516	0.403	0 T/NK Cells	MZT2B
NFATC2	0	0.562102	0.372	0.293	0 T/NK Cells	NFATC2
MAZ	0	0.559931	0.25	0.127	0 T/NK Cells	MAZ
SP100	0	0.552839	0.565	0.51	0 T/NK Cells	SP100
TRAPPC10	0	0.551405	0.273	0.185	0 T/NK Cells	TRAPPC10
TMX4	0	0.548801	0.259	0.13	0 T/NK Cells	TMX4
ISG15	0	0.546915	0.281	0.185	0 T/NK Cells	ISG15
JUND	0	0.54301	0.812	0.788	0 T/NK Cells	JUND
NCOR1	0	0.540403	0.403	0.331	0 T/NK Cells	NCOR1
KIF2A	0	0.54019	0.275	0.18	0 T/NK Cells	KIF2A
AGO2	0	0.539587	0.257	0.17	0 T/NK Cells	AGO2
HNRNPL	0	0.536319	0.503	0.428	0 T/NK Cells	HNRNPL
CNBP	0	0.534746	0.594	0.516	0 T/NK Cells	CNBP
ATP5F1E	0	0.53376	0.793	0.746	0 T/NK Cells	ATP5F1E
SSR4	0	0.533537	0.576	0.49	0 T/NK Cells	SSR4
IDS	0	0.532371	0.479	0.415	0 T/NK Cells	IDS
VIM	0	0.531464	0.711	0.429	0 T/NK Cells	VIM
PRKACB	0	0.530091	0.256	0.164	0 T/NK Cells	PRKACB
RPL27	0	0.529345	0.756	0.704	0 T/NK Cells	RPL27
DDX6	0	0.528771	0.367	0.282	0 T/NK Cells	DDX6
LNPEP	0	0.528531	0.27	0.186	0 T/NK Cells	LNPEP
ANXA2	0	0.527365	0.257	0.11	0 T/NK Cells	ANXA2
CALM3	0	0.525624	0.33	0.216	0 T/NK Cells	CALM3
MIF	0	0.525214	0.649	0.539	0 T/NK Cells	MIF
RPL27A	0	0.524554	0.635	0.574	0 T/NK Cells	RPL27A
TXN	0	0.522637	0.309	0.189	0 T/NK Cells	TXN
CHIC2	0	0.521082	0.258	0.165	0 T/NK Cells	CHIC2
ECH1	0	0.520521	0.315	0.214	0 T/NK Cells	ECH1
RPL36A	0	0.519195	0.785	0.753	0 T/NK Cells	RPL36A
FOSL2	0	0.518129	0.313	0.212	0 T/NK Cells	FOSL2
PFDN5	0	0.511571	0.772	0.717	0 T/NK Cells	PFDN5
RPL5	0	0.510323	0.849	0.835	0 T/NK Cells	RPL5
RBM8A	0	0.506998	0.448	0.375	0 T/NK Cells	RBM8A
DEF6	0	0.506713	0.386	0.301	0 T/NK Cells	DEF6
GPSM3	0	0.505799	0.49	0.423	0 T/NK Cells	GPSM3
LINC01578	0	0.505738	0.545	0.491	0 T/NK Cells	LINC01578
CBX4	0	0.503725	0.253	0.152	0 T/NK Cells	CBX4
GIMAP1	0	0.503723	0.273	0.175	0 T/NK Cells	GIMAP1
SNHG7	0	0.50292	0.307	0.214	0 T/NK Cells	SNHG7
C9orf16	0	0.500371	0.42	0.338	0 T/NK Cells	C9orf16
CCNI	0	0.500177	0.631	0.581	0 T/NK Cells	CCNI
COX7A2	0	0.499723	0.459	0.374	0 T/NK Cells	COX7A2
RPL37A	0	0.498926	0.806	0.771	0 T/NK Cells	RPL37A
UQCRB	0	0.496725	0.607	0.547	0 T/NK Cells	UQCRB
MED10	0	0.495995	0.254	0.153	0 T/NK Cells	MED10
IL16	0	0.490831	0.296	0.206	0 T/NK Cells	IL16

EIF3G	0	0.489989	0.522	0.464	0 T/NK Cells	EIF3G
TMC6	0	0.48998	0.255	0.161	0 T/NK Cells	TMC6
UBA52	0	0.489302	0.807	0.772	0 T/NK Cells	UBA52
PRKCH	0	0.488465	0.661	0.585	0 T/NK Cells	PRKCH
MBNL1	0	0.486854	0.71	0.67	0 T/NK Cells	MBNL1
RACK1	0	0.486551	0.847	0.819	0 T/NK Cells	RACK1
SEC61G	0	0.485732	0.362	0.273	0 T/NK Cells	SEC61G
ATP5MG	0	0.485113	0.665	0.608	0 T/NK Cells	ATP5MG
SNU13	0	0.484527	0.415	0.338	0 T/NK Cells	SNU13
RPS8	0	0.483563	0.918	0.917	0 T/NK Cells	RPS8
SKP1	0	0.476857	0.597	0.542	0 T/NK Cells	SKP1
ATP5IF1	0	0.475957	0.422	0.349	0 T/NK Cells	ATP5IF1
POLR2L	0	0.474957	0.376	0.291	0 T/NK Cells	POLR2L
PTGER4	0	0.474865	0.462	0.369	0 T/NK Cells	PTGER4
CCDC85B	0	0.472636	0.35	0.267	0 T/NK Cells	CCDC85B
COMMD6	0	0.468414	0.61	0.545	0 T/NK Cells	COMMD6
FGFR1OP2	0	0.467717	0.281	0.204	0 T/NK Cells	FGFR1OP2
YWHAB	0	0.464798	0.603	0.574	0 T/NK Cells	YWHAB
TOMM5	0	0.460044	0.277	0.192	0 T/NK Cells	TOMM5
PSME2	0	0.458785	0.424	0.352	0 T/NK Cells	PSME2
CARD16	0	0.458064	0.256	0.175	0 T/NK Cells	CARD16
RPS16	0	0.455789	0.841	0.825	0 T/NK Cells	RPS16
POLR3GL	0	0.455085	0.261	0.171	0 T/NK Cells	POLR3GL
BTF3	0	0.454631	0.735	0.699	0 T/NK Cells	BTF3
H2AFX	0	0.45106	0.303	0.216	0 T/NK Cells	H2AFX
RPL7	0	0.447348	0.65	0.609	0 T/NK Cells	RPL7
RPS20	0	0.445488	0.528	0.488	0 T/NK Cells	RPS20
TAP2	0	0.444958	0.258	0.182	0 T/NK Cells	TAP2
COX6C	0	0.441231	0.522	0.458	0 T/NK Cells	COX6C
ARPC2	0	0.440255	0.661	0.631	0 T/NK Cells	ARPC2
UBB	0	0.438775	0.692	0.67	0 T/NK Cells	UBB
SF3A2	0	0.43421	0.276	0.194	0 T/NK Cells	SF3A2
RPS6	0	0.432049	0.887	0.882	0 T/NK Cells	RPS6
ELOB	0	0.431329	0.51	0.441	0 T/NK Cells	ELOB
NPM1	0	0.425196	0.723	0.704	0 T/NK Cells	NPM1
RPLP0	0	0.419575	0.873	0.871	0 T/NK Cells	RPLP0
CHCHD2	0	0.406918	0.616	0.571	0 T/NK Cells	CHCHD2
NACA	0	0.397877	0.849	0.83	0 T/NK Cells	NACA
EIF1	0	0.38448	0.915	0.92	0 T/NK Cells	EIF1
HMGB1	0	0.379302	0.771	0.756	0 T/NK Cells	HMGB1
EIF3K	0	0.37554	0.613	0.572	0 T/NK Cells	EIF3K
EEF1B2	0	0.352232	0.773	0.756	0 T/NK Cells	EEF1B2
MALAT1	0	0.34983	0.999	0.986	0 T/NK Cells	MALAT1
SRP14	0	0.3465	0.633	0.604	0 T/NK Cells	SRP14
TMSB10	0	0.33165	0.923	0.924	0 T/NK Cells	TMSB10
RPS9	0	0.319254	0.856	0.858	0 T/NK Cells	RPS9
DNAJB1	0	0.311426	0.746	0.632	0 T/NK Cells	DNAJB1

MYL6	0	0.300279	0.773	0.767	0	T/NK Cells	MYL6
COX4I1	0	0.286574	0.744	0.733	0	T/NK Cells	COX4I1
HSPA8	0	0.276404	0.793	0.766	0	T/NK Cells	HSPA8
FOXP1	9.65E-307	0.593747	0.52	0.463	2.71E-302	T/NK Cells	FOXP1
ARHGAP30	2.86E-303	0.440205	0.263	0.187	8.05E-299	T/NK Cells	ARHGAP30
EEF2	1.38E-299	0.283259	0.753	0.76	3.87E-295	T/NK Cells	EEF2
RNF115	6.76E-293	0.539317	0.256	0.182	1.90E-288	T/NK Cells	RNF115
LYST	3.84E-292	0.646316	0.299	0.225	1.08E-287	T/NK Cells	LYST
ATP6V1G1	6.25E-292	0.424164	0.466	0.412	1.76E-287	T/NK Cells	ATP6V1G1
RSL24D1	1.21E-290	0.436716	0.317	0.244	3.41E-286	T/NK Cells	RSL24D1
TLE4	1.84E-289	0.475011	0.28	0.201	5.17E-285	T/NK Cells	TLE4
POLR1D	9.48E-289	0.4469	0.326	0.254	2.67E-284	T/NK Cells	POLR1D
ZBTB1	4.37E-286	0.486886	0.302	0.227	1.23E-281	T/NK Cells	ZBTB1
UBE2D2	6.72E-283	0.415524	0.505	0.461	1.89E-278	T/NK Cells	UBE2D2
TNRC6B	2.16E-282	0.632282	0.367	0.298	6.07E-278	T/NK Cells	TNRC6B
GPI	1.71E-279	0.425032	0.317	0.245	4.81E-275	T/NK Cells	GPI
EIF3F	6.59E-276	0.374242	0.535	0.499	1.86E-271	T/NK Cells	EIF3F
MAT2B	3.00E-273	0.411666	0.268	0.196	8.44E-269	T/NK Cells	MAT2B
INPP4A	7.81E-270	0.520514	0.254	0.181	2.20E-265	T/NK Cells	INPP4A
TMF1	5.62E-269	0.469832	0.26	0.189	1.58E-264	T/NK Cells	TMF1
CNOT2	3.42E-267	0.561591	0.342	0.277	9.62E-263	T/NK Cells	CNOT2
MAP2K2	5.12E-267	0.432786	0.308	0.24	1.44E-262	T/NK Cells	MAP2K2
AIP	9.59E-265	0.399839	0.253	0.182	2.70E-260	T/NK Cells	AIP
PGK1	1.03E-264	0.41297	0.543	0.508	2.90E-260	T/NK Cells	PGK1
EDF1	2.29E-264	0.385029	0.518	0.477	6.46E-260	T/NK Cells	EDF1
H2AFV	5.36E-264	0.380647	0.371	0.304	1.51E-259	T/NK Cells	H2AFV
GAS5	1.20E-263	0.452765	0.467	0.421	3.37E-259	T/NK Cells	GAS5
USP36	5.40E-262	0.531949	0.35	0.279	1.52E-257	T/NK Cells	USP36
FUS	8.30E-262	0.390278	0.625	0.605	2.33E-257	T/NK Cells	FUS
UQCR11	7.41E-261	0.367768	0.535	0.487	2.08E-256	T/NK Cells	UQCR11
GLG1	2.77E-255	0.487274	0.305	0.237	7.79E-251	T/NK Cells	GLG1
MAPK1	1.56E-250	0.531197	0.319	0.254	4.39E-246	T/NK Cells	MAPK1
SMARCA2	7.22E-246	0.492621	0.372	0.309	2.03E-241	T/NK Cells	SMARCA2
KRT10	1.16E-244	0.407588	0.358	0.295	3.26E-240	T/NK Cells	KRT10
RAD21	5.91E-244	0.387678	0.308	0.238	1.66E-239	T/NK Cells	RAD21
RSBN1L	5.34E-243	0.443401	0.259	0.191	1.50E-238	T/NK Cells	RSBN1L
PAIP2	3.43E-240	0.42995	0.369	0.31	9.64E-236	T/NK Cells	PAIP2
SNHG29	6.52E-239	0.380783	0.564	0.543	1.83E-234	T/NK Cells	SNHG29
UXT	2.65E-238	0.406283	0.381	0.325	7.46E-234	T/NK Cells	UXT
RAB8B	9.87E-238	0.476304	0.27	0.203	2.78E-233	T/NK Cells	RAB8B
CTBP1	6.22E-235	0.405739	0.278	0.211	1.75E-230	T/NK Cells	CTBP1
ATXN1	1.52E-234	0.742224	0.395	0.345	4.28E-230	T/NK Cells	ATXN1
UBL5	2.56E-229	0.375487	0.501	0.463	7.22E-225	T/NK Cells	UBL5
CHURC1	5.97E-228	0.427174	0.343	0.285	1.68E-223	T/NK Cells	CHURC1
SPSB3	2.57E-224	0.424371	0.288	0.225	7.22E-220	T/NK Cells	SPSB3
C19orf53	1.38E-221	0.393452	0.373	0.316	3.87E-217	T/NK Cells	C19orf53
ANXA11	2.94E-220	0.403853	0.368	0.314	8.28E-216	T/NK Cells	ANXA11

PPP4R3A	3.88E-220	0.423061	0.264	0.199	1.09E-215	T/NK Cells	PPP4R3A
BPTF	3.25E-219	0.504432	0.388	0.336	9.14E-215	T/NK Cells	BPTF
NCL	3.19E-218	0.312842	0.611	0.596	8.98E-214	T/NK Cells	NCL
SNHG6	1.46E-217	0.420355	0.478	0.442	4.10E-213	T/NK Cells	SNHG6
ZNF292	3.48E-217	0.481934	0.261	0.197	9.79E-213	T/NK Cells	ZNF292
GTF3A	6.36E-215	0.405513	0.349	0.29	1.79E-210	T/NK Cells	GTF3A
ATF7IP	1.48E-214	0.50034	0.358	0.298	4.15E-210	T/NK Cells	ATF7IP
NSA2	4.98E-211	0.379619	0.366	0.308	1.40E-206	T/NK Cells	NSA2
ASXL1	6.84E-211	0.458988	0.271	0.209	1.92E-206	T/NK Cells	ASXL1
PABPC1	8.67E-210	0.281906	0.805	0.835	2.44E-205	T/NK Cells	PABPC1
PHC3	3.21E-204	0.455715	0.255	0.194	9.04E-200	T/NK Cells	PHC3
CUL3	4.49E-201	0.517623	0.325	0.269	1.26E-196	T/NK Cells	CUL3
SETD2	1.72E-200	0.478104	0.304	0.245	4.83E-196	T/NK Cells	SETD2
SF1	3.29E-198	0.368467	0.557	0.538	9.25E-194	T/NK Cells	SF1
CARD11	8.28E-198	0.544977	0.251	0.191	2.33E-193	T/NK Cells	CARD11
TUBB4B	1.18E-197	0.4221	0.476	0.431	3.32E-193	T/NK Cells	TUBB4B
ST3GAL1	2.26E-196	0.450826	0.284	0.224	6.35E-192	T/NK Cells	ST3GAL1
WNK1	3.91E-195	0.552987	0.347	0.296	1.10E-190	T/NK Cells	WNK1
ESYT2	7.20E-195	0.403664	0.257	0.193	2.03E-190	T/NK Cells	ESYT2
UBE2L6	7.01E-194	0.394728	0.311	0.255	1.97E-189	T/NK Cells	UBE2L6
TUBA1A	1.89E-192	0.39245	0.365	0.306	5.33E-188	T/NK Cells	TUBA1A
PRRC2C	2.07E-191	0.404252	0.536	0.519	5.81E-187	T/NK Cells	PRRC2C
NOSIP	4.51E-191	0.494587	0.296	0.245	1.27E-186	T/NK Cells	NOSIP
PPP1CB	2.20E-190	0.50992	0.304	0.248	6.18E-186	T/NK Cells	PPP1CB
KANSL1	8.78E-187	0.542606	0.315	0.259	2.47E-182	T/NK Cells	KANSL1
KAT6A	1.30E-186	0.474614	0.263	0.204	3.66E-182	T/NK Cells	KAT6A
DIP2A	9.82E-182	0.484341	0.283	0.225	2.76E-177	T/NK Cells	DIP2A
DAZAP2	4.40E-181	0.312188	0.581	0.572	1.24E-176	T/NK Cells	DAZAP2
HNRNPUL1	8.09E-180	0.391714	0.412	0.37	2.28E-175	T/NK Cells	HNRNPUL1
RAB5IF	1.04E-179	0.392235	0.274	0.22	2.93E-175	T/NK Cells	RAB5IF
LSM14A	3.75E-178	0.420794	0.3	0.247	1.06E-173	T/NK Cells	LSM14A
CD55	1.15E-177	0.38785	0.408	0.352	3.24E-173	T/NK Cells	CD55
OSBPL8	6.47E-177	0.521418	0.393	0.35	1.82E-172	T/NK Cells	OSBPL8
EIF4A2	1.78E-176	0.365028	0.517	0.495	5.00E-172	T/NK Cells	EIF4A2
PKN1	5.55E-175	0.375018	0.282	0.229	1.56E-170	T/NK Cells	PKN1
UCP2	4.36E-173	0.442148	0.393	0.354	1.23E-168	T/NK Cells	UCP2
CACYBP	1.59E-172	0.392871	0.281	0.224	4.48E-168	T/NK Cells	CACYBP
PSMA5	2.22E-172	0.369951	0.262	0.21	6.25E-168	T/NK Cells	PSMA5
RNF167	4.83E-172	0.380062	0.271	0.22	1.36E-167	T/NK Cells	RNF167
SF3A1	9.67E-172	0.350964	0.278	0.224	2.72E-167	T/NK Cells	SF3A1
IK	1.23E-165	0.371365	0.273	0.219	3.46E-161	T/NK Cells	IK
RASA3	9.57E-165	0.529278	0.411	0.369	2.69E-160	T/NK Cells	RASA3
CLK1	3.63E-164	0.377219	0.419	0.379	1.02E-159	T/NK Cells	CLK1
MSN	5.13E-163	0.332467	0.551	0.534	1.44E-158	T/NK Cells	MSN
XRN1	2.33E-162	0.44131	0.26	0.208	6.56E-158	T/NK Cells	XRN1
SURF4	1.21E-161	0.374204	0.25	0.199	3.40E-157	T/NK Cells	SURF4
SYF2	1.36E-160	0.355908	0.285	0.234	3.83E-156	T/NK Cells	SYF2

NKTR	4.84E-155	0.49744	0.287	0.238	1.36E-150	T/NK Cells	NKTR
EPS15	2.46E-150	0.475952	0.308	0.261	6.93E-146	T/NK Cells	EPS15
BHLHE40	3.60E-150	0.434217	0.329	0.278	1.01E-145	T/NK Cells	BHLHE40
GCC2	5.47E-150	0.449501	0.282	0.234	1.54E-145	T/NK Cells	GCC2
SUMO2	1.46E-149	0.266617	0.565	0.554	4.11E-145	T/NK Cells	SUMO2
RBM39	5.91E-149	0.312563	0.65	0.658	1.66E-144	T/NK Cells	RBM39
TRIM22	4.29E-148	0.468134	0.407	0.377	1.21E-143	T/NK Cells	TRIM22
COX7A2L	1.30E-146	0.353055	0.312	0.268	3.67E-142	T/NK Cells	COX7A2L
SUMO1	3.30E-145	0.320701	0.273	0.226	9.29E-141	T/NK Cells	SUMO1
C4orf3	1.92E-144	0.327843	0.356	0.315	5.41E-140	T/NK Cells	C4orf3
KDM2A	4.15E-144	0.41745	0.306	0.258	1.17E-139	T/NK Cells	KDM2A
HECA	9.53E-144	0.369574	0.281	0.229	2.68E-139	T/NK Cells	HECA
METTL26	5.65E-142	0.335823	0.255	0.207	1.59E-137	T/NK Cells	METTL26
STUB1	5.85E-141	0.334431	0.261	0.214	1.65E-136	T/NK Cells	STUB1
RPS17	8.11E-140	0.31293	0.481	0.462	2.28E-135	T/NK Cells	RPS17
SET	6.86E-137	0.302928	0.43	0.4	1.93E-132	T/NK Cells	SET
CIRBP	2.16E-135	0.268855	0.637	0.647	6.07E-131	T/NK Cells	CIRBP
GPATCH8	2.32E-135	0.4784	0.267	0.222	6.53E-131	T/NK Cells	GPATCH8
KDM4C	3.57E-135	0.431329	0.255	0.208	1.01E-130	T/NK Cells	KDM4C
SRP9	1.09E-134	0.321453	0.305	0.262	3.06E-130	T/NK Cells	SRP9
CYCS	1.50E-134	0.357475	0.402	0.369	4.22E-130	T/NK Cells	CYCS
RWDD1	1.90E-134	0.356263	0.312	0.269	5.34E-130	T/NK Cells	RWDD1
PPP1R12A	3.10E-131	0.415483	0.36	0.327	8.73E-127	T/NK Cells	PPP1R12A
YWHAQ	4.16E-131	0.330737	0.388	0.356	1.17E-126	T/NK Cells	YWHAQ
IDH2	1.48E-130	0.302763	0.267	0.221	4.17E-126	T/NK Cells	IDH2
CMPK1	4.96E-130	0.323564	0.252	0.207	1.40E-125	T/NK Cells	CMPK1
RABAC1	9.97E-128	0.356753	0.383	0.35	2.81E-123	T/NK Cells	RABAC1
ANKHD1	1.35E-125	0.39972	0.342	0.304	3.79E-121	T/NK Cells	ANKHD1
SF3B5	1.69E-125	0.323791	0.366	0.333	4.75E-121	T/NK Cells	SF3B5
DHX36	8.42E-125	0.408749	0.299	0.26	2.37E-120	T/NK Cells	DHX36
NDUFA12	1.24E-124	0.293094	0.255	0.21	3.48E-120	T/NK Cells	NDUFA12
TAF7	1.92E-123	0.33483	0.262	0.218	5.41E-119	T/NK Cells	TAF7
ADAR	1.27E-120	0.384308	0.329	0.292	3.57E-116	T/NK Cells	ADAR
PPP1R18	4.00E-120	0.351331	0.324	0.289	1.13E-115	T/NK Cells	PPP1R18
BAZ1A	5.82E-120	0.412086	0.315	0.276	1.64E-115	T/NK Cells	BAZ1A
PPP1CA	4.18E-118	0.33438	0.399	0.379	1.18E-113	T/NK Cells	PPP1CA
PARK7	1.96E-116	0.317028	0.416	0.391	5.52E-112	T/NK Cells	PARK7
JTB	2.98E-115	0.317652	0.343	0.309	8.37E-111	T/NK Cells	JTB
GIMAP4	2.04E-114	0.34172	0.348	0.31	5.75E-110	T/NK Cells	GIMAP4
SNRPB	1.17E-113	0.311108	0.365	0.336	3.29E-109	T/NK Cells	SNRPB
PHF3	2.91E-113	0.372635	0.291	0.251	8.19E-109	T/NK Cells	PHF3
NCOA2	7.89E-113	0.469185	0.26	0.218	2.22E-108	T/NK Cells	NCOA2
PSMA7	1.03E-111	0.283486	0.487	0.477	2.89E-107	T/NK Cells	PSMA7
CYLD	1.94E-109	0.348547	0.251	0.211	5.46E-105	T/NK Cells	CYLD
SCAND1	1.13E-107	0.345692	0.346	0.316	3.18E-103	T/NK Cells	SCAND1
BCL2	1.60E-107	0.653017	0.376	0.354	4.50E-103	T/NK Cells	BCL2
CLIC1	3.22E-106	0.251959	0.637	0.651	9.07E-102	T/NK Cells	CLIC1

SBDS	2.97E-105	0.342887	0.291	0.255	8.35E-101	T/NK Cells	SBDS
SERBP1	3.07E-104	0.302259	0.425	0.409	8.63E-100	T/NK Cells	SERBP1
TMEM258	3.98E-104	0.306959	0.401	0.377	1.12E-99	T/NK Cells	TMEM258
PLEKHA2	1.74E-103	0.457321	0.264	0.225	4.91E-99	T/NK Cells	PLEKHA2
NDUFB8	8.06E-102	0.302693	0.396	0.374	2.27E-97	T/NK Cells	NDUFB8
HELZ	1.40E-101	0.39714	0.254	0.216	3.94E-97	T/NK Cells	HELZ
TAGAP	9.28E-101	0.254489	0.529	0.495	2.61E-96	T/NK Cells	TAGAP
STK24	1.23E-100	0.37545	0.282	0.244	3.46E-96	T/NK Cells	STK24
EIF3H	6.09E-99	0.270032	0.478	0.469	1.71E-94	T/NK Cells	EIF3H
HMGN1	2.16E-97	0.282586	0.469	0.459	6.07E-93	T/NK Cells	HMGN1
COPS9	7.27E-97	0.284098	0.261	0.225	2.05E-92	T/NK Cells	COPS9
USP3	4.01E-96	0.403841	0.286	0.251	1.13E-91	T/NK Cells	USP3
ERP29	7.41E-96	0.285404	0.422	0.405	2.08E-91	T/NK Cells	ERP29
HNRNPA0	3.54E-95	0.301537	0.472	0.469	9.97E-91	T/NK Cells	HNRNPA0
RBM3	2.78E-94	0.275055	0.477	0.472	7.81E-90	T/NK Cells	RBM3
EMD	9.62E-94	0.323351	0.307	0.276	2.71E-89	T/NK Cells	EMD
HIGD2A	1.08E-93	0.288443	0.439	0.423	3.04E-89	T/NK Cells	HIGD2A
EPC1	6.63E-93	0.332219	0.479	0.47	1.87E-88	T/NK Cells	EPC1
PIK3R1	5.35E-91	0.385615	0.506	0.511	1.50E-86	T/NK Cells	PIK3R1
AKAP9	9.08E-89	0.405559	0.299	0.269	2.55E-84	T/NK Cells	AKAP9
ITGB1	1.08E-88	0.458938	0.365	0.353	3.03E-84	T/NK Cells	ITGB1
KHDRBS1	1.69E-87	0.285076	0.383	0.361	4.75E-83	T/NK Cells	KHDRBS1
TOMM20	5.24E-87	0.29486	0.378	0.36	1.48E-82	T/NK Cells	TOMM20
TRMT112	3.08E-86	0.303102	0.398	0.383	8.66E-82	T/NK Cells	TRMT112
TIPARP	1.08E-84	0.317147	0.265	0.228	3.04E-80	T/NK Cells	TIPARP
MIER1	4.26E-84	0.348475	0.251	0.219	1.20E-79	T/NK Cells	MIER1
FKBP8	5.16E-81	0.270619	0.39	0.375	1.45E-76	T/NK Cells	FKBP8
MACF1	1.59E-80	0.370035	0.452	0.443	4.47E-76	T/NK Cells	MACF1
MAPK1IP1L	2.89E-80	0.302096	0.328	0.303	8.14E-76	T/NK Cells	MAPK1IP1L
DYNLT1	3.72E-80	0.372974	0.326	0.301	1.05E-75	T/NK Cells	DYNLT1
ELOVL5	6.81E-80	0.354154	0.308	0.281	1.92E-75	T/NK Cells	ELOVL5
BBX	3.04E-79	0.381643	0.273	0.242	8.56E-75	T/NK Cells	BBX
EIF4B	1.27E-78	0.272827	0.387	0.371	3.58E-74	T/NK Cells	EIF4B
LSM7	4.38E-78	0.278254	0.339	0.314	1.23E-73	T/NK Cells	LSM7
TPR	1.23E-77	0.330809	0.306	0.28	3.47E-73	T/NK Cells	TPR
TGFB1	2.26E-77	0.346623	0.627	0.663	6.35E-73	T/NK Cells	TGFB1
PET100	2.66E-75	0.312634	0.256	0.226	7.49E-71	T/NK Cells	PET100
RHOC	3.06E-75	0.334548	0.277	0.252	8.60E-71	T/NK Cells	RHOC
NDFIP1	6.95E-74	0.436507	0.377	0.371	1.96E-69	T/NK Cells	NDFIP1
BZW1	1.30E-73	0.2638	0.399	0.384	3.64E-69	T/NK Cells	BZW1
SMAD7	4.54E-73	0.313554	0.268	0.236	1.28E-68	T/NK Cells	SMAD7
SMDT1	1.19E-72	0.30524	0.374	0.357	3.35E-68	T/NK Cells	SMDT1
RSF1	1.63E-71	0.345153	0.302	0.278	4.58E-67	T/NK Cells	RSF1
CSK	1.73E-68	0.27683	0.331	0.313	4.87E-64	T/NK Cells	CSK
NDUFB10	2.36E-67	0.254413	0.316	0.293	6.63E-63	T/NK Cells	NDUFB10
EIF3E	1.24E-66	0.261967	0.429	0.426	3.48E-62	T/NK Cells	EIF3E
GPBP1	3.50E-66	0.339807	0.316	0.294	9.86E-62	T/NK Cells	GPBP1

HNRNPR	1.14E-65	0.273897	0.277	0.253	3.21E-61	T/NK Cells	HNRNPR
TBCA	7.76E-64	0.277918	0.354	0.34	2.18E-59	T/NK Cells	TBCA
GRK2	1.93E-63	0.301862	0.297	0.275	5.43E-59	T/NK Cells	GRK2
SF3B2	4.34E-62	0.258751	0.394	0.386	1.22E-57	T/NK Cells	SF3B2
YTHDC1	6.87E-61	0.326385	0.295	0.274	1.93E-56	T/NK Cells	YTHDC1
UBE2I	1.39E-60	0.259917	0.301	0.28	3.91E-56	T/NK Cells	UBE2I
ITM2C	2.02E-60	0.559998	0.27	0.256	5.69E-56	T/NK Cells	ITM2C
BIRC6	4.08E-60	0.378925	0.337	0.319	1.15E-55	T/NK Cells	BIRC6
SLA	5.21E-59	0.376595	0.414	0.411	1.47E-54	T/NK Cells	SLA
POLR2A	2.32E-58	0.323074	0.288	0.266	6.53E-54	T/NK Cells	POLR2A
SRSF11	3.95E-58	0.305601	0.446	0.451	1.11E-53	T/NK Cells	SRSF11
FLI1	3.98E-58	0.309496	0.304	0.28	1.12E-53	T/NK Cells	FLI1
SND1	1.54E-57	0.342196	0.278	0.256	4.33E-53	T/NK Cells	SND1
USP34	1.06E-56	0.364362	0.312	0.293	2.99E-52	T/NK Cells	USP34
MAGOH	2.13E-56	0.25854	0.27	0.249	6.00E-52	T/NK Cells	MAGOH
VCP	1.06E-55	0.254057	0.399	0.391	2.97E-51	T/NK Cells	VCP
FP236383.3	3.03E-55	0.329179	0.427	0.512	8.53E-51	T/NK Cells	FP236383.3
GPS2	8.03E-54	0.26839	0.278	0.257	2.26E-49	T/NK Cells	GPS2
ARID1B	9.33E-54	0.413952	0.33	0.314	2.63E-49	T/NK Cells	ARID1B
MAX	2.33E-53	0.258706	0.278	0.256	6.57E-49	T/NK Cells	MAX
SNHG1	3.54E-53	0.256207	0.26	0.233	9.96E-49	T/NK Cells	SNHG1
JMJD6	3.66E-52	0.324262	0.272	0.253	1.03E-47	T/NK Cells	JMJD6
NDUFA3	4.37E-52	0.277454	0.312	0.294	1.23E-47	T/NK Cells	NDUFA3
RBIS	1.78E-51	0.260882	0.293	0.275	5.00E-47	T/NK Cells	RBIS
EIF3M	3.89E-51	0.258448	0.334	0.323	1.09E-46	T/NK Cells	EIF3M
C11orf58	2.28E-50	0.257933	0.395	0.394	6.41E-46	T/NK Cells	C11orf58
CREM	2.62E-50	0.394094	0.49	0.509	7.38E-46	T/NK Cells	CREM
MKNK2	8.02E-50	0.270284	0.265	0.244	2.26E-45	T/NK Cells	MKNK2
PSMB10	7.23E-49	0.290902	0.326	0.319	2.04E-44	T/NK Cells	PSMB10
DRAP1	1.17E-48	0.251973	0.43	0.432	3.30E-44	T/NK Cells	DRAP1
IDI1	3.14E-45	0.280741	0.29	0.272	8.82E-41	T/NK Cells	IDI1
TMEM50A	9.27E-45	0.256803	0.358	0.352	2.61E-40	T/NK Cells	TMEM50A
WDR33	3.89E-44	0.275778	0.252	0.233	1.09E-39	T/NK Cells	WDR33
PRPF4B	4.38E-44	0.29476	0.264	0.246	1.23E-39	T/NK Cells	PRPF4B
TAF1D	1.12E-43	0.289691	0.352	0.345	3.14E-39	T/NK Cells	TAF1D
ARHGAP45	1.75E-41	0.266024	0.315	0.303	4.92E-37	T/NK Cells	ARHGAP45
MAPRE2	1.18E-40	0.251537	0.347	0.333	3.32E-36	T/NK Cells	MAPRE2
OTUB1	1.37E-40	0.26142	0.277	0.264	3.85E-36	T/NK Cells	OTUB1
SRRM1	2.39E-40	0.251708	0.47	0.486	6.73E-36	T/NK Cells	SRRM1
AMD1	1.04E-39	0.281609	0.271	0.256	2.92E-35	T/NK Cells	AMD1
PLCL2	4.64E-38	0.343415	0.257	0.24	1.31E-33	T/NK Cells	PLCL2
TRAM1	1.23E-37	0.250289	0.283	0.271	3.45E-33	T/NK Cells	TRAM1
OSTF1	2.85E-36	0.255347	0.36	0.36	8.01E-32	T/NK Cells	OSTF1
TAX1BP1	1.09E-35	0.275347	0.334	0.33	3.08E-31	T/NK Cells	TAX1BP1
BCLAF1	1.63E-35	0.278328	0.385	0.388	4.59E-31	T/NK Cells	BCLAF1
TMEM123	1.40E-34	0.286892	0.273	0.263	3.95E-30	T/NK Cells	TMEM123
ARGLU1	7.59E-34	0.278756	0.451	0.467	2.14E-29	T/NK Cells	ARGLU1

GPRIN3	2.89E-32	0.355112	0.266	0.254	8.14E-28	T/NK Cells	GPRIN3
SP110	3.31E-31	0.287351	0.318	0.31	9.31E-27	T/NK Cells	SP110
MYADM	8.70E-31	0.270779	0.343	0.332	2.45E-26	T/NK Cells	MYADM
SMG1	7.73E-30	0.290855	0.26	0.248	2.17E-25	T/NK Cells	SMG1
ZBTB20	1.38E-28	0.42779	0.402	0.413	3.89E-24	T/NK Cells	ZBTB20
TUT4	9.53E-26	0.303479	0.253	0.243	2.68E-21	T/NK Cells	TUT4
TMEM259	5.33E-25	0.262531	0.294	0.292	1.50E-20	T/NK Cells	TMEM259
NR3C1	1.02E-23	0.322366	0.332	0.335	2.87E-19	T/NK Cells	NR3C1
DENND4A	8.12E-21	0.375472	0.312	0.312	2.28E-16	T/NK Cells	DENND4A
SLTM	1.05E-20	0.257401	0.331	0.335	2.95E-16	T/NK Cells	SLTM
ATRX	1.74E-19	0.279414	0.354	0.364	4.90E-15	T/NK Cells	ATRX
N4BP2L2	4.45E-11	0.272914	0.387	0.41	1.25E-06	T/NK Cells	N4BP2L2
PPP6R3	6.72E-11	0.276615	0.263	0.266	1.89E-06	T/NK Cells	PPP6R3
FP671120.4	4.74E-09	0.693312	0.404	0.424	0.000133	T/NK Cells	FP671120.4
PUM2	1.56E-08	0.267275	0.249	0.252	0.00044	T/NK Cells	PUM2
RAPGEF6	5.38E-06	0.286036	0.277	0.286	0.151468	T/NK Cells	RAPGEF6
AOAH	0.003233	0.559924	0.404	0.464	1	T/NK Cells	AOAH
STMN1	0	2.721054	0.726	0.18	0	Progenitor	STMN1
TUBB	0	2.378919	0.814	0.433	0	Progenitor	TUBB
MKI67	0	2.208329	0.502	0.013	0	Progenitor	MKI67
HIST1H4C	0	2.154539	0.613	0.335	0	Progenitor	HIST1H4C
HIST1H1E	0	2.018328	0.64	0.213	0	Progenitor	HIST1H1E
TUBA1B1	0	1.91079	0.945	0.723	0	Progenitor	TUBA1B
HMGN2	0	1.901266	0.744	0.483	0	Progenitor	HMGN2
TYMS	0	1.897578	0.424	0.014	0	Progenitor	TYMS
CENPF	0	1.897426	0.412	0.018	0	Progenitor	CENPF
UBE2C	0	1.848239	0.376	0.005	0	Progenitor	UBE2C
NUSAP1	0	1.847211	0.44	0.022	0	Progenitor	NUSAP1
RRM2	0	1.837441	0.401	0.012	0	Progenitor	RRM2
HIST1H2AI	0	1.811376	0.346	0.027	0	Progenitor	HIST1H2AI
TOP2A	0	1.786674	0.398	0.009	0	Progenitor	TOP2A
CCL21	0	1.700992	0.656	0.262	0	Progenitor	CCL2
HMGB2	0	1.69872	0.541	0.28	0	Progenitor	HMGB2
HIST1H1B	0	1.674234	0.353	0.023	0	Progenitor	HIST1H1B
H2AFZ	0	1.605513	0.695	0.475	0	Progenitor	H2AFZ
PCLAF	0	1.507619	0.374	0.013	0	Progenitor	PCLAF
TPX2	0	1.451449	0.353	0.009	0	Progenitor	TPX2
PTTG1	0	1.413149	0.354	0.056	0	Progenitor	PTTG1
ASPM	0	1.387107	0.291	0.004	0	Progenitor	ASPM
CKS1B	0	1.271317	0.353	0.05	0	Progenitor	CKS1B
AC011603.	0	1.260358	0.35	0.135	0	Progenitor	AC011603.2
CDK1	0	1.252185	0.322	0.023	0	Progenitor	CDK1
H2AFV1	0	1.240715	0.517	0.315	0	Progenitor	H2AFV
TK1	0	1.210682	0.294	0.011	0	Progenitor	TK1
TMPO	0	1.2084	0.488	0.208	0	Progenitor	TMPO
HIST1H1D	0	1.134655	0.324	0.103	0	Progenitor	HIST1H1D
KNL1	0	1.125995	0.291	0.01	0	Progenitor	KNL1

ANLN	0	1.082109	0.258	0.004	0	Progenitor ANLN
CDKN3	0	1.050262	0.272	0.012	0	Progenitor CDKN3
HMGB11	0	1.041693	0.767	0.759	0	Progenitor HMGB1
LMNB1	0	1.004707	0.332	0.062	0	Progenitor LMNB1
BIRC5	0	0.995761	0.263	0.003	0	Progenitor BIRC5
GTSE1	0	0.99127	0.26	0.004	0	Progenitor GTSE1
PRC1	0	0.975524	0.269	0.016	0	Progenitor PRC1
FP236383.3	0	0.974327	0.843	0.48	0	Progenitor FP236383.3
SMC4	0	0.967556	0.343	0.097	0	Progenitor SMC4
PFN11	0	0.867407	0.915	0.834	0	Progenitor PFN1
KIF22	0	0.840943	0.312	0.079	0	Progenitor KIF22
CENPM	0	0.823841	0.253	0.027	0	Progenitor CENPM
CKAP5	0	0.822553	0.322	0.118	0	Progenitor CKAP5
NCAPD2	0	0.819217	0.27	0.042	0	Progenitor NCAPD2
ACTB	0	0.80858	0.996	0.964	0	Progenitor ACTB
MCM7	0	0.800434	0.258	0.061	0	Progenitor MCM7
MT-ATP8	0	0.799502	0.919	0.783	0	Progenitor MT-ATP8
GAPDH	0	0.784117	0.917	0.853	0	Progenitor GAPDH
TACC3	0	0.735838	0.282	0.062	0	Progenitor TACC3
CKAP2	0	0.71985	0.262	0.08	0	Progenitor CKAP2
DTYMK	0	0.719124	0.255	0.053	0	Progenitor DTYMK
CARHSP1	0	0.681477	0.27	0.065	0	Progenitor CARHSP1
SMC2	0	0.666569	0.263	0.058	0	Progenitor SMC2
GOS2	3.71E-298	0.967388	0.323	0.124	1.04E-293	Progenitor GOS2
HIST1H1C	7.11E-294	1.033337	0.355	0.151	2.00E-289	Progenitor HIST1H1C
ANP32E	2.20E-262	0.797663	0.336	0.145	6.18E-258	Progenitor ANP32E
HAMP1	3.42E-257	1.108434	0.48	0.275	9.63E-253	Progenitor HAMP
PTMA1	6.78E-252	0.576117	0.941	0.912	1.91E-247	Progenitor PTMA
ZFP36L11	4.11E-249	0.689039	0.897	0.792	1.16E-244	Progenitor ZFP36L11
IL1RN	1.07E-245	0.922896	0.302	0.125	3.02E-241	Progenitor IL1RN
MT-CO1	3.99E-240	0.399213	0.987	0.982	1.12E-235	Progenitor MT-CO1
KPNA2	4.57E-240	0.926809	0.338	0.156	1.29E-235	Progenitor KPNA2
CKS21	9.67E-236	0.926661	0.46	0.257	2.72E-231	Progenitor CKS2
HLA-DQB1	5.87E-232	0.707863	0.773	0.582	1.65E-227	Progenitor HLA-DQB1
MT-CO2	7.44E-232	0.453422	0.979	0.964	2.09E-227	Progenitor MT-CO2
MT-ND5	4.13E-229	0.638645	0.908	0.845	1.16E-224	Progenitor MT-ND5
RPLP01	2.12E-227	0.505773	0.928	0.87	5.97E-223	Progenitor RPLP0
SMC1A	4.07E-219	0.787459	0.361	0.177	1.14E-214	Progenitor SMC1A
CFL1	1.25E-216	0.586908	0.862	0.831	3.52E-212	Progenitor CFL1
CCL4L21	1.93E-211	0.444559	0.869	0.685	5.44E-207	Progenitor CCL4L2
AC004448	2.70E-206	0.80857	0.391	0.194	7.60E-202	Progenitor AC004448.2
PPIA	4.78E-206	0.640457	0.812	0.799	1.35E-201	Progenitor PPIA
DNMT1	1.19E-204	0.743067	0.36	0.18	3.36E-200	Progenitor DNMT1
MT-ND6	1.62E-199	0.96549	0.684	0.516	4.57E-195	Progenitor MT-ND6
FP671120.4	3.29E-198	0.434692	0.654	0.412	9.25E-194	Progenitor FP671120.4
CALM31	2.46E-196	0.874795	0.418	0.24	6.93E-192	Progenitor CALM3
H2AFX1	1.66E-191	0.818092	0.413	0.233	4.68E-187	Progenitor H2AFX

NPC21	1.82E-188	0.670123	0.762	0.638	5.13E-184	Progenitor NPC2
RPA3	1.67E-184	0.588435	0.269	0.118	4.69E-180	Progenitor RPA3
HLA-DRB51	4.17E-183	0.583163	0.757	0.562	1.17E-178	Progenitor HLA-DRB5
RAD211	1.33E-178	0.826125	0.422	0.251	3.73E-174	Progenitor RAD21
PSAP1	4.18E-171	0.566854	0.871	0.765	1.18E-166	Progenitor PSAP
LGALS1	9.10E-168	1.076427	0.371	0.209	2.56E-163	Progenitor LGALS1
COTL1	2.03E-163	0.682547	0.715	0.639	5.70E-159	Progenitor COTL1
DEK	4.37E-161	0.843218	0.497	0.36	1.23E-156	Progenitor DEK
RNASE21	7.44E-157	0.845384	0.342	0.193	2.09E-152	Progenitor RNASE2
MT-ND4L	7.79E-156	0.425984	0.934	0.907	2.19E-151	Progenitor MT-ND4L
IDH21	2.30E-153	0.765046	0.383	0.228	6.47E-149	Progenitor IDH2
COX8A	9.84E-152	0.840676	0.559	0.465	2.77E-147	Progenitor COX8A
LSM4	1.72E-148	0.690202	0.363	0.207	4.83E-144	Progenitor LSM4
DBI1	4.71E-147	0.501234	0.755	0.629	1.33E-142	Progenitor DBI
C1QB1	1.61E-145	0.396874	0.854	0.703	4.53E-141	Progenitor C1QB
C31	3.79E-136	0.459285	0.817	0.68	1.07E-131	Progenitor C3
RANBP1	1.09E-133	0.721946	0.343	0.201	3.07E-129	Progenitor RANBP1
NUDT1	7.58E-133	0.476359	0.27	0.135	2.13E-128	Progenitor NUDT1
SAE1	2.47E-132	0.456734	0.26	0.126	6.95E-128	Progenitor SAE1
TUBA1C	5.88E-130	0.832968	0.415	0.273	1.66E-125	Progenitor TUBA1C
IL1B1	5.61E-124	0.294282	0.705	0.505	1.58E-119	Progenitor IL1B
APOC21	4.25E-122	0.468667	0.672	0.496	1.19E-117	Progenitor APOC2
FCGBP1	1.42E-121	0.562421	0.455	0.292	3.99E-117	Progenitor FCGBP
MZT2B1	3.74E-119	0.757234	0.522	0.429	1.05E-114	Progenitor MZT2B
ANP32B	2.65E-118	0.761364	0.489	0.381	7.47E-114	Progenitor ANP32B
CTSB1	3.70E-117	0.455292	0.839	0.732	1.04E-112	Progenitor CTSB
YBX1	2.18E-116	0.58142	0.677	0.633	6.13E-112	Progenitor YBX1
HDGF	1.43E-113	0.500124	0.259	0.135	4.03E-109	Progenitor HDGF
PKM	2.63E-112	0.725629	0.53	0.422	7.39E-108	Progenitor PKM
RAN	5.78E-109	0.798778	0.529	0.459	1.63E-104	Progenitor RAN
CXorf211	8.33E-108	0.764431	0.329	0.203	2.34E-103	Progenitor CXorf211
LSM5	1.16E-107	0.493927	0.278	0.152	3.25E-103	Progenitor LSM5
DUT	1.36E-107	0.856423	0.394	0.276	3.83E-103	Progenitor DUT
HINT2	2.43E-107	0.395523	0.251	0.129	6.84E-103	Progenitor HINT2
ARL6IP1	8.48E-105	0.997865	0.587	0.537	2.39E-100	Progenitor ARL6IP1
ALYREF	1.27E-96	0.593791	0.324	0.201	3.58E-92	Progenitor ALYREF
PPT11	2.31E-96	0.731203	0.548	0.439	6.50E-92	Progenitor PPT1
C1QC1	1.04E-95	0.295832	0.856	0.708	2.94E-91	Progenitor C1QC
UQCC2	2.25E-95	0.42737	0.26	0.143	6.34E-91	Progenitor UQCC2
SIVA1	1.02E-94	0.667293	0.366	0.248	2.88E-90	Progenitor SIVA1
PLAC8	2.03E-93	0.630163	0.34	0.217	5.70E-89	Progenitor PLAC8
IER31	7.99E-93	0.412673	0.734	0.604	2.25E-88	Progenitor IER3
BANF1	2.08E-92	0.625424	0.403	0.283	5.87E-88	Progenitor BANF1
H1FX1	6.28E-92	0.567079	0.536	0.417	1.77E-87	Progenitor H1FX
ENO1	1.28E-91	0.657729	0.542	0.462	3.59E-87	Progenitor ENO1
VIM1	4.12E-90	0.360906	0.647	0.497	1.16E-85	Progenitor VIM
FAM111A	4.13E-90	0.472915	0.282	0.164	1.16E-85	Progenitor FAM111A

AP2S1	3.19E-89	0.635681	0.418	0.305	8.97E-85	Progenitor AP2S1
SLC25A5	6.89E-89	0.647964	0.575	0.525	1.94E-84	Progenitor SLC25A5
YWHAH1	1.02E-88	0.597824	0.617	0.522	2.88E-84	Progenitor YWHAH
HNRNPA2B	6.93E-88	0.404476	0.771	0.789	1.95E-83	Progenitor HNRNPA2B1
PADI21	8.38E-87	0.517604	0.553	0.437	2.36E-82	Progenitor PADI2
CD141	9.33E-87	0.43159	0.595	0.48	2.63E-82	Progenitor CD14
MT-CO3	3.55E-85	0.250088	0.965	0.941	9.99E-81	Progenitor MT-CO3
PSMC3	9.87E-84	0.457441	0.28	0.166	2.78E-79	Progenitor PSMC3
NR4A11	2.53E-83	0.324875	0.777	0.65	7.12E-79	Progenitor NR4A1
ANAPC11	3.55E-83	0.633535	0.413	0.306	1.00E-78	Progenitor ANAPC11
JPT1	2.01E-82	0.666748	0.376	0.268	5.65E-78	Progenitor JPT1
FABP5	3.21E-82	0.495358	0.329	0.21	9.05E-78	Progenitor FABP5
EGR21	8.89E-82	0.496961	0.519	0.389	2.50E-77	Progenitor EGR2
HSP90B1	1.34E-81	0.510757	0.629	0.556	3.77E-77	Progenitor HSP90B1
AIF11	7.98E-81	0.490265	0.677	0.603	2.25E-76	Progenitor AIF1
PARP1	1.57E-80	0.598308	0.368	0.255	4.41E-76	Progenitor PARP1
CDK2AP2	2.36E-80	0.436343	0.294	0.179	6.63E-76	Progenitor CDK2AP2
GLUL1	5.80E-79	0.505139	0.678	0.604	1.63E-74	Progenitor GLUL
TPM3	6.93E-79	0.523604	0.654	0.617	1.95E-74	Progenitor TPM3
PRDX3	5.99E-77	0.647607	0.358	0.25	1.68E-72	Progenitor PRDX3
CAPG1	2.39E-76	0.597401	0.52	0.445	6.74E-72	Progenitor CAPG
PSIP1	6.35E-74	0.384745	0.279	0.168	1.79E-69	Progenitor PSIP1
MZT2A1	8.00E-74	0.39395	0.313	0.196	2.25E-69	Progenitor MZT2A
MCM5	1.67E-73	0.569702	0.254	0.157	4.71E-69	Progenitor MCM5
PSME21	2.71E-72	0.614847	0.462	0.368	7.61E-68	Progenitor PSME2
PGAM1	2.37E-70	0.592093	0.39	0.289	6.67E-66	Progenitor PGAM1
NUCKS1	2.49E-70	0.646867	0.442	0.361	7.00E-66	Progenitor NUCKS1
NR4A31	6.67E-69	0.393378	0.645	0.543	1.88E-64	Progenitor NR4A3
TPI1	5.54E-68	0.529448	0.606	0.578	1.56E-63	Progenitor TPI1
OSM1	5.95E-68	0.622567	0.34	0.239	1.68E-63	Progenitor OSM
RBBP7	7.97E-67	0.396197	0.258	0.157	2.24E-62	Progenitor RBBP7
DDX39A	1.28E-66	0.500535	0.391	0.289	3.60E-62	Progenitor DDX39A
NASP	4.45E-66	0.535367	0.393	0.294	1.25E-61	Progenitor NASP
ETFB	1.06E-64	0.412069	0.282	0.179	2.98E-60	Progenitor ETFB
MRPL51	1.50E-64	0.426891	0.308	0.202	4.22E-60	Progenitor MRPL51
CALR	1.57E-64	0.509651	0.612	0.552	4.42E-60	Progenitor CALR
S100A111	1.69E-64	0.328304	0.781	0.724	4.74E-60	Progenitor S100A11
DCTN3	5.90E-64	0.463327	0.275	0.176	1.66E-59	Progenitor DCTN3
BTG21	2.12E-63	0.42909	0.734	0.676	5.96E-59	Progenitor BTG2
PRKDC	1.25E-60	0.519434	0.359	0.258	3.52E-56	Progenitor PRKDC
STX17-AS1:	4.58E-60	0.71702	0.428	0.338	1.29E-55	Progenitor STX17-AS1
BUB31	5.83E-60	0.394496	0.312	0.207	1.64E-55	Progenitor BUB3
SCLT1	2.00E-59	0.367373	0.275	0.176	5.63E-55	Progenitor SCLT1
TPM41	1.95E-57	0.470892	0.469	0.372	5.48E-53	Progenitor TPM4
SNRPD1	2.21E-57	0.435819	0.306	0.207	6.23E-53	Progenitor SNRPD1
HNRNPAB	8.73E-57	0.580479	0.374	0.282	2.46E-52	Progenitor HNRNPAB
RHOA	1.70E-56	0.367912	0.715	0.725	4.78E-52	Progenitor RHOA

ACTN41	3.73E-56	0.350038	0.294	0.193	1.05E-51	Progenitor ACTN4
CALM2	1.09E-54	0.474729	0.669	0.683	3.08E-50	Progenitor CALM2
HIF1A1	9.28E-54	0.360023	0.657	0.579	2.61E-49	Progenitor HIF1A
EIF5A	6.49E-53	0.544508	0.419	0.337	1.83E-48	Progenitor EIF5A
PSMB2	1.50E-52	0.466025	0.308	0.213	4.23E-48	Progenitor PSMB2
CMC2	1.93E-52	0.329712	0.259	0.166	5.42E-48	Progenitor CMC2
TMEM160	2.27E-52	0.339479	0.279	0.184	6.38E-48	Progenitor TMEM160
PHPT1	2.58E-52	0.413258	0.299	0.203	7.25E-48	Progenitor PHPT1
SCIN1	5.80E-50	0.549374	0.49	0.419	1.63E-45	Progenitor SCIN
HP1BP3	1.93E-49	0.530937	0.448	0.377	5.44E-45	Progenitor HP1BP3
LSM3	5.38E-49	0.336096	0.284	0.191	1.51E-44	Progenitor LSM3
OAZ11	1.30E-48	0.300006	0.765	0.765	3.66E-44	Progenitor OAZ1
UBE2S1	2.09E-48	0.545218	0.408	0.326	5.88E-44	Progenitor UBE2S
PA2G4	2.22E-48	0.481376	0.374	0.288	6.24E-44	Progenitor PA2G4
NCL1	6.37E-48	0.437333	0.626	0.599	1.79E-43	Progenitor NCL
PSMA4	1.02E-45	0.407646	0.277	0.191	2.88E-41	Progenitor PSMA4
CTSZ1	1.17E-45	0.510679	0.544	0.502	3.28E-41	Progenitor CTSZ
PRKCA	1.60E-43	0.530093	0.377	0.296	4.51E-39	Progenitor PRKCA
ALOX5AP1	3.31E-43	0.378093	0.662	0.641	9.32E-39	Progenitor ALOX5AP
GNG51	8.59E-43	0.464951	0.567	0.555	2.42E-38	Progenitor GNG5
HNRNPA3	3.64E-42	0.477679	0.566	0.534	1.02E-37	Progenitor HNRNPA3
SUMO3	5.23E-41	0.403163	0.29	0.206	1.47E-36	Progenitor SUMO3
SRRT	9.39E-41	0.294734	0.255	0.171	2.64E-36	Progenitor SRRT
GSTP11	1.06E-40	0.470617	0.549	0.522	2.99E-36	Progenitor GSTP1
COX5A	2.37E-40	0.511041	0.447	0.393	6.67E-36	Progenitor COX5A
TAGLN21	2.81E-40	0.378122	0.446	0.369	7.90E-36	Progenitor TAGLN2
APOO	8.89E-40	0.318693	0.358	0.263	2.50E-35	Progenitor APOO
GNAI2	1.63E-39	0.389687	0.632	0.639	4.60E-35	Progenitor GNAI2
C17orf49	3.03E-39	0.363984	0.282	0.2	8.53E-35	Progenitor C17orf49
XPO1	4.32E-39	0.299816	0.275	0.19	1.21E-34	Progenitor XPO1
IQGAP11	6.24E-39	0.34452	0.423	0.333	1.76E-34	Progenitor IQGAP1
NME21	2.67E-38	0.397044	0.616	0.593	7.51E-34	Progenitor NME2
BLOC1S1	4.08E-38	0.436295	0.418	0.347	1.15E-33	Progenitor BLOC1S1
UQCRQ	1.92E-37	0.439466	0.399	0.33	5.39E-33	Progenitor UQCRQ
SNRPC	2.59E-37	0.37144	0.294	0.213	7.29E-33	Progenitor SNRPC
PPP1CA1	2.86E-36	0.519823	0.436	0.383	8.06E-32	Progenitor PPP1CA
HNRNPU	3.09E-36	0.395769	0.619	0.587	8.70E-32	Progenitor HNRNPU
SLC8A11	3.54E-36	0.36059	0.568	0.534	9.95E-32	Progenitor SLC8A1
PDIA6	4.55E-36	0.44193	0.353	0.279	1.28E-31	Progenitor PDIA6
TSPO1	5.59E-36	0.422523	0.561	0.526	1.57E-31	Progenitor TSPO
AK2	8.82E-36	0.464326	0.285	0.208	2.48E-31	Progenitor AK2
CCT5	1.75E-35	0.385542	0.287	0.209	4.93E-31	Progenitor CCT5
PPM1G	2.96E-35	0.34401	0.297	0.22	8.32E-31	Progenitor PPM1G
PIN1	2.23E-34	0.260306	0.262	0.183	6.27E-30	Progenitor PIN1
SUZ12	5.33E-34	0.282517	0.25	0.175	1.50E-29	Progenitor SUZ12
PDCD5	8.08E-34	0.292723	0.26	0.183	2.27E-29	Progenitor PDCD5
ACTG11	1.19E-33	0.385752	0.805	0.797	3.35E-29	Progenitor ACTG1

SAMHD1	1.46E-33	0.448749	0.508	0.453	4.11E-29	Progenitor SAMHD1
TUBB4B1	1.58E-33	0.350291	0.503	0.441	4.45E-29	Progenitor TUBB4B
MS4A4A1	1.69E-33	0.463866	0.346	0.281	4.76E-29	Progenitor MS4A4A
TRAPPC1	3.85E-33	0.407654	0.375	0.3	1.08E-28	Progenitor TRAPPC1
RHEB1	5.91E-33	0.42596	0.449	0.386	1.66E-28	Progenitor RHEB
PRKAR1A	6.29E-33	0.491138	0.268	0.196	1.77E-28	Progenitor PRKAR1A
SNRPB1	8.83E-33	0.449562	0.4	0.342	2.49E-28	Progenitor SNRPB
SNRPG	9.14E-33	0.372036	0.377	0.307	2.57E-28	Progenitor SNRPG
A2M1	1.22E-32	0.256097	0.642	0.588	3.42E-28	Progenitor A2M
P4HB	1.28E-32	0.424389	0.408	0.342	3.61E-28	Progenitor P4HB
PPIF	1.66E-32	0.407833	0.254	0.185	4.68E-28	Progenitor PPIF
TALDO1	1.37E-31	0.430628	0.389	0.326	3.86E-27	Progenitor TALDO1
TAF15	4.49E-31	0.377851	0.378	0.303	1.26E-26	Progenitor TAF15
HMGA1	3.30E-30	0.365726	0.27	0.202	9.27E-26	Progenitor HMGA1
CHCHD21	3.51E-30	0.413667	0.569	0.583	9.88E-26	Progenitor CHCHD21
LSM2	5.41E-30	0.284731	0.258	0.188	1.52E-25	Progenitor LSM2
SSNA1	8.03E-30	0.259231	0.262	0.189	2.26E-25	Progenitor SSNA1
PRRC2A	1.01E-29	0.425447	0.289	0.219	2.84E-25	Progenitor PRRC2A
AC131944.1	1.13E-29	0.489783	0.266	0.203	3.17E-25	Progenitor AC131944.1
SET1	2.69E-29	0.447155	0.455	0.406	7.56E-25	Progenitor SET1
CLTC1	2.75E-29	0.480022	0.37	0.303	7.73E-25	Progenitor CLTC
CLIC11	3.38E-29	0.342682	0.623	0.648	9.51E-25	Progenitor CLIC11
AURKAIP1	4.40E-29	0.347556	0.326	0.252	1.24E-24	Progenitor AURKAIP1
GDI2	1.12E-28	0.49359	0.474	0.427	3.16E-24	Progenitor GDI2
NONO	1.42E-28	0.392315	0.349	0.279	4.01E-24	Progenitor NONO
NDUFB2	2.18E-28	0.433871	0.452	0.405	6.12E-24	Progenitor NDUFB2
RPL4	3.04E-28	0.30283	0.737	0.731	8.55E-24	Progenitor RPL4
NDUFA2	4.37E-28	0.32573	0.341	0.271	1.23E-23	Progenitor NDUFA2
ARPC1B	9.41E-28	0.317252	0.633	0.642	2.65E-23	Progenitor ARPC1B
QKI1	1.22E-27	0.287771	0.653	0.626	3.44E-23	Progenitor QKI
PRDX2	1.52E-27	0.312675	0.26	0.193	4.27E-23	Progenitor PRDX2
PSMB6	7.99E-27	0.42839	0.368	0.308	2.25E-22	Progenitor PSMB6
CYC1	1.49E-26	0.34596	0.291	0.222	4.19E-22	Progenitor CYC1
PLEK1	1.76E-26	0.297038	0.512	0.457	4.95E-22	Progenitor PLEK
MIF1	2.14E-26	0.359202	0.567	0.567	6.01E-22	Progenitor MIF
KHDRBS11	2.33E-26	0.374756	0.425	0.365	6.55E-22	Progenitor KHDRBS11
NDUFB3	2.33E-26	0.317878	0.285	0.216	6.57E-22	Progenitor NDUFB3
MYL61	3.54E-26	0.257362	0.724	0.77	9.97E-22	Progenitor MYL6
CAPRIN1	5.79E-26	0.401655	0.301	0.236	1.63E-21	Progenitor CAPRIN1
MDH1	5.87E-26	0.291947	0.286	0.218	1.65E-21	Progenitor MDH1
LDHA1	9.82E-26	0.335099	0.509	0.475	2.76E-21	Progenitor LDHA
ERH	1.17E-25	0.341208	0.347	0.284	3.30E-21	Progenitor ERH
NENF	1.23E-25	0.318018	0.291	0.225	3.47E-21	Progenitor NENF
PSMD2	1.60E-25	0.293338	0.26	0.195	4.51E-21	Progenitor PSMD2
PSMD8	3.10E-25	0.391214	0.344	0.28	8.72E-21	Progenitor PSMD8
DCXR	4.61E-25	0.299402	0.296	0.228	1.30E-20	Progenitor DCXR
HNRNPF	4.32E-24	0.442756	0.472	0.441	1.22E-19	Progenitor HNRNPF

ATP5MC3	5.39E-24	0.4387	0.455	0.426	1.52E-19	Progenitor ATP5MC3
PTMS	5.85E-24	0.446532	0.265	0.21	1.65E-19	Progenitor PTMS
NUTF2	3.53E-23	0.337305	0.277	0.214	9.93E-19	Progenitor NUTF2
KPNB1	4.71E-23	0.371305	0.356	0.295	1.32E-18	Progenitor KPNB1
HSBP11	5.69E-23	0.357598	0.298	0.236	1.60E-18	Progenitor HSBP1
UQCRC1	8.05E-23	0.317244	0.292	0.229	2.27E-18	Progenitor UQCRC1
HINT11	2.22E-22	0.347104	0.51	0.493	6.25E-18	Progenitor HINT1
CORO1A1	2.63E-22	0.384421	0.625	0.649	7.40E-18	Progenitor CORO1A
ILF2	3.07E-22	0.327439	0.337	0.278	8.64E-18	Progenitor ILF2
NDUFS8	3.45E-22	0.319491	0.331	0.269	9.70E-18	Progenitor NDUFS8
MRPL52	3.78E-22	0.319513	0.287	0.226	1.06E-17	Progenitor MRPL52
ATP5MC1	4.06E-22	0.360418	0.283	0.225	1.14E-17	Progenitor ATP5MC1
EGR31	4.36E-22	0.386698	0.398	0.347	1.23E-17	Progenitor EGR3
EIF4G1	7.18E-22	0.365187	0.285	0.225	2.02E-17	Progenitor EIF4G1
UCP21	7.40E-22	0.33225	0.416	0.363	2.08E-17	Progenitor UCP2
PFKL	1.31E-21	0.296014	0.254	0.195	3.68E-17	Progenitor PFKL
VKORC1	2.22E-21	0.304278	0.275	0.215	6.26E-17	Progenitor VKORC1
ILF3	2.33E-21	0.300183	0.352	0.289	6.55E-17	Progenitor ILF3
TPR1	2.73E-21	0.259522	0.347	0.285	7.69E-17	Progenitor TPR
MLEC	3.12E-21	0.339214	0.264	0.207	8.77E-17	Progenitor MLEC
CLTA1	4.46E-21	0.349837	0.441	0.393	1.25E-16	Progenitor CLTA
NDUFC2	5.32E-21	0.35946	0.4	0.349	1.50E-16	Progenitor NDUFC2
INSIG1	5.83E-21	0.355368	0.26	0.203	1.64E-16	Progenitor INSIG1
SRP91	6.15E-21	0.336615	0.328	0.271	1.73E-16	Progenitor SRP9
RAC21	7.99E-21	0.307574	0.349	0.284	2.25E-16	Progenitor RAC2
NDUFB6	8.95E-21	0.252977	0.265	0.205	2.52E-16	Progenitor NDUFB6
LSP11	9.12E-21	0.272483	0.44	0.384	2.57E-16	Progenitor LSP1
TLN11	1.03E-20	0.389627	0.529	0.499	2.91E-16	Progenitor TLN1
ARPC5	1.43E-20	0.374743	0.465	0.435	4.02E-16	Progenitor ARPC5
NDUF3F3	3.06E-20	0.310498	0.316	0.255	8.61E-16	Progenitor NDUF3F3
NDUFA6	3.38E-20	0.28865	0.31	0.251	9.50E-16	Progenitor NDUFA6
RCC21	4.13E-20	0.412538	0.336	0.281	1.16E-15	Progenitor RCC2
ATP5MF	1.18E-19	0.376172	0.433	0.397	3.33E-15	Progenitor ATP5MF
COX6A1	1.30E-19	0.323685	0.559	0.592	3.66E-15	Progenitor COX6A1
PSMB91	2.63E-19	0.365809	0.386	0.337	7.39E-15	Progenitor PSMB9
HMG11	3.34E-19	0.36725	0.477	0.461	9.40E-15	Progenitor HMG11
SUMO21	3.47E-19	0.361916	0.537	0.558	9.76E-15	Progenitor SUMO2
CX3CR11	4.44E-19	0.326238	0.487	0.442	1.25E-14	Progenitor CX3CR1
CKLF	6.20E-19	0.327784	0.414	0.369	1.75E-14	Progenitor CKLF
CANX1	1.10E-18	0.432961	0.472	0.437	3.08E-14	Progenitor CANX
GSTO1	1.15E-18	0.279181	0.277	0.219	3.23E-14	Progenitor GSTO1
NDUFB11	2.01E-18	0.357828	0.443	0.413	5.65E-14	Progenitor NDUFB11
SPI11	3.01E-18	0.365892	0.518	0.514	8.46E-14	Progenitor SPI1
FSCN11	7.90E-18	0.439132	0.352	0.316	2.22E-13	Progenitor FSCN1
PSMA2	1.16E-17	0.341057	0.327	0.28	3.27E-13	Progenitor PSMA2
ATG3	1.71E-17	0.297922	0.258	0.203	4.80E-13	Progenitor ATG3
HNRNP1	4.24E-17	0.349827	0.459	0.435	1.19E-12	Progenitor HNRNP1

HADHA	5.11E-17	0.363939	0.372	0.323	1.44E-12	Progenitor HADHA
PSMB3	6.89E-17	0.328532	0.383	0.339	1.94E-12	Progenitor PSMB3
PARK71	1.55E-16	0.338854	0.43	0.396	4.36E-12	Progenitor PARK7
PSMC4	2.38E-16	0.311089	0.272	0.22	6.69E-12	Progenitor PSMC4
EMP31	3.33E-16	0.256726	0.388	0.335	9.37E-12	Progenitor EMP3
ALCAM1	9.27E-16	0.268881	0.342	0.292	2.61E-11	Progenitor ALCAM
PSMC5	1.92E-15	0.287794	0.285	0.235	5.42E-11	Progenitor PSMC5
ROMO1	2.04E-15	0.254571	0.32	0.265	5.74E-11	Progenitor ROMO1
NHP2	2.66E-15	0.275253	0.258	0.209	7.48E-11	Progenitor NHP2
CAP1	2.87E-15	0.372463	0.536	0.527	8.06E-11	Progenitor CAP1
NDUFA4	3.68E-15	0.354037	0.503	0.507	1.03E-10	Progenitor NDUFA4
RBX1	2.28E-14	0.335088	0.384	0.344	6.43E-10	Progenitor RBX1
PTTG1IP1	3.32E-14	0.427762	0.352	0.316	9.34E-10	Progenitor PTTG1IP
HIF1A-AS3	3.53E-14	0.386552	0.25	0.208	9.92E-10	Progenitor HIF1A-AS3
MS4A6A1	4.58E-14	0.271984	0.444	0.406	1.29E-09	Progenitor MS4A6A
PSMB101	7.16E-14	0.299538	0.363	0.32	2.01E-09	Progenitor PSMB10
BAX	8.26E-14	0.301344	0.421	0.385	2.32E-09	Progenitor BAX
RBBP4	9.69E-14	0.28237	0.295	0.247	2.73E-09	Progenitor RBBP4
CBX3	9.82E-14	0.256777	0.313	0.266	2.76E-09	Progenitor CBX3
YWHAE1	1.34E-13	0.344386	0.434	0.403	3.78E-09	Progenitor YWHAE
XRCC6	1.42E-13	0.309189	0.415	0.379	4.00E-09	Progenitor XRCC6
XRCC5	2.19E-13	0.357506	0.437	0.414	6.16E-09	Progenitor XRCC5
PAK11	2.29E-13	0.301554	0.267	0.223	6.44E-09	Progenitor PAK1
SF3B21	2.35E-13	0.306504	0.422	0.387	6.62E-09	Progenitor SF3B2
TFRC1	3.93E-13	0.287142	0.311	0.269	1.11E-08	Progenitor TFRC
PSMB81	6.99E-13	0.301233	0.365	0.326	1.97E-08	Progenitor PSMB8
C12orf75	8.84E-13	0.2622	0.286	0.24	2.49E-08	Progenitor C12orf75
ATP5PF	8.89E-13	0.302575	0.387	0.354	2.50E-08	Progenitor ATP5PF
NDUFV2	9.79E-13	0.254244	0.336	0.29	2.76E-08	Progenitor NDUFV2
NDUFA11	1.02E-12	0.313362	0.452	0.429	2.86E-08	Progenitor NDUFA11
MICOS10	1.08E-12	0.312647	0.453	0.43	3.05E-08	Progenitor MICOS10
TUBA1A1	1.14E-12	0.411054	0.361	0.32	3.21E-08	Progenitor TUBA1A
NUCB1	2.16E-12	0.341379	0.349	0.305	6.08E-08	Progenitor NUCB1
GRB21	2.21E-12	0.296677	0.524	0.503	6.21E-08	Progenitor GRB2
DYNLL1	3.08E-12	0.3269	0.396	0.367	8.67E-08	Progenitor DYNLL1
ATP5PB	4.61E-12	0.337611	0.376	0.341	1.30E-07	Progenitor ATP5PB
H2AFY1	5.53E-12	0.288155	0.466	0.442	1.56E-07	Progenitor H2AFY
PEA151	7.72E-12	0.404153	0.269	0.233	2.17E-07	Progenitor PEA15
TM9SF2	3.86E-11	0.378964	0.358	0.322	1.09E-06	Progenitor TM9SF2
ATP5F1B	4.96E-11	0.331902	0.52	0.526	1.39E-06	Progenitor ATP5F1B
NAP1L1	6.81E-11	0.291739	0.431	0.412	1.92E-06	Progenitor NAP1L1
NDUFB9	7.51E-11	0.282288	0.363	0.325	2.11E-06	Progenitor NDUFB9
SPRED11	9.46E-11	0.319336	0.272	0.237	2.66E-06	Progenitor SPRED1
POLR2E	1.04E-10	0.257355	0.302	0.26	2.94E-06	Progenitor POLR2E
RALY	2.27E-10	0.318356	0.438	0.426	6.38E-06	Progenitor RALY
SUSD3	2.57E-10	0.306596	0.257	0.221	7.24E-06	Progenitor SUSD3
ZYX	2.75E-10	0.318098	0.444	0.421	7.74E-06	Progenitor ZYX

STK38L1	2.83E-10	0.311575	0.293	0.259	7.96E-06	Progenitor STK38L
APLP21	3.47E-10	0.368266	0.397	0.38	9.77E-06	Progenitor APLP2
NDUFS7	4.31E-10	0.304117	0.344	0.309	1.21E-05	Progenitor NDUFS7
UQCR10	5.11E-10	0.275122	0.463	0.448	1.44E-05	Progenitor UQCR10
COPE	6.82E-10	0.287101	0.431	0.417	1.92E-05	Progenitor COPE
OLFML31	6.91E-10	0.335725	0.337	0.312	1.94E-05	Progenitor OLFML3
TUFM	9.10E-10	0.321332	0.341	0.308	2.56E-05	Progenitor TUFM
TMEM2581	1.13E-09	0.270286	0.409	0.383	3.19E-05	Progenitor TMEM258
HNRNPM	2.47E-09	0.252217	0.385	0.352	6.94E-05	Progenitor HNRNPM
FKBP1A	2.67E-09	0.281698	0.311	0.276	7.52E-05	Progenitor FKBP1A
YWHAQ1	5.22E-09	0.283633	0.39	0.363	0.000147	Progenitor YWHAQ
PYCARD1	1.05E-08	0.315836	0.425	0.406	0.000297	Progenitor PYCARD
TMEM109	1.16E-08	0.325903	0.284	0.252	0.000328	Progenitor TMEM109
TMED9	1.67E-08	0.331359	0.364	0.343	0.000469	Progenitor TMED9
VAMP81	2.90E-08	0.292779	0.479	0.48	0.000815	Progenitor VAMP8
PTGES3	2.90E-08	0.302281	0.475	0.476	0.000816	Progenitor PTGES3
KIF5B	3.52E-08	0.262816	0.374	0.345	0.000991	Progenitor KIF5B
RTN3	6.79E-08	0.280643	0.295	0.263	0.00191	Progenitor RTN3
ARPC21	7.47E-08	0.270794	0.587	0.64	0.002103	Progenitor ARPC2
SRSF9	9.07E-08	0.286251	0.394	0.373	0.002553	Progenitor SRSF9
GK1	9.66E-08	0.321731	0.298	0.274	0.002718	Progenitor GK
CYFIP11	1.60E-07	0.283725	0.497	0.499	0.004503	Progenitor CYFIP1
ABI31	1.63E-07	0.292362	0.374	0.349	0.004586	Progenitor ABI3
NDUFA13	1.71E-07	0.265972	0.478	0.485	0.004803	Progenitor NDUFA13
TMEM14C1	1.75E-07	0.323395	0.359	0.344	0.004936	Progenitor TMEM14C
DBNL	2.47E-07	0.267521	0.293	0.26	0.006941	Progenitor DBNL
ATP5PO	2.89E-07	0.291131	0.419	0.409	0.008132	Progenitor ATP5PO
SPCS2	3.34E-07	0.254632	0.357	0.325	0.009394	Progenitor SPCS2
ACTR21	4.59E-07	0.252257	0.54	0.547	0.012906	Progenitor ACTR2
NUMA1	4.66E-07	0.273131	0.272	0.242	0.013123	Progenitor NUMA1
LGMN1	4.74E-07	0.283285	0.338	0.318	0.013349	Progenitor LGMN
ANP32A	6.69E-07	0.297028	0.399	0.376	0.018832	Progenitor ANP32A
COX7B	7.90E-07	0.276103	0.411	0.393	0.022235	Progenitor COX7B
ACTR3	7.95E-07	0.30091	0.462	0.456	0.022376	Progenitor ACTR3
ARHGDI	8.03E-07	0.276082	0.425	0.406	0.022601	Progenitor ARHGDI
BEST11	1.40E-06	0.412757	0.304	0.288	0.039398	Progenitor BEST1
COX5B	1.47E-06	0.255549	0.476	0.482	0.041478	Progenitor COX5B
SLC29A11	1.76E-06	0.299621	0.253	0.228	0.049561	Progenitor SLC29A1
CNDP21	5.71E-06	0.290086	0.32	0.295	0.160652	Progenitor CNDP2
ERP291	1.49E-05	0.264662	0.417	0.409	0.420561	Progenitor ERP29
STAB11	2.51E-05	0.297052	0.274	0.257	0.705342	Progenitor STAB1
RPN1	2.96E-05	0.269428	0.358	0.338	0.832038	Progenitor RPN1
ATP5F1A	3.78E-05	0.270152	0.34	0.32	1	Progenitor ATP5F1A
PDIA3	5.62E-05	0.259349	0.514	0.529	1	Progenitor PDIA3
MSN1	6.64E-05	0.267312	0.522	0.539	1	Progenitor MSN
SLC4A71	0.00014	0.269127	0.395	0.382	1	Progenitor SLC4A7
SELENOK	0.000156	0.250234	0.452	0.445	1	Progenitor SELENOK

GNB2	0.000229	0.258845	0.43	0.432	1 Progenitor GNB2
MOB1A	0.000262	0.342991	0.378	0.367	1 Progenitor MOB1A
TGOLN2	0.000311	0.299985	0.389	0.375	1 Progenitor TGOLN2
LCP11	0.000499	0.268515	0.476	0.486	1 Progenitor LCP1
AKR1A11	0.001299	0.261283	0.333	0.319	1 Progenitor AKR1A1
SNX5	0.001353	0.251938	0.309	0.291	1 Progenitor SNX5
MAN2B11	0.00518	0.29076	0.352	0.348	1 Progenitor MAN2B1
NFIC1	0.008562	0.255131	0.321	0.315	1 Progenitor NFIC
HBB	0	8.608517	0.977	0.033	0 Erythroid-L HBB
HBA2	0	5.130658	0.838	0.007	0 Erythroid-L HBA2
HBA1	0	4.422204	0.76	0.004	0 Erythroid-L HBA1
SLC25A371	3.75E-161	1.337362	0.564	0.359	1.05E-156 Erythroid-L SLC25A37
MTRNR2L1	1.30E-129	0.68606	0.729	0.5	3.67E-125 Erythroid-L MTRNR2L12
XIST	1.31E-106	0.469318	0.262	0.109	3.69E-102 Erythroid-L XIST
RPL411	2.47E-83	0.425821	0.905	0.832	6.94E-79 Erythroid-L RPL41
CCL3L11	1.80E-70	0.737281	0.738	0.599	5.07E-66 Erythroid-L CCL3L1
CXCL81	5.61E-59	0.807144	0.521	0.389	1.58E-54 Erythroid-L CXCL8
TNFAIP31	2.96E-54	0.457843	0.702	0.602	8.33E-50 Erythroid-L TNFAIP3
IL1B2	5.27E-54	0.663822	0.618	0.509	1.48E-49 Erythroid-L IL1B
IL1A	4.13E-53	0.746579	0.303	0.185	1.16E-48 Erythroid-L IL1A
RPL211	8.94E-51	0.418567	0.798	0.758	2.51E-46 Erythroid-L RPL21
PPP1R15A1	1.28E-50	0.621957	0.728	0.696	3.59E-46 Erythroid-L PPP1R15A
SERPINE11	3.65E-48	0.465195	0.457	0.315	1.03E-43 Erythroid-L SERPINE1
TENT5C1	6.96E-46	0.47583	0.282	0.167	1.96E-41 Erythroid-L TENT5C
BCL2A11	1.86E-43	0.743195	0.494	0.406	5.23E-39 Erythroid-L BCL2A1
HLA-DQA2	3.95E-41	0.515208	0.273	0.169	1.11E-36 Erythroid-L HLA-DQA2
UBB1	2.08E-40	0.637444	0.709	0.675	5.86E-36 Erythroid-L UBB
ABL21	2.53E-38	0.724139	0.385	0.297	7.13E-34 Erythroid-L ABL2
EGR11	4.38E-36	0.501474	0.744	0.696	1.23E-31 Erythroid-L EGR1
SLC25A39	2.07E-35	0.840804	0.295	0.203	5.83E-31 Erythroid-L SLC25A39
TUBB4B2	4.26E-29	0.520505	0.502	0.441	1.20E-24 Erythroid-L TUBB4B
TNF1	1.50E-27	0.439593	0.482	0.395	4.21E-23 Erythroid-L TNF
SRSF21	3.65E-27	0.492497	0.572	0.536	1.03E-22 Erythroid-L SRSF2
CCL51	1.04E-26	0.319542	0.387	0.28	2.92E-22 Erythroid-L CCL5
CH25H1	3.23E-24	0.255783	0.458	0.364	9.09E-20 Erythroid-L CH25H
PMAIP1	7.87E-24	0.536313	0.351	0.279	2.21E-19 Erythroid-L PMAIP1
RPS4X1	3.22E-23	0.29686	0.871	0.866	9.05E-19 Erythroid-L RPS4X
NFKB11	7.41E-22	0.435713	0.586	0.547	2.09E-17 Erythroid-L NFKB1
FBXO7	3.07E-21	0.546885	0.288	0.216	8.63E-17 Erythroid-L FBXO7
MAP2K31	5.15E-21	0.430751	0.312	0.239	1.45E-16 Erythroid-L MAP2K3
SOD21	4.43E-19	0.442053	0.527	0.49	1.25E-14 Erythroid-L SOD2
NR4A21	9.20E-19	0.338761	0.745	0.752	2.59E-14 Erythroid-L NR4A2
H2AFX2	3.70E-18	0.34896	0.308	0.237	1.04E-13 Erythroid-L H2AFX
HLA-DRB52	4.33E-17	0.317747	0.601	0.567	1.22E-12 Erythroid-L HLA-DRB5
IER32	1.53E-14	0.353949	0.624	0.607	4.31E-10 Erythroid-L IER3
UBE2S2	5.27E-14	0.317626	0.387	0.327	1.48E-09 Erythroid-L UBE2S
CDKN1A1	6.23E-14	0.347097	0.531	0.492	1.75E-09 Erythroid-L CDKN1A

NFKBIZ1	2.17E-13	0.368304	0.524	0.49	6.11E-09	Erythroid-L	NFKBIZ
NPM11	2.46E-13	0.277548	0.685	0.71	6.93E-09	Erythroid-L	NPM1
EIF4A3	8.67E-13	0.4372	0.42	0.374	2.44E-08	Erythroid-L	EIF4A3
GBP21	1.90E-12	0.420179	0.403	0.356	5.34E-08	Erythroid-L	GBP2
CKB1	2.73E-12	0.400125	0.345	0.297	7.69E-08	Erythroid-L	CKB
GYPC1	4.17E-12	0.417106	0.423	0.373	1.17E-07	Erythroid-L	GYPC
KLF101	1.28E-11	0.40635	0.38	0.337	3.61E-07	Erythroid-L	KLF10
NLRP31	1.87E-10	0.317414	0.436	0.396	5.27E-06	Erythroid-L	NLRP3
SNHG5	4.47E-10	0.286734	0.418	0.379	1.26E-05	Erythroid-L	SNHG5
SIK31	1.36E-09	0.309971	0.488	0.459	3.83E-05	Erythroid-L	SIK3
SNHG11	1.63E-09	0.275537	0.288	0.239	4.59E-05	Erythroid-L	SNHG1
NR4A32	5.68E-09	0.286452	0.56	0.545	0.00016	Erythroid-L	NR4A3
ZFAS1	8.93E-09	0.328523	0.571	0.587	0.000251	Erythroid-L	ZFAS1
KDM6B1	2.09E-08	0.315073	0.481	0.467	0.000589	Erythroid-L	KDM6B
CSRNP1	2.22E-08	0.28957	0.477	0.457	0.000625	Erythroid-L	CSRNP1
BRD21	1.85E-07	0.292866	0.497	0.483	0.005193	Erythroid-L	BRD2
EIF4E1	5.38E-07	0.385788	0.38	0.36	0.015143	Erythroid-L	EIF4E
DDX3X	2.39E-06	0.307382	0.493	0.489	0.067267	Erythroid-L	DDX3X
BNIP3L1	4.15E-06	0.345814	0.326	0.293	0.116721	Erythroid-L	BNIP3L
NCOA41	1.03E-05	0.326619	0.345	0.32	0.289652	Erythroid-L	NCOA4
SRSF3	1.62E-05	0.279498	0.515	0.522	0.45608	Erythroid-L	SRSF3
FKBP81	0.008435	0.304866	0.388	0.379	1	Erythroid-L	FKBP8
SYAP1	0.008584	0.254358	0.363	0.353	1	Erythroid-L	SYAP1
IGFBP7	0	4.481193	0.412	0.022	0	Platelets	IGFBP7
SPARC	0	3.847405	0.406	0.012	0	Platelets	SPARC
SPARCL1	0	3.641212	0.387	0.004	0	Platelets	SPARCL1
IFI27	0	3.076223	0.314	0.039	0	Platelets	IFI27
TSC22D1	0	2.34529	0.34	0.045	0	Platelets	TSC22D1
TIMP3	0	2.262772	0.292	0.002	0	Platelets	TIMP3
TPM1	0	1.757128	0.279	0.055	0	Platelets	TPM1
CRIP2	0	1.713958	0.262	0.006	0	Platelets	CRIP2
ID3	0	1.705609	0.253	0.044	0	Platelets	ID3
SPTBN1	0	1.354923	0.262	0.055	0	Platelets	SPTBN1
EPAS1	7.06E-276	1.642176	0.265	0.067	1.99E-271	Platelets	EPAS1
APP	3.16E-257	1.832594	0.355	0.125	8.89E-253	Platelets	APP
HIST1H1E1	3.73E-162	1.493054	0.435	0.222	1.05E-157	Platelets	HIST1H1E
VIM2	1.80E-142	1.354578	0.681	0.499	5.08E-138	Platelets	VIM
STMN11	1.73E-139	1.304414	0.384	0.193	4.87E-135	Platelets	STMN1
TIMP1	1.07E-113	2.157008	0.334	0.173	3.00E-109	Platelets	TIMP1
IFITM31	5.88E-102	1.980402	0.518	0.395	1.66E-97	Platelets	IFITM3
GAPDH1	1.27E-100	0.664757	0.884	0.855	3.56E-96	Platelets	GAPDH
CLIC4	8.17E-87	0.997772	0.285	0.145	2.30E-82	Platelets	CLIC4
CD59	3.45E-85	1.244631	0.305	0.169	9.70E-81	Platelets	CD59
CCL22	5.29E-83	0.831753	0.439	0.271	1.49E-78	Platelets	CCL2
MT2A1	2.80E-77	1.86151	0.544	0.419	7.88E-73	Platelets	MT2A
FP236383.3	7.17E-68	0.80695	0.595	0.489	2.02E-63	Platelets	FP236383.3
LMNA	4.59E-63	0.834242	0.273	0.148	1.29E-58	Platelets	LMNA

A2M2	2.44E-62	1.000945	0.643	0.589	6.87E-58	Platelets	A2M
DSTN	1.13E-61	1.079215	0.299	0.18	3.18E-57	Platelets	DSTN
TUBB1	3.90E-61	1.056524	0.53	0.443	1.10E-56	Platelets	TUBB
ACTB1	1.31E-57	0.34	0.979	0.964	3.68E-53	Platelets	ACTB
TUBA1B2	1.19E-54	0.763724	0.765	0.728	3.35E-50	Platelets	TUBA1B
LGALS11	3.25E-51	1.201447	0.323	0.212	9.16E-47	Platelets	LGALS1
ANXA21	1.46E-50	0.868795	0.253	0.146	4.12E-46	Platelets	ANXA2
IFI61	2.74E-46	1.484448	0.38	0.277	7.72E-42	Platelets	IFI6
TAGLN22	1.12E-43	1.104579	0.445	0.37	3.16E-39	Platelets	TAGLN2
ACTN42	2.46E-41	0.710338	0.296	0.194	6.93E-37	Platelets	ACTN4
PTMS1	1.53E-34	0.777486	0.296	0.21	4.31E-30	Platelets	PTMS
ACTG12	7.72E-34	0.529466	0.761	0.798	2.17E-29	Platelets	ACTG1
PHLDA1	1.69E-32	0.784954	0.251	0.165	4.75E-28	Platelets	PHLDA1
SELENOW	5.86E-31	1.049466	0.384	0.332	1.65E-26	Platelets	SELENOW
MT-ND61	2.76E-29	0.78066	0.555	0.52	7.76E-25	Platelets	MT-ND6
SOCS3	1.45E-28	1.034721	0.26	0.186	4.09E-24	Platelets	SOCS3
FP671120.4	1.67E-28	0.484564	0.504	0.418	4.69E-24	Platelets	FP671120.4
IFITM11	1.87E-28	1.020324	0.374	0.294	5.26E-24	Platelets	IFITM1
RHOC1	7.36E-26	0.996889	0.319	0.257	2.07E-21	Platelets	RHOC
CYB5R3	2.16E-25	0.787847	0.284	0.216	6.08E-21	Platelets	CYB5R3
RGCC1	5.28E-25	0.960674	0.41	0.338	1.48E-20	Platelets	RGCC
MYL62	1.28E-21	0.532771	0.715	0.769	3.61E-17	Platelets	MYL6
ISG151	2.13E-21	0.853007	0.275	0.208	5.98E-17	Platelets	ISG15
TCF41	9.02E-21	0.86736	0.332	0.28	2.54E-16	Platelets	TCF4
ENG1	1.10E-20	1.047463	0.277	0.23	3.09E-16	Platelets	ENG
CST31	5.57E-20	0.419286	0.802	0.699	1.57E-15	Platelets	CST3
AC004448.	3.16E-19	0.496041	0.272	0.199	8.89E-15	Platelets	AC004448.2
BSG	5.78E-19	1.052824	0.376	0.348	1.63E-14	Platelets	BSG
TPM42	7.40E-19	0.733067	0.411	0.374	2.08E-14	Platelets	TPM4
MTRNR2L1	2.92E-18	0.362434	0.349	0.506	8.21E-14	Platelets	MTRNR2L12
YBX31	7.52E-18	0.594683	0.37	0.321	2.12E-13	Platelets	YBX3
MT-ND51	3.71E-17	0.425424	0.762	0.848	1.04E-12	Platelets	MT-ND5
DYNLL11	2.26E-16	0.781843	0.393	0.367	6.37E-12	Platelets	DYNLL1
FKBP1A1	4.28E-16	0.948019	0.314	0.276	1.20E-11	Platelets	FKBP1A
MIF2	1.94E-15	0.594973	0.53	0.567	5.46E-11	Platelets	MIF
ZFP36L12	1.54E-13	0.339768	0.772	0.796	4.32E-09	Platelets	ZFP36L1
HMG21	8.07E-13	0.643617	0.485	0.491	2.27E-08	Platelets	HMG21
NME22	2.03E-12	0.452298	0.576	0.594	5.71E-08	Platelets	NME2
TXN1	2.58E-12	0.620176	0.265	0.219	7.26E-08	Platelets	TXN
PEA152	3.35E-11	0.549333	0.278	0.233	9.44E-07	Platelets	PEA15
HSBP12	5.45E-10	0.559188	0.273	0.237	1.53E-05	Platelets	HSBP1
PSAP2	1.34E-09	0.271661	0.778	0.768	3.77E-05	Platelets	PSAP
H2AFZ1	1.39E-09	0.543152	0.471	0.481	3.91E-05	Platelets	H2AFZ
PPIA1	1.50E-09	0.280237	0.735	0.8	4.22E-05	Platelets	PPIA
CALR1	1.76E-09	0.443662	0.532	0.554	4.95E-05	Platelets	CALR
HIST1H4C1	1.26E-08	0.612399	0.358	0.343	0.000356	Platelets	HIST1H4C
MT-ATP81	5.01E-08	0.35255	0.716	0.788	0.00141	Platelets	MT-ATP8

LAPTM4A1	6.00E-08	0.61603	0.411	0.429	0.001689	Platelets	LAPTM4A
PTTG1IP2	9.15E-08	0.559655	0.331	0.317	0.002573	Platelets	PTTG1IP
STX17-AS1	1.01E-07	0.376595	0.244	0.342	0.002837	Platelets	STX17-AS1
TUBA1A2	3.22E-07	0.837062	0.329	0.321	0.009055	Platelets	TUBA1A
CD631	3.69E-07	0.466326	0.513	0.553	0.010385	Platelets	CD63
OLFML32	4.97E-07	0.281813	0.227	0.314	0.013983	Platelets	OLFML3
YWHAH2	6.73E-07	0.445515	0.507	0.525	0.018945	Platelets	YWHAH
HSP90B11	7.17E-07	0.413245	0.521	0.559	0.020162	Platelets	HSP90B1
GSTP12	1.02E-06	0.416545	0.493	0.523	0.028792	Platelets	GSTP1
BEST12	1.68E-06	0.254581	0.215	0.29	0.047359	Platelets	BEST1
SERPINB61	3.03E-06	0.549438	0.33	0.316	0.085247	Platelets	SERPINB6
UQCRQ1	5.48E-06	0.506981	0.338	0.332	0.15432	Platelets	UQCRQ
AP2M1	9.99E-06	0.533218	0.32	0.311	0.281211	Platelets	AP2M1
ATP5PF1	1.68E-05	0.537723	0.354	0.355	0.472278	Platelets	ATP5PF
TUBA1C1	3.46E-05	0.255435	0.215	0.278	0.973374	Platelets	TUBA1C
TACC1	3.72E-05	0.7492	0.365	0.381	1	Platelets	TACC1
GSN1	3.77E-05	0.452673	0.58	0.591	1	Platelets	GSN
PNP	5.00E-05	0.255155	0.205	0.267	1	Platelets	PNP
CAMTA1	7.75E-05	0.410317	0.256	0.236	1	Platelets	CAMTA1
TPI11	0.000127	0.433597	0.515	0.579	1	Platelets	TPI1
COX7B1	0.000254	0.255662	0.317	0.395	1	Platelets	COX7B
ITGB11	0.000296	0.560169	0.342	0.356	1	Platelets	ITGB1
PKM1	0.000315	0.534007	0.4	0.426	1	Platelets	PKM
YBX11	0.000441	0.384766	0.563	0.635	1	Platelets	YBX1
NUCB11	0.000454	0.448934	0.311	0.306	1	Platelets	NUCB1
RHOA1	0.000589	0.276588	0.633	0.726	1	Platelets	RHOA
POLR2L1	0.000847	0.477876	0.314	0.313	1	Platelets	POLR2L
CCDC85B1	0.000971	0.588036	0.287	0.288	1	Platelets	CCDC85B
ELOB1	0.000973	0.487403	0.418	0.459	1	Platelets	ELOB
POMP	0.001081	0.618407	0.416	0.461	1	Platelets	POMP
DAD1	0.001161	0.252814	0.34	0.433	1	Platelets	DAD1
S100A101	0.001508	0.408248	0.25	0.231	1	Platelets	S100A10
CDC37	0.001658	0.267051	0.349	0.435	1	Platelets	CDC37
BLOC1S11	0.001722	0.26222	0.285	0.35	1	Platelets	BLOC1S1
VDAC1	0.002031	0.261796	0.229	0.278	1	Platelets	VDAC1
PSMB1	0.002511	0.254222	0.321	0.394	1	Platelets	PSMB1
MDH2	0.003125	0.253286	0.261	0.316	1	Platelets	MDH2
TALDO11	0.004522	0.297484	0.271	0.329	1	Platelets	TALDO1
SRI	0.005686	0.285529	0.246	0.3	1	Platelets	SRI
SNX31	0.006419	0.497431	0.405	0.442	1	Platelets	SNX3
SLC25A51	0.007948	0.286266	0.424	0.528	1	Platelets	SLC25A5
NDUFC1	0.008337	0.363883	0.258	0.25	1	Platelets	NDUFC1
PSMA6	0.008555	0.300278	0.262	0.314	1	Platelets	PSMA6
JCHAIN	0	4.105787	0.309	0.003	0	Naive B-Ce	JCHAIN
CD79A	0	3.846551	0.793	0.005	0	Naive B-Ce	CD79A
IGKC	0	3.804727	0.301	0.009	0	Naive B-Ce	IGKC
IGHM	0	3.722289	0.542	0.003	0	Naive B-Ce	IGHM

MS4A1	0	2.913447	0.651	0.007	0 Naive B-Ce MS4A1
AFF3	0	2.810299	0.655	0.052	0 Naive B-Ce AFF3
BANK1	0	2.737686	0.641	0.011	0 Naive B-Ce BANK1
BACH2	0	2.726614	0.601	0.08	0 Naive B-Ce BACH2
FCRL1	0	2.462315	0.501	0.001	0 Naive B-Ce FCRL1
TCL1A	0	2.121172	0.368	0.002	0 Naive B-Ce TCL1A
FCMR1	0	1.968095	0.6	0.113	0 Naive B-Ce FCMR1
LINC00926	0	1.966075	0.436	0.006	0 Naive B-Ce LINC00926
P2RX5	0	1.87297	0.461	0.024	0 Naive B-Ce P2RX5
LTB1	0	1.863759	0.577	0.114	0 Naive B-Ce LTB1
CD521	0	1.835025	0.724	0.202	0 Naive B-Ce CD521
CD79B	0	1.834377	0.456	0.017	0 Naive B-Ce CD79B
BLK	0	1.824696	0.439	0.007	0 Naive B-Ce BLK
CCR7	0	1.732837	0.403	0.041	0 Naive B-Ce CCR7
RALGPS2	0	1.720117	0.432	0.058	0 Naive B-Ce RALGPS2
BIRC3	0	1.664487	0.433	0.081	0 Naive B-Ce BIRC3
LY9	0	1.600561	0.379	0.046	0 Naive B-Ce LY9
NIBAN3	0	1.581573	0.364	0.003	0 Naive B-Ce NIBAN3
PLEKHG1	0	1.562257	0.361	0.015	0 Naive B-Ce PLEKHG1
FCER2	0	1.530524	0.313	0	0 Naive B-Ce FCER2
IGHD	0	1.474991	0.281	0	0 Naive B-Ce IGHG
VPREB3	0	1.440534	0.303	0	0 Naive B-Ce VPREB3
TLE1	0	1.439426	0.365	0.025	0 Naive B-Ce TLE1
CXCR5	0	1.420958	0.303	0.003	0 Naive B-Ce CXCR5
EBF1	0	1.374092	0.302	0.003	0 Naive B-Ce EBF1
OSBPL10	0	1.280046	0.308	0.009	0 Naive B-Ce OSBPL10
CD19	0	1.279966	0.306	0.008	0 Naive B-Ce CD19
TNFRSF13C	0	1.270956	0.345	0.05	0 Naive B-Ce TNFRSF13C
POU2AF1	0	1.258998	0.308	0.001	0 Naive B-Ce POU2AF1
FCRLA	0	1.226986	0.288	0.001	0 Naive B-Ce FCRLA
SPIB	0	1.206605	0.273	0.02	0 Naive B-Ce SPIB
AC119396.1	0	1.197432	0.287	0.027	0 Naive B-Ce AC119396.1
PAX5	0	1.172469	0.254	0	0 Naive B-Ce PAX5
CD22	0	1.109552	0.265	0.008	0 Naive B-Ce CD22
CD37	2.59E-237	2.22932	0.833	0.642	7.29E-233 Naive B-Ce CD37
RPL18A1	6.36E-209	1.317125	0.944	0.889	1.79E-204 Naive B-Ce RPL18A
RPS51	6.82E-204	1.327397	0.902	0.786	1.92E-199 Naive B-Ce RPS51
ISG201	1.04E-202	1.38654	0.623	0.226	2.93E-198 Naive B-Ce ISG201
RPS231	2.56E-191	1.065909	0.961	0.911	7.21E-187 Naive B-Ce RPS231
HVCN1	5.09E-191	1.335363	0.406	0.112	1.43E-186 Naive B-Ce HVCN1
EZR1	2.92E-190	1.658076	0.762	0.437	8.22E-186 Naive B-Ce EZR1
RIPOR21	2.24E-187	1.267975	0.452	0.129	6.30E-183 Naive B-Ce RIPOR21
TPD52	6.02E-181	1.128256	0.363	0.091	1.70E-176 Naive B-Ce TPD52
RPL81	2.56E-179	1.145537	0.93	0.861	7.21E-175 Naive B-Ce RPL81
RPS81	8.03E-179	1.002939	0.959	0.917	2.26E-174 Naive B-Ce RPS81
SEL1L3	5.17E-178	1.142049	0.334	0.078	1.46E-173 Naive B-Ce SEL1L3
RBM381	9.23E-176	1.550965	0.52	0.187	2.60E-171 Naive B-Ce RBM381

IFT57	5.48E-171	0.982196	0.267	0.054	1.54E-166	Naive B-Ce IFT57
RPL191	5.46E-168	0.94458	0.961	0.909	1.54E-163	Naive B-Ce RPL19
RPL321	3.09E-164	0.996004	0.946	0.913	8.70E-160	Naive B-Ce RPL32
CD551	2.75E-160	1.710444	0.681	0.364	7.74E-156	Naive B-Ce CD55
RPL131	3.37E-160	0.872337	0.975	0.938	9.49E-156	Naive B-Ce RPL13
RPL111	1.28E-156	0.992032	0.946	0.906	3.61E-152	Naive B-Ce RPL11
RPL181	1.47E-153	0.942706	0.929	0.878	4.13E-149	Naive B-Ce RPL18
RPL341	5.97E-150	0.941732	0.944	0.886	1.68E-145	Naive B-Ce RPL34
RPS271	1.20E-149	0.990562	0.952	0.891	3.37E-145	Naive B-Ce RPS27
RPS3A1	1.49E-146	0.920264	0.944	0.882	4.18E-142	Naive B-Ce RPS3A
TXNIP1	2.07E-141	1.472822	0.734	0.428	5.83E-137	Naive B-Ce TXNIP
RPS27A1	4.13E-141	0.911558	0.946	0.893	1.16E-136	Naive B-Ce RPS27A
PRKCB1	9.31E-139	1.345926	0.582	0.269	2.62E-134	Naive B-Ce PRKCB
RPL301	3.14E-138	0.939431	0.95	0.903	8.84E-134	Naive B-Ce RPL30
RASGRP2	5.81E-138	1.068578	0.363	0.109	1.63E-133	Naive B-Ce RASGRP2
RPSA1	4.63E-137	1.112182	0.854	0.744	1.30E-132	Naive B-Ce RPSA
RPS131	7.54E-137	0.865633	0.938	0.887	2.12E-132	Naive B-Ce RPS13
BTG11	9.46E-137	1.365122	0.886	0.798	2.66E-132	Naive B-Ce BTG1
EEF1A11	6.69E-134	0.809199	0.979	0.961	1.88E-129	Naive B-Ce EEF1A1
RPL391	4.48E-133	0.933985	0.933	0.887	1.26E-128	Naive B-Ce RPL39
PIM2	8.24E-133	1.108508	0.333	0.095	2.32E-128	Naive B-Ce PIM2
RPS22	1.60E-130	0.994216	0.913	0.856	4.50E-126	Naive B-Ce RPS2
PLPP5	5.57E-130	1.1304	0.295	0.08	1.57E-125	Naive B-Ce PLPP5
RPL101	8.47E-129	0.791463	0.987	0.947	2.38E-124	Naive B-Ce RPL10
RPS181	2.52E-127	0.830316	0.963	0.91	7.10E-123	Naive B-Ce RPS18
RPS121	1.02E-125	0.83154	0.966	0.921	2.87E-121	Naive B-Ce RPS12
RPL291	1.73E-124	0.828407	0.932	0.883	4.86E-120	Naive B-Ce RPL29
RPL121	5.56E-122	0.84481	0.95	0.896	1.56E-117	Naive B-Ce RPL12
RUBCNL	8.78E-121	1.08657	0.324	0.099	2.47E-116	Naive B-Ce RUBCNL
FAU1	1.27E-119	0.810133	0.933	0.883	3.57E-115	Naive B-Ce FAU
RPL212	6.65E-118	1.101688	0.867	0.758	1.87E-113	Naive B-Ce RPL21
RPS71	5.42E-116	0.803872	0.923	0.871	1.52E-111	Naive B-Ce RPS7
RPS281	9.87E-116	0.80946	0.934	0.886	2.78E-111	Naive B-Ce RPS28
RPS151	5.56E-113	0.741401	0.945	0.899	1.56E-108	Naive B-Ce RPS15
RPS4X2	3.26E-110	0.7919	0.93	0.865	9.18E-106	Naive B-Ce RPS4X
RPL35A1	1.70E-109	0.8246	0.898	0.835	4.77E-105	Naive B-Ce RPL35A
CD40	2.52E-109	0.934785	0.287	0.086	7.08E-105	Naive B-Ce CD40
RPL7A1	1.31E-108	0.741272	0.938	0.878	3.70E-104	Naive B-Ce RPL7A
RPS15A1	1.14E-107	0.707817	0.943	0.897	3.21E-103	Naive B-Ce RPS15A
RACK11	3.72E-107	0.802471	0.883	0.826	1.05E-102	Naive B-Ce RACK1
RPL51	3.73E-107	0.827166	0.895	0.838	1.05E-102	Naive B-Ce RPL5
RPLP02	5.50E-107	0.746284	0.938	0.871	1.55E-102	Naive B-Ce RPLP0
RPS61	4.07E-106	0.751478	0.925	0.883	1.14E-101	Naive B-Ce RPS6
RPS211	5.70E-103	0.863799	0.877	0.82	1.60E-98	Naive B-Ce RPS21
RPL23A1	1.10E-102	0.815533	0.881	0.798	3.09E-98	Naive B-Ce RPL23A
RPL33	4.47E-102	0.758856	0.93	0.873	1.26E-97	Naive B-Ce RPL3
RPL281	6.41E-102	0.679951	0.951	0.925	1.80E-97	Naive B-Ce RPL28

RPLP21	7.94E-102	0.798355	0.895	0.851	2.24E-97	Naive B-Ce RPLP2
RPL221	9.47E-102	0.885858	0.84	0.76	2.67E-97	Naive B-Ce RPL22
RPL10A1	1.83E-101	0.894463	0.863	0.777	5.16E-97	Naive B-Ce RPL10A
RPL412	1.68E-99	1.142821	0.896	0.833	4.73E-95	Naive B-Ce RPL41
RPL91	2.09E-99	0.831183	0.862	0.798	5.88E-95	Naive B-Ce RPL9
RPS91	1.12E-98	0.712823	0.92	0.857	3.16E-94	Naive B-Ce RPS9
RPS31	3.51E-98	0.644782	0.954	0.889	9.88E-94	Naive B-Ce RPS3
TAGLN23	1.14E-96	1.242215	0.614	0.369	3.20E-92	Naive B-Ce TAGLN2
EEF21	5.71E-96	0.884549	0.85	0.757	1.61E-91	Naive B-Ce EEF2
RPL371	5.73E-96	0.767138	0.915	0.873	1.61E-91	Naive B-Ce RPL37
EEF1G	6.83E-96	0.880953	0.813	0.69	1.92E-91	Naive B-Ce EEF1G
LIMD21	6.97E-96	1.200066	0.611	0.37	1.96E-91	Naive B-Ce LIMD2
RPL13A1	5.78E-95	0.856535	0.842	0.752	1.63E-90	Naive B-Ce RPL13A
SELL	6.77E-94	1.169313	0.416	0.177	1.91E-89	Naive B-Ce SELL
JUND1	9.66E-90	1.042634	0.852	0.794	2.72E-85	Naive B-Ce JUND
CD72	8.56E-89	0.892752	0.252	0.078	2.41E-84	Naive B-Ce CD72
RPS251	1.26E-87	0.694068	0.905	0.857	3.54E-83	Naive B-Ce RPS25
RPL261	1.32E-87	0.629533	0.938	0.892	3.72E-83	Naive B-Ce RPL26
RPL15	1.22E-86	0.680269	0.899	0.853	3.42E-82	Naive B-Ce RPL15
TENT5C2	6.81E-86	0.94086	0.409	0.168	1.92E-81	Naive B-Ce TENT5C
SMCHD11	6.94E-86	1.00973	0.614	0.366	1.95E-81	Naive B-Ce SMCHD1
RPL61	1.17E-84	0.678211	0.919	0.865	3.28E-80	Naive B-Ce RPL6
EEF1B21	1.17E-84	0.790829	0.857	0.759	3.28E-80	Naive B-Ce EEF1B2
RPS191	1.32E-82	0.580525	0.952	0.925	3.72E-78	Naive B-Ce RPS19
SNHG71	4.24E-80	1.067519	0.465	0.236	1.19E-75	Naive B-Ce SNHG7
RPL141	7.75E-80	0.662201	0.898	0.863	2.18E-75	Naive B-Ce RPL14
RPLP11	1.23E-79	0.528141	0.979	0.95	3.45E-75	Naive B-Ce RPLP1
LAPTM51	1.70E-76	0.689454	0.893	0.849	4.79E-72	Naive B-Ce LAPTM5
CNN21	1.02E-75	0.716327	0.374	0.15	2.88E-71	Naive B-Ce CNN2
RPL361	4.13E-75	0.647871	0.878	0.842	1.16E-70	Naive B-Ce RPL36
ZCCHC7	2.72E-74	1.050597	0.379	0.17	7.64E-70	Naive B-Ce ZCCHC7
NOP531	5.88E-74	1.000315	0.632	0.454	1.65E-69	Naive B-Ce NOP53
RHOH1	1.79E-73	1.025028	0.533	0.303	5.04E-69	Naive B-Ce RHOH
EEF1D1	2.56E-73	0.812507	0.797	0.72	7.20E-69	Naive B-Ce EEF1D
RPS141	6.06E-73	0.582686	0.945	0.892	1.71E-68	Naive B-Ce RPS14
PRDM2	3.90E-71	1.008737	0.41	0.201	1.10E-66	Naive B-Ce PRDM2
TLE51	2.54E-70	0.990161	0.542	0.315	7.14E-66	Naive B-Ce TLE5
CD691	1.07E-69	1.499565	0.713	0.559	3.01E-65	Naive B-Ce CD69
IQSEC1	1.35E-69	0.701943	0.254	0.088	3.79E-65	Naive B-Ce IQSEC1
RPL171	2.45E-69	0.585209	0.911	0.842	6.90E-65	Naive B-Ce RPL17
RPS11	1.15E-67	0.804013	0.763	0.676	3.23E-63	Naive B-Ce RPS11
RPS161	3.17E-67	0.608849	0.889	0.828	8.93E-63	Naive B-Ce RPS16
HLA-DQA1:	8.21E-67	0.779124	0.73	0.505	2.31E-62	Naive B-Ce HLA-DQA1
ANXA61	2.39E-66	0.638789	0.304	0.116	6.72E-62	Naive B-Ce ANXA6
TSC22D31	4.94E-66	0.892079	0.83	0.744	1.39E-61	Naive B-Ce TSC22D3
MGAT5	4.49E-64	0.999026	0.501	0.29	1.26E-59	Naive B-Ce MGAT5
RCSD1	1.76E-63	0.985346	0.607	0.424	4.95E-59	Naive B-Ce RCSD1

IL2RG1	3.78E-63	0.596704	0.438	0.198	1.06E-58	Naive B-Ce IL2RG
EIF2AK3	1.06E-62	0.948604	0.342	0.155	2.99E-58	Naive B-Ce EIF2AK3
PTPRCAP1	1.06E-61	0.744531	0.317	0.126	2.99E-57	Naive B-Ce PTPRCAP
NCF1	1.40E-61	0.939417	0.509	0.311	3.94E-57	Naive B-Ce NCF1
PTMA2	2.82E-61	0.555652	0.941	0.913	7.93E-57	Naive B-Ce PTMA
FAM3C	4.58E-61	0.876969	0.287	0.119	1.29E-56	Naive B-Ce FAM3C
CXCR41	1.83E-60	0.709683	0.763	0.544	5.15E-56	Naive B-Ce CXCR4
HLA-DQA2:	3.86E-60	0.961272	0.357	0.169	1.09E-55	Naive B-Ce HLA-DQA2
TSTD11	5.53E-59	0.75451	0.323	0.143	1.56E-54	Naive B-Ce TSTD1
SIPA1L3	3.05E-58	0.795194	0.251	0.096	8.58E-54	Naive B-Ce SIPA1L3
CD741	1.11E-57	0.453809	0.993	0.931	3.12E-53	Naive B-Ce CD74
SLC38A11	1.62E-56	0.495363	0.337	0.143	4.54E-52	Naive B-Ce SLC38A1
CYFIP21	4.18E-56	0.555367	0.261	0.099	1.18E-51	Naive B-Ce CYFIP2
MARCKSL1	1.15E-55	0.814078	0.278	0.116	3.22E-51	Naive B-Ce MARCKSL1
CD481	7.94E-55	0.652175	0.362	0.167	2.23E-50	Naive B-Ce CD48
RPL241	2.01E-54	0.540869	0.881	0.822	5.65E-50	Naive B-Ce RPL24
IL4R	2.07E-53	1.111114	0.344	0.178	5.82E-49	Naive B-Ce IL4R
RAC22	2.06E-52	0.581549	0.513	0.285	5.80E-48	Naive B-Ce RAC2
ARRDC2	3.20E-52	0.957892	0.356	0.187	9.01E-48	Naive B-Ce ARRDC2
ADK	4.84E-52	1.101225	0.434	0.256	1.36E-47	Naive B-Ce ADK
RPL351	1.48E-51	0.579985	0.85	0.807	4.16E-47	Naive B-Ce RPL35
YBX32	8.90E-51	1.408432	0.472	0.321	2.51E-46	Naive B-Ce YBX3
PPDPF1	1.25E-50	0.631792	0.602	0.384	3.51E-46	Naive B-Ce PPDPF
SEPTIN91	5.94E-50	0.628679	0.402	0.204	1.67E-45	Naive B-Ce SEPTIN9
IRF81	1.41E-49	0.896202	0.504	0.332	3.98E-45	Naive B-Ce IRF8
TMEM243	2.36E-47	0.835756	0.393	0.225	6.64E-43	Naive B-Ce TMEM243
YWHAZ1	3.00E-47	0.694896	0.725	0.627	8.43E-43	Naive B-Ce YWHAZ
SNX21	1.26E-46	0.863296	0.47	0.307	3.55E-42	Naive B-Ce SNX2
MTRNR2L1	7.57E-46	0.976788	0.674	0.502	2.13E-41	Naive B-Ce MTRNR2L12
SH3BP5	1.48E-45	0.652906	0.269	0.122	4.17E-41	Naive B-Ce SH3BP5
STRBP	4.85E-45	0.635094	0.256	0.113	1.37E-40	Naive B-Ce STRBP
EIF11	5.50E-45	0.497224	0.931	0.919	1.55E-40	Naive B-Ce EIF1
ICAM31	1.20E-44	0.521495	0.299	0.136	3.37E-40	Naive B-Ce ICAM3
NACA1	3.07E-44	0.491956	0.865	0.835	8.63E-40	Naive B-Ce NACA
LSM71	3.99E-44	0.884228	0.477	0.32	1.12E-39	Naive B-Ce LSM7
HINT12	4.63E-43	0.735101	0.618	0.492	1.30E-38	Naive B-Ce HINT1
HLA-DPB11	9.47E-43	0.485573	0.822	0.688	2.67E-38	Naive B-Ce HLA-DPB1
UBA521	2.60E-42	0.489733	0.819	0.78	7.31E-38	Naive B-Ce UBA52
RPL37A1	3.56E-42	0.529816	0.822	0.78	1.00E-37	Naive B-Ce RPL37A
RPL42	9.35E-42	0.618017	0.778	0.731	2.63E-37	Naive B-Ce RPL4
GNG71	1.21E-41	0.774096	0.488	0.329	3.41E-37	Naive B-Ce GNG7
CHPT1	1.34E-41	0.744516	0.322	0.17	3.76E-37	Naive B-Ce CHPT1
HLA-DRA1	3.41E-41	0.368067	0.934	0.755	9.59E-37	Naive B-Ce HLA-DRA
SMIM14	1.45E-39	0.735149	0.258	0.125	4.07E-35	Naive B-Ce SMIM14
ORAI2	1.47E-39	0.615933	0.256	0.122	4.12E-35	Naive B-Ce ORAI2
CYTIP1	5.29E-39	0.59863	0.487	0.303	1.49E-34	Naive B-Ce CYTIP
RPL271	3.73E-38	0.560874	0.773	0.717	1.05E-33	Naive B-Ce RPL27

HERPUD11	5.36E-38	0.730247	0.728	0.644	1.51E-33	Naive B-Ce	HERPUD1
PFDN51	1.28E-36	0.543008	0.774	0.731	3.61E-32	Naive B-Ce	PFDN5
RPL71	1.55E-36	0.608295	0.698	0.619	4.35E-32	Naive B-Ce	RPL7
TNFAIP81	9.30E-36	0.652985	0.343	0.191	2.62E-31	Naive B-Ce	TNFAIP8
SLC25A6	2.62E-35	0.614031	0.696	0.639	7.39E-31	Naive B-Ce	SLC25A6
RPS241	3.08E-35	0.36645	0.932	0.904	8.67E-31	Naive B-Ce	RPS24
TBC1D10C1	6.53E-35	0.491661	0.282	0.138	1.84E-30	Naive B-Ce	TBC1D10C
SRPK21	3.27E-34	0.630971	0.362	0.212	9.19E-30	Naive B-Ce	SRPK2
TRBC21	4.01E-34	0.310223	0.276	0.129	1.13E-29	Naive B-Ce	TRBC2
CD831	2.97E-33	0.585687	0.889	0.738	8.37E-29	Naive B-Ce	CD83
MKNK21	8.25E-33	0.74019	0.385	0.249	2.32E-28	Naive B-Ce	MKNK2
SP1401	5.55E-32	0.679487	0.347	0.206	1.56E-27	Naive B-Ce	SP140
PIM3	1.40E-31	0.775526	0.283	0.155	3.95E-27	Naive B-Ce	PIM3
UBALD21	3.98E-31	0.871575	0.445	0.317	1.12E-26	Naive B-Ce	UBALD2
YPEL51	4.31E-31	0.732633	0.528	0.402	1.21E-26	Naive B-Ce	YPEL5
NSD31	6.27E-30	0.601189	0.416	0.276	1.76E-25	Naive B-Ce	NSD3
PDE7A1	1.69E-29	0.506291	0.349	0.203	4.75E-25	Naive B-Ce	PDE7A
RPS291	2.36E-29	0.519031	0.745	0.686	6.63E-25	Naive B-Ce	RPS29
TMEM1231	4.08E-29	0.766155	0.392	0.265	1.15E-24	Naive B-Ce	TMEM123
ATF7IP1	2.86E-28	0.7721	0.439	0.313	8.04E-24	Naive B-Ce	ATF7IP
CCNI1	4.32E-28	0.608971	0.649	0.593	1.22E-23	Naive B-Ce	CCNI
FAM107B1	3.22E-27	0.536167	0.359	0.222	9.05E-23	Naive B-Ce	FAM107B
USP12	1.64E-26	0.606706	0.251	0.137	4.61E-22	Naive B-Ce	USP12
ITPR1	1.72E-26	0.755009	0.352	0.229	4.83E-22	Naive B-Ce	ITPR1
PABPC11	2.08E-26	0.383463	0.829	0.827	5.84E-22	Naive B-Ce	PABPC1
AC007384.1	3.21E-26	0.709343	0.314	0.191	9.03E-22	Naive B-Ce	AC007384.1
PRKCE	5.61E-26	0.687355	0.3	0.18	1.58E-21	Naive B-Ce	PRKCE
11-Mar	7.47E-26	0.696407	0.342	0.218	2.10E-21	Naive B-Ce	1-Mar
PPP3CC1	3.44E-25	0.504639	0.26	0.145	9.69E-21	Naive B-Ce	PPP3CC
MTSS11	4.52E-25	0.595073	0.379	0.251	1.27E-20	Naive B-Ce	MTSS1
PPM1K	2.15E-24	0.575587	0.281	0.168	6.04E-20	Naive B-Ce	PPM1K
SYPL1	2.98E-24	0.63372	0.292	0.181	8.38E-20	Naive B-Ce	SYPL1
DUSP51	3.12E-24	0.654177	0.308	0.187	8.78E-20	Naive B-Ce	DUSP5
CLEC2D1	1.81E-23	0.461739	0.255	0.141	5.10E-19	Naive B-Ce	CLEC2D
IL161	3.18E-23	0.649398	0.343	0.228	8.95E-19	Naive B-Ce	IL16
SEPTIN11	1.07E-22	0.294732	0.267	0.145	3.01E-18	Naive B-Ce	SEPTIN1
HLA-DQB1.1	2.40E-22	0.354923	0.739	0.587	6.76E-18	Naive B-Ce	HLA-DQB1
ERP292	2.72E-22	0.575189	0.505	0.409	7.65E-18	Naive B-Ce	ERP29
UCP22	3.34E-22	0.57537	0.471	0.363	9.40E-18	Naive B-Ce	UCP2
TNFRSF141	8.90E-22	0.4839	0.287	0.177	2.51E-17	Naive B-Ce	TNFRSF14
CCND31	5.19E-21	0.582265	0.512	0.418	1.46E-16	Naive B-Ce	CCND3
CAMK2D	5.86E-21	0.702627	0.382	0.274	1.65E-16	Naive B-Ce	CAMK2D
HNRNPA11	9.68E-21	0.443338	0.717	0.683	2.72E-16	Naive B-Ce	HNRNPA1
FOXP11	1.79E-20	0.58761	0.56	0.477	5.03E-16	Naive B-Ce	FOXP1
LYN1	2.08E-20	0.486482	0.614	0.518	5.84E-16	Naive B-Ce	LYN
SF11	2.62E-20	0.492338	0.618	0.542	7.38E-16	Naive B-Ce	SF1
CD471	2.85E-20	0.540454	0.342	0.233	8.02E-16	Naive B-Ce	CD47

SLC44A2	2.93E-20	0.526623	0.295	0.189	8.25E-16	Naive B-Ce SLC44A2
SMAP21	9.03E-20	0.438051	0.731	0.71	2.54E-15	Naive B-Ce SMAP2
SMARCB1	1.41E-19	0.566721	0.252	0.156	3.97E-15	Naive B-Ce SMARCB1
SP1001	1.44E-19	0.526919	0.593	0.523	4.05E-15	Naive B-Ce SP100
RFTN11	2.26E-19	0.53989	0.266	0.163	6.37E-15	Naive B-Ce RFTN1
EMP32	2.63E-19	0.620495	0.446	0.336	7.40E-15	Naive B-Ce EMP3
LBH1	6.27E-19	0.480723	0.256	0.152	1.77E-14	Naive B-Ce LBH
ANKRD44	1.51E-18	0.561057	0.614	0.555	4.26E-14	Naive B-Ce ANKRD44
SYNGR21	1.96E-18	0.505675	0.537	0.451	5.52E-14	Naive B-Ce SYNGR2
LSP12	2.37E-18	0.340442	0.516	0.385	6.68E-14	Naive B-Ce LSP1
VPS37B1	2.65E-18	0.503024	0.402	0.3	7.47E-14	Naive B-Ce VPS37B
SNX91	3.65E-18	0.556426	0.555	0.467	1.03E-13	Naive B-Ce SNX9
CD441	3.98E-18	0.27138	0.393	0.26	1.12E-13	Naive B-Ce CD44
NFKB2	2.48E-17	0.533794	0.254	0.163	6.98E-13	Naive B-Ce NFKB2
ANAPC161	3.76E-17	0.530159	0.488	0.408	1.06E-12	Naive B-Ce ANAPC16
OSER1	4.28E-17	0.555534	0.263	0.173	1.21E-12	Naive B-Ce OSER1
SLC2A31	6.03E-17	0.416915	0.536	0.433	1.70E-12	Naive B-Ce SLC2A3
RPL36A1	7.34E-17	0.352589	0.775	0.761	2.07E-12	Naive B-Ce RPL36A
GAS51	1.35E-16	0.505237	0.504	0.432	3.79E-12	Naive B-Ce GAS5
PPP1CC	3.51E-16	0.443997	0.294	0.203	9.86E-12	Naive B-Ce PPP1CC
SP140L	3.55E-16	0.521852	0.256	0.168	9.98E-12	Naive B-Ce SP140L
RPL381	5.05E-16	0.44278	0.679	0.655	1.42E-11	Naive B-Ce RPL38
RPL311	7.12E-16	0.383559	0.706	0.678	2.00E-11	Naive B-Ce RPL31
PLP21	9.45E-16	0.476533	0.267	0.174	2.66E-11	Naive B-Ce PLP2
PACS11	1.00E-15	0.542089	0.345	0.251	2.83E-11	Naive B-Ce PACS1
POU2F21	1.25E-15	0.57497	0.313	0.229	3.51E-11	Naive B-Ce POU2F2
BTF31	1.26E-15	0.325199	0.734	0.708	3.55E-11	Naive B-Ce BTF3
SET2	1.37E-15	0.52294	0.482	0.407	3.85E-11	Naive B-Ce SET
UVRAG1	1.86E-15	0.597159	0.407	0.326	5.22E-11	Naive B-Ce UVRAG
EIF3F1	1.96E-15	0.447109	0.561	0.508	5.50E-11	Naive B-Ce EIF3F
PLCG21	1.64E-14	0.534714	0.307	0.224	4.60E-10	Naive B-Ce PLCG2
JUNB1	1.80E-14	0.269491	0.913	0.883	5.06E-10	Naive B-Ce JUNB
MT-ATP6	1.88E-14	0.363226	0.833	0.839	5.28E-10	Naive B-Ce MT-ATP6
SELENOF	2.25E-14	0.535295	0.385	0.308	6.33E-10	Naive B-Ce SELENOF
RPS201	4.92E-14	0.500882	0.544	0.498	1.38E-09	Naive B-Ce RPS20
CALHM61	5.20E-14	0.496758	0.29	0.205	1.46E-09	Naive B-Ce CALHM6
SNHG291	5.66E-14	0.442647	0.594	0.548	1.59E-09	Naive B-Ce SNHG29
IRF11	6.70E-14	0.427877	0.331	0.237	1.88E-09	Naive B-Ce IRF1
SMDT11	7.15E-14	0.558561	0.429	0.361	2.01E-09	Naive B-Ce SMDT1
RPL27A1	7.45E-14	0.393784	0.625	0.589	2.10E-09	Naive B-Ce RPL27A
UXT1	1.09E-13	0.480236	0.407	0.339	3.05E-09	Naive B-Ce UXT
DENND4A1	1.47E-13	0.540453	0.392	0.311	4.13E-09	Naive B-Ce DENND4A
UTRN1	2.26E-13	0.454086	0.424	0.341	6.37E-09	Naive B-Ce UTRN
EIF3L	2.52E-13	0.485289	0.467	0.41	7.10E-09	Naive B-Ce EIF3L
EIF2S3	2.80E-13	0.505806	0.359	0.284	7.88E-09	Naive B-Ce EIF2S3
ADD1	2.90E-13	0.496481	0.314	0.236	8.16E-09	Naive B-Ce ADD1
ATP6V1G1:	1.15E-12	0.438606	0.482	0.425	3.24E-08	Naive B-Ce ATP6V1G1

SP1101	1.26E-12	0.532082	0.385	0.312	3.55E-08	Naive B-Ce SP110
SNX32	1.59E-12	0.48227	0.489	0.441	4.47E-08	Naive B-Ce SNX3
SWAP701	1.73E-12	0.456289	0.384	0.309	4.88E-08	Naive B-Ce SWAP70
ARID5B	1.83E-12	0.423785	0.493	0.403	5.15E-08	Naive B-Ce ARID5B
TSPYL21	2.70E-12	0.371592	0.301	0.213	7.59E-08	Naive B-Ce TSPYL2
STK17A1	7.19E-12	0.433176	0.46	0.388	2.02E-07	Naive B-Ce STK17A
CRIP11	1.59E-11	0.290641	0.279	0.185	4.47E-07	Naive B-Ce CRIP1
ITSN2	6.28E-11	0.521448	0.393	0.334	1.77E-06	Naive B-Ce ITSN2
KDM4C1	6.58E-11	0.368118	0.296	0.22	1.85E-06	Naive B-Ce KDM4C
TOMM71	1.42E-10	0.349283	0.614	0.585	3.98E-06	Naive B-Ce TOMM7
GPSM31	1.46E-10	0.43313	0.486	0.439	4.09E-06	Naive B-Ce GPSM3
TUBA1A3	2.48E-10	0.525689	0.386	0.321	6.98E-06	Naive B-Ce TUBA1A
COX7C1	2.72E-10	0.329278	0.632	0.611	7.64E-06	Naive B-Ce COX7C
ALG13	2.90E-10	0.532647	0.306	0.241	8.17E-06	Naive B-Ce ALG13
TCF42	3.95E-10	0.446149	0.345	0.28	1.11E-05	Naive B-Ce TCF4
DRAM21	5.46E-10	0.493236	0.276	0.216	1.54E-05	Naive B-Ce DRAM2
SEC62	5.71E-10	0.435595	0.433	0.391	1.61E-05	Naive B-Ce SEC62
RELB	8.80E-10	0.44577	0.294	0.231	2.48E-05	Naive B-Ce RELB
PPP4R3A1	9.24E-10	0.369773	0.283	0.215	2.60E-05	Naive B-Ce PPP4R3A
EIF3H1	1.50E-09	0.352864	0.507	0.471	4.21E-05	Naive B-Ce EIF3H
LINC01619	1.63E-09	0.41461	0.286	0.216	4.58E-05	Naive B-Ce LINC01619
ZFAS11	2.12E-09	0.386276	0.603	0.587	5.96E-05	Naive B-Ce ZFAS1
PDE4B	2.26E-09	0.299993	0.55	0.482	6.35E-05	Naive B-Ce PDE4B
HNRNPK	5.06E-09	0.323328	0.597	0.579	0.000142	Naive B-Ce HNRNPK
FXYD51	5.30E-09	0.28203	0.63	0.591	0.000149	Naive B-Ce FXYD5
NUP58	6.25E-09	0.443427	0.274	0.215	0.000176	Naive B-Ce NUP58
MAPK1IP11	6.62E-09	0.440081	0.364	0.309	0.000186	Naive B-Ce MAPK1IP1L
TAGAP1	1.11E-08	0.403445	0.542	0.504	0.000312	Naive B-Ce TAGAP
PHB2	1.13E-08	0.408965	0.374	0.319	0.000317	Naive B-Ce PHB2
SEPTIN71	1.26E-08	0.377215	0.437	0.385	0.000354	Naive B-Ce SEPTIN7
STX71	1.42E-08	0.432973	0.304	0.248	0.0004	Naive B-Ce STX7
SNHG8	1.44E-08	0.41253	0.458	0.418	0.000404	Naive B-Ce SNHG8
GRASP1	2.85E-08	0.39891	0.487	0.431	0.000803	Naive B-Ce GRASP
UBXN1	3.29E-08	0.425132	0.474	0.448	0.000926	Naive B-Ce UBXN1
CIRBP1	3.47E-08	0.301711	0.645	0.644	0.000978	Naive B-Ce CIRBP
RAB11A	4.53E-08	0.477734	0.377	0.336	0.001274	Naive B-Ce RAB11A
PARP11	5.14E-08	0.365205	0.313	0.258	0.001447	Naive B-Ce PARP1
TAPBP1	5.90E-08	0.372976	0.359	0.312	0.001661	Naive B-Ce TAPBP
CHMP1B	6.21E-08	0.742361	0.308	0.255	0.001747	Naive B-Ce CHMP1B
HNRNPA01	8.51E-08	0.366987	0.495	0.469	0.002395	Naive B-Ce HNRNPA0
ARF61	8.73E-08	0.380923	0.391	0.345	0.002456	Naive B-Ce ARF6
ASXL11	8.93E-08	0.393643	0.282	0.224	0.002512	Naive B-Ce ASXL1
ODC1	9.45E-08	0.349001	0.345	0.286	0.002659	Naive B-Ce ODC1
YBX12	1.33E-07	0.327133	0.644	0.634	0.003734	Naive B-Ce YBX1
P2RY81	1.61E-07	0.263484	0.281	0.218	0.00453	Naive B-Ce P2RY8
SNU131	1.76E-07	0.350474	0.404	0.358	0.004951	Naive B-Ce SNU13
PCBP1	2.84E-07	0.401759	0.43	0.4	0.00799	Naive B-Ce PCBP1

ELOVL51	3.15E-07	0.372515	0.333	0.288	0.00886	Naive B-Ce ELOVL5
KMT2E1	3.42E-07	0.352492	0.482	0.45	0.009636	Naive B-Ce KMT2E
LYST1	3.64E-07	0.372001	0.297	0.244	0.01024	Naive B-Ce LYST
JAK11	4.22E-07	0.326873	0.504	0.48	0.011879	Naive B-Ce JAK1
RPS171	4.47E-07	0.368714	0.493	0.466	0.012583	Naive B-Ce RPS17
TCEA1	4.66E-07	0.428917	0.348	0.306	0.013111	Naive B-Ce TCEA1
TAF1D1	5.36E-07	0.450059	0.383	0.347	0.015087	Naive B-Ce TAF1D
DAZAP21	6.00E-07	0.32509	0.577	0.574	0.016883	Naive B-Ce DAZAP2
LMBRD1	6.67E-07	0.374572	0.337	0.292	0.018764	Naive B-Ce LMBRD1
LAMTOR5	7.07E-07	0.405581	0.278	0.23	0.01988	Naive B-Ce LAMTOR5
ARID1B1	8.45E-07	0.394032	0.368	0.318	0.023785	Naive B-Ce ARID1B
RESF11	9.92E-07	0.273952	0.355	0.297	0.027923	Naive B-Ce RESF1
TUT41	1.08E-06	0.376064	0.297	0.245	0.030427	Naive B-Ce TUT4
CDK13	1.53E-06	0.392187	0.251	0.201	0.043038	Naive B-Ce CDK13
TANK	1.63E-06	0.328531	0.329	0.286	0.045786	Naive B-Ce TANK
ATP2B1	1.72E-06	0.341272	0.386	0.338	0.048436	Naive B-Ce ATP2B1
EIF3E1	2.15E-06	0.348789	0.443	0.427	0.060363	Naive B-Ce EIF3E
EHMT1	3.19E-06	0.333623	0.273	0.225	0.089873	Naive B-Ce EHMT1
PAPOLA	4.48E-06	0.364242	0.324	0.281	0.126096	Naive B-Ce PAPOLA
NCL2	5.35E-06	0.265114	0.6	0.599	0.150505	Naive B-Ce NCL
YPEL3	6.16E-06	0.325611	0.463	0.432	0.17346	Naive B-Ce YPEL3
PIK3IP11	6.73E-06	0.354807	0.329	0.286	0.18934	Naive B-Ce PIK3IP1
CYCS1	7.53E-06	0.439314	0.41	0.377	0.212015	Naive B-Ce CYCS
TAF71	1.36E-05	0.333122	0.272	0.229	0.384	Naive B-Ce TAF7
EIF4B1	1.60E-05	0.323994	0.403	0.375	0.449661	Naive B-Ce EIF4B
CSK1	1.68E-05	0.329521	0.349	0.317	0.4726	Naive B-Ce CSK
VAMP21	2.29E-05	0.29194	0.399	0.368	0.645597	Naive B-Ce VAMP2
COMMD61	4.11E-05	0.262567	0.562	0.562	1	Naive B-Ce COMMD6
BPTF1	4.99E-05	0.305175	0.377	0.349	1	Naive B-Ce BPTF
SYF21	6.64E-05	0.303298	0.283	0.247	1	Naive B-Ce SYF2
MTPN	6.99E-05	0.36796	0.333	0.309	1	Naive B-Ce MTPN
RBM8A1	8.32E-05	0.362887	0.407	0.394	1	Naive B-Ce RBM8A
PLEKHA21	8.40E-05	0.301152	0.273	0.235	1	Naive B-Ce PLEKHA2
FBXSD21	9.59E-05	0.277492	0.416	0.384	1	Naive B-Ce FBXSD2
CDC42SE1	9.98E-05	0.41756	0.392	0.376	1	Naive B-Ce CDC42SE1
AHNAK1	0.00013	0.303084	0.316	0.266	1	Naive B-Ce AHNAK
BLNK1	0.000141	0.344683	0.294	0.26	1	Naive B-Ce BLNK
SNHG61	0.000149	0.331635	0.464	0.451	1	Naive B-Ce SNHG6
PTPN61	0.000167	0.314928	0.376	0.358	1	Naive B-Ce PTPN6
SNX291	0.000182	0.380117	0.333	0.304	1	Naive B-Ce SNX29
BTBD9	0.000285	0.303779	0.251	0.215	1	Naive B-Ce BTBD9
EIF1B	0.000309	0.337334	0.337	0.316	1	Naive B-Ce EIF1B
UBE2J1	0.000321	0.348979	0.278	0.247	1	Naive B-Ce UBE2J1
DDX61	0.000357	0.282429	0.333	0.303	1	Naive B-Ce DDX6
GPBP11	0.000363	0.29973	0.327	0.299	1	Naive B-Ce GPBP1
EIF5A1	0.000426	0.311896	0.357	0.34	1	Naive B-Ce EIF5A
RBM31	0.000443	0.281265	0.473	0.473	1	Naive B-Ce RBM3

UQCRH	0.00055	0.313722	0.44	0.44	1 Naive B-Ce UQCRH
KRT101	0.000745	0.253781	0.335	0.311	1 Naive B-Ce KRT10
RPS4Y11	0.000985	0.367013	0.427	0.433	1 Naive B-Ce RPS4Y1
RSL24D11	0.001001	0.328528	0.286	0.263	1 Naive B-Ce RSL24D1
PMAIP11	0.001029	0.266184	0.311	0.28	1 Naive B-Ce PMAIP1
GTF3A1	0.001188	0.287678	0.329	0.305	1 Naive B-Ce GTF3A
TSPAN31	0.001259	0.301292	0.276	0.255	1 Naive B-Ce TSPAN3
TRIM221	0.001427	0.343648	0.395	0.385	1 Naive B-Ce TRIM22
ZBTB11	0.00148	0.325464	0.274	0.246	1 Naive B-Ce ZBTB1
RNPS1	0.001483	0.282745	0.315	0.296	1 Naive B-Ce RNPS1
KHDRBS12	0.001531	0.28501	0.378	0.367	1 Naive B-Ce KHDRBS1
NCOA3	0.001582	0.311141	0.316	0.294	1 Naive B-Ce NCOA3
WASHC41	0.001769	0.290816	0.282	0.259	1 Naive B-Ce WASHC4
BBX1	0.002062	0.324042	0.274	0.25	1 Naive B-Ce BBX
APPL1	0.00267	0.294703	0.28	0.259	1 Naive B-Ce APPL1
EIF4A21	0.002704	0.26875	0.485	0.501	1 Naive B-Ce EIF4A2
PTK2B	0.003316	0.259883	0.285	0.258	1 Naive B-Ce PTK2B
TRIO1	0.003482	0.308979	0.265	0.242	1 Naive B-Ce TRIO
RSRP11	0.004217	0.261705	0.453	0.448	1 Naive B-Ce RSRP1
PCBP2	0.005452	0.305345	0.378	0.379	1 Naive B-Ce PCBP2
RAD212	0.009949	0.263305	0.276	0.256	1 Naive B-Ce RAD21

Supplementary Table 4: DEGs for Figure 2D

	p_val	avg_log2FC	pct.1	pct.2	p_val_adj	cluster	gene
MT2A	0	1.475991	0.534	0.335	0	MG-Inflam	MT2A
CCL3L1	0	1.337038	0.918	0.675	0	MG-Inflam	CCL3L1
CCL4L2	0	1.226513	0.935	0.732	0	MG-Inflam	CCL4L2
IL1A	0	1.222393	0.474	0.163	0	MG-Inflam	IL1A
CCL3	0	1.155995	0.973	0.832	0	MG-Inflam	CCL3
IL1B	0	1.138198	0.864	0.57	0	MG-Inflam	IL1B
CCL4	0	1.112468	0.954	0.814	0	MG-Inflam	CCL4
CH25H	0	1.043404	0.7	0.388	0	MG-Inflam	CH25H
ABL2	0	0.996241	0.67	0.279	0	MG-Inflam	ABL2
TRIB1	0	0.972463	0.808	0.406	0	MG-Inflam	TRIB1
CCL2	0	0.971975	0.497	0.28	0	MG-Inflam	CCL2
EIF4E	0	0.960005	0.692	0.339	0	MG-Inflam	EIF4E
NR4A1	0	0.937665	0.969	0.724	0	MG-Inflam	NR4A1
C5AR1	0	0.91843	0.808	0.414	0	MG-Inflam	C5AR1
PLAUR	0	0.910896	0.787	0.445	0	MG-Inflam	PLAUR
RGS16	0	0.891009	0.64	0.292	0	MG-Inflam	RGS16
B3GNT5	0	0.869985	0.889	0.528	0	MG-Inflam	B3GNT5
CSRNP1	0	0.85742	0.772	0.366	0	MG-Inflam	CSRNP1
BCL2A1	0	0.830635	0.736	0.421	0	MG-Inflam	BCL2A1
NR4A2	0	0.827374	0.974	0.721	0	MG-Inflam	NR4A2
SERPINE1	0	0.815651	0.627	0.337	0	MG-Inflam	SERPINE1
SRGN	0	0.811668	0.998	0.916	0	MG-Inflam	SRGN
SPP1	0	0.781415	0.953	0.788	0	MG-Inflam	SPP1
DBI	0	0.761611	0.903	0.653	0	MG-Inflam	DBI
KDM6B	0	0.759654	0.816	0.45	0	MG-Inflam	KDM6B
CEBPB	0	0.753902	0.907	0.62	0	MG-Inflam	CEBPB
ICAM1	0	0.750832	0.547	0.252	0	MG-Inflam	ICAM1
ID2	0	0.748648	0.892	0.576	0	MG-Inflam	ID2
CDKN1A	0	0.746222	0.829	0.498	0	MG-Inflam	CDKN1A
KLF10	0	0.741678	0.648	0.322	0	MG-Inflam	KLF10
OLR1	0	0.734796	0.969	0.726	0	MG-Inflam	OLR1
HBEGF	0	0.730989	0.516	0.22	0	MG-Inflam	HBEGF
NEDD9	0	0.73043	0.797	0.414	0	MG-Inflam	NEDD9
CXCL8	0	0.72957	0.679	0.441	0	MG-Inflam	CXCL8
RHOB	0	0.724526	0.971	0.773	0	MG-Inflam	RHOB
NR4A3	0	0.721684	0.872	0.545	0	MG-Inflam	NR4A3
NFKBID	0	0.720526	0.774	0.41	0	MG-Inflam	NFKBID
PPP1R15A	0	0.718415	0.933	0.677	0	MG-Inflam	PPP1R15A
GADD45G	0	0.716969	0.376	0.154	0	MG-Inflam	GADD45G
GRASP	0	0.713022	0.811	0.453	0	MG-Inflam	GRASP
NLRP3	0	0.710898	0.758	0.433	0	MG-Inflam	NLRP3
JUND	0	0.702434	0.954	0.744	0	MG-Inflam	JUND
GOS2	0	0.696075	0.254	0.125	0	MG-Inflam	GOS2
NFKB1	0	0.687662	0.819	0.524	0	MG-Inflam	NFKB1
KLF6	0	0.670435	0.995	0.859	0	MG-Inflam	KLF6

OSM	0	0.666819	0.536	0.223	0 MG-Inflam OSM
SPRY1	0	0.647872	0.453	0.179	0 MG-Inflam SPRY1
MAFF	0	0.647389	0.447	0.177	0 MG-Inflam MAFF
LCP2	0	0.634811	0.817	0.545	0 MG-Inflam LCP2
RGCC	0	0.629089	0.428	0.22	0 MG-Inflam RGCC
NFKBIA	0	0.616229	0.957	0.785	0 MG-Inflam NFKBIA
SERTAD1	0	0.613555	0.607	0.287	0 MG-Inflam SERTAD1
PNP	0	0.611321	0.491	0.22	0 MG-Inflam PNP
TNFRSF12A	0	0.604561	0.293	0.097	0 MG-Inflam TNFRSF12A
RAMP1	0	0.602783	0.367	0.126	0 MG-Inflam RAMP1
DUSP2	0	0.598642	0.577	0.332	0 MG-Inflam DUSP2
MAP3K8	0	0.597324	0.872	0.589	0 MG-Inflam MAP3K8
ELL2	0	0.596017	0.969	0.724	0 MG-Inflam ELL2
SPRY2	0	0.593192	0.454	0.19	0 MG-Inflam SPRY2
REL	0	0.592224	0.931	0.682	0 MG-Inflam REL
SNX9	0	0.59165	0.776	0.465	0 MG-Inflam SNX9
TNFAIP8L3	0	0.586317	0.382	0.153	0 MG-Inflam TNFAIP8L3
SGK1	0	0.580725	0.989	0.816	0 MG-Inflam SGK1
EGR2	0	0.567868	0.723	0.424	0 MG-Inflam EGR2
RILPL2	0	0.56739	0.784	0.465	0 MG-Inflam RILPL2
GPR183	0	0.564709	0.852	0.568	0 MG-Inflam GPR183
RGS1	0	0.564466	0.976	0.791	0 MG-Inflam RGS1
PLEK	0	0.564364	0.747	0.496	0 MG-Inflam PLEK
MIDN	0	0.563792	0.52	0.238	0 MG-Inflam MIDN
OTUD1	0	0.557892	0.761	0.491	0 MG-Inflam OTUD1
FTH1	0	0.551553	1	0.978	0 MG-Inflam FTH1
MCL1	0	0.548764	0.97	0.765	0 MG-Inflam MCL1
ZFP36	0	0.547387	0.997	0.907	0 MG-Inflam ZFP36
FPR1	0	0.541804	0.846	0.55	0 MG-Inflam FPR1
PDGFB	0	0.53068	0.572	0.278	0 MG-Inflam PDGFB
MAP2K3	0	0.526442	0.491	0.197	0 MG-Inflam MAP2K3
IRAK2	0	0.51835	0.723	0.366	0 MG-Inflam IRAK2
TNFAIP3	0	0.517792	0.734	0.484	0 MG-Inflam TNFAIP3
BASP1	0	0.517428	0.758	0.491	0 MG-Inflam BASP1
JUNB	0	0.517357	0.985	0.853	0 MG-Inflam JUNB
SYTL3	0	0.512381	0.622	0.351	0 MG-Inflam SYTL3
ITPRIP	0	0.51082	0.519	0.23	0 MG-Inflam ITPRIP
PTGS2	0	0.508099	0.499	0.268	0 MG-Inflam PTGS2
ARID5B	0	0.502724	0.624	0.342	0 MG-Inflam ARID5B
RAB20	0	0.500246	0.681	0.377	0 MG-Inflam RAB20
VEGFA	0	0.499223	0.284	0.103	0 MG-Inflam VEGFA
SYAP1	0	0.495482	0.568	0.309	0 MG-Inflam SYAP1
PHLDA1	0	0.495306	0.309	0.121	0 MG-Inflam PHLDA1
AL078590.1	0	0.49352	0.649	0.363	0 MG-Inflam AL078590.2
FOSB	0	0.493188	0.952	0.701	0 MG-Inflam FOSB
PANX1	0	0.491788	0.401	0.152	0 MG-Inflam PANX1
PLIN2	0	0.488772	0.475	0.276	0 MG-Inflam PLIN2

XBP1	0	0.486903	0.713	0.413	0 MG-Inflam XBP1
ETS2	0	0.486548	0.834	0.568	0 MG-Inflam ETS2
AC046195.	0	0.48616	0.469	0.204	0 MG-Inflam AC046195.1
CD83	0	0.48445	0.996	0.881	0 MG-Inflam CD83
NFIL3	0	0.484069	0.514	0.252	0 MG-Inflam NFIL3
SPHK1	0	0.483224	0.264	0.074	0 MG-Inflam SPHK1
DUSP1	0	0.479318	0.998	0.923	0 MG-Inflam DUSP1
EGR3	0	0.47203	0.69	0.373	0 MG-Inflam EGR3
TMIGD3	0	0.47064	0.579	0.328	0 MG-Inflam TMIGD3
CREM	0	0.469913	0.741	0.441	0 MG-Inflam CREM
KLF2	0	0.469696	0.903	0.651	0 MG-Inflam KLF2
SLC11A1	0	0.465879	0.831	0.563	0 MG-Inflam SLC11A1
STX11	0	0.465494	0.583	0.288	0 MG-Inflam STX11
PLK3	0	0.463442	0.688	0.372	0 MG-Inflam PLK3
NRP2	0	0.457973	0.44	0.194	0 MG-Inflam NRP2
AL118516.:	0	0.457562	0.498	0.241	0 MG-Inflam AL118516.1
LUCAT1	0	0.457194	0.282	0.089	0 MG-Inflam LUCAT1
NFATC1	0	0.452213	0.419	0.186	0 MG-Inflam NFATC1
FLT1	0	0.451787	0.328	0.133	0 MG-Inflam FLT1
HAVCR2	0	0.450509	0.773	0.494	0 MG-Inflam HAVCR2
MCF2L2	0	0.447692	0.576	0.289	0 MG-Inflam MCF2L2
HIF1A	0	0.44545	0.865	0.63	0 MG-Inflam HIF1A
ZNF267	0	0.441433	0.541	0.264	0 MG-Inflam ZNF267
GPR84	0	0.437511	0.339	0.129	0 MG-Inflam GPR84
SAT1	0	0.437417	0.998	0.96	0 MG-Inflam SAT1
CHSY1	0	0.436546	0.556	0.262	0 MG-Inflam CHSY1
LMNA	0	0.434124	0.263	0.107	0 MG-Inflam LMNA
OGFRL1	0	0.43252	0.851	0.606	0 MG-Inflam OGFRL1
EIF5	0	0.429821	0.847	0.58	0 MG-Inflam EIF5
CKB	0	0.428605	0.596	0.322	0 MG-Inflam CKB
CFLAR	0	0.428402	0.647	0.397	0 MG-Inflam CFLAR
IRF2BP2	0	0.42694	0.448	0.211	0 MG-Inflam IRF2BP2
ZNF331	0	0.422228	0.807	0.556	0 MG-Inflam ZNF331
GADD45B	0	0.420625	0.934	0.72	0 MG-Inflam GADD45B
C3AR1	0	0.418963	0.823	0.566	0 MG-Inflam C3AR1
SOCS3	0	0.416499	0.352	0.133	0 MG-Inflam SOCS3
SKIL	0	0.41502	0.866	0.604	0 MG-Inflam SKIL
SLC3A2	0	0.414431	0.568	0.313	0 MG-Inflam SLC3A2
MYADM	0	0.414298	0.485	0.284	0 MG-Inflam MYADM
PDE4B	0	0.414117	0.681	0.437	0 MG-Inflam PDE4B
DDIT3	0	0.410461	0.477	0.226	0 MG-Inflam DDIT3
PRXL2C	0	0.407853	0.427	0.18	0 MG-Inflam PRXL2C
CXCL16	0	0.405918	0.832	0.574	0 MG-Inflam CXCL16
TUBB4B	0	0.404401	0.629	0.354	0 MG-Inflam TUBB4B
SELENOK	0	0.403979	0.638	0.387	0 MG-Inflam SELENOK
CD69	0	0.402753	0.682	0.424	0 MG-Inflam CD69
ITGAX	0	0.400717	0.62	0.34	0 MG-Inflam ITGAX

LINC00963	0	0.397118	0.465	0.208	0 MG-Inflam LINC00963
AF213884.3	0	0.395385	0.426	0.211	0 MG-Inflam AF213884.3
ERCC1	0	0.391545	0.768	0.514	0 MG-Inflam ERCC1
PDE4DIP	0	0.390626	0.47	0.228	0 MG-Inflam PDE4DIP
STX4	0	0.390134	0.479	0.245	0 MG-Inflam STX4
JMJD6	0	0.390013	0.431	0.196	0 MG-Inflam JMJD6
ZFAND5	0	0.389455	0.665	0.439	0 MG-Inflam ZFAND5
AL139807.1	0	0.387617	0.384	0.16	0 MG-Inflam AL139807.1
BTG3	0	0.387282	0.437	0.192	0 MG-Inflam BTG3
TNFSF9	0	0.3871	0.377	0.159	0 MG-Inflam TNFSF9
BHLHE40	0	0.385431	0.452	0.218	0 MG-Inflam BHLHE40
CTDSP1	0	0.384704	0.517	0.255	0 MG-Inflam CTDSP1
PLVAP	0	0.38441	0.281	0.114	0 MG-Inflam PLVAP
SRSF5	0	0.382096	0.817	0.562	0 MG-Inflam SRSF5
CKS2	0	0.379525	0.442	0.238	0 MG-Inflam CKS2
SH2B3	0	0.379142	0.576	0.293	0 MG-Inflam SH2B3
ELOC	0	0.378362	0.586	0.337	0 MG-Inflam ELOC
EIF4A1	0	0.376716	0.933	0.754	0 MG-Inflam EIF4A1
H3F3B	0	0.376704	0.989	0.891	0 MG-Inflam H3F3B
IRAK3	0	0.375893	0.841	0.588	0 MG-Inflam IRAK3
IL1RN	0	0.375415	0.251	0.136	0 MG-Inflam IL1RN
CEBPD	0	0.375243	0.977	0.832	0 MG-Inflam CEBPD
AL136987.1	0	0.374362	0.459	0.235	0 MG-Inflam AL136987.1
RRAGA	0	0.373452	0.358	0.186	0 MG-Inflam RRAGA
SFPQ	0	0.37314	0.818	0.564	0 MG-Inflam SFPQ
PDPN	0	0.371382	0.441	0.21	0 MG-Inflam PDPN
RAB1A	0	0.367284	0.746	0.457	0 MG-Inflam RAB1A
ITGAV	0	0.366893	0.652	0.38	0 MG-Inflam ITGAV
KLHL6	0	0.364526	0.645	0.353	0 MG-Inflam KLHL6
NAF1	0	0.360798	0.411	0.195	0 MG-Inflam NAF1
AC131944.1	0	0.359143	0.458	0.204	0 MG-Inflam AC131944.1
UBASH3B	0	0.358419	0.365	0.144	0 MG-Inflam UBASH3B
3-Mar	0	0.357633	0.642	0.414	0 MG-Inflam 3-Mar
ELF1	0	0.356057	0.858	0.601	0 MG-Inflam ELF1
PTGER4	0	0.351274	0.556	0.307	0 MG-Inflam PTGER4
NRARP	0	0.346108	0.251	0.084	0 MG-Inflam NRARP
PER1	0	0.34266	0.776	0.496	0 MG-Inflam PER1
GNA13	0	0.338475	0.825	0.522	0 MG-Inflam GNA13
GBP2	0	0.337278	0.573	0.346	0 MG-Inflam GBP2
TNF	0	0.336861	0.61	0.388	0 MG-Inflam TNF
CHMP4B	0	0.334968	0.525	0.276	0 MG-Inflam CHMP4B
PRKCH	0	0.33466	0.789	0.524	0 MG-Inflam PRKCH
PMEPA1	0	0.334488	0.544	0.286	0 MG-Inflam PMEPA1
MAP4K3	0	0.334015	0.73	0.43	0 MG-Inflam MAP4K3
TG	0	0.333818	0.284	0.116	0 MG-Inflam TG
TPRG1	0	0.333642	0.276	0.124	0 MG-Inflam TPRG1
SRSF2	0	0.330345	0.714	0.464	0 MG-Inflam SRSF2

ATP13A3	0	0.329091	0.522	0.259	0 MG-Inflam ATP13A3
CTSL	0	0.327696	0.528	0.313	0 MG-Inflam CTSL
PDK4	0	0.327516	0.783	0.549	0 MG-Inflam PDK4
SOD2	0	0.326406	0.734	0.525	0 MG-Inflam SOD2
ARL6IP1	0	0.326338	0.766	0.522	0 MG-Inflam ARL6IP1
RELB	0	0.324571	0.426	0.201	0 MG-Inflam RELB
AKAP13	0	0.322321	0.931	0.725	0 MG-Inflam AKAP13
APOC2	0	0.322011	0.777	0.589	0 MG-Inflam APOC2
RASSF5	0	0.321253	0.56	0.299	0 MG-Inflam RASSF5
KLF4	0	0.320168	0.716	0.434	0 MG-Inflam KLF4
ATF3	0	0.319773	0.776	0.513	0 MG-Inflam ATF3
LILRB4	0	0.31885	0.847	0.598	0 MG-Inflam LILRB4
TPM4	0	0.318645	0.596	0.36	0 MG-Inflam TPM4
IPCEF1	0	0.318367	0.702	0.437	0 MG-Inflam IPCEF1
PRDM1	0	0.318188	0.515	0.295	0 MG-Inflam PRDM1
AZIN1-AS1	0	0.314254	0.513	0.304	0 MG-Inflam AZIN1-AS1
GABARAPL	0	0.313923	0.483	0.257	0 MG-Inflam GABARAPL1
NRROS	0	0.313815	0.281	0.114	0 MG-Inflam NRROS
MSR1	0	0.311992	0.749	0.516	0 MG-Inflam MSR1
TGIF1	0	0.311984	0.397	0.204	0 MG-Inflam TGIF1
GLIPR2	0	0.308348	0.31	0.138	0 MG-Inflam GLIPR2
SRSF3	0	0.307877	0.724	0.473	0 MG-Inflam SRSF3
FHOD1	0	0.307467	0.267	0.128	0 MG-Inflam FHOD1
AC087286.	0	0.307299	0.32	0.137	0 MG-Inflam AC087286.2
SLC16A3	0	0.307147	0.528	0.319	0 MG-Inflam SLC16A3
TSC22D3	0	0.301039	0.87	0.662	0 MG-Inflam TSC22D3
IRS2	0	0.300697	0.614	0.372	0 MG-Inflam IRS2
TMEM52B	0	0.299453	0.48	0.253	0 MG-Inflam TMEM52B
LIMS1	0	0.299315	0.864	0.625	0 MG-Inflam LIMS1
PDE4A	0	0.299305	0.389	0.193	0 MG-Inflam PDE4A
SLC1A5	0	0.298352	0.487	0.272	0 MG-Inflam SLC1A5
DUSP6	0	0.297892	0.402	0.246	0 MG-Inflam DUSP6
FCGR1A	0	0.297403	0.681	0.445	0 MG-Inflam FCGR1A
SLC37A2	0	0.29732	0.45	0.251	0 MG-Inflam SLC37A2
TUBA1C	0	0.297092	0.448	0.245	0 MG-Inflam TUBA1C
PEAK1	0	0.295967	0.708	0.422	0 MG-Inflam PEAK1
PTPN1	0	0.294629	0.594	0.34	0 MG-Inflam PTPN1
AC079015.	0	0.292405	0.301	0.129	0 MG-Inflam AC079015.1
POMP	0	0.292054	0.693	0.445	0 MG-Inflam POMP
CLEC7A	0	0.291705	0.799	0.564	0 MG-Inflam CLEC7A
DAGLB	0	0.291278	0.614	0.365	0 MG-Inflam DAGLB
MANBA	0	0.290962	0.717	0.49	0 MG-Inflam MANBA
GPR132	0	0.290627	0.426	0.233	0 MG-Inflam GPR132
IER3	0	0.290618	0.917	0.717	0 MG-Inflam IER3
INAFM2	0	0.289237	0.374	0.184	0 MG-Inflam INAFM2
PMAIP1	0	0.288835	0.428	0.252	0 MG-Inflam PMAIP1
BZW1	0	0.288038	0.563	0.323	0 MG-Inflam BZW1

HERPUD1	0	0.286692	0.841	0.654	0 MG-Inflam HERPUD1
EIF1	0	0.286544	0.99	0.9	0 MG-Inflam EIF1
SLC7A1	0	0.28569	0.282	0.108	0 MG-Inflam SLC7A1
CSF2RA	0	0.285378	0.848	0.613	0 MG-Inflam CSF2RA
CDC14B	0	0.283662	0.259	0.118	0 MG-Inflam CDC14B
ENSA	0	0.283504	0.812	0.568	0 MG-Inflam ENSA
SLC2A3	0	0.283155	0.563	0.321	0 MG-Inflam SLC2A3
RFX2	0	0.282743	0.47	0.232	0 MG-Inflam RFX2
SPTLC2	0	0.282347	0.773	0.537	0 MG-Inflam SPTLC2
SSPN	0	0.281177	0.465	0.263	0 MG-Inflam SSPN
RAPGEF1	0	0.2789	0.737	0.466	0 MG-Inflam RAPGEF1
ANXA5	0	0.278662	0.806	0.571	0 MG-Inflam ANXA5
IFNGR2	0	0.278531	0.711	0.485	0 MG-Inflam IFNGR2
ARID5A	0	0.277148	0.524	0.312	0 MG-Inflam ARID5A
MYC	0	0.276693	0.278	0.134	0 MG-Inflam MYC
PNRC1	0	0.275046	0.957	0.814	0 MG-Inflam PNRC1
C9orf72	0	0.274711	0.751	0.511	0 MG-Inflam C9orf72
IL1RAP	0	0.273925	0.592	0.329	0 MG-Inflam IL1RAP
UST	0	0.273736	0.319	0.145	0 MG-Inflam UST
CSNK1A1	0	0.271565	0.689	0.433	0 MG-Inflam CSNK1A1
BCL6	0	0.270895	0.495	0.273	0 MG-Inflam BCL6
CITED2	0	0.270312	0.671	0.441	0 MG-Inflam CITED2
FABP5	0	0.267804	0.325	0.186	0 MG-Inflam FABP5
SDCBP	0	0.267651	0.808	0.58	0 MG-Inflam SDCBP
SELENOS	0	0.265424	0.396	0.212	0 MG-Inflam SELENOS
UBE2F	0	0.265207	0.458	0.261	0 MG-Inflam UBE2F
JDP2	0	0.263107	0.743	0.507	0 MG-Inflam JDP2
CDC42SE1	0	0.262234	0.561	0.323	0 MG-Inflam CDC42SE1
CXCR4	0	0.26184	0.598	0.411	0 MG-Inflam CXCR4
MS4A7	0	0.261485	0.84	0.632	0 MG-Inflam MS4A7
LINC01366	0	0.259275	0.287	0.138	0 MG-Inflam LINC01366
SOCS6	0	0.258549	0.546	0.327	0 MG-Inflam SOCS6
RTN4	0	0.255955	0.79	0.574	0 MG-Inflam RTN4
DDX3X	0	0.254148	0.695	0.447	0 MG-Inflam DDX3X
FP236383.3	0	1.299721	0.742	0.447	0 MG-Phago FP236383.3
AC004448.2	0	1.018533	0.368	0.183	0 MG-Phago AC004448.2
FP671120.4	0	0.888485	0.534	0.391	0 MG-Phago FP671120.4
TUBA1B	0	0.793051	0.805	0.81	0 MG-Phago TUBA1B
C1QB	0	0.731044	0.952	0.879	0 MG-Phago C1QB
RPLP0	0	0.641685	0.883	0.865	0 MG-Phago RPLP0
C1QA	0	0.632681	0.918	0.872	0 MG-Phago C1QA
AIF1	0	0.625021	0.755	0.792	0 MG-Phago AIF1
APOC21	0	0.622988	0.681	0.63	0 MG-Phago APOC2
PFN1	0	0.621509	0.826	0.828	0 MG-Phago PFN1
APOC1	0	0.620607	0.817	0.775	0 MG-Phago APOC1
NPC2	0	0.601315	0.801	0.806	0 MG-Phago NPC2
C1QC	0	0.584527	0.958	0.889	0 MG-Phago C1QC

RPL5	0	0.565259	0.819	0.843	0 MG-Phago RPL5
GABARAP	0	0.560696	0.749	0.8	0 MG-Phago GABARAP
ACTB	0	0.550784	0.989	0.967	0 MG-Phago ACTB
ZFP36L1	0	0.541776	0.865	0.877	0 MG-Phago ZFP36L1
CD74	0	0.515527	0.996	0.989	0 MG-Phago CD74
MT-ATP8	0	0.511419	0.788	0.831	0 MG-Phago MT-ATP8
TMSB4X	0	0.509176	0.985	0.958	0 MG-Phago TMSB4X
RPL8	0	0.503662	0.847	0.855	0 MG-Phago RPL8
RPS8	0	0.503207	0.927	0.912	0 MG-Phago RPS8
RPL7A	0	0.497614	0.854	0.874	0 MG-Phago RPL7A
APOE	0	0.493259	0.97	0.909	0 MG-Phago APOE
TPT1	0	0.492403	0.972	0.952	0 MG-Phago TPT1
RPL15	0	0.481486	0.837	0.862	0 MG-Phago RPL15
RPL17	0	0.48076	0.804	0.844	0 MG-Phago RPL17
RPL6	0	0.479959	0.833	0.865	0 MG-Phago RPL6
RPL12	0	0.476032	0.883	0.895	0 MG-Phago RPL12
RPS15	0	0.473998	0.885	0.896	0 MG-Phago RPS15
RPL29	0	0.472522	0.873	0.882	0 MG-Phago RPL29
NACA	0	0.467741	0.791	0.847	0 MG-Phago NACA
RPS3	0	0.465554	0.88	0.877	0 MG-Phago RPS3
FCER1G	0	0.463949	0.781	0.826	0 MG-Phago FCER1G
RPL13	0	0.459098	0.954	0.932	0 MG-Phago RPL13
RPS7	0	0.459023	0.841	0.867	0 MG-Phago RPS7
RPS23	0	0.455839	0.917	0.907	0 MG-Phago RPS23
OAZ1	0	0.449998	0.734	0.813	0 MG-Phago OAZ1
RPL14	0	0.447515	0.814	0.866	0 MG-Phago RPL14
S100A11	0	0.446656	0.794	0.84	0 MG-Phago S100A11
RACK1	0	0.445489	0.782	0.834	0 MG-Phago RACK1
RPL11	0	0.443915	0.895	0.902	0 MG-Phago RPL11
RPLP1	0	0.441607	0.97	0.943	0 MG-Phago RPLP1
RPS18	0	0.440549	0.914	0.903	0 MG-Phago RPS18
PSAP	0	0.439797	0.873	0.901	0 MG-Phago PSAP
RPL26	0	0.439507	0.882	0.889	0 MG-Phago RPL26
RPS13	0	0.438738	0.882	0.887	0 MG-Phago RPS13
RPS27A	0	0.429226	0.874	0.886	0 MG-Phago RPS27A
RPL19	0	0.429151	0.906	0.905	0 MG-Phago RPL19
RPS12	0	0.425779	0.933	0.911	0 MG-Phago RPS12
GAPDH	0	0.424116	0.863	0.868	0 MG-Phago GAPDH
RPS6	0	0.419323	0.87	0.886	0 MG-Phago RPS6
RPS14	0	0.418427	0.887	0.885	0 MG-Phago RPS14
RPS19	0	0.417537	0.927	0.921	0 MG-Phago RPS19
RPS24	0	0.417101	0.897	0.903	0 MG-Phago RPS24
RPL28	0	0.416705	0.926	0.918	0 MG-Phago RPL28
RPS4X	0	0.408603	0.833	0.861	0 MG-Phago RPS4X
RPL10	0	0.405425	0.962	0.943	0 MG-Phago RPL10
RPL3	0	0.403559	0.845	0.875	0 MG-Phago RPL3
RPS3A	0	0.402857	0.869	0.878	0 MG-Phago RPS3A

TYROBP	0	0.402097	0.884	0.917	0	MG-Phago	TYROBP
RPL18	0	0.399583	0.849	0.881	0	MG-Phago	RPL18
FAU	0	0.397207	0.843	0.89	0	MG-Phago	FAU
RPL32	0	0.391746	0.907	0.909	0	MG-Phago	RPL32
RPS15A	0	0.391068	0.874	0.891	0	MG-Phago	RPS15A
CYBA	0	0.390003	0.85	0.896	0	MG-Phago	CYBA
FTL	0	0.38692	0.989	0.97	0	MG-Phago	FTL
RPL30	0	0.380526	0.887	0.896	0	MG-Phago	RPL30
RPL18A	0	0.376091	0.872	0.885	0	MG-Phago	RPL18A
CST3	0	0.369783	0.9	0.902	0	MG-Phago	CST3
HLA-DPA1	0	0.354427	0.908	0.87	0	MG-Phago	HLA-DPA1
RPS28	0	0.35036	0.845	0.887	0	MG-Phago	RPS28
HLA-B	0	0.333155	0.921	0.937	0	MG-Phago	HLA-B
HLA-DRB1	0	0.25045	0.933	0.903	0	MG-Phago	HLA-DRB1
RPS5	1.54E-296	0.471336	0.738	0.777	4.35E-292	MG-Phago	RPS5
HAMP	2.06E-288	0.895949	0.426	0.35	5.79E-284	MG-Phago	HAMP
C3	2.09E-288	0.39558	0.887	0.89	5.89E-284	MG-Phago	C3
TMSB10	3.79E-287	0.285414	0.905	0.93	1.07E-282	MG-Phago	TMSB10
RPS25	2.95E-282	0.362161	0.799	0.862	8.31E-278	MG-Phago	RPS25
CD81	2.39E-270	0.385047	0.797	0.858	6.73E-266	MG-Phago	CD81
ATP5MC2	3.23E-270	0.539053	0.668	0.735	9.10E-266	MG-Phago	ATP5MC2
RPL34	9.50E-260	0.323695	0.843	0.89	2.67E-255	MG-Phago	RPL34
CTSB	9.41E-257	0.311346	0.876	0.928	2.65E-252	MG-Phago	CTSB
CFL1	4.04E-255	0.395577	0.793	0.852	1.14E-250	MG-Phago	CFL1
RPL36	3.24E-240	0.36313	0.773	0.85	9.11E-236	MG-Phago	RPL36
RPS26	6.25E-238	0.392852	0.77	0.825	1.76E-233	MG-Phago	RPS26
HIST1H1E	2.98E-237	1.056299	0.287	0.206	8.40E-233	MG-Phago	HIST1H1E
ATP5F1E	1.15E-227	0.46432	0.686	0.77	3.22E-223	MG-Phago	ATP5F1E
ARPC3	4.07E-227	0.442533	0.688	0.787	1.14E-222	MG-Phago	ARPC3
PPIA	1.79E-226	0.399319	0.745	0.83	5.05E-222	MG-Phago	PPIA
TMEM176B	3.54E-224	0.676969	0.54	0.541	9.97E-220	MG-Phago	TMEM176B
SERF2	3.04E-219	0.416025	0.72	0.823	8.56E-215	MG-Phago	SERF2
NME2	1.43E-218	0.553281	0.627	0.677	4.01E-214	MG-Phago	NME2
RNASET2	2.98E-209	0.30174	0.83	0.919	8.39E-205	MG-Phago	RNASET2
COX4I1	1.57E-207	0.464059	0.674	0.756	4.42E-203	MG-Phago	COX4I1
RPL35	1.00E-188	0.372285	0.726	0.817	2.81E-184	MG-Phago	RPL35
ALOX5AP	1.05E-187	0.444264	0.698	0.759	2.97E-183	MG-Phago	ALOX5AP
TREM2	3.42E-177	0.42019	0.689	0.745	9.63E-173	MG-Phago	TREM2
PTMA	3.92E-167	0.254942	0.869	0.916	1.10E-162	MG-Phago	PTMA
RPL39	1.12E-164	0.269146	0.845	0.892	3.15E-160	MG-Phago	RPL39
FCGR3A	1.22E-162	0.639092	0.573	0.613	3.44E-158	MG-Phago	FCGR3A
B2M	1.27E-156	0.307895	0.976	0.972	3.57E-152	MG-Phago	B2M
RPL4	1.18E-155	0.484884	0.676	0.755	3.33E-151	MG-Phago	RPL4
TSPO	4.44E-152	0.554115	0.571	0.618	1.25E-147	MG-Phago	TSPO
EEF1B2	1.92E-151	0.391294	0.705	0.776	5.40E-147	MG-Phago	EEF1B2
RPLP2	1.62E-145	0.283994	0.775	0.86	4.57E-141	MG-Phago	RPLP2
RAC1	2.26E-143	0.305427	0.729	0.85	6.35E-139	MG-Phago	RAC1

ARPC1B	7.43E-142	0.490264	0.611	0.704	2.09E-137	MG-Phago	ARPC1B
MYL6	1.14E-133	0.379079	0.7	0.791	3.21E-129	MG-Phago	MYL6
HLA-E	5.89E-132	0.305807	0.748	0.852	1.66E-127	MG-Phago	HLA-E
RPL35A	3.39E-124	0.27634	0.755	0.839	9.54E-120	MG-Phago	RPL35A
RPL10A	4.48E-122	0.353668	0.695	0.783	1.26E-117	MG-Phago	RPL10A
RPL22	2.86E-111	0.360432	0.672	0.775	8.04E-107	MG-Phago	RPL22
HLA-DMA	1.06E-98	0.367141	0.661	0.724	2.99E-94	MG-Phago	HLA-DMA
MT-ND5	7.68E-98	0.392156	0.814	0.897	2.16E-93	MG-Phago	MT-ND5
UBA52	1.17E-96	0.296429	0.695	0.797	3.29E-92	MG-Phago	UBA52
RPSA	1.97E-96	0.390095	0.646	0.737	5.54E-92	MG-Phago	RPSA
EEF1G	9.40E-96	0.410422	0.629	0.711	2.65E-91	MG-Phago	EEF1G
APOO	1.19E-93	0.624295	0.314	0.275	3.34E-89	MG-Phago	APOO
RPS21	1.84E-92	0.2698	0.729	0.824	5.16E-88	MG-Phago	RPS21
EIF5A	5.18E-91	0.257825	0.244	0.366	1.46E-86	MG-Phago	EIF5A
A2M	7.96E-91	0.331035	0.703	0.764	2.24E-86	MG-Phago	A2M
PPT1	1.04E-87	0.702613	0.504	0.554	2.92E-83	MG-Phago	PPT1
ARHGDIB	4.32E-84	0.418545	0.614	0.724	1.22E-79	MG-Phago	ARHGDIB
ITGB2	9.32E-82	0.40232	0.65	0.763	2.62E-77	MG-Phago	ITGB2
PFDN5	3.20E-81	0.363269	0.636	0.75	9.00E-77	MG-Phago	PFDN5
RPL24	9.27E-78	0.259028	0.733	0.837	2.61E-73	MG-Phago	RPL24
TUBB	2.61E-76	0.798889	0.452	0.484	7.33E-72	MG-Phago	TUBB
CLTC	2.70E-72	0.267763	0.262	0.379	7.60E-68	MG-Phago	CLTC
RAN	1.61E-68	0.276196	0.338	0.489	4.53E-64	MG-Phago	RAN
SH3BGRL3	2.61E-67	0.366741	0.603	0.683	7.33E-63	MG-Phago	SH3BGRL3
HLA-DQB1	9.24E-63	0.263457	0.722	0.744	2.60E-58	MG-Phago	HLA-DQB1
RPL23A	2.96E-62	0.270819	0.701	0.8	8.33E-58	MG-Phago	RPL23A
CAPRIN1	3.77E-62	0.262776	0.188	0.274	1.06E-57	MG-Phago	CAPRIN1
RHOA	3.41E-61	0.311901	0.656	0.787	9.60E-57	MG-Phago	RHOA
CD302	1.16E-59	0.532918	0.518	0.586	3.25E-55	MG-Phago	CD302
NCL	3.26E-58	0.273488	0.453	0.633	9.17E-54	MG-Phago	NCL
FCGRT	2.24E-57	0.390347	0.618	0.733	6.32E-53	MG-Phago	FCGRT
IFI6	4.92E-57	0.318868	0.213	0.3	1.38E-52	MG-Phago	IFI6
RPS4Y1	1.36E-56	0.497138	0.423	0.432	3.82E-52	MG-Phago	RPS4Y1
MOB1A	4.05E-56	0.31413	0.308	0.438	1.14E-51	MG-Phago	MOB1A
YWHAH	5.13E-56	0.458873	0.577	0.666	1.44E-51	MG-Phago	YWHAH
MS4A6A	5.86E-54	0.433692	0.508	0.549	1.65E-49	MG-Phago	MS4A6A
UQCR10	1.81E-50	0.568397	0.434	0.478	5.10E-46	MG-Phago	UQCR10
HLA-DRB5	7.53E-50	0.345645	0.651	0.704	2.12E-45	MG-Phago	HLA-DRB5
BTF3	3.61E-49	0.359079	0.617	0.728	1.02E-44	MG-Phago	BTF3
EEF2	6.09E-49	0.324642	0.683	0.785	1.71E-44	MG-Phago	EEF2
SRSF9	7.09E-49	0.275312	0.287	0.401	2.00E-44	MG-Phago	SRSF9
HCLS1	8.27E-47	0.297753	0.67	0.821	2.33E-42	MG-Phago	HCLS1
RNASEK	2.39E-43	0.35516	0.612	0.734	6.74E-39	MG-Phago	RNASEK
TGOLN2	2.73E-43	0.295747	0.325	0.448	7.67E-39	MG-Phago	TGOLN2
NUCB1	1.01E-42	0.305475	0.253	0.349	2.83E-38	MG-Phago	NUCB1
TUFM	3.88E-42	0.287118	0.249	0.344	1.09E-37	MG-Phago	TUFM
PSMD8	4.77E-41	0.25514	0.216	0.296	1.34E-36	MG-Phago	PSMD8

BAX	1.84E-40	0.260915	0.309	0.422	5.18E-36	MG-Phago	BAX
COPE	5.31E-40	0.25832	0.332	0.458	1.49E-35	MG-Phago	COPE
PSMB3	6.64E-39	0.268025	0.275	0.377	1.87E-34	MG-Phago	PSMB3
ENO1	2.85E-38	0.293584	0.369	0.506	8.02E-34	MG-Phago	ENO1
RPL27	5.49E-38	0.310342	0.62	0.734	1.55E-33	MG-Phago	RPL27
RBBP4	7.87E-38	0.252164	0.188	0.256	2.21E-33	MG-Phago	RBBP4
CIB1	1.64E-37	0.262994	0.255	0.346	4.62E-33	MG-Phago	CIB1
ATP5PB	1.81E-37	0.267534	0.277	0.377	5.08E-33	MG-Phago	ATP5PB
HADHA	5.94E-37	0.264263	0.277	0.376	1.67E-32	MG-Phago	HADHA
CCL21	7.64E-36	0.360014	0.345	0.337	2.15E-31	MG-Phago	CCL2
PA2G4	6.47E-35	0.301863	0.224	0.303	1.82E-30	MG-Phago	PA2G4
PHB2	7.63E-35	0.261018	0.256	0.347	2.15E-30	MG-Phago	PHB2
AP2M1	1.07E-34	0.275669	0.257	0.348	3.00E-30	MG-Phago	AP2M1
SRP9	2.13E-34	0.264129	0.203	0.275	6.00E-30	MG-Phago	SRP9
ERP29	3.86E-34	0.255327	0.32	0.431	1.09E-29	MG-Phago	ERP29
CLTA	4.10E-34	0.258604	0.351	0.478	1.15E-29	MG-Phago	CLTA
RAB5C	7.89E-34	0.289892	0.335	0.459	2.22E-29	MG-Phago	RAB5C
SIVA1	9.16E-34	0.261952	0.198	0.266	2.58E-29	MG-Phago	SIVA1
ATP5F1B	1.11E-33	0.268365	0.417	0.571	3.13E-29	MG-Phago	ATP5F1B
FCGBP	1.47E-33	0.504425	0.38	0.383	4.13E-29	MG-Phago	FCGBP
HSBP1	1.57E-33	0.253829	0.224	0.301	4.41E-29	MG-Phago	HSBP1
EID1	2.64E-33	0.259552	0.304	0.41	7.43E-29	MG-Phago	EID1
ZYX	1.40E-32	0.278399	0.354	0.469	3.95E-28	MG-Phago	ZYX
ATP5MG	2.08E-32	0.415673	0.535	0.634	5.87E-28	MG-Phago	ATP5MG
GSTP1	4.15E-32	0.440618	0.517	0.597	1.17E-27	MG-Phago	GSTP1
VAMP8	8.70E-32	0.481182	0.467	0.54	2.45E-27	MG-Phago	VAMP8
KDELR1	1.22E-31	0.259769	0.292	0.395	3.42E-27	MG-Phago	KDELR1
ALDOA	1.72E-31	0.276119	0.359	0.481	4.83E-27	MG-Phago	ALDOA
BCAP31	1.81E-31	0.26297	0.353	0.48	5.09E-27	MG-Phago	BCAP31
DRAP1	2.72E-31	0.256323	0.34	0.464	7.66E-27	MG-Phago	DRAP1
SUSD3	5.78E-31	0.263423	0.199	0.264	1.63E-26	MG-Phago	SUSD3
NOP10	1.08E-30	0.263725	0.259	0.345	3.04E-26	MG-Phago	NOP10
LINC01736	1.79E-30	0.480801	0.405	0.44	5.03E-26	MG-Phago	LINC01736
SSR2	2.36E-30	0.277118	0.312	0.42	6.64E-26	MG-Phago	SSR2
TMED9	3.01E-30	0.292732	0.296	0.399	8.46E-26	MG-Phago	TMED9
H2AFV	3.68E-30	0.337687	0.234	0.313	1.04E-25	MG-Phago	H2AFV
FKBP1A	4.73E-30	0.284069	0.233	0.309	1.33E-25	MG-Phago	FKBP1A
SELENOH	5.88E-30	0.262943	0.34	0.46	1.65E-25	MG-Phago	SELENOH
MDH2	6.86E-30	0.286015	0.254	0.339	1.93E-25	MG-Phago	MDH2
ATP5F1A	7.14E-30	0.29493	0.257	0.345	2.01E-25	MG-Phago	ATP5F1A
GPSM3	2.20E-29	0.26015	0.337	0.456	6.18E-25	MG-Phago	GPSM3
POLR2E	2.87E-29	0.264182	0.216	0.287	8.08E-25	MG-Phago	POLR2E
MNDA	2.33E-28	0.252487	0.251	0.33	6.55E-24	MG-Phago	MNDA
PAIP2	9.44E-28	0.250481	0.25	0.33	2.66E-23	MG-Phago	PAIP2
EEF1D	1.90E-27	0.338831	0.591	0.72	5.34E-23	MG-Phago	EEF1D
TLN1	2.80E-27	0.278669	0.441	0.59	7.88E-23	MG-Phago	TLN1
OSTF1	5.99E-27	0.25545	0.291	0.389	1.69E-22	MG-Phago	OSTF1

FKBP8	6.45E-27	0.275685	0.299	0.399	1.82E-22	MG-Phago	FKBP8
MT-ND6	1.20E-26	0.735031	0.494	0.578	3.38E-22	MG-Phago	MT-ND6
SCIN	1.90E-26	0.432923	0.502	0.569	5.35E-22	MG-Phago	SCIN
SPI1	5.84E-26	0.35853	0.584	0.712	1.64E-21	MG-Phago	SPI1
COTL1	7.54E-26	0.363606	0.612	0.719	2.12E-21	MG-Phago	COTL1
CX3CR1	3.29E-25	0.408776	0.519	0.587	9.25E-21	MG-Phago	CX3CR1
NDUFB4	4.23E-25	0.269859	0.277	0.366	1.19E-20	MG-Phago	NDUFB4
PARP1	5.53E-25	0.314794	0.214	0.282	1.56E-20	MG-Phago	PARP1
MIF	5.75E-25	0.413014	0.483	0.553	1.62E-20	MG-Phago	MIF
TRAPPC5	1.12E-24	0.25236	0.227	0.296	3.14E-20	MG-Phago	TRAPPC5
ATP5MPL	1.18E-24	0.252122	0.25	0.327	3.33E-20	MG-Phago	ATP5MPL
RPS27L	1.44E-24	0.269202	0.27	0.353	4.05E-20	MG-Phago	RPS27L
RPL13A	2.51E-24	0.253698	0.642	0.771	7.07E-20	MG-Phago	RPL13A
UCP2	3.39E-24	0.35057	0.283	0.373	9.54E-20	MG-Phago	UCP2
PGAM1	4.21E-24	0.324851	0.227	0.297	1.19E-19	MG-Phago	PGAM1
CANX	1.25E-23	0.332533	0.388	0.519	3.51E-19	MG-Phago	CANX
ANP32B	1.42E-23	0.322549	0.302	0.398	4.00E-19	MG-Phago	ANP32B
RGS10	6.31E-23	0.290074	0.632	0.783	1.78E-18	MG-Phago	RGS10
DAD1	7.77E-23	0.282894	0.357	0.48	2.18E-18	MG-Phago	DAD1
NDUFB9	1.80E-22	0.32528	0.259	0.34	5.07E-18	MG-Phago	NDUFB9
PSME2	1.98E-22	0.305619	0.282	0.369	5.56E-18	MG-Phago	PSME2
PADI2	2.19E-22	0.264146	0.54	0.591	6.17E-18	MG-Phago	PADI2
EIF3G	2.97E-22	0.282428	0.373	0.498	8.36E-18	MG-Phago	EIF3G
CTSZ	4.46E-22	0.382821	0.554	0.661	1.25E-17	MG-Phago	CTSZ
PSMB10	4.93E-22	0.299023	0.259	0.339	1.39E-17	MG-Phago	PSMB10
TRMT112	5.38E-22	0.27158	0.31	0.407	1.51E-17	MG-Phago	TRMT112
NDUFA1	7.89E-22	0.256477	0.332	0.439	2.22E-17	MG-Phago	NDUFA1
MARCKS	8.97E-22	0.258825	0.625	0.759	2.52E-17	MG-Phago	MARCKS
MICOS10	1.53E-21	0.28397	0.372	0.498	4.30E-17	MG-Phago	MICOS10
PRR13	2.21E-21	0.274581	0.359	0.479	6.22E-17	MG-Phago	PRR13
NAA38	2.25E-21	0.260746	0.198	0.255	6.33E-17	MG-Phago	NAA38
FSCN1	2.39E-21	0.313274	0.338	0.436	6.74E-17	MG-Phago	FSCN1
PSMB6	3.39E-21	0.306739	0.26	0.34	9.55E-17	MG-Phago	PSMB6
RAB32	3.63E-21	0.265362	0.206	0.266	1.02E-16	MG-Phago	RAB32
RTRAF	5.05E-21	0.272495	0.265	0.345	1.42E-16	MG-Phago	RTRAF
ALKBH7	6.54E-21	0.273246	0.264	0.343	1.84E-16	MG-Phago	ALKBH7
UQCR11	7.19E-21	0.472082	0.438	0.508	2.02E-16	MG-Phago	UQCR11
ANP32A	1.82E-20	0.308012	0.332	0.438	5.13E-16	MG-Phago	ANP32A
GNPTG	3.02E-20	0.264005	0.231	0.296	8.50E-16	MG-Phago	GNPTG
TKT	3.26E-20	0.270271	0.322	0.42	9.17E-16	MG-Phago	TKT
SET	4.00E-20	0.358932	0.319	0.42	1.12E-15	MG-Phago	SET
HMGB1	6.86E-20	0.291209	0.641	0.79	1.93E-15	MG-Phago	HMGB1
TAF10	1.04E-19	0.273452	0.364	0.485	2.91E-15	MG-Phago	TAF10
PLAC8	1.46E-19	0.307476	0.198	0.253	4.10E-15	MG-Phago	PLAC8
NDUFAF3	2.78E-19	0.257165	0.224	0.286	7.84E-15	MG-Phago	NDUFAF3
DUT	2.96E-19	0.31716	0.238	0.307	8.32E-15	MG-Phago	DUT
BANF1	3.07E-19	0.295043	0.247	0.319	8.63E-15	MG-Phago	BANF1

UFC1	3.65E-19	0.288083	0.258	0.334	1.03E-14	MG-Phago	UFC1
UBXN1	6.44E-19	0.277891	0.365	0.485	1.81E-14	MG-Phago	UBXN1
ANAPC16	7.03E-19	0.252987	0.315	0.409	1.98E-14	MG-Phago	ANAPC16
LDHB	1.32E-18	0.345828	0.272	0.353	3.72E-14	MG-Phago	LDHB
GMFG	1.79E-18	0.264283	0.348	0.455	5.04E-14	MG-Phago	GMFG
VSIG4	2.17E-18	0.480914	0.469	0.549	6.09E-14	MG-Phago	VSIG4
PKM	2.24E-18	0.369397	0.362	0.475	6.30E-14	MG-Phago	PKM
ATP5MC1	2.82E-18	0.267379	0.199	0.255	7.94E-14	MG-Phago	ATP5MC1
HIST1H4C	4.29E-18	0.405117	0.262	0.339	1.21E-13	MG-Phago	HIST1H4C
COX6C	9.48E-18	0.311075	0.366	0.485	2.67E-13	MG-Phago	COX6C
GTF3A	1.33E-17	0.302615	0.239	0.305	3.74E-13	MG-Phago	GTF3A
EIF3H	1.53E-17	0.304161	0.377	0.5	4.30E-13	MG-Phago	EIF3H
VKORC1	1.60E-17	0.252306	0.202	0.258	4.49E-13	MG-Phago	VKORC1
SDHD	1.61E-17	0.266027	0.204	0.259	4.53E-13	MG-Phago	SDHD
C20orf27	1.97E-17	0.297238	0.233	0.298	5.53E-13	MG-Phago	C20orf27
GNAI2	1.97E-17	0.353511	0.573	0.698	5.55E-13	MG-Phago	GNAI2
C4orf3	3.54E-17	0.267478	0.258	0.333	9.96E-13	MG-Phago	C4orf3
ATP5PD	3.70E-17	0.293493	0.302	0.391	1.04E-12	MG-Phago	ATP5PD
APPL1	6.02E-17	0.283785	0.248	0.317	1.69E-12	MG-Phago	APPL1
CKLF	9.97E-17	0.292706	0.31	0.394	2.81E-12	MG-Phago	CKLF
ROMO1	1.70E-16	0.277976	0.223	0.282	4.78E-12	MG-Phago	ROMO1
SERPINB6	3.39E-16	0.318597	0.324	0.422	9.55E-12	MG-Phago	SERPINB6
TMEM176A	6.03E-16	0.47967	0.319	0.34	1.70E-11	MG-Phago	TMEM176A
CRTAP	1.39E-15	0.318316	0.27	0.345	3.91E-11	MG-Phago	CRTAP
NDUFS5	2.27E-15	0.290894	0.317	0.407	6.39E-11	MG-Phago	NDUFS5
PPP1CA	2.61E-15	0.335881	0.308	0.398	7.34E-11	MG-Phago	PPP1CA
TMEM258	3.02E-15	0.291319	0.31	0.398	8.51E-11	MG-Phago	TMEM258
C19orf53	7.64E-15	0.290217	0.263	0.333	2.15E-10	MG-Phago	C19orf53
TM9SF2	1.18E-14	0.362589	0.3	0.385	3.33E-10	MG-Phago	TM9SF2
RBX1	1.35E-14	0.314393	0.308	0.399	3.80E-10	MG-Phago	RBX1
PSME1	1.39E-14	0.295356	0.348	0.453	3.92E-10	MG-Phago	PSME1
NDUFB10	1.58E-14	0.298688	0.243	0.307	4.43E-10	MG-Phago	NDUFB10
FYB1	2.01E-14	0.28522	0.594	0.738	5.64E-10	MG-Phago	FYB1
AKR1A1	2.29E-14	0.292408	0.314	0.407	6.45E-10	MG-Phago	AKR1A1
NDUFS8	2.35E-14	0.306486	0.233	0.295	6.61E-10	MG-Phago	NDUFS8
MS4A4A	2.51E-14	0.298233	0.311	0.395	7.06E-10	MG-Phago	MS4A4A
PRDX5	3.91E-14	0.306003	0.267	0.339	1.10E-09	MG-Phago	PRDX5
NDUFB8	6.01E-14	0.315683	0.307	0.396	1.69E-09	MG-Phago	NDUFB8
NDUFS7	6.59E-14	0.322109	0.273	0.348	1.85E-09	MG-Phago	NDUFS7
CAPG	9.26E-14	0.467889	0.483	0.574	2.60E-09	MG-Phago	CAPG
CD163	1.03E-13	0.32347	0.347	0.348	2.90E-09	MG-Phago	CD163
SVBP	1.53E-13	0.275053	0.212	0.265	4.30E-09	MG-Phago	SVBP
MRPL57	2.08E-13	0.273345	0.203	0.253	5.86E-09	MG-Phago	MRPL57
CALR	5.04E-13	0.317282	0.46	0.594	1.42E-08	MG-Phago	CALR
ALDH2	5.75E-13	0.282624	0.365	0.473	1.62E-08	MG-Phago	ALDH2
ARF5	1.74E-12	0.310563	0.307	0.394	4.88E-08	MG-Phago	ARF5
KRTCAP2	2.96E-12	0.289207	0.39	0.51	8.33E-08	MG-Phago	KRTCAP2

ARPC5	3.88E-12	0.308823	0.384	0.502	1.09E-07	MG-Phago	ARPC5
SAMHD1	6.25E-12	0.509733	0.44	0.512	1.76E-07	MG-Phago	SAMHD1
ATP6V0C	7.54E-12	0.27414	0.586	0.723	2.12E-07	MG-Phago	ATP6V0C
C9orf16	1.11E-11	0.284164	0.284	0.357	3.13E-07	MG-Phago	C9orf16
ATP5ME	1.35E-11	0.263051	0.258	0.32	3.81E-07	MG-Phago	ATP5ME
MICOS13	1.67E-11	0.281797	0.212	0.262	4.71E-07	MG-Phago	MICOS13
GIMAP4	1.94E-11	0.418253	0.306	0.324	5.46E-07	MG-Phago	GIMAP4
GPX4	3.32E-11	0.363594	0.537	0.661	9.33E-07	MG-Phago	GPX4
PYCARD	5.80E-11	0.426851	0.427	0.497	1.63E-06	MG-Phago	PYCARD
LY86	1.11E-10	0.251125	0.45	0.595	3.12E-06	MG-Phago	LY86
OLFML3	2.09E-10	0.318816	0.346	0.434	5.88E-06	MG-Phago	OLFML3
EIF3K	2.95E-10	0.395087	0.495	0.6	8.30E-06	MG-Phago	EIF3K
TOMM6	3.12E-10	0.327897	0.301	0.381	8.77E-06	MG-Phago	TOMM6
SLC25A5	3.92E-10	0.306512	0.445	0.579	1.10E-05	MG-Phago	SLC25A5
ARL6IP4	4.04E-10	0.322154	0.365	0.474	1.14E-05	MG-Phago	ARL6IP4
UQCRCQ	6.66E-10	0.326207	0.286	0.359	1.88E-05	MG-Phago	UQCRCQ
UBL5	2.17E-09	0.303947	0.378	0.49	6.09E-05	MG-Phago	UBL5
SMDT1	3.57E-09	0.328566	0.3	0.376	0.000101	MG-Phago	SMDT1
AP2S1	3.66E-09	0.340216	0.287	0.36	0.000103	MG-Phago	AP2S1
LGALS9	5.55E-09	0.279269	0.438	0.579	0.000156	MG-Phago	LGALS9
NDUFA3	5.86E-09	0.283072	0.253	0.31	0.000165	MG-Phago	NDUFA3
H1FX	6.29E-09	0.300171	0.326	0.404	0.000177	MG-Phago	H1FX
CNBP	6.75E-09	0.340976	0.417	0.548	0.00019	MG-Phago	CNBP
HIGD2A	9.84E-09	0.308595	0.356	0.45	0.000277	MG-Phago	HIGD2A
CAP1	1.92E-08	0.325019	0.448	0.587	0.00054	MG-Phago	CAP1
DBNDD2	3.23E-08	0.285113	0.214	0.261	0.00091	MG-Phago	DBNDD2
NDUFB7	4.02E-08	0.308798	0.229	0.279	0.001131	MG-Phago	NDUFB7
AKR1B1	6.30E-08	0.308909	0.382	0.488	0.001774	MG-Phago	AKR1B1
NEDD8	6.35E-08	0.327039	0.301	0.378	0.001786	MG-Phago	NEDD8
SERPINF1	6.73E-08	0.482238	0.319	0.349	0.001894	MG-Phago	SERPINF1
RPL36AL	6.87E-08	0.327306	0.551	0.687	0.001932	MG-Phago	RPL36AL
GDI2	8.16E-08	0.417595	0.384	0.497	0.002295	MG-Phago	GDI2
HLA-DMB	1.14E-07	0.38199	0.469	0.561	0.003216	MG-Phago	HLA-DMB
EIF3F	1.32E-07	0.305479	0.411	0.53	0.003712	MG-Phago	EIF3F
LTC4S	2.41E-07	0.279196	0.422	0.536	0.006768	MG-Phago	LTC4S
TMEM14C	2.93E-07	0.349854	0.34	0.432	0.008245	MG-Phago	TMEM14C
SNHG29	3.14E-07	0.279727	0.446	0.577	0.008845	MG-Phago	SNHG29
ATP5PF	3.60E-07	0.352637	0.302	0.378	0.010139	MG-Phago	ATP5PF
PEBP1	5.59E-07	0.32427	0.325	0.41	0.015723	MG-Phago	PEBP1
ATP5F1D	5.88E-07	0.436516	0.418	0.495	0.016555	MG-Phago	ATP5F1D
BRI3	7.31E-07	0.261768	0.426	0.545	0.020564	MG-Phago	BRI3
ABI3	8.28E-07	0.366619	0.332	0.419	0.023286	MG-Phago	ABI3
SRP14	8.47E-07	0.35645	0.511	0.638	0.023844	MG-Phago	SRP14
YBX1	1.02E-06	0.355574	0.564	0.693	0.028752	MG-Phago	YBX1
SNX3	1.03E-06	0.292318	0.401	0.516	0.029049	MG-Phago	SNX3
FIS1	1.23E-06	0.318975	0.264	0.324	0.034599	MG-Phago	FIS1
SSR4	1.57E-06	0.317188	0.405	0.519	0.044194	MG-Phago	SSR4

PARK7	1.88E-06	0.373043	0.326	0.41	0.052908	MG-Phago	PARK7
ATP5MC3	3.56E-06	0.36653	0.361	0.458	0.100102	MG-Phago	ATP5MC3
GNG10	7.23E-06	0.326113	0.237	0.289	0.203471	MG-Phago	GNG10
NDUFB2	1.00E-05	0.48763	0.373	0.437	0.282476	MG-Phago	NDUFB2
YWHAB	1.48E-05	0.294445	0.464	0.609	0.417568	MG-Phago	YWHAB
TALDO1	1.96E-05	0.34891	0.308	0.381	0.550826	MG-Phago	TALDO1
ATP5MF	2.57E-05	0.348996	0.349	0.442	0.722561	MG-Phago	ATP5MF
ARL5A	2.79E-05	0.302019	0.415	0.528	0.786207	MG-Phago	ARL5A
TMEM219	3.03E-05	0.419996	0.381	0.451	0.85234	MG-Phago	TMEM219
C4orf48	3.14E-05	0.291094	0.238	0.283	0.882233	MG-Phago	C4orf48
CIAO2A	3.19E-05	0.32958	0.29	0.358	0.896975	MG-Phago	CIAO2A
CALM2	3.81E-05	0.252213	0.59	0.743	1	MG-Phago	CALM2
LAMTOR4	3.99E-05	0.399837	0.437	0.53	1	MG-Phago	LAMTOR4
H1FO	6.21E-05	0.293541	0.243	0.284	1	MG-Phago	H1FO
LAMTOR2	7.01E-05	0.325386	0.23	0.276	1	MG-Phago	LAMTOR2
ATP6VOE1	8.35E-05	0.251414	0.509	0.668	1	MG-Phago	ATP6VOE1
NENF	0.000112	0.311725	0.215	0.255	1	MG-Phago	NENF
APRT	0.000148	0.354995	0.313	0.386	1	MG-Phago	APRT
PSMB9	0.000169	0.321241	0.243	0.292	1	MG-Phago	PSMB9
ATP5IF1	0.000389	0.324812	0.3	0.365	1	MG-Phago	ATP5IF1
SYNGR2	0.000402	0.325385	0.434	0.562	1	MG-Phago	SYNGR2
SEC11A	0.000407	0.319523	0.417	0.53	1	MG-Phago	SEC11A
EDF1	0.000456	0.327972	0.398	0.506	1	MG-Phago	EDF1
SELENOW	0.000569	0.336965	0.28	0.341	1	MG-Phago	SELENOW
APMAP	0.000614	0.300953	0.42	0.533	1	MG-Phago	APMAP
TMEM119	0.000624	0.36866	0.337	0.41	1	MG-Phago	TMEM119
SPCS1	0.001291	0.352904	0.371	0.471	1	MG-Phago	SPCS1
HACD4	0.00156	0.345066	0.236	0.279	1	MG-Phago	HACD4
CSTB	0.001615	0.294222	0.356	0.436	1	MG-Phago	CSTB
POLD4	0.001638	0.333293	0.393	0.5	1	MG-Phago	POLD4
CORO1A	0.001714	0.322026	0.534	0.661	1	MG-Phago	CORO1A
NDUFA4	0.001715	0.420919	0.435	0.532	1	MG-Phago	NDUFA4
TNFSF13	0.002735	0.362041	0.29	0.354	1	MG-Phago	TNFSF13
HINT1	0.002757	0.443739	0.391	0.465	1	MG-Phago	HINT1
CTSD	0.002784	0.251509	0.568	0.693	1	MG-Phago	CTSD
COX6B1	0.002815	0.2963	0.449	0.573	1	MG-Phago	COX6B1
CHCHD2	0.004019	0.311528	0.471	0.601	1	MG-Phago	CHCHD2
PGLS	0.0059	0.369925	0.324	0.397	1	MG-Phago	PGLS
BLOC1S1	0.00667	0.421679	0.331	0.381	1	MG-Phago	BLOC1S1
BRK1	0.00833	0.402686	0.42	0.514	1	MG-Phago	BRK1
COX5A	0.008542	0.37977	0.35	0.432	1	MG-Phago	COX5A
RNASE2	0.009953	0.363125	0.229	0.266	1	MG-Phago	RNASE2
HSPA6	0	3.087428	0.478	0.151	0	MG-HSP	HSPA6
HSPA1A	0	2.505326	0.98	0.683	0	MG-HSP	HSPA1A
HSPA1B	0	2.3335	0.969	0.613	0	MG-HSP	HSPA1B
DNAJB1	0	2.269302	0.945	0.582	0	MG-HSP	DNAJB1
BAG3	0	2.144808	0.672	0.268	0	MG-HSP	BAG3

HSPH1	0	2.028112	0.838	0.395	0	MG-HSP	HSPH1
HSPB1	0	1.928514	0.716	0.417	0	MG-HSP	HSPB1
HSP90AA1	0	1.821117	0.977	0.831	0	MG-HSP	HSP90AA1
HSPD1	0	1.58065	0.753	0.45	0	MG-HSP	HSPD1
HSPE1	0	1.466829	0.741	0.431	0	MG-HSP	HSPE1
ZFAND2A	0	1.377537	0.441	0.159	0	MG-HSP	ZFAND2A
IER5	0	1.243674	0.684	0.494	0	MG-HSP	IER5
P4HA1	0	1.203564	0.583	0.272	0	MG-HSP	P4HA1
UBC	0	1.191694	0.966	0.907	0	MG-HSP	UBC
DNAJA4	0	1.101228	0.394	0.147	0	MG-HSP	DNAJA4
JUN	0	1.053242	0.953	0.848	0	MG-HSP	JUN
HSPA8	0	0.88751	0.902	0.747	0	MG-HSP	HSPA8
HSP90AB1	0	0.879215	0.905	0.828	0	MG-HSP	HSP90AB1
DNAJB4	0	0.852879	0.33	0.146	0	MG-HSP	DNAJB4
LRRC23	0	0.834426	0.267	0.132	0	MG-HSP	LRRC23
LNCAROD	0	0.802045	0.634	0.429	0	MG-HSP	LNCAROD
DNAJA1	0	0.779707	0.709	0.566	0	MG-HSP	DNAJA1
NAV3	0	0.767744	0.479	0.288	0	MG-HSP	NAV3
UBB	0	0.755648	0.758	0.661	0	MG-HSP	UBB
TECR	0	0.730996	0.513	0.368	0	MG-HSP	TECR
CHORDC1	0	0.674634	0.4	0.217	0	MG-HSP	CHORDC1
SFMBT2	0	0.647973	0.776	0.615	0	MG-HSP	SFMBT2
EGR1	0	0.645421	0.928	0.8	0	MG-HSP	EGR1
CACYBP	0	0.621031	0.359	0.2	0	MG-HSP	CACYBP
SYNDIG1	0	0.615258	0.583	0.399	0	MG-HSP	SYNDIG1
TCP1	0	0.586878	0.39	0.242	0	MG-HSP	TCP1
GNG7	0	0.582557	0.561	0.417	0	MG-HSP	GNG7
CPED1	0	0.578989	0.422	0.253	0	MG-HSP	CPED1
P2RY12	0	0.5631	0.648	0.504	0	MG-HSP	P2RY12
MRPL18	0	0.546973	0.312	0.179	0	MG-HSP	MRPL18
ATM	0	0.517438	0.504	0.369	0	MG-HSP	ATM
FRMD4A	0	0.506709	0.88	0.76	0	MG-HSP	FRMD4A
DSCAM	0	0.489069	0.425	0.278	0	MG-HSP	DSCAM
DOCK8	0	0.471166	0.774	0.675	0	MG-HSP	DOCK8
MEF2C	0	0.467601	0.828	0.727	0	MG-HSP	MEF2C
DLEU1	0	0.466073	0.658	0.523	0	MG-HSP	DLEU1
SORL1	0	0.460568	0.795	0.69	0	MG-HSP	SORL1
ANKRD44	0	0.455763	0.68	0.558	0	MG-HSP	ANKRD44
MEF2A	0	0.454081	0.863	0.772	0	MG-HSP	MEF2A
APBB1IP	0	0.435097	0.852	0.764	0	MG-HSP	APBB1IP
ST6GAL1	0	0.429735	0.763	0.63	0	MG-HSP	ST6GAL1
ARHGAP24	0	0.415915	0.82	0.707	0	MG-HSP	ARHGAP24
PLXDC2	0	0.270592	0.97	0.929	0	MG-HSP	PLXDC2
LRRK1	8.38E-302	0.493827	0.456	0.318	2.36E-297	MG-HSP	LRRK1
ARHGAP22	9.28E-298	0.42328	0.564	0.429	2.61E-293	MG-HSP	ARHGAP22
SSH2	3.98E-292	0.401114	0.709	0.601	1.12E-287	MG-HSP	SSH2
INPP5D	7.77E-292	0.436392	0.615	0.493	2.19E-287	MG-HSP	INPP5D

IL6ST	5.91E-284	0.439723	0.622	0.496	1.66E-279	MG-HSP	IL6ST
AL627171.1	3.21E-275	0.54714	0.355	0.227	9.03E-271	MG-HSP	AL627171.2
STIP1	3.93E-274	0.431016	0.323	0.201	1.11E-269	MG-HSP	STIP1
RASGEF1C	6.65E-271	0.485324	0.407	0.277	1.87E-266	MG-HSP	RASGEF1C
SNAP23	5.15E-269	0.481244	0.422	0.299	1.45E-264	MG-HSP	SNAP23
CSGALNAC	1.49E-268	0.420366	0.619	0.498	4.20E-264	MG-HSP	CSGALNACT1
OXR1	2.36E-267	0.44956	0.547	0.416	6.64E-263	MG-HSP	OXR1
CX3CR11	3.89E-261	0.38032	0.683	0.554	1.10E-256	MG-HSP	CX3CR1
FGD2	8.24E-257	0.448085	0.386	0.263	2.32E-252	MG-HSP	FGD2
SLC1A3	2.02E-255	0.364813	0.85	0.75	5.68E-251	MG-HSP	SLC1A3
HS3ST4	2.63E-243	0.386231	0.326	0.205	7.40E-239	MG-HSP	HS3ST4
DIP2B	3.86E-239	0.392273	0.425	0.301	1.09E-234	MG-HSP	DIP2B
MCF2L	1.16E-230	0.414095	0.39	0.272	3.25E-226	MG-HSP	MCF2L
ADAM28	1.88E-228	0.37971	0.678	0.581	5.28E-224	MG-HSP	ADAM28
LINC01736	1.04E-220	0.355087	0.538	0.414	2.92E-216	MG-HSP	LINC01736
BLNK	2.79E-220	0.376594	0.45	0.331	7.84E-216	MG-HSP	BLNK
DNAJB6	1.69E-218	0.473984	0.53	0.431	4.75E-214	MG-HSP	DNAJB6
SELPLG	1.16E-217	0.363012	0.684	0.575	3.27E-213	MG-HSP	SELPLG
RCSD1	1.22E-217	0.414068	0.534	0.426	3.43E-213	MG-HSP	RCSD1
PICALM	2.65E-216	0.354043	0.75	0.675	7.45E-212	MG-HSP	PICALM
PALD1	6.36E-211	0.315916	0.64	0.54	1.79E-206	MG-HSP	PALD1
SYK	7.48E-210	0.365424	0.597	0.497	2.10E-205	MG-HSP	SYK
CHD9	1.08E-204	0.391574	0.562	0.46	3.03E-200	MG-HSP	CHD9
FAM135A	1.34E-204	0.407523	0.338	0.229	3.76E-200	MG-HSP	FAM135A
PWWP3A	1.82E-204	0.355202	0.28	0.177	5.11E-200	MG-HSP	PWWP3A
TGFBR2	1.65E-198	0.395295	0.575	0.477	4.64E-194	MG-HSP	TGFBR2
SLC9A9	8.96E-198	0.341085	0.521	0.412	2.52E-193	MG-HSP	SLC9A9
MYCBP2	4.29E-197	0.398022	0.567	0.473	1.21E-192	MG-HSP	MYCBP2
DISC1	2.58E-196	0.350099	0.476	0.366	7.27E-192	MG-HSP	DISC1
EPB41L2	3.84E-195	0.267928	0.806	0.725	1.08E-190	MG-HSP	EPB41L2
ATP2C1	1.80E-191	0.400679	0.483	0.377	5.07E-187	MG-HSP	ATP2C1
A2M1	4.16E-190	0.273904	0.832	0.738	1.17E-185	MG-HSP	A2M
ITPR2	1.74E-189	0.313812	0.683	0.59	4.88E-185	MG-HSP	ITPR2
ELMO1	6.65E-187	0.252113	0.814	0.747	1.87E-182	MG-HSP	ELMO1
RYR1	2.68E-184	0.351318	0.34	0.237	7.54E-180	MG-HSP	RYR1
IFNGR1	3.02E-183	0.317505	0.761	0.686	8.49E-179	MG-HSP	IFNGR1
GPR34	2.20E-182	0.305681	0.72	0.626	6.19E-178	MG-HSP	GPR34
TBXAS1	1.11E-176	0.292924	0.776	0.709	3.12E-172	MG-HSP	TBXAS1
FYB1	3.45E-174	0.275163	0.779	0.697	9.70E-170	MG-HSP	FYB1
MAP3K5	9.80E-172	0.358322	0.359	0.26	2.76E-167	MG-HSP	MAP3K5
TIAM1	1.50E-171	0.34349	0.315	0.216	4.23E-167	MG-HSP	TIAM1
JAK2	1.54E-171	0.345289	0.38	0.278	4.33E-167	MG-HSP	JAK2
HDAC9	3.54E-168	0.312404	0.504	0.4	9.97E-164	MG-HSP	HDAC9
LINC02712	1.76E-160	0.358313	0.317	0.221	4.95E-156	MG-HSP	LINC02712
LPCAT2	3.97E-156	0.289523	0.73	0.648	1.12E-151	MG-HSP	LPCAT2
MED13L	2.54E-155	0.290653	0.557	0.468	7.16E-151	MG-HSP	MED13L
APPL2	2.14E-153	0.323618	0.356	0.262	6.03E-149	MG-HSP	APPL2

FAM13A	1.52E-150	0.324841	0.289	0.199	4.27E-146	MG-HSP	FAM13A
ZBTB20	3.92E-150	0.319901	0.502	0.41	1.10E-145	MG-HSP	ZBTB20
AHSA1	8.39E-150	0.302232	0.281	0.193	2.36E-145	MG-HSP	AHSA1
FLI1	4.36E-148	0.317974	0.364	0.272	1.23E-143	MG-HSP	FLI1
KHDRBS3	4.76E-147	0.378434	0.377	0.283	1.34E-142	MG-HSP	KHDRBS3
ZFH3	5.63E-147	0.290299	0.594	0.513	1.58E-142	MG-HSP	ZFH3
GRID2	7.17E-147	0.441758	0.307	0.211	2.02E-142	MG-HSP	GRID2
MTRNR2L1	8.72E-147	0.306318	0.597	0.483	2.45E-142	MG-HSP	MTRNR2L12
MAF	3.20E-146	0.32538	0.342	0.251	9.00E-142	MG-HSP	MAF
DIAPH2	4.52E-145	0.309677	0.508	0.418	1.27E-140	MG-HSP	DIAPH2
CLK1	2.33E-142	0.395856	0.457	0.375	6.55E-138	MG-HSP	CLK1
SLCO2B1	3.76E-139	0.278153	0.621	0.533	1.06E-134	MG-HSP	SLCO2B1
SERPINE11	4.46E-139	0.573681	0.502	0.4	1.26E-134	MG-HSP	SERPINE1
FAM149A	2.62E-138	0.314075	0.33	0.242	7.38E-134	MG-HSP	FAM149A
FTX	4.37E-137	0.278041	0.338	0.246	1.23E-132	MG-HSP	FTX
HTRA1	1.89E-133	0.278867	0.707	0.616	5.33E-129	MG-HSP	HTRA1
FCHSD2	6.66E-133	0.252932	0.546	0.461	1.88E-128	MG-HSP	FCHSD2
ST6GALNA1	6.21E-131	0.266597	0.637	0.543	1.75E-126	MG-HSP	ST6GALNAC3
IER2	2.97E-129	0.366508	0.876	0.827	8.37E-125	MG-HSP	IER2
HSPA4	1.91E-126	0.312701	0.285	0.205	5.37E-122	MG-HSP	HSPA4
TRA2B	2.45E-126	0.396704	0.619	0.562	6.89E-122	MG-HSP	TRA2B
ENTPD1-AS	3.24E-126	0.309463	0.265	0.185	9.12E-122	MG-HSP	ENTPD1-AS1
TBC1D12	5.22E-126	0.322462	0.381	0.298	1.47E-121	MG-HSP	TBC1D12
MIR99AHG	4.71E-123	0.276265	0.284	0.202	1.33E-118	MG-HSP	MIR99AHG
TBC1D5	8.55E-123	0.278144	0.47	0.387	2.41E-118	MG-HSP	TBC1D5
1-Mar	2.82E-122	0.310562	0.367	0.281	7.95E-118	MG-HSP	1-Mar
BMP2K	3.33E-121	0.276835	0.545	0.466	9.37E-117	MG-HSP	BMP2K
ARHGAP15	3.53E-121	0.257552	0.63	0.561	9.93E-117	MG-HSP	ARHGAP15
DHRS9	7.19E-121	0.328838	0.303	0.217	2.02E-116	MG-HSP	DHRS9
ATP8B4	1.19E-120	0.280919	0.529	0.449	3.35E-116	MG-HSP	ATP8B4
AC022217	1.25E-120	0.428163	0.489	0.416	3.53E-116	MG-HSP	AC022217.3
LINC02798	1.30E-120	0.267615	0.406	0.318	3.67E-116	MG-HSP	LINC02798
RAPGEF6	6.08E-120	0.30463	0.363	0.28	1.71E-115	MG-HSP	RAPGEF6
USP24	8.21E-120	0.28536	0.27	0.191	2.31E-115	MG-HSP	USP24
PCNX2	3.67E-119	0.296765	0.358	0.276	1.03E-114	MG-HSP	PCNX2
KANSL1	6.24E-117	0.269326	0.332	0.25	1.76E-112	MG-HSP	KANSL1
SHTN1	1.28E-115	0.288176	0.493	0.413	3.60E-111	MG-HSP	SHTN1
FEZ2	6.33E-114	0.358468	0.37	0.292	1.78E-109	MG-HSP	FEZ2
WDFY3	1.38E-112	0.268341	0.305	0.226	3.89E-108	MG-HSP	WDFY3
DLEU7	1.77E-112	0.303764	0.252	0.178	4.97E-108	MG-HSP	DLEU7
PTGES3	3.32E-112	0.268288	0.541	0.478	9.34E-108	MG-HSP	PTGES3
MAP4K4	6.10E-112	0.271003	0.439	0.361	1.72E-107	MG-HSP	MAP4K4
HECA	1.48E-111	0.355345	0.301	0.225	4.15E-107	MG-HSP	HECA
WASHC4	1.11E-109	0.30018	0.38	0.304	3.12E-105	MG-HSP	WASHC4
LPAR5	9.96E-109	0.271154	0.366	0.286	2.80E-104	MG-HSP	LPAR5
ZNF846	3.27E-107	0.288764	0.305	0.23	9.19E-103	MG-HSP	ZNF846
PKN2	4.29E-107	0.288289	0.39	0.314	1.21E-102	MG-HSP	PKN2

ZNRF2	4.93E-106	0.264799	0.332	0.255	1.39E-101	MG-HSP	ZNRF2
NCK2	1.74E-105	0.262662	0.442	0.363	4.90E-101	MG-HSP	NCK2
BNC2	1.67E-104	0.253567	0.372	0.291	4.70E-100	MG-HSP	BNC2
USP6NL	3.58E-104	0.282631	0.313	0.238	1.01E-99	MG-HSP	USP6NL
WDFY2	2.64E-103	0.266859	0.354	0.278	7.42E-99	MG-HSP	WDFY2
UVRAG	2.48E-102	0.263708	0.442	0.37	6.98E-98	MG-HSP	UVRAG
ARHGAP12	1.69E-99	0.264124	0.346	0.269	4.74E-95	MG-HSP	ARHGAP12
MPZL1	1.37E-98	0.272619	0.283	0.212	3.84E-94	MG-HSP	MPZL1
RNF213	7.77E-98	0.252137	0.513	0.442	2.19E-93	MG-HSP	RNF213
FER	1.54E-97	0.284512	0.285	0.212	4.33E-93	MG-HSP	FER
ARHGAP25	2.08E-96	0.259446	0.342	0.265	5.86E-92	MG-HSP	ARHGAP25
TAOK3	5.49E-96	0.264135	0.51	0.442	1.54E-91	MG-HSP	TAOK3
ST3GAL6	2.44E-93	0.285863	0.307	0.237	6.86E-89	MG-HSP	ST3GAL6
MBNL2	3.30E-92	0.256767	0.277	0.207	9.27E-88	MG-HSP	MBNL2
CCT4	5.37E-91	0.296829	0.402	0.34	1.51E-86	MG-HSP	CCT4
PLCL2	5.81E-91	0.265682	0.305	0.234	1.63E-86	MG-HSP	PLCL2
DCAF6	6.94E-91	0.253028	0.308	0.239	1.95E-86	MG-HSP	DCAF6
L3MBTL4	1.72E-90	0.256478	0.252	0.186	4.85E-86	MG-HSP	L3MBTL4
DIP2A	5.00E-90	0.264606	0.292	0.223	1.41E-85	MG-HSP	DIP2A
ACY3	2.71E-89	0.285746	0.259	0.191	7.62E-85	MG-HSP	ACY3
MGAT4A	4.89E-89	0.250695	0.537	0.476	1.38E-84	MG-HSP	MGAT4A
CCDC18-AS	9.34E-89	0.272453	0.374	0.306	2.63E-84	MG-HSP	CCDC18-AS1
IL17RA	4.04E-86	0.273903	0.457	0.395	1.14E-81	MG-HSP	IL17RA
LINC01374	1.92E-85	0.271545	0.35	0.282	5.41E-81	MG-HSP	LINC01374
TLN2	1.02E-84	0.266848	0.295	0.228	2.87E-80	MG-HSP	TLN2
SESN1	7.97E-83	0.26623	0.36	0.291	2.24E-78	MG-HSP	SESN1
LINC02256	1.20E-80	0.268464	0.42	0.357	3.38E-76	MG-HSP	LINC02256
STX7	1.48E-80	0.257491	0.373	0.31	4.16E-76	MG-HSP	STX7
TLR4	9.74E-72	0.351381	0.269	0.21	2.74E-67	MG-HSP	TLR4
SEMA4D	3.59E-71	0.255368	0.328	0.268	1.01E-66	MG-HSP	SEMA4D
HMOX1	3.50E-65	0.348545	0.587	0.54	9.85E-61	MG-HSP	HMOX1
SQSTM1	4.71E-56	0.315846	0.621	0.583	1.33E-51	MG-HSP	SQSTM1
RGS2	4.18E-45	0.28929	0.593	0.559	1.18E-40	MG-HSP	RGS2
SLC38A2	6.96E-45	0.282984	0.521	0.48	1.96E-40	MG-HSP	SLC38A2
DDIT4	1.25E-40	0.290338	0.564	0.528	3.52E-36	MG-HSP	DDIT4
TAGAP	6.76E-33	0.324959	0.528	0.501	1.90E-28	MG-HSP	TAGAP
OTUD11	2.77E-19	0.304467	0.574	0.562	7.80E-15	MG-HSP	OTUD1
GLA	8.00E-12	0.2656	0.276	0.264	2.25E-07	MG-HSP	GLA
MYLIP	1.57E-11	0.250674	0.364	0.351	4.41E-07	MG-HSP	MYLIP
CCDC200	0	2.220546	0.569	0.2	0	MG-Inflam	CCDC200
LINC00910	0	1.984346	0.838	0.487	0	MG-Inflam	LINC00910
C12orf57	0	1.866736	0.732	0.394	0	MG-Inflam	C12orf57
AC007952.	0	1.760732	0.69	0.347	0	MG-Inflam	AC007952.4
AC245014.	0	1.735451	0.758	0.389	0	MG-Inflam	AC245014.3
Z93241.1	0	1.680094	0.632	0.271	0	MG-Inflam	Z93241.1
AL021155.!	0	1.650145	0.604	0.228	0	MG-Inflam	AL021155.5
WDR74	0	1.62925	0.736	0.378	0	MG-Inflam	WDR74

CROCC	0	1.62872	0.717	0.378	0 MG-Inflam CROCC
TEX14	0	1.622657	0.947	0.727	0 MG-Inflam TEX14
TMEM107	0	1.619373	0.679	0.377	0 MG-Inflam TMEM107
AC253572.	0	1.564939	0.579	0.289	0 MG-Inflam AC253572.2
TNF1	0	1.399088	0.743	0.4	0 MG-Inflam TNF
IFIT2	0	1.346155	0.391	0.16	0 MG-Inflam IFIT2
AC012447.	0	1.29006	0.605	0.292	0 MG-Inflam AC012447.1
AC020916.	0	1.017547	0.825	0.547	0 MG-Inflam AC020916.1
PTCH2	0	1.005574	0.396	0.134	0 MG-Inflam PTCH2
AC103591.	0	0.865433	0.451	0.235	0 MG-Inflam AC103591.3
AC239799.	0	0.85055	0.304	0.148	0 MG-Inflam AC239799.2
NFKBIZ	0	0.82627	0.765	0.498	0 MG-Inflam NFKBIZ
NFKBIA1	0	0.815384	0.963	0.81	0 MG-Inflam NFKBIA
CREB1	0	0.773317	0.505	0.266	0 MG-Inflam CREB1
MYOSLID	0	0.766162	0.395	0.128	0 MG-Inflam MYOSLID
AC084871.	0	0.76325	0.427	0.256	0 MG-Inflam AC084871.1
TUBB4B1	0	0.753602	0.607	0.399	0 MG-Inflam TUBB4B
CH25H1	0	0.753499	0.686	0.437	0 MG-Inflam CH25H
DDIT41	0	0.732284	0.708	0.505	0 MG-Inflam DDIT4
AL136987.:	0	0.717563	0.471	0.267	0 MG-Inflam AL136987.1
LINC00623	0	0.70532	0.35	0.203	0 MG-Inflam LINC00623
PDK41	0	0.678715	0.79	0.583	0 MG-Inflam PDK4
FOS	0	0.666636	0.998	0.966	0 MG-Inflam FOS
LINC01220	0	0.660645	0.331	0.111	0 MG-Inflam LINC01220
IER21	0	0.647789	0.959	0.814	0 MG-Inflam IER2
1-Jun	0	0.633084	0.966	0.847	0 MG-Inflam JUN
AC046195.	0	0.63284	0.455	0.247	0 MG-Inflam AC046195.1
ENSA1	0	0.619206	0.804	0.607	0 MG-Inflam ENSA
SSPN1	0	0.614725	0.502	0.288	0 MG-Inflam SSPN
TAGAP1	0	0.612112	0.683	0.476	0 MG-Inflam TAGAP
TAL1	0	0.596933	0.536	0.293	0 MG-Inflam TAL1
MYLIP1	0	0.596348	0.543	0.322	0 MG-Inflam MYLIP
THUMPD3-	0	0.588776	0.433	0.223	0 MG-Inflam THUMPD3-AS1
CCL41	0	0.578597	0.969	0.833	0 MG-Inflam CCL4
AL691403.:	0	0.571887	0.603	0.393	0 MG-Inflam AL691403.1
IER5L	0	0.57164	0.44	0.258	0 MG-Inflam IER5L
CITED21	0	0.569684	0.676	0.475	0 MG-Inflam CITED2
NSUN6	0	0.565207	0.316	0.126	0 MG-Inflam NSUN6
SNHG12	0	0.558041	0.395	0.2	0 MG-Inflam SNHG12
CCL31	0	0.55419	0.976	0.853	0 MG-Inflam CCL3
PMAIP11	0	0.553748	0.467	0.273	0 MG-Inflam PMAIP1
AL390957.:	0	0.541929	0.493	0.306	0 MG-Inflam AL390957.1
EIF4A3	0	0.540688	0.549	0.367	0 MG-Inflam EIF4A3
ADRB2	0	0.538483	0.486	0.267	0 MG-Inflam ADRB2
LINC02642	0	0.533832	0.312	0.163	0 MG-Inflam LINC02642
IFNGR11	0	0.533132	0.834	0.675	0 MG-Inflam IFNGR1
LINC01091	0	0.527416	0.372	0.177	0 MG-Inflam LINC01091

EGR11	0	0.524253	0.947	0.798	0 MG-Inflam EGR1
CXCL81	0	0.521941	0.669	0.478	0 MG-Inflam CXCL8
KMT2E-AS1	0	0.519307	0.379	0.18	0 MG-Inflam KMT2E-AS1
SLC38A21	0	0.519194	0.664	0.458	0 MG-Inflam SLC38A2
AF111167.1	0	0.515088	0.307	0.113	0 MG-Inflam AF111167.1
NEU1	0	0.506575	0.534	0.338	0 MG-Inflam NEU1
AC091271.1	0	0.505329	0.322	0.143	0 MG-Inflam AC091271.1
KLF7	0	0.500935	0.509	0.303	0 MG-Inflam KLF7
AC243829.1	0	0.498704	0.35	0.157	0 MG-Inflam AC243829.4
GADD45B1	0	0.497942	0.914	0.755	0 MG-Inflam GADD45B
P2RY121	0	0.496959	0.707	0.496	0 MG-Inflam P2RY12
IPCEF11	0	0.496679	0.691	0.479	0 MG-Inflam IPCEF1
LINC01366	0	0.490332	0.299	0.158	0 MG-Inflam LINC01366
SERPINB9	0	0.487732	0.782	0.614	0 MG-Inflam SERPINB9
RGS11	0	0.482532	0.959	0.822	0 MG-Inflam RGS1
AC243829.1	0	0.481471	0.288	0.125	0 MG-Inflam AC243829.1
HEXIM1	0	0.475802	0.275	0.122	0 MG-Inflam HEXIM1
MIR4713HG	0	0.475159	0.303	0.148	0 MG-Inflam MIR4713HG
PEAK11	0	0.472035	0.673	0.471	0 MG-Inflam PEAK1
MEPCE	0	0.471161	0.279	0.11	0 MG-Inflam MEPCE
CLEC7A1	0	0.469965	0.762	0.605	0 MG-Inflam CLEC7A
ATP2B1-AS	0	0.469506	0.669	0.475	0 MG-Inflam ATP2B1-AS1
SQSTM11	0	0.464218	0.718	0.567	0 MG-Inflam SQSTM1
CEP68	0	0.461958	0.361	0.205	0 MG-Inflam CEP68
IER31	0	0.452276	0.908	0.749	0 MG-Inflam IER3
TSC22D31	0	0.450243	0.855	0.696	0 MG-Inflam TSC22D3
DHRS91	0	0.449996	0.364	0.208	0 MG-Inflam DHRS9
DUSP11	0	0.445456	0.993	0.935	0 MG-Inflam DUSP1
BTG2	0	0.441553	0.897	0.72	0 MG-Inflam BTG2
ODC1	0	0.43976	0.435	0.263	0 MG-Inflam ODC1
SOD21	0	0.43849	0.751	0.554	0 MG-Inflam SOD2
AC087239.1	0	0.438433	0.347	0.167	0 MG-Inflam AC087239.1
SNHG1	0	0.436216	0.378	0.214	0 MG-Inflam SNHG1
AC004687.1	0	0.435284	0.439	0.257	0 MG-Inflam AC004687.1
HIST2H2BF	0	0.432125	0.292	0.116	0 MG-Inflam HIST2H2BF
RIPK1	0	0.426796	0.376	0.221	0 MG-Inflam RIPK1
GPR341	0	0.419207	0.805	0.613	0 MG-Inflam GPR34
PATL2	0	0.412063	0.288	0.127	0 MG-Inflam PATL2
WSB1	0	0.410459	0.846	0.692	0 MG-Inflam WSB1
AC020911.1	0	0.404022	0.263	0.107	0 MG-Inflam AC020911.2
CCL4L21	0	0.403002	0.919	0.765	0 MG-Inflam CCL4L2
AZIN1-AS1	0	0.402426	0.52	0.334	0 MG-Inflam AZIN1-AS1
MT-ATP6	0	0.398461	0.935	0.844	0 MG-Inflam MT-ATP6
PPP1R10	0	0.39732	0.616	0.422	0 MG-Inflam PPP1R10
FCGR1B	0	0.394763	0.435	0.262	0 MG-Inflam FCGR1B
FAM53C	0	0.391781	0.453	0.28	0 MG-Inflam FAM53C
AC106865.1	0	0.388868	0.316	0.174	0 MG-Inflam AC106865.2

SOCS1	0	0.38847	0.25	0.118	0	MG-Inflam SOCS1
AC002451.	0	0.381628	0.255	0.116	0	MG-Inflam AC002451.1
MIR222HG	0	0.38126	0.446	0.265	0	MG-Inflam MIR222HG
AL499604.:	0	0.380825	0.313	0.162	0	MG-Inflam AL499604.1
ADGRG1	0	0.378133	0.507	0.317	0	MG-Inflam ADGRG1
YME1L1	0	0.376992	0.615	0.436	0	MG-Inflam YME1L1
DNAJB41	0	0.373727	0.299	0.153	0	MG-Inflam DNAJB4
INTS6	0	0.371416	0.471	0.3	0	MG-Inflam INTS6
AL512603.:	0	0.370356	0.352	0.193	0	MG-Inflam AL512603.2
AC022217.	0	0.358332	0.588	0.401	0	MG-Inflam AC022217.3
KLF61	0	0.357509	0.975	0.883	0	MG-Inflam KLF6
MTRNR2L1	0	0.357324	0.695	0.468	0	MG-Inflam MTRNR2L12
C2orf76	0	0.336276	0.29	0.151	0	MG-Inflam C2orf76
TNFAIP31	0	0.332763	0.729	0.523	0	MG-Inflam TNFAIP3
LINC01004	0	0.326624	0.286	0.139	0	MG-Inflam LINC01004
CCL3L11	5.99E-308	0.359019	0.88	0.718	1.68E-303	MG-Inflam CCL3L1
AF213884.:	1.27E-307	0.388926	0.406	0.247	3.58E-303	MG-Inflam AF213884.3
RPL41	1.81E-307	0.289825	0.927	0.801	5.08E-303	MG-Inflam RPL41
CD831	3.41E-305	0.284078	0.982	0.901	9.58E-301	MG-Inflam CD83
C3AR11	5.04E-301	0.3379	0.787	0.61	1.42E-296	MG-Inflam C3AR1
SNHG25	5.74E-300	0.356083	0.327	0.186	1.61E-295	MG-Inflam SNHG25
JUND1	8.67E-292	0.360799	0.911	0.783	2.44E-287	MG-Inflam JUND
P2RY13	5.37E-290	0.352686	0.489	0.321	1.51E-285	MG-Inflam P2RY13
MIR29B2C1	3.21E-289	0.2833	0.324	0.182	9.04E-285	MG-Inflam MIR29B2CHG
GTF2A1	3.09E-287	0.285314	0.269	0.142	8.69E-283	MG-Inflam GTF2A1
ZNF143	3.67E-285	0.270015	0.26	0.135	1.03E-280	MG-Inflam ZNF143
MCF2L21	5.61E-285	0.407319	0.506	0.344	1.58E-280	MG-Inflam MCF2L2
SGK11	1.80E-280	0.380692	0.952	0.848	5.06E-276	MG-Inflam SGK1
NXF1	1.98E-277	0.313492	0.376	0.23	5.58E-273	MG-Inflam NXF1
LPAR51	2.19E-271	0.282998	0.433	0.276	6.15E-267	MG-Inflam LPAR5
MAFB	5.93E-270	0.49357	0.713	0.578	1.67E-265	MG-Inflam MAFB
KLF21	1.77E-269	0.28408	0.88	0.693	4.99E-265	MG-Inflam KLF2
ARRDC3	6.48E-267	0.301239	0.287	0.159	1.82E-262	MG-Inflam ARRDC3
NUFIP2	1.06E-259	0.354994	0.579	0.422	2.97E-255	MG-Inflam NUFIP2
TRA2B1	1.04E-258	0.3599	0.705	0.548	2.92E-254	MG-Inflam TRA2B
SRSF7	1.69E-258	0.382867	0.757	0.61	4.75E-254	MG-Inflam SRSF7
BHLHE41	1.91E-257	0.316217	0.689	0.514	5.38E-253	MG-Inflam BHLHE41
CTTNBP2	3.26E-257	0.330508	0.525	0.36	9.17E-253	MG-Inflam CTTNBP2
MEF2C-AS1	3.09E-253	0.255318	0.299	0.17	8.71E-249	MG-Inflam MEF2C-AS1
CX3CR12	7.19E-250	0.289281	0.725	0.549	2.02E-245	MG-Inflam CX3CR1
AL355881.:	1.45E-247	0.360187	0.291	0.168	4.08E-243	MG-Inflam AL355881.1
CDK6	1.57E-246	0.285012	0.384	0.24	4.42E-242	MG-Inflam CDK6
HSPA81	2.20E-246	0.352306	0.87	0.754	6.19E-242	MG-Inflam HSPA8
SPATA13	2.20E-246	0.288752	0.567	0.403	6.19E-242	MG-Inflam SPATA13
EGR21	4.53E-246	0.33991	0.66	0.48	1.27E-241	MG-Inflam EGR2
FCGR1A1	6.76E-244	0.31408	0.654	0.485	1.90E-239	MG-Inflam FCGR1A
SLC31A2	4.28E-243	0.390323	0.504	0.357	1.20E-238	MG-Inflam SLC31A2

RASGEF1B	1.35E-241	0.378035	0.766	0.628	3.80E-237	MG-Inflam	RASGEF1B
EIF4A2	3.07E-240	0.31245	0.642	0.486	8.65E-236	MG-Inflam	EIF4A2
BRD2	1.60E-234	0.291837	0.606	0.446	4.51E-230	MG-Inflam	BRD2
GSTM3	2.78E-231	0.314249	0.364	0.229	7.83E-227	MG-Inflam	GSTM3
B4GALT1	8.91E-229	0.281836	0.731	0.584	2.51E-224	MG-Inflam	B4GALT1
JDP21	1.10E-228	0.289283	0.706	0.548	3.09E-224	MG-Inflam	JDP2
COPB2	6.96E-228	0.261189	0.377	0.242	1.96E-223	MG-Inflam	COPB2
AC012150.	1.54E-226	0.269043	0.288	0.167	4.33E-222	MG-Inflam	AC012150.1
CKS21	1.89E-226	0.298801	0.417	0.272	5.30E-222	MG-Inflam	CKS2
IL6ST1	4.16E-226	0.268094	0.659	0.491	1.17E-221	MG-Inflam	IL6ST
TMEM52B	5.60E-225	0.277584	0.44	0.294	1.58E-220	MG-Inflam	TMEM52B
SKIL1	1.82E-224	0.295183	0.801	0.655	5.13E-220	MG-Inflam	SKIL
OAT	2.01E-224	0.337752	0.286	0.169	5.64E-220	MG-Inflam	OAT
LIPA	1.16E-222	0.324321	0.455	0.315	3.25E-218	MG-Inflam	LIPA
TLR41	1.25E-220	0.314085	0.328	0.202	3.52E-216	MG-Inflam	TLR4
HECA1	2.19E-219	0.29639	0.346	0.219	6.16E-215	MG-Inflam	HECA
SMAP2	5.10E-219	0.343639	0.867	0.754	1.43E-214	MG-Inflam	SMAP2
AC025164.	5.82E-218	0.31652	0.254	0.144	1.64E-213	MG-Inflam	AC025164.1
SERPINE12	1.56E-217	0.502142	0.537	0.395	4.38E-213	MG-Inflam	SERPINE1
HTRA11	3.33E-215	0.293041	0.774	0.606	9.38E-211	MG-Inflam	HTRA1
LGMN	4.34E-215	0.280296	0.558	0.404	1.22E-210	MG-Inflam	LGMN
DDX50	1.35E-214	0.25846	0.343	0.217	3.81E-210	MG-Inflam	DDX50
HSPA5	1.45E-213	0.301397	0.716	0.564	4.08E-209	MG-Inflam	HSPA5
CKB1	2.08E-212	0.305052	0.53	0.374	5.86E-208	MG-Inflam	CKB
ARMH1	2.32E-209	0.450068	0.307	0.188	6.53E-205	MG-Inflam	ARMH1
PLK31	3.96E-202	0.274362	0.589	0.436	1.12E-197	MG-Inflam	PLK3
KCTD12	7.55E-201	0.256434	0.706	0.559	2.12E-196	MG-Inflam	KCTD12
WTAP	1.41E-196	0.28247	0.55	0.409	3.96E-192	MG-Inflam	WTAP
SPTAN1	2.91E-195	0.284399	0.352	0.232	8.20E-191	MG-Inflam	SPTAN1
SRSF31	2.85E-194	0.265041	0.672	0.519	8.02E-190	MG-Inflam	SRSF3
UBE2S	5.26E-193	0.351076	0.376	0.255	1.48E-188	MG-Inflam	UBE2S
RHOB1	6.81E-192	0.348721	0.923	0.811	1.92E-187	MG-Inflam	RHOB
RPL22L1	3.78E-190	0.278225	0.587	0.443	1.06E-185	MG-Inflam	RPL22L1
IFI61	2.73E-186	0.537796	0.381	0.266	7.69E-182	MG-Inflam	IFI6
CXorf21	2.09E-181	0.269305	0.379	0.254	5.89E-177	MG-Inflam	CXorf21
AC079015.	7.84E-181	0.255375	0.265	0.16	2.21E-176	MG-Inflam	AC079015.1
SPRY11	9.32E-178	0.377576	0.355	0.236	2.62E-173	MG-Inflam	SPRY1
CCR5AS	3.80E-177	0.263816	0.308	0.198	1.07E-172	MG-Inflam	CCR5AS
TMIGD31	4.75E-176	0.307979	0.517	0.376	1.34E-171	MG-Inflam	TMIGD3
ARID5B1	8.20E-175	0.480601	0.524	0.401	2.31E-170	MG-Inflam	ARID5B
LINC01010	2.86E-172	0.331152	0.313	0.205	8.04E-168	MG-Inflam	LINC01010
SPIDR	1.15E-163	0.263513	0.606	0.473	3.24E-159	MG-Inflam	SPIDR
MAP4K31	1.32E-161	0.294546	0.623	0.493	3.71E-157	MG-Inflam	MAP4K3
RBBP6	1.16E-154	0.281262	0.462	0.342	3.27E-150	MG-Inflam	RBBP6
FOLR2	6.19E-150	0.288532	0.281	0.18	1.74E-145	MG-Inflam	FOLR2
IFI44L	6.34E-150	0.296999	0.337	0.229	1.79E-145	MG-Inflam	IFI44L
SPP11	1.52E-149	0.298803	0.919	0.818	4.29E-145	MG-Inflam	SPP1

AL138720.1	3.94E-140	0.280796	0.255	0.164	1.11E-135	MG-Inflam	AL138720.1
GADD45G1	3.00E-137	0.292668	0.298	0.2	8.45E-133	MG-Inflam	GADD45G
DUSP61	1.74E-135	0.297572	0.381	0.273	4.90E-131	MG-Inflam	DUSP6
KLHL61	6.08E-135	0.286441	0.531	0.415	1.71E-130	MG-Inflam	KLHL6
DUSP21	2.58E-91	0.28533	0.485	0.384	7.26E-87	MG-Inflam	DUSP2
PLTP	2.16E-32	0.275485	0.254	0.207	6.07E-28	MG-Inflam	PLTP
LRMDA	0	1.947621	0.854	0.746	0	TAM-RNA	LRMDA
KCNQ3	0	1.942532	0.656	0.492	0	TAM-RNA	KCNQ3
AUTS2	0	1.848259	0.506	0.301	0	TAM-RNA	AUTS2
NEAT1	0	1.782138	0.93	0.902	0	TAM-RNA	NEAT1
NHSL1	0	1.699684	0.461	0.315	0	TAM-RNA	NHSL1
CHST11	0	1.679246	0.747	0.68	0	TAM-RNA	CHST11
LDLRAD4	0	1.674598	0.88	0.818	0	TAM-RNA	LDLRAD4
FRMD4A1	0	1.662237	0.865	0.772	0	TAM-RNA	FRMD4A
ELMO11	0	1.641778	0.828	0.752	0	TAM-RNA	ELMO1
PDE3B	0	1.637018	0.557	0.431	0	TAM-RNA	PDE3B
ST6GALNAC	0	1.617279	0.662	0.549	0	TAM-RNA	ST6GALNAC3
DOCK4	0	1.592091	0.949	0.894	0	TAM-RNA	DOCK4
ZSWIM6	0	1.582839	0.709	0.614	0	TAM-RNA	ZSWIM6
SH3RF3	0	1.57789	0.477	0.319	0	TAM-RNA	SH3RF3
ARHGAP26	0	1.570076	0.783	0.696	0	TAM-RNA	ARHGAP26
ANKRD11	0	1.568441	0.629	0.532	0	TAM-RNA	ANKRD11
ABR	0	1.564723	0.64	0.532	0	TAM-RNA	ABR
ACSL1	0	1.531318	0.685	0.663	0	TAM-RNA	ACSL1
FOXN3	0	1.500862	0.747	0.688	0	TAM-RNA	FOXN3
SFMBT21	0	1.492293	0.718	0.633	0	TAM-RNA	SFMBT2
CSGALNAC	0	1.490774	0.601	0.51	0	TAM-RNA	CSGALNACT1
ARHGAP24	0	1.46537	0.775	0.72	0	TAM-RNA	ARHGAP24
FGD4	0	1.463395	0.739	0.679	0	TAM-RNA	FGD4
SRGAP2B	0	1.451926	0.631	0.518	0	TAM-RNA	SRGAP2B
ELL21	0	1.434695	0.825	0.787	0	TAM-RNA	ELL2
CELF2	0	1.432492	0.8	0.761	0	TAM-RNA	CELF2
ZFAND3	0	1.421683	0.607	0.496	0	TAM-RNA	ZFAND3
SRGAP2	0	1.416179	0.786	0.721	0	TAM-RNA	SRGAP2
MAML3	0	1.395634	0.632	0.553	0	TAM-RNA	MAML3
RAB31	0	1.393861	0.743	0.759	0	TAM-RNA	RAB31
PLXDC21	0	1.386764	0.949	0.934	0	TAM-RNA	PLXDC2
AKAP131	0	1.355389	0.811	0.778	0	TAM-RNA	AKAP13
MED13L1	0	1.355168	0.572	0.474	0	TAM-RNA	MED13L
RAPGEF11	0	1.344141	0.602	0.535	0	TAM-RNA	RAPGEF1
SLC8A1	0	1.343337	0.747	0.709	0	TAM-RNA	SLC8A1
MAML2	0	1.339102	0.626	0.548	0	TAM-RNA	MAML2
GNAQ	0	1.31419	0.673	0.62	0	TAM-RNA	GNAQ
TCF12	0	1.286298	0.625	0.555	0	TAM-RNA	TCF12
FKBP5	0	1.233431	0.685	0.711	0	TAM-RNA	FKBP5
QKI	0	1.199671	0.788	0.779	0	TAM-RNA	QKI
EPB41L21	0	1.124058	0.734	0.737	0	TAM-RNA	EPB41L2

SLC1A31	0	1.027151	0.774	0.764	0	TAM-RNA	SLC1A3
MT-CO1	0	0.96051	0.98	0.986	0	TAM-RNA	MT-CO1
MT-CO3	0	0.951109	0.946	0.952	0	TAM-RNA	MT-CO3
MALAT1	0	0.928456	1	0.988	0	TAM-RNA	MALAT1
MT-ND4L	0	0.927353	0.908	0.927	0	TAM-RNA	MT-ND4L
MEF2A1	0	0.920927	0.753	0.788	0	TAM-RNA	MEF2A
MT-CO2	0	0.913288	0.963	0.971	0	TAM-RNA	MT-CO2
MT-CYB	0	0.908734	0.949	0.961	0	TAM-RNA	MT-CYB
MT-ND51	0	0.818515	0.847	0.883	0	TAM-RNA	MT-ND5
ST6GAL11	3.21E-307	1.206465	0.669	0.649	9.04E-303	TAM-RNA	ST6GAL1
UBE2E2	9.46E-307	1.230117	0.586	0.526	2.66E-302	TAM-RNA	UBE2E2
TBC1D22A	4.87E-302	1.320616	0.536	0.44	1.37E-297	TAM-RNA	TBC1D22A
MT-ND3	5.51E-293	0.901713	0.858	0.886	1.55E-288	TAM-RNA	MT-ND3
ITPR21	1.60E-291	1.089087	0.627	0.602	4.50E-287	TAM-RNA	ITPR2
ARHGAP15	3.28E-286	1.176506	0.604	0.569	9.22E-282	TAM-RNA	ARHGAP15
MT-ND1	1.77E-284	0.812573	0.867	0.901	4.99E-280	TAM-RNA	MT-ND1
ABCC4	1.86E-283	1.376922	0.552	0.472	5.23E-279	TAM-RNA	ABCC4
PTPRJ	3.28E-280	1.508032	0.544	0.466	9.22E-276	TAM-RNA	PTPRJ
SRGAP2C	1.56E-276	1.308306	0.517	0.42	4.39E-272	TAM-RNA	SRGAP2C
RUNX1	3.93E-271	1.210879	0.633	0.598	1.11E-266	TAM-RNA	RUNX1
FHIT	5.00E-269	1.364798	0.516	0.428	1.41E-264	TAM-RNA	FHIT
SIK3	1.53E-267	1.300657	0.516	0.416	4.30E-263	TAM-RNA	SIK3
SKI	1.89E-267	1.514648	0.483	0.371	5.32E-263	TAM-RNA	SKI
PRKAG2	2.06E-263	1.394121	0.463	0.35	5.79E-259	TAM-RNA	PRKAG2
GNA131	2.28E-258	1.125426	0.623	0.603	6.41E-254	TAM-RNA	GNA13
SLC9A91	6.95E-256	1.271311	0.51	0.422	1.95E-251	TAM-RNA	SLC9A9
CD832	7.23E-253	0.609555	0.903	0.913	2.03E-248	TAM-RNA	CD83
FMNL2	6.11E-252	1.413018	0.546	0.478	1.72E-247	TAM-RNA	FMNL2
MT-ATP81	2.08E-250	1.018876	0.814	0.823	5.86E-246	TAM-RNA	MT-ATP8
RERE	2.75E-245	1.236435	0.506	0.419	7.74E-241	TAM-RNA	RERE
OXR11	1.79E-243	1.402686	0.515	0.43	5.05E-239	TAM-RNA	OXR1
IRAK31	1.32E-224	1.004765	0.647	0.657	3.71E-220	TAM-RNA	IRAK3
DSCAM1	5.24E-222	1.364162	0.409	0.293	1.47E-217	TAM-RNA	DSCAM
MT-ND2	7.11E-221	0.798173	0.827	0.874	2.00E-216	TAM-RNA	MT-ND2
HS3ST41	1.05E-218	1.35811	0.34	0.215	2.94E-214	TAM-RNA	HS3ST4
PRKCA	8.38E-218	1.278272	0.441	0.333	2.36E-213	TAM-RNA	PRKCA
JMJD1C	1.07E-211	1.055355	0.6	0.595	3.02E-207	TAM-RNA	JMJD1C
DIAPH21	9.64E-211	1.142127	0.497	0.427	2.71E-206	TAM-RNA	DIAPH2
ADAMTSL4	1.46E-210	1.40573	0.43	0.33	4.10E-206	TAM-RNA	ADAMTSL4-AS1
SSH21	5.59E-210	1.161309	0.612	0.618	1.57E-205	TAM-RNA	SSH2
FMN1	4.16E-209	1.347962	0.483	0.402	1.17E-204	TAM-RNA	FMN1
JAZF1	1.43E-208	1.252709	0.543	0.505	4.02E-204	TAM-RNA	JAZF1
SNX29	1.06E-205	1.182893	0.46	0.373	2.98E-201	TAM-RNA	SNX29
BNC21	1.84E-205	1.251034	0.405	0.296	5.18E-201	TAM-RNA	BNC2
ZBTB201	4.09E-203	1.181874	0.489	0.419	1.15E-198	TAM-RNA	ZBTB20
B4GALT11	1.65E-201	1.12585	0.607	0.605	4.65E-197	TAM-RNA	B4GALT1
SDK1	3.55E-200	1.308986	0.35	0.228	1.00E-195	TAM-RNA	SDK1

CMIP	4.99E-198	1.240534	0.439	0.347	1.40E-193	TAM-RNA 5CMIP
MGAT5	1.03E-197	1.338837	0.402	0.298	2.91E-193	TAM-RNA 5MGAT5
MT-ND4	4.96E-192	0.679576	0.839	0.893	1.40E-187	TAM-RNA 5MT-ND4
AL163541.1	2.16E-191	1.554543	0.458	0.377	6.09E-187	TAM-RNA 5AL163541.1
LYN	2.22E-190	0.979944	0.634	0.672	6.24E-186	TAM-RNA 5LYN
NR4A31	8.91E-189	1.076633	0.647	0.632	2.51E-184	TAM-RNA 5NR4A3
LIMS11	1.15E-187	0.940763	0.658	0.692	3.23E-183	TAM-RNA 5LIMS1
DIP2B1	3.68E-187	1.159478	0.412	0.313	1.04E-182	TAM-RNA 5DIP2B
SIPA1L1	1.14E-186	1.25816	0.588	0.563	3.20E-182	TAM-RNA 5SIPA1L1
FOXP1	2.37E-184	1.230435	0.506	0.465	6.68E-180	TAM-RNA 5FOXP1
LHFPL2	1.48E-178	0.949345	0.62	0.643	4.15E-174	TAM-RNA 5LHFPL2
TRIO	1.14E-176	1.117141	0.405	0.313	3.19E-172	TAM-RNA 5TRIO
ELF11	1.30E-175	0.884594	0.638	0.673	3.65E-171	TAM-RNA 5ELF1
ANKRD441	9.68E-174	1.003035	0.575	0.577	2.72E-169	TAM-RNA 5ANKRD44
PRKN	1.48E-173	1.186589	0.34	0.234	4.16E-169	TAM-RNA 5PRKN
GAB2	1.71E-173	1.11789	0.523	0.492	4.82E-169	TAM-RNA 5GAB2
EXOC4	9.55E-173	1.126799	0.407	0.317	2.69E-168	TAM-RNA 5EXOC4
WWOX	1.13E-172	1.380069	0.354	0.252	3.17E-168	TAM-RNA 5WWOX
FTX1	1.65E-168	1.096726	0.358	0.253	4.63E-164	TAM-RNA 5FTX
ARIH1	1.51E-167	1.126584	0.496	0.449	4.24E-163	TAM-RNA 5ARIH1
PALD11	3.01E-166	1.163829	0.556	0.555	8.48E-162	TAM-RNA 5PALD1
GALNT2	7.98E-166	1.143793	0.488	0.441	2.25E-161	TAM-RNA 5GALNT2
FAM53B	1.48E-165	1.188529	0.371	0.273	4.17E-161	TAM-RNA 5FAM53B
ARHGAP22	1.96E-164	1.182176	0.493	0.446	5.50E-160	TAM-RNA 5ARHGAP22
DOCK81	3.07E-164	0.901533	0.64	0.694	8.65E-160	TAM-RNA 5DOCK8
ARL15	4.62E-158	1.106774	0.339	0.238	1.30E-153	TAM-RNA 5ARL15
DYRK1A	7.21E-158	1.044112	0.361	0.262	2.03E-153	TAM-RNA 5DYRK1A
MSI2	1.69E-156	1.012643	0.253	0.149	4.76E-152	TAM-RNA 5MSI2
CAMK1D	1.07E-155	1.200608	0.463	0.411	3.01E-151	TAM-RNA 5CAMK1D
RPS6KA2	8.71E-152	1.148289	0.344	0.248	2.45E-147	TAM-RNA 5RPS6KA2
SUSD6	1.87E-151	1.128973	0.478	0.432	5.25E-147	TAM-RNA 5SUSD6
FCHSD21	2.61E-151	1.106664	0.504	0.471	7.34E-147	TAM-RNA 5FCHSD2
LINC02798	2.34E-150	1.26741	0.406	0.326	6.59E-146	TAM-RNA 5LINC02798
MBNL1	2.38E-150	0.969429	0.63	0.682	6.70E-146	TAM-RNA 5MBNL1
SRGAP1	6.30E-148	1.196715	0.47	0.424	1.77E-143	TAM-RNA 5SRGAP1
RASAL2	9.20E-148	1.140902	0.42	0.35	2.59E-143	TAM-RNA 5RASAL2
RBM47	5.71E-147	1.024676	0.527	0.505	1.61E-142	TAM-RNA 5RBM47
GLS	2.28E-145	1.107152	0.502	0.476	6.40E-141	TAM-RNA 5GLS
KMT2C	4.12E-145	0.999928	0.446	0.387	1.16E-140	TAM-RNA 5KMT2C
PPARD	1.41E-143	1.197837	0.409	0.338	3.96E-139	TAM-RNA 5PPARD
DISC11	2.70E-143	1.11799	0.439	0.379	7.61E-139	TAM-RNA 5DISC1
LNCAROD1	1.84E-141	1.120399	0.498	0.457	5.18E-137	TAM-RNA 5LNCAROD
HIF1A1	1.26E-140	0.988492	0.655	0.697	3.55E-136	TAM-RNA 5HIF1A
ETV6	4.36E-139	1.001061	0.55	0.551	1.23E-134	TAM-RNA 5ETV6
RANBP2	2.47E-138	1.207825	0.581	0.57	6.95E-134	TAM-RNA 5RANBP2
STAG1	3.34E-138	1.033092	0.458	0.413	9.41E-134	TAM-RNA 5STAG1
DLEU11	8.57E-138	1.046702	0.547	0.543	2.41E-133	TAM-RNA 5DLEU1

PAG1	3.15E-136	1.12544	0.473	0.434	8.88E-132	TAM-RNA	§PAG1
LINC01374	1.15E-135	1.132592	0.369	0.286	3.23E-131	TAM-RNA	§LINC01374
AC020916.1	2.22E-135	0.961373	0.587	0.586	6.25E-131	TAM-RNA	§AC020916.1
LPP	2.73E-135	0.956162	0.516	0.501	7.69E-131	TAM-RNA	§LPP
BCAS3	7.26E-133	1.096249	0.322	0.232	2.04E-128	TAM-RNA	§BCAS3
OLR11	9.36E-132	0.625327	0.74	0.795	2.63E-127	TAM-RNA	§OLR11
ATG7	9.42E-129	1.083781	0.417	0.357	2.65E-124	TAM-RNA	§ATG7
RAD51B	2.48E-128	1.089845	0.367	0.29	6.97E-124	TAM-RNA	§RAD51B
TRAPPC9	1.84E-127	1.029212	0.33	0.244	5.17E-123	TAM-RNA	§TRAPPC9
DOCK2	3.42E-127	1.014204	0.473	0.445	9.62E-123	TAM-RNA	§DOCK2
ZFH31	2.92E-126	0.984859	0.52	0.526	8.22E-122	TAM-RNA	§ZFH31
MB21D2	2.46E-125	1.153807	0.318	0.233	6.91E-121	TAM-RNA	§MB21D2
FNIP2	3.20E-125	1.2475	0.423	0.367	8.99E-121	TAM-RNA	§FNIP2
SNX91	6.86E-124	1.093842	0.552	0.549	1.93E-119	TAM-RNA	§SNX91
JARID2	1.16E-123	1.091475	0.353	0.27	3.26E-119	TAM-RNA	§JARID2
MYO9B	1.54E-122	1.024706	0.503	0.485	4.33E-118	TAM-RNA	§MYO9B
MAN1A1	2.08E-122	1.16723	0.461	0.428	5.85E-118	TAM-RNA	§MAN1A1
SPTLC21	3.51E-122	0.95876	0.576	0.602	9.86E-118	TAM-RNA	§SPTLC21
PRKCH1	2.12E-121	0.904003	0.584	0.596	5.95E-117	TAM-RNA	§PRKCH1
ARID1B	5.33E-120	0.993224	0.382	0.314	1.50E-115	TAM-RNA	§ARID1B
KCNMA1	9.54E-118	1.305412	0.34	0.266	2.68E-113	TAM-RNA	§KCNMA1
RASA3	2.04E-117	1.145906	0.424	0.374	5.73E-113	TAM-RNA	§RASA3
IRAK21	5.95E-114	1.077496	0.484	0.461	1.67E-109	TAM-RNA	§IRAK21
KDM6A	1.36E-112	0.928989	0.284	0.199	3.82E-108	TAM-RNA	§KDM6A
NFKB11	8.33E-112	1.235175	0.602	0.604	2.34E-107	TAM-RNA	§NFKB11
PEAK12	3.56E-111	0.980891	0.513	0.499	1.00E-106	TAM-RNA	§PEAK12
ZNF3311	4.67E-111	1.083149	0.629	0.623	1.31E-106	TAM-RNA	§ZNF3311
MTSS1	2.56E-108	1.206977	0.378	0.314	7.19E-104	TAM-RNA	§MTSS1
CUX1	6.58E-108	0.997776	0.434	0.396	1.85E-103	TAM-RNA	§CUX1
SPAG9	1.81E-106	1.104712	0.421	0.381	5.10E-102	TAM-RNA	§SPAG9
PICALM1	7.77E-106	0.810386	0.615	0.691	2.19E-101	TAM-RNA	§PICALM1
FBXO11	1.05E-105	1.03745	0.405	0.357	2.94E-101	TAM-RNA	§FBXO11
TNS3	2.11E-105	1.012749	0.365	0.302	5.95E-101	TAM-RNA	§TNS3
SLC11A11	4.37E-105	0.838937	0.604	0.638	1.23E-100	TAM-RNA	§SLC11A11
CSF2RA1	5.75E-104	0.752454	0.621	0.681	1.62E-99	TAM-RNA	§CSF2RA1
ANKS1A	1.18E-103	1.056458	0.373	0.316	3.32E-99	TAM-RNA	§ANKS1A
PDE8A	4.27E-103	1.145525	0.373	0.311	1.20E-98	TAM-RNA	§PDE8A
IMMP2L	8.17E-99	1.103954	0.325	0.257	2.30E-94	TAM-RNA	§IMMP2L
SBF2	1.95E-96	0.962992	0.378	0.327	5.49E-92	TAM-RNA	§SBF2
REL1	2.99E-94	0.651637	0.681	0.754	8.42E-90	TAM-RNA	§REL1
TANC2	5.35E-93	0.987572	0.309	0.239	1.51E-88	TAM-RNA	§TANC2
TNRC18	1.12E-92	0.989171	0.305	0.235	3.16E-88	TAM-RNA	§TNRC18
MAP4K32	2.21E-92	0.883329	0.509	0.511	6.21E-88	TAM-RNA	§MAP4K32
RASGEF1B1	7.07E-92	0.754765	0.606	0.65	1.99E-87	TAM-RNA	§RASGEF1B1
PRKCE	3.24E-91	1.040796	0.273	0.2	9.12E-87	TAM-RNA	§PRKCE
SPRED1	6.32E-91	1.020651	0.372	0.315	1.78E-86	TAM-RNA	§SPRED1
MIR29B2C1	9.87E-90	0.886171	0.271	0.197	2.78E-85	TAM-RNA	§MIR29B2C1

ATXN1	2.85E-89	0.985738	0.39	0.349	8.03E-85	TAM-RNA	ATXN1
ADAM17	6.52E-89	0.926507	0.467	0.46	1.83E-84	TAM-RNA	ADAM17
SMYD3	1.22E-88	1.054206	0.266	0.194	3.42E-84	TAM-RNA	SMYD3
DPYD	5.25E-88	0.97997	0.466	0.463	1.48E-83	TAM-RNA	DPYD
MERTK	2.20E-87	1.012816	0.434	0.407	6.20E-83	TAM-RNA	MERTK
ATP8B4	5.03E-87	0.867464	0.468	0.461	1.42E-82	TAM-RNA	ATP8B4
GPCPD1	5.15E-87	0.993963	0.419	0.391	1.45E-82	TAM-RNA	GPCPD1
ZNF609	1.22E-86	1.004181	0.299	0.233	3.43E-82	TAM-RNA	ZNF609
TBL1XR1	1.29E-86	0.958662	0.352	0.3	3.63E-82	TAM-RNA	TBL1XR1
TSC22D2	3.54E-86	0.967946	0.518	0.534	9.95E-82	TAM-RNA	TSC22D2
BMP2K1	2.69E-84	0.922498	0.473	0.478	7.56E-80	TAM-RNA	BMP2K
IL1RAP1	6.81E-84	1.021041	0.426	0.398	1.92E-79	TAM-RNA	IL1RAP
CYTH1	3.94E-83	1.021977	0.345	0.294	1.11E-78	TAM-RNA	CYTH1
SMAP21	5.59E-83	0.561422	0.683	0.776	1.57E-78	TAM-RNA	SMAP2
DLEU2	1.79E-82	0.909863	0.424	0.4	5.03E-78	TAM-RNA	DLEU2
MAN2A1	8.32E-82	1.052208	0.401	0.37	2.34E-77	TAM-RNA	MAN2A1
RFX3	1.36E-81	0.900597	0.261	0.192	3.82E-77	TAM-RNA	RFX3
COP1	4.68E-81	0.885974	0.327	0.27	1.32E-76	TAM-RNA	COP1
ATP9B	5.78E-81	0.861981	0.273	0.205	1.63E-76	TAM-RNA	ATP9B
ZEB2	3.78E-80	0.900936	0.555	0.616	1.06E-75	TAM-RNA	ZEB2
PACSIN2	4.80E-80	1.028423	0.384	0.351	1.35E-75	TAM-RNA	PACSIN2
AKT3	5.09E-80	0.91672	0.309	0.248	1.43E-75	TAM-RNA	AKT3
MIR99AHG	5.77E-80	0.867436	0.278	0.21	1.62E-75	TAM-RNA	MIR99AHG
CCNL1	6.79E-80	0.70643	0.586	0.65	1.91E-75	TAM-RNA	CCNL1
DENND1A	1.16E-79	0.888763	0.286	0.221	3.27E-75	TAM-RNA	DENND1A
WDFY31	3.65E-79	0.853634	0.297	0.234	1.03E-74	TAM-RNA	WDFY3
BTBD9	1.25E-77	0.954242	0.279	0.215	3.52E-73	TAM-RNA	BTBD9
SYNDIG11	4.47E-77	1.151449	0.441	0.425	1.26E-72	TAM-RNA	SYNDIG1
WDR70	4.94E-77	0.870697	0.307	0.248	1.39E-72	TAM-RNA	WDR70
VTI1A	3.39E-75	0.917838	0.293	0.234	9.54E-71	TAM-RNA	VTI1A
ATP2C11	4.07E-75	0.959628	0.415	0.391	1.14E-70	TAM-RNA	ATP2C1
LRCH1	8.53E-75	0.9336	0.342	0.296	2.40E-70	TAM-RNA	LRCH1
ASH1L	8.75E-75	0.906296	0.392	0.365	2.46E-70	TAM-RNA	ASH1L
CCNH	1.61E-74	0.744691	0.65	0.728	4.54E-70	TAM-RNA	CCNH
RIN2	4.01E-74	0.935473	0.474	0.479	1.13E-69	TAM-RNA	RIN2
MT-ATP61	6.00E-74	0.753	0.794	0.861	1.69E-69	TAM-RNA	MT-ATP6
INPP5D1	3.32E-72	0.901683	0.488	0.513	9.34E-68	TAM-RNA	INPP5D
PIK3R5	5.18E-72	0.906697	0.461	0.465	1.46E-67	TAM-RNA	PIK3R5
CDKAL1	1.31E-71	0.824917	0.255	0.192	3.70E-67	TAM-RNA	CDKAL1
CHD2	2.02E-71	0.927325	0.453	0.46	5.70E-67	TAM-RNA	CHD2
FAF1	4.74E-71	0.863125	0.33	0.282	1.33E-66	TAM-RNA	FAF1
KANSL11	2.52E-70	0.873391	0.312	0.259	7.08E-66	TAM-RNA	KANSL1
31-Mar	3.96E-70	0.963052	0.474	0.476	1.11E-65	TAM-RNA	3-Mar
DENND4A	2.54E-69	0.913585	0.353	0.313	7.14E-65	TAM-RNA	DENND4A
PELI1	6.14E-68	0.947912	0.52	0.549	1.73E-63	TAM-RNA	PELI1
TBC1D51	6.34E-68	0.886866	0.412	0.399	1.78E-63	TAM-RNA	TBC1D5
HIVEP3	1.60E-67	0.987439	0.331	0.284	4.50E-63	TAM-RNA	HIVEP3

USP34	1.61E-67	0.861899	0.338	0.295	4.53E-63	TAM-RNA	USP34
AFF4	2.45E-67	0.758137	0.536	0.593	6.90E-63	TAM-RNA	AFF4
PIK3R1	4.99E-67	0.96875	0.494	0.525	1.40E-62	TAM-RNA	PIK3R1
PDE4B1	5.63E-67	0.965017	0.493	0.504	1.58E-62	TAM-RNA	PDE4B
MACF1	1.85E-66	0.86009	0.443	0.448	5.20E-62	TAM-RNA	MACF1
PAN3	3.02E-66	0.806137	0.298	0.244	8.50E-62	TAM-RNA	PAN3
MKLN1	3.54E-66	0.922027	0.368	0.338	9.97E-62	TAM-RNA	MKLN1
FER1	1.08E-65	0.724723	0.278	0.219	3.03E-61	TAM-RNA	FER
TTC7A	6.81E-65	1.010921	0.371	0.343	1.92E-60	TAM-RNA	TTC7A
FOXO3	2.83E-63	1.028874	0.4	0.384	7.96E-59	TAM-RNA	FOXO3
VPS13B	3.91E-63	0.822517	0.292	0.24	1.10E-58	TAM-RNA	VPS13B
DOCK10	8.53E-63	0.821321	0.485	0.509	2.40E-58	TAM-RNA	DOCK10
UBASH3B1	1.02E-62	1.127589	0.256	0.2	2.88E-58	TAM-RNA	UBASH3B
FAM172A	4.01E-62	0.804721	0.264	0.209	1.13E-57	TAM-RNA	FAM172A
SLC7A5	4.03E-62	1.018249	0.401	0.387	1.13E-57	TAM-RNA	SLC7A5
DNM2	4.20E-61	0.953084	0.419	0.416	1.18E-56	TAM-RNA	DNM2
NAV31	3.84E-60	1.001674	0.35	0.314	1.08E-55	TAM-RNA	NAV3
PCNX21	3.99E-60	0.882625	0.325	0.285	1.12E-55	TAM-RNA	PCNX2
WDR91	1.86E-59	0.831192	0.314	0.271	5.25E-55	TAM-RNA	WDR91
KDM4B	3.39E-59	0.98164	0.312	0.27	9.53E-55	TAM-RNA	KDM4B
SIPA1L2	4.89E-59	0.940365	0.294	0.247	1.38E-54	TAM-RNA	SIPA1L2
DAGLB1	6.52E-59	0.897057	0.432	0.433	1.83E-54	TAM-RNA	DAGLB
NCOA3	7.77E-59	0.901668	0.363	0.336	2.19E-54	TAM-RNA	NCOA3
RREB1	1.14E-58	0.862297	0.272	0.22	3.20E-54	TAM-RNA	RREB1
BRAF	1.37E-58	0.799025	0.289	0.239	3.86E-54	TAM-RNA	BRAF
ADAM281	5.80E-58	0.689006	0.539	0.599	1.63E-53	TAM-RNA	ADAM28
DTNA	8.91E-58	0.859303	0.25	0.198	2.51E-53	TAM-RNA	DTNA
HDAC91	3.50E-57	0.966453	0.417	0.415	9.85E-53	TAM-RNA	HDAC9
EIF4G3	3.90E-57	0.857831	0.391	0.381	1.10E-52	TAM-RNA	EIF4G3
BIRC6	5.16E-57	0.802259	0.352	0.322	1.45E-52	TAM-RNA	BIRC6
CPEB4	2.39E-56	0.964278	0.327	0.292	6.72E-52	TAM-RNA	CPEB4
USP9X	4.32E-56	0.86025	0.316	0.277	1.22E-51	TAM-RNA	USP9X
NCOR2	1.33E-55	0.845315	0.439	0.452	3.74E-51	TAM-RNA	NCOR2
SYTL31	2.60E-55	1.104683	0.426	0.424	7.31E-51	TAM-RNA	SYTL3
ATF6	2.04E-54	0.95674	0.409	0.409	5.73E-50	TAM-RNA	ATF6
MRTFA	2.18E-54	0.863544	0.321	0.285	6.12E-50	TAM-RNA	MRTFA
RYR11	9.21E-54	0.932482	0.292	0.249	2.59E-49	TAM-RNA	RYR1
MIR222HG	1.45E-53	0.963418	0.325	0.288	4.07E-49	TAM-RNA	MIR222HG
HNRNPC	6.06E-53	0.804637	0.528	0.612	1.71E-48	TAM-RNA	HNRNPC
TFRC	9.46E-53	1.06943	0.354	0.323	2.66E-48	TAM-RNA	TFRC
ZBTB16	1.08E-52	1.00309	0.381	0.365	3.03E-48	TAM-RNA	ZBTB16
CAMK2D	1.71E-52	0.911739	0.334	0.305	4.80E-48	TAM-RNA	CAMK2D
CPEB3	1.12E-51	0.846292	0.27	0.224	3.16E-47	TAM-RNA	CPEB3
FBXW11	1.65E-51	0.880975	0.357	0.338	4.64E-47	TAM-RNA	FBXW11
RAB1A1	2.62E-51	0.760748	0.492	0.538	7.36E-47	TAM-RNA	RAB1A
IFRD1	4.23E-51	0.882963	0.475	0.502	1.19E-46	TAM-RNA	IFRD1
IGSF21	2.45E-50	1.009937	0.4	0.4	6.88E-46	TAM-RNA	IGSF21

CTNNB1	3.30E-50	0.97847	0.458	0.492	9.29E-46	TAM-RNA	CTNNB1
MTHFD1L	3.83E-50	0.898195	0.351	0.331	1.08E-45	TAM-RNA	MTHFD1L
FAM49B	2.60E-49	0.695966	0.553	0.651	7.30E-45	TAM-RNA	FAM49B
CREBBP	6.85E-49	0.783726	0.292	0.253	1.93E-44	TAM-RNA	CREBBP
NF1	1.07E-48	0.794985	0.324	0.294	3.02E-44	TAM-RNA	NF1
CHKA	1.63E-48	0.895799	0.398	0.403	4.58E-44	TAM-RNA	CHKA
HSPD11	3.06E-48	0.294533	0.329	0.507	8.61E-44	TAM-RNA	HSPD11
OSBPL3	2.32E-47	0.808501	0.275	0.233	6.54E-43	TAM-RNA	OSBPL3
XPR1	3.02E-47	0.807384	0.258	0.213	8.49E-43	TAM-RNA	XPR1
SLC4A7	1.53E-46	0.848622	0.428	0.439	4.31E-42	TAM-RNA	SLC4A7
PREX1	5.66E-46	0.767041	0.521	0.597	1.59E-41	TAM-RNA	PREX1
PSME4	8.02E-46	0.805839	0.292	0.255	2.26E-41	TAM-RNA	PSME4
ATP13A31	1.83E-45	0.919916	0.35	0.328	5.16E-41	TAM-RNA	ATP13A3
KLHL62	3.14E-45	0.904159	0.424	0.432	8.83E-41	TAM-RNA	KLHL6
ARHGAP6	6.11E-45	0.900472	0.332	0.305	1.72E-40	TAM-RNA	ARHGAP6
MANBA1	7.09E-45	0.789944	0.502	0.555	1.99E-40	TAM-RNA	MANBA
PTPN11	7.18E-45	0.982121	0.402	0.409	2.02E-40	TAM-RNA	PTPN1
GRID21	7.84E-45	1.535479	0.267	0.222	2.21E-40	TAM-RNA	GRID2
RHBDF2	1.71E-44	0.610754	0.569	0.66	4.82E-40	TAM-RNA	RHBDF2
PADI21	6.19E-44	1.078603	0.524	0.585	1.74E-39	TAM-RNA	PADI2
BABAM2	8.71E-44	0.82587	0.312	0.285	2.45E-39	TAM-RNA	BABAM2
CYTH3	9.02E-44	0.838239	0.255	0.213	2.54E-39	TAM-RNA	CYTH3
USP36	1.29E-43	0.916056	0.308	0.28	3.62E-39	TAM-RNA	USP36
MSR11	1.52E-43	0.813482	0.524	0.583	4.29E-39	TAM-RNA	MSR1
RAPGEF2	1.82E-42	0.842916	0.285	0.25	5.13E-38	TAM-RNA	RAPGEF2
RCOR1	2.48E-42	0.782988	0.262	0.222	6.99E-38	TAM-RNA	RCOR1
YWHAQ	1.07E-41	0.259374	0.228	0.363	3.02E-37	TAM-RNA	YWHAQ
FNDC3B	1.58E-41	0.735451	0.286	0.25	4.45E-37	TAM-RNA	FNDC3B
NAMPT	2.02E-41	0.905383	0.504	0.545	5.67E-37	TAM-RNA	NAMPT
CAST	3.77E-41	0.261908	0.26	0.409	1.06E-36	TAM-RNA	CAST
PPP6R3	3.82E-41	0.73988	0.297	0.267	1.08E-36	TAM-RNA	PPP6R3
SORL11	1.23E-40	0.56758	0.602	0.713	3.47E-36	TAM-RNA	SORL1
IPCEF12	3.40E-40	0.766161	0.486	0.51	9.56E-36	TAM-RNA	IPCEF1
RIN3	1.45E-39	0.818148	0.428	0.457	4.08E-35	TAM-RNA	RIN3
PTK2B	7.77E-39	0.964562	0.291	0.264	2.19E-34	TAM-RNA	PTK2B
PFKFB3	1.01E-38	0.79465	0.513	0.572	2.85E-34	TAM-RNA	PFKFB3
MPRIP	2.93E-38	0.905484	0.266	0.232	8.25E-34	TAM-RNA	MPRIP
MT-ND61	5.82E-38	0.657257	0.522	0.564	1.64E-33	TAM-RNA	MT-ND6
SPIDR1	4.03E-37	0.732756	0.456	0.494	1.13E-32	TAM-RNA	SPIDR
CHD1	4.06E-37	0.779966	0.413	0.433	1.14E-32	TAM-RNA	CHD1
BAZ2B	4.43E-37	0.777741	0.378	0.381	1.25E-32	TAM-RNA	BAZ2B
ITGAV1	4.62E-37	0.842264	0.43	0.455	1.30E-32	TAM-RNA	ITGAV
PIAS1	6.78E-37	0.754523	0.403	0.424	1.91E-32	TAM-RNA	PIAS1
UBAP1	1.53E-35	0.782442	0.298	0.277	4.31E-31	TAM-RNA	UBAP1
GTF2B	2.87E-35	0.273333	0.252	0.386	8.08E-31	TAM-RNA	GTF2B
YBX3	1.80E-34	0.269328	0.269	0.411	5.06E-30	TAM-RNA	YBX3
ABCA1	1.98E-34	0.838609	0.398	0.401	5.58E-30	TAM-RNA	ABCA1

CTBP2	2.58E-34	0.833935	0.266	0.237	7.27E-30	TAM-RNA	CTBP2
ALCAM	3.49E-34	1.06171	0.372	0.378	9.81E-30	TAM-RNA	ALCAM
DDX3Y	1.01E-33	0.930154	0.348	0.346	2.84E-29	TAM-RNA	DDX3Y
MGAT4A1	1.17E-33	0.290416	0.323	0.496	3.30E-29	TAM-RNA	MGAT4A
KDM2A	1.22E-33	0.748638	0.285	0.261	3.43E-29	TAM-RNA	KDM2A
NFAT5	3.02E-33	0.849836	0.355	0.352	8.51E-29	TAM-RNA	NFAT5
COG5	5.00E-33	0.714468	0.261	0.231	1.41E-28	TAM-RNA	COG5
STK17B	5.93E-33	0.250801	0.273	0.41	1.67E-28	TAM-RNA	STK17B
NIPBL	7.79E-33	0.727195	0.382	0.396	2.19E-28	TAM-RNA	NIPBL
AZIN1-AS1	1.13E-32	1.115882	0.363	0.36	3.17E-28	TAM-RNA	AZIN1-AS1
UBAC2	1.69E-32	0.76049	0.44	0.48	4.76E-28	TAM-RNA	UBAC2
ETF1	1.73E-32	0.769361	0.387	0.405	4.88E-28	TAM-RNA	ETF1
LCOR	2.60E-32	0.748651	0.262	0.234	7.31E-28	TAM-RNA	LCOR
SH3KBP1	4.42E-32	0.778042	0.446	0.502	1.24E-27	TAM-RNA	SH3KBP1
ARHGEF7	4.51E-32	0.789884	0.315	0.301	1.27E-27	TAM-RNA	ARHGEF7
RBM39	8.97E-32	0.512784	0.572	0.677	2.52E-27	TAM-RNA	RBM39
AFF1	9.08E-32	0.803991	0.315	0.302	2.56E-27	TAM-RNA	AFF1
KLF7	1.33E-31	0.82871	0.337	0.332	3.73E-27	TAM-RNA	KLF7
NCOA2	1.81E-31	0.723226	0.25	0.22	5.08E-27	TAM-RNA	NCOA2
IRF8	2.66E-31	0.264271	0.297	0.444	7.49E-27	TAM-RNA	IRF8
MAP2K1	2.94E-31	0.823318	0.351	0.354	8.26E-27	TAM-RNA	MAP2K1
EHMT1	9.58E-31	0.763557	0.256	0.23	2.70E-26	TAM-RNA	EHMT1
PABPC4	1.37E-30	0.284465	0.324	0.489	3.85E-26	TAM-RNA	PABPC4
MAP3K2	2.35E-30	0.796603	0.382	0.399	6.63E-26	TAM-RNA	MAP3K2
SSBP2	2.36E-30	0.806356	0.27	0.245	6.64E-26	TAM-RNA	SSBP2
SUMF1	4.96E-30	0.849557	0.283	0.264	1.40E-25	TAM-RNA	SUMF1
IFNGR21	5.05E-30	0.286488	0.373	0.559	1.42E-25	TAM-RNA	IFNGR2
MYCBP21	6.06E-30	0.703133	0.44	0.491	1.71E-25	TAM-RNA	MYCBP2
EML4	1.68E-29	0.72816	0.389	0.409	4.74E-25	TAM-RNA	EML4
TMED5	1.91E-29	0.279579	0.232	0.354	5.37E-25	TAM-RNA	TMED5
NFATC11	1.91E-29	1.010939	0.272	0.247	5.38E-25	TAM-RNA	NFATC1
ERC1	2.13E-29	0.740252	0.268	0.245	5.99E-25	TAM-RNA	ERC1
TET2	3.43E-29	0.776497	0.333	0.326	9.65E-25	TAM-RNA	TET2
GSK3B	3.92E-29	0.74136	0.271	0.249	1.10E-24	TAM-RNA	GSK3B
FOSB1	1.75E-28	0.372941	0.706	0.774	4.93E-24	TAM-RNA	FOSB
UTRN	1.89E-28	0.774795	0.314	0.303	5.33E-24	TAM-RNA	UTRN
AC084871.	2.46E-28	0.267024	0.196	0.286	6.91E-24	TAM-RNA	AC084871.1
PDXK	1.40E-27	0.260372	0.231	0.346	3.95E-23	TAM-RNA	PDXK
CHD7	2.21E-27	0.730854	0.321	0.314	6.21E-23	TAM-RNA	CHD7
DST	2.45E-27	0.780588	0.347	0.353	6.90E-23	TAM-RNA	DST
COMMD10	6.91E-27	0.752497	0.269	0.249	1.94E-22	TAM-RNA	COMMD10
RAP1B	9.80E-27	0.298836	0.288	0.433	2.76E-22	TAM-RNA	RAP1B
PDCD4	1.05E-26	0.301506	0.186	0.282	2.94E-22	TAM-RNA	PDCD4
ERICH1	1.82E-26	0.29954	0.198	0.297	5.12E-22	TAM-RNA	ERICH1
IL6R	2.63E-26	0.712057	0.352	0.358	7.40E-22	TAM-RNA	IL6R
ABL21	2.95E-26	0.850512	0.384	0.385	8.31E-22	TAM-RNA	ABL2
MAP4K41	4.73E-26	0.794563	0.36	0.373	1.33E-21	TAM-RNA	MAP4K4

RANBP9	4.83E-26	0.804434	0.391	0.417	1.36E-21	TAM-RNA ̳RANBP9
IRS21	5.21E-26	0.795654	0.407	0.44	1.47E-21	TAM-RNA ̳IRS2
STX71	5.37E-26	0.284234	0.218	0.327	1.51E-21	TAM-RNA ̳STX7
RLF	9.49E-26	0.730803	0.303	0.293	2.67E-21	TAM-RNA ̳RLF
PAFAH1B1	1.16E-25	0.71361	0.373	0.395	3.28E-21	TAM-RNA ̳PAFAH1B1
TLN21	1.26E-25	0.71724	0.259	0.236	3.55E-21	TAM-RNA ̳TLN2
GNAI3	1.54E-25	0.26748	0.201	0.299	4.34E-21	TAM-RNA ̳GNAI3
UBE2F1	1.62E-25	0.344748	0.213	0.321	4.56E-21	TAM-RNA ̳UBE2F
TRPS1	1.89E-25	0.761127	0.263	0.242	5.31E-21	TAM-RNA ̳TRPS1
PIP4K2A	2.86E-25	0.722555	0.273	0.257	8.06E-21	TAM-RNA ̳PIP4K2A
CCNY	3.19E-25	0.796758	0.332	0.339	8.97E-21	TAM-RNA ̳CCNY
DOCK11	3.65E-25	0.691193	0.253	0.23	1.03E-20	TAM-RNA ̳DOCK11
PLA2G4A	7.02E-25	0.80626	0.366	0.377	1.98E-20	TAM-RNA ̳PLA2G4A
LARP4B	8.06E-25	0.676186	0.277	0.262	2.27E-20	TAM-RNA ̳LARP4B
PTPN2	9.01E-25	0.261045	0.192	0.285	2.54E-20	TAM-RNA ̳PTPN2
HERC1	2.18E-24	0.664386	0.254	0.232	6.13E-20	TAM-RNA ̳HERC1
THADA	3.39E-24	0.74654	0.287	0.274	9.54E-20	TAM-RNA ̳THADA
FP236383.3	3.76E-24	0.293759	0.574	0.501	1.06E-19	TAM-RNA ̳FP236383.3
CORO7	4.90E-24	0.253962	0.2	0.294	1.38E-19	TAM-RNA ̳CORO7
RABGAP1L	6.92E-24	0.780525	0.367	0.391	1.95E-19	TAM-RNA ̳RABGAP1L
GRAMD1B	1.07E-23	0.840039	0.303	0.297	3.00E-19	TAM-RNA ̳GRAMD1B
ENTPD1	1.20E-23	0.272583	0.255	0.371	3.39E-19	TAM-RNA ̳ENTPD1
TBC1D1	1.28E-23	0.758985	0.354	0.373	3.60E-19	TAM-RNA ̳TBC1D1
YPEL5	1.43E-23	0.339874	0.257	0.376	4.01E-19	TAM-RNA ̳YPEL5
ITGAX1	1.46E-23	0.906636	0.391	0.417	4.10E-19	TAM-RNA ̳ITGAX
CPM	1.49E-23	0.367309	0.192	0.282	4.18E-19	TAM-RNA ̳CPM
AKAP9	1.87E-23	0.25806	0.188	0.279	5.26E-19	TAM-RNA ̳AKAP9
RABGEF1	2.24E-23	0.756618	0.381	0.397	6.31E-19	TAM-RNA ̳RABGEF1
LINC01578	3.01E-23	0.271183	0.349	0.511	8.48E-19	TAM-RNA ̳LINC01578
NCKAP1L	3.15E-23	0.256511	0.273	0.4	8.87E-19	TAM-RNA ̳NCKAP1L
NSMCE2	3.20E-23	0.724765	0.342	0.35	9.02E-19	TAM-RNA ̳NSMCE2
RAB7A	3.26E-23	0.787471	0.511	0.613	9.18E-19	TAM-RNA ̳RAB7A
IL13RA1	3.58E-23	0.262729	0.368	0.543	1.01E-18	TAM-RNA ̳IL13RA1
PSMA1	3.66E-23	0.368973	0.315	0.469	1.03E-18	TAM-RNA ̳PSMA1
DENND5A	5.69E-23	0.775191	0.27	0.257	1.60E-18	TAM-RNA ̳DENND5A
NUMB	8.79E-23	0.705843	0.357	0.374	2.47E-18	TAM-RNA ̳NUMB
VOPP1	1.30E-22	0.314301	0.227	0.335	3.67E-18	TAM-RNA ̳VOPP1
CYFIP1	1.83E-22	0.531638	0.561	0.669	5.15E-18	TAM-RNA ̳CYFIP1
BACH1	1.84E-22	0.724635	0.363	0.383	5.18E-18	TAM-RNA ̳BACH1
GK	2.30E-22	0.305011	0.257	0.368	6.48E-18	TAM-RNA ̳GK
TTC3	3.05E-22	0.268594	0.171	0.254	8.57E-18	TAM-RNA ̳TTC3
ITPR1	4.19E-22	0.749051	0.271	0.258	1.18E-17	TAM-RNA ̳ITPR1
MPP1	4.24E-22	0.252973	0.186	0.272	1.19E-17	TAM-RNA ̳MPP1
ATP2A2	4.40E-22	0.884193	0.304	0.302	1.24E-17	TAM-RNA ̳ATP2A2
EIF4E1	4.85E-22	0.386111	0.315	0.443	1.36E-17	TAM-RNA ̳EIF4E
SEPTIN6	5.41E-22	0.302213	0.21	0.308	1.52E-17	TAM-RNA ̳SEPTIN6
LCP21	6.64E-22	0.824814	0.54	0.624	1.87E-17	TAM-RNA ̳LCP2

HDLBP	7.26E-22	0.251109	0.188	0.275	2.04E-17	TAM-RNA	SHDLBP
YWHAZ	1.09E-21	0.274502	0.416	0.609	3.07E-17	TAM-RNA	SYWHAZ
PLCG2	1.13E-21	0.72722	0.28	0.271	3.17E-17	TAM-RNA	SPLCG2
USP15	1.45E-21	0.619474	0.449	0.515	4.08E-17	TAM-RNA	SUSP15
TAOK31	2.06E-21	0.753908	0.41	0.455	5.79E-17	TAM-RNA	STAOK3
RUNX2	2.66E-21	0.746701	0.296	0.292	7.48E-17	TAM-RNA	SRUNX2
WIPF1	3.64E-21	0.311454	0.233	0.338	1.03E-16	TAM-RNA	SWIPF1
CEP170	4.03E-21	0.638468	0.418	0.463	1.13E-16	TAM-RNA	SCEP170
ATG16L2	5.25E-21	0.255043	0.172	0.251	1.48E-16	TAM-RNA	SATG16L2
ATP6VOA1	6.66E-21	0.69216	0.253	0.236	1.87E-16	TAM-RNA	SATP6VOA1
BTAF1	6.33E-20	0.679435	0.283	0.275	1.78E-15	TAM-RNA	SBTAF1
11-Mar	7.44E-20	0.341959	0.208	0.3	2.09E-15	TAM-RNA	S11-Mar
TACC1	8.61E-20	0.354842	0.303	0.438	2.42E-15	TAM-RNA	STACC1
GNA12	1.01E-19	0.758493	0.257	0.245	2.84E-15	TAM-RNA	SGNA12
TRIP12	1.86E-19	0.641691	0.303	0.303	5.23E-15	TAM-RNA	STRIP12
PTPRE	1.93E-19	0.616185	0.451	0.511	5.44E-15	TAM-RNA	SPTPRE
PUM1	2.03E-19	0.678954	0.3	0.301	5.70E-15	TAM-RNA	SPUM1
DCTN4	2.09E-19	0.296215	0.222	0.319	5.87E-15	TAM-RNA	SDCTN4
FAM49A	2.37E-19	0.857226	0.321	0.332	6.67E-15	TAM-RNA	SFAM49A
NAF11	2.89E-19	0.256959	0.182	0.259	8.13E-15	TAM-RNA	SNAF1
SH2B31	3.13E-19	0.776046	0.348	0.371	8.81E-15	TAM-RNA	SSH2B3
DENND3	3.70E-19	0.730905	0.39	0.429	1.04E-14	TAM-RNA	SDENND3
MEF2C1	3.72E-19	0.465584	0.61	0.752	1.05E-14	TAM-RNA	SMEF2C
GAK	4.05E-19	0.709438	0.28	0.276	1.14E-14	TAM-RNA	SGAK
ARAP1	5.38E-19	0.288284	0.179	0.258	1.51E-14	TAM-RNA	SARAP1
P4HA11	6.70E-19	0.356281	0.231	0.325	1.88E-14	TAM-RNA	SP4HA1
CHSY11	7.15E-19	0.795293	0.332	0.342	2.01E-14	TAM-RNA	SCHSY1
NFKBID1	7.24E-19	0.610565	0.457	0.512	2.04E-14	TAM-RNA	SNFKBID
RALY	1.05E-18	0.344948	0.305	0.446	2.94E-14	TAM-RNA	SRALY
RTN41	1.08E-18	0.302837	0.439	0.646	3.04E-14	TAM-RNA	SRTN4
NR3C1	1.61E-18	0.315357	0.244	0.35	4.53E-14	TAM-RNA	SNR3C1
ANKRD17	1.78E-18	0.670704	0.307	0.311	5.01E-14	TAM-RNA	SANKRD17
USP4	2.54E-18	0.727989	0.351	0.374	7.14E-14	TAM-RNA	SUSP4
NEDD91	4.69E-18	0.544076	0.476	0.52	1.32E-13	TAM-RNA	SNEDD9
EPB41L3	5.31E-18	0.304967	0.259	0.365	1.49E-13	TAM-RNA	SEPB41L3
DDX21	1.09E-17	0.314929	0.293	0.418	3.07E-13	TAM-RNA	SDDX21
ZNF207	1.25E-17	0.284439	0.263	0.375	3.53E-13	TAM-RNA	SZNF207
NRIP1	1.43E-17	0.679324	0.381	0.422	4.03E-13	TAM-RNA	SNRIP1
SP100	1.65E-17	0.294271	0.366	0.531	4.65E-13	TAM-RNA	SP100
NUP98	2.75E-17	0.651026	0.301	0.305	7.73E-13	TAM-RNA	SNUP98
RAB10	3.46E-17	0.311424	0.252	0.359	9.75E-13	TAM-RNA	SRAB10
FRYL	4.57E-17	0.656874	0.267	0.258	1.29E-12	TAM-RNA	SFRYL
CTNNA1	5.32E-17	0.291838	0.202	0.288	1.50E-12	TAM-RNA	SCTNNA1
VPS13D	6.30E-17	0.640394	0.262	0.254	1.77E-12	TAM-RNA	SVPS13D
SF1	8.79E-17	0.255813	0.389	0.556	2.47E-12	TAM-RNA	SF1
RHOH	1.09E-16	0.360525	0.184	0.26	3.08E-12	TAM-RNA	SRHOH
STX111	1.29E-16	0.322445	0.267	0.375	3.63E-12	TAM-RNA	SSTX11

IKZF1	1.74E-16	0.807732	0.387	0.431	4.91E-12	TAM-RNA	§IKZF1
MCF2L1	4.49E-16	0.702532	0.29	0.29	1.26E-11	TAM-RNA	§MCF2L
DNAJC3	6.10E-16	0.314989	0.209	0.292	1.72E-11	TAM-RNA	§DNAJC3
ALOX5	6.94E-16	0.372593	0.337	0.482	1.95E-11	TAM-RNA	§ALOX5
YME1L11	9.49E-16	0.337937	0.333	0.47	2.67E-11	TAM-RNA	§YME1L1
CSNK1A11	1.15E-15	0.627866	0.431	0.507	3.23E-11	TAM-RNA	§CSNK1A1
RAB2A	1.47E-15	0.325625	0.317	0.452	4.13E-11	TAM-RNA	§RAB2A
DDX17	1.96E-15	0.253902	0.367	0.524	5.53E-11	TAM-RNA	§DDX17
TMEM165	2.34E-15	0.310194	0.247	0.348	6.57E-11	TAM-RNA	§TMEM165
NFIC	2.81E-15	0.32838	0.289	0.408	7.92E-11	TAM-RNA	§NFIC
TBXAS11	3.23E-15	0.521929	0.578	0.729	9.10E-11	TAM-RNA	§TBXAS1
TTYH3	3.25E-15	0.700692	0.274	0.274	9.14E-11	TAM-RNA	§TTYH3
FRMD4B	3.31E-15	0.737489	0.308	0.321	9.31E-11	TAM-RNA	§FRMD4B
AAK1	4.61E-15	0.652501	0.257	0.25	1.30E-10	TAM-RNA	§AAK1
EPC1	4.62E-15	0.298744	0.348	0.49	1.30E-10	TAM-RNA	§EPC1
TNPO1	5.23E-15	0.3264	0.203	0.286	1.47E-10	TAM-RNA	§TNPO1
ZNF644	5.48E-15	0.664944	0.295	0.303	1.54E-10	TAM-RNA	§ZNF644
NFE2L2	6.12E-15	0.754139	0.404	0.462	1.72E-10	TAM-RNA	§NFE2L2
ZNRF21	8.67E-15	0.335366	0.194	0.272	2.44E-10	TAM-RNA	§ZNRF2
FAM149A1	1.07E-14	0.771859	0.258	0.255	3.01E-10	TAM-RNA	§FAM149A
BPTF	1.13E-14	0.346455	0.248	0.347	3.17E-10	TAM-RNA	§BPTF
ICAM11	1.40E-14	0.309875	0.25	0.338	3.95E-10	TAM-RNA	§ICAM1
USP53	1.42E-14	0.635445	0.401	0.439	3.99E-10	TAM-RNA	§USP53
ZMYM2	1.42E-14	0.608299	0.27	0.268	4.01E-10	TAM-RNA	§ZMYM2
PKN21	1.76E-14	0.661102	0.313	0.327	4.95E-10	TAM-RNA	§PKN2
ARID4B	1.76E-14	0.656335	0.322	0.341	4.97E-10	TAM-RNA	§ARID4B
ATP1B3	1.87E-14	0.885033	0.442	0.503	5.25E-10	TAM-RNA	§ATP1B3
CD58	2.16E-14	0.387788	0.264	0.371	6.08E-10	TAM-RNA	§CD58
GPR1321	2.20E-14	0.40006	0.209	0.29	6.19E-10	TAM-RNA	§GPR132
WDFY21	2.27E-14	0.674224	0.285	0.29	6.38E-10	TAM-RNA	§WDFY2
PPP3CA	3.03E-14	0.6708	0.27	0.27	8.53E-10	TAM-RNA	§PPP3CA
IST1	3.33E-14	0.264316	0.186	0.257	9.37E-10	TAM-RNA	§IST1
POLR2A	3.58E-14	0.313519	0.196	0.271	1.01E-09	TAM-RNA	§POLR2A
ABI1	3.68E-14	0.748577	0.368	0.412	1.03E-09	TAM-RNA	§ABI1
MYO1E	3.94E-14	0.940284	0.34	0.358	1.11E-09	TAM-RNA	§MYO1E
TM9SF3	4.59E-14	0.287035	0.224	0.311	1.29E-09	TAM-RNA	§TM9SF3
USP6NL1	5.59E-14	0.646904	0.254	0.249	1.57E-09	TAM-RNA	§USP6NL
TRPM2	6.37E-14	0.709269	0.274	0.277	1.79E-09	TAM-RNA	§TRPM2
PLCL21	7.26E-14	0.644114	0.251	0.244	2.04E-09	TAM-RNA	§PLCL2
CAPZA1	1.29E-13	0.347633	0.274	0.386	3.62E-09	TAM-RNA	§CAPZA1
ZNFX1	1.30E-13	0.348449	0.192	0.267	3.65E-09	TAM-RNA	§ZNFX1
MAP3K81	1.99E-13	0.495468	0.583	0.671	5.60E-09	TAM-RNA	§MAP3K8
SCAF11	2.27E-13	0.328648	0.307	0.43	6.39E-09	TAM-RNA	§SCAF11
CCDC18-AS	2.29E-13	0.357362	0.233	0.322	6.43E-09	TAM-RNA	§CCDC18-AS1
WTAP1	2.30E-13	0.354393	0.311	0.437	6.47E-09	TAM-RNA	§WTAP
RRBP1	2.63E-13	0.314519	0.207	0.284	7.40E-09	TAM-RNA	§RRBP1
IL10RA	3.40E-13	0.365452	0.278	0.388	9.57E-09	TAM-RNA	§IL10RA

AOAH	4.16E-13	0.705028	0.417	0.486	1.17E-08	TAM-RNA ̳AOAH
PDGFB1	4.39E-13	0.764849	0.338	0.359	1.24E-08	TAM-RNA ̳PDGFB
FNBP4	5.07E-13	0.334659	0.249	0.344	1.43E-08	TAM-RNA ̳FNBP4
ADK	5.49E-13	0.656207	0.267	0.269	1.54E-08	TAM-RNA ̳ADK
TRA2B2	6.93E-13	0.552619	0.489	0.576	1.95E-08	TAM-RNA ̳TRA2B
EVI5	6.95E-13	0.645187	0.258	0.259	1.96E-08	TAM-RNA ̳EVI5
PPP1R12A	9.67E-13	0.314186	0.244	0.337	2.72E-08	TAM-RNA ̳PPP1R12A
PRRC2B	1.04E-12	0.662216	0.34	0.368	2.91E-08	TAM-RNA ̳PRRC2B
IVNS1ABP	1.16E-12	0.369242	0.271	0.373	3.26E-08	TAM-RNA ̳IVNS1ABP
CACUL1	1.28E-12	0.356551	0.233	0.321	3.61E-08	TAM-RNA ̳CACUL1
FGD21	1.35E-12	0.300304	0.211	0.287	3.79E-08	TAM-RNA ̳FGD2
CHD91	1.35E-12	0.633286	0.413	0.479	3.79E-08	TAM-RNA ̳CHD9
CD86	1.52E-12	0.356146	0.458	0.65	4.27E-08	TAM-RNA ̳CD86
AP3B1	3.80E-12	0.650485	0.277	0.284	1.07E-07	TAM-RNA ̳AP3B1
DNAJB61	4.48E-12	0.907739	0.389	0.45	1.26E-07	TAM-RNA ̳DNAJB6
AZIN1	5.98E-12	0.375202	0.233	0.319	1.68E-07	TAM-RNA ̳AZIN1
OSBPL8	6.13E-12	0.396256	0.263	0.361	1.73E-07	TAM-RNA ̳OSBPL8
ATRX	6.17E-12	0.340837	0.274	0.379	1.74E-07	TAM-RNA ̳ATRX
NCOR1	6.22E-12	0.328045	0.247	0.342	1.75E-07	TAM-RNA ̳NCOR1
GBP21	8.76E-12	0.399149	0.306	0.414	2.46E-07	TAM-RNA ̳GBP2
RASGEF1C1	9.26E-12	0.805984	0.287	0.297	2.61E-07	TAM-RNA ̳RASGEF1C
MAT2A	9.77E-12	0.298573	0.408	0.56	2.75E-07	TAM-RNA ̳MAT2A
MICAL1	1.04E-11	0.358406	0.216	0.296	2.94E-07	TAM-RNA ̳MICAL1
BCLAF1	1.15E-11	0.308108	0.29	0.4	3.24E-07	TAM-RNA ̳BCLAF1
RHEB	1.17E-11	0.349461	0.336	0.465	3.28E-07	TAM-RNA ̳RHEB
BCL61	2.24E-11	0.3918	0.25	0.339	6.30E-07	TAM-RNA ̳BCL6
RAPH1	2.59E-11	0.711263	0.303	0.321	7.29E-07	TAM-RNA ̳RAPH1
TCF25	2.82E-11	0.346018	0.352	0.495	7.94E-07	TAM-RNA ̳TCF25
LRRK11	3.86E-11	0.668307	0.318	0.34	1.09E-06	TAM-RNA ̳LRRK1
GOLGA4	4.80E-11	0.630824	0.295	0.309	1.35E-06	TAM-RNA ̳GOLGA4
INTS61	5.38E-11	0.36486	0.243	0.33	1.51E-06	TAM-RNA ̳INTS6
NEMF	5.43E-11	0.32963	0.194	0.263	1.53E-06	TAM-RNA ̳NEMF
NLRP31	5.56E-11	0.7404	0.472	0.524	1.56E-06	TAM-RNA ̳NLRP3
UVRAG1	6.09E-11	0.632515	0.345	0.383	1.71E-06	TAM-RNA ̳UVRAG
DENND4C	9.62E-11	0.664266	0.267	0.273	2.71E-06	TAM-RNA ̳DENND4C
HSPA9	1.14E-10	0.366687	0.271	0.372	3.21E-06	TAM-RNA ̳HSPA9
ZMIZ1	1.79E-10	0.759665	0.3	0.318	5.05E-06	TAM-RNA ̳ZMIZ1
ADAM9	2.17E-10	0.319223	0.199	0.268	6.10E-06	TAM-RNA ̳ADAM9
HNRNPU	2.40E-10	0.269733	0.454	0.634	6.74E-06	TAM-RNA ̳HNRNPU
ZNF2671	2.41E-10	0.340046	0.256	0.344	6.77E-06	TAM-RNA ̳ZNF267
MALT1	3.30E-10	0.673336	0.261	0.265	9.29E-06	TAM-RNA ̳MALT1
CCDC88A	3.78E-10	0.386328	0.289	0.399	1.06E-05	TAM-RNA ̳CCDC88A
USP22	5.08E-10	0.329196	0.207	0.277	1.43E-05	TAM-RNA ̳USP22
P2RX4	5.22E-10	0.356138	0.197	0.263	1.47E-05	TAM-RNA ̳P2RX4
HIPK3	5.39E-10	0.663161	0.268	0.278	1.52E-05	TAM-RNA ̳HIPK3
KMT2E	5.74E-10	0.644311	0.376	0.433	1.61E-05	TAM-RNA ̳KMT2E
CTTNBP21	5.76E-10	0.659469	0.351	0.385	1.62E-05	TAM-RNA ̳CTTNBP2

N4BP2L2	6.48E-10	0.340423	0.314	0.431	1.82E-05	TAM-RNA	§N4BP2L2
PBRM1	6.55E-10	0.296645	0.194	0.259	1.84E-05	TAM-RNA	§PBRM1
NUFIP21	1.38E-09	0.670651	0.39	0.448	3.88E-05	TAM-RNA	§NUFIP2
APBB1IP1	3.02E-09	0.453314	0.626	0.788	8.49E-05	TAM-RNA	§APBB1IP
PMEPA11	5.34E-09	0.386476	0.269	0.362	0.00015	TAM-RNA	§PMEPA1
PTPRC	5.52E-09	0.425709	0.568	0.725	0.000155	TAM-RNA	§PTPRC
JDP22	6.30E-09	0.620482	0.48	0.577	0.000177	TAM-RNA	§JDP2
ARID1A	7.34E-09	0.381705	0.189	0.251	0.000207	TAM-RNA	§ARID1A
CREM1	7.46E-09	0.283792	0.394	0.531	0.00021	TAM-RNA	§CREM
GNB1	7.57E-09	0.675879	0.406	0.487	0.000213	TAM-RNA	§GNB1
GRASP1	7.89E-09	0.438796	0.49	0.554	0.000222	TAM-RNA	§GRASP
PCM1	8.25E-09	0.326868	0.271	0.361	0.000232	TAM-RNA	§PCM1
RAB201	1.08E-08	0.670417	0.404	0.463	0.000303	TAM-RNA	§RAB20
COPA	1.42E-08	0.377464	0.254	0.341	0.0004	TAM-RNA	§COPA
RASSF2	1.56E-08	0.402717	0.229	0.305	0.000439	TAM-RNA	§RASSF2
RB1	1.65E-08	0.338644	0.385	0.531	0.000464	TAM-RNA	§RB1
UBE2D3	1.93E-08	0.528385	0.524	0.667	0.000544	TAM-RNA	§UBE2D3
SMARCA2	1.94E-08	0.419527	0.237	0.318	0.000545	TAM-RNA	§SMARCA2
RNF2131	1.94E-08	0.626998	0.394	0.457	0.000547	TAM-RNA	§RNF213
PRRC2C	2.04E-08	0.336911	0.388	0.537	0.000573	TAM-RNA	§PRRC2C
CHMP4B1	2.66E-08	0.388921	0.26	0.349	0.000749	TAM-RNA	§CHMP4B
CDK61	3.13E-08	0.345211	0.202	0.264	0.00088	TAM-RNA	§CDK6
ARID5A1	6.97E-08	0.445112	0.282	0.376	0.001961	TAM-RNA	§ARID5A
WDFY4	1.20E-07	0.595473	0.27	0.284	0.003387	TAM-RNA	§WDFY4
RSRP1	1.30E-07	0.336061	0.329	0.439	0.003669	TAM-RNA	§RSRP1
SRSF11	1.31E-07	0.354714	0.343	0.468	0.00368	TAM-RNA	§SRSF11
TSPAN14	1.52E-07	0.460456	0.249	0.331	0.004278	TAM-RNA	§TSPAN14
RNF144B	1.75E-07	0.919332	0.286	0.308	0.004928	TAM-RNA	§RNF144B
HNRNPA2B	1.76E-07	0.332986	0.661	0.828	0.00496	TAM-RNA	§HNRNPA2B1
CD55	1.82E-07	0.441241	0.273	0.36	0.005118	TAM-RNA	§CD55
STX41	1.93E-07	0.502902	0.239	0.313	0.005418	TAM-RNA	§STX4
FUS	2.07E-07	0.511491	0.495	0.621	0.005812	TAM-RNA	§FUS
TNRC6B	2.73E-07	0.645469	0.282	0.304	0.007675	TAM-RNA	§TNRC6B
SAMSN1	2.80E-07	0.593693	0.51	0.609	0.007867	TAM-RNA	§SAMSN1
ARHGAP18	2.90E-07	0.44581	0.243	0.326	0.008155	TAM-RNA	§ARHGAP18
PPP3R1	3.67E-07	0.599516	0.256	0.265	0.010315	TAM-RNA	§PPP3R1
UGCG	4.13E-07	0.442584	0.194	0.253	0.011626	TAM-RNA	§UGCG
SLC39A10	4.17E-07	0.330051	0.195	0.252	0.011725	TAM-RNA	§SLC39A10
FMNL3	4.26E-07	0.584788	0.382	0.443	0.011986	TAM-RNA	§FMNL3
TGFBR1	5.46E-07	0.407845	0.332	0.444	0.015366	TAM-RNA	§TGFBR1
RBPJ	5.56E-07	0.44557	0.259	0.344	0.015642	TAM-RNA	§RBPJ
VMP1	5.95E-07	0.59734	0.389	0.458	0.016748	TAM-RNA	§VMP1
SARNP	7.07E-07	0.40258	0.206	0.27	0.019881	TAM-RNA	§SARNP
ZFAND6	8.05E-07	0.63633	0.27	0.29	0.022664	TAM-RNA	§ZFAND6
CELF1	9.05E-07	0.573757	0.245	0.255	0.025455	TAM-RNA	§CELF1
ITPRIP1	1.08E-06	0.395143	0.241	0.313	0.030332	TAM-RNA	§ITPRIP
TUT7	1.34E-06	0.627177	0.3	0.327	0.037797	TAM-RNA	§TUT7

LUC7L3	1.49E-06	0.349735	0.219	0.284	0.041957	TAM-RNA	⊆	LUC7L3
BBX	1.69E-06	0.38816	0.193	0.25	0.047643	TAM-RNA	⊆	BBX
GNG71	2.11E-06	0.662344	0.378	0.443	0.059496	TAM-RNA	⊆	GNG7
ELF2	2.88E-06	0.686056	0.282	0.307	0.081159	TAM-RNA	⊆	ELF2
RCC2	3.05E-06	0.659973	0.32	0.36	0.085713	TAM-RNA	⊆	RCC2
MAPKAP1	3.22E-06	0.598209	0.241	0.252	0.090532	TAM-RNA	⊆	MAPKAP1
TPM41	3.69E-06	0.475555	0.322	0.431	0.103724	TAM-RNA	⊆	TPM4
CTTNBP2NL	3.96E-06	0.38688	0.288	0.379	0.111499	TAM-RNA	⊆	CTTNBP2NL
FLI11	4.53E-06	0.654496	0.268	0.287	0.127363	TAM-RNA	⊆	FLI1
CSF3R	4.53E-06	0.331518	0.414	0.569	0.127408	TAM-RNA	⊆	CSF3R
JAK1	4.90E-06	0.453445	0.337	0.456	0.137822	TAM-RNA	⊆	JAK1
ROCK1	5.55E-06	0.621079	0.375	0.443	0.156136	TAM-RNA	⊆	ROCK1
LITAF	7.31E-06	0.521399	0.337	0.454	0.205654	TAM-RNA	⊆	LITAF
SYAP11	7.54E-06	0.735323	0.343	0.381	0.212063	TAM-RNA	⊆	SYAP1
PUM2	8.27E-06	0.544381	0.246	0.258	0.232685	TAM-RNA	⊆	PUM2
RBM25	1.04E-05	0.375983	0.328	0.439	0.291863	TAM-RNA	⊆	RBM25
UBE2E1	1.32E-05	0.674101	0.298	0.331	0.371721	TAM-RNA	⊆	UBE2E1
CNOT2	1.64E-05	0.423225	0.221	0.285	0.461208	TAM-RNA	⊆	CNOT2
LPIN2	2.14E-05	0.41475	0.28	0.367	0.603082	TAM-RNA	⊆	LPIN2
NFKBIZ1	2.18E-05	0.344209	0.421	0.543	0.614016	TAM-RNA	⊆	NFKBIZ
PER11	2.51E-05	0.458082	0.474	0.579	0.707474	TAM-RNA	⊆	PER1
DYNC1H1	2.56E-05	0.420698	0.275	0.357	0.719242	TAM-RNA	⊆	DYNC1H1
WAC	3.12E-05	0.633402	0.286	0.317	0.876579	TAM-RNA	⊆	WAC
SPATA131	3.19E-05	0.545514	0.372	0.43	0.897932	TAM-RNA	⊆	SPATA13
RC3H1	3.84E-05	0.549965	0.287	0.314	1	TAM-RNA	⊆	RC3H1
FNDC3A	3.93E-05	0.640607	0.313	0.352	1	TAM-RNA	⊆	FNDC3A
SRSF4	4.03E-05	0.373687	0.249	0.321	1	TAM-RNA	⊆	SRSF4
RASSF51	4.43E-05	0.445399	0.287	0.376	1	TAM-RNA	⊆	RASSF5
STK4	4.70E-05	0.382448	0.342	0.456	1	TAM-RNA	⊆	STK4
PHIP	5.24E-05	0.379707	0.225	0.286	1	TAM-RNA	⊆	PHIP
NPL	6.29E-05	0.621615	0.305	0.34	1	TAM-RNA	⊆	NPL
MKNK1	7.00E-05	0.35986	0.259	0.333	1	TAM-RNA	⊆	MKNK1
ITFG1	8.48E-05	0.603448	0.244	0.262	1	TAM-RNA	⊆	ITFG1
PRDM11	8.84E-05	0.425446	0.284	0.36	1	TAM-RNA	⊆	PRDM1
NCK21	0.000101	0.624762	0.33	0.378	1	TAM-RNA	⊆	NCK2
FNIP1	0.000109	0.597748	0.292	0.328	1	TAM-RNA	⊆	FNIP1
RBM6	0.000123	0.581648	0.286	0.317	1	TAM-RNA	⊆	RBM6
ATM1	0.000172	0.576894	0.341	0.392	1	TAM-RNA	⊆	ATM
7-Mar	0.000228	0.366921	0.218	0.275	1	TAM-RNA	⊆	7-Mar
PDS5A	0.00024	0.521421	0.265	0.288	1	TAM-RNA	⊆	PDS5A
SMG1	0.000249	0.496157	0.239	0.253	1	TAM-RNA	⊆	SMG1
SOAT1	0.000273	0.513887	0.266	0.346	1	TAM-RNA	⊆	SOAT1
PPP1CB	0.000289	0.441836	0.201	0.253	1	TAM-RNA	⊆	PPP1CB
MIS18BP1	0.000309	0.527879	0.368	0.489	1	TAM-RNA	⊆	MIS18BP1
TRA2A	0.000359	0.575716	0.29	0.323	1	TAM-RNA	⊆	TRA2A
PARVB	0.000396	0.653175	0.268	0.296	1	TAM-RNA	⊆	PARVB
SETX	0.00045	0.403015	0.239	0.302	1	TAM-RNA	⊆	SETX

PARP14	0.000451	0.42892	0.23	0.289	1 TAM-RNA 5PARP14
ETNK1	0.000464	0.411973	0.24	0.304	1 TAM-RNA 5ETNK1
WNK1	0.000485	0.555694	0.274	0.302	1 TAM-RNA 5WNK1
MAP3K51	0.000508	0.6057	0.254	0.276	1 TAM-RNA 5MAP3K5
TENT2	0.000529	0.517892	0.246	0.265	1 TAM-RNA 5TENT2
VASH1	0.00063	0.370724	0.367	0.48	1 TAM-RNA 5VASH1
ITSN2	0.000685	0.415714	0.275	0.355	1 TAM-RNA 5ITSN2
SLCO2B11	0.000724	0.542546	0.448	0.553	1 TAM-RNA 5SLCO2B1
TBC1D14	0.000776	0.655151	0.255	0.278	1 TAM-RNA 5TBC1D14
FAM102B	0.001169	0.563933	0.249	0.269	1 TAM-RNA 5FAM102B
UBL3	0.001185	0.443995	0.286	0.371	1 TAM-RNA 5UBL3
ARGLU1	0.001241	0.389127	0.367	0.485	1 TAM-RNA 5ARGLU1
RNF149	0.001403	0.399921	0.427	0.574	1 TAM-RNA 5RNF149
EPS8	0.001416	0.6508	0.324	0.378	1 TAM-RNA 5EPS8
RAP1A	0.001467	0.540161	0.434	0.552	1 TAM-RNA 5RAP1A
BAZ1A	0.001518	0.457348	0.226	0.283	1 TAM-RNA 5BAZ1A
LPCAT21	0.00154	0.433874	0.526	0.669	1 TAM-RNA 5LPCAT2
ARL8B	0.001587	0.649348	0.294	0.335	1 TAM-RNA 5ARL8B
NT5C2	0.001696	0.543651	0.252	0.274	1 TAM-RNA 5NT5C2
SLA	0.001778	0.469953	0.329	0.432	1 TAM-RNA 5SLA
RFX21	0.001797	0.547149	0.273	0.298	1 TAM-RNA 5RFX2
TANK	0.002542	0.818326	0.275	0.309	1 TAM-RNA 5TANK
JAK21	0.003396	0.566604	0.266	0.295	1 TAM-RNA 5JAK2
HIVEP2	0.003413	0.649087	0.272	0.303	1 TAM-RNA 5HIVEP2
CLK11	0.00343	0.439404	0.306	0.393	1 TAM-RNA 5CLK1
BCL2	0.00377	0.636033	0.318	0.366	1 TAM-RNA 5BCL2
CEP350	0.003796	0.574781	0.319	0.37	1 TAM-RNA 5CEP350
SENP6	0.003885	0.544155	0.282	0.318	1 TAM-RNA 5SENP6
ADAM10	0.004082	0.435043	0.278	0.355	1 TAM-RNA 5ADAM10
PHF20	0.004502	0.593085	0.336	0.398	1 TAM-RNA 5PHF20
MAPKAPK2	0.004545	0.60935	0.249	0.276	1 TAM-RNA 5MAPKAPK2
GRB2	0.004764	0.453306	0.463	0.591	1 TAM-RNA 5GRB2
MYO1F	0.005396	0.508329	0.3	0.386	1 TAM-RNA 5MYO1F
BASP11	0.005553	0.696383	0.464	0.57	1 TAM-RNA 5BASP1
AXL	0.006064	0.519227	0.286	0.368	1 TAM-RNA 5AXL
ATP1A1	0.00725	0.546498	0.319	0.415	1 TAM-RNA 5ATP1A1
MTRNR2L1	0.007329	0.811798	0.407	0.506	1 TAM-RNA 5MTRNR2L12
TLR2	0.00876	0.461608	0.395	0.52	1 TAM-RNA 5TLR2
ILF3	0.008917	0.437394	0.242	0.302	1 TAM-RNA 5ILF3
ZNF638	0.009094	0.507281	0.264	0.293	1 TAM-RNA 5ZNF638
TAB2	0.009662	0.536327	0.369	0.445	1 TAM-RNA 5TAB2
ELOVL5	0.009797	0.596684	0.23	0.286	1 TAM-RNA 5ELOVL5
SH3TC1	0.009879	0.598824	0.352	0.42	1 TAM-RNA 5SH3TC1
CD1631	0	1.584902	0.85	0.317	0 TAM-APCII CD163
SELENOP	0	1.016063	0.369	0.146	0 TAM-APCII SELENOP
FCGR2B	0	1.00346	0.484	0.122	0 TAM-APCII FCGR2B
CXCR41	0	0.980193	0.765	0.443	0 TAM-APCII CXCR4

LYZ	0	0.925335	0.665	0.245	0	TAM-APCII LYZ
ANXA1	0	0.920853	0.642	0.326	0	TAM-APCII ANXA1
CLEC4E	0	0.91988	0.379	0.068	0	TAM-APCII CLEC4E
HLA-DRB11	0	0.909046	0.989	0.904	0	TAM-APCII HLA-DRB1
HLA-DPB1	0	0.90219	0.967	0.795	0	TAM-APCII HLA-DPB1
HLA-DPA11	0	0.900688	0.983	0.871	0	TAM-APCII HLA-DPA1
TGFBI	0	0.894816	0.52	0.137	0	TAM-APCII TGFBI
SAP30	0	0.861492	0.647	0.328	0	TAM-APCII SAP30
APOC11	0	0.837808	0.947	0.774	0	TAM-APCII APOC1
HLA-DRA	0	0.827751	0.991	0.923	0	TAM-APCII HLA-DRA
VIM	0	0.805601	0.762	0.392	0	TAM-APCII VIM
APOE1	0	0.791228	0.989	0.917	0	TAM-APCII APOE
HLA-DQA1	0	0.772978	0.892	0.63	0	TAM-APCII HLA-DQA1
F13A1	0	0.721979	0.422	0.131	0	TAM-APCII F13A1
NAMPT1	0	0.721157	0.779	0.528	0	TAM-APCII NAMPT
AHR	0	0.71629	0.387	0.135	0	TAM-APCII AHR
MCTP1	0	0.709535	0.438	0.174	0	TAM-APCII MCTP1
CST31	0	0.70869	0.985	0.897	0	TAM-APCII CST3
ZFP36L2	0	0.707524	0.959	0.836	0	TAM-APCII ZFP36L2
FXYS5	0	0.70739	0.837	0.552	0	TAM-APCII FXYS5
CALHM6	0	0.695233	0.545	0.25	0	TAM-APCII CALHM6
BTG1	0	0.659578	0.934	0.748	0	TAM-APCII BTG1
AHNAK	0	0.654618	0.473	0.171	0	TAM-APCII AHNAK
C1QA1	0	0.647172	0.976	0.875	0	TAM-APCII C1QA
CD741	0	0.62265	1	0.99	0	TAM-APCII CD74
AREG	0	0.616674	0.349	0.144	0	TAM-APCII AREG
MS4A6A1	0	0.613341	0.812	0.525	0	TAM-APCII MS4A6A
CHPT1	0	0.613269	0.434	0.191	0	TAM-APCII CHPT1
ALOX15B	0	0.584709	0.284	0.093	0	TAM-APCII ALOX15B
CD9	0	0.564656	0.37	0.136	0	TAM-APCII CD9
FILIP1L	0	0.555551	0.504	0.256	0	TAM-APCII FILIP1L
IQGAP2	0	0.488165	0.33	0.119	0	TAM-APCII IQGAP2
ITGA4	0	0.425565	0.259	0.075	0	TAM-APCII ITGA4
GAPT	0	0.389847	0.256	0.085	0	TAM-APCII GAPT
CADM1	0	0.386146	0.278	0.107	0	TAM-APCII CADM1
HLA-DQB1:	4.50E-296	0.559762	0.918	0.729	1.27E-291	TAM-APCII HLA-DQB1
MS4A4A1	3.46E-295	0.51892	0.612	0.364	9.75E-291	TAM-APCII MS4A4A
GPR1831	4.81E-291	0.701025	0.827	0.634	1.35E-286	TAM-APCII GPR183
CD14	2.99E-282	0.646828	0.843	0.63	8.41E-278	TAM-APCII CD14
RPS181	2.10E-277	0.408132	0.982	0.901	5.92E-273	TAM-APCII RPS18
SAT11	2.27E-276	0.439895	0.998	0.969	6.40E-272	TAM-APCII SAT1
TXNIP	2.85E-255	0.651384	0.532	0.317	8.01E-251	TAM-APCII TXNIP
HLA-DMA1	3.36E-255	0.461288	0.894	0.7	9.45E-251	TAM-APCII HLA-DMA
RPL121	1.22E-251	0.380377	0.98	0.887	3.43E-247	TAM-APCII RPL12
CFD	1.95E-250	0.530882	0.572	0.349	5.50E-246	TAM-APCII CFD
C1orf162	5.96E-250	0.475706	0.769	0.541	1.68E-245	TAM-APCII C1orf162
RPL321	2.45E-248	0.354669	0.987	0.904	6.90E-244	TAM-APCII RPL32

FGL2	5.71E-247	0.502719	0.635	0.41	1.61E-242	TAM-APCii FGL2
RPL281	8.88E-246	0.365406	0.987	0.916	2.50E-241	TAM-APCii RPL28
APOO1	4.43E-244	0.444535	0.494	0.269	1.25E-239	TAM-APCii APOO
TYROBP1	8.42E-236	0.33658	0.99	0.906	2.37E-231	TAM-APCii TYROBP
RPS121	1.80E-232	0.350131	0.981	0.912	5.05E-228	TAM-APCii RPS12
HLA-A	3.80E-232	0.453227	0.959	0.831	1.07E-227	TAM-APCii HLA-A
RPL361	5.19E-232	0.372137	0.962	0.827	1.46E-227	TAM-APCii RPL36
TNFSF131	3.19E-229	0.378207	0.547	0.329	8.99E-225	TAM-APCii TNFSF13
CEBPD1	1.61E-226	0.447373	0.975	0.865	4.52E-222	TAM-APCii CEBPD
DSE	2.19E-226	0.414244	0.667	0.442	6.17E-222	TAM-APCii DSE
RPL261	6.76E-217	0.34396	0.972	0.882	1.90E-212	TAM-APCii RPL26
RGS12	3.83E-215	0.405333	0.964	0.834	1.08E-210	TAM-APCii RGS1
ATP1B31	1.22E-213	0.421602	0.702	0.487	3.43E-209	TAM-APCii ATP1B3
AKR1B11	4.29E-212	0.404438	0.666	0.455	1.21E-207	TAM-APCii AKR1B1
MS4A71	3.19E-208	0.393713	0.873	0.677	8.99E-204	TAM-APCii MS4A7
CPM1	5.52E-207	0.486237	0.453	0.265	1.55E-202	TAM-APCii CPM
EPB41L31	4.70E-205	0.375353	0.548	0.346	1.32E-200	TAM-APCii EPB41L3
ARHGAP18	1.36E-203	0.355283	0.508	0.309	3.82E-199	TAM-APCii ARHGAP18
METRNL	1.86E-203	0.369703	0.361	0.186	5.23E-199	TAM-APCii METRNL
RPL291	3.47E-202	0.327825	0.977	0.874	9.75E-198	TAM-APCii RPL29
KLF41	1.69E-200	0.521827	0.705	0.498	4.76E-196	TAM-APCii KLF4
RPL301	3.89E-200	0.322936	0.978	0.889	1.09E-195	TAM-APCii RPL30
HLA-DMB1	1.60E-198	0.384779	0.743	0.53	4.51E-194	TAM-APCii HLA-DMB
NPC21	1.27E-196	0.36059	0.947	0.796	3.56E-192	TAM-APCii NPC2
LGALS3BP	5.14E-196	0.501499	0.338	0.176	1.45E-191	TAM-APCii LGALS3BP
HERPUD11	2.99E-195	0.478086	0.87	0.695	8.40E-191	TAM-APCii HERPUD1
CTSS	3.05E-194	0.366283	0.804	0.612	8.57E-190	TAM-APCii CTSS
RPL131	8.46E-193	0.301912	0.992	0.933	2.38E-188	TAM-APCii RPL13
CHCHD10	6.74E-192	0.362737	0.682	0.471	1.90E-187	TAM-APCii CHCHD10
RGS21	2.69E-191	0.520542	0.753	0.553	7.56E-187	TAM-APCii RGS2
ATF31	1.36E-190	0.532904	0.775	0.573	3.83E-186	TAM-APCii ATF3
VAMP5	2.42E-188	0.341247	0.288	0.141	6.80E-184	TAM-APCii VAMP5
GRN	6.26E-188	0.392011	0.834	0.659	1.76E-183	TAM-APCii GRN
RNF144B1	3.09E-187	0.440597	0.483	0.296	8.69E-183	TAM-APCii RNF144B
RPS281	5.12E-187	0.314213	0.975	0.873	1.44E-182	TAM-APCii RPS28
HMGB2	9.80E-187	0.388932	0.44	0.259	2.76E-182	TAM-APCii HMGB2
ZFAND51	3.77E-186	0.593345	0.682	0.489	1.06E-181	TAM-APCii ZFAND5
SIPA1L11	7.78E-185	0.284022	0.779	0.551	2.19E-180	TAM-APCii SIPA1L1
CREB5	9.95E-185	0.392296	0.281	0.137	2.80E-180	TAM-APCii CREB5
PTMA1	1.46E-184	0.306944	0.986	0.902	4.11E-180	TAM-APCii PTMA
IQGAP1	6.05E-183	0.290293	0.479	0.286	1.70E-178	TAM-APCii IQGAP1
UTRN1	6.84E-183	0.290593	0.489	0.293	1.93E-178	TAM-APCii UTRN
RPL351	1.18E-182	0.329754	0.939	0.79	3.33E-178	TAM-APCii RPL35
MSR12	5.12E-182	0.321715	0.786	0.566	1.44E-177	TAM-APCii MSR1
PLBD1	5.61E-182	0.25726	0.269	0.128	1.58E-177	TAM-APCii PLBD1
RPL341	5.99E-182	0.298977	0.978	0.875	1.69E-177	TAM-APCii RPL34
RPL101	2.20E-180	0.303935	0.993	0.944	6.20E-176	TAM-APCii RPL10

RPS4X1	6.25E-180	0.311628	0.96	0.849	1.76E-175	TAM-APCii	RPS4X
FAM110B	3.19E-179	0.289579	0.32	0.165	8.98E-175	TAM-APCii	FAM110B
RPS151	6.61E-176	0.289479	0.982	0.888	1.86E-171	TAM-APCii	RPS15
CARD16	2.00E-175	0.288977	0.324	0.169	5.63E-171	TAM-APCii	CARD16
RPS27	1.90E-174	0.3211	0.975	0.872	5.34E-170	TAM-APCii	RPS27
RACK11	2.36E-174	0.325317	0.952	0.816	6.65E-170	TAM-APCii	RACK1
RPS141	2.15E-173	0.298799	0.974	0.88	6.05E-169	TAM-APCii	RPS14
ATP2B1-AS	2.85E-173	0.435734	0.689	0.491	8.01E-169	TAM-APCii	ATP2B1-AS1
RPS15A1	3.19E-173	0.288943	0.976	0.883	8.97E-169	TAM-APCii	RPS15A
AP1S2	1.12E-172	0.303635	0.362	0.2	3.16E-168	TAM-APCii	AP1S2
RPL111	1.25E-171	0.28867	0.98	0.896	3.51E-167	TAM-APCii	RPL11
RPS251	3.42E-171	0.297966	0.962	0.843	9.62E-167	TAM-APCii	RPS25
ZBTB161	3.36E-170	0.334113	0.553	0.354	9.46E-166	TAM-APCii	ZBTB16
LTA4H	2.84E-169	0.297128	0.399	0.23	8.00E-165	TAM-APCii	LTA4H
ASAH1	7.38E-168	0.336773	0.851	0.664	2.08E-163	TAM-APCii	ASAH1
IFITM3	7.15E-167	0.430156	0.672	0.453	2.01E-162	TAM-APCii	IFITM3
EVI2B	5.18E-166	0.329798	0.594	0.401	1.46E-161	TAM-APCii	EVI2B
TKT1	4.70E-163	0.321565	0.578	0.39	1.32E-158	TAM-APCii	TKT
TLR21	3.77E-162	0.316154	0.704	0.5	1.06E-157	TAM-APCii	TLR2
SESN11	1.57E-157	0.389818	0.465	0.291	4.41E-153	TAM-APCii	SESN1
SERPINA1	7.11E-156	0.311676	0.733	0.532	2.00E-151	TAM-APCii	SERPINA1
FPR3	5.48E-155	0.268022	0.337	0.184	1.54E-150	TAM-APCii	FPR3
GSTP11	1.18E-154	0.294162	0.766	0.57	3.31E-150	TAM-APCii	GSTP1
EEF1A1	1.21E-154	0.293731	0.994	0.962	3.39E-150	TAM-APCii	EEF1A1
CD3021	1.75E-154	0.299266	0.754	0.562	4.94E-150	TAM-APCii	CD302
SGK12	1.54E-153	0.307285	0.968	0.856	4.33E-149	TAM-APCii	SGK1
DAB2	3.74E-152	0.352486	0.404	0.243	1.05E-147	TAM-APCii	DAB2
ZFP361	5.21E-152	0.345665	0.982	0.928	1.47E-147	TAM-APCii	ZFP36
RPS231	3.48E-150	0.26615	0.983	0.905	9.80E-146	TAM-APCii	RPS23
HEXA	1.00E-149	0.294129	0.619	0.432	2.82E-145	TAM-APCii	HEXA
RPL37	1.70E-149	0.276149	0.974	0.864	4.78E-145	TAM-APCii	RPL37
MGAT1	9.89E-149	0.309583	0.682	0.488	2.78E-144	TAM-APCii	MGAT1
FAU1	3.53E-148	0.261994	0.975	0.875	9.93E-144	TAM-APCii	FAU
RPL37A	8.65E-148	0.31002	0.929	0.771	2.43E-143	TAM-APCii	RPL37A
RPS131	1.29E-147	0.26655	0.969	0.881	3.64E-143	TAM-APCii	RPS13
CMSS1	1.69E-147	0.299795	0.393	0.234	4.74E-143	TAM-APCii	CMSS1
FTH11	1.26E-146	0.251689	0.998	0.983	3.54E-142	TAM-APCii	FTH1
IFITM2	1.48E-146	0.308942	0.706	0.509	4.16E-142	TAM-APCii	IFITM2
RPL18A1	6.88E-146	0.267674	0.973	0.877	1.93E-141	TAM-APCii	RPL18A
VAMP81	1.25E-145	0.272312	0.713	0.514	3.51E-141	TAM-APCii	VAMP8
BTF31	2.94E-144	0.295338	0.869	0.696	8.28E-140	TAM-APCii	BTF3
RPL141	1.22E-143	0.265321	0.966	0.849	3.43E-139	TAM-APCii	RPL14
RPL191	5.65E-142	0.255207	0.981	0.901	1.59E-137	TAM-APCii	RPL19
DUSP62	6.67E-142	0.484961	0.437	0.279	1.88E-137	TAM-APCii	DUSP6
RPL391	8.37E-142	0.259759	0.977	0.877	2.36E-137	TAM-APCii	RPL39
CTSH	1.93E-141	0.294676	0.717	0.533	5.44E-137	TAM-APCii	CTSH
PTGER41	1.93E-140	0.341454	0.545	0.364	5.43E-136	TAM-APCii	PTGER4

RPL36A	3.39E-140	0.291125	0.917	0.754	9.54E-136	TAM-APCii	RPL36A
HIGD2A1	2.27E-139	0.29002	0.601	0.421	6.38E-135	TAM-APCii	HIGD2A
RPL38	4.71E-139	0.309294	0.821	0.637	1.33E-134	TAM-APCii	RPL38
HCLS11	5.53E-139	0.288796	0.919	0.783	1.56E-134	TAM-APCii	HCLS1
RPS211	9.04E-139	0.278688	0.936	0.797	2.54E-134	TAM-APCii	RPS21
LRRK2	5.50E-137	0.271117	0.35	0.203	1.55E-132	TAM-APCii	LRRK2
ATP5MC21	1.40E-135	0.267252	0.884	0.712	3.94E-131	TAM-APCii	ATP5MC2
RPL35A1	4.32E-135	0.274624	0.943	0.815	1.22E-130	TAM-APCii	RPL35A
CLEC2B	1.79E-131	0.270484	0.467	0.303	5.03E-127	TAM-APCii	CLEC2B
FCGR2A	6.39E-130	0.278118	0.803	0.617	1.80E-125	TAM-APCii	FCGR2A
MAFB1	5.15E-128	0.457888	0.757	0.587	1.45E-123	TAM-APCii	MAFB
FCGRT1	8.97E-123	0.289588	0.858	0.701	2.52E-118	TAM-APCii	FCGRT
RPL27A	2.36E-122	0.26661	0.749	0.572	6.63E-118	TAM-APCii	RPL27A
YPEL3	2.83E-122	0.273082	0.61	0.432	7.95E-118	TAM-APCii	YPEL3
C1QC1	1.27E-121	0.338587	0.976	0.898	3.58E-117	TAM-APCii	C1QC
IL10	2.69E-121	0.42335	0.25	0.134	7.58E-117	TAM-APCii	IL10
BRI31	3.90E-121	0.261735	0.685	0.512	1.10E-116	TAM-APCii	BRI3
IL18	4.26E-121	0.295508	0.749	0.581	1.20E-116	TAM-APCii	IL18
RPS61	5.29E-121	0.264819	0.967	0.878	1.49E-116	TAM-APCii	RPS6
RPS2	3.24E-120	0.250488	0.964	0.846	9.12E-116	TAM-APCii	RPS2
HLA-C	1.08E-119	0.353287	0.952	0.822	3.03E-115	TAM-APCii	HLA-C
AC004817.	2.12E-119	0.348749	0.287	0.162	5.96E-115	TAM-APCii	AC004817.3
RASSF4	3.40E-119	0.258896	0.659	0.477	9.58E-115	TAM-APCii	RASSF4
RPL81	3.98E-118	0.251232	0.957	0.847	1.12E-113	TAM-APCii	RPL8
CD68	6.81E-118	0.276103	0.864	0.697	1.92E-113	TAM-APCii	CD68
RIPK2	8.77E-117	0.298478	0.376	0.236	2.47E-112	TAM-APCii	RIPK2
RPS29	2.68E-115	0.270245	0.814	0.644	7.55E-111	TAM-APCii	RPS29
RPL31	1.77E-113	0.25105	0.834	0.66	4.97E-109	TAM-APCii	RPL31
PNRC11	4.18E-113	0.267395	0.96	0.846	1.18E-108	TAM-APCii	PNRC1
GAS5	1.01E-112	0.26706	0.583	0.422	2.85E-108	TAM-APCii	GAS5
TAOK32	1.04E-109	0.256881	0.604	0.443	2.92E-105	TAM-APCii	TAOK3
PRKAG2-AS	1.26E-109	0.253798	0.258	0.145	3.55E-105	TAM-APCii	PRKAG2-AS1
EEF1G1	2.03E-108	0.261207	0.84	0.686	5.72E-104	TAM-APCii	EEF1G
TANK1	2.43E-108	0.264912	0.443	0.299	6.84E-104	TAM-APCii	TANK
KLF62	1.56E-107	0.282501	0.974	0.891	4.38E-103	TAM-APCii	KLF6
RHOB2	1.25E-105	0.266887	0.948	0.819	3.51E-101	TAM-APCii	RHOB
CTSD1	1.55E-101	0.265023	0.82	0.659	4.35E-97	TAM-APCii	CTSD
2-Jun	1.79E-99	0.354061	0.955	0.858	5.04E-95	TAM-APCii	JUN
RPS261	4.63E-97	0.273898	0.932	0.807	1.30E-92	TAM-APCii	RPS26
IFI30	2.52E-95	0.252645	0.832	0.682	7.09E-91	TAM-APCii	IFI30
PLTP1	1.38E-94	0.421216	0.329	0.207	3.89E-90	TAM-APCii	PLTP
NFKBIZ2	6.78E-94	0.291776	0.68	0.526	1.91E-89	TAM-APCii	NFKBIZ
TNFAIP32	3.35E-89	0.519038	0.662	0.545	9.41E-85	TAM-APCii	TNFAIP3
C1QB1	1.22E-88	0.273681	0.973	0.888	3.44E-84	TAM-APCii	C1QB
AC004448.	3.23E-84	0.440901	0.328	0.213	9.10E-80	TAM-APCii	AC004448.2
AL078590.	9.18E-76	0.257553	0.574	0.432	2.58E-71	TAM-APCii	AL078590.2
C5AR11	5.20E-74	0.256392	0.663	0.512	1.46E-69	TAM-APCii	C5AR1

HCST	1.31E-70	0.252009	0.668	0.537	3.68E-66	TAM-APCII HCST
IER22	2.56E-69	0.271496	0.925	0.829	7.20E-65	TAM-APCII IER2
CXCL82	4.85E-69	0.348208	0.634	0.497	1.36E-64	TAM-APCII CXCL8
CITED22	9.80E-42	0.304963	0.605	0.497	2.76E-37	TAM-APCII CITED2
HLA-DRB51	2.63E-15	0.339585	0.753	0.69	7.40E-11	TAM-APCII HLA-DRB5
AREG1	0	3.697971	0.779	0.124	0	cDC2 AREG
VIM1	0	2.285429	0.928	0.387	0	cDC2 VIM
S100A6	0	1.688561	0.709	0.159	0	cDC2 S100A6
HLA-DQA1:	0	1.590423	0.913	0.632	0	cDC2 HLA-DQA1
HLA-DPB11	0	1.582436	0.97	0.796	0	cDC2 HLA-DPB1
AFF3	0	1.556469	0.451	0.042	0	cDC2 AFF3
FCER1A	0	1.533234	0.357	0.014	0	cDC2 FCER1A
LYZ1	0	1.462113	0.725	0.247	0	cDC2 LYZ
EREG	0	1.411844	0.261	0.027	0	cDC2 EREG
HLA-DPA12	0	1.358449	0.984	0.872	0	cDC2 HLA-DPA1
HLA-DQB1:	0	1.322483	0.956	0.729	0	cDC2 HLA-DQB1
S100A10	0	1.2801	0.511	0.09	0	cDC2 S100A10
LSP1	0	1.278713	0.691	0.28	0	cDC2 LSP1
HLA-DRB12	0	1.260839	0.99	0.905	0	cDC2 HLA-DRB1
RGCC1	0	1.257457	0.627	0.259	0	cDC2 RGCC
DUSP5	0	1.234967	0.405	0.134	0	cDC2 DUSP5
IL1R2	0	1.209999	0.285	0.036	0	cDC2 IL1R2
FCGR2B1	0	1.186672	0.528	0.124	0	cDC2 FCGR2B
HLA-DRA1	0	1.183182	0.993	0.924	0	cDC2 HLA-DRA
CD44	0	1.182859	0.512	0.116	0	cDC2 CD44
CXCR42	0	1.18019	0.801	0.444	0	cDC2 CXCR4
S100A4	0	1.170435	0.648	0.27	0	cDC2 S100A4
CYTIP	0	1.131436	0.518	0.168	0	cDC2 CYTIP
IFITM21	0	1.114392	0.762	0.508	0	cDC2 IFITM2
METRNL1	0	1.10913	0.568	0.178	0	cDC2 METRNL
CRYBG1	0	1.104452	0.374	0.076	0	cDC2 CRYBG1
STK17B1	0	1.102061	0.725	0.385	0	cDC2 STK17B
FLT3	0	1.100458	0.339	0.015	0	cDC2 FLT3
CHPT11	0	1.090063	0.54	0.188	0	cDC2 CHPT1
CLEC10A	0	1.057247	0.269	0.012	0	cDC2 CLEC10A
AHNAK1	0	1.037007	0.584	0.169	0	cDC2 AHNAK
FXYS1	0	0.979086	0.841	0.555	0	cDC2 FXYS
CALHM61	0	0.961521	0.583	0.251	0	cDC2 CALHM6
ISG20	0	0.960822	0.396	0.082	0	cDC2 ISG20
ANXA11	0	0.958337	0.69	0.327	0	cDC2 ANXA1
MS4A4E	0	0.957622	0.389	0.1	0	cDC2 MS4A4E
ANXA2	0	0.94498	0.426	0.087	0	cDC2 ANXA2
MS4A6A2	0	0.929551	0.796	0.528	0	cDC2 MS4A6A
CST32	0	0.92226	0.975	0.898	0	cDC2 CST3
GPAT3	0	0.921115	0.36	0.063	0	cDC2 GPAT3
C1orf1621	0	0.907099	0.804	0.542	0	cDC2 C1orf162
CD551	0	0.895805	0.66	0.339	0	cDC2 CD55

CNN2	0	0.890453	0.326	0.029	0 cDC2	CNN2
EMP3	0	0.878963	0.61	0.283	0 cDC2	EMP3
JAML	0	0.871903	0.329	0.029	0 cDC2	JAML
RPS182	0	0.86905	0.979	0.902	0 cDC2	RPS18
CD1632	0	0.865283	0.677	0.331	0 cDC2	CD163
GAPT1	0	0.865221	0.366	0.081	0 cDC2	GAPT
RGS22	0	0.861906	0.796	0.553	0 cDC2	RGS2
LRRFIP1	0	0.86021	0.788	0.517	0 cDC2	LRRFIP1
GPR1832	0	0.845849	0.841	0.635	0 cDC2	GPR183
AHR1	0	0.836113	0.424	0.135	0 cDC2	AHR
SAP301	0	0.824812	0.586	0.334	0 cDC2	SAP30
RPL282	0	0.813701	0.986	0.916	0 cDC2	RPL28
RPS142	0	0.803257	0.977	0.881	0 cDC2	RPS14
CKLF1	0	0.794778	0.621	0.365	0 cDC2	CKLF
RPL322	0	0.792881	0.982	0.905	0 cDC2	RPL32
RPL302	0	0.785668	0.976	0.89	0 cDC2	RPL30
RPS122	0	0.780497	0.986	0.912	0 cDC2	RPS12
LITAF1	0	0.78013	0.705	0.433	0 cDC2	LITAF
IFI301	0	0.77671	0.876	0.681	0 cDC2	IFI30
RPL18A2	0	0.773117	0.976	0.878	0 cDC2	RPL18A
TMSB101	0	0.772945	0.982	0.922	0 cDC2	TMSB10
RPL82	0	0.758657	0.958	0.848	0 cDC2	RPL8
RPL262	0	0.746651	0.97	0.883	0 cDC2	RPL26
RPL122	0	0.742078	0.972	0.889	0 cDC2	RPL12
RIPK21	0	0.739121	0.485	0.232	0 cDC2	RIPK2
RPS271	0	0.734621	0.966	0.873	0 cDC2	RPS27
APOO2	0	0.734404	0.55	0.269	0 cDC2	APOO
ARL4C	0	0.734051	0.33	0.128	0 cDC2	ARL4C
RPS4X2	0	0.731956	0.961	0.85	0 cDC2	RPS4X
PRKAR2B	0	0.710238	0.265	0.025	0 cDC2	PRKAR2B
RPS71	0	0.70804	0.959	0.857	0 cDC2	RPS7
RPL112	0	0.707821	0.975	0.897	0 cDC2	RPL11
GSTP12	0	0.707274	0.806	0.569	0 cDC2	GSTP1
RPS132	0	0.706856	0.973	0.882	0 cDC2	RPS13
RPL35A2	0	0.705737	0.943	0.816	0 cDC2	RPL35A
RPS15A2	0	0.705591	0.972	0.884	0 cDC2	RPS15A
RPS232	0	0.701964	0.981	0.906	0 cDC2	RPS23
RPL342	0	0.699521	0.968	0.876	0 cDC2	RPL34
RPS9	0	0.699471	0.962	0.856	0 cDC2	RPS9
RPL192	0	0.695833	0.975	0.902	0 cDC2	RPL19
RPL102	0	0.695096	0.993	0.944	0 cDC2	RPL10
PTMA2	0	0.695054	0.983	0.903	0 cDC2	PTMA
CD742	0	0.694365	0.999	0.99	0 cDC2	CD74
RPS212	0	0.693521	0.931	0.799	0 cDC2	RPS21
LGALS1	0	0.693482	0.452	0.197	0 cDC2	LGALS1
ARF6	0	0.692566	0.536	0.296	0 cDC2	ARF6
RPL132	0	0.69255	0.988	0.934	0 cDC2	RPL13

RPS241	0	0.691573	0.978	0.898	0 cDC2	RPS24
RPS31	0	0.691085	0.968	0.873	0 cDC2	RPS3
SEL1L3	0	0.690588	0.3	0.048	0 cDC2	SEL1L3
EEF1G2	0	0.690467	0.873	0.686	0 cDC2	EEF1G
CD1D	0	0.689908	0.296	0.051	0 cDC2	CD1D
RPS51	0	0.68072	0.914	0.762	0 cDC2	RPS5
PSTPIP2	0	0.680356	0.36	0.132	0 cDC2	PSTPIP2
CD48	0	0.678397	0.314	0.052	0 cDC2	CD48
PPDPF	0	0.677011	0.5	0.243	0 cDC2	PPDPF
RPS3A1	0	0.670083	0.963	0.872	0 cDC2	RPS3A
PPA1	0	0.66888	0.498	0.256	0 cDC2	PPA1
RPL362	0	0.6676	0.95	0.829	0 cDC2	RPL36
CDK14	0	0.664405	0.293	0.041	0 cDC2	CDK14
RPS152	0	0.662156	0.972	0.89	0 cDC2	RPS15
RPL271	0	0.652883	0.881	0.702	0 cDC2	RPL27
RPL23A1	0	0.642999	0.917	0.773	0 cDC2	RPL23A
RPS16	0	0.641404	0.938	0.824	0 cDC2	RPS16
ICAM3	0	0.637901	0.261	0.031	0 cDC2	ICAM3
RPL142	0	0.637845	0.956	0.85	0 cDC2	RPL14
RPL181	0	0.636037	0.961	0.87	0 cDC2	RPL18
RPLP21	0	0.63476	0.95	0.838	0 cDC2	RPLP2
FOSL2	0	0.633864	0.473	0.2	0 cDC2	FOSL2
RPL292	0	0.632973	0.966	0.875	0 cDC2	RPL29
RPL392	0	0.629248	0.966	0.879	0 cDC2	RPL39
RPLP11	0	0.628613	0.993	0.946	0 cDC2	RPLP1
TGFBI1	0	0.627718	0.421	0.146	0 cDC2	TGFBI
RPL371	0	0.626283	0.959	0.866	0 cDC2	RPL37
TIMP1	0	0.625561	0.41	0.181	0 cDC2	TIMP1
FYN	0	0.622374	0.252	0.039	0 cDC2	FYN
BTF32	0	0.621456	0.873	0.698	0 cDC2	BTF3
RACK12	0	0.620632	0.938	0.818	0 cDC2	RACK1
RPL10A1	0	0.618649	0.901	0.758	0 cDC2	RPL10A
SNX10	0	0.611892	0.448	0.182	0 cDC2	SNX10
RPS62	0	0.610294	0.967	0.879	0 cDC2	RPS6
SH3BP5	0	0.60859	0.337	0.109	0 cDC2	SH3BP5
RPS22	0	0.606091	0.954	0.847	0 cDC2	RPS2
RPS282	0	0.603847	0.963	0.874	0 cDC2	RPS28
EEF1B21	0	0.603092	0.9	0.755	0 cDC2	EEF1B2
CLEC4E1	0	0.600215	0.28	0.076	0 cDC2	CLEC4E
RPL36A1	0	0.599233	0.905	0.756	0 cDC2	RPL36A
RPL241	0	0.594447	0.934	0.81	0 cDC2	RPL24
RFTN1	0	0.592804	0.356	0.114	0 cDC2	RFTN1
EEF1A11	0	0.58135	0.996	0.963	0 cDC2	EEF1A1
FGR	0	0.57915	0.388	0.132	0 cDC2	FGR
RPL7A1	0	0.571579	0.963	0.865	0 cDC2	RPL7A
UBA521	0	0.570686	0.912	0.77	0 cDC2	UBA52
TES	0	0.570506	0.317	0.093	0 cDC2	TES

RPS81	0	0.567229	0.981	0.912	0	cDC2	RPS8
MCTP11	0	0.565757	0.432	0.177	0	cDC2	MCTP1
RPLP01	0	0.562133	0.964	0.864	0	cDC2	RPLP0
RPL352	0	0.560674	0.924	0.792	0	cDC2	RPL35
RPS252	0	0.553648	0.951	0.845	0	cDC2	RPS25
FAU2	0	0.543805	0.965	0.877	0	cDC2	FAU
NACA1	0	0.538272	0.944	0.83	0	cDC2	NACA
CSTA	0	0.53548	0.315	0.09	0	cDC2	CSTA
RPL33	0	0.532857	0.955	0.864	0	cDC2	RPL3
RPL61	0	0.53146	0.955	0.853	0	cDC2	RPL6
EMILIN2	0	0.522455	0.299	0.089	0	cDC2	EMILIN2
RPL151	0	0.521907	0.954	0.853	0	cDC2	RPL15
RPL171	0	0.515451	0.945	0.83	0	cDC2	RPL17
AC138123.	0	0.494577	0.34	0.13	0	cDC2	AC138123.1
RPS191	0	0.492909	0.984	0.919	0	cDC2	RPS19
ITGA41	0	0.473366	0.282	0.076	0	cDC2	ITGA4
TPT11	0	0.471515	0.992	0.954	0	cDC2	TPT1
RPL221	6.27E-307	0.561571	0.903	0.747	1.77E-302	cDC2	RPL22
FTH12	6.44E-307	0.530979	0.997	0.983	1.81E-302	cDC2	FTH1
NME21	2.24E-306	0.566589	0.864	0.657	6.30E-302	cDC2	NME2
MAP3K82	6.17E-306	0.753157	0.835	0.657	1.73E-301	cDC2	MAP3K8
DENND1B	4.80E-303	0.480223	0.26	0.089	1.35E-298	cDC2	DENND1B
PLP2	3.54E-298	0.452982	0.306	0.117	9.96E-294	cDC2	PLP2
RPS27A1	9.56E-296	0.471523	0.965	0.879	2.69E-291	cDC2	RPS27A
RPL42	2.27E-294	0.577837	0.885	0.732	6.38E-290	cDC2	RPL4
AC004817.	4.25E-294	0.661473	0.37	0.16	1.20E-289	cDC2	AC004817.3
PLAUR1	6.63E-294	0.816381	0.758	0.526	1.87E-289	cDC2	PLAUR
PRMT9	4.65E-286	0.550847	0.356	0.152	1.31E-281	cDC2	PRMT9
CTSH1	7.23E-286	0.60302	0.754	0.533	2.04E-281	cDC2	CTSH
H3F3A	3.85E-283	0.539479	0.913	0.77	1.08E-278	cDC2	H3F3A
AP1S21	1.62E-282	0.506141	0.419	0.199	4.55E-278	cDC2	AP1S2
RPS291	7.50E-281	0.685906	0.822	0.645	2.11E-276	cDC2	RPS29
BTG11	3.99E-279	0.737311	0.884	0.752	1.12E-274	cDC2	BTG1
MYL12A	1.69E-278	0.68359	0.741	0.533	4.76E-274	cDC2	MYL12A
FGL21	4.12E-278	0.689087	0.654	0.411	1.16E-273	cDC2	FGL2
RPSA1	1.45E-276	0.553467	0.878	0.711	4.07E-272	cDC2	RPSA
IFITM1	5.99E-273	1.043443	0.275	0.108	1.69E-268	cDC2	IFITM1
RPS262	1.13E-272	0.609119	0.934	0.808	3.19E-268	cDC2	RPS26
TNFAIP8	2.13E-269	0.541916	0.313	0.13	5.99E-265	cDC2	TNFAIP8
COMMD6	1.48E-268	0.568007	0.764	0.544	4.18E-264	cDC2	COMMD6
RPL51	1.40E-260	0.483314	0.941	0.833	3.94E-256	cDC2	RPL5
SIPA1L12	3.73E-260	0.475504	0.8	0.553	1.05E-255	cDC2	SIPA1L1
RAC2	1.60E-259	0.466048	0.32	0.136	4.49E-255	cDC2	RAC2
ATP1B32	7.05E-259	0.669736	0.705	0.489	1.98E-254	cDC2	ATP1B3
TAGLN2	8.25E-259	0.650445	0.536	0.305	2.32E-254	cDC2	TAGLN2
HBEGF1	3.50E-257	0.714351	0.523	0.289	9.85E-253	cDC2	HBEGF
RBFOX2	3.77E-253	0.434611	0.268	0.102	1.06E-248	cDC2	RBFOX2

BASP12	3.54E-251	0.546916	0.785	0.552	9.95E-247	cDC2	BASP1
FOXN2	4.92E-250	0.55001	0.366	0.171	1.38E-245	cDC2	FOXN2
RPS11	5.69E-248	0.512644	0.85	0.685	1.60E-243	cDC2	RPS11
RPL311	6.96E-245	0.529324	0.837	0.662	1.96E-240	cDC2	RPL31
EIF3K1	5.18E-243	0.511811	0.774	0.569	1.46E-238	cDC2	EIF3K
VEGFA1	2.12E-242	0.583216	0.326	0.143	5.95E-238	cDC2	VEGFA
OSBPL81	1.62E-241	0.558793	0.571	0.344	4.55E-237	cDC2	OSBPL8
IQGAP21	4.24E-238	0.357094	0.299	0.122	1.19E-233	cDC2	IQGAP2
GNG2	2.12E-235	0.461271	0.285	0.118	5.97E-231	cDC2	GNG2
RPL37A1	2.65E-233	0.47344	0.902	0.774	7.46E-229	cDC2	RPL37A
KYNU	2.83E-233	0.508047	0.408	0.205	7.96E-229	cDC2	KYNU
RPL27A1	4.27E-233	0.529945	0.769	0.573	1.20E-228	cDC2	RPL27A
TUBA1A	2.62E-227	0.853655	0.496	0.294	7.38E-223	cDC2	TUBA1A
CARD161	6.71E-224	0.428353	0.358	0.169	1.89E-219	cDC2	CARD16
IQGAP11	4.03E-221	0.406178	0.515	0.286	1.13E-216	cDC2	IQGAP1
COX4I11	1.64E-220	0.421035	0.889	0.733	4.63E-216	cDC2	COX4I1
HERPUD12	1.03E-219	0.648356	0.843	0.698	2.90E-215	cDC2	HERPUD1
EEF21	8.73E-219	0.451513	0.901	0.758	2.46E-214	cDC2	EEF2
RPL13A1	2.35E-218	0.461226	0.882	0.738	6.62E-214	cDC2	RPL13A
VAMP51	2.80E-216	0.449692	0.312	0.141	7.89E-212	cDC2	VAMP5
PFDN51	1.98E-211	0.428485	0.879	0.719	5.57E-207	cDC2	PFDN5
FILIP1L1	2.49E-211	0.566942	0.464	0.26	7.00E-207	cDC2	FILIP1L
RALA	3.37E-211	0.421993	0.265	0.112	9.48E-207	cDC2	RALA
HINT11	1.62E-210	0.509573	0.656	0.44	4.55E-206	cDC2	HINT1
GAPDH1	7.64E-209	0.389861	0.953	0.863	2.15E-204	cDC2	GAPDH
RPL9	2.21E-208	0.441629	0.914	0.792	6.22E-204	cDC2	RPL9
INSIG1	4.18E-207	0.75437	0.401	0.213	1.17E-202	cDC2	INSIG1
RPL7	1.59E-204	0.464306	0.791	0.608	4.47E-200	cDC2	RPL7
ATP5MG1	7.59E-203	0.442608	0.797	0.605	2.14E-198	cDC2	ATP5MG
HLA-DMA2	4.31E-202	0.453254	0.876	0.703	1.21E-197	cDC2	HLA-DMA
RPL381	4.68E-196	0.50263	0.803	0.639	1.32E-191	cDC2	RPL38
PLBD11	6.83E-192	0.305672	0.288	0.129	1.92E-187	cDC2	PLBD1
ZFAND52	2.85E-191	0.711582	0.686	0.491	8.01E-187	cDC2	ZFAND5
MIR181A11	2.38E-189	0.391891	0.432	0.233	6.70E-185	cDC2	MIR181A1HG
MZT2B	1.06E-188	0.411108	0.604	0.391	2.97E-184	cDC2	MZT2B
ODF3B	2.26E-187	0.455651	0.388	0.205	6.37E-183	cDC2	ODF3B
SNRPD2	2.99E-183	0.419387	0.625	0.418	8.40E-179	cDC2	SNRPD2
IFITM31	9.74E-181	0.713048	0.67	0.455	2.74E-176	cDC2	IFITM3
UPP1	2.89E-179	0.348752	0.276	0.126	8.12E-175	cDC2	UPP1
ATP5F1E1	3.67E-177	0.381954	0.887	0.746	1.03E-172	cDC2	ATP5F1E
CLIC1	5.66E-177	0.447698	0.818	0.65	1.59E-172	cDC2	CLIC1
SRGN1	1.06E-176	0.393677	0.979	0.936	2.99E-172	cDC2	SRGN
BCL21	1.10E-176	0.433267	0.559	0.353	3.08E-172	cDC2	BCL2
UQCRH	5.78E-176	0.422542	0.638	0.437	1.63E-171	cDC2	UQCRH
HIGD2A2	1.28E-175	0.424807	0.627	0.421	3.60E-171	cDC2	HIGD2A
MZT2A	6.80E-174	0.335824	0.3	0.145	1.91E-169	cDC2	MZT2A
FNBP1	1.84E-173	0.420768	0.42	0.235	5.17E-169	cDC2	FNBP1

CD91	3.38E-170	0.421778	0.295	0.143	9.51E-166	cDC2	CD9
SLC25A6	3.76E-170	0.42856	0.808	0.649	1.06E-165	cDC2	SLC25A6
FP236383.3	4.47E-170	0.365104	0.745	0.494	1.26E-165	cDC2	FP236383.3
DNAJC15	8.24E-170	0.406261	0.488	0.298	2.32E-165	cDC2	DNAJC15
PLXNC1	8.68E-168	0.311548	0.286	0.136	2.44E-163	cDC2	PLXNC1
TET21	4.06E-167	0.435259	0.512	0.317	1.14E-162	cDC2	TET2
H2AFY	4.71E-167	0.429402	0.691	0.509	1.32E-162	cDC2	H2AFY
RHOH1	7.54E-167	0.585866	0.419	0.247	2.12E-162	cDC2	RHOH
ETV3	1.37E-165	0.40948	0.316	0.16	3.86E-161	cDC2	ETV3
YBX11	3.58E-165	0.377244	0.825	0.659	1.01E-160	cDC2	YBX1
RPS17	3.95E-165	0.434296	0.642	0.458	1.11E-160	cDC2	RPS17
PPIA1	9.69E-165	0.349685	0.918	0.808	2.73E-160	cDC2	PPIA
SNHG291	1.76E-164	0.433088	0.723	0.542	4.97E-160	cDC2	SNHG29
MIF1	3.67E-164	0.374593	0.734	0.53	1.03E-159	cDC2	MIF
GAS51	4.26E-163	0.440518	0.615	0.422	1.20E-158	cDC2	GAS5
PRELID1	9.96E-163	0.42646	0.442	0.264	2.80E-158	cDC2	PRELID1
DOCK5	8.86E-162	0.285196	0.342	0.175	2.49E-157	cDC2	DOCK5
PTRHD1	2.85E-161	0.311694	0.265	0.125	8.02E-157	cDC2	PTRHD1
SERP1	5.35E-160	0.389598	0.809	0.657	1.50E-155	cDC2	SERP1
PAK1	5.55E-160	0.464748	0.459	0.281	1.56E-155	cDC2	PAK1
SLC25A51	7.16E-160	0.397046	0.731	0.543	2.02E-155	cDC2	SLC25A5
TMEM123	2.21E-159	0.420896	0.435	0.258	6.23E-155	cDC2	TMEM123
TXNIP1	1.62E-158	0.718967	0.496	0.321	4.56E-154	cDC2	TXNIP
ATP2B1	1.30E-157	0.509016	0.549	0.367	3.65E-153	cDC2	ATP2B1
FBL	2.21E-156	0.336226	0.337	0.178	6.21E-152	cDC2	FBL
DUSP22	2.56E-156	0.614855	0.581	0.389	7.19E-152	cDC2	DUSP2
BHLHE401	6.37E-156	0.541402	0.447	0.273	1.79E-151	cDC2	BHLHE40
PABPC1	1.37E-155	0.366117	0.933	0.84	3.87E-151	cDC2	PABPC1
LY6E	4.55E-155	0.552108	0.375	0.202	1.28E-150	cDC2	LY6E
AC004448.	4.26E-154	0.755421	0.372	0.212	1.20E-149	cDC2	AC004448.2
EEF1D1	2.05E-153	0.369631	0.841	0.687	5.76E-149	cDC2	EEF1D
RPL23	3.05E-153	0.421524	0.713	0.539	8.59E-149	cDC2	RPL23
ATP5MC22	1.84E-152	0.351135	0.869	0.714	5.18E-148	cDC2	ATP5MC2
SMARCA21	1.41E-150	0.437313	0.481	0.304	3.95E-146	cDC2	SMARCA2
TSPAN33	6.71E-149	0.299577	0.263	0.127	1.89E-144	cDC2	TSPAN33
CHMP1B	1.57E-148	0.52946	0.436	0.264	4.42E-144	cDC2	CHMP1B
PSME11	1.86E-147	0.384058	0.61	0.423	5.24E-143	cDC2	PSME1
ZFP36L21	1.59E-145	0.500693	0.913	0.84	4.46E-141	cDC2	ZFP36L2
PTK2B1	6.41E-145	0.3102	0.433	0.257	1.80E-140	cDC2	PTK2B
HMGB21	4.87E-144	0.43927	0.431	0.261	1.37E-139	cDC2	HMGB2
CIB11	2.16E-141	0.356139	0.498	0.319	6.07E-137	cDC2	CIB1
LCP1	3.24E-141	0.435244	0.61	0.429	9.11E-137	cDC2	LCP1
TXN	5.37E-141	0.385961	0.333	0.179	1.51E-136	cDC2	TXN
SMCHD1	7.16E-141	0.433634	0.439	0.27	2.02E-136	cDC2	SMCHD1
PDE4A1	7.41E-140	0.371353	0.403	0.238	2.09E-135	cDC2	PDE4A
TLE5	3.17E-139	0.308661	0.354	0.197	8.91E-135	cDC2	TLE5
COX5A1	1.33E-138	0.364671	0.592	0.407	3.73E-134	cDC2	COX5A

PRCP	1.65E-138	0.344521	0.414	0.247	4.63E-134	cDC2	PRCP
ANP32B1	5.81E-138	0.349197	0.552	0.37	1.63E-133	cDC2	ANP32B
DNAJC4	7.93E-138	0.355428	0.353	0.201	2.23E-133	cDC2	DNAJC4
RNF144B2	2.01E-137	0.380123	0.474	0.298	5.65E-133	cDC2	RNF144B
LIMD2	2.92E-136	0.373009	0.506	0.328	8.22E-132	cDC2	LIMD2
TKT2	8.80E-136	0.342743	0.573	0.392	2.48E-131	cDC2	TKT
UTRN2	1.08E-135	0.27206	0.48	0.295	3.05E-131	cDC2	UTRN
SEC11A1	1.36E-134	0.363562	0.676	0.499	3.83E-130	cDC2	SEC11A
JARID21	1.61E-134	0.319441	0.439	0.267	4.53E-130	cDC2	JARID2
C7orf50	3.46E-134	0.297086	0.28	0.144	9.75E-130	cDC2	C7orf50
EIF3E	7.55E-134	0.363552	0.602	0.427	2.12E-129	cDC2	EIF3E
RASA2	7.67E-134	0.346616	0.299	0.158	2.16E-129	cDC2	RASA2
ERP291	9.23E-134	0.378045	0.575	0.4	2.60E-129	cDC2	ERP29
TAX1BP3	1.92E-133	0.303629	0.26	0.131	5.42E-129	cDC2	TAX1BP3
NAMPT2	2.72E-133	0.320773	0.725	0.533	7.65E-129	cDC2	NAMPT
SARAF	1.82E-132	0.367019	0.862	0.744	5.13E-128	cDC2	SARAF
RHOC	5.92E-132	0.347019	0.411	0.248	1.67E-127	cDC2	RHOC
SMDT11	1.01E-128	0.352864	0.526	0.352	2.86E-124	cDC2	SMDT1
GLO1	6.60E-128	0.333301	0.25	0.127	1.86E-123	cDC2	GLO1
APRT1	1.17E-126	0.322546	0.539	0.363	3.30E-122	cDC2	APRT
PTPN12	1.77E-126	0.292366	0.588	0.4	4.99E-122	cDC2	PTPN1
SAMHD11	6.12E-126	0.389296	0.657	0.49	1.72E-121	cDC2	SAMHD1
ATG3	2.21E-125	0.297133	0.366	0.212	6.21E-121	cDC2	ATG3
GSTK1	1.08E-124	0.332434	0.546	0.373	3.03E-120	cDC2	GSTK1
ZYX1	2.41E-124	0.319676	0.622	0.437	6.79E-120	cDC2	ZYX
LDHA	1.36E-123	0.362407	0.624	0.445	3.83E-119	cDC2	LDHA
PTEN	1.39E-123	0.338192	0.462	0.297	3.92E-119	cDC2	PTEN
COX7C	3.21E-123	0.358703	0.751	0.592	9.02E-119	cDC2	COX7C
EIF3G1	1.71E-122	0.334331	0.64	0.464	4.81E-118	cDC2	EIF3G
KLF42	1.48E-121	0.423216	0.678	0.502	4.17E-117	cDC2	KLF4
PHACTR1	1.75E-120	0.360064	0.584	0.408	4.92E-116	cDC2	PHACTR1
EVI2B1	3.59E-120	0.361671	0.577	0.404	1.01E-115	cDC2	EVI2B
VAMP82	7.19E-120	0.328425	0.692	0.517	2.02E-115	cDC2	VAMP8
FP671120.4	2.83E-119	0.292993	0.617	0.409	7.97E-115	cDC2	FP671120.4
SSR21	4.95E-119	0.320455	0.561	0.39	1.39E-114	cDC2	SSR2
STX112	9.64E-119	0.308918	0.54	0.359	2.71E-114	cDC2	STX11
PFN11	3.87E-118	0.305631	0.923	0.823	1.09E-113	cDC2	PFN1
GRN1	4.39E-118	0.328262	0.805	0.662	1.23E-113	cDC2	GRN
ENO11	4.24E-116	0.310581	0.644	0.47	1.19E-111	cDC2	ENO1
HNRNPA1	4.57E-116	0.345811	0.806	0.665	1.29E-111	cDC2	HNRNPA1
RNASE6	6.01E-115	0.475249	0.499	0.346	1.69E-110	cDC2	RNASE6
CAT	2.96E-114	0.277068	0.34	0.199	8.34E-110	cDC2	CAT
CCNI	5.68E-114	0.332038	0.735	0.581	1.60E-109	cDC2	CCNI
OGDH	2.79E-113	0.26067	0.256	0.135	7.84E-109	cDC2	OGDH
PSMA6	8.60E-113	0.326267	0.461	0.307	2.42E-108	cDC2	PSMA6
GK1	2.66E-112	0.368185	0.519	0.352	7.48E-108	cDC2	GK
OAZ11	5.86E-112	0.286281	0.911	0.792	1.65E-107	cDC2	OAZ1

CERS6	1.76E-111	0.263657	0.279	0.151	4.96E-107	cDC2	CERS6
ALDOA1	1.37E-110	0.272737	0.626	0.449	3.86E-106	cDC2	ALDOA
CREB51	1.61E-110	0.263628	0.263	0.139	4.52E-106	cDC2	CREB5
PTPRE1	2.59E-110	0.309817	0.668	0.499	7.29E-106	cDC2	PTPRE
EIF3L	3.45E-110	0.354267	0.575	0.421	9.71E-106	cDC2	EIF3L
ESYT2	5.43E-109	0.275232	0.324	0.186	1.53E-104	cDC2	ESYT2
NPM1	2.17E-108	0.305161	0.836	0.705	6.11E-104	cDC2	NPM1
COX8A	7.75E-108	0.267936	0.645	0.467	2.18E-103	cDC2	COX8A
EIF3F1	2.72E-107	0.327189	0.654	0.499	7.66E-103	cDC2	EIF3F
HIPK2	7.11E-107	0.27682	0.315	0.181	2.00E-102	cDC2	HIPK2
PSME21	4.02E-106	0.299023	0.507	0.344	1.13E-101	cDC2	PSME2
EFHD2	5.46E-106	0.328825	0.516	0.359	1.54E-101	cDC2	EFHD2
EIF3H1	9.45E-106	0.289839	0.632	0.468	2.66E-101	cDC2	EIF3H
PLAC81	1.09E-105	0.518115	0.373	0.236	3.06E-101	cDC2	PLAC8
PTGER42	6.82E-105	0.322813	0.535	0.366	1.92E-100	cDC2	PTGER4
MALT11	1.14E-104	0.280046	0.409	0.258	3.21E-100	cDC2	MALT1
SNX31	1.17E-104	0.444667	0.642	0.485	3.29E-100	cDC2	SNX3
C9orf161	5.41E-104	0.259864	0.499	0.335	1.52E-99	cDC2	C9orf16
TRAPPC51	8.85E-104	0.254964	0.429	0.275	2.49E-99	cDC2	TRAPPC5
ATP5F1D1	1.99E-103	0.271635	0.641	0.471	5.61E-99	cDC2	ATP5F1D
RILPL21	2.26E-103	0.301897	0.711	0.543	6.35E-99	cDC2	RILPL2
NOP53	4.20E-103	0.301198	0.588	0.424	1.18E-98	cDC2	NOP53
PSMB91	1.90E-101	0.331714	0.421	0.275	5.34E-97	cDC2	PSMB9
EZR	1.91E-101	0.331019	0.542	0.386	5.39E-97	cDC2	EZR
GLIPR1	4.87E-101	0.295077	0.642	0.478	1.37E-96	cDC2	GLIPR1
AC007384.1	3.24E-100	0.290217	0.319	0.188	9.11E-96	cDC2	AC007384.1
SPINT2	2.80E-99	0.335965	0.425	0.285	7.87E-95	cDC2	SPINT2
HMGA1	2.95E-99	0.253898	0.352	0.216	8.31E-95	cDC2	HMGA1
UXT	4.84E-99	0.27208	0.47	0.32	1.36E-94	cDC2	UXT
NUDT16	7.54E-99	0.335524	0.382	0.244	2.12E-94	cDC2	NUDT16
RPL36AL1	6.40E-98	0.276393	0.809	0.652	1.80E-93	cDC2	RPL36AL
ZNF385A	6.42E-98	0.26789	0.319	0.19	1.81E-93	cDC2	ZNF385A
EDF11	1.76E-97	0.260747	0.64	0.476	4.96E-93	cDC2	EDF1
TOMM7	4.39E-96	0.28017	0.706	0.554	1.23E-91	cDC2	TOMM7
AKIRIN2	5.55E-96	0.327296	0.445	0.298	1.56E-91	cDC2	AKIRIN2
PPP1CB1	5.63E-96	0.287893	0.381	0.243	1.58E-91	cDC2	PPP1CB
HIVEP21	3.09E-95	0.323199	0.44	0.294	8.71E-91	cDC2	HIVEP2
HMGN1	5.86E-95	0.289369	0.61	0.456	1.65E-90	cDC2	HMGN1
INSR	1.02E-94	0.255583	0.295	0.171	2.86E-90	cDC2	INSR
LDHB1	3.12E-94	0.281403	0.481	0.33	8.78E-90	cDC2	LDHB
GPR1322	1.92E-93	0.348779	0.418	0.278	5.40E-89	cDC2	GPR132
PRDX6	3.34E-93	0.275327	0.494	0.342	9.41E-89	cDC2	PRDX6
HLA-DRB52	1.36E-92	0.668586	0.81	0.688	3.81E-88	cDC2	HLA-DRB5
SAT12	2.13E-92	0.307868	0.982	0.97	6.01E-88	cDC2	SAT1
ARHGDIB1	9.98E-92	0.273109	0.828	0.695	2.81E-87	cDC2	ARHGDIB
STK38L	1.28E-91	0.343179	0.47	0.324	3.59E-87	cDC2	STK38L
TMEM14C1	2.54E-91	0.261849	0.563	0.406	7.15E-87	cDC2	TMEM14C

EIF2AK3	8.66E-91	0.308454	0.291	0.172	2.44E-86	cDC2	EIF2AK3
HACD41	1.48E-90	0.259245	0.403	0.264	4.16E-86	cDC2	HACD4
NSA2	3.77E-90	0.252013	0.453	0.305	1.06E-85	cDC2	NSA2
SSR3	2.39E-89	0.266482	0.499	0.351	6.74E-85	cDC2	SSR3
SUB1	3.86E-89	0.283794	0.592	0.443	1.09E-84	cDC2	SUB1
JMJD1C1	8.33E-89	0.26257	0.735	0.588	2.34E-84	cDC2	JMJD1C
PRKAG2-AS	2.52E-88	0.268168	0.256	0.146	7.10E-84	cDC2	PRKAG2-AS1
PLSCR1	1.32E-87	0.294812	0.621	0.468	3.72E-83	cDC2	PLSCR1
SH3BGRL3	5.17E-87	0.289125	0.799	0.66	1.45E-82	cDC2	SH3BGRL3
MNDA1	1.39E-86	0.293686	0.447	0.307	3.90E-82	cDC2	MNDA
TAF101	2.59E-86	0.259466	0.608	0.453	7.27E-82	cDC2	TAF10
UBALD2	3.08E-85	0.372058	0.402	0.272	8.68E-81	cDC2	UBALD2
MYADM1	3.21E-85	0.30129	0.479	0.332	9.04E-81	cDC2	MYADM
HLA-DOA	6.63E-85	0.252201	0.326	0.205	1.86E-80	cDC2	HLA-DOA
CYB5R3	8.74E-85	0.253656	0.348	0.223	2.46E-80	cDC2	CYB5R3
NAP1L1	2.70E-84	0.300403	0.567	0.425	7.60E-80	cDC2	NAP1L1
ATP2B1-AS	2.50E-83	0.409865	0.635	0.495	7.03E-79	cDC2	ATP2B1-AS1
AP2S11	1.24E-82	0.252064	0.48	0.339	3.49E-78	cDC2	AP2S1
MYL12B	1.43E-81	0.26083	0.695	0.552	4.02E-77	cDC2	MYL12B
SERPINA11	1.66E-81	0.315253	0.671	0.537	4.68E-77	cDC2	SERPINA1
TLR22	2.57E-80	0.321793	0.638	0.506	7.22E-76	cDC2	TLR2
CMSS11	3.06E-80	0.277402	0.364	0.237	8.61E-76	cDC2	CMSS1
MSN	7.88E-78	0.263521	0.674	0.534	2.22E-73	cDC2	MSN
RSL24D1	7.91E-78	0.262647	0.365	0.242	2.23E-73	cDC2	RSL24D1
RPS20	2.35E-77	0.272326	0.629	0.489	6.62E-73	cDC2	RPS20
TGIF11	4.48E-77	0.271854	0.377	0.25	1.26E-72	cDC2	TGIF1
DYNLT1	1.28E-76	0.255408	0.433	0.301	3.59E-72	cDC2	DYNLT1
SNHG15	4.88E-76	0.277843	0.297	0.186	1.37E-71	cDC2	SNHG15
CXCL161	3.23E-75	0.330353	0.765	0.637	9.10E-71	cDC2	CXCL16
ARPC2	1.52E-74	0.259292	0.76	0.632	4.29E-70	cDC2	ARPC2
HPS5	3.30E-73	0.258136	0.344	0.226	9.28E-69	cDC2	HPS5
HLA-A1	3.53E-72	0.272487	0.922	0.834	9.94E-68	cDC2	HLA-A
BCL2A11	3.65E-72	0.398555	0.646	0.499	1.03E-67	cDC2	BCL2A1
DDIT42	2.19E-68	0.301669	0.664	0.527	6.17E-64	cDC2	DDIT4
ISG15	3.79E-65	0.389246	0.281	0.181	1.07E-60	cDC2	ISG15
COTL11	4.39E-62	0.279166	0.809	0.692	1.23E-57	cDC2	COTL1
GLUD1	1.14E-60	0.27699	0.376	0.264	3.21E-56	cDC2	GLUD1
NLRP32	1.51E-60	0.363693	0.629	0.515	4.25E-56	cDC2	NLRP3
GABARAPL	2.40E-60	0.253801	0.429	0.313	6.75E-56	cDC2	GABARAPL1
HDAC92	6.11E-59	0.295319	0.539	0.409	1.72E-54	cDC2	HDAC9
HLA-C1	6.39E-58	0.289006	0.921	0.825	1.80E-53	cDC2	HLA-C
TNFAIP33	2.49E-38	0.341168	0.64	0.547	7.00E-34	cDC2	TNFAIP3
RPS4Y11	9.08E-38	0.283803	0.503	0.426	2.55E-33	cDC2	RPS4Y1
ACSL3	9.12E-37	0.294919	0.34	0.258	2.57E-32	cDC2	ACSL3
PLIN21	2.86E-28	0.304943	0.409	0.326	8.05E-24	cDC2	PLIN2
S100A9	0	4.295392	0.671	0.146	0	Monocytes	S100A9
S100A8	0	4.124504	0.631	0.15	0	Monocytes	S100A8

S100A61	0	3.581808	0.866	0.165	0 Monocytes S100A6
LYZ2	0	3.439577	0.887	0.251	0 Monocytes LYZ
THBS1	0	3.074404	0.542	0.018	0 Monocytes THBS1
CXCL2	0	3.058377	0.485	0.039	0 Monocytes CXCL2
S100A41	0	3.005539	0.818	0.273	0 Monocytes S100A4
VCAN	0	2.956464	0.62	0.018	0 Monocytes VCAN
S100A101	0	2.863995	0.76	0.091	0 Monocytes S100A10
TIMP11	0	2.858633	0.736	0.176	0 Monocytes TIMP1
EREG1	0	2.745637	0.519	0.024	0 Monocytes EREG
CXCL3	0	2.676228	0.298	0.011	0 Monocytes CXCL3
AREG2	0	2.659718	0.726	0.139	0 Monocytes AREG
FCN1	0	2.592979	0.477	0.006	0 Monocytes FCN1
S100A12	0	2.487234	0.338	0.007	0 Monocytes S100A12
VIM2	0	2.391815	0.97	0.397	0 Monocytes VIM
CD441	0	2.225937	0.714	0.118	0 Monocytes CD44
LGALS11	0	2.220461	0.719	0.194	0 Monocytes LGALS1
IL1R21	0	2.046815	0.398	0.037	0 Monocytes IL1R2
ANXA21	0	1.813374	0.646	0.088	0 Monocytes ANXA2
IFI302	0	1.773715	0.948	0.683	0 Monocytes IFI30
LGALS3	0	1.766337	0.521	0.039	0 Monocytes LGALS3
SH3BGRL3	0	1.588919	0.891	0.66	0 Monocytes SH3BGRL3
FLNA	0	1.547055	0.469	0.047	0 Monocytes FLNA
CSTA1	0	1.52326	0.577	0.087	0 Monocytes CSTA
PLCB1	0	1.507366	0.359	0.013	0 Monocytes PLCB1
FNDC3B1	0	1.481802	0.565	0.243	0 Monocytes FNDC3B
AQP9	0	1.480975	0.371	0.039	0 Monocytes AQP9
PLAUR2	0	1.476974	0.872	0.528	0 Monocytes PLAUR
CD52	0	1.469239	0.346	0.022	0 Monocytes CD52
EMP31	0	1.458374	0.737	0.286	0 Monocytes EMP3
UPP11	0	1.457624	0.568	0.12	0 Monocytes UPP1
IFITM22	0	1.45547	0.806	0.512	0 Monocytes IFITM2
PPDPF1	0	1.409991	0.673	0.243	0 Monocytes PPDPF
JARID22	0	1.401501	0.608	0.265	0 Monocytes JARID2
FGR1	0	1.393693	0.594	0.131	0 Monocytes FGR
ATP2B11	0	1.375923	0.673	0.367	0 Monocytes ATP2B1
CRIP1	0	1.36441	0.336	0.026	0 Monocytes CRIP1
LSP11	0	1.340029	0.741	0.286	0 Monocytes LSP1
SMIM25	0	1.337664	0.404	0.055	0 Monocytes SMIM25
KYNU1	0	1.335141	0.579	0.204	0 Monocytes KYNU
SLC16A10	0	1.317226	0.259	0.034	0 Monocytes SLC16A10
GAPDH2	0	1.30829	0.962	0.864	0 Monocytes GAPDH
NAMPT3	0	1.307319	0.865	0.533	0 Monocytes NAMPT
ANXA12	0	1.221639	0.779	0.332	0 Monocytes ANXA1
CLEC4E2	0	1.204692	0.458	0.075	0 Monocytes CLEC4E
TKT3	0	1.200025	0.716	0.391	0 Monocytes TKT
AHNAK2	0	1.183536	0.576	0.177	0 Monocytes AHNAK
TYMP	0	1.176659	0.659	0.344	0 Monocytes TYMP

AC015912.	0	1.153852	0.336	0.073	0 Monocytes AC015912.3
EMILIN21	0	1.129476	0.466	0.088	0 Monocytes EMILIN2
SESTD1	0	1.12669	0.336	0.047	0 Monocytes SESTD1
CD1633	0	1.12549	0.757	0.336	0 Monocytes CD163
CTSS1	0	1.114446	0.855	0.616	0 Monocytes CTSS
NCF2	0	1.112915	0.482	0.125	0 Monocytes NCF2
SERPINA12	0	1.105742	0.804	0.536	0 Monocytes SERPINA1
BLVRB	0	1.094628	0.506	0.183	0 Monocytes BLVRB
CFP	0	1.077861	0.296	0.007	0 Monocytes CFP
CD481	0	1.077682	0.437	0.053	0 Monocytes CD48
METRNL2	0	1.069626	0.576	0.185	0 Monocytes METRNL
CSGALNAC	0	1.055677	0.423	0.084	0 Monocytes CSGALNACT2
FTH13	0	1.047277	0.998	0.984	0 Monocytes FTH1
RPL283	0	1.035012	0.98	0.918	0 Monocytes RPL28
RBP7	0	0.993228	0.258	0.015	0 Monocytes RBP7
LILRA5	0	0.98512	0.269	0.006	0 Monocytes LILRA5
PLBD12	0	0.981835	0.396	0.129	0 Monocytes PLBD1
MXD1	0	0.972011	0.44	0.126	0 Monocytes MXD1
LILRB2	0	0.970216	0.328	0.059	0 Monocytes LILRB2
TGFB12	0	0.966684	0.505	0.149	0 Monocytes TGFB1
TXN1	0	0.964241	0.491	0.178	0 Monocytes TXN
TMSB102	0	0.962681	0.983	0.923	0 Monocytes TMSB10
SH3BP51	0	0.961044	0.441	0.111	0 Monocytes SH3BP5
PID1	0	0.953522	0.303	0.049	0 Monocytes PID1
MCTP12	0	0.918049	0.493	0.181	0 Monocytes MCTP1
JAML1	0	0.915375	0.358	0.034	0 Monocytes JAML
CST33	0	0.913487	0.954	0.9	0 Monocytes CST3
TREM1	0	0.912169	0.504	0.194	0 Monocytes TREM1
KCNE1	0	0.909659	0.281	0.02	0 Monocytes KCNE1
AGTRAP	0	0.908479	0.455	0.148	0 Monocytes AGTRAP
EHD1	0	0.9048	0.27	0.036	0 Monocytes EHD1
H3F3A1	0	0.897622	0.92	0.773	0 Monocytes H3F3A
RPS91	0	0.890303	0.971	0.858	0 Monocytes RPS9
GSTP13	0	0.888078	0.811	0.574	0 Monocytes GSTP1
PFDN52	0	0.88354	0.901	0.722	0 Monocytes PFDN5
FOSL21	0	0.880584	0.515	0.205	0 Monocytes FOSL2
DAPK1	0	0.879029	0.319	0.041	0 Monocytes DAPK1
S100A111	0	0.866822	0.95	0.827	0 Monocytes S100A11
FYN1	0	0.863043	0.322	0.041	0 Monocytes FYN
THBD	0	0.862591	0.261	0.06	0 Monocytes THBD
KCNAB2	0	0.858433	0.35	0.05	0 Monocytes KCNAB2
OAZ12	0	0.858334	0.935	0.793	0 Monocytes OAZ1
SULF2	0	0.855931	0.293	0.031	0 Monocytes SULF2
AP1S22	0	0.854939	0.501	0.201	0 Monocytes AP1S2
RPS283	0	0.853271	0.967	0.876	0 Monocytes RPS28
FXD52	0	0.850559	0.826	0.561	0 Monocytes FXD5
CARD162	0	0.849386	0.475	0.17	0 Monocytes CARD16

RIPOR2	0	0.842885	0.269	0.047	0	Monocytes RIPOR2
TRAPPC52	0	0.833656	0.579	0.273	0	Monocytes TRAPPC5
VAMP52	0	0.82799	0.413	0.142	0	Monocytes VAMP5
FTL1	0	0.817978	0.994	0.973	0	Monocytes FTL
SLCO3A1	0	0.809563	0.258	0.024	0	Monocytes SLCO3A1
LDLRAD3	0	0.793084	0.255	0.018	0	Monocytes LDLRAD3
ANKRD28	0	0.790894	0.25	0.051	0	Monocytes ANKRD28
PLP21	0	0.789362	0.386	0.119	0	Monocytes PLP2
SERF21	0	0.789299	0.928	0.799	0	Monocytes SERF2
MYO1G	0	0.782959	0.275	0.026	0	Monocytes MYO1G
BCL3	0	0.781896	0.319	0.087	0	Monocytes BCL3
RPL83	0	0.779621	0.949	0.851	0	Monocytes RPL8
RPS133	0	0.774411	0.959	0.884	0	Monocytes RPS13
RAC21	0	0.768762	0.408	0.137	0	Monocytes RAC2
LILRB3	0	0.75608	0.299	0.034	0	Monocytes LILRB3
RPL393	0	0.747758	0.965	0.88	0	Monocytes RPL39
ICAM31	0	0.744149	0.273	0.035	0	Monocytes ICAM3
IQGAP22	0	0.742651	0.403	0.123	0	Monocytes IQGAP2
RPS143	0	0.735216	0.963	0.883	0	Monocytes RPS14
RARA	0	0.731788	0.298	0.064	0	Monocytes RARA
RPL35A3	0	0.731243	0.937	0.819	0	Monocytes RPL35A
RPL303	0	0.717168	0.968	0.892	0	Monocytes RPL30
AZI2	0	0.715164	0.348	0.099	0	Monocytes AZI2
RPL323	0	0.713918	0.967	0.907	0	Monocytes RPL32
CD93	0	0.711474	0.302	0.063	0	Monocytes CD93
RPL343	0	0.710023	0.962	0.878	0	Monocytes RPL34
RPS242	0	0.707493	0.961	0.9	0	Monocytes RPS24
RPS123	0	0.705684	0.97	0.914	0	Monocytes RPS12
RPLP12	0	0.699789	0.982	0.947	0	Monocytes RPLP1
RPL18A3	0	0.699577	0.962	0.88	0	Monocytes RPL18A
RPL263	0	0.689692	0.959	0.885	0	Monocytes RPL26
RPL113	0	0.683994	0.969	0.899	0	Monocytes RPL11
FAU3	0	0.683567	0.962	0.878	0	Monocytes FAU
RPS153	0	0.683438	0.964	0.892	0	Monocytes RPS15
SEPTIN9	0	0.676784	0.317	0.081	0	Monocytes SEPTIN9
IQSEC1	0	0.675213	0.271	0.066	0	Monocytes IQSEC1
CNN21	0	0.67212	0.297	0.036	0	Monocytes CNN2
RPL193	0	0.663617	0.963	0.904	0	Monocytes RPL19
BLVRA	0	0.663504	0.256	0.015	0	Monocytes BLVRA
RPL103	0	0.628216	0.98	0.946	0	Monocytes RPL10
MPEG1	0	0.613728	0.299	0.081	0	Monocytes MPEG1
UBXN11	0	0.558114	0.271	0.069	0	Monocytes UBXN11
BRI32	3.17E-305	0.88866	0.777	0.514	8.91E-301	Monocytes BRI3
CD552	2.62E-304	0.962834	0.66	0.345	7.36E-300	Monocytes CD55
ATP5F1E2	1.49E-303	0.792324	0.914	0.748	4.18E-299	Monocytes ATP5F1E
PTMA3	1.30E-302	0.622252	0.964	0.905	3.67E-298	Monocytes PTMA
UBA522	7.06E-302	0.706811	0.92	0.773	1.99E-297	Monocytes UBA52

RPL123	1.54E-301	0.638999	0.965	0.89	4.34E-297	Monocytes RPL12
BTG12	5.39E-301	0.909347	0.924	0.754	1.52E-296	Monocytes BTG1
RPS15A3	9.34E-301	0.638795	0.957	0.886	2.63E-296	Monocytes RPS15A
AHR2	1.28E-299	0.745215	0.397	0.142	3.61E-295	Monocytes AHR
TYROBP2	1.55E-298	0.584975	0.974	0.909	4.35E-294	Monocytes TYROBP
SNX101	2.33E-297	0.690538	0.462	0.187	6.55E-293	Monocytes SNX10
ISG201	4.45E-296	0.642838	0.304	0.091	1.25E-291	Monocytes ISG20
LUCAT11	2.66E-291	1.212109	0.372	0.135	7.47E-287	Monocytes LUCAT1
TAGLN21	1.40E-290	0.952561	0.601	0.307	3.95E-286	Monocytes TAGLN2
GSTO1	2.27E-289	0.877268	0.52	0.243	6.39E-285	Monocytes GSTO1
PTK2B2	8.50E-283	0.833587	0.551	0.257	2.39E-278	Monocytes PTK2B
SIPA1L13	7.52E-282	0.95998	0.84	0.556	2.12E-277	Monocytes SIPA1L1
ALDOA2	3.44E-281	0.972245	0.714	0.449	9.69E-277	Monocytes ALDOA
ABRACL	4.09E-281	0.627383	0.377	0.137	1.15E-276	Monocytes ABRACL
RPL293	3.34E-279	0.629287	0.95	0.878	9.40E-275	Monocytes RPL29
LY6E1	3.77E-279	0.999221	0.483	0.203	1.06E-274	Monocytes LY6E
IFITM32	8.53E-276	1.309109	0.734	0.458	2.40E-271	Monocytes IFITM3
NDRG1	1.00E-273	0.707635	0.254	0.071	2.82E-269	Monocytes NDRG1
G0S21	5.54E-273	1.784203	0.398	0.153	1.56E-268	Monocytes G0S2
SAP302	1.74E-270	0.943606	0.623	0.338	4.91E-266	Monocytes SAP30
ELOB	3.58E-270	0.773853	0.715	0.436	1.01E-265	Monocytes ELOB
AP2S12	3.62E-268	0.759098	0.621	0.337	1.02E-263	Monocytes AP2S1
FAM107B	1.48E-267	0.866969	0.4	0.155	4.17E-263	Monocytes FAM107B
TNFAIP2	1.00E-265	0.794103	0.408	0.162	2.83E-261	Monocytes TNFAIP2
TES1	9.17E-264	0.514506	0.308	0.098	2.58E-259	Monocytes TES
ASAP1	5.97E-263	0.888682	0.483	0.214	1.68E-258	Monocytes ASAP1
STXBP2	8.65E-263	1.073928	0.62	0.361	2.43E-258	Monocytes STXBP2
C1orf1622	7.78E-262	0.804579	0.791	0.547	2.19E-257	Monocytes C1orf162
ADGRE5	1.76E-261	0.801431	0.366	0.133	4.96E-257	Monocytes ADGRE5
DPYD1	1.25E-260	0.876753	0.746	0.455	3.53E-256	Monocytes DPYD
MYL61	1.18E-257	0.714454	0.918	0.769	3.31E-253	Monocytes MYL6
PRELID11	1.44E-256	0.79236	0.535	0.265	4.05E-252	Monocytes PRELID1
RPS183	6.85E-256	0.610068	0.962	0.904	1.93E-251	Monocytes RPS18
IQGAP12	3.78E-255	0.657445	0.582	0.289	1.06E-250	Monocytes IQGAP1
RPLP22	9.23E-255	0.64222	0.94	0.84	2.60E-250	Monocytes RPLP2
DENND5A1	7.34E-254	1.159197	0.503	0.251	2.07E-249	Monocytes DENND5A
TNFAIP81	2.40E-253	0.741788	0.356	0.132	6.75E-249	Monocytes TNFAIP8
CCL20	4.78E-253	1.678065	0.326	0.118	1.34E-248	Monocytes CCL20
C19orf38	3.95E-252	0.633308	0.352	0.131	1.11E-247	Monocytes C19orf38
LTA4H1	6.95E-251	0.772731	0.496	0.232	1.96E-246	Monocytes LTA4H
COX4I12	1.61E-250	0.702678	0.888	0.736	4.54E-246	Monocytes COX4I1
CFD1	2.17E-248	0.924364	0.624	0.354	6.10E-244	Monocytes CFD
LINC01619	3.88E-244	0.917436	0.388	0.158	1.09E-239	Monocytes LINC01619
MX2	1.15E-243	0.781509	0.378	0.148	3.23E-239	Monocytes MX2
ATP5MC23	4.41E-242	0.667271	0.878	0.717	1.24E-237	Monocytes ATP5MC2
PGD	6.59E-241	0.756122	0.445	0.202	1.85E-236	Monocytes PGD
HEBP2	4.33E-238	0.585429	0.315	0.111	1.22E-233	Monocytes HEBP2

TALDO11	2.92E-237	0.898558	0.616	0.359	8.23E-233	Monocytes TALDO1
RPS72	1.50E-236	0.629603	0.939	0.859	4.21E-232	Monocytes RPS7
RPL182	5.58E-236	0.573283	0.947	0.872	1.57E-231	Monocytes RPL18
CPD	2.41E-234	0.741547	0.281	0.092	6.78E-230	Monocytes CPD
SOCS31	1.79E-233	0.724875	0.432	0.185	5.04E-229	Monocytes SOCS3
FBP1	2.57E-233	0.74149	0.339	0.13	7.24E-229	Monocytes FBP1
RPL133	3.93E-233	0.543833	0.977	0.936	1.11E-228	Monocytes RPL13
GLIPR21	3.17E-232	0.635863	0.42	0.178	8.93E-228	Monocytes GLIPR2
HIGD2A3	2.91E-231	0.706224	0.684	0.424	8.19E-227	Monocytes HIGD2A
PKM1	1.87E-230	0.809728	0.692	0.446	5.25E-226	Monocytes PKM
SERP11	1.95E-227	0.692814	0.842	0.659	5.50E-223	Monocytes SERP1
HLA-C2	3.03E-227	0.695934	0.944	0.826	8.52E-223	Monocytes HLA-C
RPL363	1.86E-225	0.564307	0.937	0.832	5.23E-221	Monocytes RPL36
RACK13	7.87E-222	0.570066	0.922	0.82	2.22E-217	Monocytes RACK1
RABGEF11	3.00E-221	0.952759	0.648	0.389	8.43E-217	Monocytes RABGEF1
ENO12	7.11E-221	0.804877	0.714	0.472	2.00E-216	Monocytes ENO1
GMFG1	2.28E-219	0.765422	0.672	0.427	6.42E-215	Monocytes GMFG
MYL12A1	1.97E-217	0.726443	0.76	0.536	5.54E-213	Monocytes MYL12A
HLA-A2	3.67E-217	0.649711	0.943	0.835	1.03E-212	Monocytes HLA-A
POLE4	4.12E-217	0.458387	0.27	0.09	1.16E-212	Monocytes POLE4
IFITM11	6.92E-216	0.97844	0.302	0.11	1.95E-211	Monocytes IFITM1
PFN12	1.37E-215	0.643736	0.93	0.825	3.86E-211	Monocytes PFN1
HMGB22	1.00E-214	0.753536	0.514	0.262	2.82E-210	Monocytes HMGB2
MNDA2	8.91E-213	0.831693	0.553	0.307	2.51E-208	Monocytes MNDA
RPS210	5.83E-211	0.588203	0.946	0.85	1.64E-206	Monocytes RPS2
SLC25A61	9.51E-210	0.748623	0.814	0.652	2.68E-205	Monocytes SLC25A6
SERPINB1	3.39E-209	0.837054	0.638	0.393	9.54E-205	Monocytes SERPINB1
COX6B11	3.24E-208	0.65112	0.767	0.542	9.11E-204	Monocytes COX6B1
RPL71	1.09E-204	0.690198	0.802	0.611	3.07E-200	Monocytes RPL7
MAP2K11	1.60E-203	0.809955	0.591	0.347	4.49E-199	Monocytes MAP2K1
EFHD21	1.44E-202	0.698024	0.604	0.36	4.04E-198	Monocytes EFHD2
VEGFA2	2.46E-200	0.663621	0.359	0.146	6.93E-196	Monocytes VEGFA
PLIN22	1.51E-199	1.284862	0.569	0.323	4.24E-195	Monocytes PLIN2
ZEB21	4.38E-199	0.945269	0.789	0.606	1.23E-194	Monocytes ZEB2
AGFG1	6.35E-197	0.657673	0.416	0.192	1.79E-192	Monocytes AGFG1
CYTIP1	7.08E-196	0.615812	0.401	0.178	1.99E-191	Monocytes CYTIP
MYD88	1.21E-195	0.516289	0.295	0.111	3.42E-191	Monocytes MYD88
COX8A1	1.27E-195	0.611799	0.71	0.469	3.57E-191	Monocytes COX8A
RPL372	2.77E-195	0.508225	0.946	0.868	7.78E-191	Monocytes RPL37
RPS82	6.86E-195	0.519645	0.968	0.914	1.93E-190	Monocytes RPS8
RPL222	6.61E-191	0.574467	0.891	0.75	1.86E-186	Monocytes RPL22
CLIC11	1.14E-190	0.627724	0.833	0.653	3.21E-186	Monocytes CLIC1
PRKCB	4.80E-188	0.685395	0.475	0.236	1.35E-183	Monocytes PRKCB
LST1	1.47E-187	0.945713	0.7	0.496	4.13E-183	Monocytes LST1
LCP11	4.44E-187	0.69234	0.672	0.431	1.25E-182	Monocytes LCP1
SAMSN11	1.18E-185	0.774119	0.806	0.597	3.33E-181	Monocytes SAMSN1
CASP4	1.51E-184	0.499079	0.324	0.132	4.26E-180	Monocytes CASP4

RPL242	3.64E-184	0.511933	0.923	0.813	1.02E-179	Monocytes RPL24
RPS263	5.02E-182	0.6385	0.93	0.811	1.41E-177	Monocytes RPS26
RPS272	1.14E-181	0.484457	0.954	0.876	3.20E-177	Monocytes RPS27
ZYX2	1.97E-181	0.582538	0.682	0.439	5.54E-177	Monocytes ZYX
HIPK21	2.97E-181	0.662684	0.393	0.182	8.35E-177	Monocytes HIPK2
ATP5MG2	2.92E-180	0.591555	0.805	0.609	8.22E-176	Monocytes ATP5MG
RPL7A2	5.97E-178	0.495897	0.943	0.868	1.68E-173	Monocytes RPL7A
EEF1D2	6.90E-177	0.560953	0.856	0.69	1.94E-172	Monocytes EEF1D
ATP2B1-AS	5.11E-176	0.802231	0.707	0.496	1.44E-171	Monocytes ATP2B1-AS1
HBEGF2	3.38E-174	0.685536	0.546	0.293	9.52E-170	Monocytes HBEGF
ODF3B1	8.98E-174	0.542083	0.431	0.208	2.53E-169	Monocytes ODF3B
BCL2A12	9.43E-174	0.952122	0.731	0.5	2.65E-169	Monocytes BCL2A1
MEGF9	1.66E-173	0.520934	0.278	0.107	4.68E-169	Monocytes MEGF9
EIF3K2	9.84E-172	0.593265	0.766	0.574	2.77E-167	Monocytes EIF3K
TSPO1	2.02E-171	0.777373	0.794	0.604	5.67E-167	Monocytes TSPO
RNASEK1	2.08E-171	0.580134	0.86	0.705	5.86E-167	Monocytes RNASEK
STK17B2	8.47E-171	0.567921	0.649	0.394	2.38E-166	Monocytes STK17B
RPS4X3	1.87E-170	0.505119	0.931	0.853	5.27E-166	Monocytes RPS4X
SOD22	3.12E-170	1.309149	0.74	0.577	8.77E-166	Monocytes SOD2
LITAF2	8.54E-170	0.675376	0.674	0.44	2.40E-165	Monocytes LITAF
RPL143	9.42E-170	0.46509	0.939	0.853	2.65E-165	Monocytes RPL14
PSME12	2.15E-169	0.598766	0.651	0.426	6.05E-165	Monocytes PSME1
RPS213	2.71E-169	0.523549	0.913	0.802	7.64E-165	Monocytes RPS21
RPS32	4.21E-169	0.472265	0.953	0.875	1.18E-164	Monocytes RPS3
PPIF	1.17E-164	1.046004	0.424	0.226	3.28E-160	Monocytes PPIF
HLA-B1	2.14E-164	0.442459	0.984	0.932	6.02E-160	Monocytes HLA-B
UTRN3	5.88E-164	0.610102	0.533	0.297	1.65E-159	Monocytes UTRN
CALHM62	6.52E-163	0.582167	0.486	0.261	1.83E-158	Monocytes CALHM6
GUK1	3.07E-162	0.610008	0.627	0.399	8.63E-158	Monocytes GUK1
NACA2	3.92E-161	0.49538	0.926	0.833	1.10E-156	Monocytes NACA
COX5B	1.76E-160	0.558899	0.71	0.494	4.96E-156	Monocytes COX5B
GABARAP1	3.92E-160	0.514172	0.916	0.786	1.10E-155	Monocytes GABARAP
UQCR111	1.10E-159	0.575271	0.706	0.488	3.11E-155	Monocytes UQCR11
RPL62	1.62E-159	0.519418	0.931	0.856	4.57E-155	Monocytes RPL6
WARS	8.35E-159	0.735689	0.345	0.161	2.35E-154	Monocytes WARS
APLP2	2.98E-158	0.674545	0.683	0.471	8.38E-154	Monocytes APLP2
ATP5F1D2	6.88E-158	0.535264	0.697	0.473	1.94E-153	Monocytes ATP5F1D
VAMP83	1.88E-157	0.595287	0.724	0.519	5.29E-153	Monocytes VAMP8
STK10	2.67E-157	0.626662	0.439	0.226	7.53E-153	Monocytes STK10
CHST15	5.57E-157	0.581452	0.297	0.124	1.57E-152	Monocytes CHST15
LRRFIP11	3.50E-156	0.587673	0.742	0.524	9.84E-152	Monocytes LRRFIP1
AC007384.	1.48E-154	0.635658	0.389	0.189	4.15E-150	Monocytes AC007384.1
UQCRH1	1.91E-153	0.567338	0.656	0.44	5.37E-149	Monocytes UQCRH
ATP6VOC1	3.79E-153	0.555469	0.85	0.691	1.07E-148	Monocytes ATP6VOC
RIPK22	3.54E-150	0.572514	0.449	0.238	9.97E-146	Monocytes RIPK2
STMP1	1.07E-149	0.48451	0.396	0.197	3.01E-145	Monocytes STMP1
FES	1.22E-149	0.418859	0.276	0.114	3.43E-145	Monocytes FES

CNIH4	5.74E-149	0.471035	0.266	0.109	1.62E-144	Monocytes CNIH4
DMXL2	2.15E-148	0.637715	0.343	0.159	6.05E-144	Monocytes DMXL2
SLC6A6	5.00E-147	0.462067	0.254	0.099	1.41E-142	Monocytes SLC6A6
COTL12	5.76E-147	0.745405	0.815	0.694	1.62E-142	Monocytes COTL1
ISG151	1.66E-146	0.850701	0.37	0.18	4.66E-142	Monocytes ISG15
DOCK51	5.04E-146	0.474912	0.373	0.177	1.42E-141	Monocytes DOCK5
TNIP1	2.13E-144	0.489753	0.287	0.124	5.98E-140	Monocytes TNIP1
RPS233	4.29E-144	0.403955	0.964	0.908	1.21E-139	Monocytes RPS23
OXSR1	9.50E-144	0.580158	0.313	0.14	2.67E-139	Monocytes OXSR1
ZNF385A1	1.17E-143	0.482718	0.382	0.191	3.30E-139	Monocytes ZNF385A
COX7A2	4.66E-143	0.545091	0.578	0.369	1.31E-138	Monocytes COX7A2
BLOC1S11	5.04E-143	0.548389	0.582	0.365	1.42E-138	Monocytes BLOC1S1
TXNIP2	9.40E-143	0.910405	0.527	0.324	2.65E-138	Monocytes TXNIP
MS4A6A3	1.06E-142	0.627758	0.726	0.536	2.99E-138	Monocytes MS4A6A
UBE2R2	3.86E-142	0.590947	0.466	0.264	1.09E-137	Monocytes UBE2R2
ZFAND53	9.58E-142	0.658106	0.7	0.494	2.70E-137	Monocytes ZFAND5
C4orf31	1.46E-141	0.606896	0.521	0.312	4.11E-137	Monocytes C4orf3
PSMA61	4.31E-141	0.541061	0.513	0.308	1.21E-136	Monocytes PSMA6
MIF2	4.96E-140	1.119108	0.734	0.534	1.39E-135	Monocytes MIF
CAPNS1	9.66E-140	0.549575	0.463	0.264	2.72E-135	Monocytes CAPNS1
TNFRSF14	1.89E-139	0.449348	0.315	0.143	5.33E-135	Monocytes TNFRSF14
PIM3	4.95E-139	0.514501	0.307	0.138	1.39E-134	Monocytes PIM3
NOTCH2	1.04E-138	0.468618	0.288	0.124	2.91E-134	Monocytes NOTCH2
PSMB92	1.24E-138	0.539136	0.482	0.276	3.48E-134	Monocytes PSMB9
ARPC31	7.54E-138	0.460525	0.886	0.764	2.12E-133	Monocytes ARPC3
RNF144B3	1.89E-137	0.609659	0.514	0.301	5.31E-133	Monocytes RNF144B
PRKCE1	1.22E-136	0.518996	0.395	0.199	3.44E-132	Monocytes PRKCE
ARPC1B1	3.86E-135	0.516429	0.83	0.681	1.08E-130	Monocytes ARPC1B
PTEN1	5.26E-135	0.563177	0.507	0.299	1.48E-130	Monocytes PTEN
COX7C1	5.70E-135	0.475782	0.77	0.594	1.60E-130	Monocytes COX7C
PLXNC11	1.64E-134	0.448788	0.306	0.138	4.61E-130	Monocytes PLXNC1
PTPN121	1.97E-133	0.521338	0.346	0.168	5.55E-129	Monocytes PTPN12
FCER1G1	2.96E-132	0.491013	0.924	0.814	8.34E-128	Monocytes FCER1G
RPL152	1.94E-131	0.433007	0.925	0.855	5.47E-127	Monocytes RPL15
PYCARD1	2.54E-131	0.555665	0.678	0.477	7.16E-127	Monocytes PYCARD
SPG21	2.72E-131	0.41876	0.336	0.162	7.66E-127	Monocytes SPG21
PRDX51	4.94E-131	0.48306	0.527	0.319	1.39E-126	Monocytes PRDX5
RPS111	5.60E-131	0.486865	0.845	0.689	1.58E-126	Monocytes RPS11
RPS52	6.43E-131	0.451138	0.887	0.766	1.81E-126	Monocytes RPS5
TET22	1.64E-130	0.585205	0.529	0.32	4.61E-126	Monocytes TET2
BTF33	8.48E-130	0.494301	0.835	0.702	2.38E-125	Monocytes BTF3
ATP5PD1	1.72E-129	0.498291	0.575	0.367	4.85E-125	Monocytes ATP5PD
RPL312	5.57E-129	0.452468	0.825	0.665	1.57E-124	Monocytes RPL31
RPS3A2	6.36E-128	0.447942	0.944	0.874	1.79E-123	Monocytes RPS3A
RPL36A2	2.11E-127	0.462614	0.876	0.76	5.95E-123	Monocytes RPL36A
ATG31	2.47E-127	0.425069	0.403	0.214	6.95E-123	Monocytes ATG3
RPL91	4.39E-127	0.466485	0.907	0.795	1.23E-122	Monocytes RPL9

LAMTOR4	4.11E-126	0.526146	0.701	0.505	1.16E-121	Monocytes	LAMTOR4
GNG5	4.57E-126	0.474999	0.791	0.617	1.29E-121	Monocytes	GNG5
GSTK11	1.83E-125	0.500742	0.571	0.375	5.15E-121	Monocytes	GSTK1
RPS161	4.56E-125	0.441603	0.923	0.827	1.28E-120	Monocytes	RPS16
PGS1	4.64E-125	0.489905	0.266	0.116	1.31E-120	Monocytes	PGS1
RPL172	2.52E-123	0.410141	0.923	0.833	7.09E-119	Monocytes	RPL17
HPCAL1	5.52E-123	0.522681	0.284	0.129	1.55E-118	Monocytes	HPCAL1
HCST1	2.95E-122	0.530113	0.726	0.539	8.31E-118	Monocytes	HCST
TMEM167A	3.93E-122	0.452293	0.34	0.17	1.11E-117	Monocytes	TMEM167A
PGAM1	7.61E-122	0.509879	0.464	0.278	2.14E-117	Monocytes	PGAM1
CUX1	1.39E-121	0.548966	0.592	0.393	3.90E-117	Monocytes	CUX1
FCGR2B2	1.55E-121	0.550841	0.299	0.138	4.35E-117	Monocytes	FCGR2B
YBX12	1.23E-120	0.490615	0.805	0.663	3.47E-116	Monocytes	YBX1
RPS171	5.22E-120	0.533416	0.646	0.461	1.47E-115	Monocytes	RPS17
RILPL2	8.69E-120	0.54483	0.741	0.546	2.45E-115	Monocytes	RILPL2
MAPK6	1.04E-119	0.468721	0.264	0.118	2.92E-115	Monocytes	MAPK6
GPSM3	8.63E-119	0.498887	0.626	0.427	2.43E-114	Monocytes	GPSM3
SEC61G	1.07E-118	0.604467	0.455	0.27	3.02E-114	Monocytes	SEC61G
BNIP3L	1.43E-118	0.603617	0.531	0.339	4.04E-114	Monocytes	BNIP3L
TRPS1	7.99E-118	0.538752	0.427	0.238	2.25E-113	Monocytes	TRPS1
OGDH1	1.77E-117	0.433954	0.291	0.136	4.97E-113	Monocytes	OGDH
RPL272	2.65E-117	0.444716	0.842	0.707	7.46E-113	Monocytes	RPL27
ARPC5	8.54E-117	0.491573	0.661	0.473	2.40E-112	Monocytes	ARPC5
LRRK2	1.07E-116	0.51447	0.387	0.206	3.02E-112	Monocytes	LRRK2
FNBP1	1.94E-116	0.444953	0.427	0.239	5.45E-112	Monocytes	FNBP1
CHCHD2	2.14E-116	0.445285	0.746	0.57	6.01E-112	Monocytes	CHCHD2
RPL353	1.25E-115	0.404076	0.902	0.796	3.51E-111	Monocytes	RPL35
GAS7	7.98E-115	0.493679	0.341	0.173	2.24E-110	Monocytes	GAS7
RYBP	1.46E-114	0.466553	0.251	0.111	4.12E-110	Monocytes	RYBP
FNDC3A	2.59E-114	0.709469	0.532	0.344	7.29E-110	Monocytes	FNDC3A
ARPC2	2.87E-114	0.439104	0.789	0.634	8.06E-110	Monocytes	ARPC2
TMEM258	4.03E-114	0.497308	0.572	0.375	1.13E-109	Monocytes	TMEM258
FKBP1A	8.18E-114	0.464281	0.475	0.289	2.30E-109	Monocytes	FKBP1A
TNFAIP3	8.56E-113	0.681983	0.723	0.547	2.41E-108	Monocytes	TNFAIP3
EVI2B	1.12E-112	0.49605	0.599	0.407	3.14E-108	Monocytes	EVI2B
ATP5MC3	8.80E-112	0.443077	0.621	0.433	2.48E-107	Monocytes	ATP5MC3
C7orf50	6.99E-111	0.371586	0.302	0.146	1.97E-106	Monocytes	C7orf50
ATP1B3	2.96E-110	0.533458	0.685	0.494	8.32E-106	Monocytes	ATP1B3
RPL23A	9.81E-110	0.408685	0.893	0.777	2.76E-105	Monocytes	RPL23A
PGLS	3.73E-108	0.45533	0.569	0.377	1.05E-103	Monocytes	PGLS
CALM3	2.02E-107	0.419147	0.373	0.203	5.68E-103	Monocytes	CALM3
RALA	1.04E-106	0.415477	0.253	0.115	2.94E-102	Monocytes	RALA
UBAP1	3.88E-106	0.539983	0.454	0.273	1.09E-101	Monocytes	UBAP1
NDUFA1	2.97E-105	0.414791	0.634	0.439	8.35E-101	Monocytes	NDUFA1
RPL4	3.74E-105	0.71631	0.927	0.816	1.05E-100	Monocytes	RPL4
PDE4A	3.76E-105	0.536405	0.416	0.241	1.06E-100	Monocytes	PDE4A
FOXO3	7.05E-104	0.601032	0.565	0.38	1.98E-99	Monocytes	FOXO3

SHKBP1	7.96E-104	0.406562	0.325	0.169	2.24E-99	Monocytes SHKBP1
TCIRG1	1.10E-103	0.485392	0.48	0.3	3.11E-99	Monocytes TCIRG1
UBALD21	1.50E-103	0.467938	0.453	0.273	4.22E-99	Monocytes UBALD2
RPS192	2.26E-102	0.335175	0.964	0.921	6.36E-98	Monocytes RPS19
POR	3.78E-102	0.392315	0.264	0.125	1.06E-97	Monocytes POR
AIF11	7.39E-102	0.4705	0.877	0.782	2.08E-97	Monocytes AIF1
ATP6VOD1	3.00E-101	0.485341	0.518	0.338	8.45E-97	Monocytes ATP6VOD1
TNFSF13B	4.02E-101	0.455576	0.426	0.249	1.13E-96	Monocytes TNFSF13B
RPLP02	1.01E-100	0.364341	0.932	0.867	2.84E-96	Monocytes RPLP0
GNAI21	1.50E-100	0.409165	0.814	0.668	4.23E-96	Monocytes GNAI2
PSMB31	2.08E-100	0.435503	0.535	0.352	5.86E-96	Monocytes PSMB3
EEF1A12	3.37E-100	0.36005	0.982	0.964	9.48E-96	Monocytes EEF1A1
COX7B	4.09E-100	0.43141	0.59	0.408	1.15E-95	Monocytes COX7B
VASP	4.15E-100	0.463074	0.407	0.241	1.17E-95	Monocytes VASP
SLC2A31	1.00E-99	0.638123	0.581	0.38	2.82E-95	Monocytes SLC2A3
STX10	1.68E-99	0.376369	0.298	0.15	4.72E-95	Monocytes STX10
SSR41	1.72E-99	0.446771	0.668	0.491	4.85E-95	Monocytes SSR4
IL101	4.21E-99	0.794554	0.277	0.137	1.19E-94	Monocytes IL10
RPS253	5.70E-98	0.328122	0.93	0.847	1.60E-93	Monocytes RPS25
GRINA	1.15E-97	0.445442	0.602	0.423	3.24E-93	Monocytes GRINA
SIK31	1.32E-97	0.598383	0.594	0.418	3.71E-93	Monocytes SIK3
SLC7A7	1.61E-97	0.443622	0.433	0.266	4.52E-93	Monocytes SLC7A7
EIF2AK31	1.95E-97	0.552873	0.327	0.173	5.48E-93	Monocytes EIF2AK3
PSME22	4.04E-97	0.453766	0.524	0.346	1.14E-92	Monocytes PSME2
UQCRC1	5.29E-97	0.376801	0.411	0.242	1.49E-92	Monocytes UQCRC1
POLR1D	2.71E-96	0.391863	0.427	0.253	7.61E-92	Monocytes POLR1D
RNH1	3.02E-96	0.427366	0.511	0.335	8.49E-92	Monocytes RNH1
ATP6V1G1	3.87E-96	0.416702	0.589	0.413	1.09E-91	Monocytes ATP6V1G1
MBD2	8.48E-96	0.434214	0.299	0.155	2.39E-91	Monocytes MBD2
APRT2	1.48E-95	0.406966	0.545	0.366	4.17E-91	Monocytes APRT
PECAM1	4.06E-95	0.483886	0.326	0.176	1.14E-90	Monocytes PECAM1
TPT12	8.92E-95	0.332754	0.978	0.955	2.51E-90	Monocytes TPT1
GPI	2.42E-94	0.553953	0.402	0.241	6.82E-90	Monocytes GPI
NDUFA14	5.54E-94	0.422744	0.593	0.412	1.56E-89	Monocytes NDUFA1
TRAPPC1	1.25E-93	0.389317	0.47	0.292	3.51E-89	Monocytes TRAPPC1
PRR131	1.28E-93	0.408048	0.63	0.45	3.61E-89	Monocytes PRR13
ERP292	1.49E-93	0.391254	0.587	0.403	4.20E-89	Monocytes ERP29
GCH1	3.71E-93	0.518759	0.339	0.188	1.04E-88	Monocytes GCH1
MPHOSPH6	7.83E-93	0.382858	0.256	0.124	2.20E-88	Monocytes MPHOSPH6
POLR2L	1.65E-92	0.419953	0.455	0.286	4.63E-88	Monocytes POLR2L
SLC36A4	1.69E-92	0.359675	0.256	0.124	4.76E-88	Monocytes SLC36A4
TOM1	2.09E-92	0.468638	0.642	0.461	5.88E-88	Monocytes TOM1
FAM49A1	1.29E-91	0.444423	0.504	0.326	3.64E-87	Monocytes FAM49A
UBE2D1	1.65E-91	0.430379	0.322	0.174	4.63E-87	Monocytes UBE2D1
CRTAP1	2.96E-91	0.407131	0.496	0.325	8.34E-87	Monocytes CRTAP
LILRA2	3.12E-91	0.383107	0.277	0.141	8.78E-87	Monocytes LILRA2
RPL37A2	5.64E-91	0.379107	0.879	0.778	1.59E-86	Monocytes RPL37A

ATP5MPL1	1.95E-90	0.411126	0.475	0.306	5.49E-86	Monocytes ATP5MPL
SNRPD21	2.03E-90	0.387204	0.6	0.423	5.73E-86	Monocytes SNRPD2
CSTB1	5.17E-90	0.676451	0.586	0.416	1.46E-85	Monocytes CSTB
PTPRE2	4.35E-89	0.417729	0.68	0.502	1.22E-84	Monocytes PTPRE
H2AFY1	5.15E-89	0.414737	0.676	0.513	1.45E-84	Monocytes H2AFY
COX5A2	8.16E-88	0.381494	0.586	0.411	2.30E-83	Monocytes COX5A
DENND1A1	1.00E-87	0.38627	0.383	0.221	2.81E-83	Monocytes DENND1A
CASP1	1.03E-87	0.358733	0.413	0.248	2.88E-83	Monocytes CASP1
PSMA7	3.86E-87	0.426683	0.638	0.479	1.09E-82	Monocytes PSMA7
HCK	4.09E-87	0.533452	0.494	0.339	1.15E-82	Monocytes HCK
HMG2	7.90E-87	0.362714	0.659	0.486	2.22E-82	Monocytes HMG2
OST4	3.23E-86	0.376159	0.654	0.472	9.09E-82	Monocytes OST4
RPL13A2	4.15E-86	0.381193	0.862	0.742	1.17E-81	Monocytes RPL13A
RNF181	5.98E-86	0.402367	0.435	0.269	1.68E-81	Monocytes RNF181
SNHG292	1.39E-85	0.432388	0.694	0.547	3.91E-81	Monocytes SNHG29
AURKAIP1	1.75E-85	0.367013	0.413	0.252	4.94E-81	Monocytes AURKAIP1
NDUFA12	1.79E-85	0.340358	0.357	0.204	5.03E-81	Monocytes NDUFA12
DCTN3	3.04E-85	0.280325	0.285	0.148	8.54E-81	Monocytes DCTN3
ANAPC11	3.33E-85	0.352429	0.493	0.319	9.38E-81	Monocytes ANAPC11
RPL10A2	8.58E-85	0.383255	0.863	0.762	2.41E-80	Monocytes RPL10A
NDUFB11	9.14E-85	0.365024	0.589	0.411	2.57E-80	Monocytes NDUFB11
COMMD61	1.34E-84	0.366423	0.726	0.55	3.77E-80	Monocytes COMMD6
ATP5MD	1.45E-84	0.404119	0.56	0.391	4.08E-80	Monocytes ATP5MD
GNS	7.53E-84	0.378853	0.351	0.201	2.12E-79	Monocytes GNS
RPL36AL2	1.41E-83	0.374216	0.803	0.656	3.97E-79	Monocytes RPL36AL
MYO9B1	1.69E-83	0.490897	0.643	0.481	4.75E-79	Monocytes MYO9B
UQCRB	1.77E-83	0.35892	0.716	0.552	4.98E-79	Monocytes UQCRB
CSNK2B	3.17E-83	0.388096	0.606	0.438	8.93E-79	Monocytes CSNK2B
AL138720.1	5.83E-83	0.450276	0.313	0.173	1.64E-78	Monocytes AL138720.1
RPS27A2	6.06E-83	0.312909	0.948	0.882	1.71E-78	Monocytes RPS27A
LDHA1	1.76E-82	0.607934	0.613	0.449	4.95E-78	Monocytes LDHA
SELL	2.07E-82	0.500145	0.31	0.173	5.83E-78	Monocytes SELL
SLC11A12	2.26E-82	0.412844	0.814	0.63	6.37E-78	Monocytes SLC11A1
NDUFB91	3.35E-82	0.369581	0.486	0.319	9.42E-78	Monocytes NDUFB9
RPL231	3.65E-82	0.397083	0.702	0.542	1.03E-77	Monocytes RPL23
SMCHD11	4.66E-82	0.472825	0.436	0.274	1.31E-77	Monocytes SMCHD1
CYTH11	1.04E-81	0.379659	0.46	0.292	2.93E-77	Monocytes CYTH1
HLA-F	1.61E-81	0.381156	0.419	0.258	4.54E-77	Monocytes HLA-F
SIGIRR	1.68E-81	0.294694	0.254	0.127	4.72E-77	Monocytes SIGIRR
SUPT4H1	1.91E-81	0.350628	0.396	0.24	5.37E-77	Monocytes SUPT4H1
NDUFB21	2.02E-81	0.333205	0.598	0.419	5.69E-77	Monocytes NDUFB2
CHPT12	4.63E-81	0.403401	0.349	0.201	1.30E-76	Monocytes CHPT1
CCNI1	1.19E-80	0.421523	0.729	0.584	3.36E-76	Monocytes CCNI
GRN2	7.66E-80	0.439208	0.794	0.665	2.16E-75	Monocytes GRN
DUSP23	1.44E-79	0.606216	0.554	0.394	4.05E-75	Monocytes DUSP2
ITGA5	4.13E-79	0.442004	0.307	0.171	1.16E-74	Monocytes ITGA5
PNPLA8	4.42E-79	0.458672	0.444	0.285	1.24E-74	Monocytes PNPLA8

VMP11	5.55E-79	0.464485	0.609	0.449	1.56E-74	Monocytes VMP1
ERN1	6.86E-79	0.430231	0.311	0.175	1.93E-74	Monocytes ERN1
NUMB1	8.69E-79	0.534449	0.526	0.368	2.44E-74	Monocytes NUMB
NDUFS51	1.23E-78	0.361433	0.554	0.384	3.47E-74	Monocytes NDUFS5
CHMP1B1	1.35E-78	0.55542	0.42	0.268	3.80E-74	Monocytes CHMP1B
TMEM1231	2.05E-78	0.411016	0.414	0.262	5.76E-74	Monocytes TMEM123
PSMB101	2.44E-78	0.343981	0.481	0.318	6.87E-74	Monocytes PSMB10
PCBP1	2.62E-78	0.426979	0.566	0.405	7.38E-74	Monocytes PCBP1
ATP5PO	2.72E-78	0.34295	0.586	0.42	7.65E-74	Monocytes ATP5PO
RAB5IF	4.88E-78	0.389277	0.361	0.217	1.37E-73	Monocytes RAB5IF
RNF1491	9.65E-78	0.400951	0.732	0.559	2.72E-73	Monocytes RNF149
NOP101	1.11E-77	0.388497	0.487	0.324	3.13E-73	Monocytes NOP10
ATP6V1F	1.75E-77	0.417558	0.671	0.516	4.92E-73	Monocytes ATP6V1F
PRKAG21	1.67E-76	0.431208	0.521	0.353	4.69E-72	Monocytes PRKAG2
TLE51	1.74E-76	0.305032	0.347	0.2	4.90E-72	Monocytes TLE5
MGAT11	2.36E-76	0.42159	0.654	0.494	6.65E-72	Monocytes MGAT1
TIMM8B	4.33E-76	0.257905	0.254	0.129	1.22E-71	Monocytes TIMM8B
MRPL33	4.48E-76	0.29878	0.319	0.181	1.26E-71	Monocytes MRPL33
WDR83OS	4.51E-76	0.35008	0.614	0.447	1.27E-71	Monocytes WDR83OS
ITGB21	1.30E-75	0.351523	0.836	0.737	3.67E-71	Monocytes ITGB2
PPP1CB2	2.03E-75	0.365205	0.397	0.245	5.72E-71	Monocytes PPP1CB
RPL382	5.77E-75	0.344207	0.776	0.643	1.62E-70	Monocytes RPL38
MRPS24	1.60E-74	0.332742	0.324	0.186	4.51E-70	Monocytes MRPS24
TPI1	1.94E-74	0.449705	0.759	0.608	5.45E-70	Monocytes TPI1
EDF12	2.69E-74	0.334311	0.643	0.479	7.58E-70	Monocytes EDF1
NAA381	3.01E-74	0.329773	0.39	0.239	8.48E-70	Monocytes NAA38
TBCA	3.44E-74	0.338704	0.5	0.34	9.69E-70	Monocytes TBCA
NDUFA2	5.65E-74	0.333198	0.437	0.28	1.59E-69	Monocytes NDUFA2
GNB2	1.04E-73	0.388702	0.607	0.455	2.92E-69	Monocytes GNB2
IFI62	1.76E-73	0.559706	0.439	0.278	4.96E-69	Monocytes IFI6
SUB11	1.98E-73	0.358151	0.599	0.446	5.56E-69	Monocytes SUB1
CIB12	6.64E-73	0.356145	0.48	0.323	1.87E-68	Monocytes CIB1
ARHGDIB2	8.74E-73	0.375239	0.815	0.698	2.46E-68	Monocytes ARHGDIB
LACTB	1.33E-72	0.283607	0.302	0.168	3.73E-68	Monocytes LACTB
UBL51	1.37E-72	0.361429	0.623	0.463	3.87E-68	Monocytes UBL5
MT2A1	5.25E-72	0.338436	0.56	0.383	1.48E-67	Monocytes MT2A
C9orf162	5.32E-72	0.308403	0.501	0.338	1.50E-67	Monocytes C9orf16
CXCL83	1.65E-71	0.70959	0.641	0.501	4.64E-67	Monocytes CXCL8
AGO2	1.67E-71	0.354251	0.298	0.167	4.69E-67	Monocytes AGO2
C5AR12	4.48E-71	0.477671	0.677	0.516	1.26E-66	Monocytes C5AR1
TMA7	7.27E-71	0.355427	0.696	0.549	2.04E-66	Monocytes TMA7
EIF11	1.37E-70	0.323693	0.965	0.923	3.86E-66	Monocytes EIF1
PRMT91	1.61E-70	0.336241	0.286	0.158	4.54E-66	Monocytes PRMT9
AGTPBP1	2.12E-70	0.322772	0.307	0.174	5.98E-66	Monocytes AGTPBP1
ARF51	3.49E-70	0.323986	0.529	0.372	9.82E-66	Monocytes ARF5
ATP5MF1	3.50E-70	0.342141	0.576	0.419	9.85E-66	Monocytes ATP5MF
HSBP11	4.38E-70	0.380378	0.427	0.282	1.23E-65	Monocytes HSBP1

GCA	5.49E-70	0.46167	0.382	0.244	1.54E-65	Monocytes GCA
NEDD81	7.89E-70	0.351054	0.513	0.359	2.22E-65	Monocytes NEDD8
NFIL31	1.04E-69	0.36989	0.481	0.318	2.94E-65	Monocytes NFIL3
PCNX1	2.19E-69	0.422898	0.296	0.168	6.17E-65	Monocytes PCNX1
ZNHIT1	2.28E-69	0.29261	0.335	0.198	6.41E-65	Monocytes ZNHIT1
EIF3H2	4.06E-69	0.337726	0.62	0.471	1.14E-64	Monocytes EIF3H
PSTPIP21	6.14E-69	0.290522	0.26	0.139	1.73E-64	Monocytes PSTPIP2
TAF102	1.33E-68	0.361426	0.605	0.456	3.74E-64	Monocytes TAF10
SF3B5	1.86E-68	0.369538	0.482	0.333	5.24E-64	Monocytes SF3B5
ARL8B1	2.08E-68	0.430243	0.476	0.328	5.85E-64	Monocytes ARL8B
NME22	2.59E-68	0.311909	0.804	0.663	7.29E-64	Monocytes NME2
EIF4EBP1	2.79E-68	0.285658	0.283	0.158	7.86E-64	Monocytes EIF4EBP1
SQOR	2.81E-68	0.345571	0.309	0.18	7.89E-64	Monocytes SQOR
EIF3G2	3.49E-68	0.325261	0.623	0.468	9.82E-64	Monocytes EIF3G
ZFAS1	3.66E-68	0.342068	0.744	0.6	1.03E-63	Monocytes ZFAS1
AMPD2	6.99E-68	0.296303	0.301	0.171	1.97E-63	Monocytes AMPD2
ALKBH71	1.09E-67	0.348962	0.474	0.322	3.07E-63	Monocytes ALKBH7
ETHE1	1.39E-67	0.319032	0.267	0.148	3.90E-63	Monocytes ETHE1
SMDT12	2.22E-67	0.326777	0.512	0.356	6.26E-63	Monocytes SMDT1
DDT	2.60E-67	0.33518	0.275	0.155	7.32E-63	Monocytes DDT
ANXA51	3.08E-67	0.345192	0.759	0.63	8.67E-63	Monocytes ANXA5
ACTN4	5.05E-67	0.265372	0.268	0.146	1.42E-62	Monocytes ACTN4
TAOK33	1.02E-66	0.381556	0.601	0.448	2.86E-62	Monocytes TAOK3
STX113	3.25E-66	0.340711	0.524	0.363	9.14E-62	Monocytes STX11
SLC39A11	6.11E-66	0.318141	0.267	0.147	1.72E-61	Monocytes SLC39A11
BAZ1A1	8.05E-66	0.385706	0.419	0.275	2.27E-61	Monocytes BAZ1A
NDUFA13	1.41E-65	0.327693	0.639	0.487	3.96E-61	Monocytes NDUFA13
PGK1	1.86E-65	0.454941	0.642	0.51	5.23E-61	Monocytes PGK1
SEC61B	2.81E-65	0.370886	0.617	0.468	7.92E-61	Monocytes SEC61B
ECH1	3.80E-65	0.305035	0.341	0.209	1.07E-60	Monocytes ECH1
NDUFA7	9.31E-65	0.278177	0.314	0.185	2.62E-60	Monocytes NDUFA7
EEF1G3	1.30E-64	0.327736	0.82	0.691	3.66E-60	Monocytes EEF1G
SAT13	1.45E-64	0.303253	0.991	0.97	4.07E-60	Monocytes SAT1
GK2	4.20E-64	0.370294	0.515	0.356	1.18E-59	Monocytes GK
CREB52	6.51E-64	0.367595	0.259	0.142	1.83E-59	Monocytes CREB5
EIF4E2	6.88E-64	0.260431	0.253	0.137	1.94E-59	Monocytes EIF4E2
ABHD5	7.36E-64	0.474282	0.277	0.158	2.07E-59	Monocytes ABHD5
LIMD21	7.86E-64	0.394349	0.476	0.332	2.21E-59	Monocytes LIMD2
ANP32B2	1.01E-63	0.315153	0.528	0.374	2.83E-59	Monocytes ANP32B
CAST1	1.16E-63	0.287404	0.552	0.394	3.26E-59	Monocytes CAST
H2AFV1	1.26E-63	0.257503	0.441	0.293	3.54E-59	Monocytes H2AFV
TGIF12	1.72E-62	0.345936	0.392	0.253	4.83E-58	Monocytes TGIF1
NDUFB71	3.15E-62	0.302959	0.407	0.265	8.87E-58	Monocytes NDUFB7
CIAO2B	1.06E-61	0.301418	0.429	0.284	2.98E-57	Monocytes CIAO2B
PSMB8	1.37E-61	0.309407	0.436	0.295	3.85E-57	Monocytes PSMB8
RPL43	1.85E-61	0.313	0.835	0.736	5.21E-57	Monocytes RPL4
SPI11	2.30E-61	0.334944	0.798	0.683	6.46E-57	Monocytes SPI1

PTP4A2	2.67E-61	0.31641	0.452	0.314	7.50E-57	Monocytes PTP4A2
CLIC4	4.35E-61	0.461547	0.304	0.184	1.22E-56	Monocytes CLIC4
SHISA5	4.56E-61	0.317424	0.299	0.177	1.28E-56	Monocytes SHISA5
RPL27A2	5.49E-61	0.321254	0.71	0.579	1.54E-56	Monocytes RPL27A
OSBPL82	5.69E-61	0.421666	0.497	0.35	1.60E-56	Monocytes OSBPL8
RASSF3	5.89E-61	0.319242	0.281	0.161	1.66E-56	Monocytes RASSF3
RPS292	8.55E-61	0.343083	0.775	0.65	2.41E-56	Monocytes RPS29
IRF7	1.86E-60	0.367255	0.344	0.216	5.22E-56	Monocytes IRF7
IFNAR2	1.24E-59	0.26464	0.254	0.141	3.50E-55	Monocytes IFNAR2
ADGRE2	1.70E-59	0.350044	0.344	0.214	4.79E-55	Monocytes ADGRE2
TOMM71	1.74E-59	0.293193	0.699	0.557	4.89E-55	Monocytes TOMM7
UXT1	1.78E-59	0.295228	0.467	0.323	5.02E-55	Monocytes UXT
TMEM205	2.64E-59	0.28546	0.288	0.169	7.42E-55	Monocytes TMEM205
RPSA2	2.72E-59	0.296621	0.829	0.716	7.65E-55	Monocytes RPSA
TNFRSF1B	3.29E-59	0.365248	0.669	0.518	9.26E-55	Monocytes TNFRSF1B
NDUFB101	4.36E-59	0.268489	0.434	0.29	1.23E-54	Monocytes NDUFB10
SSR22	5.23E-59	0.351877	0.535	0.394	1.47E-54	Monocytes SSR2
COPE1	5.27E-59	0.327977	0.564	0.429	1.48E-54	Monocytes COPE
MYL12B1	1.34E-58	0.311008	0.69	0.555	3.77E-54	Monocytes MYL12B
CKLF2	1.96E-58	0.362902	0.517	0.373	5.52E-54	Monocytes CKLF
P4HB	2.92E-58	0.490486	0.473	0.336	8.22E-54	Monocytes P4HB
NDUFS71	3.06E-58	0.274704	0.471	0.329	8.61E-54	Monocytes NDUFS7
RNF7	1.11E-57	0.294144	0.429	0.29	3.11E-53	Monocytes RNF7
UQCRCQ1	2.64E-57	0.300923	0.486	0.34	7.43E-53	Monocytes UQCRCQ
P2RY8	4.84E-57	0.31128	0.288	0.17	1.36E-52	Monocytes P2RY8
JTB	7.19E-57	0.293557	0.445	0.308	2.02E-52	Monocytes JTB
SCAND1	2.36E-56	0.324062	0.454	0.316	6.63E-52	Monocytes SCAND1
SRA1	3.34E-56	0.313852	0.372	0.243	9.41E-52	Monocytes SRA1
SPAG91	3.92E-56	0.445926	0.518	0.38	1.10E-51	Monocytes SPAG9
IGBP1	4.12E-56	0.282707	0.333	0.208	1.16E-51	Monocytes IGBP1
FGL22	1.32E-55	0.325991	0.561	0.419	3.73E-51	Monocytes FGL2
NDUFA6	1.62E-55	0.261174	0.38	0.247	4.57E-51	Monocytes NDUFA6
EIF3M	4.31E-55	0.281497	0.464	0.325	1.21E-50	Monocytes EIF3M
MMP24OS	5.59E-55	0.26149	0.365	0.235	1.57E-50	Monocytes MMP24OS
ATP13A32	5.69E-55	0.43765	0.459	0.326	1.60E-50	Monocytes ATP13A3
C4orf481	6.57E-55	0.282105	0.407	0.271	1.85E-50	Monocytes C4orf48
FKBP81	1.26E-54	0.300113	0.515	0.375	3.54E-50	Monocytes FKBP8
CD37	1.29E-54	0.314396	0.78	0.657	3.62E-50	Monocytes CD37
ACTG1	1.72E-54	0.319542	0.872	0.789	4.84E-50	Monocytes ACTG1
IL10RB	1.82E-54	0.262267	0.289	0.174	5.13E-50	Monocytes IL10RB
GLRX	2.17E-54	0.337839	0.501	0.357	6.11E-50	Monocytes GLRX
MECP2	2.38E-54	0.335934	0.301	0.184	6.69E-50	Monocytes MECP2
SLC25A52	3.18E-54	0.315374	0.67	0.549	8.96E-50	Monocytes SLC25A5
EIF3E1	3.90E-54	0.294353	0.568	0.432	1.10E-49	Monocytes EIF3E
ADIPOR1	5.82E-54	0.28342	0.398	0.268	1.64E-49	Monocytes ADIPOR1
RBIS	8.96E-54	0.279832	0.413	0.276	2.52E-49	Monocytes RBIS
MTPN	9.34E-54	0.328147	0.46	0.329	2.63E-49	Monocytes MTPN

TXNL4A	1.23E-53	0.264658	0.41	0.275	3.45E-49	Monocytes TXNL4A
NDUFB41	1.30E-53	0.254674	0.485	0.344	3.67E-49	Monocytes NDUFB41
IL1RN1	1.45E-53	0.323706	0.281	0.164	4.07E-49	Monocytes IL1RN1
FAAP20	2.02E-53	0.280271	0.363	0.235	5.69E-49	Monocytes FAAP20
FBXL5	4.14E-53	0.359449	0.316	0.2	1.16E-48	Monocytes FBXL5
ETFB	9.14E-53	0.256055	0.3	0.184	2.57E-48	Monocytes ETFB
CALCOCO2	1.27E-52	0.267343	0.365	0.236	3.58E-48	Monocytes CALCOCO2
ARL4A	1.60E-52	0.374462	0.364	0.242	4.51E-48	Monocytes ARL4A
MAP2K2	1.93E-52	0.269225	0.364	0.238	5.42E-48	Monocytes MAP2K2
TRIR	2.43E-52	0.307398	0.59	0.457	6.83E-48	Monocytes TRIR
MYO1F1	2.77E-52	0.346633	0.514	0.377	7.80E-48	Monocytes MYO1F1
COX6C1	4.16E-52	0.288573	0.593	0.457	1.17E-47	Monocytes COX6C1
GPCPD11	5.82E-52	0.429404	0.519	0.389	1.64E-47	Monocytes GPCPD11
CHMP2A	1.39E-51	0.278327	0.339	0.218	3.91E-47	Monocytes CHMP2A
BCAT1	2.05E-51	0.276741	0.269	0.159	5.77E-47	Monocytes BCAT1
RAB7A1	6.30E-51	0.340816	0.731	0.603	1.77E-46	Monocytes RAB7A1
CD681	1.55E-50	0.315022	0.813	0.703	4.37E-46	Monocytes CD681
RPL21	1.88E-50	0.325426	0.868	0.743	5.28E-46	Monocytes RPL21
RABAC1	4.08E-50	0.300914	0.489	0.353	1.15E-45	Monocytes RABAC1
EPSTI1	6.81E-50	0.356538	0.317	0.202	1.92E-45	Monocytes EPSTI1
COX14	8.05E-50	0.263562	0.289	0.178	2.27E-45	Monocytes COX14
PABPC11	1.14E-49	0.292569	0.908	0.842	3.22E-45	Monocytes PABPC11
NUDT161	3.44E-49	0.28846	0.367	0.247	9.67E-45	Monocytes NUDT161
CFLAR1	4.50E-49	0.308763	0.609	0.46	1.27E-44	Monocytes CFLAR1
LPCAT1	2.64E-48	0.346406	0.281	0.176	7.43E-44	Monocytes LPCAT1
BID	5.83E-48	0.348227	0.356	0.241	1.64E-43	Monocytes BID
DNAJC151	6.65E-48	0.258698	0.43	0.303	1.87E-43	Monocytes DNAJC151
USP3	1.27E-47	0.294917	0.377	0.254	3.59E-43	Monocytes USP3
ACSL31	1.67E-47	0.434808	0.375	0.258	4.70E-43	Monocytes ACSL31
DDX60L	4.35E-47	0.315365	0.277	0.172	1.22E-42	Monocytes DDX60L
SLC43A2	7.92E-47	0.329177	0.452	0.328	2.23E-42	Monocytes SLC43A2
OSTC	1.08E-46	0.297801	0.354	0.237	3.04E-42	Monocytes OSTC
SMIM26	1.32E-46	0.255116	0.389	0.265	3.70E-42	Monocytes SMIM26
GPR1323	5.37E-46	0.334998	0.403	0.282	1.51E-41	Monocytes GPR1323
GABARAPL	9.86E-46	0.292973	0.444	0.314	2.77E-41	Monocytes GABARAPL1
FMN11	1.11E-45	0.316841	0.53	0.403	3.12E-41	Monocytes FMN11
PILRA	1.38E-45	0.292243	0.556	0.426	3.89E-41	Monocytes PILRA
COX7A2L	5.10E-45	0.263274	0.388	0.27	1.44E-40	Monocytes COX7A2L
NOP531	5.91E-45	0.265358	0.555	0.428	1.66E-40	Monocytes NOP531
UBE2L6	9.99E-45	0.288079	0.371	0.255	2.81E-40	Monocytes UBE2L6
RSL1D1	1.17E-44	0.251186	0.44	0.316	3.28E-40	Monocytes RSL1D1
AKIRIN21	1.19E-44	0.30858	0.426	0.302	3.35E-40	Monocytes AKIRIN21
ZC3H12A	1.27E-44	0.342115	0.252	0.155	3.57E-40	Monocytes ZC3H12A
IRF1	1.31E-44	0.336587	0.263	0.162	3.68E-40	Monocytes IRF1
EIF3F2	1.35E-44	0.254549	0.627	0.503	3.79E-40	Monocytes EIF3F2
NFKBIA2	2.06E-44	0.449514	0.892	0.83	5.80E-40	Monocytes NFKBIA2
TMEM256	5.12E-44	0.255941	0.354	0.241	1.44E-39	Monocytes TMEM256

NLRP33	2.65E-43	0.339506	0.645	0.517	7.47E-39	Monocytes NLRP3
BASP13	4.28E-43	0.345289	0.675	0.56	1.20E-38	Monocytes BASP1
FMNL1	4.56E-43	0.269511	0.48	0.352	1.28E-38	Monocytes FMNL1
NAAA	5.10E-43	0.296607	0.263	0.166	1.43E-38	Monocytes NAAA
STK24	1.84E-42	0.253149	0.356	0.241	5.18E-38	Monocytes STK24
PITPNA	2.64E-42	0.307147	0.302	0.198	7.42E-38	Monocytes PITPNA
CMIP1	3.64E-42	0.253954	0.475	0.349	1.03E-37	Monocytes CMIP
NFE2L21	9.94E-42	0.283278	0.575	0.455	2.80E-37	Monocytes NFE2L2
RBM3	2.00E-41	0.273136	0.591	0.475	5.64E-37	Monocytes RBM3
AOAH1	3.65E-41	0.28683	0.602	0.478	1.03E-36	Monocytes AOAH
H2AFJ	1.45E-40	0.288654	0.354	0.245	4.08E-36	Monocytes H2AFJ
CTSH2	2.79E-40	0.253346	0.652	0.54	7.86E-36	Monocytes CTSH
ADA2	5.33E-40	0.293038	0.391	0.282	1.50E-35	Monocytes ADA2
PPP1CA1	1.13E-39	0.254074	0.494	0.377	3.17E-35	Monocytes PPP1CA
NUP214	1.13E-39	0.27361	0.37	0.259	3.19E-35	Monocytes NUP214
GRK2	1.36E-39	0.272753	0.389	0.278	3.83E-35	Monocytes GRK2
ZFYVE16	1.55E-39	0.312794	0.263	0.169	4.35E-35	Monocytes ZFYVE16
CORO1A1	7.70E-39	0.274161	0.734	0.633	2.17E-34	Monocytes CORO1A
NFKB2	7.90E-39	0.287159	0.276	0.181	2.22E-34	Monocytes NFKB2
LYST	2.29E-37	0.292713	0.331	0.225	6.45E-33	Monocytes LYST
EPB41L32	4.37E-37	0.301784	0.464	0.355	1.23E-32	Monocytes EPB41L3
HNRNPC1	4.56E-37	0.255146	0.727	0.602	1.28E-32	Monocytes HNRNPC
PSEN1	1.93E-36	0.266261	0.353	0.249	5.43E-32	Monocytes PSEN1
JAK11	2.02E-36	0.250601	0.56	0.444	5.68E-32	Monocytes JAK1
SND1	3.85E-36	0.256153	0.361	0.255	1.08E-31	Monocytes SND1
ITGAX2	9.85E-36	0.429638	0.521	0.412	2.77E-31	Monocytes ITGAX
RBMS1	1.78E-35	0.263697	0.352	0.249	5.01E-31	Monocytes RBMS1
MAP3K21	2.13E-35	0.327638	0.505	0.395	5.98E-31	Monocytes MAP3K2
STAT1	4.08E-35	0.272489	0.273	0.181	1.15E-30	Monocytes STAT1
QSOX1	8.24E-35	0.25202	0.297	0.203	2.32E-30	Monocytes QSOX1
PLEC	1.12E-34	0.252217	0.362	0.256	3.14E-30	Monocytes PLEC
RAP1B1	4.30E-34	0.285261	0.526	0.42	1.21E-29	Monocytes RAP1B
INSIG11	4.69E-34	0.273032	0.319	0.219	1.32E-29	Monocytes INSIG1
PLSCR11	6.02E-34	0.284754	0.579	0.472	1.69E-29	Monocytes PLSCR1
EIF1B	7.38E-34	0.272871	0.453	0.346	2.08E-29	Monocytes EIF1B
TOP1	1.52E-33	0.275451	0.587	0.471	4.28E-29	Monocytes TOP1
NFKBIZ3	7.17E-33	0.264753	0.649	0.532	2.02E-28	Monocytes NFKBIZ
USP361	2.13E-32	0.275551	0.383	0.279	5.98E-28	Monocytes USP36
RBM471	5.24E-32	0.29204	0.62	0.503	1.47E-27	Monocytes RBM47
FLOT1	9.30E-32	0.294327	0.513	0.417	2.62E-27	Monocytes FLOT1
IL1B1	1.96E-27	0.460166	0.698	0.648	5.51E-23	Monocytes IL1B
SLC25A37	3.27E-27	0.296642	0.564	0.467	9.21E-23	Monocytes SLC25A37
NCF1	4.60E-27	0.384471	0.432	0.345	1.29E-22	Monocytes NCF1
CSF3R1	3.44E-26	0.25814	0.647	0.556	9.69E-22	Monocytes CSF3R
WTAP2	1.63E-24	0.280577	0.516	0.426	4.60E-20	Monocytes WTAP
HM13	5.52E-22	0.283346	0.458	0.374	1.55E-17	Monocytes HM13
MX1	1.76E-19	0.263718	0.302	0.229	4.95E-15	Monocytes MX1

RPS4Y12	2.29E-15	0.265569	0.473	0.429	6.44E-11	Monocytes RPS4Y1
CTSD2	4.49E-13	0.256421	0.76	0.665	1.26E-08	Monocytes CTSD
AL138963.4	1.34E-11	0.314973	0.262	0.209	3.78E-07	Monocytes AL138963.4
TUBA1A1	1.11E-07	0.293089	0.339	0.303	0.003119	Monocytes TUBA1A
H1FX1	2.65E-07	0.416469	0.432	0.387	0.007447	Monocytes H1FX
IL32	0	1.905928	0.452	0.014	0	TAM-Inflan IL32
IL7R	0	1.776254	0.314	0.011	0	TAM-Inflan IL7R
CCL5	0	1.73131	0.482	0.11	0	TAM-Inflan CCL5
IFITM12	0	1.562824	0.486	0.11	0	TAM-Inflan IFITM1
FYN2	0	1.516797	0.422	0.043	0	TAM-Inflan FYN
NKG7	0	1.419021	0.269	0.028	0	TAM-Inflan NKG7
CD3E	0	1.405714	0.368	0.007	0	TAM-Inflan CD3E
CD521	0	1.214928	0.326	0.026	0	TAM-Inflan CD52
CST7	0	1.08211	0.268	0.023	0	TAM-Inflan CST7
ETS1	0	1.074531	0.333	0.056	0	TAM-Inflan ETS1
CD247	0	0.97915	0.25	0.008	0	TAM-Inflan CD247
CRIP11	0	0.965079	0.266	0.031	0	TAM-Inflan CRIP1
IL2RG	0	0.892839	0.262	0.039	0	TAM-Inflan IL2RG
RUNX3	0	0.79123	0.255	0.039	0	TAM-Inflan RUNX3
S100A102	5.30E-216	1.002596	0.363	0.106	1.49E-211	TAM-Inflan S100A10
ISG202	1.57E-153	0.740882	0.296	0.094	4.40E-149	TAM-Inflan ISG20
CBLB	5.25E-145	0.783437	0.287	0.092	1.48E-140	TAM-Inflan CBLB
LY6E2	7.74E-139	0.943078	0.466	0.207	2.18E-134	TAM-Inflan LY6E
PITPNC1	1.92E-136	0.719428	0.259	0.08	5.41E-132	TAM-Inflan PITPNC1
CD442	6.10E-136	0.752111	0.354	0.131	1.72E-131	TAM-Inflan CD44
CEMIP2	1.64E-120	0.867354	0.276	0.097	4.62E-116	TAM-Inflan CEMIP2
SEPTIN91	2.45E-113	0.632715	0.253	0.085	6.90E-109	TAM-Inflan SEPTIN9
S100A62	7.12E-113	0.825175	0.403	0.182	2.00E-108	TAM-Inflan S100A6
RAC22	3.44E-111	0.778934	0.339	0.142	9.68E-107	TAM-Inflan RAC2
B2M1	1.47E-106	0.425011	0.992	0.972	4.14E-102	TAM-Inflan B2M
PARP8	7.60E-94	0.917475	0.407	0.21	2.14E-89	TAM-Inflan PARP8
S100A42	9.01E-91	0.884693	0.49	0.285	2.54E-86	TAM-Inflan S100A4
S100A91	4.79E-89	0.88701	0.342	0.158	1.35E-84	TAM-Inflan S100A9
PPDPF2	1.19E-87	0.846949	0.444	0.252	3.35E-83	TAM-Inflan PPDPF
HLA-B2	3.63E-82	0.424613	0.979	0.933	1.02E-77	TAM-Inflan HLA-B
IFI63	6.76E-80	0.797245	0.491	0.279	1.90E-75	TAM-Inflan IFI6
PFN13	2.51E-74	0.495932	0.886	0.827	7.07E-70	TAM-Inflan PFN1
S100A81	1.07E-71	0.718814	0.328	0.161	3.01E-67	TAM-Inflan S100A8
GNG21	7.94E-70	0.577276	0.275	0.123	2.23E-65	TAM-Inflan GNG2
RPS264	9.18E-70	0.566101	0.867	0.813	2.58E-65	TAM-Inflan RPS26
RPL284	8.53E-68	0.406424	0.968	0.919	2.40E-63	TAM-Inflan RPL28
CYTIP2	2.31E-67	0.634038	0.348	0.182	6.50E-63	TAM-Inflan CYTIP
VIM3	8.99E-67	0.587988	0.628	0.41	2.53E-62	TAM-Inflan VIM
AL138963.4	9.34E-67	0.993367	0.37	0.208	2.63E-62	TAM-Inflan AL138963.4
PDE7A	9.04E-64	0.538383	0.261	0.118	2.54E-59	TAM-Inflan PDE7A
AREG3	4.24E-61	0.63949	0.316	0.153	1.19E-56	TAM-Inflan AREG
RPL412	1.20E-59	0.606354	0.861	0.818	3.37E-55	TAM-Inflan RPL41

MTRNR2L1	1.30E-57	0.880248	0.625	0.498	3.66E-53	TAM-Inflan MTRNR2L12
CD7	9.65E-57	0.634367	0.26	0.128	2.71E-52	TAM-Inflan CD7
RPL173	1.46E-56	0.392261	0.875	0.835	4.10E-52	TAM-Inflan RPL17
RPS124	1.68E-55	0.356306	0.961	0.915	4.71E-51	TAM-Inflan RPS12
HLA-A3	5.13E-55	0.44005	0.864	0.838	1.44E-50	TAM-Inflan HLA-A
BTG13	1.84E-54	0.60941	0.786	0.758	5.17E-50	TAM-Inflan BTG1
RPS33	1.00E-52	0.376987	0.922	0.877	2.82E-48	TAM-Inflan RPS3
RPLP03	1.92E-52	0.36002	0.909	0.868	5.40E-48	TAM-Inflan RPLP0
RPS15A4	6.81E-52	0.376808	0.933	0.887	1.92E-47	TAM-Inflan RPS15A
ADGRE51	3.88E-51	0.470554	0.274	0.138	1.09E-46	TAM-Inflan ADGRE5
TXNIP3	4.12E-50	0.784164	0.47	0.327	1.16E-45	TAM-Inflan TXNIP
HLA-C3	1.12E-49	0.431843	0.851	0.83	3.16E-45	TAM-Inflan HLA-C
RPL18A4	3.67E-49	0.355479	0.934	0.881	1.03E-44	TAM-Inflan RPL18A
ARL4C1	3.56E-48	0.47382	0.265	0.135	1.00E-43	TAM-Inflan ARL4C
IFITM33	4.15E-47	0.573797	0.597	0.463	1.17E-42	TAM-Inflan IFITM3
RPL304	5.88E-47	0.364625	0.938	0.893	1.66E-42	TAM-Inflan RPL30
IQGAP23	4.18E-46	0.44178	0.255	0.129	1.17E-41	TAM-Inflan IQGAP2
TPT13	8.93E-44	0.259631	0.982	0.955	2.51E-39	TAM-Inflan TPT1
RPS273	1.82E-43	0.394777	0.92	0.877	5.12E-39	TAM-Inflan RPS27
DNAJB11	5.49E-43	0.336657	0.783	0.634	1.54E-38	TAM-Inflan DNAJB1
RPS184	1.06E-42	0.291823	0.956	0.905	2.99E-38	TAM-Inflan RPS18
LEPROTL1	3.11E-40	0.608722	0.35	0.224	8.76E-36	TAM-Inflan LEPROTL1
PTMA4	2.15E-39	0.296286	0.918	0.906	6.06E-35	TAM-Inflan PTMA
AHNAK3	1.14E-38	0.418879	0.321	0.187	3.21E-34	TAM-Inflan AHNAK
MX11	3.07E-37	0.627066	0.356	0.229	8.65E-33	TAM-Inflan MX1
SH3BGRL3:	1.43E-36	0.483829	0.709	0.666	4.03E-32	TAM-Inflan SH3BGRL3
DUSP24	1.53E-36	0.463173	0.545	0.396	4.29E-32	TAM-Inflan DUSP2
RASA21	1.53E-36	0.482243	0.282	0.163	4.32E-32	TAM-Inflan RASA2
SMCHD12	2.38E-36	0.590017	0.398	0.277	6.70E-32	TAM-Inflan SMCHD1
ISG152	2.10E-35	0.465919	0.305	0.184	5.92E-31	TAM-Inflan ISG15
TLE52	3.21E-35	0.502938	0.322	0.202	9.04E-31	TAM-Inflan TLE5
PPP2R5C	1.09E-33	0.536257	0.308	0.19	3.06E-29	TAM-Inflan PPP2R5C
LSP12	7.94E-32	0.450526	0.423	0.297	2.23E-27	TAM-Inflan LSP1
PLAAT4	9.73E-30	0.48398	0.292	0.186	2.74E-25	TAM-Inflan PLAAT4
MYL12A2	1.26E-29	0.559948	0.595	0.542	3.54E-25	TAM-Inflan MYL12A
IFI44L1	1.38E-29	0.481233	0.363	0.242	3.89E-25	TAM-Inflan IFI44L
ARHGDIB3	4.60E-29	0.39623	0.709	0.701	1.29E-24	TAM-Inflan ARHGDIB
IRF11	4.85E-29	0.441828	0.268	0.164	1.37E-24	TAM-Inflan IRF1
RPL84	1.59E-27	0.266506	0.875	0.853	4.49E-23	TAM-Inflan RPL8
RPS73	1.63E-27	0.269156	0.887	0.861	4.58E-23	TAM-Inflan RPS7
RPSA3	2.39E-27	0.376467	0.737	0.719	6.71E-23	TAM-Inflan RPSA
RPL23A3	2.53E-26	0.315736	0.806	0.78	7.12E-22	TAM-Inflan RPL23A
TAGLN22	3.74E-26	0.504076	0.416	0.314	1.05E-21	TAM-Inflan TAGLN2
SLC2A32	1.47E-25	0.3542	0.507	0.384	4.13E-21	TAM-Inflan SLC2A3
FNBP12	1.84E-25	0.451644	0.347	0.242	5.18E-21	TAM-Inflan FNBP1
RPS92	3.39E-25	0.263788	0.88	0.86	9.53E-21	TAM-Inflan RPS9
RPL10A3	3.57E-23	0.295032	0.779	0.765	1.00E-18	TAM-Inflan RPL10A

FAM107B1	6.31E-23	0.403207	0.255	0.161	1.78E-18	TAM-Inflan FAM107B
TNFAIP35	8.22E-23	0.345019	0.652	0.55	2.31E-18	TAM-Inflan TNFAIP3
HIST1H1E1	3.28E-22	0.515586	0.318	0.22	9.24E-18	TAM-Inflan HIST1H1E
CALM1	7.85E-22	0.388464	0.652	0.644	2.21E-17	TAM-Inflan CALM1
GAPDH3	5.78E-21	0.270393	0.877	0.867	1.63E-16	TAM-Inflan GAPDH
LCP12	7.52E-21	0.487831	0.511	0.437	2.12E-16	TAM-Inflan LCP1
AKNA	2.89E-20	0.375866	0.296	0.204	8.13E-16	TAM-Inflan AKNA
SELL1	3.69E-20	0.458072	0.259	0.175	1.04E-15	TAM-Inflan SELL
CDC42SE2	4.47E-20	0.391305	0.33	0.237	1.26E-15	TAM-Inflan CDC42SE2
RPS53	9.77E-20	0.278181	0.79	0.769	2.75E-15	TAM-Inflan RPS5
CXCR43	1.30E-19	0.266028	0.566	0.459	3.67E-15	TAM-Inflan CXCR4
ZC3HAV1	9.46E-19	0.343701	0.364	0.273	2.66E-14	TAM-Inflan ZC3HAV1
MYH9	2.63E-18	0.443324	0.529	0.47	7.40E-14	TAM-Inflan MYH9
IFITM23	3.42E-18	0.440115	0.563	0.52	9.63E-14	TAM-Inflan IFITM2
STAT11	5.61E-18	0.462947	0.261	0.182	1.58E-13	TAM-Inflan STAT1
RPL44	1.71E-16	0.273879	0.752	0.739	4.82E-12	TAM-Inflan RPL4
ERN11	1.78E-15	0.346117	0.253	0.178	5.01E-11	TAM-Inflan ERN1
CORO1A2	1.96E-15	0.337024	0.662	0.635	5.53E-11	TAM-Inflan CORO1A
FCGBP1	2.64E-15	0.373092	0.457	0.381	7.42E-11	TAM-Inflan FCGBP
CD691	2.82E-15	0.313578	0.579	0.493	7.94E-11	TAM-Inflan CD69
TYMP1	2.93E-15	0.391759	0.424	0.352	8.25E-11	TAM-Inflan TYMP
PSME23	3.96E-15	0.419846	0.421	0.35	1.11E-10	TAM-Inflan PSME2
LDHA2	6.56E-15	0.453265	0.5	0.453	1.85E-10	TAM-Inflan LDHA
MIF3	7.64E-15	0.365329	0.576	0.539	2.15E-10	TAM-Inflan MIF
EEF1D3	3.65E-14	0.30418	0.681	0.695	1.03E-09	TAM-Inflan EEF1D
RPL211	1.02E-13	0.251616	0.768	0.746	2.88E-09	TAM-Inflan RPL21
LYZ3	1.14E-13	0.591778	0.331	0.269	3.21E-09	TAM-Inflan LYZ
PIP4K2A1	2.28E-13	0.393823	0.33	0.257	6.41E-09	TAM-Inflan PIP4K2A
H1FX2	3.89E-13	0.439485	0.453	0.387	1.09E-08	TAM-Inflan H1FX
EIF2AK2	4.92E-13	0.425561	0.273	0.205	1.38E-08	TAM-Inflan EIF2AK2
LRBA	1.20E-12	0.341657	0.262	0.192	3.39E-08	TAM-Inflan LRBA
TIMP12	1.30E-12	0.351619	0.258	0.191	3.65E-08	TAM-Inflan TIMP1
PTPRC1	4.21E-12	0.305513	0.686	0.715	1.18E-07	TAM-Inflan PTPRC
LGALS12	4.91E-12	0.341517	0.276	0.208	1.38E-07	TAM-Inflan LGALS1
PSME13	5.27E-12	0.37717	0.474	0.432	1.48E-07	TAM-Inflan PSME1
PDCD41	8.14E-12	0.35469	0.342	0.274	2.29E-07	TAM-Inflan PDCD4
HCST2	2.16E-11	0.319982	0.566	0.544	6.07E-07	TAM-Inflan HCST
CALR1	2.36E-11	0.346684	0.598	0.567	6.64E-07	TAM-Inflan CALR
CCND3	4.29E-11	0.367886	0.41	0.347	1.21E-06	TAM-Inflan CCND3
PSMB93	1.53E-10	0.345995	0.339	0.281	4.32E-06	TAM-Inflan PSMB9
UBE2S1	1.78E-10	0.326061	0.333	0.271	5.02E-06	TAM-Inflan UBE2S
RHOH2	2.44E-10	0.281229	0.319	0.254	6.86E-06	TAM-Inflan RHOH
RESF1	3.75E-10	0.405729	0.285	0.222	1.06E-05	TAM-Inflan RESF1
FXYD53	6.25E-10	0.257329	0.581	0.568	1.76E-05	TAM-Inflan FXYD5
ARMH11	8.97E-10	0.603874	0.258	0.204	2.52E-05	TAM-Inflan ARMH1
ARHGAP9	1.13E-09	0.370963	0.294	0.237	3.19E-05	TAM-Inflan ARHGAP9
PRKCH2	2.71E-09	0.265164	0.635	0.595	7.62E-05	TAM-Inflan PRKCH

SERPINA13	3.02E-09	0.316832	0.566	0.543	8.49E-05	TAM-Inflan	SERPINA1
RNF2132	4.74E-09	0.380917	0.484	0.452	0.000133	TAM-Inflan	RNF213
HLA-F1	8.04E-09	0.307625	0.318	0.262	0.000226	TAM-Inflan	HLA-F
HLA-DQA2	1.15E-08	0.319509	0.271	0.214	0.000322	TAM-Inflan	HLA-DQA2
WIPF11	1.77E-08	0.365937	0.379	0.331	0.000497	TAM-Inflan	WIPF1
UTRN4	2.56E-08	0.291781	0.359	0.303	0.000719	TAM-Inflan	UTRN
STK17A	2.65E-08	0.362319	0.359	0.309	0.000745	TAM-Inflan	STK17A
LDHB2	5.40E-08	0.364939	0.384	0.336	0.001521	TAM-Inflan	LDHB
ARHGEF1	6.56E-08	0.32941	0.35	0.301	0.001845	TAM-Inflan	ARHGEF1
ADAR	2.21E-07	0.394735	0.338	0.295	0.00623	TAM-Inflan	ADAR
GTF3A1	3.18E-07	0.333731	0.337	0.291	0.008948	TAM-Inflan	GTF3A
BRD21	3.52E-07	0.307984	0.496	0.468	0.009908	TAM-Inflan	BRD2
EPSTI11	7.01E-07	0.287248	0.251	0.205	0.019726	TAM-Inflan	EPSTI1
PARP141	3.57E-06	0.352147	0.323	0.284	0.100546	TAM-Inflan	PARP14
G3BP2	7.48E-06	0.259978	0.266	0.224	0.21041	TAM-Inflan	G3BP2
SIK32	2.81E-05	0.252231	0.447	0.423	0.790694	TAM-Inflan	SIK3
OAS1	7.36E-05	0.323893	0.279	0.245	1	TAM-Inflan	OAS1
PRELID12	7.89E-05	0.267323	0.307	0.272	1	TAM-Inflan	PRELID1
RABGAP1L	8.99E-05	0.273051	0.416	0.389	1	TAM-Inflan	RABGAP1L
SP110	0.000177	0.267551	0.351	0.317	1	TAM-Inflan	SP110
RAD21	0.000194	0.263665	0.266	0.231	1	TAM-Inflan	RAD21
EVL	0.000245	0.285493	0.512	0.505	1	TAM-Inflan	EVL
SMDT13	0.000275	0.277016	0.385	0.36	1	TAM-Inflan	SMDT1
GSPT1	0.000438	0.295274	0.3	0.273	1	TAM-Inflan	GSPT1
UBE2L61	0.000731	0.27488	0.287	0.258	1	TAM-Inflan	UBE2L6
ENO13	0.000945	0.296283	0.48	0.479	1	TAM-Inflan	ENO1
RPS4Y13	0.000999	0.275777	0.43	0.43	1	TAM-Inflan	RPS4Y1
SSR23	0.002064	0.268201	0.407	0.398	1	TAM-Inflan	SSR2
PKM2	0.003125	0.278905	0.457	0.453	1	TAM-Inflan	PKM
TECR1	0.007516	0.277933	0.4	0.39	1	TAM-Inflan	TECR
AFF31	0	3.053503	0.412	0.059	0	Neutrophil:	AFF3
CDK141	2.33E-305	2.130733	0.369	0.051	6.56E-301	Neutrophil:	CDK14
SIPA1L14	6.54E-170	2.232521	0.832	0.563	1.84E-165	Neutrophil:	SIPA1L1
DAPK11	1.25E-152	1.653697	0.264	0.048	3.52E-148	Neutrophil:	DAPK1
MALAT11	9.02E-151	1.084667	1	0.989	2.54E-146	Neutrophil:	MALAT1
AKAP132	2.62E-136	1.603254	0.88	0.78	7.38E-132	Neutrophil:	AKAP13
FMN12	6.39E-115	2.034872	0.664	0.405	1.80E-110	Neutrophil:	FMN1
UTRN5	1.03E-114	1.86156	0.591	0.302	2.91E-110	Neutrophil:	UTRN
PRKCE2	1.37E-114	1.975532	0.49	0.203	3.84E-110	Neutrophil:	PRKCE
AREG4	3.23E-114	1.687976	0.465	0.153	9.08E-110	Neutrophil:	AREG
PLXDC22	2.13E-112	1.223912	0.939	0.935	5.98E-108	Neutrophil:	PLXDC2
JARID23	2.27E-110	2.20971	0.56	0.273	6.39E-106	Neutrophil:	JARID2
NEAT11	1.87E-107	1.460575	0.939	0.904	5.26E-103	Neutrophil:	NEAT1
MS4A4E1	2.43E-100	1.788873	0.351	0.112	6.84E-96	Neutrophil:	MS4A4E
PHLPP1	2.10E-98	1.520446	0.3	0.085	5.92E-94	Neutrophil:	PHLPP1
CD443	7.93E-95	2.073822	0.381	0.133	2.23E-90	Neutrophil:	CD44
CELF21	6.24E-92	1.478768	0.812	0.763	1.76E-87	Neutrophil:	CELF2

DPYD2	3.79E-89	1.717959	0.664	0.462	1.07E-84	Neutrophil: DPYD
FOXP11	1.98E-87	1.70263	0.659	0.466	5.57E-83	Neutrophil: FOXP1
MCTP13	2.64E-87	1.920635	0.442	0.188	7.42E-83	Neutrophil: MCTP1
SLC8A11	1.92E-85	1.518325	0.778	0.711	5.41E-81	Neutrophil: SLC8A1
LRMDA1	1.63E-84	1.381743	0.796	0.753	4.60E-80	Neutrophil: LRMDA
PTK2B3	9.84E-83	1.948318	0.504	0.264	2.77E-78	Neutrophil: PTK2B
FOXN31	2.89E-81	1.327745	0.768	0.692	8.14E-77	Neutrophil: FOXN3
ELMO12	7.46E-81	1.331703	0.798	0.757	2.10E-76	Neutrophil: ELMO1
JMJD1C2	1.04E-78	1.751261	0.711	0.595	2.93E-74	Neutrophil: JMJD1C
SRGAP11	5.79E-78	1.810394	0.614	0.426	1.63E-73	Neutrophil: SRGAP1
TRPS12	7.72E-76	1.731557	0.476	0.242	2.17E-71	Neutrophil: TRPS1
ARHGAP15	8.23E-75	1.464624	0.687	0.57	2.31E-70	Neutrophil: ARHGAP15
DOCK52	1.57E-74	1.585488	0.411	0.181	4.43E-70	Neutrophil: DOCK5
MT-CO11	1.80E-71	0.980867	0.977	0.986	5.07E-67	Neutrophil: MT-CO1
MBNL11	1.93E-70	1.499713	0.743	0.679	5.43E-66	Neutrophil: MBNL1
CAMK1D1	2.15E-70	1.668008	0.594	0.414	6.04E-66	Neutrophil: CAMK1D
LDLRAD41	3.05E-70	1.147331	0.84	0.822	8.59E-66	Neutrophil: LDLRAD4
FKBP51	1.36E-69	1.516891	0.75	0.709	3.84E-65	Neutrophil: FKBP5
KYNU2	4.89E-69	1.880523	0.431	0.214	1.37E-64	Neutrophil: KYNU
FGD41	3.85E-66	1.25373	0.747	0.682	1.08E-61	Neutrophil: FGD4
MT-CO21	4.64E-65	1.025247	0.95	0.971	1.31E-60	Neutrophil: MT-CO2
ATP1B34	5.56E-65	2.020595	0.647	0.498	1.56E-60	Neutrophil: ATP1B3
NAMPT4	1.19E-64	1.771865	0.683	0.542	3.35E-60	Neutrophil: NAMPT
TET23	1.35E-64	1.633404	0.526	0.325	3.81E-60	Neutrophil: TET2
ARHGAP26	3.08E-64	1.160997	0.764	0.701	8.67E-60	Neutrophil: ARHGAP26
MT-ND4L1	1.21E-60	0.97822	0.904	0.926	3.42E-56	Neutrophil: MT-ND4L
ZFAND31	2.41E-59	1.424543	0.631	0.502	6.78E-55	Neutrophil: ZFAND3
GNAQ1	4.18E-59	1.267001	0.706	0.623	1.18E-54	Neutrophil: GNAQ
RNF144B4	7.65E-59	1.96006	0.496	0.305	2.15E-54	Neutrophil: RNF144B
ETV61	4.17E-58	1.485369	0.652	0.55	1.17E-53	Neutrophil: ETV6
IQGAP24	1.25E-57	1.384855	0.316	0.129	3.52E-53	Neutrophil: IQGAP2
CERS61	3.91E-57	1.46744	0.347	0.156	1.10E-52	Neutrophil: CERS6
CHST111	9.57E-57	1.37871	0.719	0.684	2.69E-52	Neutrophil: CHST11
ZEB22	1.46E-55	1.465839	0.689	0.611	4.12E-51	Neutrophil: ZEB2
MT-CO31	9.68E-53	0.926122	0.935	0.952	2.72E-48	Neutrophil: MT-CO3
AHR3	1.58E-52	1.589506	0.33	0.148	4.43E-48	Neutrophil: AHR
MT-ATP82	5.17E-52	1.182199	0.841	0.822	1.45E-47	Neutrophil: MT-ATP8
ACSL11	2.16E-50	1.517613	0.719	0.664	6.07E-46	Neutrophil: ACSL1
SIK33	2.74E-50	1.387248	0.575	0.422	7.71E-46	Neutrophil: SIK3
DENND1A2	7.49E-50	1.418149	0.409	0.224	2.11E-45	Neutrophil: DENND1A
MAML31	3.85E-49	1.386248	0.638	0.558	1.08E-44	Neutrophil: MAML3
TAOK34	1.32E-48	1.604332	0.572	0.451	3.72E-44	Neutrophil: TAOK3
RAPGEF12	4.56E-47	1.424909	0.638	0.539	1.28E-42	Neutrophil: RAPGEF1
ZSWIM61	8.37E-47	1.147992	0.692	0.619	2.36E-42	Neutrophil: ZSWIM6
FCHSD22	1.13E-46	1.673146	0.588	0.473	3.18E-42	Neutrophil: FCHSD2
PRKAG22	1.40E-46	1.55189	0.504	0.356	3.95E-42	Neutrophil: PRKAG2
RFTN11	2.55E-46	1.382732	0.286	0.124	7.18E-42	Neutrophil: RFTN1

RAB311	1.03E-45	1.200732	0.745	0.758	2.90E-41	Neutrophil: RAB31
CYTH12	4.97E-45	1.448193	0.462	0.296	1.40E-40	Neutrophil: CYTH1
LRRFIP12	1.28E-44	1.535977	0.619	0.529	3.59E-40	Neutrophil: LRRFIP1
SMCHD13	1.41E-44	1.619205	0.442	0.277	3.97E-40	Neutrophil: SMCHD1
SSH2	1.57E-44	1.370305	0.655	0.617	4.43E-40	Neutrophil: SSH2
IRAK32	4.66E-44	1.081761	0.698	0.656	1.31E-39	Neutrophil: IRAK3
NHSL11	4.86E-44	1.752601	0.479	0.323	1.37E-39	Neutrophil: NHSL1
MT-ND11	1.47E-43	0.843688	0.863	0.899	4.12E-39	Neutrophil: MT-ND1
ZBTB202	2.82E-41	1.208047	0.546	0.423	7.92E-37	Neutrophil: ZBTB20
ASAP11	7.81E-41	1.30998	0.386	0.221	2.20E-36	Neutrophil: ASAP1
HIPK22	1.41E-40	1.424377	0.347	0.187	3.96E-36	Neutrophil: HIPK2
MT-CYB1	1.77E-40	0.757607	0.947	0.96	4.98E-36	Neutrophil: MT-CYB
ADAM171	2.05E-40	1.417318	0.558	0.46	5.78E-36	Neutrophil: ADAM17
ANKRD111	1.53E-39	1.356859	0.611	0.538	4.32E-35	Neutrophil: ANKRD11
MT-ND52	2.39E-39	0.874674	0.846	0.88	6.72E-35	Neutrophil: MT-ND5
INSR1	4.73E-39	1.410267	0.333	0.176	1.33E-34	Neutrophil: INSR
CD1634	5.48E-39	1.166931	0.524	0.346	1.54E-34	Neutrophil: CD163
HDAC93	8.04E-39	1.587478	0.532	0.415	2.26E-34	Neutrophil: HDAC9
ARID1B1	1.30E-38	1.242632	0.462	0.317	3.66E-34	Neutrophil: ARID1B
MT-ND31	1.40E-37	0.897943	0.857	0.885	3.94E-33	Neutrophil: MT-ND3
ITSN1	1.43E-37	1.392212	0.353	0.2	4.02E-33	Neutrophil: ITSN1
ZBTB162	3.20E-37	1.481083	0.495	0.365	9.01E-33	Neutrophil: ZBTB16
CCNH1	1.80E-36	1.08728	0.728	0.723	5.06E-32	Neutrophil: CCNH
PTPN13	2.30E-36	1.534186	0.515	0.408	6.46E-32	Neutrophil: PTPN1
FAM49A2	9.23E-36	1.441976	0.456	0.33	2.60E-31	Neutrophil: FAM49A
ATP2B12	9.82E-36	1.56579	0.493	0.375	2.76E-31	Neutrophil: ATP2B1
MT-ND21	1.54E-35	0.817264	0.838	0.871	4.32E-31	Neutrophil: MT-ND2
FOXO32	2.32E-35	1.455576	0.498	0.384	6.52E-31	Neutrophil: FOXO3
NFKB12	5.85E-35	1.767162	0.653	0.604	1.65E-30	Neutrophil: NFKB1
MT-ND41	8.09E-35	0.811343	0.865	0.89	2.28E-30	Neutrophil: MT-ND4
VIM4	2.32E-34	0.897839	0.588	0.412	6.52E-30	Neutrophil: VIM
KDM6A1	4.51E-34	1.236085	0.35	0.204	1.27E-29	Neutrophil: KDM6A
ARIH11	8.91E-34	1.200482	0.543	0.451	2.51E-29	Neutrophil: ARIH1
MAN1A11	1.51E-33	1.390036	0.527	0.429	4.25E-29	Neutrophil: MAN1A1
CD553	1.94E-33	1.31521	0.482	0.353	5.45E-29	Neutrophil: CD55
TRIO1	1.87E-32	1.243112	0.446	0.318	5.27E-28	Neutrophil: TRIO
MED13L2	2.67E-32	1.102341	0.56	0.48	7.51E-28	Neutrophil: MED13L
RERE1	2.17E-31	1.210935	0.515	0.424	6.10E-27	Neutrophil: RERE
PTEN2	4.15E-31	1.385037	0.426	0.304	1.17E-26	Neutrophil: PTEN
OSBPL83	8.45E-31	1.38898	0.467	0.354	2.38E-26	Neutrophil: OSBPL8
TBC1D9	3.66E-30	1.739433	0.333	0.2	1.03E-25	Neutrophil: TBC1D9
PDE4B2	3.75E-30	1.240545	0.58	0.502	1.05E-25	Neutrophil: PDE4B
TBC1D22A:	1.71E-29	1.147891	0.529	0.446	4.82E-25	Neutrophil: TBC1D22A
STK17B3	5.09E-29	1.148092	0.504	0.401	1.43E-24	Neutrophil: STK17B
TMEM131	1.07E-28	1.090709	0.336	0.202	3.02E-24	Neutrophil: TMEM131
DOCK41	3.94E-28	0.91964	0.84	0.898	1.11E-23	Neutrophil: DOCK4
ELF12	5.61E-28	0.912256	0.672	0.671	1.58E-23	Neutrophil: ELF1

MIR181A1	6.14E-28	1.429622	0.365	0.242	1.73E-23	Neutrophil: MIR181A1HG
THADA1	5.07E-27	1.247939	0.393	0.274	1.43E-22	Neutrophil: THADA
TANC21	7.00E-27	1.191186	0.369	0.242	1.97E-22	Neutrophil: TANC2
GAB21	1.44E-26	1.161909	0.549	0.493	4.06E-22	Neutrophil: GAB2
SRGAP21	1.56E-26	0.862084	0.692	0.726	4.38E-22	Neutrophil: SRGAP2
GRK3	1.58E-26	1.172346	0.3	0.176	4.45E-22	Neutrophil: GRK3
BTBD91	1.98E-26	1.12752	0.344	0.218	5.58E-22	Neutrophil: BTBD9
CUX12	2.17E-26	1.317852	0.481	0.398	6.11E-22	Neutrophil: CUX1
CMIP2	6.64E-26	1.31181	0.446	0.352	1.87E-21	Neutrophil: CMIP
QKI1	8.65E-26	0.708009	0.74	0.78	2.43E-21	Neutrophil: QKI
SMARCA22	1.67E-25	1.391282	0.412	0.312	4.70E-21	Neutrophil: SMARCA2
RBM472	3.02E-25	1.203348	0.552	0.506	8.51E-21	Neutrophil: RBM47
MAP2K12	3.74E-25	1.334994	0.442	0.353	1.05E-20	Neutrophil: MAP2K1
AHNAK4	9.56E-25	1.100371	0.317	0.188	2.69E-20	Neutrophil: AHNAK
PSTPIP22	1.78E-24	1.309275	0.255	0.142	5.02E-20	Neutrophil: PSTPIP2
NLRP34	1.97E-24	1.379991	0.58	0.52	5.55E-20	Neutrophil: NLRP3
BCL22	4.51E-24	1.20819	0.453	0.362	1.27E-19	Neutrophil: BCL2
SPIDR2	8.82E-24	1.033074	0.54	0.491	2.48E-19	Neutrophil: SPIDR
MAN2A11	1.23E-23	1.265364	0.456	0.372	3.45E-19	Neutrophil: MAN2A1
PTPRE3	1.80E-23	1.007492	0.549	0.507	5.05E-19	Neutrophil: PTPRE
NR4A32	3.02E-23	1.038124	0.667	0.633	8.50E-19	Neutrophil: NR4A3
CTNNB11	5.90E-23	1.261795	0.523	0.49	1.66E-18	Neutrophil: CTNNB1
TP53BP2	6.95E-23	1.216097	0.3	0.188	1.96E-18	Neutrophil: TP53BP2
PRKCB1	2.23E-22	1.063306	0.353	0.242	6.27E-18	Neutrophil: PRKCB
SUMF11	4.98E-22	1.098971	0.369	0.264	1.40E-17	Neutrophil: SUMF1
SYTL32	5.53E-22	1.195758	0.501	0.424	1.56E-17	Neutrophil: SYTL3
RUNX21	8.19E-22	1.22631	0.387	0.291	2.30E-17	Neutrophil: RUNX2
ATP9B1	8.73E-22	1.09086	0.319	0.209	2.46E-17	Neutrophil: ATP9B
UBAP12	1.16E-21	1.144518	0.378	0.278	3.28E-17	Neutrophil: UBAP1
RHOQ	1.46E-21	1.245721	0.364	0.264	4.10E-17	Neutrophil: RHOQ
RIN31	1.63E-21	1.075309	0.498	0.455	4.58E-17	Neutrophil: RIN3
TBC1D52	2.10E-21	1.070952	0.47	0.399	5.91E-17	Neutrophil: TBC1D5
RASA22	3.19E-21	1.175514	0.272	0.164	8.96E-17	Neutrophil: RASA2
KMT2C1	4.61E-21	0.968514	0.465	0.391	1.30E-16	Neutrophil: KMT2C
SFMBT22	6.23E-21	0.848395	0.639	0.639	1.75E-16	Neutrophil: SFMBT2
PPP1CB3	3.67E-20	1.154577	0.347	0.249	1.03E-15	Neutrophil: PPP1CB
MRTFA1	5.37E-20	1.059137	0.378	0.287	1.51E-15	Neutrophil: MRTFA
EXOC41	5.69E-20	1.082603	0.406	0.322	1.60E-15	Neutrophil: EXOC4
VPS13B1	8.16E-20	0.984365	0.345	0.243	2.30E-15	Neutrophil: VPS13B
PDE3B1	8.22E-20	1.143388	0.498	0.439	2.31E-15	Neutrophil: PDE3B
ELL2	1.20E-19	0.850802	0.725	0.79	3.37E-15	Neutrophil: ELL2
FNDC3B2	1.61E-19	1.267902	0.347	0.252	4.53E-15	Neutrophil: FNDC3B
ALCAM1	1.84E-19	1.178363	0.454	0.377	5.17E-15	Neutrophil: ALCAM
FP236383.3	2.13E-19	0.535659	0.701	0.504	5.99E-15	Neutrophil: FP236383.3
ESYT21	2.32E-19	1.316365	0.294	0.192	6.53E-15	Neutrophil: ESYT2
ANKRD442	2.42E-19	0.948772	0.572	0.577	6.80E-15	Neutrophil: ANKRD44
PDE8A1	2.69E-19	1.145309	0.403	0.314	7.56E-15	Neutrophil: PDE8A

MAP3K83	5.01E-19	0.991594	0.658	0.665	1.41E-14	Neutrophil: MAP3K8
SRGAP2B1	6.80E-19	0.919988	0.551	0.525	1.91E-14	Neutrophil: SRGAP2B
ITPR11	6.99E-19	1.035545	0.353	0.259	1.97E-14	Neutrophil: ITPR1
RASGEF1B	8.31E-19	0.784884	0.647	0.647	2.34E-14	Neutrophil: RASGEF1B
REL2	9.04E-19	0.740872	0.709	0.75	2.54E-14	Neutrophil: REL
SPAG92	1.59E-18	1.070337	0.449	0.383	4.48E-14	Neutrophil: SPAG9
DOCK82	2.08E-18	0.808526	0.639	0.69	5.85E-14	Neutrophil: DOCK8
LYN1	3.63E-18	0.914559	0.624	0.669	1.02E-13	Neutrophil: LYN
DLEU21	5.17E-18	1.008922	0.457	0.401	1.45E-13	Neutrophil: DLEU2
ZNF3312	1.01E-17	1.117045	0.636	0.624	2.83E-13	Neutrophil: ZNF331
FTX2	1.25E-17	0.913121	0.353	0.259	3.51E-13	Neutrophil: FTX
TANK2	1.81E-17	1.365072	0.376	0.307	5.10E-13	Neutrophil: TANK
LRRK22	1.83E-17	1.024797	0.305	0.211	5.15E-13	Neutrophil: LRRK2
NFE2L22	1.83E-17	1.105766	0.485	0.458	5.16E-13	Neutrophil: NFE2L2
GABPB1	3.24E-17	1.150587	0.267	0.175	9.12E-13	Neutrophil: GABPB1
KDM4C	4.62E-17	0.919997	0.305	0.211	1.30E-12	Neutrophil: KDM4C
PIK3R51	4.84E-17	0.999019	0.496	0.464	1.36E-12	Neutrophil: PIK3R5
FAM172A1	6.42E-17	0.815669	0.309	0.212	1.81E-12	Neutrophil: FAM172A
SAMSN12	7.48E-17	1.207472	0.577	0.603	2.10E-12	Neutrophil: SAMSN1
AOAH2	8.17E-17	1.131224	0.498	0.481	2.30E-12	Neutrophil: AOAH
PAN31	1.32E-16	0.889292	0.337	0.247	3.70E-12	Neutrophil: PAN3
GNA132	1.53E-16	0.814407	0.594	0.604	4.29E-12	Neutrophil: GNA13
BASP14	2.64E-16	1.137153	0.569	0.563	7.44E-12	Neutrophil: BASP1
VT11A1	2.70E-16	0.926741	0.325	0.237	7.60E-12	Neutrophil: VT11A
TLR23	3.79E-16	1.082719	0.519	0.512	1.07E-11	Neutrophil: TLR2
HIVEP22	6.89E-16	1.212893	0.375	0.301	1.94E-11	Neutrophil: HIVEP2
SNX92	8.84E-16	1.045834	0.56	0.549	2.49E-11	Neutrophil: SNX9
RASSF31	9.38E-16	1.050276	0.252	0.163	2.64E-11	Neutrophil: RASSF3
AFF11	9.99E-16	1.020188	0.376	0.302	2.81E-11	Neutrophil: AFF1
MAP4K33	1.08E-15	0.809217	0.533	0.511	3.04E-11	Neutrophil: MAP4K3
GAS71	1.08E-15	1.118789	0.267	0.177	3.05E-11	Neutrophil: GAS7
SUSD61	1.15E-15	0.894487	0.471	0.435	3.24E-11	Neutrophil: SUSD6
CD833	1.48E-15	0.508154	0.879	0.912	4.17E-11	Neutrophil: CD83
MYO9B2	1.77E-15	0.961301	0.509	0.486	4.98E-11	Neutrophil: MYO9B
ARL151	2.28E-15	1.026642	0.328	0.245	6.40E-11	Neutrophil: ARL15
USP341	2.66E-15	0.958141	0.369	0.298	7.50E-11	Neutrophil: USP34
HNRNPC2	2.78E-15	0.918969	0.569	0.606	7.83E-11	Neutrophil: HNRNPC
STK38L1	3.09E-15	1.387434	0.397	0.33	8.71E-11	Neutrophil: STK38L
ATXN11	3.95E-15	1.054974	0.407	0.352	1.11E-10	Neutrophil: ATXN1
FNDC3A2	4.67E-15	1.113065	0.404	0.349	1.31E-10	Neutrophil: FNDC3A
LIMS12	4.75E-15	0.731687	0.659	0.69	1.34E-10	Neutrophil: LIMS1
NFAT51	4.80E-15	1.049766	0.412	0.351	1.35E-10	Neutrophil: NFAT5
NCOA21	5.12E-15	1.008929	0.305	0.221	1.44E-10	Neutrophil: NCOA2
FRYL1	5.69E-15	0.947919	0.339	0.258	1.60E-10	Neutrophil: FRYL
AGO21	8.15E-15	1.141984	0.253	0.17	2.29E-10	Neutrophil: AGO2
SBF21	8.36E-15	0.918015	0.393	0.329	2.35E-10	Neutrophil: SBF2
CDC42SE21	8.85E-15	1.051943	0.317	0.238	2.49E-10	Neutrophil: CDC42SE2

ADAMTSL4	8.92E-15	0.916238	0.404	0.336	2.51E-10	Neutrophil: ADAMTSL4-AS1
MKLN11	9.61E-15	0.881751	0.406	0.34	2.70E-10	Neutrophil: MKLN1
TNFAIP36	1.21E-14	1.085142	0.588	0.551	3.40E-10	Neutrophil: TNFAIP3
DYRK1A1	1.47E-14	0.932301	0.344	0.268	4.13E-10	Neutrophil: DYRK1A
CYTIP3	2.48E-14	1.046551	0.267	0.184	6.98E-10	Neutrophil: CYTIP
FNBP13	3.37E-14	1.060476	0.32	0.244	9.47E-10	Neutrophil: FNBP1
FOSL22	3.71E-14	1.001433	0.297	0.213	1.04E-09	Neutrophil: FOSL2
WVOX1	4.62E-14	1.15665	0.334	0.258	1.30E-09	Neutrophil: WVOX
SSBP21	5.51E-14	1.187603	0.323	0.246	1.55E-09	Neutrophil: SSBP2
LPP1	6.11E-14	0.784645	0.513	0.502	1.72E-09	Neutrophil: LPP
EPB41L33	6.82E-14	1.105466	0.406	0.358	1.92E-09	Neutrophil: EPB41L3
BCAS31	8.02E-14	0.929239	0.317	0.238	2.26E-09	Neutrophil: BCAS3
GLS1	8.59E-14	1.02533	0.49	0.478	2.42E-09	Neutrophil: GLS
RIC1	1.30E-13	0.972337	0.322	0.244	3.65E-09	Neutrophil: RIC1
ELF21	1.83E-13	1.081106	0.365	0.305	5.15E-09	Neutrophil: ELF2
PLAUR3	2.62E-13	0.717067	0.58	0.537	7.37E-09	Neutrophil: PLAUR
B4GALT12	2.64E-13	0.77183	0.591	0.605	7.42E-09	Neutrophil: B4GALT1
PELI11	2.67E-13	1.24902	0.538	0.547	7.50E-09	Neutrophil: PELI1
CHD21	4.31E-13	0.895839	0.473	0.459	1.21E-08	Neutrophil: CHD2
FNIP21	4.63E-13	1.081922	0.418	0.37	1.30E-08	Neutrophil: FNIP2
ROCK11	5.20E-13	0.992235	0.454	0.438	1.46E-08	Neutrophil: ROCK1
DISC12	5.28E-13	0.875976	0.426	0.383	1.48E-08	Neutrophil: DISC1
DENND4A1	6.26E-13	0.975245	0.373	0.315	1.76E-08	Neutrophil: DENND4A
RUNX11	7.23E-13	0.792743	0.588	0.601	2.03E-08	Neutrophil: RUNX1
UVRAG2	8.51E-13	0.933186	0.417	0.381	2.40E-08	Neutrophil: UVRAG
FBXW111	9.79E-13	0.941227	0.389	0.339	2.75E-08	Neutrophil: FBXW11
ST3GAL1	1.25E-12	0.948526	0.302	0.228	3.52E-08	Neutrophil: ST3GAL1
SMAP22	1.33E-12	0.592127	0.701	0.77	3.73E-08	Neutrophil: SMAP2
PAG11	1.40E-12	0.947622	0.46	0.437	3.93E-08	Neutrophil: PAG1
IMMP2L1	1.41E-12	1.058859	0.327	0.261	3.96E-08	Neutrophil: IMMP2L
KDM2A1	1.48E-12	0.946898	0.328	0.262	4.16E-08	Neutrophil: KDM2A
MT-ND62	1.67E-12	0.703874	0.568	0.561	4.69E-08	Neutrophil: MT-ND6
FMNL21	1.72E-12	1.003317	0.495	0.482	4.84E-08	Neutrophil: FMNL2
BIRC61	1.77E-12	0.859429	0.376	0.323	4.98E-08	Neutrophil: BIRC6
FBXL17	2.25E-12	0.859108	0.261	0.184	6.34E-08	Neutrophil: FBXL17
FBXO111	2.78E-12	0.976524	0.4	0.36	7.83E-08	Neutrophil: FBXO11
KDM4B1	3.06E-12	0.986858	0.336	0.272	8.61E-08	Neutrophil: KDM4B
CSGALNAC	3.99E-12	1.00839	0.505	0.517	1.12E-07	Neutrophil: CSGALNACT1
COP11	4.30E-12	0.905587	0.336	0.274	1.21E-07	Neutrophil: COP1
DOCK101	1.46E-11	0.867171	0.502	0.508	4.10E-07	Neutrophil: DOCK10
CCNL11	1.75E-11	0.618842	0.596	0.646	4.92E-07	Neutrophil: CCNL1
RIPK23	1.80E-11	1.077365	0.308	0.244	5.05E-07	Neutrophil: RIPK2
MAP3K22	2.22E-11	0.977721	0.423	0.398	6.24E-07	Neutrophil: MAP3K2
LITAF3	3.41E-11	1.042647	0.459	0.446	9.59E-07	Neutrophil: LITAF
ARHGAP24	4.09E-11	0.861869	0.636	0.725	1.15E-06	Neutrophil: ARHGAP24
RABGEF12	5.42E-11	1.019579	0.428	0.396	1.53E-06	Neutrophil: RABGEF1
UBAC21	6.00E-11	0.766177	0.482	0.478	1.69E-06	Neutrophil: UBAC2

CCDC26	6.29E-11	0.970373	0.253	0.182	1.77E-06	Neutrophil: CCDC26
UBE2E21	6.84E-11	0.825804	0.504	0.53	1.92E-06	Neutrophil: UBE2E2
CMSS12	7.50E-11	1.244612	0.303	0.243	2.11E-06	Neutrophil: CMSS1
ANKRD12	7.68E-11	0.867658	0.381	0.337	2.16E-06	Neutrophil: ANKRD12
LRBA1	9.95E-11	0.767991	0.263	0.193	2.80E-06	Neutrophil: LRBA
RREB11	1.02E-10	0.817839	0.291	0.223	2.88E-06	Neutrophil: RREB1
ATG71	1.13E-10	0.963229	0.395	0.361	3.18E-06	Neutrophil: ATG7
FAM102B1	1.24E-10	0.906175	0.325	0.267	3.48E-06	Neutrophil: FAM102B
KIF13B	1.27E-10	1.154589	0.266	0.202	3.57E-06	Neutrophil: KIF13B
HERC11	1.36E-10	0.881199	0.297	0.233	3.84E-06	Neutrophil: HERC1
KANSL12	1.41E-10	0.844694	0.322	0.262	3.97E-06	Neutrophil: KANSL1
MACF11	3.25E-10	0.772036	0.457	0.447	9.15E-06	Neutrophil: MACF1
RANBP21	3.57E-10	0.810149	0.565	0.57	1.01E-05	Neutrophil: RANBP2
IPMK	4.11E-10	0.813333	0.253	0.186	1.16E-05	Neutrophil: IPMK
TRAPPC91	4.46E-10	0.888164	0.309	0.249	1.25E-05	Neutrophil: TRAPPC9
RAD51B1	4.48E-10	0.960012	0.344	0.295	1.26E-05	Neutrophil: RAD51B
DSE1	5.44E-10	0.979197	0.457	0.454	1.53E-05	Neutrophil: DSE
GPRIN3	5.62E-10	0.952705	0.314	0.262	1.58E-05	Neutrophil: GPRIN3
SNX291	5.67E-10	0.840263	0.406	0.378	1.60E-05	Neutrophil: SNX29
MANBA2	5.89E-10	0.902415	0.515	0.552	1.66E-05	Neutrophil: MANBA
FHIT1	6.83E-10	0.929299	0.443	0.433	1.92E-05	Neutrophil: FHIT
CHD11	1.16E-09	0.888762	0.443	0.432	3.25E-05	Neutrophil: CHD1
PIP4K2A2	1.81E-09	0.919942	0.308	0.258	5.09E-05	Neutrophil: PIP4K2A
PFKFB31	1.85E-09	0.885304	0.533	0.568	5.22E-05	Neutrophil: PFKFB3
RBM391	1.96E-09	0.600041	0.594	0.671	5.51E-05	Neutrophil: RBM39
BABAM21	4.20E-09	0.802621	0.331	0.286	0.000118	Neutrophil: BABAM2
UBE2D31	4.48E-09	0.730012	0.583	0.658	0.000126	Neutrophil: UBE2D3
RCOR11	4.50E-09	0.836644	0.28	0.225	0.000127	Neutrophil: RCOR1
FNIP11	4.87E-09	0.922311	0.359	0.326	0.000137	Neutrophil: FNIP1
FAM53B1	5.14E-09	0.926543	0.325	0.279	0.000145	Neutrophil: FAM53B
MSR13	5.34E-09	0.631753	0.551	0.579	0.00015	Neutrophil: MSR1
ATP8B42	5.72E-09	0.948462	0.457	0.461	0.000161	Neutrophil: ATP8B4
ZNF6091	5.73E-09	0.792195	0.292	0.237	0.000161	Neutrophil: ZNF609
CFLAR2	5.83E-09	0.728993	0.473	0.465	0.000164	Neutrophil: CFLAR
MTRNR2L1	5.97E-09	0.637827	0.313	0.501	0.000168	Neutrophil: MTRNR2L12
CIITA	6.58E-09	0.892687	0.308	0.259	0.000185	Neutrophil: CIITA
FBXW7	8.86E-09	0.838719	0.261	0.205	0.000249	Neutrophil: FBXW7
DTNA1	1.84E-08	0.836549	0.257	0.201	0.000519	Neutrophil: DTNA
TBXAS12	1.94E-08	0.653546	0.613	0.72	0.000546	Neutrophil: TBXAS1
NIPBL1	2.12E-08	0.772415	0.401	0.395	0.000598	Neutrophil: NIPBL
MEF2A2	2.14E-08	0.543639	0.672	0.787	0.000601	Neutrophil: MEF2A
TOP11	2.66E-08	0.901702	0.459	0.474	0.000748	Neutrophil: TOP1
RHOH3	2.83E-08	1.352313	0.297	0.254	0.000797	Neutrophil: RHOH
ARL8B2	2.92E-08	0.963688	0.356	0.332	0.000822	Neutrophil: ARL8B
ZMIZ11	3.37E-08	0.736314	0.355	0.317	0.000948	Neutrophil: ZMIZ1
ERC11	3.56E-08	0.775887	0.294	0.246	0.001001	Neutrophil: ERC1
RFX31	4.28E-08	0.753129	0.252	0.196	0.001204	Neutrophil: RFX3

CDKAL11	4.29E-08	0.748187	0.252	0.196	0.001206	Neutrophil: CDKAL1
PCNX22	4.58E-08	0.746334	0.33	0.288	0.001289	Neutrophil: PCNX2
COG51	4.92E-08	0.700222	0.283	0.232	0.001384	Neutrophil: COG5
KAT6A	6.14E-08	0.773959	0.258	0.206	0.001727	Neutrophil: KAT6A
ZFC3H1	7.16E-08	0.801853	0.316	0.276	0.002016	Neutrophil: ZFC3H1
USP9X1	8.41E-08	0.755286	0.32	0.279	0.002367	Neutrophil: USP9X
DST1	8.42E-08	0.883971	0.373	0.352	0.00237	Neutrophil: DST
ACSL32	8.98E-08	1.198969	0.303	0.261	0.002526	Neutrophil: ACSL3
XPR11	9.78E-08	0.734315	0.269	0.216	0.002751	Neutrophil: XPR1
CSF2RA2	1.13E-07	0.596414	0.607	0.677	0.003171	Neutrophil: CSF2RA
ANKS1A1	1.21E-07	0.770358	0.348	0.319	0.003417	Neutrophil: ANKS1A
UBR5	1.38E-07	0.871385	0.26	0.211	0.003888	Neutrophil: UBR5
MALT12	1.56E-07	0.979617	0.303	0.264	0.004403	Neutrophil: MALT1
DOCK21	1.83E-07	0.756671	0.435	0.447	0.005146	Neutrophil: DOCK2
DIP2B2	2.22E-07	0.824731	0.348	0.319	0.006246	Neutrophil: DIP2B
FAF11	2.22E-07	0.789831	0.32	0.285	0.006252	Neutrophil: FAF1
KMT2E1	2.39E-07	0.804473	0.418	0.429	0.006712	Neutrophil: KMT2E
FILIP1L2	2.82E-07	0.858508	0.309	0.27	0.007927	Neutrophil: FILIP1L
PPP3CA1	2.85E-07	0.851206	0.306	0.27	0.00801	Neutrophil: PPP3CA
VMP12	3.08E-07	0.752353	0.437	0.454	0.008656	Neutrophil: VMP1
ABCA11	3.25E-07	1.008249	0.407	0.401	0.009136	Neutrophil: ABCA1
PREX11	3.47E-07	0.746254	0.521	0.592	0.009767	Neutrophil: PREX1
RNF1492	3.79E-07	0.697414	0.509	0.565	0.010662	Neutrophil: RNF149
USP151	4.40E-07	0.677365	0.474	0.51	0.012393	Neutrophil: USP15
MYO1E1	4.74E-07	0.39649	0.221	0.358	0.013346	Neutrophil: MYO1E
ADGRE21	5.30E-07	0.880703	0.261	0.217	0.01492	Neutrophil: ADGRE2
EIF4G31	5.72E-07	0.786279	0.39	0.382	0.016093	Neutrophil: EIF4G3
USP362	5.92E-07	0.960452	0.316	0.281	0.016664	Neutrophil: USP36
ASH1L1	6.04E-07	0.724776	0.381	0.367	0.017004	Neutrophil: ASH1L
PTPRC2	7.07E-07	0.600808	0.597	0.716	0.019896	Neutrophil: PTPRC
MB21D21	7.19E-07	0.834409	0.28	0.238	0.020219	Neutrophil: MB21D2
GPCPD12	7.26E-07	0.830535	0.4	0.393	0.020422	Neutrophil: GPCPD1
WDR701	7.69E-07	0.751032	0.291	0.251	0.021644	Neutrophil: WDR70
MAML21	9.38E-07	0.747132	0.509	0.553	0.026382	Neutrophil: MAML2
STK101	1.12E-06	0.813835	0.274	0.232	0.031534	Neutrophil: STK10
TNRC6B1	1.20E-06	0.831299	0.327	0.303	0.033668	Neutrophil: TNRC6B
EHMT11	1.20E-06	0.722919	0.272	0.231	0.033703	Neutrophil: EHMT1
DYM	1.71E-06	0.766942	0.253	0.214	0.048057	Neutrophil: DYM
HIPK31	2.10E-06	0.744074	0.308	0.277	0.058995	Neutrophil: HIPK3
MPRIP1	2.10E-06	0.896857	0.272	0.234	0.059148	Neutrophil: MPRIP
SH2B32	2.39E-06	0.701574	0.378	0.369	0.06737	Neutrophil: SH2B3
RBPJ1	2.42E-06	0.853095	0.345	0.338	0.068202	Neutrophil: RBPJ
TNRC181	2.46E-06	0.779059	0.277	0.239	0.069307	Neutrophil: TNRC18
JAZF11	2.61E-06	0.796501	0.468	0.508	0.073385	Neutrophil: JAZF1
IGSF211	3.21E-06	0.267958	0.25	0.401	0.090186	Neutrophil: IGSF21
MBNL21	3.52E-06	0.724157	0.258	0.218	0.098917	Neutrophil: MBNL2
LCOR1	3.57E-06	0.834251	0.272	0.235	0.100338	Neutrophil: LCOR

PICALM2	3.76E-06	0.594361	0.583	0.687	0.105911	Neutrophil: PICALM
STAG11	5.38E-06	0.669611	0.407	0.416	0.151337	Neutrophil: STAG1
ADAM282	5.63E-06	0.583157	0.532	0.596	0.158375	Neutrophil: ADAM28
PIK3R11	5.67E-06	0.854284	0.481	0.524	0.159652	Neutrophil: PIK3R1
CCNY1	5.88E-06	0.733123	0.348	0.338	0.165566	Neutrophil: CCNY
RPS6KA3	5.92E-06	0.82721	0.351	0.341	0.166437	Neutrophil: RPS6KA3
PHF201	5.98E-06	0.870539	0.386	0.394	0.168269	Neutrophil: PHF20
ABR1	6.02E-06	0.638892	0.495	0.54	0.169526	Neutrophil: ABR
FAM49B1	6.26E-06	0.554525	0.552	0.645	0.176164	Neutrophil: FAM49B
AUTS21	6.43E-06	0.913235	0.337	0.315	0.180997	Neutrophil: AUTS2
TMEM123	6.45E-06	0.263631	0.16	0.267	0.181486	Neutrophil: TMEM123
STX42	6.48E-06	0.306699	0.191	0.309	0.182297	Neutrophil: STX4
TCF121	6.82E-06	0.662564	0.507	0.56	0.191769	Neutrophil: TCF12
NSMCE21	7.31E-06	0.748486	0.359	0.349	0.205568	Neutrophil: NSMCE2
SLC7A51	7.47E-06	0.928731	0.387	0.388	0.210079	Neutrophil: SLC7A5
TRAK1	8.96E-06	0.650623	0.252	0.212	0.252076	Neutrophil: TRAK1
BACH11	1.08E-05	0.795442	0.375	0.381	0.303217	Neutrophil: BACH1
PRKCH3	1.09E-05	0.551723	0.547	0.596	0.305495	Neutrophil: PRKCH
SPPL3	1.26E-05	0.712049	0.257	0.221	0.354283	Neutrophil: SPPL3
PSME41	1.27E-05	0.661157	0.289	0.257	0.358393	Neutrophil: PSME4
RGCC2	1.41E-05	0.655825	0.323	0.276	0.39626	Neutrophil: RGCC
IQGAP13	1.51E-05	0.713854	0.317	0.297	0.424871	Neutrophil: IQGAP1
RABGAP1L	1.59E-05	0.829668	0.378	0.39	0.446736	Neutrophil: RABGAP1L
PADI22	1.70E-05	0.341184	0.397	0.582	0.477473	Neutrophil: PADI2
NUMB2	1.88E-05	0.765046	0.367	0.373	0.530104	Neutrophil: NUMB
TBC1D11	1.94E-05	0.776711	0.364	0.371	0.547218	Neutrophil: TBC1D1
RNF2133	2.37E-05	0.843453	0.428	0.453	0.666946	Neutrophil: RNF213
PPP6R31	2.40E-05	0.713982	0.294	0.269	0.674844	Neutrophil: PPP6R3
NUP981	2.89E-05	0.771671	0.317	0.305	0.81385	Neutrophil: NUP98
CSNK1A12	3.46E-05	0.64005	0.454	0.502	0.974527	Neutrophil: CSNK1A1
STX72	4.30E-05	0.260568	0.202	0.321	1	Neutrophil: STX7
FGL23	4.80E-05	0.397059	0.272	0.424	1	Neutrophil: FGL2
MT-ATP62	5.04E-05	0.519814	0.787	0.857	1	Neutrophil: MT-ATP6
AP3B11	5.46E-05	0.703275	0.3	0.283	1	Neutrophil: AP3B1
SRGAP2C1	5.89E-05	0.663274	0.409	0.427	1	Neutrophil: SRGAP2C
DDX24	5.99E-05	0.310861	0.325	0.493	1	Neutrophil: DDX24
GRASP2	6.08E-05	0.412735	0.538	0.55	1	Neutrophil: GRASP
SND11	7.07E-05	0.72834	0.281	0.258	1	Neutrophil: SND1
CTBP21	9.52E-05	0.782812	0.263	0.239	1	Neutrophil: CTBP2
PRCP1	0.000112	0.324068	0.163	0.256	1	Neutrophil: PRCP
ITGAX3	0.00013	0.809152	0.393	0.416	1	Neutrophil: ITGAX
SETD2	0.00017	0.68072	0.267	0.246	1	Neutrophil: SETD2
FAM149A2	0.00018	0.263223	0.165	0.256	1	Neutrophil: FAM149A
CLK12	0.000186	0.685923	0.375	0.387	1	Neutrophil: CLK1
VAPA	0.000193	0.307892	0.32	0.49	1	Neutrophil: VAPA
JAK12	0.000216	0.771545	0.406	0.448	1	Neutrophil: JAK1
DENND5A2	0.000236	0.920521	0.275	0.258	1	Neutrophil: DENND5A

MTSS11	0.000249	0.280645	0.221	0.319	1 Neutrophil: MTSS1
CTTNBP2NL	0.000275	0.650728	0.362	0.373	1 Neutrophil: CTTNBP2NL
NUFIP22	0.000303	0.655396	0.418	0.444	1 Neutrophil: NUFIP2
PSEN11	0.000303	0.778319	0.269	0.252	1 Neutrophil: PSEN1
HSPH11	0.000322	0.313209	0.333	0.462	1 Neutrophil: HSPH1
RRBP11	0.000336	0.342651	0.184	0.28	1 Neutrophil: RRBP1
RBM61	0.000338	0.637957	0.319	0.315	1 Neutrophil: RBM6
IFRD11	0.000346	0.633124	0.459	0.501	1 Neutrophil: IFRD1
YWHAQ1	0.000358	0.308789	0.233	0.355	1 Neutrophil: YWHAQ
AC020916.1	0.000383	0.572969	0.526	0.586	1 Neutrophil: AC020916.1
BAZ2B1	0.000384	0.684924	0.369	0.381	1 Neutrophil: BAZ2B
GSK3B1	0.000401	0.615725	0.269	0.25	1 Neutrophil: GSK3B
PPARD1	0.000421	0.744027	0.339	0.343	1 Neutrophil: PPARD
GTF2B1	0.000431	0.255326	0.257	0.378	1 Neutrophil: GTF2B
ANXA13	0.000437	0.796465	0.358	0.344	1 Neutrophil: ANXA1
ARID4B1	0.000466	0.695263	0.333	0.34	1 Neutrophil: ARID4B
PDE4DIP1	0.000484	0.28764	0.199	0.294	1 Neutrophil: PDE4DIP
PNPLA81	0.00049	0.853076	0.294	0.29	1 Neutrophil: PNPLA8
CUL3	0.000508	0.702205	0.283	0.272	1 Neutrophil: CUL3
JAK22	0.000536	0.79213	0.297	0.293	1 Neutrophil: JAK2
NCOA31	0.000541	0.642661	0.337	0.338	1 Neutrophil: NCOA3
RAB7A2	0.000587	0.720833	0.515	0.607	1 Neutrophil: RAB7A
NF11	0.000587	0.646438	0.303	0.296	1 Neutrophil: NF1
CLASP2	0.000617	0.604685	0.25	0.227	1 Neutrophil: CLASP2
RCC21	0.00069	0.310514	0.241	0.358	1 Neutrophil: RCC2
LINC02256	0.00072	0.279491	0.246	0.367	1 Neutrophil: LINC02256
ATP2B1-AS	0.00073	0.317023	0.348	0.503	1 Neutrophil: ATP2B1-AS1
INPP5D2	0.000742	0.599416	0.454	0.511	1 Neutrophil: INPP5D
EZR1	0.00077	0.909041	0.369	0.394	1 Neutrophil: EZR
ETF11	0.000785	0.666279	0.378	0.404	1 Neutrophil: ETF1
SEMA4D1	0.000805	0.286882	0.187	0.278	1 Neutrophil: SEMA4D
DNAJC31	0.000822	0.279528	0.193	0.287	1 Neutrophil: DNAJC3
MAP4K42	0.000838	0.347759	0.255	0.373	1 Neutrophil: MAP4K4
STAB1	0.000862	0.319544	0.236	0.348	1 Neutrophil: STAB1
IFNGR22	0.000876	0.263925	0.373	0.547	1 Neutrophil: IFNGR2
BTAF11	0.000882	0.625722	0.286	0.275	1 Neutrophil: BTAF1
ATP6V1B2	0.000955	0.412131	0.325	0.477	1 Neutrophil: ATP6V1B2
SP1001	0.001005	0.339323	0.348	0.521	1 Neutrophil: SP100
BRAF1	0.001012	0.645567	0.261	0.242	1 Neutrophil: BRAF
NKTR	0.001032	0.63233	0.257	0.241	1 Neutrophil: NKTR
THEMIS2	0.001102	0.29939	0.271	0.4	1 Neutrophil: THEMIS2
RNF13	0.001159	0.324769	0.278	0.416	1 Neutrophil: RNF13
CPQ	0.001168	0.709066	0.336	0.347	1 Neutrophil: CPQ
APLP21	0.001257	0.27193	0.323	0.479	1 Neutrophil: APLP2
AMD1	0.001292	0.282451	0.174	0.262	1 Neutrophil: AMD1
TUT71	0.00136	0.262384	0.222	0.326	1 Neutrophil: TUT7
SYK1	0.001367	0.308161	0.347	0.513	1 Neutrophil: SYK

RFX22	0.001634	0.293373	0.207	0.297	1 Neutrophil: RFX2
TRIP121	0.001754	0.585058	0.303	0.303	1 Neutrophil: TRIP12
KCNMA11	0.001854	0.431419	0.185	0.271	1 Neutrophil: KCNMA1
BBX1	0.001881	0.666226	0.258	0.246	1 Neutrophil: BBX
MGAT51	0.001977	0.62759	0.313	0.305	1 Neutrophil: MGAT5
SEPTIN61	0.002189	0.358193	0.207	0.302	1 Neutrophil: SEPTIN6
MORF4L2	0.002239	0.250749	0.221	0.321	1 Neutrophil: MORF4L2
SNRNP70	0.002253	0.261971	0.264	0.384	1 Neutrophil: SNRNP70
SYAP12	0.002258	0.770074	0.365	0.379	1 Neutrophil: SYAP1
CREBBP1	0.00238	0.604559	0.264	0.256	1 Neutrophil: CREBBP
INTS62	0.00253	0.264743	0.227	0.325	1 Neutrophil: INTS6
DNAJB62	0.002645	0.430678	0.305	0.447	1 Neutrophil: DNAJB6
KCNQ31	0.002678	0.586007	0.344	0.504	1 Neutrophil: KCNQ3
PRDM12	0.002979	0.255285	0.253	0.355	1 Neutrophil: PRDM1
ITGB1	0.003013	0.280714	0.246	0.359	1 Neutrophil: ITGB1
ETNK11	0.003014	0.275891	0.208	0.301	1 Neutrophil: ETNK1
NFKBIZ4	0.003127	0.529936	0.498	0.536	1 Neutrophil: NFKBIZ
PUM21	0.003167	0.616967	0.266	0.258	1 Neutrophil: PUM2
PRKN1	0.003269	0.604264	0.257	0.241	1 Neutrophil: PRKN
SRSF111	0.003625	0.2533	0.32	0.461	1 Neutrophil: SRSF11
CHD92	0.00367	0.253463	0.33	0.476	1 Neutrophil: CHD9
GALNT21	0.003696	0.672955	0.401	0.445	1 Neutrophil: GALNT2
PIAS11	0.003901	0.669204	0.378	0.423	1 Neutrophil: PIAS1
ERGIC1	0.003941	0.292571	0.24	0.344	1 Neutrophil: ERGIC1
ITGAV2	0.004121	0.316507	0.327	0.454	1 Neutrophil: ITGAV
PARVG	0.004494	0.310326	0.291	0.419	1 Neutrophil: PARVG
CDK62	0.004509	0.27442	0.185	0.26	1 Neutrophil: CDK6
DAGLB2	0.004717	0.713324	0.39	0.433	1 Neutrophil: DAGLB
TRA2A1	0.005398	0.563131	0.314	0.321	1 Neutrophil: TRA2A
GPR1324	0.005569	0.9797	0.28	0.285	1 Neutrophil: GPR132
SARNP1	0.006268	0.269802	0.188	0.267	1 Neutrophil: SARNP
IDS	0.006302	0.298007	0.299	0.425	1 Neutrophil: IDS
12-Mar	0.006519	0.807834	0.288	0.294	1 Neutrophil: 1-Mar
VPS13D1	0.006865	0.56142	0.261	0.255	1 Neutrophil: VPS13D
ZFAND54	0.007182	0.463621	0.454	0.5	1 Neutrophil: ZFAND5
MAPKAP11	0.007408	0.646814	0.257	0.251	1 Neutrophil: MAPKAP1
DDX171	0.007499	0.271052	0.358	0.515	1 Neutrophil: DDX17
MGAT12	0.007548	0.366715	0.35	0.5	1 Neutrophil: MGAT1
NXF11	0.007569	0.299378	0.179	0.251	1 Neutrophil: NXF1
AZIN1-AS1:	0.007613	0.927139	0.342	0.36	1 Neutrophil: AZIN1-AS1
PACSIN21	0.008022	0.680587	0.33	0.354	1 Neutrophil: PACSIN2
MYH91	0.008351	0.282145	0.331	0.472	1 Neutrophil: MYH9
UBL31	0.008504	0.718575	0.334	0.365	1 Neutrophil: UBL3
ERICH11	0.009835	0.398773	0.205	0.291	1 Neutrophil: ERICH1
LGALS13	0	2.470753	0.787	0.206	0 TAM-lysosc LGALS1
GPNMB	0	2.242795	0.616	0.038	0 TAM-lysosc GPNMB
LGALS31	8.03E-307	1.612416	0.4	0.051	2.26E-302 TAM-lysosc LGALS3

NUPR1	1.95E-223	1.729698	0.337	0.049	5.47E-219	TAM-lysosc	NUPR1
ANXA22	3.82E-220	1.321714	0.499	0.101	1.08E-215	TAM-lysosc	ANXA2
CD92	1.13E-179	1.294233	0.559	0.147	3.17E-175	TAM-lysosc	CD9
FTL2	4.90E-157	1.40999	1	0.974	1.38E-152	TAM-lysosc	FTL
S100A103	1.11E-151	1.579813	0.446	0.108	3.12E-147	TAM-lysosc	S100A10
CSTB2	5.85E-142	1.886721	0.82	0.418	1.65E-137	TAM-lysosc	CSTB
VIM5	1.79E-131	1.984779	0.813	0.411	5.03E-127	TAM-lysosc	VIM
GAPDH4	3.97E-128	2.072306	0.989	0.866	1.12E-123	TAM-lysosc	GAPDH
CD63	2.77E-115	1.103986	0.908	0.655	7.80E-111	TAM-lysosc	CD63
MIF4	2.33E-114	2.207538	0.836	0.538	6.56E-110	TAM-lysosc	MIF
CTSD3	1.49E-106	1.467651	0.905	0.666	4.20E-102	TAM-lysosc	CTSD
ENO14	1.82E-99	1.409879	0.79	0.477	5.11E-95	TAM-lysosc	ENO1
PLIN23	2.85E-97	1.816409	0.684	0.327	8.01E-93	TAM-lysosc	PLIN2
LPL	1.26E-95	1.030383	0.363	0.101	3.53E-91	TAM-lysosc	LPL
CD682	2.33E-89	0.962227	0.917	0.705	6.56E-85	TAM-lysosc	CD68
EMP32	6.24E-89	1.101325	0.644	0.297	1.76E-84	TAM-lysosc	EMP3
ALDOA3	4.03E-85	1.392595	0.76	0.455	1.13E-80	TAM-lysosc	ALDOA
FTH14	1.78E-84	1.125377	1	0.984	5.02E-80	TAM-lysosc	FTH1
IFI303	5.98E-84	1.173741	0.914	0.689	1.68E-79	TAM-lysosc	IFI30
PPDPF3	9.25E-84	1.046155	0.586	0.253	2.60E-79	TAM-lysosc	PPDPF
S100A112	1.05E-81	0.842162	0.966	0.83	2.96E-77	TAM-lysosc	S100A11
LDHA3	1.31E-81	1.676722	0.751	0.451	3.67E-77	TAM-lysosc	LDHA
SH3BGRL34	1.88E-80	0.998017	0.891	0.666	5.29E-76	TAM-lysosc	SH3BGRL3
PKM3	6.98E-80	1.062856	0.758	0.451	1.96E-75	TAM-lysosc	PKM
ERO1A	2.51E-78	0.948627	0.362	0.118	7.05E-74	TAM-lysosc	ERO1A
GPI1	1.31E-76	1.126287	0.538	0.244	3.68E-72	TAM-lysosc	GPI
ATF5	2.82E-76	0.839988	0.354	0.113	7.93E-72	TAM-lysosc	ATF5
ATP6V1F1	4.56E-76	0.942023	0.801	0.519	1.28E-71	TAM-lysosc	ATP6V1F
BRI33	1.36E-75	0.95796	0.822	0.52	3.83E-71	TAM-lysosc	BRI3
P4HB1	3.72E-74	1.396027	0.635	0.338	1.05E-69	TAM-lysosc	P4HB
SDF2L1	1.12E-73	1.043801	0.423	0.156	3.15E-69	TAM-lysosc	SDF2L1
SPP12	1.35E-71	1.963492	0.935	0.832	3.81E-67	TAM-lysosc	SPP1
FABP51	8.22E-70	1.297723	0.506	0.222	2.31E-65	TAM-lysosc	FABP5
LSP13	1.21E-69	1.055425	0.607	0.297	3.39E-65	TAM-lysosc	LSP1
TXN2	8.76E-69	1.079638	0.457	0.185	2.47E-64	TAM-lysosc	TXN
TPI11	1.31E-67	1.114725	0.855	0.61	3.68E-63	TAM-lysosc	TPI1
SEC61G1	1.68E-67	1.038167	0.566	0.273	4.74E-63	TAM-lysosc	SEC61G
HM131	1.05E-63	0.96193	0.661	0.375	2.96E-59	TAM-lysosc	HM13
ADM	9.56E-63	1.288982	0.356	0.13	2.69E-58	TAM-lysosc	ADM
ATP6VOC2	1.01E-62	0.751706	0.899	0.695	2.84E-58	TAM-lysosc	ATP6VOC
PGK11	2.19E-62	1.086689	0.783	0.512	6.16E-58	TAM-lysosc	PGK1
VEGFB	1.11E-59	0.781304	0.55	0.268	3.13E-55	TAM-lysosc	VEGFB
CTSL1	3.78E-59	1.350552	0.653	0.37	1.06E-54	TAM-lysosc	CTSL
SERF22	2.34E-56	0.692399	0.935	0.801	6.59E-52	TAM-lysosc	SERF2
TAGLN23	2.53E-56	0.723603	0.608	0.314	7.12E-52	TAM-lysosc	TAGLN2
APOC12	1.32E-55	0.915789	0.933	0.783	3.72E-51	TAM-lysosc	APOC1
PLP22	4.08E-55	0.547971	0.342	0.125	1.15E-50	TAM-lysosc	PLP2

C4orf32	3.02E-54	0.872183	0.587	0.316	8.50E-50	TAM-lysosc	C4orf3
EIF4EBP11	5.88E-54	0.668931	0.393	0.16	1.65E-49	TAM-lysosc	EIF4EBP1
MT2A2	5.89E-54	1.861469	0.661	0.387	1.66E-49	TAM-lysosc	MT2A
S100A63	8.02E-54	0.450361	0.448	0.184	2.26E-49	TAM-lysosc	S100A6
FAM20C	7.48E-53	0.548006	0.337	0.124	2.11E-48	TAM-lysosc	FAM20C
MANF	2.74E-52	0.778679	0.353	0.139	7.70E-48	TAM-lysosc	MANF
GSTO11	1.24E-51	0.610467	0.517	0.249	3.49E-47	TAM-lysosc	GSTO1
METRNL3	4.11E-51	0.855265	0.427	0.195	1.16E-46	TAM-lysosc	METRNL
PDIA6	2.49E-50	0.967785	0.545	0.287	7.00E-46	TAM-lysosc	PDIA6
SNHG121	3.12E-50	1.698157	0.469	0.226	8.78E-46	TAM-lysosc	SNHG12
RNF187	1.35E-49	0.53553	0.33	0.126	3.79E-45	TAM-lysosc	RNF187
VDAC1	2.09E-49	0.687366	0.561	0.299	5.87E-45	TAM-lysosc	VDAC1
PGAM12	3.80E-48	0.648046	0.547	0.282	1.07E-43	TAM-lysosc	PGAM1
PPP1R14B	5.10E-48	0.55216	0.466	0.218	1.43E-43	TAM-lysosc	PPP1R14B
SLC3A21	1.69E-47	0.829559	0.642	0.381	4.75E-43	TAM-lysosc	SLC3A2
UPP12	1.86E-47	0.613608	0.337	0.132	5.23E-43	TAM-lysosc	UPP1
GUK11	2.08E-47	0.73928	0.656	0.403	5.86E-43	TAM-lysosc	GUK1
HPCAL11	5.28E-47	0.380643	0.342	0.132	1.49E-42	TAM-lysosc	HPCAL1
RALA2	1.30E-46	0.618469	0.31	0.118	3.65E-42	TAM-lysosc	RALA
RGCC3	3.42E-46	1.240584	0.527	0.275	9.62E-42	TAM-lysosc	RGCC
MYL62	5.06E-46	0.610054	0.914	0.772	1.42E-41	TAM-lysosc	MYL6
MPP11	8.27E-46	0.516583	0.527	0.265	2.33E-41	TAM-lysosc	MPP1
CLIC12	2.24E-45	0.664493	0.861	0.657	6.31E-41	TAM-lysosc	CLIC1
TYMP2	2.32E-45	0.707908	0.608	0.351	6.52E-41	TAM-lysosc	TYMP
BNIP3L1	6.35E-45	0.835489	0.593	0.343	1.79E-40	TAM-lysosc	BNIP3L
VKORC11	9.57E-45	0.593739	0.49	0.245	2.69E-40	TAM-lysosc	VKORC1
MGAT13	1.45E-44	0.823979	0.734	0.498	4.09E-40	TAM-lysosc	MGAT1
BCAP311	2.99E-44	0.605561	0.7	0.453	8.40E-40	TAM-lysosc	BCAP31
TMEM70	6.00E-44	0.511661	0.455	0.213	1.69E-39	TAM-lysosc	TMEM70
CALR2	5.27E-42	0.980162	0.774	0.566	1.48E-37	TAM-lysosc	CALR
GBE1	1.21E-41	0.667111	0.369	0.163	3.39E-37	TAM-lysosc	GBE1
FBP11	1.44E-41	0.600043	0.326	0.135	4.06E-37	TAM-lysosc	FBP1
SSR31	1.62E-41	0.693139	0.601	0.357	4.57E-37	TAM-lysosc	SSR3
GNG51	4.31E-41	0.519738	0.843	0.62	1.21E-36	TAM-lysosc	GNG5
SMIM3	2.13E-40	0.580216	0.4	0.185	6.00E-36	TAM-lysosc	SMIM3
GYPC	9.03E-40	0.61156	0.57	0.322	2.54E-35	TAM-lysosc	GYPC
ACTG11	1.20E-39	0.631278	0.929	0.79	3.39E-35	TAM-lysosc	ACTG1
SSR42	1.79E-39	0.724859	0.734	0.494	5.04E-35	TAM-lysosc	SSR4
MITF	1.93E-39	0.446821	0.416	0.195	5.43E-35	TAM-lysosc	MITF
ZYX3	3.21E-39	0.632308	0.684	0.444	9.02E-35	TAM-lysosc	ZYX
RNASEK2	6.56E-39	0.548623	0.887	0.708	1.85E-34	TAM-lysosc	RNASEK
TMED2	9.30E-39	0.728299	0.471	0.247	2.62E-34	TAM-lysosc	TMED2
ANXA52	1.18E-38	0.574289	0.831	0.633	3.32E-34	TAM-lysosc	ANXA5
PPIB	1.51E-38	0.908548	0.808	0.63	4.25E-34	TAM-lysosc	PPIB
AP3S1	2.84E-38	0.389211	0.296	0.117	7.99E-34	TAM-lysosc	AP3S1
KDELR2	5.73E-38	0.550624	0.541	0.3	1.61E-33	TAM-lysosc	KDELR2
TMEM51	8.17E-38	0.455368	0.339	0.147	2.30E-33	TAM-lysosc	TMEM51

RNH11	1.90E-37	0.492551	0.578	0.339	5.35E-33	TAM-lysosc	RNH1
FGR2	2.05E-37	0.422395	0.335	0.143	5.76E-33	TAM-lysosc	FGR
DYNLL1	3.18E-37	0.544636	0.614	0.37	8.94E-33	TAM-lysosc	DYNLL1
GALM	5.05E-37	0.320129	0.259	0.097	1.42E-32	TAM-lysosc	GALM
RPL413	7.57E-37	0.666497	0.951	0.818	2.13E-32	TAM-lysosc	RPL41
SLC31A1	9.48E-37	0.330584	0.291	0.117	2.67E-32	TAM-lysosc	SLC31A1
HSP90B1	1.10E-36	1.397793	0.783	0.585	3.09E-32	TAM-lysosc	HSP90B1
CCDC107	1.22E-36	0.40431	0.325	0.138	3.43E-32	TAM-lysosc	CCDC107
CREG1	2.05E-36	0.579693	0.695	0.457	5.77E-32	TAM-lysosc	CREG1
FAM162A	2.46E-36	0.665133	0.397	0.196	6.92E-32	TAM-lysosc	FAM162A
DSTN	6.24E-36	0.401443	0.365	0.166	1.76E-31	TAM-lysosc	DSTN
CNIH41	1.50E-35	0.359779	0.28	0.112	4.21E-31	TAM-lysosc	CNIH4
RNF1811	2.36E-35	0.529204	0.501	0.272	6.65E-31	TAM-lysosc	RNF181
PSMA71	4.15E-35	0.536226	0.709	0.482	1.17E-30	TAM-lysosc	PSMA7
RAC23	4.26E-35	0.485449	0.326	0.144	1.20E-30	TAM-lysosc	RAC2
DCXR	5.30E-35	0.526626	0.441	0.231	1.49E-30	TAM-lysosc	DCXR
CD151	1.46E-34	0.384458	0.272	0.109	4.10E-30	TAM-lysosc	CD151
PDIA4	1.80E-34	0.758981	0.321	0.145	5.07E-30	TAM-lysosc	PDIA4
PCBP11	1.91E-34	0.597024	0.628	0.409	5.39E-30	TAM-lysosc	PCBP1
YBX13	2.16E-34	0.46639	0.859	0.666	6.09E-30	TAM-lysosc	YBX1
SEC61B1	5.78E-34	0.671139	0.698	0.47	1.63E-29	TAM-lysosc	SEC61B
ARL4C2	3.02E-33	0.54577	0.309	0.136	8.51E-29	TAM-lysosc	ARL4C
MT1X	6.31E-33	1.899812	0.317	0.151	1.78E-28	TAM-lysosc	MT1X
NOP102	7.09E-33	0.443468	0.557	0.327	1.99E-28	TAM-lysosc	NOP10
CNBP1	9.65E-33	0.611566	0.737	0.52	2.72E-28	TAM-lysosc	CNBP
DHRS3	1.28E-32	0.40523	0.411	0.204	3.59E-28	TAM-lysosc	DHRS3
RPN1	1.62E-32	0.528419	0.596	0.367	4.55E-28	TAM-lysosc	RPN1
SLC16A31	1.62E-32	0.636288	0.591	0.374	4.56E-28	TAM-lysosc	SLC16A3
OSTC1	2.05E-32	0.647401	0.439	0.24	5.76E-28	TAM-lysosc	OSTC
DERL2	6.86E-32	0.35877	0.323	0.145	1.93E-27	TAM-lysosc	DERL2
TRAM1	8.09E-32	0.542505	0.489	0.274	2.28E-27	TAM-lysosc	TRAM1
TRMT1121	8.22E-32	0.477116	0.619	0.387	2.31E-27	TAM-lysosc	TRMT112
LIPA1	8.91E-32	0.5476	0.556	0.333	2.51E-27	TAM-lysosc	LIPA
CANX1	1.40E-31	0.650215	0.713	0.491	3.95E-27	TAM-lysosc	CANX
PLTP2	2.28E-31	0.58193	0.409	0.212	6.43E-27	TAM-lysosc	PLTP
HINT12	4.08E-31	0.455446	0.69	0.449	1.15E-26	TAM-lysosc	HINT1
UBE2M	4.96E-31	0.438893	0.372	0.182	1.39E-26	TAM-lysosc	UBE2M
CALM11	1.23E-30	0.625675	0.811	0.643	3.46E-26	TAM-lysosc	CALM1
SH3GLB1	1.71E-30	0.43987	0.466	0.255	4.80E-26	TAM-lysosc	SH3GLB1
TIMP13	1.75E-30	0.814654	0.379	0.191	4.93E-26	TAM-lysosc	TIMP1
CD99	2.23E-30	0.513887	0.794	0.586	6.28E-26	TAM-lysosc	CD99
CTSB1	3.98E-30	0.514343	0.966	0.918	1.12E-25	TAM-lysosc	CTSB
GPX41	4.19E-30	0.526071	0.811	0.635	1.18E-25	TAM-lysosc	GPX4
SPCS2	5.65E-30	0.470413	0.55	0.332	1.59E-25	TAM-lysosc	SPCS2
CHCHD22	9.07E-30	0.425721	0.794	0.574	2.55E-25	TAM-lysosc	CHCHD2
FCGR2B3	1.41E-29	0.680777	0.305	0.142	3.97E-25	TAM-lysosc	FCGR2B
C7orf502	2.66E-29	0.326867	0.325	0.149	7.47E-25	TAM-lysosc	C7orf50

FERMT3	2.89E-29	0.474772	0.517	0.3	8.13E-25	TAM-lysosc	FERMT3
PTMA5	3.89E-29	0.413896	0.981	0.906	1.10E-24	TAM-lysosc	PTMA
RPL104	6.11E-29	0.403732	1	0.946	1.72E-24	TAM-lysosc	RPL10
COX7A21	6.97E-29	0.442416	0.589	0.373	1.96E-24	TAM-lysosc	COX7A2
DAD11	7.71E-29	0.531162	0.661	0.454	2.17E-24	TAM-lysosc	DAD1
PDIA3	8.63E-29	0.699056	0.746	0.544	2.43E-24	TAM-lysosc	PDIA3
PTMS	9.17E-29	0.413569	0.45	0.247	2.58E-24	TAM-lysosc	PTMS
OAZ13	1.07E-28	0.383471	0.94	0.797	3.01E-24	TAM-lysosc	OAZ1
GLDN	1.58E-28	1.020117	0.377	0.209	4.44E-24	TAM-lysosc	GLDN
HSD17B4	1.59E-28	0.456984	0.323	0.155	4.47E-24	TAM-lysosc	HSD17B4
CDK2AP2	1.81E-28	0.559189	0.342	0.172	5.08E-24	TAM-lysosc	CDK2AP2
MYDGF	1.82E-28	0.660272	0.556	0.362	5.11E-24	TAM-lysosc	MYDGF
BAG1	1.86E-28	0.352491	0.374	0.186	5.24E-24	TAM-lysosc	BAG1
ASAH11	2.07E-28	0.515244	0.838	0.674	5.83E-24	TAM-lysosc	ASAH1
EIF12	2.10E-28	0.504844	0.984	0.924	5.91E-24	TAM-lysosc	EIF1
LMAN1	2.75E-28	0.602105	0.432	0.238	7.74E-24	TAM-lysosc	LMAN1
HDLBP1	3.16E-28	0.451144	0.476	0.268	8.89E-24	TAM-lysosc	HDLBP
PSMD81	4.47E-28	0.357951	0.496	0.279	1.26E-23	TAM-lysosc	PSMD8
RAB13	4.99E-28	0.39246	0.275	0.122	1.41E-23	TAM-lysosc	RAB13
TMEM258	5.44E-28	0.615812	0.607	0.379	1.53E-23	TAM-lysosc	TMEM258
BLOC1S2	6.18E-28	0.340882	0.309	0.145	1.74E-23	TAM-lysosc	BLOC1S2
COPE2	1.03E-27	0.51807	0.642	0.431	2.89E-23	TAM-lysosc	COPE
ATP6V1G1	1.17E-27	0.498219	0.623	0.416	3.30E-23	TAM-lysosc	ATP6V1G1
TMSB103	1.20E-27	0.481081	0.982	0.925	3.39E-23	TAM-lysosc	TMSB10
TMED91	4.66E-27	0.461675	0.589	0.377	1.31E-22	TAM-lysosc	TMED9
CORO1C	6.63E-27	0.385188	0.425	0.233	1.86E-22	TAM-lysosc	CORO1C
CIAO2B1	1.22E-26	0.350783	0.496	0.287	3.42E-22	TAM-lysosc	CIAO2B
ANXA14	1.80E-26	0.584771	0.563	0.343	5.08E-22	TAM-lysosc	ANXA1
LAMTOR5	1.88E-26	0.356778	0.436	0.24	5.28E-22	TAM-lysosc	LAMTOR5
PFKL	2.32E-26	0.371821	0.4	0.215	6.52E-22	TAM-lysosc	PFKL
CSNK2B1	2.44E-26	0.423267	0.653	0.442	6.86E-22	TAM-lysosc	CSNK2B
EIF5A1	2.71E-26	0.395279	0.552	0.341	7.62E-22	TAM-lysosc	EIF5A
ZNF385A2	2.72E-26	0.448742	0.374	0.195	7.66E-22	TAM-lysosc	ZNF385A
PFN14	3.22E-26	0.442919	0.931	0.827	9.07E-22	TAM-lysosc	PFN1
COX6A1	3.42E-26	0.399823	0.801	0.61	9.63E-22	TAM-lysosc	COX6A1
GRINA1	3.50E-26	0.450794	0.642	0.427	9.84E-22	TAM-lysosc	GRINA
HLA-A4	3.53E-26	0.489664	0.942	0.838	9.92E-22	TAM-lysosc	HLA-A
ARHGDI1A	6.59E-26	0.428345	0.621	0.407	1.85E-21	TAM-lysosc	ARHGDI1A
UBA523	7.25E-26	0.370416	0.922	0.776	2.04E-21	TAM-lysosc	UBA52
NCF21	1.15E-25	0.390668	0.287	0.134	3.24E-21	TAM-lysosc	NCF2
NDUF31	1.17E-25	0.357714	0.478	0.273	3.29E-21	TAM-lysosc	NDUF31
PLD3	1.18E-25	0.47163	0.55	0.347	3.33E-21	TAM-lysosc	PLD3
PSMA62	1.22E-25	0.434822	0.522	0.313	3.44E-21	TAM-lysosc	PSMA6
CCNI2	1.30E-25	0.537839	0.776	0.587	3.66E-21	TAM-lysosc	CCNI
FAU4	1.52E-25	0.392202	0.982	0.88	4.27E-21	TAM-lysosc	FAU
PRDX1	3.69E-25	0.500334	0.691	0.503	1.04E-20	TAM-lysosc	PRDX1
HSPA51	4.11E-25	1.291651	0.762	0.584	1.16E-20	TAM-lysosc	HSPA5

CARD19	4.97E-25	0.363422	0.314	0.151	1.40E-20	TAM-lysosc	CARD19
RPL85	5.14E-25	0.373785	0.963	0.853	1.45E-20	TAM-lysosc	RPL8
RHOC1	6.39E-25	0.430197	0.439	0.254	1.80E-20	TAM-lysosc	RHOC
BCKDK	8.51E-25	0.347453	0.282	0.134	2.39E-20	TAM-lysosc	BCKDK
TYROBP3	1.10E-24	0.312502	0.961	0.91	3.10E-20	TAM-lysosc	TYROBP
RAB5IF1	1.18E-24	0.385763	0.397	0.22	3.33E-20	TAM-lysosc	RAB5IF
BCAT11	1.39E-24	0.326881	0.326	0.161	3.90E-20	TAM-lysosc	BCAT1
PPP4C	2.90E-24	0.360043	0.496	0.297	8.15E-20	TAM-lysosc	PPP4C
SSR24	3.05E-24	0.591681	0.582	0.397	8.59E-20	TAM-lysosc	SSR2
CALU	3.84E-24	0.319196	0.279	0.131	1.08E-19	TAM-lysosc	CALU
RPS27L1	4.35E-24	0.453942	0.54	0.335	1.22E-19	TAM-lysosc	RPS27L
RHOA1	5.73E-24	0.376339	0.892	0.76	1.61E-19	TAM-lysosc	RHOA
BLVRB1	6.15E-24	0.381897	0.36	0.191	1.73E-19	TAM-lysosc	BLVRB
KDELR11	6.90E-24	0.434844	0.571	0.373	1.94E-19	TAM-lysosc	KDELR1
LRRC59	7.31E-24	0.261898	0.337	0.171	2.06E-19	TAM-lysosc	LRRC59
H2AFY2	7.35E-24	0.397021	0.705	0.517	2.07E-19	TAM-lysosc	H2AFY
CADM11	7.75E-24	0.289369	0.254	0.116	2.18E-19	TAM-lysosc	CADM1
SNX32	8.61E-24	0.375796	0.705	0.492	2.42E-19	TAM-lysosc	SNX3
SEC11C	1.34E-23	0.614878	0.279	0.138	3.77E-19	TAM-lysosc	SEC11C
UBL52	2.04E-23	0.401405	0.672	0.467	5.75E-19	TAM-lysosc	UBL5
FAM50A	2.39E-23	0.316307	0.434	0.243	6.72E-19	TAM-lysosc	FAM50A
UCP21	4.31E-23	0.502347	0.545	0.354	1.21E-18	TAM-lysosc	UCP2
LAGE3	5.11E-23	0.290975	0.314	0.159	1.44E-18	TAM-lysosc	LAGE3
ARF1	6.25E-23	0.391747	0.737	0.541	1.76E-18	TAM-lysosc	ARF1
ELOC1	6.32E-23	0.356628	0.617	0.403	1.78E-18	TAM-lysosc	ELOC
TMBIM6	6.97E-23	0.434416	0.827	0.655	1.96E-18	TAM-lysosc	TMBIM6
NANS	8.95E-23	0.32841	0.515	0.313	2.52E-18	TAM-lysosc	NANS
PGD1	1.20E-22	0.399099	0.377	0.208	3.36E-18	TAM-lysosc	PGD
ATP5MC32	1.21E-22	0.413892	0.637	0.437	3.41E-18	TAM-lysosc	ATP5MC3
MGST3	1.25E-22	0.441517	0.573	0.386	3.51E-18	TAM-lysosc	MGST3
GSDME	2.38E-22	0.383726	0.261	0.127	6.70E-18	TAM-lysosc	GSDME
EMD	2.39E-22	0.325925	0.467	0.277	6.72E-18	TAM-lysosc	EMD
RPL36AL3	2.77E-22	0.434169	0.85	0.659	7.80E-18	TAM-lysosc	RPL36AL
OST41	3.38E-22	0.42822	0.67	0.476	9.52E-18	TAM-lysosc	OST4
COPZ1	3.84E-22	0.314471	0.316	0.163	1.08E-17	TAM-lysosc	COPZ1
AURKAIP11	4.24E-22	0.260427	0.446	0.256	1.19E-17	TAM-lysosc	AURKAIP1
WARS1	4.45E-22	0.43766	0.314	0.165	1.25E-17	TAM-lysosc	WARS
SELENOW1	4.77E-22	0.38831	0.524	0.328	1.34E-17	TAM-lysosc	SELENOW
RAN1	5.36E-22	0.38561	0.656	0.458	1.51E-17	TAM-lysosc	RAN
PRDX61	7.12E-22	0.311981	0.549	0.348	2.00E-17	TAM-lysosc	PRDX6
SCARB2	7.32E-22	0.295859	0.397	0.223	2.06E-17	TAM-lysosc	SCARB2
NDUFB92	8.06E-22	0.339587	0.519	0.322	2.27E-17	TAM-lysosc	NDUFB9
ATP5MD1	8.53E-22	0.381749	0.601	0.395	2.40E-17	TAM-lysosc	ATP5MD
LITAF4	1.02E-21	0.376211	0.66	0.445	2.88E-17	TAM-lysosc	LITAF
TNFRSF12A	1.10E-21	0.631068	0.291	0.149	3.11E-17	TAM-lysosc	TNFRSF12A
ARL8A	2.40E-21	0.348245	0.354	0.194	6.75E-17	TAM-lysosc	ARL8A
ATP5PF1	2.99E-21	0.373935	0.556	0.362	8.40E-17	TAM-lysosc	ATP5PF

ARPC22	4.14E-21	0.420885	0.785	0.637	1.16E-16	TAM-lysosc	ARPC2
SEC61A1	4.16E-21	0.415286	0.321	0.171	1.17E-16	TAM-lysosc	SEC61A1
TMEM167A	5.47E-21	0.323636	0.325	0.174	1.54E-16	TAM-lysosc	TMEM167A
NPL1	5.94E-21	0.274155	0.536	0.336	1.67E-16	TAM-lysosc	NPL
EEF1A13	6.01E-21	0.290885	0.996	0.964	1.69E-16	TAM-lysosc	EEF1A1
CLEC2B1	7.23E-21	0.623525	0.492	0.311	2.03E-16	TAM-lysosc	CLEC2B
CD444	8.58E-21	0.34564	0.272	0.134	2.41E-16	TAM-lysosc	CD44
UBE2B	8.87E-21	0.397373	0.543	0.35	2.50E-16	TAM-lysosc	UBE2B
ISG153	1.07E-20	0.796673	0.332	0.185	3.00E-16	TAM-lysosc	ISG15
P4HA12	1.14E-20	0.462787	0.503	0.318	3.21E-16	TAM-lysosc	P4HA1
MIR155HG	1.16E-20	0.344265	0.257	0.123	3.27E-16	TAM-lysosc	MIR155HG
SIRPA	1.88E-20	0.303989	0.476	0.293	5.28E-16	TAM-lysosc	SIRPA
GABARAP2	1.97E-20	0.32835	0.929	0.789	5.54E-16	TAM-lysosc	GABARAP
TALDO12	2.24E-20	0.377957	0.549	0.366	6.30E-16	TAM-lysosc	TALDO1
HMOX11	2.60E-20	0.926032	0.73	0.546	7.32E-16	TAM-lysosc	HMOX1
NDUFA61	3.85E-20	0.276746	0.427	0.249	1.08E-15	TAM-lysosc	NDUFA6
C19orf531	4.94E-20	0.256658	0.513	0.318	1.39E-15	TAM-lysosc	C19orf53
VEGFA3	8.95E-20	0.40477	0.291	0.151	2.52E-15	TAM-lysosc	VEGFA
B2M2	9.55E-20	0.308469	0.998	0.972	2.69E-15	TAM-lysosc	B2M
UQCR112	1.06E-19	0.376983	0.691	0.493	2.97E-15	TAM-lysosc	UQCR11
MLF2	1.09E-19	0.339012	0.462	0.282	3.08E-15	TAM-lysosc	MLF2
CYP27A1	1.49E-19	0.390566	0.282	0.146	4.20E-15	TAM-lysosc	CYP27A1
COX8A2	1.87E-19	0.388928	0.672	0.474	5.26E-15	TAM-lysosc	COX8A
NPC22	1.91E-19	0.327927	0.94	0.804	5.36E-15	TAM-lysosc	NPC2
ELOB1	1.91E-19	0.337371	0.628	0.443	5.38E-15	TAM-lysosc	ELOB
KRT10	2.25E-19	0.282033	0.474	0.294	6.32E-15	TAM-lysosc	KRT10
TXNL1	2.44E-19	0.306914	0.346	0.194	6.86E-15	TAM-lysosc	TXNL1
FCER1G2	2.49E-19	0.455729	0.905	0.816	7.02E-15	TAM-lysosc	FCER1G
NECTIN2	2.71E-19	0.269151	0.279	0.142	7.62E-15	TAM-lysosc	NECTIN2
EIF4A11	2.84E-19	0.369042	0.919	0.802	8.00E-15	TAM-lysosc	EIF4A1
PAIP21	3.10E-19	0.282063	0.496	0.313	8.71E-15	TAM-lysosc	PAIP2
EDF13	3.27E-19	0.333315	0.667	0.483	9.20E-15	TAM-lysosc	EDF1
TNFRSF141	3.66E-19	0.341751	0.282	0.148	1.03E-14	TAM-lysosc	TNFRSF14
SELENOH1	3.78E-19	0.300075	0.621	0.435	1.06E-14	TAM-lysosc	SELENOH
SAR1A	4.80E-19	0.266595	0.27	0.135	1.35E-14	TAM-lysosc	SAR1A
BANF11	5.52E-19	0.254997	0.487	0.304	1.55E-14	TAM-lysosc	BANF1
LMAN2	6.54E-19	0.31582	0.483	0.308	1.84E-14	TAM-lysosc	LMAN2
CAPG1	6.73E-19	0.451198	0.713	0.555	1.89E-14	TAM-lysosc	CAPG
COX20	7.88E-19	0.321225	0.3	0.159	2.22E-14	TAM-lysosc	COX20
APOE2	8.00E-19	0.405501	0.965	0.921	2.25E-14	TAM-lysosc	APOE
NDUFAB1	8.43E-19	0.284089	0.384	0.225	2.37E-14	TAM-lysosc	NDUFAB1
GHITM	9.31E-19	0.395343	0.437	0.272	2.62E-14	TAM-lysosc	GHITM
UGCG1	9.41E-19	0.355219	0.416	0.248	2.65E-14	TAM-lysosc	UGCG
MEA1	9.67E-19	0.276221	0.349	0.197	2.72E-14	TAM-lysosc	MEA1
PRDX2	9.75E-19	0.274981	0.317	0.172	2.74E-14	TAM-lysosc	PRDX2
SQSTM12	9.91E-19	0.347429	0.758	0.587	2.79E-14	TAM-lysosc	SQSTM1
POMP1	1.24E-18	0.367624	0.691	0.511	3.48E-14	TAM-lysosc	POMP

MCRIP1	1.34E-18	0.286394	0.31	0.167	3.76E-14	TAM-lysosc	MCRIP1
HLA-B3	1.48E-18	0.395915	0.981	0.934	4.16E-14	TAM-lysosc	HLA-B
CXCL162	1.63E-18	0.388521	0.792	0.642	4.58E-14	TAM-lysosc	CXCL16
RER1	1.94E-18	0.2893	0.446	0.275	5.46E-14	TAM-lysosc	RER1
TMED51	1.95E-18	0.294312	0.531	0.345	5.49E-14	TAM-lysosc	TMED5
HLA-C4	2.00E-18	0.401415	0.937	0.829	5.63E-14	TAM-lysosc	HLA-C
MFSD12	2.91E-18	0.278505	0.434	0.267	8.20E-14	TAM-lysosc	MFSD12
SRSF91	3.84E-18	0.268429	0.557	0.377	1.08E-13	TAM-lysosc	SRSF9
TMEM9B	4.57E-18	0.257481	0.446	0.269	1.29E-13	TAM-lysosc	TMEM9B
SPCS3	4.57E-18	0.354521	0.407	0.25	1.29E-13	TAM-lysosc	SPCS3
MBOAT7	4.68E-18	0.25478	0.254	0.129	1.32E-13	TAM-lysosc	MBOAT7
ARL6IP11	4.92E-18	0.351622	0.771	0.587	1.38E-13	TAM-lysosc	ARL6IP1
ARHGAP18	4.96E-18	0.291753	0.494	0.319	1.40E-13	TAM-lysosc	ARHGAP18
ANAPC111	5.21E-18	0.257452	0.506	0.323	1.47E-13	TAM-lysosc	ANAPC11
MYO1E2	5.41E-18	0.449615	0.54	0.356	1.52E-13	TAM-lysosc	MYO1E
SYNGR21	5.96E-18	0.336573	0.718	0.535	1.68E-13	TAM-lysosc	SYNGR2
ATP6V1B21	6.81E-18	0.332463	0.677	0.475	1.92E-13	TAM-lysosc	ATP6V1B2
DRAP11	8.92E-18	0.332675	0.623	0.438	2.51E-13	TAM-lysosc	DRAP1
ARPC52	1.05E-17	0.319815	0.672	0.477	2.96E-13	TAM-lysosc	ARPC5
IFITM34	1.19E-17	0.518868	0.64	0.464	3.35E-13	TAM-lysosc	IFITM3
HOMER3	1.19E-17	0.260742	0.291	0.156	3.36E-13	TAM-lysosc	HOMER3
PSME14	1.40E-17	0.304885	0.623	0.431	3.94E-13	TAM-lysosc	PSME1
SDF4	1.44E-17	0.300495	0.43	0.265	4.04E-13	TAM-lysosc	SDF4
WDR1	1.63E-17	0.284323	0.513	0.337	4.57E-13	TAM-lysosc	WDR1
CALM31	1.70E-17	0.334761	0.358	0.207	4.77E-13	TAM-lysosc	CALM3
PLEKHB2	1.81E-17	0.314333	0.416	0.253	5.09E-13	TAM-lysosc	PLEKHB2
MYL12A3	1.83E-17	0.345001	0.713	0.542	5.16E-13	TAM-lysosc	MYL12A
NDUFB42	2.54E-17	0.299602	0.522	0.347	7.14E-13	TAM-lysosc	NDUFB4
MLX	2.59E-17	0.263356	0.404	0.242	7.28E-13	TAM-lysosc	MLX
TWF2	2.81E-17	0.333133	0.478	0.313	7.89E-13	TAM-lysosc	TWF2
SELENOS1	3.14E-17	0.45201	0.407	0.261	8.83E-13	TAM-lysosc	SELENOS
ZNHIT11	4.28E-17	0.27422	0.353	0.201	1.21E-12	TAM-lysosc	ZNHIT1
ATP6AP1	4.69E-17	0.324505	0.614	0.443	1.32E-12	TAM-lysosc	ATP6AP1
PSMD7	4.70E-17	0.260026	0.402	0.247	1.32E-12	TAM-lysosc	PSMD7
DNAJB111	5.29E-17	0.325049	0.358	0.21	1.49E-12	TAM-lysosc	DNAJB11
IRAK1	5.60E-17	0.277467	0.3	0.167	1.57E-12	TAM-lysosc	IRAK1
DDT1	5.81E-17	0.29346	0.287	0.158	1.63E-12	TAM-lysosc	DDT
SPI12	5.98E-17	0.349173	0.838	0.686	1.68E-12	TAM-lysosc	SPI1
NAGK	6.01E-17	0.349985	0.455	0.297	1.69E-12	TAM-lysosc	NAGK
PSMA2	6.93E-17	0.252604	0.457	0.283	1.95E-12	TAM-lysosc	PSMA2
SSBP1	7.20E-17	0.267693	0.522	0.341	2.03E-12	TAM-lysosc	SSBP1
SF3B6	7.98E-17	0.261966	0.397	0.243	2.25E-12	TAM-lysosc	SF3B6
RPS284	8.05E-17	0.263833	0.979	0.878	2.26E-12	TAM-lysosc	RPS28
TMBIM1	8.35E-17	0.373683	0.427	0.272	2.35E-12	TAM-lysosc	TMBIM1
PRDX52	1.36E-16	0.281811	0.494	0.324	3.83E-12	TAM-lysosc	PRDX5
TUBA1C1	1.40E-16	0.300923	0.464	0.299	3.95E-12	TAM-lysosc	TUBA1C
JTB1	1.40E-16	0.295819	0.483	0.311	3.95E-12	TAM-lysosc	JTB

ALKBH72	1.43E-16	0.272635	0.501	0.326	4.01E-12	TAM-lysosc	ALKBH7
ATOX1	1.92E-16	0.291492	0.383	0.231	5.40E-12	TAM-lysosc	ATOX1
SOD1	1.94E-16	0.354604	0.515	0.346	5.45E-12	TAM-lysosc	SOD1
PDXK1	2.27E-16	0.274633	0.508	0.337	6.39E-12	TAM-lysosc	PDXK
PIM31	2.47E-16	0.314502	0.265	0.143	6.96E-12	TAM-lysosc	PIM3
SPG211	2.52E-16	0.257779	0.298	0.166	7.10E-12	TAM-lysosc	SPG21
LMNA1	2.77E-16	0.445068	0.272	0.149	7.80E-12	TAM-lysosc	LMNA
SEM1	3.97E-16	0.30661	0.529	0.358	1.12E-11	TAM-lysosc	SEM1
ASAP12	4.23E-16	0.275297	0.37	0.221	1.19E-11	TAM-lysosc	ASAP1
SIVA11	5.90E-16	0.347053	0.397	0.252	1.66E-11	TAM-lysosc	SIVA1
RPL273	6.26E-16	0.285653	0.875	0.71	1.76E-11	TAM-lysosc	RPL27
PSAP1	6.48E-16	0.306626	0.944	0.895	1.82E-11	TAM-lysosc	PSAP
CD1635	7.19E-16	0.336184	0.534	0.346	2.02E-11	TAM-lysosc	CD163
LY6E3	7.35E-16	0.562792	0.342	0.21	2.07E-11	TAM-lysosc	LY6E
CTDNEP1	7.60E-16	0.255559	0.48	0.308	2.14E-11	TAM-lysosc	CTDNEP1
BZW11	1.00E-15	0.359078	0.556	0.387	2.82E-11	TAM-lysosc	BZW1
RPS4Y14	1.20E-15	0.32448	0.614	0.429	3.38E-11	TAM-lysosc	RPS4Y1
CD300A	1.27E-15	0.330337	0.54	0.377	3.57E-11	TAM-lysosc	CD300A
AP2S13	1.46E-15	0.25923	0.513	0.344	4.11E-11	TAM-lysosc	AP2S1
COX6B12	1.53E-15	0.294929	0.728	0.547	4.29E-11	TAM-lysosc	COX6B1
DDOST	1.53E-15	0.280419	0.52	0.357	4.30E-11	TAM-lysosc	DDOST
MCUB	1.75E-15	0.254485	0.302	0.171	4.92E-11	TAM-lysosc	MCUB
CAST2	1.80E-15	0.307317	0.582	0.398	5.08E-11	TAM-lysosc	CAST
GNB21	2.04E-15	0.301902	0.63	0.458	5.74E-11	TAM-lysosc	GNB2
TCIRG11	2.07E-15	0.253445	0.466	0.304	5.82E-11	TAM-lysosc	TCIRG1
PSMF1	2.14E-15	0.26896	0.386	0.235	6.03E-11	TAM-lysosc	PSMF1
COX5B1	2.24E-15	0.261547	0.667	0.499	6.29E-11	TAM-lysosc	COX5B
TMEM176A	2.35E-15	0.334139	0.504	0.335	6.61E-11	TAM-lysosc	TMEM176A
PTGES31	2.59E-15	0.295904	0.663	0.486	7.29E-11	TAM-lysosc	PTGES3
OSBPL84	3.01E-15	0.439357	0.515	0.354	8.46E-11	TAM-lysosc	OSBPL8
SQOR1	3.06E-15	0.258763	0.319	0.183	8.61E-11	TAM-lysosc	SQOR
HAMP1	3.06E-15	0.771376	0.52	0.364	8.61E-11	TAM-lysosc	HAMP
MPC2	3.42E-15	0.351001	0.529	0.361	9.62E-11	TAM-lysosc	MPC2
SNRPD22	3.70E-15	0.273064	0.61	0.427	1.04E-10	TAM-lysosc	SNRPD2
VDAC2	3.99E-15	0.328756	0.571	0.402	1.12E-10	TAM-lysosc	VDAC2
PSMA5	6.18E-15	0.260234	0.347	0.209	1.74E-10	TAM-lysosc	PSMA5
CIB13	9.51E-15	0.255618	0.492	0.327	2.68E-10	TAM-lysosc	CIB1
PFDN53	1.03E-14	0.266596	0.869	0.726	2.91E-10	TAM-lysosc	PFDN5
GLUL	1.03E-14	0.610982	0.882	0.76	2.91E-10	TAM-lysosc	GLUL
ANXA111	1.08E-14	0.290257	0.469	0.318	3.03E-10	TAM-lysosc	ANXA11
TUBB1	1.12E-14	0.29114	0.642	0.476	3.15E-10	TAM-lysosc	TUBB
RABAC11	1.43E-14	0.32905	0.522	0.356	4.02E-10	TAM-lysosc	RABAC1
SND12	1.50E-14	0.254621	0.406	0.257	4.22E-10	TAM-lysosc	SND1
KRTCAP21	1.52E-14	0.28665	0.654	0.485	4.27E-10	TAM-lysosc	KRTCAP2
RPL92	1.57E-14	0.280589	0.914	0.797	4.42E-10	TAM-lysosc	RPL9
TPP1	1.61E-14	0.304529	0.51	0.342	4.54E-10	TAM-lysosc	TPP1
RPS54	1.93E-14	0.28006	0.887	0.769	5.44E-10	TAM-lysosc	RPS5

GOS22	1.95E-14	0.80686	0.277	0.159	5.49E-10	TAM-lysosc	GOS22
SDCBP1	2.24E-14	0.303972	0.794	0.64	6.29E-10	TAM-lysosc	SDCBP1
EIF2S2	2.48E-14	0.254156	0.409	0.26	6.99E-10	TAM-lysosc	EIF2S2
UBE2R21	2.89E-14	0.25962	0.416	0.268	8.14E-10	TAM-lysosc	UBE2R2
HMG11	3.32E-14	0.295118	0.637	0.462	9.33E-10	TAM-lysosc	HMG11
BRK11	3.59E-14	0.269106	0.663	0.494	1.01E-09	TAM-lysosc	BRK1
ATP5PD2	3.74E-14	0.258882	0.536	0.372	1.05E-09	TAM-lysosc	ATP5PD
SF3B51	4.02E-14	0.331769	0.481	0.336	1.13E-09	TAM-lysosc	SF3B5
RPL212	4.18E-14	0.32443	0.892	0.745	1.18E-09	TAM-lysosc	RPL21
PEA15	4.19E-14	0.273155	0.437	0.295	1.18E-09	TAM-lysosc	PEA15
SKP1	4.47E-14	0.26829	0.714	0.548	1.26E-09	TAM-lysosc	SKP1
EGLN1	4.71E-14	0.25618	0.259	0.143	1.32E-09	TAM-lysosc	EGLN1
TMED10	5.29E-14	0.262696	0.596	0.431	1.49E-09	TAM-lysosc	TMED10
DARS	6.52E-14	0.257624	0.411	0.26	1.83E-09	TAM-lysosc	DARS
GTF2A2	6.54E-14	0.278721	0.351	0.214	1.84E-09	TAM-lysosc	GTF2A2
MYADM2	7.37E-14	0.316936	0.496	0.338	2.07E-09	TAM-lysosc	MYADM
RPS93	8.34E-14	0.261327	0.954	0.86	2.35E-09	TAM-lysosc	RPS9
CDV3	8.34E-14	0.279607	0.556	0.396	2.35E-09	TAM-lysosc	CDV3
LAPTM4A	9.08E-14	0.29206	0.683	0.512	2.55E-09	TAM-lysosc	LAPTM4A
ACADVL	1.49E-13	0.257715	0.439	0.296	4.19E-09	TAM-lysosc	ACADVL
UFM1	2.65E-13	0.273811	0.362	0.229	7.46E-09	TAM-lysosc	UFM1
FKBP82	2.71E-13	0.255882	0.536	0.378	7.62E-09	TAM-lysosc	FKBP8
UBALD22	3.15E-13	0.310404	0.422	0.278	8.86E-09	TAM-lysosc	UBALD2
C18orf32	3.67E-13	0.289738	0.407	0.265	1.03E-08	TAM-lysosc	C18orf32
COX7A2L1	3.81E-13	0.275981	0.414	0.272	1.07E-08	TAM-lysosc	COX7A2L
PHLDA11	5.52E-13	0.278724	0.291	0.171	1.55E-08	TAM-lysosc	PHLDA1
MAFB2	5.69E-13	0.326841	0.746	0.596	1.60E-08	TAM-lysosc	MAFB
MYL12B2	6.97E-13	0.277975	0.718	0.558	1.96E-08	TAM-lysosc	MYL12B
TOMM20	8.31E-13	0.261791	0.529	0.366	2.34E-08	TAM-lysosc	TOMM20
SRP141	1.08E-12	0.251157	0.772	0.612	3.04E-08	TAM-lysosc	SRP14
ANP32B3	1.69E-12	0.256223	0.538	0.377	4.77E-08	TAM-lysosc	ANP32B
AL138963.4	1.89E-12	0.441188	0.333	0.21	5.32E-08	TAM-lysosc	AL138963.4
ZNF706	1.98E-12	0.279192	0.446	0.305	5.57E-08	TAM-lysosc	ZNF706
TREM21	2.55E-12	0.509548	0.771	0.733	7.16E-08	TAM-lysosc	TREM2
NINJ1	2.61E-12	0.335452	0.656	0.508	7.34E-08	TAM-lysosc	NINJ1
CYTIP4	2.78E-12	0.297625	0.302	0.184	7.81E-08	TAM-lysosc	CYTIP
SAP18	4.84E-12	0.255929	0.589	0.429	1.36E-07	TAM-lysosc	SAP18
C1orf43	5.08E-12	0.294392	0.543	0.381	1.43E-07	TAM-lysosc	C1orf43
CCPG1	5.22E-12	0.293074	0.25	0.147	1.47E-07	TAM-lysosc	CCPG1
RTN3	5.67E-12	0.325616	0.446	0.305	1.59E-07	TAM-lysosc	RTN3
MRPS36	1.46E-11	0.252853	0.295	0.18	4.11E-07	TAM-lysosc	MRPS36
APLP22	1.52E-11	0.278675	0.637	0.477	4.27E-07	TAM-lysosc	APLP2
EIF1B1	1.66E-11	0.271079	0.494	0.348	4.68E-07	TAM-lysosc	EIF1B
CACYBP1	2.00E-11	0.321832	0.346	0.223	5.64E-07	TAM-lysosc	CACYBP
DAB21	2.04E-11	0.26876	0.381	0.252	5.74E-07	TAM-lysosc	DAB2
SAP303	2.75E-11	0.290301	0.478	0.345	7.75E-07	TAM-lysosc	SAP30
PRNP	2.87E-11	0.382132	0.471	0.335	8.09E-07	TAM-lysosc	PRNP

ADIPOR11	2.88E-11	0.279475	0.4	0.271	8.10E-07	TAM-lysosc	ADIPOR1
NPM11	4.85E-11	0.279992	0.847	0.71	1.37E-06	TAM-lysosc	NPM1
ITGB11	5.34E-11	0.295746	0.497	0.357	1.50E-06	TAM-lysosc	ITGB1
MAP1LC3B	1.82E-10	0.270505	0.573	0.423	5.12E-06	TAM-lysosc	MAP1LC3B
ACTB1	2.22E-10	0.30228	0.993	0.971	6.24E-06	TAM-lysosc	ACTB
HK2	2.42E-10	0.7041	0.342	0.248	6.80E-06	TAM-lysosc	HK2
IFI64	3.95E-10	0.556325	0.395	0.282	1.11E-05	TAM-lysosc	IFI6
STAT12	5.76E-10	0.251512	0.284	0.183	1.62E-05	TAM-lysosc	STAT1
GLRX1	2.22E-09	0.315176	0.49	0.361	6.25E-05	TAM-lysosc	GLRX
CEBPA	2.25E-09	0.30051	0.474	0.356	6.33E-05	TAM-lysosc	CEBPA
SLC2A33	3.60E-09	0.472938	0.492	0.385	0.000101	TAM-lysosc	SLC2A3
ALOX5AP1	4.97E-09	0.379622	0.852	0.746	0.00014	TAM-lysosc	ALOX5AP
PTTG1IP	8.84E-09	0.27868	0.513	0.387	0.000249	TAM-lysosc	PTTG1IP
LGMN1	2.00E-08	0.423732	0.527	0.425	0.000562	TAM-lysosc	LGMN
HIF1A-AS3	4.78E-08	0.268081	0.372	0.266	0.001345	TAM-lysosc	HIF1A-AS3
ZFAND2A1	1.88E-07	0.632408	0.296	0.2	0.005281	TAM-lysosc	ZFAND2A
CPM2	4.56E-07	0.262456	0.37	0.275	0.012835	TAM-lysosc	CPM
HSPB11	4.85E-07	0.62039	0.566	0.461	0.013649	TAM-lysosc	HSPB1
GADD45G2	5.83E-07	0.260181	0.303	0.213	0.016411	TAM-lysosc	GADD45G
SERP12	1.44E-06	0.272233	0.806	0.664	0.040583	TAM-lysosc	SERP1
PTGDS	0	5.421953	0.403	0.005	0	pDC	PTGDS
GZMB	0	4.422474	0.701	0.005	0	pDC	GZMB
JCHAIN	0	3.475483	0.628	0.001	0	pDC	JCHAIN
IRF4	0	3.453368	0.705	0.015	0	pDC	IRF4
CLIC3	0	3.442581	0.682	0.007	0	pDC	CLIC3
IGKC	0	2.859325	0.529	0.01	0	pDC	IGKC
CXCR3	0	2.756509	0.622	0.006	0	pDC	CXCR3
AREG5	0	2.688956	0.8	0.152	0	pDC	AREG
LILRA4	0	2.661	0.641	0.038	0	pDC	LILRA4
RASD1	0	2.586797	0.586	0.039	0	pDC	RASD1
TCL1A	0	2.43741	0.308	0	0	pDC	TCL1A
SEL1L31	0	2.409655	0.667	0.057	0	pDC	SEL1L3
DERL3	0	2.355903	0.656	0.029	0	pDC	DERL3
FAM160A1	0	2.11518	0.558	0.006	0	pDC	FAM160A1
MZB1	0	1.948041	0.548	0.001	0	pDC	MZB1
AFF32	0	1.945325	0.648	0.059	0	pDC	AFF3
TPM2	0	1.881107	0.522	0.018	0	pDC	TPM2
RHEX	0	1.834581	0.58	0.011	0	pDC	RHEX
LRRC26	0	1.827875	0.524	0	0	pDC	LRRC26
TSPAN13	0	1.777348	0.554	0.025	0	pDC	TSPAN13
LIME1	0	1.729459	0.554	0.009	0	pDC	LIME1
SULF21	0	1.71997	0.586	0.036	0	pDC	SULF2
SPIB	0	1.71743	0.556	0.024	0	pDC	SPIB
SMPD3	0	1.69473	0.55	0.002	0	pDC	SMPD3
SCT	0	1.675536	0.495	0.001	0	pDC	SCT
EGLN3	0	1.664583	0.493	0.013	0	pDC	EGLN3
PTPRS	0	1.620036	0.52	0.007	0	pDC	PTPRS

LTB	0	1.607589	0.401	0.026	0 pDC	LTB
MYBL2	0	1.593869	0.435	0.002	0 pDC	MYBL2
PPP1R16B	0	1.589683	0.463	0.014	0 pDC	PPP1R16B
RAB11FIP1	0	1.583879	0.582	0.085	0 pDC	RAB11FIP1
CRIP12	0	1.581613	0.51	0.032	0 pDC	CRIP1
LINC01478	0	1.559385	0.391	0.002	0 pDC	LINC01478
ZFAT	0	1.503429	0.501	0.038	0 pDC	ZFAT
CLEC4C	0	1.481849	0.484	0.001	0 pDC	CLEC4C
COBLL1	0	1.464561	0.465	0.001	0 pDC	COBLL1
NIBAN3	0	1.445805	0.478	0.002	0 pDC	NIBAN3
PTCRA	0	1.432899	0.52	0.063	0 pDC	PTCRA
MAP1A	0	1.425039	0.484	0.002	0 pDC	MAP1A
SPON2	0	1.37815	0.463	0.033	0 pDC	SPON2
TRAF4	0	1.371871	0.486	0.031	0 pDC	TRAF4
BCL11A	0	1.359151	0.465	0.008	0 pDC	BCL11A
LAMP5	0	1.351763	0.446	0.003	0 pDC	LAMP5
PHEX	0	1.310769	0.369	0.005	0 pDC	PHEX
LINC00996	0	1.286519	0.427	0.032	0 pDC	LINC00996
VASH2	0	1.278613	0.363	0.001	0 pDC	VASH2
SEMA7A	0	1.27295	0.45	0.047	0 pDC	SEMA7A
P2RY14	0	1.234723	0.437	0.013	0 pDC	P2RY14
AC023590.	0	1.226448	0.348	0.007	0 pDC	AC023590.1
VIPR2	0	1.224385	0.27	0	0 pDC	VIPR2
CUX2	0	1.176629	0.355	0.004	0 pDC	CUX2
CCDC69	0	1.150236	0.486	0.063	0 pDC	CCDC69
PPP1R14A	0	1.116112	0.301	0.003	0 pDC	PPP1R14A
CYFIP2	0	1.105787	0.418	0.011	0 pDC	CYFIP2
LINC01226	0	1.088594	0.308	0.003	0 pDC	LINC01226
PACSIN1	0	1.081352	0.414	0.001	0 pDC	PACSIN1
ZBTB18	0	1.064129	0.367	0.023	0 pDC	ZBTB18
JAML2	0	1.045524	0.439	0.041	0 pDC	JAML
VAV3	0	0.999649	0.35	0.031	0 pDC	VAV3
EPHB1	0	0.984314	0.361	0.008	0 pDC	EPHB1
LY9	0	0.979939	0.316	0.003	0 pDC	LY9
PLXNA4	0	0.970554	0.282	0.002	0 pDC	PLXNA4
IL2RG1	0	0.967167	0.397	0.041	0 pDC	IL2RG
PTPRCAP	0	0.960657	0.28	0.01	0 pDC	PTPRCAP
COL24A1	0	0.954196	0.291	0.001	0 pDC	COL24A1
SLC38A1	0	0.920279	0.363	0.019	0 pDC	SLC38A1
IGHM	0	0.917599	0.297	0.001	0 pDC	IGHM
SEPTIN1	0	0.898649	0.38	0.034	0 pDC	SEPTIN1
FLT31	0	0.884742	0.352	0.029	0 pDC	FLT3
ADAM19	0	0.876905	0.308	0.012	0 pDC	ADAM19
MDFIC	0	0.872486	0.363	0.02	0 pDC	MDFIC
FLNB	0	0.867381	0.346	0.021	0 pDC	FLNB
P2RX1	0	0.853991	0.323	0.014	0 pDC	P2RX1
MCOLN2	0	0.834947	0.306	0.019	0 pDC	MCOLN2

FUT7	0	0.832887	0.285	0.002	0	pDC	FUT7
SCAMP5	0	0.814462	0.314	0.001	0	pDC	SCAMP5
AC097375.	0	0.806215	0.312	0	0	pDC	AC097375.1
LINC02812	0	0.784651	0.314	0.012	0	pDC	LINC02812
TLR9	0	0.767435	0.308	0.002	0	pDC	TLR9
CBFA2T3	0	0.737357	0.299	0.019	0	pDC	CBFA2T3
SMIM5	0	0.729014	0.278	0.002	0	pDC	SMIM5
COL26A1	0	0.723503	0.263	0.001	0	pDC	COL26A1
ST3GAL4	0	0.721537	0.308	0.008	0	pDC	ST3GAL4
DACH1	0	0.716433	0.251	0.003	0	pDC	DACH1
DNASE1L3	0	0.712024	0.289	0.001	0	pDC	DNASE1L3
SHD	0	0.687447	0.251	0.001	0	pDC	SHD
ATP2A3	0	0.674031	0.301	0.015	0	pDC	ATP2A3
SLAMF7	0	0.667863	0.257	0.011	0	pDC	SLAMF7
SCN9A	0	0.662597	0.251	0.001	0	pDC	SCN9A
TMEM8B	0	0.660953	0.282	0.012	0	pDC	TMEM8B
AC007381.	0	0.655041	0.255	0.001	0	pDC	AC007381.1
CCDC183	0	0.654305	0.257	0.006	0	pDC	CCDC183
ADA	0	0.649017	0.287	0.011	0	pDC	ADA
CIB2	0	0.632902	0.297	0.006	0	pDC	CIB2
CD36	0	0.587148	0.255	0.015	0	pDC	CD36
PLP23	4.72E-305	2.076236	0.641	0.124	1.33E-300	pDC	PLP2
ANTXR2	7.44E-293	0.741972	0.291	0.024	2.09E-288	pDC	ANTXR2
CDKN2D	9.79E-267	0.702614	0.304	0.029	2.76E-262	pDC	CDKN2D
SEPTIN92	6.18E-262	1.134395	0.527	0.086	1.74E-257	pDC	SEPTIN9
ACAP1	3.12E-259	0.688818	0.301	0.029	8.79E-255	pDC	ACAP1
TSPYL2	1.26E-256	2.142842	0.654	0.145	3.55E-252	pDC	TSPYL2
IL3RA	6.68E-255	2.175298	0.701	0.178	1.88E-250	pDC	IL3RA
CXXC5	3.95E-248	0.979457	0.414	0.056	1.11E-243	pDC	CXXC5
NUCB2	1.60E-247	1.053168	0.459	0.069	4.51E-243	pDC	NUCB2
P2RY6	2.11E-246	1.218381	0.41	0.056	5.94E-242	pDC	P2RY6
RFTN12	2.14E-246	1.527785	0.611	0.123	6.01E-242	pDC	RFTN1
SOX4	4.73E-241	2.278935	0.622	0.136	1.33E-236	pDC	SOX4
IRF71	4.17E-240	2.991656	0.722	0.217	1.17E-235	pDC	IRF7
APP	1.09E-237	1.931644	0.648	0.155	3.05E-233	pDC	APP
DSTN1	2.17E-236	1.93803	0.656	0.165	6.11E-232	pDC	DSTN
PIM2	3.59E-233	0.905803	0.369	0.048	1.01E-228	pDC	PIM2
LPIN1	3.67E-225	1.109719	0.427	0.064	1.03E-220	pDC	LPIN1
NOTCH4	3.81E-224	0.818446	0.318	0.037	1.07E-219	pDC	NOTCH4
SIDT1	9.06E-223	0.992927	0.446	0.071	2.55E-218	pDC	SIDT1
RUBCN	5.21E-222	1.804411	0.599	0.137	1.46E-217	pDC	RUBCN
DUSP51	2.13E-221	1.980333	0.618	0.144	5.99E-217	pDC	DUSP5
CD522	9.42E-216	0.821819	0.282	0.03	2.65E-211	pDC	CD52
RBM38	1.36E-213	1.525812	0.537	0.111	3.84E-209	pDC	RBM38
CYB561A3	2.15E-211	1.303153	0.539	0.112	6.05E-207	pDC	CYB561A3
STAT4	1.05E-208	0.853842	0.299	0.034	2.96E-204	pDC	STAT4
CERS62	1.21E-208	1.66925	0.637	0.155	3.42E-204	pDC	CERS6

MPEG11	1.16E-199	1.067215	0.469	0.086	3.27E-195	pDC	MPEG1
IGF2R	2.86E-199	1.33476	0.544	0.114	8.05E-195	pDC	IGF2R
DAPK12	2.92E-197	0.923675	0.348	0.048	8.21E-193	pDC	DAPK1
S100A64	1.48E-195	1.705783	0.675	0.183	4.17E-191	pDC	S100A6
PPP1R14B1	5.57E-193	2.572114	0.665	0.217	1.57E-188	pDC	PPP1R14B
CHAF1A	8.96E-193	0.750723	0.323	0.043	2.52E-188	pDC	CHAF1A
POLB	4.26E-192	1.459155	0.537	0.12	1.20E-187	pDC	POLB
CSF2RB	5.36E-191	0.766423	0.321	0.043	1.51E-186	pDC	CSF2RB
ISG203	1.21E-187	1.459438	0.478	0.095	3.40E-183	pDC	ISG20
MED26	7.10E-180	1.233073	0.554	0.129	2.00E-175	pDC	MED26
PFKFB2	8.59E-170	0.878567	0.408	0.074	2.42E-165	pDC	PFKFB2
TXNDC5	1.02E-169	0.876634	0.399	0.072	2.88E-165	pDC	TXNDC5
CD2AP	1.41E-169	1.582811	0.656	0.195	3.96E-165	pDC	CD2AP
BCL2L11	8.72E-167	1.074513	0.478	0.101	2.45E-162	pDC	BCL2L11
ADD3	9.45E-165	0.585704	0.312	0.045	2.66E-160	pDC	ADD3
ITM2C	1.36E-164	2.228159	0.675	0.258	3.83E-160	pDC	ITM2C
MIR4435-2	4.46E-162	0.905604	0.437	0.086	1.25E-157	pDC	MIR4435-2HG
ARL4C3	1.94E-161	1.418241	0.546	0.135	5.45E-157	pDC	ARL4C
RAC24	2.03E-158	1.237575	0.546	0.143	5.72E-154	pDC	RAC2
TXN3	2.15E-158	1.657922	0.611	0.184	6.04E-154	pDC	TXN
IQGAP25	1.39E-157	1.064152	0.537	0.129	3.90E-153	pDC	IQGAP2
TGFBI3	5.97E-157	1.105988	0.594	0.156	1.68E-152	pDC	TGFBI
OPN3	9.55E-157	0.844415	0.352	0.059	2.69E-152	pDC	OPN3
ZNF10	1.69E-155	1.148441	0.42	0.085	4.74E-151	pDC	ZNF10
IDH3A	1.75E-155	0.801618	0.395	0.074	4.94E-151	pDC	IDH3A
PLAC82	8.26E-149	1.641884	0.669	0.24	2.32E-144	pDC	PLAC8
CORO71	9.38E-147	1.895666	0.713	0.286	2.64E-142	pDC	CORO7
GLT1D1	4.73E-145	0.707034	0.301	0.047	1.33E-140	pDC	GLT1D1
TNFRSF21	2.05E-141	0.901533	0.473	0.109	5.78E-137	pDC	TNFRSF21
PDE7A1	2.54E-141	1.093681	0.49	0.119	7.15E-137	pDC	PDE7A
ATP13A2	4.86E-141	0.653136	0.282	0.043	1.37E-136	pDC	ATP13A2
CNN2	2.25E-140	0.487611	0.282	0.042	6.34E-136	pDC	CNN2
C12orf75	3.34E-140	1.727295	0.65	0.247	9.40E-136	pDC	C12orf75
HYOU1	4.60E-140	0.837991	0.401	0.082	1.29E-135	pDC	HYOU1
UGCG2	3.79E-139	1.533178	0.658	0.247	1.07E-134	pDC	UGCG
SELL2	8.86E-138	1.331707	0.569	0.175	2.49E-133	pDC	SELL
SMIM31	1.88E-137	1.46721	0.584	0.184	5.30E-133	pDC	SMIM3
SERPINF11	2.04E-136	1.609857	0.741	0.341	5.73E-132	pDC	SERPINF1
N4BP2L1	2.25E-136	1.064535	0.476	0.12	6.34E-132	pDC	N4BP2L1
EZR2	1.48E-133	1.770877	0.781	0.391	4.16E-129	pDC	EZR
C12orf45	1.20E-129	0.713431	0.342	0.065	3.39E-125	pDC	C12orf45
SNHG7	1.25E-129	1.322089	0.614	0.213	3.53E-125	pDC	SNHG7
PRMT92	1.03E-127	1.142144	0.554	0.16	2.91E-123	pDC	PRMT9
GNA15	9.51E-127	1.410433	0.58	0.193	2.67E-122	pDC	GNA15
TLE53	8.29E-126	1.197895	0.594	0.202	2.33E-121	pDC	TLE5
TAGLN24	3.72E-125	1.676206	0.703	0.314	1.05E-120	pDC	TAGLN2
SLC15A4	3.40E-124	1.367567	0.652	0.241	9.56E-120	pDC	SLC15A4

CDYL	8.50E-123	1.11673	0.586	0.182	2.39E-118	pDC	CDYL
TCF4	6.04E-122	1.700775	0.741	0.368	1.70E-117	pDC	TCF4
CBX4	1.27E-121	1.111983	0.512	0.151	3.59E-117	pDC	CBX4
GAPT2	2.18E-121	0.779783	0.406	0.093	6.15E-117	pDC	GAPT
SERPINF2	4.87E-120	0.601898	0.299	0.054	1.37E-115	pDC	SERPINF2
SEC61B2	1.77E-119	2.066614	0.741	0.47	4.97E-115	pDC	SEC61B
INPP4A	7.13E-117	1.248656	0.569	0.183	2.01E-112	pDC	INPP4A
CCDC186	2.55E-116	0.736103	0.344	0.072	7.16E-112	pDC	CCDC186
SEPHS1	3.28E-116	0.70419	0.306	0.058	9.24E-112	pDC	SEPHS1
CCDC50	3.57E-116	1.448523	0.645	0.268	1.00E-111	pDC	CCDC50
HIVEP1	1.88E-115	1.035448	0.512	0.148	5.30E-111	pDC	HIVEP1
KCNAB21	3.76E-115	0.717566	0.304	0.057	1.06E-110	pDC	KCNAB2
ST6GALNA4	1.61E-114	0.557666	0.306	0.058	4.52E-110	pDC	ST6GALNAC4
IRF81	1.03E-113	1.739958	0.747	0.432	2.90E-109	pDC	IRF8
FCHSD23	2.55E-112	1.8332	0.815	0.472	7.18E-108	pDC	FCHSD2
GAB1	1.92E-111	0.978675	0.452	0.119	5.41E-107	pDC	GAB1
AGPAT5	2.01E-111	0.89246	0.42	0.106	5.65E-107	pDC	AGPAT5
SMC6	3.40E-110	0.655	0.325	0.067	9.58E-106	pDC	SMC6
FYTTD1	6.63E-108	1.046156	0.539	0.178	1.86E-103	pDC	FYTTD1
MAP4K1	1.87E-106	0.583154	0.329	0.069	5.25E-102	pDC	MAP4K1
LSP14	6.05E-106	1.145221	0.703	0.297	1.70E-101	pDC	LSP1
CXCR44	2.96E-105	1.549107	0.794	0.459	8.34E-101	pDC	CXCR4
KMO	3.56E-104	0.502981	0.293	0.056	1.00E-99	pDC	KMO
TSEN54	3.71E-103	0.585831	0.278	0.053	1.04E-98	pDC	TSEN54
NSMCE3	2.45E-102	0.986069	0.45	0.13	6.89E-98	pDC	NSMCE3
DCPS	5.00E-101	0.575465	0.316	0.068	1.41E-96	pDC	DCPS
BANP	9.49E-101	0.985877	0.51	0.162	2.67E-96	pDC	BANP
PBX3	5.95E-100	0.872155	0.446	0.127	1.67E-95	pDC	PBX3
NUP210	2.57E-99	0.528438	0.304	0.063	7.23E-95	pDC	NUP210
RPS125	5.21E-99	1.160671	0.964	0.915	1.47E-94	pDC	RPS12
ZC3HAV11	9.57E-99	1.432612	0.643	0.273	2.69E-94	pDC	ZC3HAV1
ERN12	3.36E-98	1.202008	0.531	0.177	9.46E-94	pDC	ERN1
PPM1K	9.18E-98	0.901164	0.507	0.164	2.58E-93	pDC	PPM1K
SETBP1	1.44E-97	0.707697	0.316	0.069	4.06E-93	pDC	SETBP1
MSL2	1.75E-97	0.804894	0.389	0.099	4.94E-93	pDC	MSL2
VEGFB1	4.65E-96	1.256805	0.607	0.268	1.31E-91	pDC	VEGFB
A1BG	1.33E-95	0.570781	0.348	0.083	3.74E-91	pDC	A1BG
RPS3A3	3.53E-95	1.181581	0.932	0.876	9.93E-91	pDC	RPS3A
PHB	2.16E-94	1.171266	0.522	0.191	6.08E-90	pDC	PHB
NR3C11	3.55E-94	1.701834	0.673	0.341	9.99E-90	pDC	NR3C1
RABGAP1L	2.82E-93	1.596158	0.73	0.388	7.94E-89	pDC	RABGAP1L
RPS83	7.02E-93	0.96828	0.964	0.915	1.97E-88	pDC	RPS8
RPS285	3.60E-92	1.097295	0.921	0.878	1.01E-87	pDC	RPS28
JMY	1.10E-90	0.841697	0.31	0.072	3.09E-86	pDC	JMY
RPS15A5	9.27E-90	0.992753	0.945	0.888	2.61E-85	pDC	RPS15A
RPS234	6.47E-89	0.909708	0.938	0.909	1.82E-84	pDC	RPS23
PAXX	1.96E-88	1.32011	0.626	0.302	5.52E-84	pDC	PAXX

AHI1	4.82E-88	0.754571	0.469	0.146	1.36E-83	pDC	AHI1
YPEL51	1.24E-87	1.283553	0.692	0.366	3.48E-83	pDC	YPEL5
RRBP12	1.70E-87	1.323971	0.626	0.277	4.79E-83	pDC	RRBP1
VIM6	4.95E-87	0.897469	0.82	0.411	1.39E-82	pDC	VIM
IGFLR1	5.26E-87	1.002662	0.512	0.192	1.48E-82	pDC	IGFLR1
CORO1C1	1.15E-84	1.00697	0.584	0.232	3.24E-80	pDC	CORO1C
PRKCB2	4.23E-83	0.995965	0.59	0.241	1.19E-78	pDC	PRKCB
AP3S11	2.41E-82	0.673078	0.397	0.117	6.78E-78	pDC	AP3S1
HINT13	1.08E-81	1.271048	0.709	0.449	3.04E-77	pDC	HINT1
SNRNP25	1.92E-81	0.428475	0.299	0.071	5.40E-77	pDC	SNRNP25
IFNAR21	2.20E-81	0.694912	0.45	0.143	6.18E-77	pDC	IFNAR2
SEPTIN11	1.26E-80	0.444971	0.274	0.061	3.55E-76	pDC	SEPTIN11
RPLP04	3.16E-80	1.00421	0.921	0.869	8.90E-76	pDC	RPLP0
ATG101	4.48E-80	0.81536	0.439	0.146	1.26E-75	pDC	ATG101
NUTM2B-A	9.00E-80	0.8601	0.503	0.181	2.53E-75	pDC	NUTM2B-AS1
RPL373	1.38E-79	0.896354	0.911	0.87	3.89E-75	pDC	RPL37
ARID3B	1.46E-79	0.585212	0.251	0.053	4.09E-75	pDC	ARID3B
RIPOR21	1.46E-79	0.553528	0.251	0.053	4.11E-75	pDC	RIPOR2
PARK71	1.78E-79	1.189847	0.673	0.391	5.02E-75	pDC	PARK7
RPL63	1.09E-78	0.958846	0.913	0.858	3.08E-74	pDC	RPL6
ERP293	1.40E-78	1.161909	0.679	0.407	3.94E-74	pDC	ERP29
RPS55	1.47E-77	0.939473	0.89	0.769	4.14E-73	pDC	RPS5
ACTN41	2.49E-77	0.736913	0.45	0.148	7.01E-73	pDC	ACTN4
ETV31	3.82E-77	0.905255	0.473	0.166	1.07E-72	pDC	ETV3
RPS74	1.78E-76	0.90347	0.909	0.861	5.00E-72	pDC	RPS7
RPS274	4.38E-76	0.903054	0.936	0.878	1.23E-71	pDC	RPS27
MAPKAPK2	5.10E-76	0.984216	0.603	0.272	1.43E-71	pDC	MAPKAPK2
REPIN1	6.15E-76	0.501301	0.293	0.072	1.73E-71	pDC	REPIN1
SPCS11	7.89E-76	1.317806	0.69	0.449	2.22E-71	pDC	SPCS1
ARID3A	1.92E-75	0.730759	0.38	0.112	5.41E-71	pDC	ARID3A
RPLP13	2.38E-75	0.754834	0.975	0.948	6.71E-71	pDC	RPLP1
EIF2AK4	9.03E-75	0.908461	0.52	0.201	2.54E-70	pDC	EIF2AK4
CLN8	1.57E-74	1.035713	0.548	0.231	4.42E-70	pDC	CLN8
PTRHD11	4.14E-74	0.594528	0.412	0.13	1.16E-69	pDC	PTRHD1
MYL12A4	6.00E-74	1.255897	0.741	0.542	1.69E-69	pDC	MYL12A
STMN1	8.78E-74	0.748011	0.518	0.196	2.47E-69	pDC	STMN1
ZHX2	1.28E-72	0.923185	0.382	0.12	3.59E-68	pDC	ZHX2
RPL134	4.12E-72	0.691706	0.972	0.937	1.16E-67	pDC	RPL13
SAP130	5.37E-72	0.567593	0.255	0.059	1.51E-67	pDC	SAP130
PLD4	1.26E-71	1.160718	0.803	0.618	3.55E-67	pDC	PLD4
RNF126	3.31E-71	0.677706	0.369	0.112	9.31E-67	pDC	RNF126
PARP10	3.41E-71	0.727513	0.429	0.147	9.59E-67	pDC	PARP10
RPL114	1.01E-70	0.812603	0.943	0.901	2.84E-66	pDC	RPL11
ZDHHC17	1.01E-70	0.480364	0.291	0.074	2.85E-66	pDC	ZDHHC17
PI4KA	1.60E-70	0.879398	0.488	0.184	4.50E-66	pDC	PI4KA
CARD11	1.80E-70	0.86628	0.514	0.194	5.07E-66	pDC	CARD11
CYSTM1	1.84E-70	0.564877	0.348	0.099	5.19E-66	pDC	CYSTM1

TRAF3	3.84E-70	0.783805	0.41	0.135	1.08E-65	pDC	TRAF3
ABRACL1	4.57E-70	0.661355	0.42	0.142	1.29E-65	pDC	ABRACL
SOCS11	8.42E-70	0.722604	0.412	0.135	2.37E-65	pDC	SOCS1
CCDC138	1.25E-69	1.163884	0.389	0.125	3.51E-65	pDC	CCDC138
TENT4A	2.06E-69	0.707128	0.321	0.09	5.80E-65	pDC	TENT4A
MDN1	2.32E-69	0.573277	0.316	0.086	6.53E-65	pDC	MDN1
S100A43	3.41E-68	1.006148	0.618	0.287	9.60E-64	pDC	S100A4
RPL194	4.59E-68	0.762537	0.947	0.905	1.29E-63	pDC	RPL19
SLC7A52	7.83E-68	1.233564	0.707	0.387	2.20E-63	pDC	SLC7A5
RPL344	8.49E-68	0.805981	0.926	0.88	2.39E-63	pDC	RPL34
OGT	1.52E-67	0.811797	0.563	0.236	4.27E-63	pDC	OGT
RPS4X4	1.22E-66	0.973501	0.892	0.855	3.42E-62	pDC	RPS4X
UTRN6	2.72E-66	1.072664	0.635	0.302	7.65E-62	pDC	UTRN
SEC61G2	2.77E-66	0.864714	0.573	0.274	7.80E-62	pDC	SEC61G
RPL285	3.77E-66	0.685163	0.966	0.919	1.06E-61	pDC	RPL28
TMIGD2	7.14E-66	0.450545	0.285	0.074	2.01E-61	pDC	TMIGD2
RELL1	7.66E-66	0.794244	0.397	0.133	2.16E-61	pDC	RELL1
NCF11	2.23E-65	0.88332	0.667	0.346	6.28E-61	pDC	NCF1
RPS144	3.34E-65	0.782639	0.928	0.885	9.39E-61	pDC	RPS14
RPS27A3	7.45E-65	0.77458	0.924	0.883	2.10E-60	pDC	RPS27A
HSP90B11	9.85E-65	1.042469	0.807	0.585	2.77E-60	pDC	HSP90B1
ZNF3313	5.51E-64	0.987232	0.883	0.622	1.55E-59	pDC	ZNF331
RNF11	5.93E-64	0.661104	0.408	0.141	1.67E-59	pDC	RNF11
RASGRP2	6.05E-64	0.420336	0.278	0.073	1.70E-59	pDC	RASGRP2
RPS185	7.26E-64	0.693336	0.949	0.905	2.04E-59	pDC	RPS18
SUB12	1.03E-63	1.009847	0.692	0.449	2.89E-59	pDC	SUB1
RPLP23	2.55E-63	0.766317	0.904	0.843	7.18E-59	pDC	RPLP2
DDX241	3.12E-63	1.008031	0.752	0.49	8.77E-59	pDC	DDX24
GPR65	1.01E-62	1.124482	0.52	0.24	2.83E-58	pDC	GPR65
SLC35E1	1.93E-62	0.537827	0.34	0.103	5.42E-58	pDC	SLC35E1
CD482	2.00E-62	0.439231	0.255	0.063	5.63E-58	pDC	CD48
SRP142	3.45E-62	1.074266	0.764	0.612	9.70E-58	pDC	SRP14
RPSA4	4.29E-62	0.899746	0.862	0.718	1.21E-57	pDC	RPSA
ALG2	4.46E-62	0.566111	0.352	0.112	1.25E-57	pDC	ALG2
NOP58	5.78E-62	0.819092	0.527	0.23	1.63E-57	pDC	NOP58
RPL305	6.21E-62	0.753641	0.943	0.894	1.75E-57	pDC	RPL30
CLINT1	9.13E-62	0.753705	0.514	0.22	2.57E-57	pDC	CLINT1
RPL324	1.09E-61	0.714076	0.934	0.909	3.06E-57	pDC	RPL32
PIM32	2.19E-61	0.650321	0.406	0.142	6.16E-57	pDC	PIM3
RPS214	4.18E-61	0.79833	0.881	0.804	1.18E-56	pDC	RPS21
RPL105	5.30E-61	0.680292	0.979	0.946	1.49E-56	pDC	RPL10
KLF13	1.06E-60	0.742288	0.478	0.193	2.98E-56	pDC	KLF13
RPL7A3	1.30E-60	0.777108	0.924	0.87	3.67E-56	pDC	RPL7A
RPS34	1.84E-60	0.725085	0.938	0.877	5.19E-56	pDC	RPS3
RPS94	2.50E-60	0.746654	0.932	0.86	7.05E-56	pDC	RPS9
SSR43	2.72E-60	0.989138	0.715	0.495	7.67E-56	pDC	SSR4
CAT1	3.70E-60	0.717315	0.49	0.204	1.04E-55	pDC	CAT

MARCKSL1	7.61E-60	0.565108	0.272	0.074	2.14E-55	pDC	MARCKSL1
PPDPF4	1.12E-59	0.786471	0.554	0.254	3.16E-55	pDC	PPDPF
RPS134	1.34E-59	0.788895	0.917	0.886	3.78E-55	pDC	RPS13
BCL31	1.92E-59	0.541255	0.31	0.092	5.41E-55	pDC	BCL3
NAPSA	3.16E-59	0.692601	0.399	0.143	8.88E-55	pDC	NAPSA
EEF1A14	6.25E-59	0.791677	0.972	0.964	1.76E-54	pDC	EEF1A1
RPL223	1.34E-58	0.808674	0.849	0.754	3.78E-54	pDC	RPL22
UCP22	1.68E-58	0.94409	0.631	0.354	4.73E-54	pDC	UCP2
RNF138	2.26E-58	0.594374	0.418	0.153	6.37E-54	pDC	RNF138
CNOT6L	6.83E-58	0.588034	0.359	0.119	1.92E-53	pDC	CNOT6L
RALA3	8.43E-58	0.565801	0.359	0.118	2.37E-53	pDC	RALA
RPL10A4	9.78E-58	0.802991	0.879	0.765	2.75E-53	pDC	RPL10A
RPS215	4.85E-57	0.818972	0.911	0.852	1.37E-52	pDC	RPS2
SLC44A2	5.68E-57	0.577752	0.476	0.19	1.60E-52	pDC	SLC44A2
FBXW5	7.40E-57	0.671903	0.414	0.158	2.08E-52	pDC	FBXW5
CEP128	8.10E-57	0.518877	0.265	0.073	2.28E-52	pDC	CEP128
CDK2AP21	1.40E-56	0.635881	0.442	0.171	3.94E-52	pDC	CDK2AP2
DDIT43	1.51E-56	0.980493	0.764	0.532	4.26E-52	pDC	DDIT4
RPL394	1.75E-56	0.751326	0.924	0.883	4.93E-52	pDC	RPL39
IRF2BP21	4.15E-56	0.789889	0.573	0.274	1.17E-51	pDC	IRF2BP2
RPL310	4.74E-56	0.666046	0.93	0.868	1.33E-51	pDC	RPL3
RPS63	3.89E-55	0.638269	0.945	0.883	1.09E-50	pDC	RPS6
SLC20A1	4.39E-55	0.895579	0.471	0.198	1.24E-50	pDC	SLC20A1
SMIM14	4.48E-55	0.549335	0.408	0.15	1.26E-50	pDC	SMIM14
RPL183	9.06E-55	0.644244	0.909	0.874	2.55E-50	pDC	RPL18
RPL35A4	1.43E-54	0.772944	0.883	0.822	4.02E-50	pDC	RPL35A
MED30	2.33E-54	0.494679	0.335	0.111	6.55E-50	pDC	MED30
RAP1GAP2	7.62E-54	0.710895	0.329	0.109	2.14E-49	pDC	RAP1GAP2
IQSEC11	1.14E-53	0.490957	0.257	0.071	3.20E-49	pDC	IQSEC1
RPS6KA4	2.18E-53	0.612435	0.469	0.197	6.13E-49	pDC	RPS6KA4
TMEM141	2.36E-53	0.41989	0.314	0.1	6.63E-49	pDC	TMEM141
NADK	4.73E-53	0.409175	0.31	0.098	1.33E-48	pDC	NADK
NACA3	7.02E-53	0.791967	0.885	0.835	1.97E-48	pDC	NACA
RPL18A5	1.04E-52	0.69374	0.928	0.882	2.92E-48	pDC	RPL18A
GNA121	1.05E-52	0.798744	0.537	0.244	2.96E-48	pDC	GNA12
SPN	1.92E-52	0.558763	0.323	0.108	5.39E-48	pDC	SPN
BAG11	2.23E-52	0.603176	0.446	0.186	6.28E-48	pDC	BAG1
RNF5	7.63E-52	0.487408	0.363	0.13	2.15E-47	pDC	RNF5
PTMA6	8.01E-52	0.57968	0.947	0.906	2.25E-47	pDC	PTMA
P4HB2	1.10E-51	0.816709	0.603	0.338	3.10E-47	pDC	P4HB
CTDP1	1.14E-51	0.632908	0.263	0.078	3.21E-47	pDC	CTDP1
GRASP3	1.59E-51	0.901604	0.803	0.548	4.46E-47	pDC	GRASP
PPIB1	1.95E-51	0.788133	0.8	0.631	5.48E-47	pDC	PPIB
LDHB3	3.23E-51	0.743604	0.607	0.336	9.09E-47	pDC	LDHB
STIM1	4.57E-51	0.57857	0.306	0.098	1.29E-46	pDC	STIM1
MX12	4.76E-51	0.988331	0.501	0.229	1.34E-46	pDC	MX1
SINHCAF	9.13E-51	0.433279	0.31	0.1	2.57E-46	pDC	SINHCAF

RPL294	9.54E-51	0.620068	0.934	0.88	2.68E-46	pDC	RPL29
SLC1A4	1.87E-50	0.754079	0.357	0.128	5.25E-46	pDC	SLC1A4
TSTD1	2.07E-50	0.44794	0.301	0.096	5.82E-46	pDC	TSTD1
EEF1B22	2.22E-50	0.712615	0.879	0.761	6.26E-46	pDC	EEF1B2
PAFAH1B2	3.90E-50	0.531299	0.268	0.08	1.10E-45	pDC	PAFAH1B2
FADS1	4.52E-50	0.689337	0.31	0.103	1.27E-45	pDC	FADS1
OSTC2	1.17E-49	0.620809	0.514	0.239	3.29E-45	pDC	OSTC
GNL3	1.28E-49	0.667455	0.323	0.111	3.59E-45	pDC	GNL3
RPL23A4	1.67E-49	0.69931	0.864	0.78	4.69E-45	pDC	RPL23A
SMARCB1	2.88E-49	0.56707	0.414	0.166	8.11E-45	pDC	SMARCB1
SIVA12	5.48E-49	0.74558	0.516	0.251	1.54E-44	pDC	SIVA1
AKNA1	5.87E-49	0.614694	0.473	0.204	1.65E-44	pDC	AKNA
RPL52	7.33E-49	0.621981	0.909	0.838	2.06E-44	pDC	RPL5
ISCA1	8.58E-49	0.459975	0.268	0.082	2.41E-44	pDC	ISCA1
QDPR	1.16E-48	0.454958	0.263	0.08	3.27E-44	pDC	QDPR
RGS23	1.51E-48	1.006762	0.758	0.563	4.25E-44	pDC	RGS2
DUSP221	2.96E-48	0.625992	0.403	0.161	8.32E-44	pDC	DUSP22
RALGAPA1	3.32E-48	0.726193	0.423	0.17	9.36E-44	pDC	RALGAPA1
GPR1833	3.46E-48	0.895383	0.839	0.644	9.72E-44	pDC	GPR183
COMMD62	3.63E-48	0.862559	0.743	0.554	1.02E-43	pDC	COMMD6
OGDH2	4.56E-48	0.668797	0.369	0.139	1.28E-43	pDC	OGDH
UBE2J1	5.27E-48	0.714757	0.537	0.272	1.48E-43	pDC	UBE2J1
TIMM13	1.03E-47	0.466621	0.374	0.139	2.89E-43	pDC	TIMM13
RUNX22	2.48E-47	0.722365	0.584	0.29	6.98E-43	pDC	RUNX2
NGLY1	3.54E-47	0.61132	0.408	0.165	9.96E-43	pDC	NGLY1
KPNA2	4.23E-47	0.521739	0.386	0.152	1.19E-42	pDC	KPNA2
YWHAZ1	6.66E-47	0.754449	0.783	0.595	1.87E-42	pDC	YWHAZ
NDRG11	6.72E-47	0.505889	0.253	0.076	1.89E-42	pDC	NDRG1
UBE2S2	7.62E-47	0.661504	0.554	0.271	2.14E-42	pDC	UBE2S
KAT2B	2.87E-46	0.54771	0.297	0.101	8.08E-42	pDC	KAT2B
ATP1B35	5.47E-46	1.20847	0.728	0.498	1.54E-41	pDC	ATP1B3
ABHD15	6.04E-46	0.407349	0.265	0.083	1.70E-41	pDC	ABHD15
FAU5	1.37E-45	0.585117	0.911	0.881	3.87E-41	pDC	FAU
DCK	1.40E-45	0.628685	0.459	0.205	3.95E-41	pDC	DCK
RPL274	1.51E-45	0.677679	0.832	0.71	4.24E-41	pDC	RPL27
RACK14	1.96E-45	0.615996	0.883	0.823	5.50E-41	pDC	RACK1
PABPC12	2.31E-45	0.626141	0.904	0.844	6.49E-41	pDC	PABPC1
MAD1L1	2.39E-45	0.715777	0.403	0.165	6.73E-41	pDC	MAD1L1
TMEM268	2.65E-45	0.363656	0.285	0.093	7.46E-41	pDC	TMEM268
AHCY	3.45E-45	0.427273	0.342	0.126	9.70E-41	pDC	AHCY
SNRPN	3.61E-45	0.366866	0.295	0.097	1.02E-40	pDC	SNRPN
RPL144	7.16E-45	0.586449	0.9	0.855	2.02E-40	pDC	RPL14
RPS112	7.63E-45	0.657682	0.826	0.693	2.15E-40	pDC	RPS11
MALT13	9.90E-45	0.873589	0.533	0.263	2.79E-40	pDC	MALT1
PMEPA12	4.36E-44	0.868651	0.601	0.355	1.23E-39	pDC	PMEPA1
OFD1	5.69E-44	0.715995	0.49	0.233	1.60E-39	pDC	OFD1
SND13	6.35E-44	0.616198	0.524	0.257	1.79E-39	pDC	SND1

ANKRD112	7.66E-44	0.884084	0.773	0.537	2.16E-39	pDC	ANKRD11
PRXL2A	8.46E-44	0.433006	0.276	0.091	2.38E-39	pDC	PRXL2A
EEF22	1.11E-43	0.650495	0.864	0.764	3.14E-39	pDC	EEF2
GORASP2	1.54E-43	0.435715	0.342	0.127	4.35E-39	pDC	GORASP2
DNAJB9	1.85E-43	0.454625	0.321	0.116	5.21E-39	pDC	DNAJB9
RPL37A3	2.21E-43	0.631335	0.879	0.78	6.21E-39	pDC	RPL37A
RPL93	2.47E-43	0.702043	0.866	0.797	6.94E-39	pDC	RPL9
CHCHD23	5.66E-43	0.801571	0.732	0.574	1.59E-38	pDC	CHCHD2
GLCCI1	5.88E-43	0.546774	0.391	0.159	1.66E-38	pDC	GLCCI1
PARVB1	1.65E-42	0.649505	0.567	0.293	4.64E-38	pDC	PARVB
GRSF1	2.78E-42	0.573238	0.423	0.189	7.83E-38	pDC	GRSF1
RPL45	6.06E-42	0.600214	0.887	0.738	1.71E-37	pDC	RPL4
THEMIS21	7.12E-42	0.715598	0.641	0.398	2.00E-37	pDC	THEMIS2
SPINT21	7.89E-42	0.580522	0.552	0.291	2.22E-37	pDC	SPINT2
EEF1G4	1.16E-41	0.628788	0.832	0.694	3.25E-37	pDC	EEF1G
STRBP	1.44E-41	0.590777	0.327	0.121	4.05E-37	pDC	STRBP
NIN	1.90E-41	0.528952	0.391	0.162	5.33E-37	pDC	NIN
ZNF791	1.95E-41	0.542304	0.327	0.121	5.48E-37	pDC	ZNF791
RPL153	2.02E-41	0.536893	0.919	0.857	5.68E-37	pDC	RPL15
STK17B4	2.41E-41	0.604498	0.699	0.4	6.78E-37	pDC	STK17B
RPL414	2.64E-41	1.142303	0.894	0.819	7.43E-37	pDC	RPL41
MRPS6	4.09E-41	0.340347	0.293	0.101	1.15E-36	pDC	MRPS6
TAP1	4.12E-41	0.484114	0.295	0.106	1.16E-36	pDC	TAP1
NIPIB5	8.89E-41	0.579874	0.253	0.082	2.50E-36	pDC	NIPIB5
RPL354	9.98E-41	0.581748	0.881	0.798	2.81E-36	pDC	RPL35
RPL72	1.04E-40	0.682175	0.758	0.616	2.92E-36	pDC	RPL7
RPS254	1.27E-40	0.555962	0.898	0.849	3.56E-36	pDC	RPS25
HNRNPA11	1.81E-40	0.685436	0.788	0.671	5.08E-36	pDC	HNRNPA1
DANCR	1.86E-40	0.388629	0.31	0.111	5.22E-36	pDC	DANCR
RPS193	2.64E-40	0.480863	0.949	0.922	7.44E-36	pDC	RPS19
NR4A33	5.79E-40	0.762293	0.851	0.632	1.63E-35	pDC	NR4A3
GUK12	8.02E-40	0.728294	0.637	0.404	2.26E-35	pDC	GUK1
DAAM1	1.03E-39	0.474779	0.318	0.119	2.89E-35	pDC	DAAM1
RUBCNL	1.15E-39	0.455985	0.346	0.133	3.23E-35	pDC	RUBCNL
SUSD1	1.28E-39	0.417528	0.31	0.113	3.61E-35	pDC	SUSD1
PPIA2	1.36E-39	0.568609	0.892	0.813	3.82E-35	pDC	PPIA
FOSL23	1.63E-39	0.691906	0.454	0.212	4.57E-35	pDC	FOSL2
UBL7	1.78E-39	0.493792	0.365	0.151	5.01E-35	pDC	UBL7
EIF4A31	2.68E-39	0.76925	0.633	0.391	7.53E-35	pDC	EIF4A3
SEPTIN62	4.95E-39	0.606371	0.556	0.3	1.39E-34	pDC	SEPTIN6
VDAC3	5.46E-39	0.417359	0.365	0.148	1.54E-34	pDC	VDAC3
CD554	6.16E-39	0.592289	0.624	0.353	1.73E-34	pDC	CD55
RPL124	6.82E-39	0.519661	0.936	0.892	1.92E-34	pDC	RPL12
RPL13A3	6.82E-39	0.634394	0.845	0.745	1.92E-34	pDC	RPL13A
S100A104	1.47E-38	0.304011	0.306	0.109	4.13E-34	pDC	S100A10
EEF1D4	1.55E-38	0.655379	0.805	0.694	4.37E-34	pDC	EEF1D
CSNK1E	1.81E-38	0.465874	0.323	0.125	5.10E-34	pDC	CSNK1E

USP363	2.52E-38	0.789098	0.529	0.28	7.08E-34	pDC	USP36
CD47	2.52E-38	0.552012	0.401	0.182	7.09E-34	pDC	CD47
RPS154	2.64E-38	0.458999	0.934	0.894	7.42E-34	pDC	RPS15
ZFP36L22	2.72E-38	0.714906	0.932	0.843	7.65E-34	pDC	ZFP36L2
ESYT22	4.20E-38	0.557272	0.425	0.192	1.18E-33	pDC	ESYT2
SLC9A7	5.07E-38	0.467626	0.261	0.09	1.43E-33	pDC	SLC9A7
CREB3L2	5.36E-38	0.621959	0.429	0.199	1.51E-33	pDC	CREB3L2
HVCN1	1.18E-37	0.46311	0.346	0.14	3.31E-33	pDC	HVCN1
SELENOS2	2.23E-37	0.629153	0.503	0.26	6.26E-33	pDC	SELENOS
CBLB1	2.47E-37	0.404129	0.27	0.094	6.95E-33	pDC	CBLB
TXNL4A1	2.68E-37	0.580142	0.522	0.278	7.55E-33	pDC	TXNL4A
ATP5F1E3	2.83E-37	0.59365	0.845	0.752	7.98E-33	pDC	ATP5F1E
RPL36A3	5.01E-37	0.578423	0.858	0.763	1.41E-32	pDC	RPL36A
DNAJC1	5.88E-37	0.523662	0.391	0.166	1.65E-32	pDC	DNAJC1
ARPC5L	7.11E-37	0.468811	0.331	0.132	2.00E-32	pDC	ARPC5L
ITGAE	7.32E-37	0.415624	0.299	0.112	2.06E-32	pDC	ITGAE
RPL243	7.80E-37	0.550363	0.873	0.816	2.20E-32	pDC	RPL24
ODC11	1.02E-36	0.568439	0.537	0.286	2.86E-32	pDC	ODC1
RNF1493	1.51E-36	0.682382	0.769	0.563	4.24E-32	pDC	RNF149
IL16	1.69E-36	0.630879	0.429	0.209	4.74E-32	pDC	IL16
MAN2B1	3.94E-36	0.665432	0.667	0.432	1.11E-31	pDC	MAN2B1
FBXO34	5.64E-36	0.629931	0.361	0.154	1.59E-31	pDC	FBXO34
RPL264	1.25E-35	0.485112	0.913	0.887	3.53E-31	pDC	RPL26
HERPUD13	1.44E-35	0.709585	0.86	0.704	4.04E-31	pDC	HERPUD1
ZMYM21	1.74E-35	0.647814	0.512	0.267	4.90E-31	pDC	ZMYM2
AHNAK5	1.77E-35	0.458362	0.427	0.188	4.97E-31	pDC	AHNAK
NRP1	1.83E-35	0.488692	0.299	0.115	5.16E-31	pDC	NRP1
SFT2D2	2.43E-35	0.432694	0.416	0.19	6.83E-31	pDC	SFT2D2
PDIA41	2.64E-35	0.422162	0.35	0.145	7.44E-31	pDC	PDIA4
PPP6R1	3.42E-35	0.41631	0.338	0.139	9.63E-31	pDC	PPP6R1
SRPRA	4.51E-35	0.523333	0.497	0.255	1.27E-30	pDC	SRPRA
HIST1H1C	4.57E-35	0.653938	0.357	0.151	1.28E-30	pDC	HIST1H1C
RPL313	5.64E-35	0.666743	0.762	0.67	1.59E-30	pDC	RPL31
MAP3K23	6.11E-35	0.672246	0.635	0.397	1.72E-30	pDC	MAP3K2
EIF4EBP3	8.56E-35	0.315284	0.261	0.093	2.41E-30	pDC	EIF4EBP3
RBIS1	9.50E-35	0.5008	0.516	0.279	2.67E-30	pDC	RBIS
PAIP1	1.16E-34	0.351289	0.335	0.136	3.26E-30	pDC	PAIP1
FAM177A1	1.18E-34	0.748911	0.374	0.175	3.32E-30	pDC	FAM177A1
ZDHHC4	1.28E-34	0.309265	0.268	0.097	3.61E-30	pDC	ZDHHC4
LINC-PINT	2.31E-34	0.452675	0.265	0.098	6.51E-30	pDC	LINC-PINT
ASPH	2.44E-34	0.464515	0.312	0.125	6.86E-30	pDC	ASPH
AKAP133	2.67E-34	0.717002	0.879	0.78	7.52E-30	pDC	AKAP13
MNAT1	3.96E-34	0.403022	0.263	0.095	1.12E-29	pDC	MNAT1
CCDC57	4.69E-34	0.367763	0.293	0.114	1.32E-29	pDC	CCDC57
BID1	5.33E-34	0.485808	0.488	0.243	1.50E-29	pDC	BID
PPM1G	5.70E-34	0.454919	0.435	0.212	1.61E-29	pDC	PPM1G
LSM5	6.60E-34	0.358487	0.359	0.153	1.86E-29	pDC	LSM5

PPP1R2	2.38E-33	0.627627	0.514	0.276	6.70E-29	pDC	PPP1R2
ANXA112	3.70E-33	0.622231	0.537	0.318	1.04E-28	pDC	ANXA11
SRSF6	4.25E-33	0.446134	0.397	0.183	1.19E-28	pDC	SRSF6
CDK17	6.43E-33	0.629842	0.325	0.138	1.81E-28	pDC	CDK17
GRAMD4	6.43E-33	0.566574	0.35	0.153	1.81E-28	pDC	GRAMD4
MYD881	7.38E-33	0.434298	0.293	0.115	2.08E-28	pDC	MYD88
TMED3	8.74E-33	0.28603	0.255	0.092	2.46E-28	pDC	TMED3
REXO2	1.02E-32	0.332245	0.253	0.093	2.88E-28	pDC	REXO2
AP1S23	1.50E-32	0.474503	0.425	0.208	4.23E-28	pDC	AP1S2
CD164	1.83E-32	0.685432	0.62	0.423	5.15E-28	pDC	CD164
BTAF12	2.63E-32	0.577703	0.514	0.274	7.39E-28	pDC	BTAF1
DGKZ	3.25E-32	0.299382	0.301	0.121	9.15E-28	pDC	DGKZ
CREM2	3.63E-32	0.822143	0.694	0.521	1.02E-27	pDC	CREM
RAPGEF21	7.02E-32	0.876334	0.469	0.251	1.98E-27	pDC	RAPGEF2
RPS265	7.39E-32	0.730869	0.909	0.814	2.08E-27	pDC	RPS26
PMF1	7.46E-32	0.319246	0.276	0.106	2.10E-27	pDC	PMF1
ANKRD121	9.11E-32	0.623785	0.58	0.336	2.56E-27	pDC	ANKRD12
AGPAT2	1.04E-31	0.362491	0.295	0.117	2.94E-27	pDC	AGPAT2
RNASE61	1.30E-31	0.614655	0.569	0.352	3.65E-27	pDC	RNASE6
GAS6	1.33E-31	0.543304	0.49	0.266	3.74E-27	pDC	GAS6
POLR2A1	1.35E-31	0.631726	0.488	0.265	3.81E-27	pDC	POLR2A
SNHG293	1.98E-31	0.65041	0.709	0.55	5.57E-27	pDC	SNHG29
SEC11C1	2.21E-31	0.387113	0.325	0.138	6.22E-27	pDC	SEC11C
TEX2	2.33E-31	0.306001	0.289	0.113	6.55E-27	pDC	TEX2
PPP2R5C1	2.59E-31	0.463698	0.403	0.191	7.28E-27	pDC	PPP2R5C
RPS293	3.58E-31	0.634695	0.779	0.653	1.01E-26	pDC	RPS29
ZNF7061	3.65E-31	0.586923	0.524	0.305	1.03E-26	pDC	ZNF706
UBALD23	3.75E-31	0.516804	0.499	0.277	1.06E-26	pDC	UBALD2
BRD4	5.03E-31	0.572275	0.62	0.376	1.41E-26	pDC	BRD4
PSMA21	5.04E-31	0.487593	0.516	0.283	1.42E-26	pDC	PSMA2
CHMP1B2	6.11E-31	0.725149	0.497	0.271	1.72E-26	pDC	CHMP1B
LINC02245	6.35E-31	0.374654	0.386	0.174	1.79E-26	pDC	LINC02245
NHP2	6.43E-31	0.440442	0.431	0.213	1.81E-26	pDC	NHP2
SP1101	1.10E-30	0.620346	0.544	0.317	3.11E-26	pDC	SP110
HNRNPUL1	1.92E-30	0.59	0.603	0.374	5.40E-26	pDC	HNRNPUL1
LRCH3	2.28E-30	0.536559	0.323	0.14	6.42E-26	pDC	LRCH3
RPS243	2.39E-30	0.416799	0.953	0.901	6.72E-26	pDC	RPS24
DNAJC41	2.82E-30	0.417918	0.42	0.207	7.94E-26	pDC	DNAJC4
HLA-DQA2:	2.97E-30	0.57923	0.425	0.214	8.34E-26	pDC	HLA-DQA2
RABL6	3.12E-30	0.439922	0.335	0.148	8.79E-26	pDC	RABL6
ST14	3.46E-30	0.374101	0.323	0.137	9.73E-26	pDC	ST14
RPL213	3.61E-30	0.698718	0.809	0.746	1.02E-25	pDC	RPL21
DTNBP1	3.69E-30	0.447687	0.304	0.128	1.04E-25	pDC	DTNBP1
SMCHD14	5.52E-30	0.784488	0.497	0.277	1.55E-25	pDC	SMCHD1
C17orf49	5.56E-30	0.40944	0.41	0.202	1.56E-25	pDC	C17orf49
EDF14	9.58E-30	0.54983	0.684	0.483	2.70E-25	pDC	EDF1
GATAD2A	1.27E-29	0.507706	0.333	0.148	3.58E-25	pDC	GATAD2A

VAMP84	2.32E-29	0.613123	0.694	0.524	6.54E-25	pDC	VAMP8
TNIP11	2.93E-29	0.350844	0.301	0.127	8.24E-25	pDC	TNIP1
OST42	5.40E-29	0.568127	0.658	0.476	1.52E-24	pDC	OST4
ADGRE52	5.67E-29	0.417254	0.323	0.139	1.59E-24	pDC	ADGRE5
JTB2	5.67E-29	0.50125	0.529	0.311	1.60E-24	pDC	JTB
SERF23	5.91E-29	0.455095	0.864	0.802	1.66E-24	pDC	SERF2
CPNE3	6.54E-29	0.405274	0.359	0.167	1.84E-24	pDC	CPNE3
PQBP1	8.19E-29	0.401234	0.397	0.193	2.30E-24	pDC	PQBP1
UNC93B1	8.61E-29	0.567812	0.59	0.375	2.42E-24	pDC	UNC93B1
ALKBH5	9.62E-29	0.353168	0.299	0.126	2.71E-24	pDC	ALKBH5
RANBP22	1.01E-28	0.622542	0.766	0.569	2.85E-24	pDC	RANBP2
SEC61A11	1.60E-28	0.468832	0.363	0.171	4.51E-24	pDC	SEC61A1
TM9SF21	1.96E-28	0.487704	0.59	0.367	5.51E-24	pDC	TM9SF2
RNASEH2B	2.12E-28	0.320472	0.344	0.155	5.96E-24	pDC	RNASEH2B
STAT13	2.26E-28	0.640711	0.367	0.182	6.35E-24	pDC	STAT1
WDFY41	2.66E-28	0.556312	0.503	0.282	7.47E-24	pDC	WDFY4
RPL174	2.70E-28	0.484127	0.881	0.836	7.60E-24	pDC	RPL17
NME4	2.83E-28	0.301574	0.335	0.151	7.95E-24	pDC	NME4
H2AFV2	2.85E-28	0.494186	0.507	0.296	8.01E-24	pDC	H2AFV
SNRPD23	3.59E-28	0.520099	0.631	0.427	1.01E-23	pDC	SNRPD2
EDEM1	4.05E-28	0.523701	0.335	0.153	1.14E-23	pDC	EDEM1
GLO11	4.85E-28	0.32411	0.306	0.132	1.36E-23	pDC	GLO1
MEF2D	5.27E-28	0.410685	0.382	0.185	1.48E-23	pDC	MEF2D
RPL232	7.88E-28	0.599405	0.707	0.546	2.22E-23	pDC	RPL23
STX17-AS1	8.24E-28	0.58074	0.658	0.414	2.32E-23	pDC	STX17-AS1
CYTIP5	8.42E-28	0.42074	0.384	0.183	2.37E-23	pDC	CYTIP
ATP5MG3	9.49E-28	0.522989	0.745	0.614	2.67E-23	pDC	ATP5MG
ARHGEF71	1.09E-27	0.709904	0.514	0.301	3.06E-23	pDC	ARHGEF7
TRAM11	2.24E-27	0.420471	0.488	0.274	6.30E-23	pDC	TRAM1
COX7A2L2	2.60E-27	0.403363	0.486	0.272	7.31E-23	pDC	COX7A2L
RPS162	3.06E-27	0.44141	0.892	0.829	8.61E-23	pDC	RPS16
DIPK2A	3.08E-27	0.431099	0.359	0.171	8.66E-23	pDC	DIPK2A
COX7A22	3.27E-27	0.462957	0.584	0.374	9.20E-23	pDC	COX7A2
EIF3M1	4.37E-27	0.48484	0.548	0.328	1.23E-22	pDC	EIF3M
HEBP21	4.91E-27	0.298786	0.278	0.116	1.38E-22	pDC	HEBP2
PSME15	5.74E-27	0.531926	0.62	0.431	1.62E-22	pDC	PSME1
SSR32	8.69E-27	0.485567	0.567	0.357	2.44E-22	pDC	SSR3
ANAPC161	9.53E-27	0.482145	0.601	0.39	2.68E-22	pDC	ANAPC16
MPG	1.08E-26	0.295185	0.306	0.134	3.03E-22	pDC	MPG
RIPOR1	1.34E-26	0.375102	0.287	0.123	3.77E-22	pDC	RIPOR1
CUX13	1.42E-26	0.573236	0.622	0.397	3.99E-22	pDC	CUX1
SUPT5H	2.19E-26	0.380718	0.389	0.191	6.15E-22	pDC	SUPT5H
RPS172	4.84E-26	0.547217	0.662	0.466	1.36E-21	pDC	RPS17
NFATC2IP	7.00E-26	0.391868	0.278	0.12	1.97E-21	pDC	NFATC2IP
RPS10	1.19E-25	0.315535	0.27	0.114	3.36E-21	pDC	RPS10
PCBP2	1.57E-25	0.498387	0.59	0.395	4.42E-21	pDC	PCBP2
NAPA	2.30E-25	0.460544	0.573	0.358	6.48E-21	pDC	NAPA

DDB1	3.09E-25	0.35938	0.355	0.172	8.70E-21	pDC	DDB1
TTC31	3.74E-25	0.516361	0.444	0.247	1.05E-20	pDC	TTC3
UBL53	5.03E-25	0.470768	0.669	0.467	1.41E-20	pDC	UBL5
HPCAL12	6.55E-25	0.410512	0.295	0.133	1.84E-20	pDC	HPCAL1
CCND31	8.21E-25	0.414322	0.584	0.347	2.31E-20	pDC	CCND3
RPS201	1.38E-24	0.514564	0.671	0.494	3.89E-20	pDC	RPS20
ARHGAP17	1.83E-24	0.398511	0.338	0.161	5.14E-20	pDC	ARHGAP17
PHYKPL	1.86E-24	0.395313	0.397	0.204	5.24E-20	pDC	PHYKPL
HINT2	1.92E-24	0.271236	0.287	0.127	5.41E-20	pDC	HINT2
APRT3	2.33E-24	0.452324	0.577	0.37	6.54E-20	pDC	APRT
RBBP41	2.96E-24	0.378722	0.446	0.241	8.32E-20	pDC	RBBP4
SAP181	3.23E-24	0.434032	0.622	0.429	9.09E-20	pDC	SAP18
CD991	3.53E-24	0.521731	0.732	0.586	9.92E-20	pDC	CD99
PDE4B3	3.55E-24	0.607606	0.737	0.502	9.99E-20	pDC	PDE4B
EIF3L1	3.88E-24	0.485482	0.62	0.428	1.09E-19	pDC	EIF3L
COQ7	3.99E-24	0.388345	0.289	0.129	1.12E-19	pDC	COQ7
RAP1GDS1	4.62E-24	0.367513	0.318	0.148	1.30E-19	pDC	RAP1GDS1
MANF1	5.61E-24	0.286495	0.304	0.139	1.58E-19	pDC	MANF
MOB1B	5.71E-24	0.578527	0.403	0.218	1.61E-19	pDC	MOB1B
MED10	6.96E-24	0.292576	0.325	0.151	1.96E-19	pDC	MED10
DCTN31	7.47E-24	0.270018	0.323	0.151	2.10E-19	pDC	DCTN3
DDX18	1.01E-23	0.483824	0.524	0.319	2.84E-19	pDC	DDX18
KCTD5	1.06E-23	0.274629	0.295	0.132	2.98E-19	pDC	KCTD5
TMEM258	1.12E-23	0.433169	0.58	0.38	3.15E-19	pDC	TMEM258
AKAP91	1.28E-23	0.480164	0.471	0.272	3.60E-19	pDC	AKAP9
TBC1D8	1.37E-23	0.523798	0.372	0.19	3.84E-19	pDC	TBC1D8
DBNL	1.58E-23	0.473957	0.48	0.281	4.44E-19	pDC	DBNL
CENPC	1.59E-23	0.361857	0.365	0.181	4.48E-19	pDC	CENPC
SNAP29	1.67E-23	0.316857	0.27	0.118	4.69E-19	pDC	SNAP29
ZNF787	1.81E-23	0.350058	0.263	0.115	5.09E-19	pDC	ZNF787
SSR25	2.07E-23	0.441221	0.584	0.397	5.83E-19	pDC	SSR2
TGIF2	2.74E-23	0.344382	0.306	0.143	7.72E-19	pDC	TGIF2
TRABD	3.48E-23	0.467229	0.48	0.282	9.79E-19	pDC	TRABD
CCDC1071	4.23E-23	0.318825	0.299	0.138	1.19E-18	pDC	CCDC107
SAMHD12	4.42E-23	0.440908	0.696	0.497	1.24E-18	pDC	SAMHD1
ADI1	6.94E-23	0.320538	0.344	0.171	1.95E-18	pDC	ADI1
MX21	7.04E-23	0.326118	0.323	0.153	1.98E-18	pDC	MX2
UBA524	8.46E-23	0.404782	0.856	0.776	2.38E-18	pDC	UBA52
IKZF11	1.09E-22	0.455625	0.645	0.427	3.07E-18	pDC	IKZF1
GLG1	1.22E-22	0.44882	0.431	0.238	3.44E-18	pDC	GLG1
LINC01374	1.28E-22	0.582613	0.503	0.291	3.60E-18	pDC	LINC01374
PECAM11	1.38E-22	0.37689	0.355	0.179	3.89E-18	pDC	PECAM1
UXT2	1.53E-22	0.461326	0.52	0.326	4.30E-18	pDC	UXT
NDUFA71	1.57E-22	0.317733	0.361	0.188	4.42E-18	pDC	NDUFA7
CLASP21	1.83E-22	0.431391	0.416	0.226	5.16E-18	pDC	CLASP2
GGA2	1.89E-22	0.350306	0.365	0.191	5.33E-18	pDC	GGA2
GTF3A2	2.14E-22	0.391901	0.493	0.291	6.02E-18	pDC	GTF3A

PDPK1	2.27E-22	0.292041	0.263	0.117	6.38E-18	pDC	PDPK1
SPTY2D1	2.28E-22	0.394671	0.265	0.12	6.42E-18	pDC	SPTY2D1
IDS1	2.32E-22	0.50317	0.622	0.423	6.52E-18	pDC	IDS
ATP6V1G1	2.33E-22	0.457903	0.597	0.417	6.56E-18	pDC	ATP6V1G1
TOX4	2.96E-22	0.312998	0.338	0.168	8.33E-18	pDC	TOX4
TRIM22	3.52E-22	0.549833	0.569	0.387	9.91E-18	pDC	TRIM22
SNX93	3.84E-22	0.406464	0.758	0.548	1.08E-17	pDC	SNX9
TATDN3	5.18E-22	0.31332	0.295	0.139	1.46E-17	pDC	TATDN3
COX5A3	5.48E-22	0.539431	0.592	0.415	1.54E-17	pDC	COX5A
ARID2	8.83E-22	0.369223	0.348	0.175	2.48E-17	pDC	ARID2
HIST1H4C1	1.00E-21	0.460053	0.529	0.323	2.82E-17	pDC	HIST1H4C
JOSD1	1.53E-21	0.385744	0.327	0.164	4.29E-17	pDC	JOSD1
MYL63	2.38E-21	0.367182	0.862	0.772	6.71E-17	pDC	MYL6
SET1	2.90E-21	0.442581	0.592	0.399	8.17E-17	pDC	SET
ALYREF	3.30E-21	0.315053	0.378	0.2	9.30E-17	pDC	ALYREF
RPL27A3	3.71E-21	0.483917	0.722	0.582	1.05E-16	pDC	RPL27A
ADD1	5.36E-21	0.36055	0.418	0.232	1.51E-16	pDC	ADD1
TOMM72	6.19E-21	0.479365	0.711	0.56	1.74E-16	pDC	TOMM7
COX7C2	6.54E-21	0.48816	0.709	0.599	1.84E-16	pDC	COX7C
SRSF71	6.59E-21	0.400758	0.794	0.63	1.85E-16	pDC	SRSF7
SPCS31	7.20E-21	0.391391	0.435	0.25	2.03E-16	pDC	SPCS3
EIF3F3	7.47E-21	0.435497	0.682	0.505	2.10E-16	pDC	EIF3F
SELENOF	8.73E-21	0.391695	0.512	0.318	2.46E-16	pDC	SELENOF
PGD2	8.88E-21	0.33222	0.382	0.208	2.50E-16	pDC	PGD
NDUFB6	8.92E-21	0.360381	0.386	0.21	2.51E-16	pDC	NDUFB6
COX4I13	9.46E-21	0.38607	0.826	0.74	2.66E-16	pDC	COX4I1
ANKLE2	9.74E-21	0.368707	0.323	0.16	2.74E-16	pDC	ANKLE2
SNRPF	1.05E-20	0.305864	0.376	0.196	2.96E-16	pDC	SNRPF
TBCA1	1.09E-20	0.403022	0.539	0.344	3.06E-16	pDC	TBCA
TLK1	1.11E-20	0.360565	0.297	0.144	3.13E-16	pDC	TLK1
TMA71	1.12E-20	0.483316	0.701	0.552	3.15E-16	pDC	TMA7
FIP1L1	1.19E-20	0.330263	0.327	0.163	3.33E-16	pDC	FIP1L1
SRSF92	1.19E-20	0.411792	0.567	0.377	3.35E-16	pDC	SRSF9
TMED21	1.24E-20	0.333201	0.433	0.247	3.49E-16	pDC	TMED2
TNRC6B2	1.25E-20	0.413971	0.499	0.302	3.51E-16	pDC	TNRC6B
SERINC3	1.40E-20	0.329976	0.456	0.262	3.95E-16	pDC	SERINC3
NARF	1.43E-20	0.403709	0.257	0.119	4.01E-16	pDC	NARF
OSBP	1.49E-20	0.309847	0.274	0.128	4.20E-16	pDC	OSBP
NSMCE1	1.50E-20	0.350739	0.323	0.163	4.21E-16	pDC	NSMCE1
FBL1	1.50E-20	0.318029	0.352	0.185	4.22E-16	pDC	FBL
CTBP1	1.59E-20	0.360582	0.386	0.212	4.48E-16	pDC	CTBP1
HMG12	1.70E-20	0.424324	0.633	0.462	4.78E-16	pDC	HMG1
APEX1	1.74E-20	0.404772	0.499	0.313	4.90E-16	pDC	APEX1
NDUFS52	1.76E-20	0.459791	0.569	0.388	4.95E-16	pDC	NDUFS5
ZNF428	1.88E-20	0.301516	0.325	0.164	5.29E-16	pDC	ZNF428
MDM4	2.22E-20	0.414224	0.369	0.198	6.23E-16	pDC	MDM4
ATAD2B	3.15E-20	0.33993	0.333	0.17	8.86E-16	pDC	ATAD2B

ARMH12	3.34E-20	0.308843	0.389	0.204	9.40E-16	pDC	ARMH1
SNU13	4.97E-20	0.344529	0.537	0.339	1.40E-15	pDC	SNU13
NUDT22	5.43E-20	0.29876	0.306	0.151	1.53E-15	pDC	NUDT22
NDUFB111	5.93E-20	0.407993	0.594	0.415	1.67E-15	pDC	NDUFB11
PFN15	6.08E-20	0.334796	0.904	0.827	1.71E-15	pDC	PFN1
PSMA63	7.02E-20	0.438685	0.495	0.313	1.98E-15	pDC	PSMA6
SCARB21	8.53E-20	0.341375	0.401	0.223	2.40E-15	pDC	SCARB2
ATP5MPL2	9.17E-20	0.360306	0.505	0.31	2.58E-15	pDC	ATP5MPL
STAT2	9.92E-20	0.35577	0.268	0.127	2.79E-15	pDC	STAT2
NDUFA9	9.95E-20	0.279718	0.276	0.13	2.80E-15	pDC	NDUFA9
LSM7	1.02E-19	0.394156	0.503	0.314	2.88E-15	pDC	LSM7
H2AFX	1.04E-19	0.371197	0.372	0.205	2.92E-15	pDC	H2AFX
CD371	1.18E-19	0.450647	0.752	0.66	3.31E-15	pDC	CD37
TOMM5	1.28E-19	0.320137	0.352	0.188	3.61E-15	pDC	TOMM5
UNC119	1.46E-19	0.265054	0.272	0.129	4.10E-15	pDC	UNC119
PTPN21	2.40E-19	0.379336	0.456	0.278	6.76E-15	pDC	PTPN2
RSL24D11	2.96E-19	0.365614	0.425	0.247	8.33E-15	pDC	RSL24D1
UBE2E3	3.66E-19	0.377851	0.382	0.217	1.03E-14	pDC	UBE2E3
BAIAP2	4.61E-19	0.382993	0.384	0.215	1.30E-14	pDC	BAIAP2
RAB4B	5.01E-19	0.330635	0.331	0.175	1.41E-14	pDC	RAB4B
TPT14	6.14E-19	0.296632	0.977	0.956	1.73E-14	pDC	TPT1
FAAP201	6.21E-19	0.308405	0.423	0.238	1.75E-14	pDC	FAAP20
BHLHE402	6.41E-19	0.473931	0.467	0.28	1.80E-14	pDC	BHLHE40
ARID1B2	6.71E-19	0.474073	0.507	0.318	1.89E-14	pDC	ARID1B
NBDY	6.75E-19	0.316607	0.437	0.255	1.90E-14	pDC	NBDY
TNFSF91	9.55E-19	0.639175	0.367	0.217	2.69E-14	pDC	TNFSF9
NRDC	1.15E-18	0.403772	0.435	0.255	3.23E-14	pDC	NRDC
ARFGAP3	1.23E-18	0.341011	0.355	0.193	3.46E-14	pDC	ARFGAP3
RBM31	1.60E-18	0.458909	0.635	0.478	4.50E-14	pDC	RBM3
NFX1	1.73E-18	0.341015	0.372	0.204	4.88E-14	pDC	NFX1
TP53I13	1.74E-18	0.306584	0.374	0.203	4.91E-14	pDC	TP53I13
PSMB4	1.94E-18	0.281921	0.301	0.151	5.46E-14	pDC	PSMB4
COX141	1.98E-18	0.275877	0.338	0.181	5.57E-14	pDC	COX14
MLF21	2.41E-18	0.314278	0.467	0.282	6.77E-14	pDC	MLF2
NSUN2	2.46E-18	0.330931	0.253	0.12	6.93E-14	pDC	NSUN2
USP241	3.56E-18	0.332533	0.367	0.202	1.00E-13	pDC	USP24
SF3B52	4.02E-18	0.357815	0.52	0.336	1.13E-13	pDC	SF3B5
KRT101	5.28E-18	0.341315	0.478	0.294	1.48E-13	pDC	KRT10
ANAPC5	5.55E-18	0.256491	0.408	0.229	1.56E-13	pDC	ANAPC5
CNOT21	6.05E-18	0.400342	0.459	0.28	1.70E-13	pDC	CNOT2
TRAPPC11	7.15E-18	0.267828	0.49	0.297	2.01E-13	pDC	TRAPPC1
IFI35	7.49E-18	0.309316	0.295	0.151	2.11E-13	pDC	IFI35
HNRNPA0	8.48E-18	0.415474	0.631	0.474	2.39E-13	pDC	HNRNPA0
SERP13	9.98E-18	0.349286	0.775	0.664	2.81E-13	pDC	SERP1
MAPK1IP11	1.21E-17	0.335875	0.484	0.304	3.42E-13	pDC	MAPK1IP1L
TMEM109	1.41E-17	0.346169	0.444	0.273	3.96E-13	pDC	TMEM109
TOB2	1.46E-17	0.263771	0.274	0.135	4.10E-13	pDC	TOB2

RNF139	1.53E-17	0.28912	0.251	0.121	4.32E-13	pDC	RNF139
RNF71	1.61E-17	0.320786	0.476	0.293	4.53E-13	pDC	RNF7
PRDX62	2.37E-17	0.285878	0.537	0.349	6.68E-13	pDC	PRDX6
ZBTB1	2.52E-17	0.361502	0.399	0.231	7.09E-13	pDC	ZBTB1
EIF4B	2.72E-17	0.330268	0.563	0.376	7.65E-13	pDC	EIF4B
COX6C2	2.75E-17	0.304027	0.641	0.46	7.73E-13	pDC	COX6C
UPF3A	2.79E-17	0.311059	0.291	0.148	7.85E-13	pDC	UPF3A
USP7	2.97E-17	0.319433	0.287	0.148	8.36E-13	pDC	USP7
CD4	3.11E-17	0.367584	0.569	0.401	8.74E-13	pDC	CD4
UBE2M1	3.27E-17	0.261344	0.335	0.183	9.19E-13	pDC	UBE2M
COMMD10	3.50E-17	0.534453	0.418	0.25	9.85E-13	pDC	COMMD10
SUPT3H	3.51E-17	0.299586	0.327	0.174	9.88E-13	pDC	SUPT3H
PIP4K2A3	3.65E-17	0.28731	0.439	0.257	1.03E-12	pDC	PIP4K2A
DDX27	5.94E-17	0.271473	0.31	0.164	1.67E-12	pDC	DDX27
SAP30BP	6.17E-17	0.313587	0.412	0.238	1.74E-12	pDC	SAP30BP
PSMB102	6.96E-17	0.317712	0.505	0.322	1.96E-12	pDC	PSMB10
HIST1H2AC	7.63E-17	0.310571	0.301	0.158	2.15E-12	pDC	HIST1H2AC
RO60	7.68E-17	0.319325	0.268	0.135	2.16E-12	pDC	RO60
CDC42SE22	7.88E-17	0.39621	0.41	0.237	2.22E-12	pDC	CDC42SE2
SLC25A53	8.09E-17	0.389198	0.69	0.551	2.28E-12	pDC	SLC25A5
PA2G41	9.16E-17	0.290938	0.465	0.286	2.58E-12	pDC	PA2G4
PIN1	9.17E-17	0.290517	0.316	0.17	2.58E-12	pDC	PIN1
ATG12	9.75E-17	0.335489	0.287	0.151	2.74E-12	pDC	ATG12
PPP4R3B	1.00E-16	0.28687	0.342	0.189	2.81E-12	pDC	PPP4R3B
XBP11	1.10E-16	0.45728	0.658	0.493	3.09E-12	pDC	XBP1
CCNI3	1.11E-16	0.401772	0.696	0.588	3.13E-12	pDC	CCNI
H1FX3	1.21E-16	0.854631	0.541	0.388	3.40E-12	pDC	H1FX
RPL86	1.22E-16	0.284597	0.915	0.853	3.42E-12	pDC	RPL8
HMG21	1.22E-16	0.345306	0.658	0.49	3.45E-12	pDC	HMG21
RPL364	1.41E-16	0.297987	0.892	0.834	3.96E-12	pDC	RPL36
ATP5MC33	1.46E-16	0.372474	0.605	0.438	4.12E-12	pDC	ATP5MC3
TCEA1	1.62E-16	0.319845	0.484	0.307	4.57E-12	pDC	TCEA1
TPM42	1.64E-16	0.310935	0.618	0.422	4.62E-12	pDC	TPM4
TAPBP	1.74E-16	0.369379	0.456	0.288	4.90E-12	pDC	TAPBP
FERMT31	1.86E-16	0.326875	0.473	0.301	5.22E-12	pDC	FERMT3
METRNL4	2.08E-16	0.273589	0.357	0.196	5.85E-12	pDC	METRNL
NDUFB102	2.44E-16	0.30778	0.471	0.294	6.87E-12	pDC	NDUFB10
MYL12B3	2.77E-16	0.427414	0.673	0.558	7.80E-12	pDC	MYL12B
SLC66A2	2.81E-16	0.344609	0.348	0.195	7.92E-12	pDC	SLC66A2
PIK3CG	3.14E-16	0.316676	0.28	0.145	8.83E-12	pDC	PIK3CG
RPL36AL4	3.17E-16	0.320834	0.792	0.659	8.91E-12	pDC	RPL36AL
NDUFA41	3.89E-16	0.309316	0.688	0.511	1.09E-11	pDC	NDUFA4
NADSYN1	3.89E-16	0.351807	0.27	0.138	1.10E-11	pDC	NADSYN1
JARID24	4.02E-16	0.366454	0.45	0.274	1.13E-11	pDC	JARID2
KLC1	5.17E-16	0.316555	0.293	0.154	1.45E-11	pDC	KLC1
EIF2S21	5.78E-16	0.310612	0.427	0.26	1.63E-11	pDC	EIF2S2
TMEM14B	6.00E-16	0.280756	0.452	0.279	1.69E-11	pDC	TMEM14B

ERGIC3	6.27E-16	0.325656	0.425	0.266	1.76E-11	pDC	ERGIC3
CEBPZ	6.42E-16	0.383869	0.297	0.16	1.81E-11	pDC	CEBPZ
PAN32	7.10E-16	0.305293	0.416	0.247	2.00E-11	pDC	PAN3
ANAPC112	7.71E-16	0.284673	0.505	0.323	2.17E-11	pDC	ANAPC11
NOP532	7.98E-16	0.428045	0.609	0.431	2.25E-11	pDC	NOP53
RPL22L11	8.89E-16	0.35032	0.648	0.462	2.50E-11	pDC	RPL22L1
GPAA1	9.34E-16	0.268198	0.318	0.173	2.63E-11	pDC	GPAA1
MVP	1.05E-15	0.285598	0.282	0.149	2.96E-11	pDC	MVP
CCS	1.07E-15	0.331223	0.338	0.192	3.01E-11	pDC	CCS
SLU7	1.10E-15	0.251955	0.251	0.126	3.08E-11	pDC	SLU7
ADAR1	1.13E-15	0.419064	0.456	0.295	3.18E-11	pDC	ADAR
BRD22	1.55E-15	0.392894	0.637	0.468	4.35E-11	pDC	BRD2
UBE2L62	1.57E-15	0.384905	0.414	0.258	4.41E-11	pDC	UBE2L6
FDFT1	1.71E-15	0.255896	0.412	0.243	4.81E-11	pDC	FDFT1
EIF3H3	1.77E-15	0.318984	0.656	0.475	4.99E-11	pDC	EIF3H
MACO1	1.87E-15	0.272339	0.268	0.139	5.27E-11	pDC	MACO1
HMGA11	1.98E-15	0.29337	0.38	0.222	5.57E-11	pDC	HMGA1
MORF4L21	2.25E-15	0.370698	0.495	0.32	6.33E-11	pDC	MORF4L2
PAIP22	2.73E-15	0.288459	0.486	0.313	7.68E-11	pDC	PAIP2
IRF12	3.20E-15	0.366974	0.299	0.165	9.01E-11	pDC	IRF1
NDUFV2	3.32E-15	0.371106	0.454	0.297	9.34E-11	pDC	NDUFV2
IDI1	3.69E-15	0.413247	0.431	0.276	1.04E-10	pDC	IDI1
USP9Y	4.00E-15	0.385845	0.272	0.145	1.13E-10	pDC	USP9Y
PDCD42	4.13E-15	0.334577	0.433	0.275	1.16E-10	pDC	PDCD4
BTF34	4.92E-15	0.334508	0.786	0.706	1.39E-10	pDC	BTF3
CCDC59	5.21E-15	0.270532	0.355	0.204	1.47E-10	pDC	CCDC59
LSM4	5.31E-15	0.264756	0.374	0.221	1.49E-10	pDC	LSM4
NDUFA111	5.62E-15	0.338434	0.622	0.443	1.58E-10	pDC	NDUFA11
H3F3A2	6.23E-15	0.31292	0.845	0.776	1.75E-10	pDC	H3F3A
IFRD12	6.28E-15	0.400414	0.658	0.5	1.77E-10	pDC	IFRD1
SUMO2	7.80E-15	0.339895	0.679	0.559	2.19E-10	pDC	SUMO2
AMZ2	8.30E-15	0.337415	0.34	0.193	2.34E-10	pDC	AMZ2
UBE2D2	9.20E-15	0.347388	0.618	0.467	2.59E-10	pDC	UBE2D2
CYBA1	9.36E-15	0.270875	0.93	0.886	2.63E-10	pDC	CYBA
SEC63	9.40E-15	0.307439	0.359	0.213	2.65E-10	pDC	SEC63
STUB1	9.85E-15	0.293363	0.367	0.215	2.77E-10	pDC	STUB1
RBM4	1.09E-14	0.284323	0.344	0.2	3.07E-10	pDC	RBM4
SNHG5	1.09E-14	0.288148	0.567	0.39	3.07E-10	pDC	SNHG5
TMED101	1.17E-14	0.354	0.599	0.431	3.29E-10	pDC	TMED10
DNAJC7	1.30E-14	0.329897	0.363	0.217	3.66E-10	pDC	DNAJC7
TOP2B	1.61E-14	0.253903	0.257	0.136	4.54E-10	pDC	TOP2B
TAF15	1.85E-14	0.269709	0.482	0.307	5.20E-10	pDC	TAF15
EIF3E2	2.10E-14	0.374445	0.592	0.435	5.91E-10	pDC	EIF3E
ATP5F1A1	2.18E-14	0.370314	0.478	0.327	6.15E-10	pDC	ATP5F1A
RNF220	2.31E-14	0.272066	0.253	0.132	6.49E-10	pDC	RNF220
HIGD2A4	2.53E-14	0.281195	0.605	0.43	7.11E-10	pDC	HIGD2A
PSMB32	2.87E-14	0.272589	0.531	0.356	8.06E-10	pDC	PSMB3

PCMTD1	3.03E-14	0.311432	0.384	0.23	8.53E-10	pDC	PCMTD1
GHITM1	3.19E-14	0.26062	0.433	0.272	8.98E-10	pDC	GHITM
NCL1	3.40E-14	0.311324	0.735	0.596	9.58E-10	pDC	NCL
ILF2	3.50E-14	0.262554	0.452	0.292	9.85E-10	pDC	ILF2
FPGS	3.51E-14	0.278055	0.295	0.164	9.87E-10	pDC	FPGS
HDAC2	3.86E-14	0.267152	0.297	0.163	1.09E-09	pDC	HDAC2
SPCS21	3.87E-14	0.335721	0.493	0.332	1.09E-09	pDC	SPCS2
LCP13	4.02E-14	0.304352	0.611	0.437	1.13E-09	pDC	LCP1
NSA21	4.20E-14	0.284108	0.482	0.311	1.18E-09	pDC	NSA2
RBBP61	5.63E-14	0.355009	0.52	0.358	1.58E-09	pDC	RBBP6
KRTCAP22	9.62E-14	0.312227	0.635	0.485	2.71E-09	pDC	KRTCAP2
NOP56	1.00E-13	0.290569	0.276	0.152	2.83E-09	pDC	NOP56
SCAND11	1.15E-13	0.27314	0.486	0.319	3.22E-09	pDC	SCAND1
OSER1	1.39E-13	0.275715	0.306	0.174	3.92E-09	pDC	OSER1
JUND2	1.47E-13	0.407095	0.873	0.8	4.12E-09	pDC	JUND
SEC31A	1.62E-13	0.306483	0.38	0.237	4.57E-09	pDC	SEC31A
CAPRIN11	2.08E-13	0.323657	0.403	0.256	5.84E-09	pDC	CAPRIN1
COPE3	2.12E-13	0.299745	0.59	0.432	5.96E-09	pDC	COPE
ITCH	2.15E-13	0.287835	0.372	0.226	6.06E-09	pDC	ITCH
G3BP21	2.37E-13	0.269377	0.361	0.224	6.66E-09	pDC	G3BP2
CCDC88A1	2.52E-13	0.397152	0.55	0.391	7.10E-09	pDC	CCDC88A
C11orf58	2.57E-13	0.310575	0.546	0.398	7.22E-09	pDC	C11orf58
SLC25A62	2.76E-13	0.330585	0.749	0.656	7.77E-09	pDC	SLC25A6
TDG	3.22E-13	0.268989	0.255	0.137	9.07E-09	pDC	TDG
TAF103	3.24E-13	0.309104	0.611	0.46	9.12E-09	pDC	TAF10
SMG11	3.80E-13	0.309432	0.408	0.251	1.07E-08	pDC	SMG1
PLAAT3	3.95E-13	0.29221	0.423	0.275	1.11E-08	pDC	PLAAT3
DCAF5	4.12E-13	0.265918	0.265	0.146	1.16E-08	pDC	DCAF5
CYCS	4.18E-13	0.277297	0.55	0.372	1.18E-08	pDC	CYCS
UBB1	4.35E-13	0.349106	0.777	0.675	1.22E-08	pDC	UBB
KDM5A	4.47E-13	0.262615	0.352	0.212	1.26E-08	pDC	KDM5A
AC087286.	5.86E-13	0.291467	0.321	0.186	1.65E-08	pDC	AC087286.2
ARF4	7.86E-13	0.327033	0.631	0.464	2.21E-08	pDC	ARF4
XRN1	7.97E-13	0.390199	0.344	0.21	2.24E-08	pDC	XRN1
SERBP1	8.09E-13	0.268273	0.563	0.413	2.28E-08	pDC	SERBP1
PSME24	8.25E-13	0.304086	0.512	0.351	2.32E-08	pDC	PSME2
NPM12	8.31E-13	0.287583	0.792	0.711	2.34E-08	pDC	NPM1
ROMO11	9.66E-13	0.260843	0.418	0.269	2.72E-08	pDC	ROMO1
NAP1L11	1.03E-12	0.318469	0.588	0.431	2.89E-08	pDC	NAP1L1
POLR2L1	1.92E-12	0.271811	0.444	0.29	5.40E-08	pDC	POLR2L
PSMB81	2.19E-12	0.259019	0.446	0.298	6.16E-08	pDC	PSMB8
COPA1	2.79E-12	0.322892	0.495	0.334	7.85E-08	pDC	COPA
RABAC12	2.79E-12	0.297672	0.527	0.356	7.86E-08	pDC	RABAC1
TRIR1	3.12E-12	0.282917	0.605	0.46	8.79E-08	pDC	TRIR
NDUFB81	3.41E-12	0.271604	0.544	0.378	9.58E-08	pDC	NDUFB8
EIF2S3	3.50E-12	0.269072	0.454	0.3	9.84E-08	pDC	EIF2S3
ADK1	3.61E-12	0.291709	0.418	0.269	1.02E-07	pDC	ADK

SNX33	3.74E-12	0.265066	0.633	0.492	1.05E-07	pDC	SNX3
ITPR12	3.84E-12	0.296333	0.406	0.258	1.08E-07	pDC	ITPR1
MKNK2	3.93E-12	0.274387	0.391	0.247	1.11E-07	pDC	MKNK2
MXD4	4.30E-12	0.347816	0.452	0.303	1.21E-07	pDC	MXD4
UVRAG3	5.40E-12	0.342512	0.531	0.38	1.52E-07	pDC	UVRAG
ASXL2	5.99E-12	0.463093	0.278	0.162	1.69E-07	pDC	ASXL2
PPHLN1	7.14E-12	0.269363	0.314	0.188	2.01E-07	pDC	PPHLN1
ALOX5AP2	7.79E-12	0.263223	0.813	0.747	2.19E-07	pDC	ALOX5AP
RNMT	9.03E-12	0.257456	0.355	0.219	2.54E-07	pDC	RNMT
RPL383	9.12E-12	0.288901	0.752	0.647	2.57E-07	pDC	RPL38
SH3BGRL3	9.43E-12	0.26412	0.762	0.667	2.65E-07	pDC	SH3BGRL3
SELENOH2	1.49E-11	0.289774	0.588	0.436	4.19E-07	pDC	SELENOH
PHC3	1.50E-11	0.265689	0.323	0.196	4.21E-07	pDC	PHC3
MAP2K31	1.56E-11	0.275648	0.42	0.276	4.40E-07	pDC	MAP2K3
PRDX53	1.95E-11	0.269118	0.48	0.324	5.48E-07	pDC	PRDX5
TRIM44	2.42E-11	0.273126	0.431	0.285	6.81E-07	pDC	TRIM44
PHF14	3.27E-11	0.277567	0.28	0.161	9.21E-07	pDC	PHF14
ARIH12	3.31E-11	0.332284	0.601	0.451	9.32E-07	pDC	ARIH1
DMXL1	3.52E-11	0.29545	0.28	0.164	9.89E-07	pDC	DMXL1
GNAS	4.39E-11	0.277198	0.786	0.716	1.23E-06	pDC	GNAS
SNRNP200	6.26E-11	0.30294	0.297	0.182	1.76E-06	pDC	SNRNP200
YTHDC1	7.36E-11	0.295555	0.41	0.278	2.07E-06	pDC	YTHDC1
KDM4B2	7.58E-11	0.317369	0.41	0.272	2.13E-06	pDC	KDM4B
EIF4G2	7.75E-11	0.317385	0.639	0.511	2.18E-06	pDC	EIF4G2
SCFD1	9.29E-11	0.306214	0.259	0.151	2.61E-06	pDC	SCFD1
ALG13	1.05E-10	0.325909	0.376	0.244	2.95E-06	pDC	ALG13
NDUFB43	1.08E-10	0.254914	0.49	0.347	3.03E-06	pDC	NDUFB4
ZCCHC7	1.11E-10	0.275155	0.259	0.149	3.11E-06	pDC	ZCCHC7
DYNLL11	1.20E-10	0.272605	0.527	0.371	3.36E-06	pDC	DYNLL1
MKLN12	1.20E-10	0.306	0.484	0.339	3.38E-06	pDC	MKLN1
NSD3	1.41E-10	0.316359	0.384	0.249	3.98E-06	pDC	NSD3
LRBA2	1.60E-10	0.302759	0.312	0.193	4.50E-06	pDC	LRBA
EPB41	2.46E-10	0.293805	0.304	0.187	6.93E-06	pDC	EPB41
SMDT14	2.64E-10	0.253483	0.505	0.36	7.42E-06	pDC	SMDT1
FBXW112	2.91E-10	0.328682	0.476	0.339	8.20E-06	pDC	FBXW11
SH2B33	2.92E-10	0.30055	0.516	0.369	8.21E-06	pDC	SH2B3
HNRNPL	3.14E-10	0.27531	0.569	0.429	8.84E-06	pDC	HNRNPL
DDX211	3.27E-10	0.279101	0.556	0.409	9.20E-06	pDC	DDX21
EID11	3.28E-10	0.272131	0.529	0.388	9.23E-06	pDC	EID1
BCLAF11	3.50E-10	0.324276	0.535	0.392	9.86E-06	pDC	BCLAF1
PFKL1	3.92E-10	0.254824	0.333	0.215	1.10E-05	pDC	PFKL
PCNX11	4.76E-10	0.339601	0.28	0.171	1.34E-05	pDC	PCNX1
HECTD1	6.60E-10	0.298873	0.34	0.219	1.86E-05	pDC	HECTD1
GPBP1	6.96E-10	0.256426	0.425	0.298	1.96E-05	pDC	GPBP1
ARF61	8.31E-10	0.264245	0.435	0.306	2.34E-05	pDC	ARF6
ARID4B2	9.40E-10	0.284255	0.478	0.339	2.65E-05	pDC	ARID4B
AUTS22	9.84E-10	0.301827	0.461	0.314	2.77E-05	pDC	AUTS2

CMSS13	1.03E-09	0.701504	0.355	0.243	2.89E-05	pDC	CMSS1
IFI44L2	1.07E-09	0.367748	0.359	0.243	3.02E-05	pDC	IFI44L
BPTF1	1.26E-09	0.29188	0.469	0.34	3.54E-05	pDC	BPTF
FOXP12	1.54E-09	0.266157	0.62	0.467	4.35E-05	pDC	FOXP1
SLC7A11	1.66E-09	0.324533	0.257	0.154	4.66E-05	pDC	SLC7A1
CDC37	1.90E-09	0.266086	0.571	0.444	5.35E-05	pDC	CDC37
PRPF4B	1.94E-09	0.258123	0.369	0.249	5.47E-05	pDC	PRPF4B
FNBP14	2.71E-09	0.28605	0.367	0.243	7.63E-05	pDC	FNBP1
SRSF10	3.54E-09	0.257559	0.55	0.403	9.97E-05	pDC	SRSF10
HDAC94	4.11E-09	0.26801	0.571	0.415	0.000116	pDC	HDAC9
RASA23	8.03E-09	0.255473	0.265	0.164	0.000226	pDC	RASA2
JUNB1	2.14E-08	0.2616	0.926	0.888	0.000602	pDC	JUNB
RBMX	2.47E-08	0.251596	0.55	0.417	0.000694	pDC	RBMX
HM132	2.58E-08	0.250537	0.501	0.376	0.000726	pDC	HM13
ISG154	6.12E-08	0.374755	0.278	0.185	0.001722	pDC	ISG15
INTS63	7.78E-08	0.266387	0.439	0.324	0.00219	pDC	INTS6
ZRANB2	1.34E-07	0.255826	0.321	0.216	0.003778	pDC	ZRANB2
CDC73	3.33E-07	0.25118	0.338	0.231	0.009376	pDC	CDC73
SETD21	5.15E-07	0.273069	0.344	0.246	0.014502	pDC	SETD2
MAN1A12	6.91E-07	0.291292	0.554	0.429	0.019452	pDC	MAN1A1
MBD5	8.11E-06	0.266935	0.285	0.199	0.228297	pDC	MBD5
H3F3B1	3.84E-05	0.306742	0.945	0.917	1	pDC	H3F3B
WWOX2	0.000287	0.323727	0.335	0.258	1	pDC	WWOX
FOXO33	0.000318	0.256077	0.469	0.384	1	pDC	FOXO3
FP671120.4	0.003743	0.851356	0.478	0.419	1	pDC	FP671120.4
PDGFA	9.35E-305	2.145749	0.686	0.093	2.63E-300	MG-Home	PDGFA
TNFRSF12A	3.48E-221	1.962976	0.733	0.148	9.79E-217	MG-Home	TNFRSF12A
LYVE1	1.72E-218	1.824774	0.513	0.068	4.85E-214	MG-Home	LYVE1
MATK	1.11E-195	1.18462	0.365	0.039	3.12E-191	MG-Home	MATK
MRC1	1.44E-181	1.922986	0.55	0.093	4.05E-177	MG-Home	MRC1
XIRP1	1.27E-171	1.568573	0.33	0.036	3.57E-167	MG-Home	XIRP1
NAB2	9.97E-162	1.486723	0.591	0.122	2.81E-157	MG-Home	NAB2
RNASE1	1.62E-159	1.788755	0.396	0.054	4.57E-155	MG-Home	RNASE1
FOLR21	1.97E-135	1.754265	0.686	0.193	5.56E-131	MG-Home	FOLR2
CH25H2	8.82E-120	1.874932	0.965	0.47	2.48E-115	MG-Home	CH25H
TMIGD32	4.77E-119	1.560326	0.89	0.394	1.34E-114	MG-Home	TMIGD3
FHOD11	6.34E-119	1.380395	0.604	0.164	1.78E-114	MG-Home	FHOD1
ABCG2	9.31E-118	0.831833	0.261	0.032	2.62E-113	MG-Home	ABCG2
DHRS92	2.76E-99	1.434835	0.682	0.228	7.78E-95	MG-Home	DHRS9
PLVAP1	8.36E-99	1.394875	0.55	0.158	2.35E-94	MG-Home	PLVAP
SOCS61	2.42E-93	1.414021	0.821	0.384	6.81E-89	MG-Home	SOCS6
FCGR1B1	4.76E-92	1.361407	0.714	0.284	1.34E-87	MG-Home	FCGR1B
ACTG12	6.57E-92	1.378721	0.978	0.791	1.85E-87	MG-Home	ACTG1
NAA20	2.39E-83	1.264134	0.692	0.294	6.74E-79	MG-Home	NAA20
FCGR1A2	1.05E-81	1.39985	0.868	0.508	2.94E-77	MG-Home	FCGR1A
P2RY122	2.53E-80	1.40817	0.884	0.524	7.12E-76	MG-Home	P2RY12
SERPINE13	3.71E-79	1.628951	0.824	0.414	1.04E-74	MG-Home	SERPINE1

HTRA12	1.92E-78	1.256755	0.928	0.628	5.40E-74	MG-Home	HTRA1
IFNGR12	6.47E-77	1.30808	0.925	0.696	1.82E-72	MG-Home	IFNGR1
ITM2B	1.88E-75	0.885489	1	0.9	5.30E-71	MG-Home	ITM2B
AL138963.4	1.96E-75	1.349645	0.594	0.209	5.51E-71	MG-Home	AL138963.4
BIN1	7.78E-75	1.319536	0.899	0.604	2.19E-70	MG-Home	BIN1
RGL1	1.25E-73	1.125916	0.459	0.131	3.53E-69	MG-Home	RGL1
NCK22	4.00E-72	1.065421	0.77	0.373	1.12E-67	MG-Home	NCK2
RASL11A	1.38E-71	1.099419	0.362	0.087	3.87E-67	MG-Home	RASL11A
PLD41	7.66E-71	1.161967	0.906	0.618	2.15E-66	MG-Home	PLD4
PDGFB2	4.40E-70	1.304305	0.73	0.356	1.24E-65	MG-Home	PDGFB
IL3RA1	1.48E-67	1.037743	0.528	0.18	4.18E-63	MG-Home	IL3RA
SDK11	6.77E-67	1.206058	0.604	0.235	1.90E-62	MG-Home	SDK1
SPRY21	1.90E-66	1.118531	0.638	0.26	5.35E-62	MG-Home	SPRY2
A2M2	3.79E-66	1.07869	0.947	0.751	1.07E-61	MG-Home	A2M
MTRNR2L1	1.08E-65	1.19808	0.947	0.498	3.03E-61	MG-Home	MTRNR2L12
ADGRG11	8.00E-65	1.1227	0.717	0.342	2.25E-60	MG-Home	ADGRG1
PTPN6	1.73E-64	1.149936	0.752	0.41	4.86E-60	MG-Home	PTPN6
CD992	2.42E-64	1.162774	0.871	0.586	6.82E-60	MG-Home	CD99
BATF3	1.20E-63	0.854988	0.355	0.094	3.38E-59	MG-Home	BATF3
MKNK11	1.92E-63	1.006173	0.695	0.327	5.41E-59	MG-Home	MKNK1
LONRF1	3.55E-63	1.011034	0.362	0.096	9.99E-59	MG-Home	LONRF1
C3AR12	6.62E-62	1.209969	0.896	0.634	1.86E-57	MG-Home	C3AR1
LPL1	2.61E-61	0.986458	0.374	0.102	7.34E-57	MG-Home	LPL
GADD45G3	4.66E-60	1.472833	0.547	0.213	1.31E-55	MG-Home	GADD45G
SPHK11	1.26E-59	1.076595	0.406	0.124	3.56E-55	MG-Home	SPHK1
GNAS1	1.61E-59	0.912555	0.953	0.715	4.53E-55	MG-Home	GNAS
IPCEF13	1.79E-59	1.015741	0.884	0.507	5.02E-55	MG-Home	IPCEF1
BHLHE411	2.41E-59	1.038772	0.862	0.538	6.79E-55	MG-Home	BHLHE41
SRC	6.34E-58	0.787933	0.333	0.088	1.78E-53	MG-Home	SRC
RAMP11	5.15E-57	1.081595	0.513	0.19	1.45E-52	MG-Home	RAMP1
SLC30A1	7.33E-57	0.869655	0.336	0.092	2.06E-52	MG-Home	SLC30A1
CD276	7.37E-57	0.954393	0.45	0.155	2.07E-52	MG-Home	CD276
GPR342	1.47E-55	1.129508	0.903	0.639	4.14E-51	MG-Home	GPR34
PLK32	3.16E-55	1.03546	0.796	0.457	8.88E-51	MG-Home	PLK3
SPRED11	9.01E-55	0.942072	0.679	0.318	2.54E-50	MG-Home	SPRED1
BMPR2	8.67E-54	1.028664	0.566	0.24	2.44E-49	MG-Home	BMPR2
SLC44A21	1.89E-52	1.017372	0.487	0.19	5.32E-48	MG-Home	SLC44A2
SLC16A32	2.17E-52	1.137575	0.686	0.374	6.10E-48	MG-Home	SLC16A3
ITM2C1	2.28E-52	1.045838	0.569	0.259	6.43E-48	MG-Home	ITM2C
CSF1R	3.77E-52	0.882244	0.953	0.8	1.06E-47	MG-Home	CSF1R
FOXP2	3.53E-51	0.826354	0.374	0.112	9.94E-47	MG-Home	FOXP2
STAMBPL1	3.57E-51	0.865199	0.437	0.155	1.00E-46	MG-Home	STAMBPL1
PDPN1	5.25E-50	1.042416	0.579	0.271	1.48E-45	MG-Home	PDPN
LINC01141	3.47E-49	0.770656	0.399	0.131	9.77E-45	MG-Home	LINC01141
DDAH2	1.14E-48	0.959456	0.569	0.269	3.20E-44	MG-Home	DDAH2
SH3TC11	2.05E-48	0.942105	0.72	0.415	5.78E-44	MG-Home	SH3TC1
CDK63	6.40E-48	0.932382	0.572	0.259	1.80E-43	MG-Home	CDK6

GSTM31	8.22E-48	1.022116	0.55	0.247	2.31E-43	MG-Home	GSTM3
IRAK22	1.12E-47	0.822127	0.808	0.461	3.15E-43	MG-Home	IRAK2
OLR12	1.65E-47	0.731723	0.975	0.791	4.65E-43	MG-Home	OLR1
DDX5	2.61E-47	0.661693	0.991	0.902	7.35E-43	MG-Home	DDX5
CFBF	3.73E-47	0.934771	0.481	0.198	1.05E-42	MG-Home	CFBF
CKB2	4.63E-47	1.079147	0.717	0.395	1.30E-42	MG-Home	CKB
PTPRJ1	2.88E-46	0.736586	0.799	0.47	8.10E-42	MG-Home	PTPRJ
ST6GAL12	6.29E-46	0.810814	0.906	0.649	1.77E-41	MG-Home	ST6GAL1
CTTNBP22	1.66E-44	0.996902	0.679	0.382	4.66E-40	MG-Home	CTTNBP2
SPTLC22	2.01E-44	0.883492	0.843	0.6	5.65E-40	MG-Home	SPTLC2
BCL2L1	3.29E-44	0.983266	0.462	0.192	9.26E-40	MG-Home	BCL2L1
TNFAIP8L3	6.75E-44	1.041923	0.506	0.214	1.90E-39	MG-Home	TNFAIP8L3
MIDN1	8.68E-44	0.976152	0.613	0.314	2.44E-39	MG-Home	MIDN
NRROS1	1.45E-43	0.877425	0.415	0.159	4.09E-39	MG-Home	NRROS
PRRG4	1.48E-43	0.853908	0.409	0.154	4.16E-39	MG-Home	PRRG4
PCBP12	2.00E-43	0.892555	0.689	0.409	5.64E-39	MG-Home	PCBP1
ARRDC2	3.56E-43	1.009156	0.469	0.2	1.00E-38	MG-Home	ARRDC2
MBD4	3.92E-43	0.88017	0.513	0.226	1.10E-38	MG-Home	MBD4
ZYX4	1.43E-42	0.996395	0.708	0.445	4.03E-38	MG-Home	ZYX
GAREM1	7.66E-42	0.81167	0.478	0.2	2.15E-37	MG-Home	GAREM1
PLD31	2.35E-41	0.904157	0.629	0.347	6.62E-37	MG-Home	PLD3
NUDT3	5.13E-41	0.845088	0.717	0.449	1.44E-36	MG-Home	NUDT3
ERF	3.89E-40	0.793584	0.456	0.196	1.09E-35	MG-Home	ERF
LGMN2	5.76E-40	0.840282	0.726	0.424	1.62E-35	MG-Home	LGMN
RHOB3	6.18E-40	0.821045	0.972	0.826	1.74E-35	MG-Home	RHOB
PANX11	1.61E-39	0.839005	0.497	0.219	4.53E-35	MG-Home	PANX1
ARID5A2	4.65E-39	0.972247	0.635	0.369	1.31E-34	MG-Home	ARID5A
TWF21	8.77E-39	0.842763	0.582	0.313	2.47E-34	MG-Home	TWF2
ACTB2	1.01E-38	0.604038	0.997	0.971	2.85E-34	MG-Home	ACTB
LILRB41	1.05E-38	0.751268	0.884	0.664	2.95E-34	MG-Home	LILRB4
SLC15A2	1.61E-38	0.653017	0.358	0.127	4.52E-34	MG-Home	SLC15A2
TAL11	1.99E-38	0.93503	0.616	0.326	5.60E-34	MG-Home	TAL1
SLC1A32	4.40E-38	0.632286	0.953	0.764	1.24E-33	MG-Home	SLC1A3
TGFB1	4.45E-38	0.842483	0.846	0.674	1.25E-33	MG-Home	TGFB1
NBL1	7.24E-38	0.885171	0.412	0.172	2.04E-33	MG-Home	NBL1
LCP22	7.65E-38	0.848948	0.843	0.618	2.15E-33	MG-Home	LCP2
SGK13	9.16E-38	0.858206	0.978	0.862	2.58E-33	MG-Home	SGK1
SPP13	1.36E-37	0.934402	0.965	0.832	3.82E-33	MG-Home	SPP1
VASP1	4.79E-37	0.845223	0.5	0.245	1.35E-32	MG-Home	VASP
IL1RAP2	5.33E-37	0.735161	0.698	0.399	1.50E-32	MG-Home	IL1RAP
SERTAD11	1.49E-36	0.806433	0.657	0.372	4.20E-32	MG-Home	SERTAD1
JDP23	5.04E-36	0.814386	0.83	0.57	1.42E-31	MG-Home	JDP2
UBE2F2	7.40E-36	0.797562	0.575	0.313	2.08E-31	MG-Home	UBE2F
CDKN1A1	8.03E-36	0.872443	0.849	0.587	2.26E-31	MG-Home	CDKN1A
ACY31	1.08E-35	0.791205	0.459	0.201	3.03E-31	MG-Home	ACY3
TMIGD21	1.63E-35	0.564131	0.252	0.075	4.58E-31	MG-Home	TMIGD2
CD53	2.30E-35	0.747216	0.855	0.671	6.47E-31	MG-Home	CD53

PEA151	2.68E-35	0.827304	0.553	0.295	7.54E-31	MG-Home	PEA15
RAB1A2	3.50E-35	0.691706	0.78	0.534	9.85E-31	MG-Home	RAB1A
XIST	3.75E-35	0.632599	0.321	0.109	1.05E-30	MG-Home	XIST
SLC39A1	4.79E-35	0.898728	0.456	0.219	1.35E-30	MG-Home	SLC39A1
CLIC13	5.38E-35	0.717515	0.855	0.658	1.51E-30	MG-Home	CLIC1
SLC1A51	1.34E-34	0.83752	0.579	0.329	3.77E-30	MG-Home	SLC1A5
VASH11	1.37E-34	0.800972	0.733	0.472	3.87E-30	MG-Home	VASH1
PMEPA13	2.12E-34	0.77138	0.623	0.355	5.96E-30	MG-Home	PMEPA1
RGS13	2.30E-34	0.834537	0.959	0.841	6.48E-30	MG-Home	RGS1
SFPQ1	4.47E-34	0.702839	0.855	0.632	1.26E-29	MG-Home	SFPQ
CSF2RA3	6.59E-34	0.68706	0.896	0.676	1.86E-29	MG-Home	CSF2RA
ENPP1	1.00E-33	0.819119	0.286	0.096	2.82E-29	MG-Home	ENPP1
FHL3	1.21E-33	0.714809	0.39	0.164	3.40E-29	MG-Home	FHL3
TBC1D16	1.84E-33	0.716682	0.462	0.211	5.18E-29	MG-Home	TBC1D16
FKBP52	1.89E-33	0.641119	0.912	0.708	5.33E-29	MG-Home	FKBP5
ATP6V1B2	6.41E-33	0.853574	0.723	0.475	1.80E-28	MG-Home	ATP6V1B2
DIP2A1	6.95E-33	0.742019	0.484	0.232	1.96E-28	MG-Home	DIP2A
CDC42BPB	7.72E-33	0.644349	0.324	0.12	2.17E-28	MG-Home	CDC42BPB
RAP1A1	1.12E-32	0.705057	0.767	0.544	3.15E-28	MG-Home	RAP1A
CD631	1.69E-32	0.684525	0.855	0.655	4.74E-28	MG-Home	CD63
VDAC11	2.86E-32	0.763717	0.541	0.3	8.06E-28	MG-Home	VDAC1
SIPA1L21	3.14E-32	0.775622	0.5	0.249	8.83E-28	MG-Home	SIPA1L2
LAMP1	4.42E-32	0.676165	0.692	0.443	1.24E-27	MG-Home	LAMP1
GNAQ2	1.30E-31	0.610452	0.843	0.623	3.65E-27	MG-Home	GNAQ
AHDC1	2.04E-31	0.555706	0.255	0.082	5.75E-27	MG-Home	AHDC1
TM6SF1	2.20E-31	0.762296	0.714	0.481	6.19E-27	MG-Home	TM6SF1
AC012150.	3.31E-31	0.729142	0.412	0.183	9.30E-27	MG-Home	AC012150.1
LTC4S1	3.43E-31	0.752342	0.752	0.512	9.64E-27	MG-Home	LTC4S
SMAD7	4.91E-31	0.876124	0.481	0.242	1.38E-26	MG-Home	SMAD7
ST6GALNA3	6.51E-31	0.543158	0.843	0.556	1.83E-26	MG-Home	ST6GALNA3
GPN3	7.11E-31	0.772456	0.465	0.231	2.00E-26	MG-Home	GPN3
PLEKHO2	7.88E-31	0.718988	0.453	0.22	2.22E-26	MG-Home	PLEKHO2
WDR11	8.97E-31	0.741848	0.566	0.337	2.53E-26	MG-Home	WDR1
SIGLEC10	9.42E-31	0.795133	0.591	0.351	2.65E-26	MG-Home	SIGLEC10
PXDC1	1.59E-30	0.672732	0.333	0.132	4.47E-26	MG-Home	PXDC1
CAPZB	4.22E-30	0.567187	0.918	0.759	1.19E-25	MG-Home	CAPZB
TRIB11	6.37E-30	0.881202	0.774	0.514	1.79E-25	MG-Home	TRIB1
TPM3	6.82E-30	0.69089	0.836	0.636	1.92E-25	MG-Home	TPM3
MEF2C2	7.17E-30	0.624541	0.918	0.742	2.02E-25	MG-Home	MEF2C
LAPTM5	7.33E-30	0.525201	0.975	0.898	2.06E-25	MG-Home	LAPTM5
GSN	1.08E-29	0.648513	0.937	0.776	3.04E-25	MG-Home	GSN
SLC2A5	1.21E-29	0.728224	0.83	0.618	3.40E-25	MG-Home	SLC2A5
GNL1	1.36E-29	0.544762	0.261	0.089	3.84E-25	MG-Home	GNL1
CXCL163	1.56E-29	0.693311	0.846	0.643	4.38E-25	MG-Home	CXCL16
PLEKHO1	2.25E-29	0.769783	0.695	0.473	6.34E-25	MG-Home	PLEKHO1
FAM20C1	1.36E-28	0.690021	0.314	0.125	3.83E-24	MG-Home	FAM20C
GRASP4	4.45E-28	0.81167	0.783	0.549	1.25E-23	MG-Home	GRASP

PHC2	5.82E-28	0.77301	0.657	0.443	1.64E-23	MG-Home	PHC2
EIF13	7.33E-28	0.436868	0.994	0.924	2.06E-23	MG-Home	EIF1
C2	2.56E-27	0.658718	0.311	0.125	7.20E-23	MG-Home	C2
IL6R1	3.38E-27	0.660727	0.591	0.357	9.50E-23	MG-Home	IL6R
MYADM3	3.70E-27	0.950229	0.566	0.338	1.04E-22	MG-Home	MYADM
ID21	1.02E-26	0.671978	0.877	0.66	2.87E-22	MG-Home	ID2
RPL214	1.08E-26	0.560897	0.947	0.746	3.05E-22	MG-Home	RPL21
DAGLB3	1.22E-26	0.671394	0.67	0.432	3.44E-22	MG-Home	DAGLB
AFDN	1.25E-26	0.522093	0.252	0.088	3.53E-22	MG-Home	AFDN
SMAP23	1.36E-26	0.616243	0.921	0.769	3.82E-22	MG-Home	SMAP2
RTTN	2.06E-26	0.868247	0.327	0.136	5.79E-22	MG-Home	RTTN
FSCN11	2.50E-26	0.722086	0.654	0.415	7.02E-22	MG-Home	FSCN1
AC010378.	3.07E-26	0.544309	0.264	0.095	8.65E-22	MG-Home	AC010378.2
RHBDF21	3.42E-26	0.607559	0.827	0.653	9.62E-22	MG-Home	RHBDF2
IFNGR23	3.46E-26	0.725478	0.758	0.545	9.74E-22	MG-Home	IFNGR2
SUSD62	3.66E-26	0.713075	0.651	0.435	1.03E-21	MG-Home	SUSD6
C12orf751	4.25E-26	0.727355	0.469	0.248	1.20E-21	MG-Home	C12orf75
TICAM1	4.98E-26	0.603692	0.396	0.19	1.40E-21	MG-Home	TICAM1
KLF101	2.81E-25	0.831764	0.635	0.409	7.90E-21	MG-Home	KLF10
CD811	2.89E-25	0.46857	0.981	0.845	8.12E-21	MG-Home	CD81
ARHGAP12	3.50E-25	0.655816	0.506	0.28	9.85E-21	MG-Home	ARHGAP12
ANXA53	3.56E-25	0.630993	0.824	0.633	1.00E-20	MG-Home	ANXA5
MTSS12	3.71E-25	0.834799	0.541	0.317	1.05E-20	MG-Home	MTSS1
KDELR21	4.11E-25	0.627892	0.509	0.3	1.16E-20	MG-Home	KDELR2
LINC02642	4.65E-25	0.613354	0.396	0.183	1.31E-20	MG-Home	LINC02642
SHTN11	4.97E-25	0.620958	0.651	0.424	1.40E-20	MG-Home	SHTN1
IER5L1	7.13E-25	0.784824	0.509	0.283	2.01E-20	MG-Home	IER5L
PGK12	7.16E-25	0.592427	0.72	0.513	2.01E-20	MG-Home	PGK1
TMBIM11	9.51E-25	0.728966	0.478	0.272	2.68E-20	MG-Home	TMBIM1
PPP1R18	1.54E-24	0.712998	0.497	0.293	4.33E-20	MG-Home	PPP1R18
RGS101	1.82E-24	0.516576	0.918	0.753	5.12E-20	MG-Home	RGS10
NFKBID2	2.19E-24	0.675149	0.742	0.508	6.17E-20	MG-Home	NFKBID
SH3GL1	3.14E-24	0.659549	0.349	0.161	8.85E-20	MG-Home	SH3GL1
SLC15A41	3.18E-24	0.717589	0.453	0.242	8.94E-20	MG-Home	SLC15A4
CABIN1	4.19E-24	0.690939	0.34	0.157	1.18E-19	MG-Home	CABIN1
ZMIZ12	4.89E-24	0.676437	0.535	0.316	1.38E-19	MG-Home	ZMIZ1
EIF4A12	7.07E-24	0.524863	0.947	0.802	1.99E-19	MG-Home	EIF4A1
SELENOS3	1.06E-23	0.682946	0.465	0.261	2.99E-19	MG-Home	SELENOS
CSGALNAC	1.45E-23	0.447574	0.761	0.516	4.07E-19	MG-Home	CSGALNACT1
TNFRSF211	1.60E-23	0.651185	0.277	0.11	4.50E-19	MG-Home	TNFRSF21
PSAP2	3.21E-23	0.46515	0.965	0.895	9.02E-19	MG-Home	PSAP
RPL415	3.51E-23	0.394855	0.987	0.818	9.89E-19	MG-Home	RPL41
NCOR21	4.03E-23	0.678672	0.645	0.451	1.13E-18	MG-Home	NCOR2
NLRP35	5.00E-23	0.612017	0.748	0.52	1.41E-18	MG-Home	NLRP3
SF11	6.26E-23	0.574797	0.739	0.544	1.76E-18	MG-Home	SF1
RHEB1	7.23E-23	0.622342	0.664	0.456	2.03E-18	MG-Home	RHEB
RUNX12	1.23E-22	0.553636	0.789	0.6	3.45E-18	MG-Home	RUNX1

MAP1S	1.60E-22	0.661196	0.406	0.215	4.49E-18	MG-Homε	MAP1S
ITGAX4	1.67E-22	0.561814	0.638	0.415	4.69E-18	MG-Homε	ITGAX
WASF2	2.00E-22	0.555245	0.802	0.631	5.63E-18	MG-Homε	WASF2
PFN16	3.18E-22	0.487095	0.956	0.827	8.95E-18	MG-Homε	PFN1
KIAA1211L	3.32E-22	0.571588	0.28	0.118	9.34E-18	MG-Homε	KIAA1211L
ARHGAP61	4.46E-22	0.642449	0.525	0.306	1.26E-17	MG-Homε	ARHGAP6
UBASH3B2	4.86E-22	0.581871	0.403	0.203	1.37E-17	MG-Homε	UBASH3B
PDE3B2	5.25E-22	0.558779	0.664	0.439	1.48E-17	MG-Homε	PDE3B
DLGAP4	5.72E-22	0.591222	0.314	0.142	1.61E-17	MG-Homε	DLGAP4
HMGA12	6.57E-22	0.707831	0.412	0.222	1.85E-17	MG-Homε	HMGA1
SLCO2B12	6.84E-22	0.627453	0.739	0.546	1.92E-17	MG-Homε	SLCO2B1
BCOR	6.90E-22	0.571645	0.267	0.11	1.94E-17	MG-Homε	BCOR
CEP1701	7.63E-22	0.624728	0.66	0.459	2.15E-17	MG-Homε	CEP170
LHFPL21	7.71E-22	0.494771	0.846	0.641	2.17E-17	MG-Homε	LHFPL2
RHOC2	8.68E-22	0.673783	0.447	0.255	2.44E-17	MG-Homε	RHOC
RASSF8	1.50E-21	0.542444	0.305	0.133	4.22E-17	MG-Homε	RASSF8
FMNL31	1.59E-21	0.55933	0.642	0.439	4.46E-17	MG-Homε	FMNL3
TTYH31	1.91E-21	0.656498	0.472	0.273	5.38E-17	MG-Homε	TTYH3
ARHGDI1	2.22E-21	0.562168	0.607	0.408	6.24E-17	MG-Homε	ARHGDI1
PDK42	2.51E-21	0.77621	0.799	0.612	7.05E-17	MG-Homε	PDK4
EBI3	3.45E-21	0.672891	0.472	0.277	9.70E-17	MG-Homε	EBI3
EML41	4.29E-21	0.587033	0.604	0.407	1.21E-16	MG-Homε	EML4
PRNP1	4.44E-21	0.601802	0.535	0.336	1.25E-16	MG-Homε	PRNP
JUND3	4.66E-21	0.482486	0.969	0.8	1.31E-16	MG-Homε	JUND
GAL3ST4	5.17E-21	0.614465	0.45	0.255	1.45E-16	MG-Homε	GAL3ST4
BCAR3	5.22E-21	0.541892	0.343	0.163	1.47E-16	MG-Homε	BCAR3
SLC25A25	7.63E-21	0.565612	0.355	0.177	2.15E-16	MG-Homε	SLC25A25
CHSY12	7.97E-21	0.614009	0.553	0.341	2.24E-16	MG-Homε	CHSY1
ARPC23	8.03E-21	0.472138	0.84	0.637	2.26E-16	MG-Homε	ARPC2
OLFML31	8.59E-21	0.760175	0.604	0.416	2.42E-16	MG-Homε	OLFML3
TMBIM61	1.38E-20	0.528131	0.824	0.655	3.89E-16	MG-Homε	TMBIM6
PEAK13	2.20E-20	0.546076	0.708	0.499	6.19E-16	MG-Homε	PEAK1
CAP11	3.45E-20	0.504775	0.745	0.558	9.71E-16	MG-Homε	CAP1
KIF21B	3.80E-20	0.603116	0.28	0.123	1.07E-15	MG-Homε	KIF21B
GABARAPL1	4.67E-20	0.648679	0.607	0.432	1.31E-15	MG-Homε	GABARAPL2
PPP2CA	5.56E-20	0.525748	0.541	0.362	1.56E-15	MG-Homε	PPP2CA
ANKH	5.75E-20	0.456876	0.327	0.151	1.62E-15	MG-Homε	ANKH
B3GNT51	5.98E-20	0.551302	0.83	0.625	1.68E-15	MG-Homε	B3GNT5
SGMS1	6.76E-20	0.522634	0.355	0.178	1.90E-15	MG-Homε	SGMS1
ARRB2	1.27E-19	0.518122	0.796	0.615	3.58E-15	MG-Homε	ARRB2
RNASET21	1.30E-19	0.414675	0.972	0.901	3.66E-15	MG-Homε	RNASET2
LIMS13	2.45E-19	0.453977	0.852	0.689	6.90E-15	MG-Homε	LIMS1
CCL4L22	2.56E-19	0.656418	0.943	0.786	7.20E-15	MG-Homε	CCL4L2
DDX39A	3.43E-19	0.548811	0.497	0.308	9.64E-15	MG-Homε	DDX39A
ATP6V0B	3.87E-19	0.461674	0.833	0.657	1.09E-14	MG-Homε	ATP6V0B
GNB4	4.46E-19	0.509512	0.66	0.46	1.25E-14	MG-Homε	GNB4
RAN2	5.92E-19	0.522999	0.638	0.458	1.66E-14	MG-Homε	RAN

PTMS1	6.02E-19	0.577917	0.431	0.248	1.70E-14	MG-Home	PTMS
CSTB3	8.33E-19	0.529424	0.616	0.42	2.34E-14	MG-Home	CSTB
ABI11	9.79E-19	0.563513	0.588	0.408	2.76E-14	MG-Home	ABI1
PIH1D1	1.03E-18	0.573668	0.443	0.268	2.89E-14	MG-Home	PIH1D1
KLHL5	1.13E-18	0.624672	0.494	0.31	3.19E-14	MG-Home	KLHL5
CD683	1.46E-18	0.485476	0.852	0.706	4.11E-14	MG-Home	CD68
GNB22	1.47E-18	0.557202	0.623	0.459	4.14E-14	MG-Home	GNB2
AC046195.	2.35E-18	0.611535	0.475	0.275	6.61E-14	MG-Home	AC046195.1
CTSB2	2.45E-18	0.39599	0.972	0.918	6.90E-14	MG-Home	CTSB
ABI2	2.50E-18	0.497345	0.264	0.118	7.03E-14	MG-Home	ABI2
CDK2AP1	3.25E-18	0.694393	0.544	0.38	9.13E-14	MG-Home	CDK2AP1
HNRNPK	3.39E-18	0.509467	0.767	0.592	9.54E-14	MG-Home	HNRNPK
RASA31	3.50E-18	0.495064	0.569	0.376	9.84E-14	MG-Home	RASA3
OTUD12	4.25E-18	0.511988	0.799	0.563	1.20E-13	MG-Home	OTUD1
USP221	4.80E-18	0.539251	0.453	0.272	1.35E-13	MG-Home	USP22
ARHGEF40	4.85E-18	0.694189	0.371	0.205	1.37E-13	MG-Home	ARHGEF40
CRK	6.00E-18	0.443497	0.336	0.171	1.69E-13	MG-Home	CRK
SETD3	7.26E-18	0.557742	0.336	0.177	2.04E-13	MG-Home	SETD3
CEBPB1	7.57E-18	0.557902	0.877	0.697	2.13E-13	MG-Home	CEBPB
LINC02712	1.01E-17	0.56692	0.418	0.235	2.83E-13	MG-Home	LINC02712
RAC11	1.21E-17	0.422813	0.937	0.826	3.41E-13	MG-Home	RAC1
FAM53B2	1.36E-17	0.501034	0.459	0.279	3.83E-13	MG-Home	FAM53B
CD84	1.44E-17	0.577009	0.579	0.404	4.06E-13	MG-Home	CD84
ERCC11	2.29E-17	0.556393	0.739	0.582	6.45E-13	MG-Home	ERCC1
ARMCX3	2.81E-17	0.568065	0.387	0.223	7.91E-13	MG-Home	ARMCX3
MIOS	3.07E-17	0.470806	0.362	0.195	8.64E-13	MG-Home	MIOS
ZBTB7A	3.19E-17	0.541687	0.34	0.183	8.98E-13	MG-Home	ZBTB7A
SMURF1	3.63E-17	0.477515	0.346	0.18	1.02E-12	MG-Home	SMURF1
RBM8A	3.74E-17	0.498183	0.55	0.377	1.05E-12	MG-Home	RBM8A
ORMDL2	3.76E-17	0.551061	0.292	0.147	1.06E-12	MG-Home	ORMDL2
ODC12	7.35E-17	0.506052	0.472	0.287	2.07E-12	MG-Home	ODC1
PPARG	8.06E-17	0.512223	0.314	0.155	2.27E-12	MG-Home	PPARG
EHD4	8.09E-17	0.571585	0.358	0.198	2.28E-12	MG-Home	EHD4
SON	8.20E-17	0.47572	0.84	0.703	2.31E-12	MG-Home	SON
JAZF12	9.20E-17	0.51187	0.679	0.507	2.59E-12	MG-Home	JAZF1
HIVEP31	9.49E-17	0.54866	0.469	0.287	2.67E-12	MG-Home	HIVEP3
RPN11	1.07E-16	0.492379	0.538	0.368	3.02E-12	MG-Home	RPN1
ARF11	1.12E-16	0.474447	0.698	0.542	3.16E-12	MG-Home	ARF1
MAPKAPK2	1.15E-16	0.522514	0.443	0.273	3.25E-12	MG-Home	MAPKAPK2
ADRM1	1.25E-16	0.513226	0.415	0.253	3.51E-12	MG-Home	ADRM1
KPNA4	1.41E-16	0.50186	0.45	0.278	3.97E-12	MG-Home	KPNA4
KLF22	1.68E-16	0.772045	0.849	0.718	4.73E-12	MG-Home	KLF2
GPRIN31	1.68E-16	0.6654	0.428	0.262	4.73E-12	MG-Home	GPRIN3
TLN22	1.90E-16	0.500437	0.412	0.237	5.34E-12	MG-Home	TLN2
RNF122	2.05E-16	0.499154	0.343	0.182	5.76E-12	MG-Home	RNF122
CAMSAP1	2.32E-16	0.496375	0.264	0.123	6.53E-12	MG-Home	CAMSAP1
FEZ21	2.75E-16	0.507831	0.475	0.303	7.72E-12	MG-Home	FEZ2

MYL64	4.02E-16	0.478927	0.903	0.772	1.13E-11	MG-Home	MYL6
INKA1	4.40E-16	0.46958	0.261	0.122	1.24E-11	MG-Home	INKA1
NFIC1	4.50E-16	0.611858	0.553	0.399	1.26E-11	MG-Home	NFIC
CSRNP11	4.70E-16	0.631327	0.66	0.475	1.32E-11	MG-Home	CSRNP1
HNRNPDL	5.74E-16	0.444402	0.849	0.698	1.61E-11	MG-Home	HNRNPDL
ADAMTSL2	6.17E-16	0.508403	0.27	0.13	1.74E-11	MG-Home	ADAMTSL2
LYL1	7.06E-16	0.573744	0.425	0.27	1.99E-11	MG-Home	LYL1
MAP3K11	8.93E-16	0.467901	0.318	0.169	2.51E-11	MG-Home	MAP3K11
EFHD22	9.37E-16	0.489805	0.531	0.366	2.64E-11	MG-Home	EFHD2
RIN21	9.39E-16	0.468142	0.651	0.478	2.64E-11	MG-Home	RIN2
LPAR1	9.74E-16	0.497822	0.381	0.214	2.74E-11	MG-Home	LPAR1
ATP6AP11	1.06E-15	0.535045	0.607	0.443	2.99E-11	MG-Home	ATP6AP1
RASGEF1C2	1.44E-15	0.433627	0.481	0.296	4.06E-11	MG-Home	RASGEF1C
FCGRT2	1.51E-15	0.42994	0.858	0.709	4.24E-11	MG-Home	FCGRT
UST1	1.54E-15	0.539141	0.352	0.191	4.34E-11	MG-Home	UST
NEDD92	1.55E-15	0.45547	0.73	0.516	4.36E-11	MG-Home	NEDD9
SYNDIG12	1.57E-15	0.502593	0.623	0.426	4.42E-11	MG-Home	SYNDIG1
DDX3X1	1.83E-15	0.467373	0.676	0.514	5.15E-11	MG-Home	DDX3X
EGR31	1.91E-15	0.519379	0.654	0.458	5.39E-11	MG-Home	EGR3
MFSD121	2.17E-15	0.581456	0.421	0.267	6.11E-11	MG-Home	MFSD12
ACTR3	2.54E-15	0.487352	0.623	0.472	7.15E-11	MG-Home	ACTR3
MT-ATP63	2.65E-15	0.354255	0.95	0.857	7.47E-11	MG-Home	MT-ATP6
COPB1	3.25E-15	0.461227	0.403	0.245	9.14E-11	MG-Home	COPB1
TBXAS13	3.37E-15	0.349889	0.865	0.718	9.49E-11	MG-Home	TBXAS1
SKIL2	5.26E-15	0.414636	0.846	0.674	1.48E-10	MG-Home	SKIL
PRXL2C1	6.27E-15	0.575198	0.399	0.246	1.76E-10	MG-Home	PRXL2C
CDV31	7.50E-15	0.471568	0.553	0.397	2.11E-10	MG-Home	CDV3
EGLN2	8.33E-15	0.434748	0.261	0.128	2.34E-10	MG-Home	EGLN2
UBE2J11	8.52E-15	0.484317	0.431	0.273	2.40E-10	MG-Home	UBE2J1
VAPA1	9.95E-15	0.496877	0.642	0.488	2.80E-10	MG-Home	VAPA
UBE2N	1.11E-14	0.514598	0.431	0.281	3.11E-10	MG-Home	UBE2N
NFATC12	1.25E-14	0.485374	0.415	0.248	3.53E-10	MG-Home	NFATC1
GAA	2.54E-14	0.424713	0.591	0.425	7.14E-10	MG-Home	GAA
SPRY12	2.81E-14	0.678046	0.421	0.252	7.91E-10	MG-Home	SPRY1
PRKCH4	2.99E-14	0.316514	0.786	0.595	8.42E-10	MG-Home	PRKCH
SLC3A22	3.00E-14	0.575809	0.535	0.382	8.43E-10	MG-Home	SLC3A2
CMTM6	3.44E-14	0.428395	0.654	0.503	9.67E-10	MG-Home	CMTM6
PALD12	4.71E-14	0.33802	0.723	0.554	1.33E-09	MG-Home	PALD1
YBX14	7.33E-14	0.358807	0.786	0.667	2.06E-09	MG-Home	YBX1
CSNK1E1	9.61E-14	0.424327	0.252	0.126	2.70E-09	MG-Home	CSNK1E
TNFRSF10C	1.24E-13	0.445979	0.296	0.156	3.48E-09	MG-Home	TNFRSF10C
KLF63	1.37E-13	0.433915	0.975	0.896	3.87E-09	MG-Home	KLF6
SH3GLB11	1.39E-13	0.46354	0.403	0.255	3.92E-09	MG-Home	SH3GLB1
GPCPD13	1.69E-13	0.404617	0.553	0.392	4.77E-09	MG-Home	GPCPD1
KMT5A	1.87E-13	0.438582	0.255	0.128	5.26E-09	MG-Home	KMT5A
HOMER31	1.88E-13	0.467814	0.289	0.156	5.29E-09	MG-Home	HOMER3
LIPA2	1.92E-13	0.433316	0.487	0.334	5.40E-09	MG-Home	LIPA

ITGA51	2.23E-13	0.599949	0.311	0.174	6.26E-09	MG-Home	ITGA5
USP41	2.35E-13	0.468565	0.519	0.372	6.61E-09	MG-Home	USP4
CALR3	2.71E-13	0.41749	0.72	0.567	7.63E-09	MG-Home	CALR
VPS37B	3.02E-13	0.426162	0.431	0.278	8.49E-09	MG-Home	VPS37B
IL17RA1	3.06E-13	0.459114	0.557	0.403	8.61E-09	MG-Home	IL17RA
PIM33	3.09E-13	0.488496	0.274	0.143	8.69E-09	MG-Home	PIM3
HNRNPF	3.50E-13	0.486178	0.585	0.456	9.85E-09	MG-Home	HNRNPF
SH2B34	4.23E-13	0.446731	0.525	0.369	1.19E-08	MG-Home	SH2B3
BCL23	4.29E-13	0.437513	0.528	0.362	1.21E-08	MG-Home	BCL2
SGTA	4.75E-13	0.38955	0.258	0.133	1.34E-08	MG-Home	SGTA
FUS1	5.02E-13	0.320942	0.767	0.612	1.41E-08	MG-Home	FUS
SLC25A32	5.14E-13	0.477595	0.321	0.185	1.45E-08	MG-Home	SLC25A32
SIGLEC8	6.01E-13	0.514415	0.403	0.255	1.69E-08	MG-Home	SIGLEC8
GATM	6.68E-13	0.458412	0.428	0.278	1.88E-08	MG-Home	GATM
PIEZO1	6.70E-13	0.4536	0.333	0.194	1.88E-08	MG-Home	PIEZO1
PNP1	6.81E-13	0.659684	0.437	0.292	1.92E-08	MG-Home	PNP
TSC22D32	7.93E-13	0.533348	0.83	0.718	2.23E-08	MG-Home	TSC22D3
CD834	7.97E-13	0.274093	0.997	0.912	2.24E-08	MG-Home	CD83
EIF4E3	8.28E-13	0.431383	0.623	0.434	2.33E-08	MG-Home	EIF4E
REST	1.02E-12	0.445918	0.28	0.153	2.88E-08	MG-Home	REST
GABARAPL	1.04E-12	0.538503	0.465	0.318	2.94E-08	MG-Home	GABARAPL1
CASS4	1.12E-12	0.562494	0.374	0.232	3.15E-08	MG-Home	CASS4
LRRK12	1.14E-12	0.422128	0.494	0.338	3.20E-08	MG-Home	LRRK1
BCAP312	1.18E-12	0.409675	0.594	0.454	3.32E-08	MG-Home	BCAP31
CTTNBP2NI	1.20E-12	0.430924	0.522	0.372	3.37E-08	MG-Home	CTTNBP2NL
DDX39B	1.27E-12	0.414282	0.528	0.381	3.56E-08	MG-Home	DDX39B
SKI1	1.29E-12	0.257488	0.553	0.378	3.64E-08	MG-Home	SKI
CRTC2	1.37E-12	0.433065	0.27	0.145	3.84E-08	MG-Home	CRTC2
SUN2	1.38E-12	0.523735	0.289	0.165	3.89E-08	MG-Home	SUN2
CSNK1D	1.43E-12	0.456826	0.487	0.347	4.02E-08	MG-Home	CSNK1D
C5orf15	1.46E-12	0.422593	0.277	0.152	4.10E-08	MG-Home	C5orf15
HNRNPM	1.55E-12	0.483551	0.491	0.363	4.36E-08	MG-Home	HNRNPM
TMOD1	1.64E-12	0.389513	0.299	0.164	4.62E-08	MG-Home	TMOD1
FGD22	1.68E-12	0.455508	0.428	0.281	4.74E-08	MG-Home	FGD2
CEP681	1.79E-12	0.483029	0.371	0.227	5.04E-08	MG-Home	CEP68
RAPGEF61	2.10E-12	0.49036	0.437	0.292	5.90E-08	MG-Home	RAPGEF6
RELA	2.13E-12	0.394266	0.292	0.166	6.01E-08	MG-Home	RELA
AL139807.1	2.65E-12	0.561759	0.358	0.22	7.45E-08	MG-Home	AL139807.1
TP53I11	2.85E-12	0.436257	0.289	0.16	8.02E-08	MG-Home	TP53I11
AC079015.1	3.10E-12	0.50614	0.308	0.175	8.71E-08	MG-Home	AC079015.1
BCL7B	3.56E-12	0.464569	0.333	0.205	1.00E-07	MG-Home	BCL7B
OFD11	4.27E-12	0.565582	0.368	0.234	1.20E-07	MG-Home	OFD1
GDI21	4.44E-12	0.3499	0.619	0.474	1.25E-07	MG-Home	GDI2
B4GALT4	4.61E-12	0.418421	0.267	0.144	1.30E-07	MG-Home	B4GALT4
FYTTD11	4.72E-12	0.493293	0.305	0.179	1.33E-07	MG-Home	FYTTD1
CTBP22	5.35E-12	0.354547	0.384	0.239	1.51E-07	MG-Home	CTBP2
XBP12	5.70E-12	0.470344	0.638	0.493	1.60E-07	MG-Home	XBP1

CD1641	6.46E-12	0.389405	0.563	0.424	1.82E-07	MG-Home	CD164
MEF2A3	6.92E-12	0.288169	0.909	0.785	1.95E-07	MG-Home	MEF2A
ZSWIM62	7.27E-12	0.313442	0.767	0.619	2.05E-07	MG-Home	ZSWIM6
NECTIN21	9.80E-12	0.474197	0.261	0.142	2.76E-07	MG-Home	NECTIN2
DGKA	9.89E-12	0.464177	0.283	0.16	2.78E-07	MG-Home	DGKA
TMPO	9.90E-12	0.389767	0.365	0.224	2.79E-07	MG-Home	TMPO
TRAK11	1.19E-11	0.435573	0.346	0.212	3.36E-07	MG-Home	TRAK1
TMEM1191	1.28E-11	0.37646	0.553	0.395	3.60E-07	MG-Home	TMEM119
CREG11	1.39E-11	0.446157	0.594	0.458	3.92E-07	MG-Home	CREG1
ARRDC31	1.44E-11	0.495545	0.305	0.177	4.04E-07	MG-Home	ARRDC3
PITPNA1	1.70E-11	0.370695	0.333	0.201	4.79E-07	MG-Home	PITPNA
PER12	2.01E-11	0.308776	0.733	0.571	5.66E-07	MG-Home	PER1
GNB11	2.40E-11	0.335965	0.61	0.481	6.76E-07	MG-Home	GNB1
TMX1	2.71E-11	0.347267	0.399	0.265	7.62E-07	MG-Home	TMX1
MCL11	3.20E-11	0.348889	0.959	0.82	9.00E-07	MG-Home	MCL1
KDM6B1	3.24E-11	0.361549	0.745	0.548	9.12E-07	MG-Home	KDM6B
HLA-E1	3.33E-11	0.320829	0.953	0.831	9.37E-07	MG-Home	HLA-E
MAPK1IP11	3.48E-11	0.429147	0.437	0.305	9.80E-07	MG-Home	MAPK1IP1L
PAFAH1B11	3.59E-11	0.360953	0.525	0.393	1.01E-06	MG-Home	PAFAH1B1
SH3BP2	3.73E-11	0.412987	0.349	0.221	1.05E-06	MG-Home	SH3BP2
ETS21	4.38E-11	0.362091	0.802	0.64	1.23E-06	MG-Home	ETS2
USP12	4.67E-11	0.384156	0.274	0.153	1.31E-06	MG-Home	USP12
HMG13	4.96E-11	0.371159	0.585	0.463	1.40E-06	MG-Home	HMG1
AKT31	5.15E-11	0.376448	0.393	0.251	1.45E-06	MG-Home	AKT3
SLC20A11	5.51E-11	0.436696	0.327	0.199	1.55E-06	MG-Home	SLC20A1
DNAJB12	5.80E-11	0.391158	0.318	0.195	1.63E-06	MG-Home	DNAJB12
DOK1	6.58E-11	0.44272	0.318	0.195	1.85E-06	MG-Home	DOK1
SMAD3	7.01E-11	0.415761	0.349	0.219	1.97E-06	MG-Home	SMAD3
BZW12	7.45E-11	0.461587	0.509	0.388	2.10E-06	MG-Home	BZW1
KIAA0232	8.62E-11	0.384381	0.277	0.158	2.43E-06	MG-Home	KIAA0232
AKIRIN1	9.47E-11	0.478695	0.324	0.204	2.66E-06	MG-Home	AKIRIN1
ALAS1	1.05E-10	0.381357	0.267	0.151	2.94E-06	MG-Home	ALAS1
NCOA32	1.26E-10	0.304378	0.481	0.338	3.53E-06	MG-Home	NCOA3
MERTK1	1.34E-10	0.365734	0.55	0.409	3.78E-06	MG-Home	MERTK
ELK3	1.41E-10	0.52114	0.318	0.199	3.96E-06	MG-Home	ELK3
CCR1	1.43E-10	0.506255	0.327	0.207	4.02E-06	MG-Home	CCR1
TNFRSF1A	1.44E-10	0.426487	0.478	0.35	4.05E-06	MG-Home	TNFRSF1A
SRSF21	1.45E-10	0.348689	0.67	0.532	4.09E-06	MG-Home	SRSF2
MAP4K43	1.50E-10	0.308864	0.516	0.372	4.23E-06	MG-Home	MAP4K4
PDXX2	1.58E-10	0.408736	0.462	0.338	4.44E-06	MG-Home	PDXX
RTN42	1.63E-10	0.339579	0.774	0.632	4.57E-06	MG-Home	RTN4
FMNL11	1.76E-10	0.450646	0.484	0.356	4.94E-06	MG-Home	FMNL1
CYFIP11	1.87E-10	0.33982	0.783	0.661	5.26E-06	MG-Home	CYFIP1
RNF145	2.13E-10	0.433525	0.374	0.248	5.99E-06	MG-Home	RNF145
CALM12	2.15E-10	0.362912	0.777	0.643	6.05E-06	MG-Home	CALM1
SCAMP2	2.18E-10	0.393782	0.619	0.503	6.14E-06	MG-Home	SCAMP2
IL6ST2	2.37E-10	0.383505	0.657	0.514	6.67E-06	MG-Home	IL6ST

APBB1IP2	2.50E-10	0.308274	0.903	0.777	7.04E-06	MG-Home	APBB1IP
ARHGAP31	2.92E-10	0.431214	0.33	0.212	8.21E-06	MG-Home	ARHGAP31
MED13L3	3.11E-10	0.254587	0.626	0.48	8.76E-06	MG-Home	MED13L
LCP14	3.49E-10	0.377189	0.569	0.437	9.81E-06	MG-Home	LCP1
CDC371	3.74E-10	0.350353	0.563	0.444	1.05E-05	MG-Home	CDC37
ARGLU11	4.25E-10	0.318606	0.601	0.477	1.20E-05	MG-Home	ARGLU1
CDC42SE11	4.29E-10	0.36388	0.513	0.387	1.21E-05	MG-Home	CDC42SE1
YWHAE	4.49E-10	0.388412	0.582	0.466	1.26E-05	MG-Home	YWHAE
GLIPR11	4.49E-10	0.367959	0.613	0.486	1.26E-05	MG-Home	GLIPR1
HAVCR21	5.20E-10	0.35388	0.704	0.569	1.46E-05	MG-Home	HAVCR2
KPNB1	5.22E-10	0.36982	0.431	0.309	1.47E-05	MG-Home	KPNB1
JUNB2	5.89E-10	0.416124	0.969	0.888	1.66E-05	MG-Home	JUNB
CCL22	5.98E-10	0.419919	0.519	0.338	1.68E-05	MG-Home	CCL2
ARL6IP12	6.02E-10	0.349437	0.714	0.588	1.69E-05	MG-Home	ARL6IP1
DEGS1	6.56E-10	0.360061	0.434	0.311	1.85E-05	MG-Home	DEGS1
SIRPA1	6.74E-10	0.382315	0.418	0.294	1.90E-05	MG-Home	SIRPA
ITGB5	7.81E-10	0.36962	0.258	0.146	2.20E-05	MG-Home	ITGB5
EIF4G21	8.12E-10	0.301039	0.635	0.512	2.29E-05	MG-Home	EIF4G2
RASSF1	8.92E-10	0.386697	0.252	0.144	2.51E-05	MG-Home	RASSF1
INPPL1	9.27E-10	0.378053	0.261	0.153	2.61E-05	MG-Home	INPPL1
TNFRSF1B1	9.42E-10	0.334588	0.66	0.522	2.65E-05	MG-Home	TNFRSF1B
RRP7A	9.94E-10	0.346666	0.289	0.175	2.80E-05	MG-Home	RRP7A
MAST3	1.03E-09	0.432545	0.289	0.177	2.89E-05	MG-Home	MAST3
EIF3A	1.11E-09	0.350653	0.494	0.374	3.13E-05	MG-Home	EIF3A
ILKAP	1.25E-09	0.339916	0.264	0.154	3.51E-05	MG-Home	ILKAP
ITGAM	1.32E-09	0.373598	0.387	0.267	3.71E-05	MG-Home	ITGAM
PTTG1IP1	1.35E-09	0.364064	0.509	0.387	3.79E-05	MG-Home	PTTG1IP
AL078590.	1.38E-09	0.352445	0.601	0.44	3.88E-05	MG-Home	AL078590.2
FPR11	1.48E-09	0.386818	0.752	0.629	4.15E-05	MG-Home	FPR1
CX3CR13	1.70E-09	0.369996	0.711	0.573	4.77E-05	MG-Home	CX3CR1
PDIA31	1.71E-09	0.269414	0.67	0.545	4.81E-05	MG-Home	PDIA3
TIMP2	1.72E-09	0.380758	0.569	0.461	4.85E-05	MG-Home	TIMP2
POGZ	1.77E-09	0.369495	0.336	0.221	4.99E-05	MG-Home	POGZ
SLC25A63	1.78E-09	0.345507	0.792	0.656	5.02E-05	MG-Home	SLC25A6
ORMDL1	1.82E-09	0.453953	0.443	0.334	5.12E-05	MG-Home	ORMDL1
SSBP4	1.86E-09	0.428985	0.299	0.191	5.22E-05	MG-Home	SSBP4
ARHGEF72	1.87E-09	0.396397	0.428	0.302	5.27E-05	MG-Home	ARHGEF7
CYTH31	2.15E-09	0.348073	0.34	0.215	6.05E-05	MG-Home	CYTH3
PRRC2A	2.25E-09	0.316212	0.355	0.237	6.33E-05	MG-Home	PRRC2A
LINC01480	2.31E-09	0.43653	0.255	0.146	6.50E-05	MG-Home	LINC01480
KLF72	2.65E-09	0.322209	0.465	0.332	7.45E-05	MG-Home	KLF7
RABEP1	2.73E-09	0.336175	0.346	0.227	7.68E-05	MG-Home	RABEP1
CPSF6	2.97E-09	0.327858	0.343	0.226	8.34E-05	MG-Home	CPSF6
TRIM28	3.44E-09	0.388347	0.343	0.23	9.68E-05	MG-Home	TRIM28
NEK6	3.56E-09	0.374711	0.261	0.155	0.0001	MG-Home	NEK6
ARL8A1	3.61E-09	0.413387	0.302	0.195	0.000102	MG-Home	ARL8A
GPR137B	3.84E-09	0.352177	0.28	0.169	0.000108	MG-Home	GPR137B

SELPLG1	3.87E-09	0.327689	0.73	0.591	0.000109	MG-Home	SELPLG
LUZP1	4.26E-09	0.3747	0.28	0.171	0.00012	MG-Home	LUZP1
CEBPD2	4.53E-09	0.348782	0.943	0.871	0.000127	MG-Home	CEBPD
TMED52	4.93E-09	0.333445	0.465	0.345	0.000139	MG-Home	TMED5
CHD71	5.32E-09	0.2899	0.443	0.314	0.00015	MG-Home	CHD7
PAG12	5.53E-09	0.35657	0.563	0.436	0.000156	MG-Home	PAG1
SAT2	5.61E-09	0.476532	0.434	0.328	0.000158	MG-Home	SAT2
MGST31	5.81E-09	0.397338	0.497	0.386	0.000163	MG-Home	MGST3
OS9	6.42E-09	0.328745	0.538	0.428	0.000181	MG-Home	OS9
HNRNPA12	6.57E-09	0.288881	0.811	0.671	0.000185	MG-Home	HNRNPA1
HNRNPA3	6.72E-09	0.334508	0.642	0.553	0.000189	MG-Home	HNRNPA3
SMG12	7.24E-09	0.356811	0.368	0.252	0.000204	MG-Home	SMG1
PSMA11	7.61E-09	0.353677	0.566	0.459	0.000214	MG-Home	PSMA1
ASAP13	7.63E-09	0.369641	0.336	0.222	0.000215	MG-Home	ASAP1
RNH12	8.04E-09	0.413162	0.44	0.34	0.000226	MG-Home	RNH1
ATP6VOC3	9.42E-09	0.288145	0.814	0.695	0.000265	MG-Home	ATP6VOC
ZMYND11	9.63E-09	0.376148	0.296	0.187	0.000271	MG-Home	ZMYND11
BCAT12	1.14E-08	0.374616	0.267	0.162	0.000322	MG-Home	BCAT1
LASP1	1.34E-08	0.408352	0.314	0.208	0.000376	MG-Home	LASP1
SPNS2	1.41E-08	0.39131	0.277	0.173	0.000396	MG-Home	SPNS2
ALDOA4	1.42E-08	0.269167	0.582	0.457	0.0004	MG-Home	ALDOA
ABCC41	1.59E-08	0.313869	0.604	0.477	0.000447	MG-Home	ABCC4
FAM133B	1.88E-08	0.434074	0.355	0.25	0.000529	MG-Home	FAM133B
SRSF32	2.10E-08	0.33265	0.664	0.54	0.000591	MG-Home	SRSF3
BAIAP21	2.13E-08	0.361088	0.324	0.215	0.000599	MG-Home	BAIAP2
RPN2	2.17E-08	0.338359	0.569	0.459	0.000611	MG-Home	RPN2
PGM2	2.18E-08	0.377643	0.264	0.166	0.000613	MG-Home	PGM2
SPIN1	2.27E-08	0.321291	0.274	0.17	0.000638	MG-Home	SPIN1
TP53I131	2.31E-08	0.373683	0.308	0.204	0.00065	MG-Home	TP53I13
YWHAG	2.37E-08	0.396633	0.336	0.229	0.000668	MG-Home	YWHAG
NFE2L23	2.57E-08	0.25021	0.579	0.458	0.000723	MG-Home	NFE2L2
NIPA2	2.59E-08	0.30184	0.277	0.173	0.000729	MG-Home	NIPA2
MYL12B4	2.62E-08	0.326095	0.657	0.558	0.000737	MG-Home	MYL12B
MAGED2	2.68E-08	0.413354	0.299	0.197	0.000754	MG-Home	MAGED2
DUSP12	2.80E-08	0.35365	0.978	0.943	0.000789	MG-Home	DUSP1
RGL2	3.11E-08	0.382143	0.252	0.156	0.000874	MG-Home	RGL2
WDR911	3.22E-08	0.324093	0.39	0.274	0.000907	MG-Home	WDR91
AFTPH	3.42E-08	0.356925	0.34	0.232	0.000963	MG-Home	AFTPH
MCF2L3	3.46E-08	0.3595	0.406	0.289	0.000972	MG-Home	MCF2L
GDI1	3.46E-08	0.35325	0.358	0.252	0.000974	MG-Home	GDI1
PPP4C1	3.76E-08	0.363556	0.399	0.298	0.001059	MG-Home	PPP4C
LMO2	3.81E-08	0.349166	0.428	0.318	0.001072	MG-Home	LMO2
OTULINL	3.88E-08	0.361938	0.538	0.43	0.001091	MG-Home	OTULINL
NDRG2	3.90E-08	0.402451	0.314	0.212	0.001098	MG-Home	NDRG2
RBM32	4.00E-08	0.369825	0.579	0.478	0.001125	MG-Home	RBM3
KDM2B	4.01E-08	0.405814	0.28	0.18	0.001129	MG-Home	KDM2B
RYR12	4.02E-08	0.370617	0.365	0.252	0.001131	MG-Home	RYR1

BSG	4.10E-08	0.356664	0.456	0.353	0.001152	MG-Home	BSG
YWHAZ2	4.90E-08	0.254946	0.704	0.596	0.001378	MG-Home	YWHAZ
PRKAB1	4.92E-08	0.338253	0.321	0.214	0.001383	MG-Home	PRKAB1
CLDND1	5.04E-08	0.346379	0.258	0.162	0.001418	MG-Home	CLDND1
TM9SF31	5.36E-08	0.294189	0.415	0.305	0.001508	MG-Home	TM9SF3
EWSR1	6.02E-08	0.279405	0.528	0.431	0.001693	MG-Home	EWSR1
NDFIP1	6.34E-08	0.314809	0.481	0.379	0.001783	MG-Home	NDFIP1
NOL7	6.65E-08	0.354255	0.459	0.357	0.001872	MG-Home	NOL7
GAS61	7.05E-08	0.377976	0.371	0.267	0.001985	MG-Home	GAS6
PTGS1	7.07E-08	0.406009	0.365	0.268	0.001988	MG-Home	PTGS1
KLF3	7.37E-08	0.427887	0.374	0.273	0.002073	MG-Home	KLF3
ATP6V1F2	7.49E-08	0.273663	0.645	0.52	0.002109	MG-Home	ATP6V1F
PRMT1	7.70E-08	0.310316	0.362	0.259	0.002168	MG-Home	PRMT1
USP531	7.88E-08	0.414604	0.55	0.436	0.002217	MG-Home	USP53
PSMD82	8.45E-08	0.340887	0.381	0.28	0.002379	MG-Home	PSMD8
UBQLN1	8.59E-08	0.316937	0.305	0.204	0.002418	MG-Home	UBQLN1
MAPRE1	8.60E-08	0.366991	0.355	0.258	0.00242	MG-Home	MAPRE1
AUP1	8.67E-08	0.352059	0.513	0.417	0.00244	MG-Home	AUP1
TRIP122	8.75E-08	0.320813	0.409	0.302	0.002461	MG-Home	TRIP12
EMD1	9.05E-08	0.406012	0.374	0.278	0.002547	MG-Home	EMD
DHX15	1.03E-07	0.323037	0.305	0.205	0.002892	MG-Home	DHX15
LINC00963	1.03E-07	0.349736	0.387	0.277	0.002897	MG-Home	LINC00963
EIF1B2	1.10E-07	0.380537	0.447	0.348	0.003081	MG-Home	EIF1B
ARPC4	1.12E-07	0.317188	0.475	0.379	0.003152	MG-Home	ARPC4
FERMT32	1.29E-07	0.350811	0.406	0.301	0.003621	MG-Home	FERMT3
Mar-71	1.29E-07	0.33495	0.371	0.271	0.00364	MG-Home	7-Mar
ARF62	1.34E-07	0.361704	0.406	0.307	0.003777	MG-Home	ARF6
DYNLL12	1.51E-07	0.340001	0.475	0.371	0.004235	MG-Home	DYNLL1
EIF4G1	1.70E-07	0.332851	0.343	0.245	0.004788	MG-Home	EIF4G1
ACSL33	1.84E-07	0.288999	0.365	0.261	0.005168	MG-Home	ACSL3
GSTM2	1.87E-07	0.335309	0.399	0.296	0.005264	MG-Home	GSTM2
ATF7IP2	1.93E-07	0.340515	0.274	0.176	0.005419	MG-Home	ATF7IP2
PSMA72	2.26E-07	0.330693	0.585	0.483	0.006363	MG-Home	PSMA7
BID2	2.36E-07	0.366279	0.343	0.244	0.00664	MG-Home	BID
SH3BP1	2.42E-07	0.292414	0.336	0.235	0.006817	MG-Home	SH3BP1
CYTL1	2.50E-07	0.318384	0.311	0.206	0.007046	MG-Home	CYTL1
MXD41	2.64E-07	0.324714	0.409	0.303	0.007426	MG-Home	MXD4
AHCYL1	2.91E-07	0.341146	0.324	0.228	0.008179	MG-Home	AHCYL1
E2F4	2.92E-07	0.395191	0.267	0.178	0.008212	MG-Home	E2F4
SEC62	3.02E-07	0.349271	0.503	0.411	0.008484	MG-Home	SEC62
PITPNB	3.20E-07	0.339204	0.277	0.183	0.008995	MG-Home	PITPNB
AKIRIN22	3.44E-07	0.365129	0.399	0.305	0.009692	MG-Home	AKIRIN2
CDC14B1	4.10E-07	0.282019	0.252	0.156	0.011547	MG-Home	CDC14B
EIF4H	4.12E-07	0.295941	0.465	0.372	0.011598	MG-Home	EIF4H
DAZAP1	4.34E-07	0.312383	0.277	0.186	0.012216	MG-Home	DAZAP1
MGAT4A2	4.44E-07	0.34073	0.569	0.484	0.012491	MG-Home	MGAT4A
MAGT1	4.93E-07	0.305013	0.358	0.257	0.013871	MG-Home	MAGT1

DENND4C1	5.01E-07	0.28322	0.377	0.272	0.014093	MG-Home	DENND4C
ZFP362	5.09E-07	0.429307	0.965	0.931	0.014312	MG-Home	ZFP36
FLOT11	5.13E-07	0.370053	0.506	0.42	0.014424	MG-Home	FLOT1
RNFT1	5.21E-07	0.316834	0.252	0.162	0.014672	MG-Home	RNFT1
BAG6	5.69E-07	0.314594	0.28	0.19	0.016005	MG-Home	BAG6
VPS29	5.70E-07	0.346605	0.469	0.381	0.016036	MG-Home	VPS29
RASAL21	5.73E-07	0.340571	0.45	0.354	0.016134	MG-Home	RASAL2
TSPAN3	5.93E-07	0.338728	0.418	0.328	0.016696	MG-Home	TSPAN3
TCEAL3	6.61E-07	0.391286	0.289	0.2	0.018591	MG-Home	TCEAL3
ZNF7062	7.91E-07	0.34561	0.399	0.306	0.022261	MG-Home	ZNF706
SYPL1	8.04E-07	0.350742	0.289	0.203	0.022625	MG-Home	SYPL1
ZNF800	8.60E-07	0.328666	0.299	0.208	0.024192	MG-Home	ZNF800
EIF4A32	8.96E-07	0.393987	0.494	0.392	0.025206	MG-Home	EIF4A3
PDS5A1	9.06E-07	0.266181	0.387	0.286	0.025499	MG-Home	PDS5A
RAP1B2	1.01E-06	0.272748	0.509	0.423	0.02839	MG-Home	RAP1B
GSPT11	1.04E-06	0.297198	0.368	0.273	0.029367	MG-Home	GSPT1
RER11	1.12E-06	0.383226	0.358	0.276	0.031605	MG-Home	RER1
DENND11	1.14E-06	0.305748	0.252	0.164	0.032053	MG-Home	DENND11
RGS19	1.14E-06	0.338319	0.484	0.401	0.032189	MG-Home	RGS19
TMBIM4	1.31E-06	0.287944	0.613	0.521	0.036887	MG-Home	TMBIM4
M6PR	1.48E-06	0.300891	0.434	0.348	0.041647	MG-Home	M6PR
NPTN	1.48E-06	0.286627	0.321	0.229	0.041721	MG-Home	NPTN
CGGBP1	1.50E-06	0.322361	0.311	0.22	0.042267	MG-Home	CGGBP1
HMOX12	1.71E-06	0.278543	0.667	0.546	0.048034	MG-Home	HMOX1
AC131944.	1.86E-06	0.298327	0.384	0.272	0.052329	MG-Home	AC131944.1
TMEM259	2.06E-06	0.301559	0.384	0.298	0.058082	MG-Home	TMEM259
MRC2	2.09E-06	0.454379	0.258	0.175	0.058707	MG-Home	MRC2
SPCS32	2.14E-06	0.341684	0.336	0.25	0.060308	MG-Home	SPCS3
SFT2D1	2.19E-06	0.320593	0.393	0.309	0.061563	MG-Home	SFT2D1
DPP7	2.32E-06	0.272752	0.516	0.437	0.065319	MG-Home	DPP7
UFM11	2.37E-06	0.326805	0.314	0.229	0.066807	MG-Home	UFM1
SSB	2.59E-06	0.292614	0.396	0.308	0.072833	MG-Home	SSB
MICAL11	2.65E-06	0.301445	0.377	0.29	0.074623	MG-Home	MICAL1
RCOR12	2.92E-06	0.284189	0.314	0.225	0.08205	MG-Home	RCOR1
CEP3501	3.01E-06	0.339001	0.447	0.367	0.084762	MG-Home	CEP350
PUF60	3.27E-06	0.343769	0.318	0.238	0.092079	MG-Home	PUF60
VSIG41	3.27E-06	0.288683	0.629	0.533	0.092125	MG-Home	VSIG4
WBP2	3.38E-06	0.311585	0.355	0.272	0.095231	MG-Home	WBP2
RBMX1	3.39E-06	0.277615	0.509	0.418	0.09533	MG-Home	RBMX
TOR1AIP1	3.56E-06	0.309604	0.308	0.222	0.100203	MG-Home	TOR1AIP1
ZNF2672	3.57E-06	0.29385	0.434	0.338	0.100484	MG-Home	ZNF267
IST11	3.65E-06	0.253381	0.343	0.252	0.10273	MG-Home	IST1
BTBD1	4.00E-06	0.27151	0.318	0.226	0.112526	MG-Home	BTBD1
TMEM9B1	4.12E-06	0.322875	0.352	0.27	0.115946	MG-Home	TMEM9B
SEC14L1	4.12E-06	0.334647	0.465	0.372	0.11604	MG-Home	SEC14L1
BTG31	4.21E-06	0.327143	0.349	0.258	0.118507	MG-Home	BTG3
EIF1AX	4.60E-06	0.357998	0.396	0.314	0.129326	MG-Home	EIF1AX

DDOST1	4.62E-06	0.278177	0.437	0.357	0.130026	MG-Home	DDOST
CBX3	4.65E-06	0.288124	0.355	0.266	0.130845	MG-Home	CBX3
MYDGF1	4.78E-06	0.272552	0.453	0.363	0.134622	MG-Home	MYDGF
IVNS1ABP1	4.89E-06	0.336344	0.45	0.366	0.137532	MG-Home	IVNS1ABP
KHDRBS1	4.93E-06	0.282239	0.443	0.36	0.138793	MG-Home	KHDRBS1
KLF9	5.18E-06	0.324551	0.252	0.169	0.14584	MG-Home	KLF9
CHD9	5.72E-06	0.291497	0.553	0.475	0.160942	MG-Home	CHD9
PIP5K1B	5.88E-06	0.271521	0.261	0.173	0.165566	MG-Home	PIP5K1B
MPRIP2	5.93E-06	0.319306	0.321	0.234	0.166967	MG-Home	MPRIP
TLR4	6.26E-06	0.271422	0.308	0.219	0.176249	MG-Home	TLR4
DUSP6	6.35E-06	0.341279	0.387	0.288	0.178723	MG-Home	DUSP6
PLA2G4A1	6.54E-06	0.25955	0.475	0.376	0.183887	MG-Home	PLA2G4A
MPP12	7.24E-06	0.360867	0.349	0.266	0.203718	MG-Home	MPP1
CSNK2B2	8.05E-06	0.364378	0.509	0.443	0.226635	MG-Home	CSNK2B
ILK	8.24E-06	0.292608	0.308	0.229	0.231924	MG-Home	ILK
MTCH1	8.32E-06	0.273913	0.44	0.361	0.233993	MG-Home	MTCH1
WAPL	8.46E-06	0.366346	0.346	0.268	0.238028	MG-Home	WAPL
MEF2D1	9.88E-06	0.308203	0.264	0.186	0.278053	MG-Home	MEF2D
AGO3	1.03E-05	0.32918	0.308	0.227	0.288536	MG-Home	AGO3
POMP2	1.11E-05	0.281497	0.588	0.512	0.312266	MG-Home	POMP
IPO7	1.14E-05	0.291972	0.321	0.241	0.320887	MG-Home	IPO7
LIMD2	1.18E-05	0.386211	0.418	0.336	0.332037	MG-Home	LIMD2
GOLPH3	1.21E-05	0.278356	0.305	0.223	0.341862	MG-Home	GOLPH3
IL13RA11	1.22E-05	0.289986	0.601	0.532	0.344133	MG-Home	IL13RA1
GRINA2	1.23E-05	0.305807	0.5	0.428	0.346686	MG-Home	GRINA
CCT5	1.44E-05	0.276808	0.299	0.22	0.406531	MG-Home	CCT5
SPPL2A	1.52E-05	0.304637	0.314	0.233	0.427462	MG-Home	SPPL2A
PANK2	1.57E-05	0.334587	0.274	0.198	0.440778	MG-Home	PANK2
HM133	1.65E-05	0.268861	0.453	0.376	0.464086	MG-Home	HM13
SDF4	1.73E-05	0.280884	0.34	0.266	0.486648	MG-Home	SDF4
UBE2I	1.79E-05	0.280783	0.355	0.28	0.502915	MG-Home	UBE2I
SNX5	1.83E-05	0.30734	0.412	0.336	0.513988	MG-Home	SNX5
NOP103	1.87E-05	0.290768	0.406	0.328	0.526607	MG-Home	NOP10
DNASE2	1.97E-05	0.278554	0.362	0.283	0.553101	MG-Home	DNASE2
ST8SIA4	1.98E-05	0.380938	0.352	0.276	0.556733	MG-Home	ST8SIA4
SMS	1.98E-05	0.301948	0.384	0.305	0.557499	MG-Home	SMS
SERINC1	2.37E-05	0.259761	0.456	0.382	0.665945	MG-Home	SERINC1
GPS2	2.52E-05	0.292956	0.336	0.261	0.709373	MG-Home	GPS2
ASXL1	2.56E-05	0.276943	0.286	0.207	0.719795	MG-Home	ASXL1
ATXN2L	2.72E-05	0.263923	0.314	0.236	0.764565	MG-Home	ATXN2L
H1F01	2.98E-05	0.349521	0.365	0.276	0.838153	MG-Home	H1F0
PRDX6	3.53E-05	0.306184	0.418	0.349	0.993327	MG-Home	PRDX6
DDX212	3.66E-05	0.254124	0.491	0.409	1	MG-Home	DDX21
EVI2A	3.89E-05	0.322932	0.384	0.311	1	MG-Home	EVI2A
SCAF4	4.28E-05	0.272479	0.264	0.191	1	MG-Home	SCAF4
USP11	4.49E-05	0.323296	0.267	0.195	1	MG-Home	USP11
AHSA11	4.70E-05	0.326058	0.28	0.206	1	MG-Home	AHSA1

PLCL22	4.85E-05	0.31833	0.321	0.245	1 MG-Home	PLCL2
MT2A3	4.95E-05	1.059978	0.459	0.388	1 MG-Home	MT2A
CYTH4	4.98E-05	0.262106	0.311	0.236	1 MG-Home	CYTH4
PARVG1	5.00E-05	0.279427	0.478	0.418	1 MG-Home	PARVG
TRAM12	5.80E-05	0.283813	0.346	0.275	1 MG-Home	TRAM1
DELE1	5.92E-05	0.366572	0.286	0.217	1 MG-Home	DELE1
CEBPA1	6.00E-05	0.364576	0.425	0.357	1 MG-Home	CEBPA
USP6NL2	6.34E-05	0.251916	0.324	0.249	1 MG-Home	USP6NL
VCP	6.80E-05	0.304365	0.459	0.395	1 MG-Home	VCP
PABPN1	7.24E-05	0.297142	0.525	0.47	1 MG-Home	PABPN1
NAGA	7.59E-05	0.274738	0.318	0.25	1 MG-Home	NAGA
EIF2S22	8.17E-05	0.261991	0.33	0.26	1 MG-Home	EIF2S2
EMP33	8.31E-05	0.441466	0.374	0.299	1 MG-Home	EMP3
MRPL14	8.38E-05	0.288016	0.264	0.196	1 MG-Home	MRPL14
PRKCB3	8.43E-05	0.264637	0.318	0.243	1 MG-Home	PRKCB
GGNBP2	8.91E-05	0.269235	0.39	0.323	1 MG-Home	GGNBP2
PFDN2	0.000106	0.319268	0.346	0.284	1 MG-Home	PFDN2
HNRNPAB	0.000117	0.298698	0.368	0.305	1 MG-Home	HNRNPAB
JMJD61	0.000118	0.352754	0.33	0.259	1 MG-Home	JMJD6
SPCS22	0.000129	0.250192	0.396	0.333	1 MG-Home	SPCS2
PPP2R2A	0.000133	0.289549	0.302	0.234	1 MG-Home	PPP2R2A
IRF2BP22	0.000135	0.350251	0.346	0.275	1 MG-Home	IRF2BP2
TMEM52B	0.000142	0.29116	0.387	0.314	1 MG-Home	TMEM52B
MAP2K32	0.000147	0.269275	0.349	0.276	1 MG-Home	MAP2K3
EHBP1L1	0.000152	0.294661	0.274	0.209	1 MG-Home	EHBP1L1
PNPLA2	0.000154	0.295182	0.399	0.342	1 MG-Home	PNPLA2
DAB22	0.000156	0.321126	0.321	0.252	1 MG-Home	DAB2
UBA2	0.000167	0.298858	0.264	0.2	1 MG-Home	UBA2
KTN1	0.000197	0.28397	0.519	0.462	1 MG-Home	KTN1
WASHC1	0.000202	0.281226	0.264	0.202	1 MG-Home	WASHC1
FLT11	0.000235	0.280618	0.258	0.185	1 MG-Home	FLT1
CCDC85B	0.000238	0.290813	0.327	0.268	1 MG-Home	CCDC85B
ABHD11	0.00027	0.281799	0.264	0.199	1 MG-Home	ABHD11
TRIM8	0.000278	0.304731	0.286	0.223	1 MG-Home	TRIM8
ACADVL1	0.000334	0.269943	0.355	0.296	1 MG-Home	ACADVL
ETNK12	0.000409	0.295872	0.358	0.3	1 MG-Home	ETNK1
VDAC21	0.000412	0.269787	0.459	0.403	1 MG-Home	VDAC2
SAFB	0.000416	0.259226	0.274	0.214	1 MG-Home	SAFB
HNRNPH3	0.000484	0.26719	0.393	0.339	1 MG-Home	HNRNPH3
ALOX51	0.000571	0.252039	0.522	0.472	1 MG-Home	ALOX5
SLTM	0.000642	0.264494	0.393	0.341	1 MG-Home	SLTM
IMP3	0.000728	0.260597	0.255	0.199	1 MG-Home	IMP3
METTL7A	0.000731	0.265895	0.387	0.33	1 MG-Home	METTL7A
PLEKHM2	0.000788	0.253103	0.299	0.245	1 MG-Home	PLEKHM2
P2RX41	0.000853	0.30473	0.318	0.259	1 MG-Home	P2RX4
MRPL54	0.00103	0.254831	0.264	0.211	1 MG-Home	MRPL54
PMS1	0.001167	0.287636	0.267	0.21	1 MG-Home	PMS1

PTBP1	0.001274	0.285532	0.296	0.246	1	MG-Home	PTBP1
CTSC	0.001808	0.265996	0.638	0.591	1	MG-Home	CTSC
NORAD	0.002524	0.271722	0.274	0.226	1	MG-Home	NORAD
METAP2	0.002572	0.26687	0.277	0.229	1	MG-Home	METAP2
VEGFB2	0.003135	0.259165	0.314	0.269	1	MG-Home	VEGFB
SNRPB	0.003163	0.259555	0.371	0.336	1	MG-Home	SNRPB
P2RY131	0.005962	0.295836	0.387	0.344	1	MG-Home	P2RY13
SOCS32	0	3.935983	0.966	0.19	0	MG-Periva	SOCS3
CCL8	0	3.438968	0.543	0.034	0	MG-Periva	CCL8
TNFRSF10C	0	3.014877	0.921	0.154	0	MG-Periva	TNFRSF10D
XIRP11	0	2.641222	0.57	0.035	0	MG-Periva	XIRP1
PDGFA1	0	2.640801	0.845	0.093	0	MG-Periva	PDGFA
LYVE11	0	2.371926	0.785	0.068	0	MG-Periva	LYVE1
PIM1	0	2.362105	0.743	0.064	0	MG-Periva	PIM1
MRC11	0	2.336635	0.789	0.093	0	MG-Periva	MRC1
HAS1	0	1.977944	0.389	0.019	0	MG-Periva	HAS1
MATK1	0	1.550448	0.491	0.039	0	MG-Periva	MATK
DACT1	0	1.480371	0.453	0.021	0	MG-Periva	DACT1
CISH	0	1.013306	0.377	0.022	0	MG-Periva	CISH
RGL11	8.62E-273	2.133977	0.819	0.13	2.42E-268	MG-Periva	RGL1
JAM3	2.30E-272	0.977118	0.279	0.014	6.48E-268	MG-Periva	JAM3
THBD1	1.73E-235	2.120155	0.555	0.065	4.88E-231	MG-Periva	THBD
SPHK12	6.23E-218	1.942884	0.717	0.124	1.75E-213	MG-Periva	SPHK1
RAMP12	2.52E-216	2.177832	0.864	0.19	7.09E-212	MG-Periva	RAMP1
FLT12	1.49E-201	2.696432	0.811	0.184	4.20E-197	MG-Periva	FLT1
PLVAP2	2.95E-194	1.884475	0.77	0.157	8.30E-190	MG-Periva	PLVAP
TNFRSF12A	2.48E-192	1.771255	0.758	0.148	6.96E-188	MG-Periva	TNFRSF12A
RNASE11	6.00E-184	1.708951	0.46	0.054	1.69E-179	MG-Periva	RNASE1
BATF	6.31E-183	0.873586	0.325	0.028	1.77E-178	MG-Periva	BATF
TPD52	3.33E-182	1.620959	0.521	0.073	9.36E-178	MG-Periva	TPD52
HIC1	1.97E-172	1.030407	0.358	0.036	5.54E-168	MG-Periva	HIC1
CCL23	1.27E-171	3.140542	0.97	0.337	3.58E-167	MG-Periva	CCL2
AC072022	1.84E-169	0.80534	0.313	0.028	5.19E-165	MG-Periva	AC072022.2
CDKN1A2	6.16E-161	2.534361	0.996	0.586	1.73E-156	MG-Periva	CDKN1A
PLXNA2	4.67E-159	1.170634	0.464	0.064	1.31E-154	MG-Periva	PLXNA2
CA8	1.13E-158	1.067013	0.294	0.027	3.19E-154	MG-Periva	CA8
FCGR1B2	3.57E-158	2.15644	0.879	0.284	1.00E-153	MG-Periva	FCGR1B
PANX12	3.06E-154	1.653353	0.826	0.218	8.61E-150	MG-Periva	PANX1
BATF31	4.08E-153	1.385077	0.547	0.093	1.15E-148	MG-Periva	BATF3
FOLR22	8.22E-147	1.594953	0.781	0.193	2.31E-142	MG-Periva	FOLR2
SPRED12	2.92E-146	1.78009	0.94	0.317	8.21E-142	MG-Periva	SPRED1
FHOD12	1.16E-141	1.452939	0.702	0.164	3.27E-137	MG-Periva	FHOD1
BCL62	1.47E-141	1.927691	0.917	0.331	4.14E-137	MG-Periva	BCL6
CH25H3	1.61E-140	2.514249	0.981	0.471	4.52E-136	MG-Periva	CH25H
DHRS93	2.38E-140	2.099741	0.804	0.228	6.71E-136	MG-Periva	DHRS9
PIM34	2.61E-140	1.534035	0.649	0.142	7.35E-136	MG-Periva	PIM3
PEX5	3.78E-138	1.335424	0.404	0.057	1.06E-133	MG-Periva	PEX5

HOMER1	4.39E-136	1.576014	0.589	0.114	1.24E-131	MG-Periva	HOMER1
BCL32	8.72E-136	1.099766	0.521	0.092	2.45E-131	MG-Periva	BCL3
HLX	2.48E-135	1.114517	0.472	0.076	6.98E-131	MG-Periva	HLX
HLX-AS1	2.97E-135	0.874092	0.358	0.045	8.34E-131	MG-Periva	HLX-AS1
NAB21	2.44E-133	1.174509	0.608	0.122	6.85E-129	MG-Periva	NAB2
ARID5A3	1.97E-130	1.897754	0.917	0.368	5.55E-126	MG-Periva	ARID5A
SLC2A34	8.71E-129	2.075582	0.94	0.384	2.45E-124	MG-Periva	SLC2A3
IL1RAP3	2.28E-125	1.733517	0.94	0.398	6.41E-121	MG-Periva	IL1RAP
SDK12	1.23E-123	1.55151	0.804	0.234	3.47E-119	MG-Periva	SDK1
TNFSF18	9.14E-121	1.779885	0.419	0.066	2.57E-116	MG-Periva	TNFSF18
CEMIP21	1.94E-119	1.269904	0.509	0.098	5.45E-115	MG-Periva	CEMIP2
FCGR1A3	2.18E-117	1.941513	0.951	0.508	6.13E-113	MG-Periva	FCGR1A
GADD45G4	3.19E-116	2.090423	0.732	0.212	8.99E-112	MG-Periva	GADD45G
SNHG151	6.28E-116	1.405337	0.694	0.19	1.77E-111	MG-Periva	SNHG15
MT2A4	3.46E-115	3.434518	0.86	0.387	9.73E-111	MG-Periva	MT2A
MIDN2	1.93E-110	1.626785	0.849	0.313	5.43E-106	MG-Periva	MIDN
B3GNT52	5.92E-110	1.870826	0.989	0.625	1.67E-105	MG-Periva	B3GNT5
CTSL2	1.50E-108	2.228437	0.872	0.37	4.22E-104	MG-Periva	CTSL
RUNX13	1.89E-107	1.737454	0.977	0.6	5.31E-103	MG-Periva	RUNX1
PRR5	1.32E-103	0.992282	0.491	0.1	3.72E-99	MG-Periva	PRR5
TXLNA	7.65E-102	1.070941	0.423	0.078	2.15E-97	MG-Periva	TXLNA
ABCG21	1.25E-101	0.642296	0.268	0.032	3.53E-97	MG-Periva	ABCG2
LCP23	3.42E-100	1.582287	0.985	0.618	9.62E-96	MG-Periva	LCP2
DIP2C	1.41E-99	1.175581	0.551	0.129	3.98E-95	MG-Periva	DIP2C
AC046195.	1.90E-99	1.574847	0.781	0.274	5.34E-95	MG-Periva	AC046195.1
CSRNP12	9.18E-99	1.544157	0.928	0.475	2.58E-94	MG-Periva	CSRNP1
RHOU	4.71E-98	0.902768	0.302	0.043	1.33E-93	MG-Periva	RHOU
NCK23	6.36E-98	1.425618	0.883	0.373	1.79E-93	MG-Periva	NCK2
IFI16	1.11E-97	1.631364	0.894	0.435	3.12E-93	MG-Periva	IFI16
XIST1	1.86E-97	0.871447	0.513	0.109	5.25E-93	MG-Periva	XIST
SH2B2	2.46E-96	0.705265	0.253	0.031	6.91E-92	MG-Periva	SH2B2
ARRDC32	2.24E-95	1.370163	0.63	0.176	6.30E-91	MG-Periva	ARRDC3
GAREM11	1.51E-94	1.172903	0.679	0.199	4.25E-90	MG-Periva	GAREM1
ITPKC	1.59E-94	0.868097	0.298	0.043	4.48E-90	MG-Periva	ITPKC
ELOC2	1.19E-93	1.666811	0.868	0.403	3.35E-89	MG-Periva	ELOC
AC079015.	3.89E-93	1.248334	0.623	0.174	1.09E-88	MG-Periva	AC079015.1
CHSY13	1.51E-92	1.412332	0.838	0.34	4.24E-88	MG-Periva	CHSY1
AL139807.:	2.68E-91	1.296266	0.694	0.219	7.53E-87	MG-Periva	AL139807.1
SRC1	1.72E-89	0.849173	0.434	0.088	4.85E-85	MG-Periva	SRC
KLF102	8.93E-89	1.493072	0.891	0.409	2.51E-84	MG-Periva	KLF10
GOLGA41	4.92E-88	1.683648	0.762	0.306	1.38E-83	MG-Periva	GOLGA4
PPARD2	7.51E-88	1.296017	0.83	0.342	2.11E-83	MG-Periva	PPARD
AC010378.	1.78E-87	0.803611	0.453	0.095	5.01E-83	MG-Periva	AC010378.2
NEDD93	1.47E-86	1.476333	0.947	0.516	4.14E-82	MG-Periva	NEDD9
TMEM701	1.62E-86	1.310385	0.66	0.214	4.57E-82	MG-Periva	TMEM70
TP53BP21	2.63E-86	1.323389	0.619	0.187	7.40E-82	MG-Periva	TP53BP2
BMPR21	1.09E-85	1.254505	0.706	0.239	3.07E-81	MG-Periva	BMPR2

SBNO2	1.42E-84	0.85463	0.457	0.103	4.00E-80	MG-Periva	SBNO2
LINC01814	3.29E-84	0.851901	0.325	0.055	9.27E-80	MG-Periva	LINC01814
SPRY22	1.34E-83	1.29788	0.74	0.26	3.78E-79	MG-Periva	SPRY2
LMNB1	2.12E-83	0.675684	0.294	0.046	5.95E-79	MG-Periva	LMNB1
AL138963.4	8.18E-81	1.370451	0.657	0.209	2.30E-76	MG-Periva	AL138963.4
MCF2L22	1.08E-80	1.33791	0.834	0.365	3.04E-76	MG-Periva	MCF2L2
UBASH3B3	5.19E-79	1.174164	0.638	0.203	1.46E-74	MG-Periva	UBASH3B
PTPN22	1.07E-78	1.23731	0.725	0.278	3.02E-74	MG-Periva	PTPN2
ZMIZ13	2.71E-78	1.208775	0.777	0.315	7.63E-74	MG-Periva	ZMIZ1
PDPN2	1.63E-77	1.254465	0.713	0.271	4.60E-73	MG-Periva	PDPN
AP000331.	1.52E-76	0.915735	0.438	0.102	4.29E-72	MG-Periva	AP000331.1
JAG1	1.69E-76	0.863588	0.317	0.056	4.75E-72	MG-Periva	JAG1
PXDC11	1.72E-76	1.006395	0.498	0.131	4.85E-72	MG-Periva	PXDC1
MOB3C	3.09E-76	0.76565	0.343	0.066	8.70E-72	MG-Periva	MOB3C
UST2	3.67E-76	1.330655	0.604	0.191	1.03E-71	MG-Periva	UST
KDM6B2	1.80E-75	1.298261	0.955	0.547	5.07E-71	MG-Periva	KDM6B
BHLHE403	9.51E-74	1.367057	0.721	0.28	2.68E-69	MG-Periva	BHLHE40
RAPGEF22	1.01E-73	1.171384	0.698	0.251	2.84E-69	MG-Periva	RAPGEF2
PRKAR1B	1.11E-73	0.899016	0.483	0.125	3.12E-69	MG-Periva	PRKAR1B
SEH1L	1.87E-73	0.765728	0.423	0.098	5.26E-69	MG-Periva	SEH1L
VEGFA4	2.29E-73	1.440609	0.532	0.151	6.45E-69	MG-Periva	VEGFA
FAM157C	3.16E-73	0.645497	0.279	0.046	8.90E-69	MG-Periva	FAM157C
STAT3	3.56E-73	1.114763	0.891	0.45	1.00E-68	MG-Periva	STAT3
HIVEP32	4.05E-73	1.198604	0.725	0.286	1.14E-68	MG-Periva	HIVEP3
NECTIN22	7.96E-73	0.874994	0.509	0.142	2.24E-68	MG-Periva	NECTIN2
STX43	5.28E-72	1.472736	0.751	0.307	1.49E-67	MG-Periva	STX4
PNP2	6.68E-72	1.628388	0.713	0.292	1.88E-67	MG-Periva	PNP
IL3RA2	9.29E-72	1.071085	0.589	0.18	2.62E-67	MG-Periva	IL3RA
FAM20C2	1.48E-71	0.844538	0.479	0.125	4.15E-67	MG-Periva	FAM20C
PRNP2	2.93E-71	1.250797	0.766	0.335	8.25E-67	MG-Periva	PRNP
DOT1L	3.46E-70	0.887903	0.453	0.116	9.73E-66	MG-Periva	DOT1L
CD2761	7.53E-70	0.879638	0.532	0.155	2.12E-65	MG-Periva	CD276
CYTOR	9.92E-70	0.903796	0.328	0.065	2.79E-65	MG-Periva	CYTOR
MPP13	6.92E-69	1.18401	0.687	0.265	1.95E-64	MG-Periva	MPP1
FPR12	8.27E-69	1.218793	0.958	0.629	2.33E-64	MG-Periva	FPR1
CPEB41	9.34E-69	1.107792	0.736	0.293	2.63E-64	MG-Periva	CPEB4
ZSWIM63	1.58E-68	1.17102	0.936	0.619	4.44E-64	MG-Periva	ZSWIM6
IL6ST3	2.33E-68	1.303705	0.894	0.514	6.56E-64	MG-Periva	IL6ST
SLC1A33	4.98E-68	1.170436	0.989	0.764	1.40E-63	MG-Periva	SLC1A3
PELI12	2.90E-66	1.284724	0.906	0.546	8.16E-62	MG-Periva	PELI1
RNF19A	5.43E-66	1.004811	0.528	0.158	1.53E-61	MG-Periva	RNF19A
FURIN	6.02E-66	0.647557	0.294	0.056	1.70E-61	MG-Periva	FURIN
NFATC13	6.30E-66	1.146737	0.668	0.248	1.77E-61	MG-Periva	NFATC1
NCS1	1.10E-65	0.666119	0.26	0.044	3.09E-61	MG-Periva	NCS1
GRAMD41	5.59E-65	1.010983	0.506	0.153	1.57E-60	MG-Periva	GRAMD4
13-Mar	6.19E-65	1.370973	0.694	0.293	1.74E-60	MG-Periva	1-Mar
LINC01686	9.47E-65	0.597711	0.268	0.047	2.67E-60	MG-Periva	LINC01686

DDX213	1.36E-64	1.170973	0.815	0.408	3.84E-60	MG-Periva: DDX21
SIPA1L22	1.52E-64	1.042883	0.664	0.249	4.27E-60	MG-Periva: SIPA1L2
ID22	2.78E-64	1.282905	0.955	0.66	7.81E-60	MG-Periva: ID2
TNFAIP8L3	3.59E-64	1.143991	0.623	0.214	1.01E-59	MG-Periva: TNFAIP8L3
LUCAT12	1.01E-63	0.989896	0.491	0.14	2.85E-59	MG-Periva: LUCAT1
TJP1	1.28E-63	0.559977	0.264	0.046	3.61E-59	MG-Periva: TJP1
IL4R	1.35E-63	0.975178	0.6	0.21	3.79E-59	MG-Periva: IL4R
CD141	3.21E-63	1.653402	0.94	0.641	9.03E-59	MG-Periva: CD14
GADD45B2	2.10E-62	1.188257	1	0.777	5.91E-58	MG-Periva: GADD45B
UBE2F3	9.88E-62	1.118638	0.717	0.313	2.78E-57	MG-Periva: UBE2F
KLHL63	1.79E-61	1.011755	0.864	0.43	5.04E-57	MG-Periva: KLHL6
ABL22	1.83E-61	1.048829	0.83	0.383	5.14E-57	MG-Periva: ABL2
SERTAD12	7.32E-61	1.124382	0.8	0.372	2.06E-56	MG-Periva: SERTAD1
SFPQ2	8.19E-61	1.018881	0.951	0.632	2.30E-56	MG-Periva: SFPQ
BCL2L12	1.16E-60	0.778554	0.574	0.191	3.27E-56	MG-Periva: BCL2L1
IRF13	1.52E-60	1.173891	0.513	0.164	4.26E-56	MG-Periva: IRF1
CEBPB2	2.45E-60	1.036613	0.985	0.697	6.89E-56	MG-Periva: CEBPB
FOXP21	1.15E-59	0.675059	0.438	0.112	3.24E-55	MG-Periva: FOXP2
FLVCR2	1.45E-59	0.592243	0.268	0.051	4.09E-55	MG-Periva: FLVCR2
DDX51	1.68E-59	0.814678	1	0.902	4.72E-55	MG-Periva: DDX5
KLF16	2.13E-59	0.640528	0.313	0.067	5.98E-55	MG-Periva: KLF16
NRROS2	2.50E-59	0.833475	0.509	0.159	7.04E-55	MG-Periva: NRROS
CCR11	2.55E-59	1.182311	0.57	0.206	7.17E-55	MG-Periva: CCR1
PRKCH5	6.42E-59	1.04573	0.936	0.594	1.81E-54	MG-Periva: PRKCH
ZNF460	1.23E-58	0.746571	0.336	0.077	3.47E-54	MG-Periva: ZNF460
ACVR1B	1.31E-58	0.564868	0.287	0.058	3.69E-54	MG-Periva: ACVR1B
MAFK	1.80E-58	0.559045	0.268	0.051	5.06E-54	MG-Periva: MAFK
CEBPD3	2.28E-58	0.961254	0.992	0.871	6.41E-54	MG-Periva: CEBPD
LAP3	3.56E-58	1.122889	0.785	0.392	1.00E-53	MG-Periva: LAP3
FNIP22	6.60E-58	1.257906	0.751	0.37	1.86E-53	MG-Periva: FNIP2
NDST2	6.69E-58	0.767431	0.392	0.104	1.88E-53	MG-Periva: NDST2
SUSD63	7.01E-58	1.027798	0.838	0.434	1.97E-53	MG-Periva: SUSD6
PGS11	7.53E-58	0.87315	0.426	0.12	2.12E-53	MG-Periva: PGS1
CHST112	3.13E-57	0.995533	0.958	0.684	8.80E-53	MG-Periva: CHST11
MTRNR2L1	3.52E-57	1.192535	0.955	0.498	9.92E-53	MG-Periva: MTRNR2L12
NAB1	5.23E-57	0.715155	0.37	0.093	1.47E-52	MG-Periva: NAB1
MAT2A1	6.51E-57	0.981903	0.932	0.549	1.83E-52	MG-Periva: MAT2A
PPRC1	1.58E-56	0.675104	0.392	0.103	4.44E-52	MG-Periva: PPRC1
ETS22	3.70E-56	1.04619	0.936	0.639	1.04E-51	MG-Periva: ETS2
XBP13	8.16E-56	1.248671	0.853	0.493	2.30E-51	MG-Periva: XBP1
ZFP363	1.29E-55	0.900924	1	0.931	3.62E-51	MG-Periva: ZFP36
SOCS62	1.96E-55	0.978037	0.804	0.385	5.52E-51	MG-Periva: SOCS6
STK102	4.28E-55	0.897858	0.608	0.231	1.20E-50	MG-Periva: STK10
LINC02669	2.60E-54	0.741807	0.332	0.078	7.32E-50	MG-Periva: LINC02669
SLC15A21	3.19E-54	0.731888	0.442	0.127	8.98E-50	MG-Periva: SLC15A2
CDK64	5.83E-54	0.92037	0.653	0.259	1.64E-49	MG-Periva: CDK6
NEK61	1.30E-53	0.953034	0.479	0.154	3.66E-49	MG-Periva: NEK6

HIVEP23	1.45E-53	0.948633	0.691	0.3	4.07E-49	MG-Periva: HIVEP2
AC008892.	1.94E-53	0.876568	0.347	0.086	5.45E-49	MG-Periva: AC008892.1
MGAT52	3.03E-53	0.873571	0.706	0.304	8.54E-49	MG-Periva: MGAT5
BTG21	3.58E-53	1.003924	0.97	0.744	1.01E-48	MG-Periva: BTG2
CD632	6.18E-53	1.015132	0.936	0.655	1.74E-48	MG-Periva: CD63
ADAMTS17	7.86E-53	0.807226	0.294	0.064	2.21E-48	MG-Periva: ADAMTS17
HNRNPM1	1.45E-52	0.857674	0.751	0.362	4.07E-48	MG-Periva: HNRNPM
MKNK12	4.08E-52	0.987459	0.706	0.327	1.15E-47	MG-Periva: MKNK1
LONRF3	1.35E-51	0.857058	0.423	0.123	3.80E-47	MG-Periva: LONRF3
CDC42BPB:	3.37E-51	0.775557	0.411	0.12	9.49E-47	MG-Periva: CDC42BPB
ZNF410	3.79E-51	0.805998	0.445	0.141	1.07E-46	MG-Periva: ZNF410
SH3GL11	7.78E-51	0.768814	0.487	0.161	2.19E-46	MG-Periva: SH3GL1
MAPKAPK2	1.31E-50	0.843851	0.649	0.273	3.68E-46	MG-Periva: MAPKAPK2
LINC01141	1.58E-50	0.685624	0.442	0.131	4.44E-46	MG-Periva: LINC01141
GNAQ3	2.97E-50	0.887042	0.943	0.623	8.36E-46	MG-Periva: GNAQ
GAB3	3.99E-50	0.809429	0.555	0.206	1.12E-45	MG-Periva: GAB3
EML42	4.25E-50	0.956647	0.785	0.407	1.20E-45	MG-Periva: EML4
RBM473	7.47E-50	0.926664	0.879	0.506	2.10E-45	MG-Periva: RBM47
ITGAX5	1.01E-49	1.110484	0.789	0.414	2.85E-45	MG-Periva: ITGAX
RNF1221	2.98E-49	0.720956	0.525	0.182	8.39E-45	MG-Periva: RNF122
BZW13	3.06E-49	0.875742	0.755	0.387	8.61E-45	MG-Periva: BZW1
DDAH21	1.48E-48	0.841937	0.634	0.269	4.16E-44	MG-Periva: DDAH2
TMIGD33	2.11E-48	0.927225	0.796	0.395	5.93E-44	MG-Periva: TMIGD3
ABI12	2.43E-48	0.88221	0.781	0.408	6.85E-44	MG-Periva: ABI1
TRIB12	2.44E-48	1.077345	0.898	0.513	6.87E-44	MG-Periva: TRIB1
LINC00513	2.54E-48	0.73783	0.366	0.101	7.16E-44	MG-Periva: LINC00513
GNB41	3.43E-48	1.049565	0.808	0.46	9.64E-44	MG-Periva: GNB4
METRNL5	6.05E-48	0.774327	0.543	0.195	1.70E-43	MG-Periva: METRNL
SLC1A52	1.27E-47	0.904377	0.698	0.329	3.57E-43	MG-Periva: SLC1A5
RASA32	2.42E-47	0.902197	0.743	0.376	6.80E-43	MG-Periva: RASA3
MAP2K33	7.42E-47	0.969674	0.626	0.276	2.09E-42	MG-Periva: MAP2K3
GSTM32	9.62E-47	1.005631	0.592	0.247	2.71E-42	MG-Periva: GSTM3
SPACA6	1.96E-46	0.6623	0.317	0.081	5.52E-42	MG-Periva: SPACA6
AL512625.:	2.12E-46	0.709777	0.374	0.107	5.97E-42	MG-Periva: AL512625.3
KPNA41	2.76E-46	0.762243	0.638	0.277	7.76E-42	MG-Periva: KPNA4
LIMS14	2.90E-46	0.85081	0.97	0.689	8.17E-42	MG-Periva: LIMS1
ELL23	5.17E-46	0.80016	0.992	0.789	1.46E-41	MG-Periva: ELL2
CCNL12	5.94E-46	0.846145	0.928	0.644	1.67E-41	MG-Periva: CCNL1
PLK33	1.71E-45	0.90354	0.83	0.457	4.81E-41	MG-Periva: PLK3
AC012150.	4.49E-45	0.782435	0.506	0.183	1.26E-40	MG-Periva: AC012150.1
IRAK23	6.33E-45	0.787753	0.842	0.461	1.78E-40	MG-Periva: IRAK2
DDX3X2	7.63E-45	0.853183	0.868	0.513	2.15E-40	MG-Periva: DDX3X
CEP682	8.01E-45	0.81119	0.566	0.226	2.25E-40	MG-Periva: CEP68
STOM	9.80E-45	1.125734	0.687	0.357	2.76E-40	MG-Periva: STOM
H3F3A3	2.56E-44	0.811929	0.974	0.776	7.20E-40	MG-Periva: H3F3A
MTSS13	3.23E-44	1.048739	0.672	0.317	9.10E-40	MG-Periva: MTSS1
AC131944.	3.71E-44	0.996033	0.634	0.271	1.04E-39	MG-Periva: AC131944.1

ATP13A33	4.15E-44	1.05791	0.675	0.329	1.17E-39	MG-Periva:ATP13A3
NBL11	4.28E-44	0.775344	0.475	0.172	1.21E-39	MG-Periva:NBL1
ARID5B2	1.24E-43	1.087121	0.777	0.417	3.50E-39	MG-Periva:ARID5B
CD531	1.28E-43	0.85404	0.943	0.671	3.61E-39	MG-Periva:CD53
SPATA2L	1.77E-43	0.625868	0.279	0.069	4.97E-39	MG-Periva:SPATA2L
ABCB4	2.14E-43	0.593058	0.302	0.077	6.02E-39	MG-Periva:ABCB4
HIST2H3PS	3.34E-43	0.499264	0.291	0.071	9.40E-39	MG-Periva:HIST2H3PS2
NFIL32	3.65E-43	0.948833	0.675	0.322	1.03E-38	MG-Periva:NFIL3
PEA152	4.68E-43	0.844493	0.634	0.295	1.32E-38	MG-Periva:PEA15
SLC39A12	6.68E-43	0.798516	0.536	0.219	1.88E-38	MG-Periva:SLC39A1
HK1	6.82E-43	0.70985	0.536	0.209	1.92E-38	MG-Periva:HK1
SLC2A51	7.08E-43	0.932999	0.94	0.618	1.99E-38	MG-Periva:SLC2A5
IL6R-AS1	8.07E-43	0.803657	0.291	0.074	2.27E-38	MG-Periva:IL6R-AS1
CBFB1	1.30E-42	0.678299	0.525	0.198	3.65E-38	MG-Periva:CBFB
MAFF1	1.62E-42	0.79141	0.6	0.249	4.56E-38	MG-Periva:MAFF
ZNF2673	2.68E-42	0.956798	0.687	0.338	7.53E-38	MG-Periva:ZNF267
PTPN14	4.74E-42	0.907574	0.762	0.408	1.33E-37	MG-Periva:PTPN1
SLC16A33	5.60E-42	0.929287	0.725	0.374	1.58E-37	MG-Periva:SLC16A3
TLR24	7.69E-42	0.920281	0.826	0.511	2.16E-37	MG-Periva:TLR2
COQ71	9.68E-42	0.882007	0.392	0.129	2.72E-37	MG-Periva:COQ7
STAMBPL1	9.80E-42	0.693358	0.449	0.155	2.76E-37	MG-Periva:STAMBPL1
ADGRG12	1.71E-41	0.805714	0.717	0.343	4.82E-37	MG-Periva:ADGRG1
LILRB42	2.26E-41	0.86614	0.936	0.664	6.35E-37	MG-Periva:LILRB4
SEC14L11	2.70E-41	0.873579	0.732	0.371	7.60E-37	MG-Periva:SEC14L1
YBX31	8.74E-41	0.938816	0.74	0.401	2.46E-36	MG-Periva:YBX3
FOSL1	1.34E-40	0.605414	0.317	0.089	3.76E-36	MG-Periva:FOSL1
KIF21B1	1.38E-40	0.74677	0.385	0.123	3.87E-36	MG-Periva:KIF21B
SLC3A23	3.53E-40	0.828132	0.74	0.381	9.94E-36	MG-Periva:SLC3A2
PPP1R3B	4.49E-40	0.544732	0.272	0.069	1.26E-35	MG-Periva:PPP1R3B
CD993	1.14E-39	0.780203	0.898	0.586	3.22E-35	MG-Periva:CD99
VASP2	1.43E-39	0.722747	0.57	0.245	4.04E-35	MG-Periva:VASP
NOTCH1	5.02E-39	0.569224	0.287	0.076	1.41E-34	MG-Periva:NOTCH1
GCA1	6.21E-39	0.826632	0.558	0.247	1.75E-34	MG-Periva:GCA
SPP14	8.33E-39	1.055456	0.977	0.832	2.34E-34	MG-Periva:SPP1
CLIC14	9.70E-39	0.792483	0.928	0.658	2.73E-34	MG-Periva:CLIC1
ACTG13	1.32E-38	0.946537	0.951	0.791	3.73E-34	MG-Periva:ACTG1
ERF1	2.02E-38	0.664508	0.498	0.196	5.69E-34	MG-Periva:ERF
PPIF1	3.01E-38	0.912055	0.536	0.23	8.47E-34	MG-Periva:PPIF
ARHGEF73	3.03E-38	0.783148	0.638	0.301	8.53E-34	MG-Periva:ARHGEF7
MIR22HG	3.59E-38	0.653187	0.343	0.107	1.01E-33	MG-Periva:MIR22HG
BIN11	4.49E-38	0.796358	0.906	0.604	1.26E-33	MG-Periva:BIN1
EIF4A13	4.55E-38	0.683821	0.977	0.802	1.28E-33	MG-Periva:EIF4A1
GPCPD14	7.36E-38	0.947801	0.717	0.392	2.07E-33	MG-Periva:GPCPD1
CCL4L23	8.18E-38	1.077609	0.974	0.786	2.30E-33	MG-Periva:CCL4L2
ANXA54	1.05E-37	0.786201	0.928	0.633	2.96E-33	MG-Periva:ANXA5
PHC21	1.09E-37	0.799215	0.785	0.442	3.08E-33	MG-Periva:PHC2
LDHA4	1.70E-37	0.890439	0.789	0.452	4.79E-33	MG-Periva:LDHA

CSNK1D1	2.05E-37	0.710999	0.683	0.347	5.77E-33	MG-Periva: CSNK1D
TFRC1	2.22E-37	0.910179	0.672	0.325	6.26E-33	MG-Periva: TFRC
VAPA2	3.16E-37	0.744346	0.815	0.487	8.88E-33	MG-Periva: VAPA
LONRF11	4.21E-37	0.535544	0.328	0.097	1.19E-32	MG-Periva: LONRF1
BCOR1	9.44E-37	0.58864	0.347	0.11	2.66E-32	MG-Periva: BCOR
RAB5A	1.40E-36	0.671324	0.596	0.277	3.93E-32	MG-Periva: RAB5A
NAA201	1.84E-36	0.794079	0.608	0.294	5.19E-32	MG-Periva: NAA20
PAG13	5.40E-36	0.736184	0.77	0.436	1.52E-31	MG-Periva: PAG1
VPS37B1	7.68E-36	0.613327	0.608	0.277	2.16E-31	MG-Periva: VPS37B
C3AR13	8.48E-36	0.867247	0.898	0.634	2.39E-31	MG-Periva: C3AR1
TPM31	8.64E-36	0.745981	0.917	0.636	2.43E-31	MG-Periva: TPM3
PPP1R181	9.22E-36	0.788768	0.6	0.293	2.59E-31	MG-Periva: PPP1R18
LPL2	9.57E-36	0.72543	0.332	0.102	2.69E-31	MG-Periva: LPL
FOSL24	1.02E-35	0.78406	0.513	0.213	2.88E-31	MG-Periva: FOSL2
RAB202	1.44E-35	0.83739	0.792	0.458	4.05E-31	MG-Periva: RAB20
GRASP5	1.59E-35	0.725553	0.909	0.549	4.47E-31	MG-Periva: GRASP
ANKH1	2.69E-35	0.543871	0.423	0.151	7.57E-31	MG-Periva: ANKH
KIFC3	2.74E-35	0.69272	0.306	0.093	7.72E-31	MG-Periva: KIFC3
SLC44A22	3.82E-35	0.673118	0.475	0.19	1.08E-30	MG-Periva: SLC44A2
OSM1	5.54E-35	0.875575	0.642	0.306	1.56E-30	MG-Periva: OSM
VMP13	5.72E-35	0.779518	0.766	0.453	1.61E-30	MG-Periva: VMP1
TLN23	8.90E-35	0.647809	0.547	0.237	2.50E-30	MG-Periva: TLN2
EIF4E4	1.05E-34	0.917824	0.766	0.434	2.96E-30	MG-Periva: EIF4E
CEP1702	1.89E-34	0.659357	0.796	0.459	5.31E-30	MG-Periva: CEP170
SH3TC12	3.63E-34	0.708234	0.74	0.415	1.02E-29	MG-Periva: SH3TC1
BTG32	3.74E-34	0.787946	0.562	0.257	1.05E-29	MG-Periva: BTG3
GABARAPL	4.60E-34	0.704505	0.642	0.317	1.29E-29	MG-Periva: GABARAPL1
SRGAP12	9.70E-34	0.762834	0.751	0.426	2.73E-29	MG-Periva: SRGAP1
SESN2	1.09E-33	0.583025	0.275	0.079	3.06E-29	MG-Periva: SESN2
PEAK14	1.12E-33	0.668431	0.857	0.499	3.15E-29	MG-Periva: PEAK1
ELF4	1.48E-33	0.481868	0.283	0.082	4.16E-29	MG-Periva: ELF4
PLAUR4	1.53E-33	0.845536	0.883	0.536	4.30E-29	MG-Periva: PLAUR
IPCEF14	2.04E-33	0.608269	0.891	0.508	5.73E-29	MG-Periva: IPCEF1
ASAP14	7.02E-33	0.829155	0.502	0.221	1.98E-28	MG-Periva: ASAP1
RHEB2	1.02E-32	0.715409	0.758	0.456	2.88E-28	MG-Periva: RHEB
KLF64	1.21E-32	0.653075	0.996	0.896	3.41E-28	MG-Periva: KLF6
SLC7A53	1.26E-32	0.591747	0.74	0.387	3.55E-28	MG-Periva: SLC7A5
ARHGAP62	1.46E-32	0.771947	0.615	0.306	4.10E-28	MG-Periva: ARHGAP6
SLC20A12	1.46E-32	0.634086	0.475	0.199	4.12E-28	MG-Periva: SLC20A1
AL357522..	1.51E-32	0.539889	0.257	0.071	4.26E-28	MG-Periva: AL357522.1
EIF4G11	2.88E-32	0.583861	0.54	0.244	8.11E-28	MG-Periva: EIF4G1
PPP3R11	4.10E-32	0.6023	0.566	0.264	1.15E-27	MG-Periva: PPP3R1
AP5B1	4.26E-32	0.466756	0.275	0.081	1.20E-27	MG-Periva: AP5B1
GOLPH31	5.31E-32	0.656091	0.502	0.223	1.49E-27	MG-Periva: GOLPH3
ICAM12	6.44E-32	0.724669	0.664	0.331	1.81E-27	MG-Periva: ICAM1
LINC01353	6.83E-32	0.534047	0.317	0.103	1.92E-27	MG-Periva: LINC01353
RBMS3	8.01E-32	0.635514	0.332	0.108	2.25E-27	MG-Periva: RBMS3

HINT3	9.52E-32	0.429075	0.275	0.081	2.68E-27	MG-Periva: HINT3
ERCC12	1.00E-31	0.7212	0.868	0.582	2.82E-27	MG-Periva: ERCC1
ATF61	1.16E-31	0.724011	0.725	0.408	3.26E-27	MG-Periva: ATF6
PDE4DIP2	1.28E-31	0.740277	0.596	0.293	3.59E-27	MG-Periva: PDE4DIP
EHD41	1.57E-31	0.592414	0.472	0.198	4.41E-27	MG-Periva: EHD4
AC022509.	2.31E-31	0.658838	0.358	0.127	6.49E-27	MG-Periva: AC022509.3
MTHFD2	2.88E-31	0.902275	0.623	0.351	8.10E-27	MG-Periva: MTHFD2
LINC00963.	5.58E-31	0.633485	0.581	0.276	1.57E-26	MG-Periva: LINC00963
NOLC1	5.86E-31	0.559186	0.396	0.152	1.65E-26	MG-Periva: NOLC1
CTTNBP23	6.15E-31	0.79762	0.683	0.382	1.73E-26	MG-Periva: CTTNBP2
PLEKHO21	7.02E-31	0.568542	0.502	0.22	1.98E-26	MG-Periva: PLEKHO2
SNX94	7.17E-31	0.640256	0.864	0.548	2.02E-26	MG-Periva: SNX9
SWAP70	8.01E-31	0.647057	0.717	0.408	2.25E-26	MG-Periva: SWAP70
RAB1A3	9.14E-31	0.565333	0.872	0.534	2.57E-26	MG-Periva: RAB1A
DLGAP41	1.14E-30	0.558397	0.385	0.142	3.20E-26	MG-Periva: DLGAP4
PCNX12	1.46E-30	0.685058	0.423	0.171	4.10E-26	MG-Periva: PCNX1
MPRIP3	2.30E-30	0.651538	0.513	0.233	6.47E-26	MG-Periva: MPRIP
RASL11A1	2.62E-30	0.562441	0.287	0.087	7.38E-26	MG-Periva: RASL11A
HMGA13	2.93E-30	0.714314	0.494	0.222	8.24E-26	MG-Periva: HMGA1
UBE2D32	2.99E-30	0.750018	0.875	0.657	8.42E-26	MG-Periva: UBE2D3
IFNGR24	3.64E-30	0.650575	0.853	0.545	1.02E-25	MG-Periva: IFNGR2
LINC01128	3.82E-30	0.527066	0.336	0.117	1.08E-25	MG-Periva: LINC01128
ZYX5	5.74E-30	0.713538	0.732	0.445	1.62E-25	MG-Periva: ZYX
SERPINE14	8.21E-30	0.711263	0.77	0.414	2.31E-25	MG-Periva: SERPINE1
YWHAG1	8.43E-30	0.572475	0.509	0.229	2.37E-25	MG-Periva: YWHAG
AC015912.	1.24E-29	0.564332	0.264	0.08	3.50E-25	MG-Periva: AC015912.3
PCBP13	1.81E-29	0.620832	0.721	0.409	5.09E-25	MG-Periva: PCBP1
UPP13	2.39E-29	0.644808	0.362	0.133	6.71E-25	MG-Periva: UPP1
C5AR13	2.58E-29	0.7856	0.838	0.52	7.25E-25	MG-Periva: C5AR1
ATP1A11	4.07E-29	0.635522	0.717	0.408	1.14E-24	MG-Periva: ATP1A1
HNRNPF1	4.89E-29	0.575628	0.755	0.455	1.38E-24	MG-Periva: HNRNPF
SKIL3	1.21E-28	0.610997	0.921	0.674	3.41E-24	MG-Periva: SKIL
MYO1E3	1.24E-28	0.685941	0.66	0.356	3.49E-24	MG-Periva: MYO1E
APP1	2.22E-28	0.77115	0.389	0.157	6.24E-24	MG-Periva: APP
OTUD13	2.89E-28	0.790806	0.849	0.563	8.14E-24	MG-Periva: OTUD1
WDR12	3.84E-28	0.558107	0.626	0.337	1.08E-23	MG-Periva: WDR1
PISD	4.13E-28	0.443771	0.325	0.114	1.16E-23	MG-Periva: PISD
KBTBD2	4.43E-28	0.521166	0.366	0.14	1.25E-23	MG-Periva: KBTBD2
GPR137B1	4.54E-28	0.679099	0.408	0.169	1.28E-23	MG-Periva: GPR137B
PFKFB32	5.25E-28	0.714444	0.838	0.567	1.48E-23	MG-Periva: PFKFB3
UBE2J12	5.73E-28	0.635012	0.551	0.273	1.61E-23	MG-Periva: UBE2J1
MALAT12	6.01E-28	0.668065	1	0.989	1.69E-23	MG-Periva: MALAT1
MT1X1	7.09E-28	1.259836	0.37	0.151	2.00E-23	MG-Periva: MT1X
HECTD2	8.09E-28	0.624077	0.4	0.161	2.28E-23	MG-Periva: HECTD2
PDE3B3	1.29E-27	0.548083	0.751	0.439	3.62E-23	MG-Periva: PDE3B
CEBPA2	1.82E-27	0.858367	0.623	0.356	5.13E-23	MG-Periva: CEBPA
ITGB51	1.89E-27	0.520514	0.377	0.145	5.32E-23	MG-Periva: ITGB5

PTTG1IP2	1.91E-27	0.694508	0.657	0.387	5.37E-23	MG-Periva: PTTG1IP
LINC01480	2.10E-27	1.001465	0.37	0.146	5.91E-23	MG-Periva: LINC01480
TTYH32	3.07E-27	0.531669	0.558	0.273	8.65E-23	MG-Periva: TTYH3
IL6R2	4.31E-27	0.68413	0.634	0.357	1.21E-22	MG-Periva: IL6R
CD841	4.45E-27	0.630821	0.698	0.403	1.25E-22	MG-Periva: CD84
SLC25A251	6.09E-27	0.609029	0.419	0.177	1.71E-22	MG-Periva: SLC25A25
ST6GALNA3	6.23E-27	0.53547	0.864	0.556	1.75E-22	MG-Periva: ST6GALNAC3
NET1	6.66E-27	0.706437	0.366	0.144	1.87E-22	MG-Periva: NET1
SLC30A11	6.79E-27	0.500244	0.279	0.092	1.91E-22	MG-Periva: SLC30A1
ARID3A1	7.55E-27	0.509824	0.317	0.113	2.12E-22	MG-Periva: ARID3A
ARFGAP31	9.33E-27	0.528316	0.442	0.193	2.62E-22	MG-Periva: ARFGAP3
NOTCH21	9.43E-27	0.521703	0.343	0.129	2.65E-22	MG-Periva: NOTCH2
RHOH4	1.15E-26	0.77571	0.517	0.254	3.22E-22	MG-Periva: RHOH
SPTLC23	1.41E-26	0.597482	0.875	0.6	3.97E-22	MG-Periva: SPTLC2
CHCHD7	1.64E-26	0.797549	0.483	0.239	4.62E-22	MG-Periva: CHCHD7
ZBTB46	1.71E-26	0.479882	0.291	0.098	4.82E-22	MG-Periva: ZBTB46
FCGR2A1	2.11E-26	0.636463	0.887	0.627	5.94E-22	MG-Periva: FCGR2A
OLR13	2.89E-26	0.509238	0.996	0.791	8.13E-22	MG-Periva: OLR1
JUNB3	3.02E-26	0.551423	0.992	0.888	8.49E-22	MG-Periva: JUNB
TBC1D2B	3.57E-26	0.592375	0.396	0.167	1.00E-21	MG-Periva: TBC1D2B
MCL12	5.32E-26	0.569236	0.992	0.82	1.50E-21	MG-Periva: MCL1
ARHGAP31	5.38E-26	0.551496	0.46	0.211	1.51E-21	MG-Periva: ARHGAP31
NANS1	6.51E-26	0.602776	0.585	0.313	1.83E-21	MG-Periva: NANS
BHLHE412	7.81E-26	0.785268	0.804	0.538	2.20E-21	MG-Periva: BHLHE41
LPAR11	8.41E-26	0.53421	0.472	0.214	2.37E-21	MG-Periva: LPAR1
NFE2L24	1.08E-25	0.595321	0.721	0.458	3.04E-21	MG-Periva: NFE2L2
JDP24	1.35E-25	0.635429	0.834	0.57	3.79E-21	MG-Periva: JDP2
BCL24	1.61E-25	0.546157	0.66	0.362	4.52E-21	MG-Periva: BCL2
CDC372	1.82E-25	0.522906	0.74	0.443	5.11E-21	MG-Periva: CDC37
TNFRSF212	1.86E-25	0.492992	0.309	0.11	5.22E-21	MG-Periva: TNFRSF21
ZDHHC14	2.54E-25	0.547821	0.404	0.172	7.14E-21	MG-Periva: ZDHHC14
CCL3L12	2.59E-25	0.751428	0.966	0.74	7.29E-21	MG-Periva: CCL3L1
PTPN61	2.66E-25	0.666684	0.675	0.411	7.48E-21	MG-Periva: PTPN6
AFDN1	2.74E-25	0.450467	0.268	0.089	7.71E-21	MG-Periva: AFDN
RTN43	3.54E-25	0.549176	0.913	0.631	9.96E-21	MG-Periva: RTN4
R3HDM4	3.96E-25	0.52096	0.283	0.1	1.11E-20	MG-Periva: R3HDM4
PRRG41	4.29E-25	0.511438	0.377	0.155	1.21E-20	MG-Periva: PRRG4
EIF51	4.32E-25	0.653876	0.898	0.651	1.21E-20	MG-Periva: EIF5
DDX39A1	4.46E-25	0.551034	0.585	0.307	1.25E-20	MG-Periva: DDX39A
HRH2	4.88E-25	0.598625	0.328	0.127	1.37E-20	MG-Periva: HRH2
CDK171	5.42E-25	0.442276	0.355	0.138	1.53E-20	MG-Periva: CDK17
ANKRD10	5.65E-25	0.679803	0.615	0.358	1.59E-20	MG-Periva: ANKRD10
RBM7	7.40E-25	0.45094	0.313	0.116	2.08E-20	MG-Periva: RBM7
ARHGDI2	8.99E-25	0.551502	0.691	0.408	2.53E-20	MG-Periva: ARHGDI2
LPP2	1.20E-24	0.547167	0.785	0.502	3.38E-20	MG-Periva: LPP
DIP2A2	1.30E-24	0.519901	0.494	0.233	3.67E-20	MG-Periva: DIP2A
UBE2N1	1.30E-24	0.556656	0.536	0.281	3.67E-20	MG-Periva: UBE2N

IPO71	1.36E-24	0.513124	0.494	0.24	3.83E-20	MG-Periva: IPO7
SMG13	1.45E-24	0.633374	0.502	0.251	4.07E-20	MG-Periva: SMG1
PPARG1	1.51E-24	0.53025	0.381	0.155	4.24E-20	MG-Periva: PPARG
ITM2C2	1.61E-24	0.557899	0.517	0.26	4.54E-20	MG-Periva: ITM2C
CAMSAP11	1.91E-24	0.494572	0.325	0.123	5.36E-20	MG-Periva: CAMSAP1
ATP6V1B2	2.80E-24	0.671447	0.743	0.475	7.89E-20	MG-Periva: ATP6V1B2
ARHGEF40	3.27E-24	0.558384	0.442	0.204	9.20E-20	MG-Periva: ARHGEF40
ABCA12	3.58E-24	0.720354	0.687	0.4	1.01E-19	MG-Periva: ABCA1
PDXK3	4.04E-24	0.600687	0.619	0.338	1.14E-19	MG-Periva: PDXK
UGCG3	4.05E-24	0.644045	0.498	0.248	1.14E-19	MG-Periva: UGCG
NRIP11	5.90E-24	0.64313	0.683	0.419	1.66E-19	MG-Periva: NRIP1
SORCS1	5.95E-24	0.615617	0.275	0.095	1.67E-19	MG-Periva: SORCS1
SSPN2	7.17E-24	0.737741	0.574	0.317	2.02E-19	MG-Periva: SSPN
TAL12	7.27E-24	0.543328	0.611	0.326	2.04E-19	MG-Periva: TAL1
CDC42SE12	7.68E-24	0.576162	0.657	0.386	2.16E-19	MG-Periva: CDC42SE1
PER2	8.20E-24	0.493044	0.287	0.103	2.31E-19	MG-Periva: PER2
METAP1	8.51E-24	0.369737	0.268	0.091	2.39E-19	MG-Periva: METAP1
ANKRD113	8.90E-24	0.511137	0.808	0.538	2.50E-19	MG-Periva: ANKRD11
FHL31	1.14E-23	0.550366	0.381	0.164	3.21E-19	MG-Periva: FHL3
SRSF22	1.15E-23	0.574666	0.804	0.531	3.24E-19	MG-Periva: SRSF2
ARGLU12	1.17E-23	0.529189	0.758	0.476	3.29E-19	MG-Periva: ARGLU1
ABI21	1.47E-23	0.397213	0.313	0.118	4.15E-19	MG-Periva: ABI2
RHOB4	1.49E-23	0.568167	0.981	0.826	4.18E-19	MG-Periva: RHOB
LGMN3	1.65E-23	0.483567	0.725	0.424	4.65E-19	MG-Periva: LGMN
SGK14	2.29E-23	0.575803	0.985	0.862	6.44E-19	MG-Periva: SGK1
TGIF13	2.33E-23	0.682277	0.506	0.256	6.56E-19	MG-Periva: TGIF1
UAP1	2.71E-23	0.430948	0.343	0.135	7.63E-19	MG-Periva: UAP1
PURB	4.34E-23	0.441128	0.317	0.124	1.22E-18	MG-Periva: PURB
LINC01091	5.58E-23	0.472818	0.457	0.204	1.57E-18	MG-Periva: LINC01091
SLC11A2	7.31E-23	0.525307	0.453	0.22	2.06E-18	MG-Periva: SLC11A2
TENT4A1	8.25E-23	0.433073	0.26	0.09	2.32E-18	MG-Periva: TENT4A
GTPBP4	9.44E-23	0.39528	0.347	0.142	2.66E-18	MG-Periva: GTPBP4
USP32	1.04E-22	0.473255	0.426	0.189	2.93E-18	MG-Periva: USP32
TPD52L2	1.04E-22	0.427104	0.362	0.154	2.93E-18	MG-Periva: TPD52L2
P2RY123	1.26E-22	0.641002	0.796	0.524	3.54E-18	MG-Periva: P2RY12
RFX23	1.46E-22	0.651744	0.547	0.295	4.10E-18	MG-Periva: RFX2
PHF1	1.60E-22	0.35272	0.279	0.1	4.50E-18	MG-Periva: PHF1
SGMS11	1.68E-22	0.550141	0.4	0.178	4.74E-18	MG-Periva: SGMS1
TBC1D141	1.92E-22	0.580682	0.525	0.276	5.39E-18	MG-Periva: TBC1D14
TRAK12	3.33E-22	0.460197	0.449	0.211	9.37E-18	MG-Periva: TRAK1
ARHGAP12	4.08E-22	0.600095	0.525	0.28	1.15E-17	MG-Periva: ARHGAP12
HNRNPAB1	4.09E-22	0.494906	0.558	0.304	1.15E-17	MG-Periva: HNRNPAB
QSOX11	5.14E-22	0.477596	0.426	0.205	1.45E-17	MG-Periva: QSOX1
ASXL11	7.90E-22	0.524486	0.434	0.206	2.22E-17	MG-Periva: ASXL1
NCOA7	8.41E-22	0.882109	0.381	0.177	2.37E-17	MG-Periva: NCOA7
TLNRD1	8.75E-22	0.40622	0.264	0.095	2.46E-17	MG-Periva: TLNRD1
HBEGF3	9.87E-22	0.600841	0.574	0.3	2.78E-17	MG-Periva: HBEGF

RASAL22	1.32E-21	0.690179	0.608	0.354	3.73E-17	MG-Periva:RASAL2
MAP1S1	1.44E-21	0.615432	0.438	0.215	4.04E-17	MG-Periva:MAP1S
CXCL164	1.45E-21	0.539947	0.872	0.643	4.07E-17	MG-Periva:CXCL16
ALAS11	1.54E-21	0.539795	0.351	0.151	4.33E-17	MG-Periva:ALAS1
PGK13	2.02E-21	0.528111	0.77	0.513	5.69E-17	MG-Periva:PGK1
SLC10A3	2.23E-21	0.406273	0.264	0.095	6.26E-17	MG-Periva:SLC10A3
SAMSN13	2.29E-21	0.695841	0.834	0.602	6.45E-17	MG-Periva:SAMSN1
ADAM91	2.59E-21	0.411724	0.517	0.263	7.28E-17	MG-Periva:ADAM9
TWSG1	2.76E-21	0.457387	0.328	0.133	7.77E-17	MG-Periva:TWSG1
FAM133B1	3.26E-21	0.485855	0.487	0.249	9.18E-17	MG-Periva:FAM133B
MB21D22	5.75E-21	0.453076	0.479	0.238	1.62E-16	MG-Periva:MB21D2
LIMD23	6.10E-21	0.740392	0.562	0.336	1.72E-16	MG-Periva:LIMD2
RANBP91	7.02E-21	0.557927	0.679	0.415	1.98E-16	MG-Periva:RANBP9
GAS62	7.96E-21	0.520007	0.506	0.267	2.24E-16	MG-Periva:GAS6
NUDT31	1.10E-20	0.56849	0.694	0.449	3.10E-16	MG-Periva:NUDT3
IVNS1ABP2	1.16E-20	0.647211	0.611	0.366	3.26E-16	MG-Periva:IVNS1ABP
CCNT1	1.29E-20	0.573705	0.404	0.191	3.62E-16	MG-Periva:CCNT1
SH3GLB12	1.29E-20	0.667636	0.475	0.255	3.63E-16	MG-Periva:SH3GLB1
SLC12A6	1.40E-20	0.511845	0.34	0.145	3.93E-16	MG-Periva:SLC12A6
MTCH11	1.46E-20	0.488923	0.611	0.36	4.10E-16	MG-Periva:MTCH1
PTK2	1.85E-20	0.354499	0.332	0.136	5.21E-16	MG-Periva:PTK2
PRELID13	1.98E-20	0.514328	0.509	0.272	5.58E-16	MG-Periva:PRELID1
GLS2	2.42E-20	0.491493	0.725	0.477	6.82E-16	MG-Periva:GLS
HNRNPA2B	2.67E-20	0.460885	0.966	0.816	7.51E-16	MG-Periva:HNRNPA2B1
FGR3	2.80E-20	0.552901	0.336	0.144	7.87E-16	MG-Periva:FGR
KPNB11	3.32E-20	0.542172	0.54	0.309	9.34E-16	MG-Periva:KPNB1
SRSF51	4.04E-20	0.535125	0.879	0.63	1.14E-15	MG-Periva:SRSF5
IRF2BP23	4.09E-20	0.553882	0.509	0.274	1.15E-15	MG-Periva:IRF2BP2
MFSD122	4.14E-20	0.45837	0.498	0.267	1.17E-15	MG-Periva:MFSD12
SLC7A12	5.02E-20	0.498689	0.351	0.154	1.41E-15	MG-Periva:SLC7A1
CRY1	5.47E-20	0.439697	0.415	0.197	1.54E-15	MG-Periva:CRY1
ANKRD22	5.53E-20	0.571047	0.404	0.194	1.56E-15	MG-Periva:ANKRD22
PRRC2A1	6.30E-20	0.393767	0.468	0.236	1.77E-15	MG-Periva:PRRC2A
AFTPH1	6.83E-20	0.482498	0.457	0.231	1.92E-15	MG-Periva:AFTPH
TMED53	8.33E-20	0.468386	0.592	0.345	2.34E-15	MG-Periva:TMED5
AC008957.	8.35E-20	0.515654	0.4	0.192	2.35E-15	MG-Periva:AC008957.1
PPP4R1	8.43E-20	0.36666	0.291	0.115	2.37E-15	MG-Periva:PPP4R1
ACTR31	8.79E-20	0.454824	0.736	0.472	2.47E-15	MG-Periva:ACTR3
RIPOR11	9.78E-20	0.493552	0.298	0.123	2.75E-15	MG-Periva:RIPOR1
RHBDF22	1.29E-19	0.501106	0.883	0.653	3.62E-15	MG-Periva:RHBDF2
USP532	1.29E-19	0.584496	0.698	0.436	3.64E-15	MG-Periva:USP53
COLGALT1	1.49E-19	0.497116	0.385	0.185	4.18E-15	MG-Periva:COLGALT1
NFKBID3	1.64E-19	0.547442	0.766	0.508	4.62E-15	MG-Periva:NFKBID
CCL32	2.23E-19	0.685223	0.977	0.87	6.29E-15	MG-Periva:CCL3
EIF14	2.29E-19	0.37039	0.996	0.924	6.43E-15	MG-Periva:EIF1
RASSF52	2.43E-19	0.46919	0.63	0.369	6.83E-15	MG-Periva:RASSF5
LRRC591	2.87E-19	0.377345	0.374	0.172	8.07E-15	MG-Periva:LRRC59

BAZ1A2	3.08E-19	0.517246	0.502	0.278	8.65E-15	MG-Periva:BAZ1A
SOCS12	3.29E-19	0.658139	0.317	0.136	9.26E-15	MG-Periva:SOCS1
ST6GAL13	5.00E-19	0.410343	0.868	0.65	1.41E-14	MG-Periva:ST6GAL1
CHD12	5.74E-19	0.416549	0.694	0.431	1.62E-14	MG-Periva:CHD1
DNAJC2	5.81E-19	0.433622	0.347	0.155	1.63E-14	MG-Periva:DNAJC2
USP9X2	6.41E-19	0.578506	0.502	0.278	1.80E-14	MG-Periva:USP9X
KCNQ32	6.58E-19	0.308504	0.785	0.502	1.85E-14	MG-Periva:KCNQ3
PAFAH1B1	7.66E-19	0.408235	0.649	0.393	2.16E-14	MG-Periva:PAFAH1B1
HTRA13	8.28E-19	0.535715	0.887	0.628	2.33E-14	MG-Periva:HTRA1
SERTAD2	8.71E-19	0.50566	0.392	0.188	2.45E-14	MG-Periva:SERTAD2
LUZP11	8.92E-19	0.422754	0.37	0.171	2.51E-14	MG-Periva:LUZP1
PLD42	9.51E-19	0.486799	0.864	0.618	2.68E-14	MG-Periva:PLD4
ZFAND32	1.00E-18	0.411276	0.774	0.502	2.82E-14	MG-Periva:ZFAND3
TNFRSF1B2	1.01E-18	0.483533	0.789	0.521	2.85E-14	MG-Periva:TNFRSF1B
CEBPZ1	1.09E-18	0.377064	0.355	0.16	3.07E-14	MG-Periva:CEBPZ
AKT32	1.28E-18	0.372047	0.494	0.251	3.60E-14	MG-Periva:AKT3
DHX151	1.32E-18	0.438441	0.411	0.204	3.73E-14	MG-Periva:DHX15
IKZF12	1.42E-18	0.560956	0.668	0.428	4.00E-14	MG-Periva:IKZF1
DNTTIP2	1.49E-18	0.489953	0.513	0.29	4.19E-14	MG-Periva:DNTTIP2
SPIDR3	1.52E-18	0.531526	0.725	0.491	4.26E-14	MG-Periva:SPIDR
DGKA1	1.55E-18	0.411713	0.351	0.16	4.35E-14	MG-Periva:DGKA
HAVCR22	1.59E-18	0.675311	0.781	0.569	4.49E-14	MG-Periva:HAVCR2
RAP1B3	1.62E-18	0.440165	0.66	0.423	4.57E-14	MG-Periva:RAP1B
FERMT33	1.64E-18	0.551318	0.528	0.301	4.61E-14	MG-Periva:FERMT3
MAP3K111	1.70E-18	0.475358	0.358	0.169	4.79E-14	MG-Periva:MAP3K11
POMP3	1.93E-18	0.467488	0.766	0.511	5.43E-14	MG-Periva:POMP
HNRNPK1	2.07E-18	0.457526	0.808	0.592	5.84E-14	MG-Periva:HNRNPK
RABEP11	2.24E-18	0.398225	0.449	0.226	6.30E-14	MG-Periva:RABEP1
IRF2BPL	2.61E-18	0.4316	0.268	0.107	7.33E-14	MG-Periva:IRF2BPL
BACH12	2.83E-18	0.537692	0.619	0.381	7.97E-14	MG-Periva:BACH1
SMAD31	3.35E-18	0.471234	0.434	0.219	9.42E-14	MG-Periva:SMAD3
EIF3A1	4.02E-18	0.466505	0.604	0.373	1.13E-13	MG-Periva:EIF3A
OTUD4	4.38E-18	0.482119	0.355	0.166	1.23E-13	MG-Periva:OTUD4
ALPK3	4.47E-18	0.586117	0.298	0.126	1.26E-13	MG-Periva:ALPK3
SHTN12	4.69E-18	0.441401	0.683	0.424	1.32E-13	MG-Periva:SHTN1
TMEM87B	5.16E-18	0.385639	0.298	0.125	1.45E-13	MG-Periva:TMEM87B
PLSCR12	6.03E-18	0.481009	0.717	0.475	1.70E-13	MG-Periva:PLSCR1
RASSF81	6.64E-18	0.460687	0.309	0.133	1.87E-13	MG-Periva:RASSF8
LAMP11	7.62E-18	0.455887	0.683	0.443	2.14E-13	MG-Periva:LAMP1
NR3C12	9.62E-18	0.398435	0.585	0.342	2.71E-13	MG-Periva:NR3C1
SPRY13	9.63E-18	0.614964	0.472	0.252	2.71E-13	MG-Periva:SPRY1
ARPC24	9.75E-18	0.488596	0.883	0.637	2.74E-13	MG-Periva:ARPC2
GLUL1	1.03E-17	0.641785	0.936	0.761	2.90E-13	MG-Periva:GLUL
ZMYND111	1.11E-17	0.390465	0.389	0.187	3.14E-13	MG-Periva:ZMYND11
IDI11	1.12E-17	0.463367	0.502	0.277	3.14E-13	MG-Periva:IDI1
SMAD71	1.17E-17	0.351034	0.468	0.242	3.29E-13	MG-Periva:SMAD7
CREM3	1.29E-17	0.440805	0.777	0.521	3.62E-13	MG-Periva:CREM

KLF91	1.32E-17	0.408248	0.362	0.169	3.73E-13	MG-Periva: KLF9
NUP982	1.45E-17	0.380435	0.536	0.304	4.07E-13	MG-Periva: NUP98
RGS14	1.53E-17	0.516643	0.977	0.841	4.30E-13	MG-Periva: RGS1
SIGLEC101	1.58E-17	0.480742	0.585	0.351	4.43E-13	MG-Periva: SIGLEC10
CKB3	1.78E-17	0.483998	0.657	0.395	5.01E-13	MG-Periva: CKB
ACSL4	1.91E-17	0.457597	0.449	0.24	5.39E-13	MG-Periva: ACSL4
HIST2H2BF	1.96E-17	0.386482	0.321	0.14	5.52E-13	MG-Periva: HIST2H2BF
SIGLEC9	2.17E-17	0.468606	0.351	0.169	6.10E-13	MG-Periva: SIGLEC9
TARS	2.42E-17	0.351321	0.257	0.103	6.81E-13	MG-Periva: TARS
A2M3	2.42E-17	0.525377	0.925	0.751	6.82E-13	MG-Periva: A2M
DENND4C2	2.43E-17	0.433863	0.498	0.272	6.83E-13	MG-Periva: DENND4C
WLS	3.32E-17	0.330111	0.26	0.103	9.35E-13	MG-Periva: WLS
PRDX64	3.42E-17	0.538777	0.562	0.349	9.62E-13	MG-Periva: PRDX6
YWHAZ3	4.16E-17	0.447201	0.823	0.595	1.17E-12	MG-Periva: YWHAZ
RUBCNL1	5.09E-17	0.541779	0.302	0.134	1.43E-12	MG-Periva: RUBCNL
ZNF8001	5.37E-17	0.390124	0.411	0.207	1.51E-12	MG-Periva: ZNF800
RAN3	5.93E-17	0.392385	0.713	0.458	1.67E-12	MG-Periva: RAN
BCL7B1	5.94E-17	0.4096	0.404	0.205	1.67E-12	MG-Periva: BCL7B
FBXL51	6.14E-17	0.427792	0.4	0.203	1.73E-12	MG-Periva: FBXL5
RBM33	6.30E-17	0.45652	0.743	0.478	1.77E-12	MG-Periva: RBM3
CD300C	6.94E-17	0.441585	0.291	0.128	1.95E-12	MG-Periva: CD300C
SMURF11	7.07E-17	0.42899	0.374	0.18	1.99E-12	MG-Periva: SMURF1
ELF13	7.12E-17	0.404984	0.902	0.67	2.00E-12	MG-Periva: ELF1
EBI31	7.67E-17	0.452035	0.494	0.277	2.16E-12	MG-Periva: EBI3
FYTTD12	8.01E-17	0.336828	0.37	0.179	2.25E-12	MG-Periva: FYTTD1
COPB11	8.15E-17	0.425405	0.453	0.245	2.29E-12	MG-Periva: COPB1
JAZF13	8.45E-17	0.500169	0.747	0.507	2.38E-12	MG-Periva: JAZF1
AP003086.	1.05E-16	0.497041	0.423	0.224	2.95E-12	MG-Periva: AP003086.1
H3F3B2	1.09E-16	0.278932	0.996	0.917	3.07E-12	MG-Periva: H3F3B
RHOC3	1.09E-16	0.554179	0.453	0.255	3.08E-12	MG-Periva: RHOC
PIK3R12	1.11E-16	0.508353	0.747	0.523	3.14E-12	MG-Periva: PIK3R1
CALM13	1.23E-16	0.544833	0.834	0.643	3.47E-12	MG-Periva: CALM1
ITPRIP2	1.24E-16	0.420703	0.543	0.307	3.50E-12	MG-Periva: ITPRIP
FKBP53	1.62E-16	0.368465	0.928	0.708	4.57E-12	MG-Periva: FKBP5
FUS2	1.67E-16	0.447776	0.838	0.612	4.71E-12	MG-Periva: FUS
CAPZB1	1.82E-16	0.41277	0.94	0.759	5.13E-12	MG-Periva: CAPZB
TIPARP	2.01E-16	0.568639	0.43	0.231	5.64E-12	MG-Periva: TIPARP
ITPRIPL2	2.19E-16	0.388703	0.26	0.108	6.17E-12	MG-Periva: ITPRIPL2
AKIRIN11	2.51E-16	0.370415	0.4	0.204	7.07E-12	MG-Periva: AKIRIN1
CCL42	2.69E-16	0.752045	0.977	0.852	7.58E-12	MG-Periva: CCL4
RCOR13	2.84E-16	0.364019	0.43	0.224	7.99E-12	MG-Periva: RCOR1
STAU1	3.60E-16	0.358254	0.404	0.21	1.01E-11	MG-Periva: STAU1
SF12	3.78E-16	0.3781	0.77	0.544	1.06E-11	MG-Periva: SF1
SLC38A22	3.80E-16	0.494772	0.713	0.486	1.07E-11	MG-Periva: SLC38A2
CEP3502	4.27E-16	0.433694	0.589	0.366	1.20E-11	MG-Periva: CEP350
MAPRE11	5.13E-16	0.402948	0.46	0.258	1.44E-11	MG-Periva: MAPRE1
EGR22	5.14E-16	0.571081	0.774	0.504	1.45E-11	MG-Periva: EGR2

PRKCB4	5.30E-16	0.406992	0.449	0.242	1.49E-11	MG-Periva: PRKCB
SERPINB91	5.79E-16	0.392791	0.891	0.637	1.63E-11	MG-Periva: SERPINB9
AGO31	6.94E-16	0.366445	0.43	0.227	1.95E-11	MG-Periva: AGO3
USP121	7.71E-16	0.38834	0.325	0.153	2.17E-11	MG-Periva: USP12
SBDS	9.18E-16	0.377675	0.464	0.259	2.58E-11	MG-Periva: SBDS
C21	1.04E-15	0.377882	0.287	0.125	2.93E-11	MG-Periva: C2
TUT72	1.18E-15	0.486328	0.547	0.325	3.32E-11	MG-Periva: TUT7
CSF2RA4	1.28E-15	0.377133	0.898	0.676	3.59E-11	MG-Periva: CSF2RA
TPM43	1.39E-15	0.302392	0.679	0.423	3.91E-11	MG-Periva: TPM4
RCC22	1.41E-15	0.350324	0.592	0.357	3.96E-11	MG-Periva: RCC2
TMBIM12	1.53E-15	0.421911	0.479	0.272	4.29E-11	MG-Periva: TMBIM1
DUSP52	1.53E-15	0.575593	0.313	0.146	4.30E-11	MG-Periva: DUSP5
ZNF276	1.66E-15	0.314209	0.275	0.119	4.67E-11	MG-Periva: ZNF276
AC008592.	1.82E-15	0.315751	0.264	0.111	5.13E-11	MG-Periva: AC008592.1
WDR912	1.95E-15	0.364294	0.491	0.274	5.49E-11	MG-Periva: WDR91
GNAI31	2.02E-15	0.411386	0.498	0.292	5.67E-11	MG-Periva: GNAI3
ZNF2071	2.21E-15	0.342077	0.6	0.367	6.23E-11	MG-Periva: ZNF207
SETD31	2.32E-15	0.360903	0.355	0.177	6.51E-11	MG-Periva: SETD3
ITGA52	2.59E-15	0.577266	0.347	0.174	7.28E-11	MG-Periva: ITGA5
ADM1	2.68E-15	0.42907	0.294	0.131	7.53E-11	MG-Periva: ADM
GSPT12	3.06E-15	0.318396	0.487	0.273	8.62E-11	MG-Periva: GSPT1
N4BP2L11	3.24E-15	0.51148	0.272	0.121	9.12E-11	MG-Periva: N4BP2L1
LITAF5	3.28E-15	0.395912	0.687	0.446	9.22E-11	MG-Periva: LITAF
SLC25A321	5.58E-15	0.27328	0.374	0.185	1.57E-10	MG-Periva: SLC25A32
KCMF1	5.79E-15	0.366039	0.325	0.159	1.63E-10	MG-Periva: KCMF1
NLRP36	6.06E-15	0.411109	0.755	0.52	1.71E-10	MG-Periva: NLRP3
BCLAF12	6.27E-15	0.345007	0.619	0.392	1.76E-10	MG-Periva: BCLAF1
PPP6R32	8.01E-15	0.314982	0.479	0.269	2.26E-10	MG-Periva: PPP6R3
CCDC2001	8.57E-15	0.590295	0.453	0.251	2.41E-10	MG-Periva: CCDC200
MAN1A13	1.06E-14	0.318991	0.672	0.429	2.98E-10	MG-Periva: MAN1A1
ASXL21	1.11E-14	0.323246	0.336	0.163	3.11E-10	MG-Periva: ASXL2
TMEM65	1.11E-14	0.34088	0.37	0.188	3.13E-10	MG-Periva: TMEM65
WBP4	1.19E-14	0.415436	0.294	0.138	3.34E-10	MG-Periva: WBP4
ATP2A21	1.31E-14	0.328748	0.517	0.301	3.68E-10	MG-Periva: ATP2A2
REL3	1.33E-14	0.504688	0.921	0.749	3.74E-10	MG-Periva: REL
SMU1	1.35E-14	0.30157	0.408	0.217	3.79E-10	MG-Periva: SMU1
SPAG93	1.44E-14	0.300519	0.619	0.383	4.05E-10	MG-Periva: SPAG9
CD835	1.54E-14	0.3223	1	0.912	4.34E-10	MG-Periva: CD83
MIR222HG	1.55E-14	0.449556	0.494	0.29	4.36E-10	MG-Periva: MIR222HG
AL390957..	1.72E-14	0.400844	0.551	0.332	4.85E-10	MG-Periva: AL390957.1
RTTN1	1.94E-14	0.535847	0.294	0.136	5.45E-10	MG-Periva: RTTN
CDV32	1.94E-14	0.38508	0.615	0.397	5.47E-10	MG-Periva: CDV3
PITPNB1	1.99E-14	0.363901	0.358	0.183	5.59E-10	MG-Periva: PITPNB
GK3	2.00E-14	0.435326	0.589	0.36	5.62E-10	MG-Periva: GK
PNPLA82	2.35E-14	0.378842	0.498	0.289	6.62E-10	MG-Periva: PNPLA8
ATXN2L1	2.80E-14	0.41043	0.419	0.236	7.89E-10	MG-Periva: ATXN2L
LAPTM51	2.87E-14	0.317312	0.989	0.898	8.08E-10	MG-Periva: LAPTM5

U2AF2	3.80E-14	0.302096	0.321	0.156	1.07E-09	MG-Periva: U2AF2
FMN13	3.82E-14	0.498817	0.623	0.406	1.08E-09	MG-Periva: FMN1
ADRM11	3.83E-14	0.388898	0.434	0.253	1.08E-09	MG-Periva: ADRM1
PFDN21	3.93E-14	0.396921	0.483	0.284	1.10E-09	MG-Periva: PFDN2
MAN2A12	4.08E-14	0.499429	0.57	0.372	1.15E-09	MG-Periva: MAN2A1
ZBTB7A1	4.13E-14	0.418533	0.351	0.183	1.16E-09	MG-Periva: ZBTB7A
SH2B35	4.19E-14	0.352068	0.596	0.369	1.18E-09	MG-Periva: SH2B3
CSNK1A13	4.81E-14	0.394296	0.721	0.501	1.35E-09	MG-Periva: CSNK1A1
RNF1494	5.25E-14	0.433214	0.777	0.564	1.48E-09	MG-Periva: RNF149
AHI11	5.28E-14	0.573676	0.302	0.147	1.49E-09	MG-Periva: AHI1
AL135905.2	5.29E-14	0.301691	0.396	0.21	1.49E-09	MG-Periva: AL135905.2
DUSP13	5.36E-14	0.33367	0.996	0.943	1.51E-09	MG-Periva: DUSP1
CSF1R1	5.43E-14	0.428282	0.962	0.801	1.53E-09	MG-Periva: CSF1R
GDI11	5.65E-14	0.418771	0.434	0.252	1.59E-09	MG-Periva: GDI1
PACSIN22	6.93E-14	0.453696	0.547	0.353	1.95E-09	MG-Periva: PACSIN2
RPS101	7.80E-14	0.333202	0.257	0.114	2.20E-09	MG-Periva: RPS10
HAT1	7.90E-14	0.292866	0.291	0.136	2.22E-09	MG-Periva: HAT1
RLIM	8.65E-14	0.341287	0.472	0.273	2.43E-09	MG-Periva: RLIM
DTX2	9.51E-14	0.367574	0.309	0.153	2.68E-09	MG-Periva: DTX2
ECD	1.02E-13	0.332446	0.415	0.227	2.88E-09	MG-Periva: ECD
GNA133	1.20E-13	0.288663	0.838	0.603	3.38E-09	MG-Periva: GNA13
ISG20L2	1.23E-13	0.374153	0.358	0.186	3.47E-09	MG-Periva: ISG20L2
AC253572.2	1.34E-13	0.408302	0.551	0.329	3.77E-09	MG-Periva: AC253572.2
RAB5C1	1.35E-13	0.3591	0.649	0.433	3.79E-09	MG-Periva: RAB5C
ITGA9	1.35E-13	0.362616	0.283	0.132	3.79E-09	MG-Periva: ITGA9
KAT6A1	1.36E-13	0.304609	0.385	0.205	3.83E-09	MG-Periva: KAT6A
KHDRBS11	1.36E-13	0.366565	0.562	0.36	3.84E-09	MG-Periva: KHDRBS1
MAML22	1.46E-13	0.525569	0.751	0.552	4.10E-09	MG-Periva: MAML2
RBM14	1.47E-13	0.282051	0.306	0.147	4.13E-09	MG-Periva: RBM14
SNRPB1	1.53E-13	0.404371	0.525	0.336	4.30E-09	MG-Periva: SNRPB
PRXL2C2	1.56E-13	0.376088	0.434	0.246	4.40E-09	MG-Periva: PRXL2C
FBXW113	1.75E-13	0.290649	0.558	0.339	4.91E-09	MG-Periva: FBXW11
KCTD51	1.76E-13	0.386362	0.279	0.132	4.96E-09	MG-Periva: KCTD5
TBC1D161	1.93E-13	0.306342	0.396	0.211	5.42E-09	MG-Periva: TBC1D16
DDX39B1	1.99E-13	0.358279	0.589	0.381	5.61E-09	MG-Periva: DDX39B
NCOR22	2.81E-13	0.338479	0.679	0.451	7.90E-09	MG-Periva: NCOR2
CHD72	3.12E-13	0.356477	0.521	0.314	8.78E-09	MG-Periva: CHD7
ATP11A	3.14E-13	0.462547	0.351	0.184	8.85E-09	MG-Periva: ATP11A
TWF22	3.87E-13	0.400827	0.509	0.313	1.09E-08	MG-Periva: TWF2
EIF1B3	4.13E-13	0.326099	0.555	0.348	1.16E-08	MG-Periva: EIF1B
RBMX2	4.31E-13	0.318054	0.638	0.417	1.21E-08	MG-Periva: RBMX
PTBP11	4.44E-13	0.370912	0.426	0.246	1.25E-08	MG-Periva: PTBP1
SLC30A7	6.03E-13	0.417185	0.257	0.121	1.70E-08	MG-Periva: SLC30A7
MAGT11	6.23E-13	0.355078	0.442	0.257	1.75E-08	MG-Periva: MAGT1
EHBP1L11	6.27E-13	0.473754	0.37	0.208	1.77E-08	MG-Periva: EHBP1L1
IER5L2	6.35E-13	0.403927	0.475	0.283	1.79E-08	MG-Periva: IER5L
SGTA1	6.78E-13	0.297509	0.279	0.133	1.91E-08	MG-Periva: SGTA

ETV62	7.13E-13	0.354888	0.758	0.55	2.01E-08	MG-Periva:ETV6
ITGAV3	7.31E-13	0.436918	0.657	0.453	2.06E-08	MG-Periva:ITGAV
CPSF61	7.61E-13	0.327401	0.404	0.226	2.14E-08	MG-Periva:CPSF6
GNAS2	7.79E-13	0.370644	0.921	0.715	2.19E-08	MG-Periva:GNAS
TP53I111	7.80E-13	0.326162	0.317	0.16	2.20E-08	MG-Periva:TP53I111
USP111	8.04E-13	0.346907	0.362	0.194	2.26E-08	MG-Periva:USP111
QSER1	8.19E-13	0.266596	0.257	0.116	2.31E-08	MG-Periva:QSER1
CLTC1	8.34E-13	0.308756	0.558	0.355	2.35E-08	MG-Periva:CLTC
KMT5A1	8.81E-13	0.372932	0.268	0.128	2.48E-08	MG-Periva:KMT5A
ARF63	8.95E-13	0.363751	0.502	0.307	2.52E-08	MG-Periva:ARF6
ST3GAL11	9.18E-13	0.316986	0.408	0.228	2.58E-08	MG-Periva:ST3GAL11
PDK43	9.96E-13	0.536861	0.796	0.612	2.80E-08	MG-Periva:PDK4
GPN31	1.08E-12	0.394382	0.408	0.231	3.04E-08	MG-Periva:GPN3
HNRNPA31	1.18E-12	0.34034	0.762	0.552	3.32E-08	MG-Periva:HNRNPA3
MED14	1.26E-12	0.280383	0.253	0.115	3.55E-08	MG-Periva:MED14
ARF12	1.29E-12	0.309433	0.774	0.542	3.62E-08	MG-Periva:ARF1
TM6SF11	1.33E-12	0.374031	0.679	0.482	3.75E-08	MG-Periva:TM6SF1
AEBP2	1.40E-12	0.268015	0.26	0.12	3.95E-08	MG-Periva:AEBP2
HNRNPU1	1.49E-12	0.32455	0.804	0.621	4.21E-08	MG-Periva:HNRNPU
TWF1	1.50E-12	0.322412	0.264	0.125	4.21E-08	MG-Periva:TWF1
GPR343	1.51E-12	0.512994	0.83	0.64	4.25E-08	MG-Periva:GPR34
ANKLE21	1.64E-12	0.280588	0.317	0.16	4.60E-08	MG-Periva:ANKLE2
EWSR11	1.65E-12	0.339552	0.634	0.431	4.63E-08	MG-Periva:EWSR1
DENND5A3	1.69E-12	0.334822	0.442	0.257	4.75E-08	MG-Periva:DENND5A
GABARAPL	1.73E-12	0.448131	0.626	0.432	4.87E-08	MG-Periva:GABARAPL2
LTBP3	1.78E-12	0.358834	0.253	0.119	5.01E-08	MG-Periva:LTBP3
GATAD2A1	1.96E-12	0.311705	0.298	0.149	5.50E-08	MG-Periva:GATAD2A
CDC731	2.35E-12	0.288132	0.408	0.231	6.60E-08	MG-Periva:CDC73
MAP4K44	2.64E-12	0.299815	0.589	0.372	7.43E-08	MG-Periva:MAP4K4
JMJD62	2.87E-12	0.337995	0.445	0.259	8.08E-08	MG-Periva:JMJD6
PSMD12	2.89E-12	0.368391	0.336	0.181	8.13E-08	MG-Periva:PSMD12
SLC11A13	3.11E-12	0.352476	0.849	0.635	8.74E-08	MG-Periva:SLC11A1
MAPK1IP11	3.57E-12	0.3108	0.494	0.305	1.00E-07	MG-Periva:MAPK1IP1L
XPR12	4.23E-12	0.354247	0.389	0.216	1.19E-07	MG-Periva:XPR1
KBTBD8	4.72E-12	0.346118	0.283	0.141	1.33E-07	MG-Periva:KBTBD8
CRK1	5.15E-12	0.331888	0.325	0.171	1.45E-07	MG-Periva:CRK
ELK31	5.44E-12	0.37998	0.358	0.199	1.53E-07	MG-Periva:ELK3
TMEM117	5.62E-12	0.299354	0.325	0.167	1.58E-07	MG-Periva:TMEM117
RRBP13	5.65E-12	0.348388	0.457	0.279	1.59E-07	MG-Periva:RRBP1
C16orf72	5.70E-12	0.281419	0.343	0.182	1.60E-07	MG-Periva:C16orf72
RAB21	5.99E-12	0.283692	0.389	0.22	1.68E-07	MG-Periva:RAB21
MAP4K34	6.05E-12	0.357487	0.725	0.511	1.70E-07	MG-Periva:MAP4K3
LINC01970	6.21E-12	0.454347	0.306	0.157	1.75E-07	MG-Periva:LINC01970
RBM8A1	6.46E-12	0.321446	0.577	0.377	1.82E-07	MG-Periva:RBM8A
RELA1	7.67E-12	0.332428	0.313	0.166	2.16E-07	MG-Periva:RELA
CTDSP11	8.07E-12	0.277197	0.528	0.325	2.27E-07	MG-Periva:CTDSP1
OFD12	8.16E-12	0.394672	0.404	0.234	2.30E-07	MG-Periva:OFD1

CTSC1	8.42E-12	0.51935	0.755	0.59	2.37E-07	MG-Periva: CTSC
NONO	9.76E-12	0.270343	0.468	0.281	2.75E-07	MG-Periva: NONO
SKI2	1.01E-11	0.291643	0.574	0.378	2.85E-07	MG-Periva: SKI
RAP1A2	1.20E-11	0.307327	0.751	0.544	3.39E-07	MG-Periva: RAP1A
CDC14B2	1.30E-11	0.312275	0.306	0.156	3.65E-07	MG-Periva: CDC14B
EIF4G22	1.33E-11	0.327961	0.706	0.511	3.74E-07	MG-Periva: EIF4G2
ARRB21	1.37E-11	0.349358	0.83	0.616	3.85E-07	MG-Periva: ARRB2
GSTM21	1.39E-11	0.32394	0.483	0.296	3.91E-07	MG-Periva: GSTM2
ATF32	1.46E-11	0.334384	0.815	0.584	4.11E-07	MG-Periva: ATF3
FMNL12	1.48E-11	0.286362	0.562	0.355	4.16E-07	MG-Periva: FMNL1
FAR2	1.58E-11	0.280114	0.392	0.22	4.46E-07	MG-Periva: FAR2
EMD2	1.84E-11	0.327871	0.449	0.278	5.18E-07	MG-Periva: EMD
PDGFB3	1.87E-11	0.333104	0.555	0.357	5.25E-07	MG-Periva: PDGFB
EIF2S1	1.91E-11	0.297623	0.268	0.134	5.36E-07	MG-Periva: EIF2S1
CYTH41	1.97E-11	0.374799	0.4	0.236	5.53E-07	MG-Periva: CYTH4
ACADVL2	2.00E-11	0.376649	0.46	0.296	5.62E-07	MG-Periva: ACADVL
SOD23	2.13E-11	0.434902	0.8	0.581	6.00E-07	MG-Periva: SOD2
SARNP2	2.33E-11	0.275105	0.442	0.266	6.54E-07	MG-Periva: SARNP
RALY1	2.38E-11	0.351227	0.619	0.436	6.70E-07	MG-Periva: RALY
SELENOS4	2.97E-11	0.385949	0.426	0.261	8.35E-07	MG-Periva: SELENOS
ADAM172	3.38E-11	0.324594	0.668	0.46	9.52E-07	MG-Periva: ADAM17
FAM102B2	3.50E-11	0.310812	0.445	0.267	9.84E-07	MG-Periva: FAM102B
KDELR22	3.60E-11	0.322905	0.479	0.301	1.01E-06	MG-Periva: KDELR2
STK38L2	3.89E-11	0.281001	0.536	0.33	1.10E-06	MG-Periva: STK38L
VSIG42	4.07E-11	0.409351	0.732	0.533	1.15E-06	MG-Periva: VSIG4
EIF3I	4.45E-11	0.343263	0.426	0.266	1.25E-06	MG-Periva: EIF3I
KLHL51	4.98E-11	0.338327	0.487	0.31	1.40E-06	MG-Periva: KLHL5
HIPK32	5.18E-11	0.369985	0.445	0.277	1.46E-06	MG-Periva: HIPK3
ODC13	6.00E-11	0.299106	0.468	0.287	1.69E-06	MG-Periva: ODC1
ALOX52	6.28E-11	0.53746	0.634	0.472	1.77E-06	MG-Periva: ALOX5
LHFPL22	6.28E-11	0.255515	0.86	0.641	1.77E-06	MG-Periva: LHFPL2
YTHDF3	6.64E-11	0.306396	0.396	0.235	1.87E-06	MG-Periva: YTHDF3
NPL2	7.65E-11	0.329048	0.517	0.337	2.15E-06	MG-Periva: NPL
CDK2AP11	7.77E-11	0.431727	0.558	0.38	2.19E-06	MG-Periva: CDK2AP1
SRRT	8.03E-11	0.259906	0.291	0.151	2.26E-06	MG-Periva: SRRT
UFM12	9.83E-11	0.305972	0.385	0.229	2.77E-06	MG-Periva: UFM1
CTNNA11	1.01E-10	0.270543	0.449	0.282	2.83E-06	MG-Periva: CTNNA1
DNAJC5	1.05E-10	0.270499	0.283	0.146	2.94E-06	MG-Periva: DNAJC5
SEC16A	1.17E-10	0.300111	0.279	0.146	3.28E-06	MG-Periva: SEC16A
AGO22	1.24E-10	0.273536	0.313	0.17	3.48E-06	MG-Periva: AGO2
PTPN122	1.29E-10	0.300525	0.317	0.173	3.63E-06	MG-Periva: PTPN12
ARMCX31	1.36E-10	0.293414	0.381	0.223	3.84E-06	MG-Periva: ARMCX3
PPP2CA1	1.39E-10	0.299007	0.543	0.362	3.91E-06	MG-Periva: PPP2CA
ZNF577	1.39E-10	0.305092	0.294	0.153	3.92E-06	MG-Periva: ZNF577
ITGB12	1.54E-10	0.258487	0.54	0.357	4.33E-06	MG-Periva: ITGB1
CUL31	1.59E-10	0.259907	0.442	0.271	4.47E-06	MG-Periva: CUL3
CUL1	1.73E-10	0.250874	0.381	0.224	4.88E-06	MG-Periva: CUL1

FKBP1A2	1.77E-10	0.309507	0.457	0.293	4.99E-06	MG-Periva:FKBP1A
SUN21	1.83E-10	0.310444	0.306	0.165	5.14E-06	MG-Periva:SUN2
LTC4S2	1.84E-10	0.322064	0.725	0.512	5.18E-06	MG-Periva:LTC4S
EIF1AX1	1.91E-10	0.267702	0.491	0.314	5.39E-06	MG-Periva:EIF1AX
C12orf752	1.98E-10	0.273014	0.419	0.249	5.56E-06	MG-Periva:C12orf75
SAT14	2.03E-10	0.38878	1	0.97	5.70E-06	MG-Periva:SAT1
RNF1451	2.03E-10	0.410471	0.404	0.248	5.71E-06	MG-Periva:RNF145
AC002451.	2.16E-10	0.269252	0.272	0.135	6.07E-06	MG-Periva:AC002451.1
PTMS2	2.16E-10	0.309202	0.408	0.248	6.08E-06	MG-Periva:PTMS
GEM	2.16E-10	0.426001	0.264	0.132	6.09E-06	MG-Periva:GEM
SLC66A21	2.18E-10	0.286744	0.343	0.195	6.14E-06	MG-Periva:SLC66A2
FBXO112	2.34E-10	0.256383	0.543	0.36	6.59E-06	MG-Periva:FBXO11
RPS6KA31	2.36E-10	0.317328	0.513	0.34	6.63E-06	MG-Periva:RPS6KA3
GCH11	2.42E-10	0.350761	0.343	0.192	6.82E-06	MG-Periva:GCH1
LYST1	2.66E-10	0.397369	0.385	0.228	7.49E-06	MG-Periva:LYST
NCOA33	2.84E-10	0.399488	0.509	0.338	7.99E-06	MG-Periva:NCOA3
NUMB3	2.85E-10	0.280719	0.551	0.372	8.03E-06	MG-Periva:NUMB
ACSL34	3.29E-10	0.288627	0.426	0.261	9.27E-06	MG-Periva:ACSL3
POGZ1	3.33E-10	0.286754	0.374	0.221	9.36E-06	MG-Periva:POGZ
DNM21	3.36E-10	0.260177	0.604	0.416	9.45E-06	MG-Periva:DNM2
NUDT4	3.50E-10	0.405751	0.325	0.18	9.84E-06	MG-Periva:NUDT4
FPR31	3.61E-10	0.294492	0.34	0.192	1.02E-05	MG-Periva:FPR3
PMEPA14	3.69E-10	0.319901	0.536	0.355	1.04E-05	MG-Periva:PMEPA1
ATP6VOA11	3.89E-10	0.309096	0.396	0.237	1.10E-05	MG-Periva:ATP6VOA1
NCL2	3.91E-10	0.271434	0.8	0.597	1.10E-05	MG-Periva:NCL
TRIP123	4.06E-10	0.28807	0.472	0.302	1.14E-05	MG-Periva:TRIP12
SEC24B	4.07E-10	0.286828	0.298	0.161	1.15E-05	MG-Periva:SEC24B
RNF168	4.70E-10	0.280036	0.291	0.156	1.32E-05	MG-Periva:RNF168
PTPRE4	4.73E-10	0.43802	0.668	0.507	1.33E-05	MG-Periva:PTPRE
EP400	5.03E-10	0.300942	0.291	0.158	1.41E-05	MG-Periva:EP400
TCF122	5.35E-10	0.289271	0.74	0.559	1.50E-05	MG-Periva:TCF12
GPRIN32	5.37E-10	0.406464	0.415	0.262	1.51E-05	MG-Periva:GPRIN3
AL136987.1	5.46E-10	0.30657	0.468	0.295	1.54E-05	MG-Periva:AL136987.1
TMEM52B	5.48E-10	0.268217	0.491	0.314	1.54E-05	MG-Periva:TMEM52B
IFITM10	6.00E-10	0.379573	0.389	0.237	1.69E-05	MG-Periva:IFITM10
PRKAB11	6.67E-10	0.297689	0.366	0.214	1.88E-05	MG-Periva:PRKAB1
RNH13	7.00E-10	0.346077	0.502	0.34	1.97E-05	MG-Periva:RNH1
SON1	7.67E-10	0.258433	0.917	0.702	2.16E-05	MG-Periva:SON
YTHDF2	7.86E-10	0.287558	0.389	0.236	2.21E-05	MG-Periva:YTHDF2
ILF31	7.93E-10	0.260269	0.46	0.297	2.23E-05	MG-Periva:ILF3
TGFB11	7.94E-10	0.325926	0.815	0.674	2.23E-05	MG-Periva:TGFB1
E2F41	9.07E-10	0.255661	0.317	0.178	2.55E-05	MG-Periva:E2F4
ADGRE22	9.22E-10	0.363453	0.366	0.217	2.59E-05	MG-Periva:ADGRE2
NPTN1	9.86E-10	0.313478	0.377	0.229	2.77E-05	MG-Periva:NPTN
CCNY2	1.02E-09	0.305861	0.494	0.338	2.87E-05	MG-Periva:CCNY
XRN2	1.06E-09	0.299192	0.445	0.288	2.98E-05	MG-Periva:XRN2
ING1	1.08E-09	0.329674	0.279	0.15	3.03E-05	MG-Periva:ING1

DNAJA2	1.27E-09	0.278519	0.336	0.196	3.58E-05	MG-Periva: DNAJA2
SAMD4B	1.30E-09	0.253893	0.283	0.153	3.66E-05	MG-Periva: SAMD4B
SRSF41	1.36E-09	0.286543	0.475	0.316	3.82E-05	MG-Periva: SRSF4
HMOX13	1.37E-09	0.452931	0.743	0.546	3.86E-05	MG-Periva: HMOX1
NOL71	1.42E-09	0.335014	0.521	0.357	3.98E-05	MG-Periva: NOL7
MBD6	1.43E-09	0.281398	0.26	0.136	4.01E-05	MG-Periva: MBD6
FUNDC2	1.46E-09	0.304642	0.423	0.264	4.10E-05	MG-Periva: FUNDC2
ARL8A2	1.52E-09	0.284552	0.336	0.195	4.28E-05	MG-Periva: ARL8A
ARHGEF2	1.54E-09	0.361944	0.343	0.204	4.33E-05	MG-Periva: ARHGEF2
HNRNPH31	1.57E-09	0.276934	0.509	0.338	4.42E-05	MG-Periva: HNRNPH3
RAB8B	1.69E-09	0.253908	0.347	0.203	4.74E-05	MG-Periva: RAB8B
RRAGA1	1.71E-09	0.411254	0.377	0.232	4.81E-05	MG-Periva: RRAGA
AL078590.1	1.79E-09	0.320327	0.645	0.44	5.05E-05	MG-Periva: AL078590.2
ARPC5L1	1.85E-09	0.261577	0.253	0.132	5.21E-05	MG-Periva: ARPC5L
SZRD1	1.93E-09	0.275396	0.302	0.171	5.44E-05	MG-Periva: SZRD1
BAIAP22	1.96E-09	0.317393	0.362	0.215	5.52E-05	MG-Periva: BAIAP2
NT5C21	2.17E-09	0.280224	0.43	0.272	6.10E-05	MG-Periva: NT5C2
DELE11	2.33E-09	0.275428	0.362	0.217	6.56E-05	MG-Periva: DELE1
ELL	2.96E-09	0.250564	0.302	0.17	8.33E-05	MG-Periva: ELL
EIF4H1	3.11E-09	0.254773	0.551	0.372	8.76E-05	MG-Periva: EIF4H
SPIN11	3.33E-09	0.257864	0.302	0.17	9.36E-05	MG-Periva: SPIN1
ILF21	3.49E-09	0.257518	0.449	0.292	9.81E-05	MG-Periva: ILF2
ARL8B3	3.80E-09	0.322867	0.491	0.332	0.000107	MG-Periva: ARL8B
SH3BP21	4.45E-09	0.287089	0.362	0.221	0.000125	MG-Periva: SH3BP2
KLF43	4.50E-09	0.329164	0.694	0.51	0.000127	MG-Periva: KLF4
PNPLA21	4.63E-09	0.281589	0.502	0.342	0.00013	MG-Periva: PNPLA2
JAK13	4.82E-09	0.357873	0.623	0.447	0.000136	MG-Periva: JAK1
TCEAL31	4.90E-09	0.267082	0.34	0.2	0.000138	MG-Periva: TCEAL3
MANF2	5.07E-09	0.265992	0.26	0.14	0.000143	MG-Periva: MANF
ALDOA5	5.15E-09	0.259047	0.626	0.457	0.000145	MG-Periva: ALDOA
SLCO2B13	6.74E-09	0.266137	0.728	0.546	0.00019	MG-Periva: SLCO2B1
HCK1	7.45E-09	0.287807	0.513	0.343	0.00021	MG-Periva: HCK
PUF601	7.79E-09	0.301184	0.374	0.238	0.000219	MG-Periva: PUF60
AC243829.1	7.97E-09	0.27095	0.317	0.183	0.000224	MG-Periva: AC243829.4
BCAP313	8.41E-09	0.349728	0.611	0.454	0.000237	MG-Periva: BCAP31
VDAC12	9.03E-09	0.302368	0.445	0.3	0.000254	MG-Periva: VDAC1
AFF12	1.04E-08	0.314159	0.46	0.302	0.000293	MG-Periva: AFF1
MERTK2	1.06E-08	0.266146	0.577	0.409	0.000298	MG-Periva: MERTK
CASS41	1.07E-08	0.33542	0.374	0.233	0.000302	MG-Periva: CASS4
GNA151	1.11E-08	0.282937	0.325	0.195	0.000312	MG-Periva: GNA15
EGR32	1.14E-08	0.296624	0.657	0.458	0.00032	MG-Periva: EGR3
MACF12	1.14E-08	0.308881	0.604	0.447	0.000322	MG-Periva: MACF1
MRC21	1.16E-08	0.262862	0.306	0.174	0.000326	MG-Periva: MRC2
RAPH11	1.23E-08	0.269598	0.479	0.319	0.000345	MG-Periva: RAPH1
PSMA12	1.28E-08	0.298377	0.63	0.459	0.000361	MG-Periva: PSMA1
DEK	1.32E-08	0.272725	0.536	0.38	0.000371	MG-Periva: DEK
PLD32	1.33E-08	0.270905	0.513	0.348	0.000374	MG-Periva: PLD3

NAIP	1.47E-08	0.351459	0.509	0.359	0.000413	MG-Periva: NAIP
MAP1LC3B	1.47E-08	0.274243	0.589	0.423	0.000414	MG-Periva: MAP1LC3B
REST1	1.64E-08	0.298891	0.272	0.153	0.000461	MG-Periva: REST
LIPA3	1.70E-08	0.255516	0.498	0.334	0.000478	MG-Periva: LIPA
PGM21	1.85E-08	0.253512	0.287	0.166	0.00052	MG-Periva: PGM2
ZFYVE161	1.99E-08	0.326126	0.294	0.172	0.00056	MG-Periva: ZFYVE16
KDM2B1	2.04E-08	0.346261	0.302	0.18	0.000574	MG-Periva: KDM2B
OAT1	2.07E-08	0.288799	0.313	0.185	0.000583	MG-Periva: OAT
SRSF61	2.18E-08	0.255558	0.309	0.184	0.000613	MG-Periva: SRSF6
TMOD11	2.25E-08	0.273092	0.291	0.164	0.000634	MG-Periva: TMOD1
SUB13	2.28E-08	0.267827	0.608	0.45	0.000641	MG-Periva: SUB1
Mar-72	2.42E-08	0.253712	0.415	0.271	0.000682	MG-Periva: 7-Mar
ORMDL11	2.53E-08	0.308604	0.483	0.334	0.000712	MG-Periva: ORMDL1
RBMS11	2.85E-08	0.254355	0.389	0.251	0.000803	MG-Periva: RBMS1
SDCBP2	4.13E-08	0.38421	0.819	0.641	0.001162	MG-Periva: SDCBP
PIEZO11	4.44E-08	0.297003	0.321	0.195	0.001251	MG-Periva: PIEZO1
HIVEP11	7.74E-08	0.258727	0.264	0.15	0.002179	MG-Periva: HIVEP1
P3H2	8.99E-08	0.332633	0.268	0.153	0.00253	MG-Periva: P3H2
MCUB1	9.67E-08	0.337709	0.287	0.171	0.002722	MG-Periva: MCUB
TUBA1C2	1.22E-07	0.307415	0.438	0.299	0.00343	MG-Periva: TUBA1C
HERC4	1.22E-07	0.286953	0.291	0.172	0.003434	MG-Periva: HERC4
GNB23	1.52E-07	0.262376	0.608	0.459	0.00428	MG-Periva: GNB2
TXN4	1.98E-07	0.578493	0.294	0.186	0.005567	MG-Periva: TXN
CCNK	1.98E-07	0.296797	0.302	0.185	0.00557	MG-Periva: CCNK
RGL21	2.40E-07	0.275128	0.264	0.156	0.00676	MG-Periva: RGL2
WDFY32	2.42E-07	0.255338	0.37	0.237	0.006806	MG-Periva: WDFY3
PLA2G4A2	2.47E-07	0.306662	0.521	0.376	0.006943	MG-Periva: PLA2G4A
ACER3	2.81E-07	0.271313	0.37	0.238	0.00791	MG-Periva: ACER3
MSR14	4.01E-07	0.338237	0.728	0.579	0.011285	MG-Periva: MSR1
PPP4R2	4.15E-07	0.256181	0.34	0.218	0.011678	MG-Periva: PPP4R2
IFNGR13	4.37E-07	0.268591	0.834	0.697	0.012306	MG-Periva: IFNGR1
JARID25	4.51E-07	0.277547	0.404	0.275	0.01268	MG-Periva: JARID2
MBD41	5.29E-07	0.279832	0.351	0.226	0.014893	MG-Periva: MBD4
ELMSAN1	5.91E-07	0.353339	0.283	0.175	0.01662	MG-Periva: ELMSAN1
SLC25A371	8.23E-07	0.304883	0.604	0.469	0.023162	MG-Periva: SLC25A37
SURF4	2.24E-06	0.271496	0.306	0.2	0.062951	MG-Periva: SURF4
FLOT12	2.75E-06	0.284657	0.551	0.42	0.077263	MG-Periva: FLOT1
RGS24	6.39E-06	0.3649	0.698	0.564	0.179879	MG-Periva: RGS2
AC091271.	6.84E-06	0.252533	0.268	0.167	0.192529	MG-Periva: AC091271.1
CHSY3	7.89E-06	0.281655	0.253	0.158	0.221882	MG-Periva: CHSY3
AKIRIN23	1.02E-05	0.255598	0.415	0.305	0.285714	MG-Periva: AKIRIN2
AL392172.:	1.50E-05	0.259583	0.306	0.204	0.422725	MG-Periva: AL392172.1
SSH1	4.77E-05	0.256837	0.336	0.243	1	MG-Periva: SSH1
HAMP2	6.38E-05	1.338593	0.449	0.365	1	MG-Periva: HAMP
LY96	0.000477	0.310247	0.381	0.294	1	MG-Periva: LY96

Supplementary Table 5: DEGs for Figure 2E

	p_val	avg_log2FC	pct.1	pct.2	p_val_adj	cluster	gene
CD8A	0	1.770838	0.85	0.261	0	CD8.Tearly	CD8A
CD8B	0	1.578215	0.705	0.186	0	CD8.Tearly	CD8B
GZMK	0	1.520261	0.822	0.355	0	CD8.Tearly	GZMK
CCL5	0	1.38054	0.99	0.659	0	CD8.Tearly	CCL5
GZMH	0	1.220283	0.656	0.251	0	CD8.Tearly	GZMH
GZMA	0	1.026231	0.844	0.479	0	CD8.Tearly	GZMA
DUSP4	0	0.980893	0.453	0.187	0	CD8.Tearly	DUSP4
CCL4	0	0.920698	0.917	0.652	0	CD8.Tearly	CCL4
CRTAM	0	0.902432	0.271	0.094	0	CD8.Tearly	CRTAM
CST7	0	0.859239	0.86	0.518	0	CD8.Tearly	CST7
TUBA4A	0	0.817548	0.682	0.469	0	CD8.Tearly	TUBA4A
CXCR4	0	0.723926	0.94	0.763	0	CD8.Tearly	CXCR4
RGS1	0	0.717126	0.794	0.542	0	CD8.Tearly	RGS1
DUSP2	0	0.711047	0.921	0.686	0	CD8.Tearly	DUSP2
CD3D	0	0.663925	0.81	0.551	0	CD8.Tearly	CD3D
ITM2C	0	0.649604	0.437	0.222	0	CD8.Tearly	ITM2C
IL32	0	0.619536	0.923	0.72	0	CD8.Tearly	IL32
CYTOR	0	0.610671	0.474	0.252	0	CD8.Tearly	CYTOR
KLRK1	0	0.599375	0.563	0.304	0	CD8.Tearly	KLRK1
CD3E	0	0.564815	0.912	0.698	0	CD8.Tearly	CD3E
RPS27	0	0.540247	0.995	0.922	0	CD8.Tearly	RPS27
ZFP36L2	0	0.531647	0.983	0.909	0	CD8.Tearly	ZFP36L2
BTG1	0	0.523946	0.991	0.918	0	CD8.Tearly	BTG1
RPS29	0	0.509131	0.915	0.776	0	CD8.Tearly	RPS29
HLA-A	0	0.471565	0.982	0.914	0	CD8.Tearly	HLA-A
TMSB4X	0	0.449655	0.995	0.93	0	CD8.Tearly	TMSB4X
HLA-B	0	0.434327	0.995	0.947	0	CD8.Tearly	HLA-B
RPS15A	0	0.389832	0.995	0.907	0	CD8.Tearly	RPS15A
NKG7	0	0.332155	0.839	0.445	0	CD8.Tearly	NKG7
B2M	0	0.311483	1	0.964	0	CD8.Tearly	B2M
RPS3	1.44E-298	0.362351	0.994	0.898	4.05E-294	CD8.Tearly	RPS3
PPDPF	8.64E-296	0.510066	0.858	0.69	2.43E-291	CD8.Tearly	PPDPF
RPL23A	1.05E-291	0.403729	0.956	0.836	2.95E-287	CD8.Tearly	RPL23A
TERF2IP	1.47E-278	0.639665	0.599	0.408	4.15E-274	CD8.Tearly	TERF2IP
PTPRCAP	6.82E-272	0.713601	0.599	0.397	1.92E-267	CD8.Tearly	PTPRCAP
CTSW	1.56E-270	0.33363	0.712	0.447	4.38E-266	CD8.Tearly	CTSW
H3F3B	7.11E-267	0.490558	0.974	0.879	2.00E-262	CD8.Tearly	H3F3B
IFNG	8.66E-266	0.817423	0.281	0.12	2.44E-261	CD8.Tearly	IFNG
SH3BGRL3	1.94E-264	0.448648	0.919	0.78	5.46E-260	CD8.Tearly	SH3BGRL3
RPL28	6.47E-260	0.316511	0.995	0.926	1.82E-255	CD8.Tearly	RPL28
ATP5F1E	2.41E-259	0.430611	0.897	0.763	6.79E-255	CD8.Tearly	ATP5F1E
ITM2A	1.42E-258	0.666969	0.541	0.355	4.00E-254	CD8.Tearly	ITM2A
UBC	5.49E-251	0.363086	0.967	0.867	1.55E-246	CD8.Tearly	UBC
TNFSF9	1.43E-246	0.767676	0.288	0.134	4.02E-242	CD8.Tearly	TNFSF9
GAPDH	3.71E-245	0.454208	0.924	0.794	1.04E-240	CD8.Tearly	GAPDH

SRSF2	1.08E-243	0.58281	0.69	0.535	3.05E-239	CD8.Tearly	SRSF2
LAG3	8.14E-242	0.503623	0.292	0.132	2.29E-237	CD8.Tearly	LAG3
EIF1	1.13E-239	0.376243	0.98	0.896	3.18E-235	CD8.Tearly	EIF1
SRSF7	2.14E-238	0.503918	0.825	0.687	6.03E-234	CD8.Tearly	SRSF7
CD3G	1.88E-235	0.512114	0.591	0.399	5.30E-231	CD8.Tearly	CD3G
COTL1	2.22E-234	0.56955	0.645	0.459	6.24E-230	CD8.Tearly	COTL1
ZNF683	6.52E-233	0.550335	0.276	0.121	1.83E-228	CD8.Tearly	ZNF683
RPL7A	8.69E-230	0.321005	0.987	0.883	2.44E-225	CD8.Tearly	RPL7A
GZMM	3.21E-228	0.517328	0.546	0.355	9.02E-224	CD8.Tearly	GZMM
PLAAT4	5.15E-227	0.47618	0.718	0.554	1.45E-222	CD8.Tearly	PLAAT4
HCST	2.23E-225	0.415632	0.836	0.673	6.27E-221	CD8.Tearly	HCST
ARHGDIB	1.05E-221	0.371019	0.914	0.814	2.95E-217	CD8.Tearly	ARHGDIB
CLEC2B	1.05E-221	0.56889	0.552	0.377	2.95E-217	CD8.Tearly	CLEC2B
CD2	1.41E-221	0.442318	0.725	0.538	3.98E-217	CD8.Tearly	CD2
CITED2	3.34E-221	0.652108	0.633	0.455	9.39E-217	CD8.Tearly	CITED2
JMJD6	1.10E-218	0.57406	0.401	0.235	3.10E-214	CD8.Tearly	JMJD6
HERPUD1	1.36E-215	0.551896	0.652	0.476	3.82E-211	CD8.Tearly	HERPUD1
RUNX3	5.76E-211	0.41826	0.714	0.535	1.62E-206	CD8.Tearly	RUNX3
HLA-DPB1	8.13E-210	0.298969	0.552	0.335	2.29E-205	CD8.Tearly	HLA-DPB1
JUNB	9.92E-209	0.430857	0.956	0.854	2.79E-204	CD8.Tearly	JUNB
LSP1	1.69E-208	0.446228	0.736	0.585	4.75E-204	CD8.Tearly	LSP1
SUB1	2.56E-193	0.471928	0.683	0.541	7.19E-189	CD8.Tearly	SUB1
CD27	1.34E-190	0.536443	0.447	0.285	3.77E-186	CD8.Tearly	CD27
PNRC1	1.19E-189	0.401395	0.903	0.77	3.35E-185	CD8.Tearly	PNRC1
APOBEC3G	1.74E-189	0.52072	0.422	0.261	4.90E-185	CD8.Tearly	APOBEC3G
RPS21	2.24E-187	0.299694	0.972	0.859	6.31E-183	CD8.Tearly	RPS21
FABP5	1.59E-186	0.570747	0.279	0.143	4.48E-182	CD8.Tearly	FABP5
RPS28	2.24E-182	0.277299	0.99	0.897	6.30E-178	CD8.Tearly	RPS28
CD99	1.75E-179	0.368985	0.809	0.667	4.92E-175	CD8.Tearly	CD99
UBE2S	1.93E-179	0.540034	0.589	0.434	5.44E-175	CD8.Tearly	UBE2S
CXCR6	2.10E-177	0.606482	0.313	0.171	5.90E-173	CD8.Tearly	CXCR6
RPS26	8.87E-174	0.383463	0.965	0.877	2.50E-169	CD8.Tearly	RPS26
RPS7	1.43E-170	0.270393	0.985	0.881	4.03E-166	CD8.Tearly	RPS7
TENT5C	3.42E-169	0.408404	0.6	0.432	9.62E-165	CD8.Tearly	TENT5C
TMA7	2.11E-161	0.368787	0.802	0.667	5.94E-157	CD8.Tearly	TMA7
SH2D1A	7.63E-161	0.493264	0.32	0.184	2.15E-156	CD8.Tearly	SH2D1A
GUK1	8.34E-160	0.417566	0.646	0.507	2.35E-155	CD8.Tearly	GUK1
CFL1	3.28E-159	0.353002	0.906	0.788	9.22E-155	CD8.Tearly	CFL1
RPS25	1.13E-154	0.26437	0.976	0.869	3.17E-150	CD8.Tearly	RPS25
LIME1	1.72E-153	0.448981	0.508	0.361	4.84E-149	CD8.Tearly	LIME1
CALM1	5.27E-152	0.347147	0.898	0.797	1.48E-147	CD8.Tearly	CALM1
LEPROTL1	3.24E-151	0.363708	0.738	0.593	9.13E-147	CD8.Tearly	LEPROTL1
RBM38	1.13E-148	0.454816	0.51	0.363	3.19E-144	CD8.Tearly	RBM38
GABARAPL	2.00E-148	0.451188	0.352	0.216	5.63E-144	CD8.Tearly	GABARAPL1
IDH2	8.25E-148	0.430084	0.372	0.237	2.32E-143	CD8.Tearly	IDH2
ZFP36	1.49E-144	0.280951	0.962	0.853	4.18E-140	CD8.Tearly	ZFP36
ACTG1	3.98E-144	0.377979	0.909	0.795	1.12E-139	CD8.Tearly	ACTG1

LYST	5.34E-143	0.333242	0.414	0.266	1.50E-138	CD8.Tearly LYST
FAU	3.43E-142	0.252747	0.985	0.881	9.64E-138	CD8.Tearly FAU
MYL6	3.82E-138	0.307321	0.871	0.746	1.07E-133	CD8.Tearly MYL6
NR4A2	1.16E-133	0.313519	0.786	0.626	3.25E-129	CD8.Tearly NR4A2
CD69	3.92E-133	0.330141	0.866	0.719	1.10E-128	CD8.Tearly CD69
TUBB4B	8.80E-132	0.531658	0.568	0.449	2.48E-127	CD8.Tearly TUBB4B
TOMM7	5.56E-131	0.32578	0.784	0.65	1.57E-126	CD8.Tearly TOMM7
CYTIP	1.03E-128	0.345216	0.737	0.616	2.91E-124	CD8.Tearly CYTIP
TRBC2	1.57E-128	0.424208	0.567	0.433	4.43E-124	CD8.Tearly TRBC2
CHCHD2	6.05E-127	0.340642	0.713	0.588	1.70E-122	CD8.Tearly CHCHD2
RGCC	1.14E-125	0.486433	0.612	0.468	3.22E-121	CD8.Tearly RGCC
RPL36AL	4.38E-125	0.281921	0.869	0.734	1.23E-120	CD8.Tearly RPL36AL
ANXA1	1.56E-123	0.349178	0.721	0.582	4.40E-119	CD8.Tearly ANXA1
BUB3	3.41E-123	0.413318	0.468	0.338	9.60E-119	CD8.Tearly BUB3
UQCRB	1.00E-122	0.340588	0.705	0.579	2.82E-118	CD8.Tearly UQCRB
ZYX	3.98E-122	0.418408	0.469	0.343	1.12E-117	CD8.Tearly ZYX
STK17A	6.83E-121	0.299291	0.72	0.594	1.92E-116	CD8.Tearly STK17A
PFN1	1.21E-120	0.294998	0.944	0.832	3.41E-116	CD8.Tearly PFN1
LINC01871	2.05E-120	0.460789	0.291	0.175	5.76E-116	CD8.Tearly LINC01871
OST4	1.36E-119	0.316221	0.688	0.558	3.82E-115	CD8.Tearly OST4
RBFOX2	5.07E-118	0.605826	0.259	0.15	1.43E-113	CD8.Tearly RBFOX2
CALM2	1.41E-116	0.333289	0.716	0.597	3.96E-112	CD8.Tearly CALM2
TSC22D3	5.02E-116	0.312845	0.933	0.832	1.41E-111	CD8.Tearly TSC22D3
PTP4A2	5.64E-116	0.382924	0.534	0.413	1.59E-111	CD8.Tearly PTP4A2
PIK3R1	7.08E-116	0.37249	0.603	0.478	1.99E-111	CD8.Tearly PIK3R1
SNRPD2	2.45E-113	0.31887	0.691	0.576	6.89E-109	CD8.Tearly SNRPD2
ID2	2.45E-113	0.398977	0.652	0.527	6.91E-109	CD8.Tearly ID2
RAC2	5.01E-112	0.298895	0.761	0.633	1.41E-107	CD8.Tearly RAC2
OAZ1	2.43E-111	0.299815	0.789	0.662	6.84E-107	CD8.Tearly OAZ1
SRP14	4.43E-110	0.300609	0.722	0.608	1.25E-105	CD8.Tearly SRP14
HMGB2	7.36E-109	0.420037	0.41	0.29	2.07E-104	CD8.Tearly HMGB2
CNN2	1.30E-108	0.349895	0.533	0.408	3.65E-104	CD8.Tearly CNN2
YPEL5	7.37E-106	0.333979	0.617	0.495	2.07E-101	CD8.Tearly YPEL5
MYL12B	1.17E-105	0.299116	0.725	0.612	3.29E-101	CD8.Tearly MYL12B
S100A6	1.38E-102	0.264929	0.724	0.59	3.90E-98	CD8.Tearly S100A6
CXCR3	1.45E-102	0.358192	0.285	0.176	4.08E-98	CD8.Tearly CXCR3
SIT1	2.28E-101	0.353736	0.307	0.196	6.42E-97	CD8.Tearly SIT1
SRRT	1.33E-100	0.436037	0.313	0.206	3.73E-96	CD8.Tearly SRRT
LAT	7.73E-98	0.343046	0.447	0.333	2.17E-93	CD8.Tearly LAT
LCP1	2.19E-96	0.25355	0.731	0.61	6.17E-92	CD8.Tearly LCP1
CORO1A	1.70E-95	0.302887	0.789	0.689	4.77E-91	CD8.Tearly CORO1A
AKIRIN2	1.99E-95	0.368307	0.335	0.229	5.61E-91	CD8.Tearly AKIRIN2
XCL1	2.79E-94	0.560011	0.279	0.173	7.85E-90	CD8.Tearly XCL1
IER5L	7.21E-94	0.477224	0.273	0.175	2.03E-89	CD8.Tearly IER5L
BTG3	4.56E-93	0.368667	0.305	0.202	1.28E-88	CD8.Tearly BTG3
CRIP1	6.82E-92	0.314136	0.682	0.56	1.92E-87	CD8.Tearly CRIP1
TRIR	1.29E-91	0.308246	0.616	0.51	3.62E-87	CD8.Tearly TRIR

UBL5	6.14E-91	0.309141	0.585	0.477	1.73E-86	CD8.Tearly UBL5
ATP5MG	3.81E-90	0.266986	0.748	0.641	1.07E-85	CD8.Tearly ATP5MG
CD52	8.33E-90	0.278297	0.767	0.643	2.34E-85	CD8.Tearly CD52
LCK	7.14E-89	0.275543	0.616	0.506	2.01E-84	CD8.Tearly LCK
MYADM	1.11E-88	0.46177	0.426	0.319	3.12E-84	CD8.Tearly MYADM
RESF1	3.10E-87	0.279412	0.604	0.488	8.73E-83	CD8.Tearly RESF1
ARF6	2.62E-86	0.30835	0.544	0.433	7.37E-82	CD8.Tearly ARF6
HNRNPLL	2.80E-86	0.307505	0.307	0.205	7.89E-82	CD8.Tearly HNRNPLL
DUSP5	3.19E-86	0.354591	0.385	0.273	8.99E-82	CD8.Tearly DUSP5
CLIC1	2.80E-85	0.264718	0.727	0.611	7.89E-81	CD8.Tearly CLIC1
RPL27A	5.71E-85	0.274797	0.723	0.61	1.61E-80	CD8.Tearly RPL27A
GABARAPL1	1.21E-84	0.344264	0.428	0.328	3.42E-80	CD8.Tearly GABARAPL2
VAMP2	2.23E-84	0.291288	0.586	0.476	6.27E-80	CD8.Tearly VAMP2
LGALS1	3.37E-84	0.453305	0.281	0.185	9.49E-80	CD8.Tearly LGALS1
CCL4L2	4.00E-84	0.313207	0.52	0.388	1.13E-79	CD8.Tearly CCL4L2
ALDOA	3.40E-83	0.350199	0.486	0.383	9.55E-79	CD8.Tearly ALDOA
SAP18	3.70E-83	0.302965	0.575	0.474	1.04E-78	CD8.Tearly SAP18
HINT1	2.04E-81	0.273443	0.692	0.588	5.73E-77	CD8.Tearly HINT1
PTGER4	7.15E-81	0.283611	0.551	0.437	2.01E-76	CD8.Tearly PTGER4
ODC1	2.38E-79	0.32394	0.374	0.274	6.70E-75	CD8.Tearly ODC1
NSMCE3	4.35E-79	0.355524	0.364	0.266	1.22E-74	CD8.Tearly NSMCE3
RAB5IF	8.15E-78	0.347227	0.348	0.252	2.29E-73	CD8.Tearly RAB5IF
H2AFX	2.77E-77	0.365961	0.379	0.281	7.81E-73	CD8.Tearly H2AFX
GMFG	3.40E-77	0.270637	0.645	0.549	9.56E-73	CD8.Tearly GMFG
RPL38	6.56E-77	0.250368	0.793	0.69	1.85E-72	CD8.Tearly RPL38
COX7A2	1.69E-74	0.282911	0.533	0.438	4.75E-70	CD8.Tearly COX7A2
MZT2A	2.30E-74	0.298582	0.393	0.294	6.47E-70	CD8.Tearly MZT2A
DDX24	9.38E-74	0.250571	0.697	0.597	2.64E-69	CD8.Tearly DDX24
TBCC	4.67E-73	0.31342	0.257	0.171	1.31E-68	CD8.Tearly TBCC
LYAR	8.56E-73	0.271685	0.409	0.304	2.41E-68	CD8.Tearly LYAR
GYPC	1.57E-72	0.253145	0.601	0.5	4.42E-68	CD8.Tearly GYPC
ZBTB38	1.65E-72	0.292513	0.326	0.231	4.64E-68	CD8.Tearly ZBTB38
APOO	4.00E-72	0.401997	0.299	0.205	1.13E-67	CD8.Tearly APOO
PSMB9	3.19E-71	0.282606	0.567	0.473	8.96E-67	CD8.Tearly PSMB9
ATP5IF1	1.71E-70	0.299223	0.493	0.402	4.81E-66	CD8.Tearly ATP5IF1
YWHAB	7.60E-70	0.258227	0.671	0.584	2.14E-65	CD8.Tearly YWHAB
CYCS	2.90E-69	0.33256	0.475	0.381	8.17E-65	CD8.Tearly CYCS
C12orf75	2.37E-68	0.299102	0.299	0.211	6.65E-64	CD8.Tearly C12orf75
BRD2	1.45E-67	0.291782	0.608	0.52	4.07E-63	CD8.Tearly BRD2
HERPUD2	5.92E-67	0.266789	0.409	0.314	1.66E-62	CD8.Tearly HERPUD2
NDUFA1	6.01E-67	0.2759	0.485	0.395	1.69E-62	CD8.Tearly NDUFA1
GPI	1.09E-66	0.270663	0.388	0.297	3.06E-62	CD8.Tearly GPI
NDUFS5	5.96E-66	0.262092	0.567	0.474	1.68E-61	CD8.Tearly NDUFS5
TMX4	3.50E-65	0.274223	0.331	0.239	9.86E-61	CD8.Tearly TMX4
FAM102A	7.92E-65	0.259046	0.295	0.207	2.23E-60	CD8.Tearly FAM102A
PARK7	2.47E-63	0.28313	0.483	0.397	6.95E-59	CD8.Tearly PARK7
TSPYL2	8.48E-63	0.288957	0.469	0.378	2.39E-58	CD8.Tearly TSPYL2

JPT1	5.80E-62	0.30864	0.317	0.234	1.63E-57	CD8.Tearly	JPT1
GBP5	5.99E-62	0.295571	0.343	0.252	1.69E-57	CD8.Tearly	GBP5
CDKN1B	1.16E-61	0.273602	0.426	0.333	3.27E-57	CD8.Tearly	CDKN1B
IFI27L2	1.51E-61	0.277343	0.258	0.178	4.24E-57	CD8.Tearly	IFI27L2
CAP1	1.52E-58	0.261304	0.522	0.439	4.28E-54	CD8.Tearly	CAP1
FKBP8	2.97E-57	0.255924	0.456	0.372	8.37E-53	CD8.Tearly	FKBP8
RAB1B	8.58E-57	0.257658	0.307	0.226	2.42E-52	CD8.Tearly	RAB1B
H2AFZ	2.46E-56	0.328819	0.53	0.453	6.93E-52	CD8.Tearly	H2AFZ
SELENOK	3.14E-56	0.275278	0.496	0.41	8.84E-52	CD8.Tearly	SELENOK
PIM3	1.70E-55	0.295058	0.251	0.176	4.80E-51	CD8.Tearly	PIM3
CALM3	1.75E-55	0.273297	0.394	0.312	4.93E-51	CD8.Tearly	CALM3
SLC2A4RG	1.38E-54	0.278635	0.275	0.198	3.89E-50	CD8.Tearly	SLC2A4RG
MARCKSL1	1.96E-54	0.295337	0.282	0.205	5.52E-50	CD8.Tearly	MARCKSL1
MRPL10	3.61E-54	0.255298	0.251	0.176	1.02E-49	CD8.Tearly	MRPL10
TUBA1A	3.28E-52	0.309688	0.428	0.347	9.22E-48	CD8.Tearly	TUBA1A
HIST1H4C	5.19E-52	0.299356	0.43	0.349	1.46E-47	CD8.Tearly	HIST1H4C
METRNL	8.55E-52	0.305625	0.283	0.205	2.40E-47	CD8.Tearly	METRNL
EVI2B	8.23E-50	0.254773	0.375	0.296	2.32E-45	CD8.Tearly	EVI2B
PRDX6	1.22E-47	0.260815	0.37	0.297	3.43E-43	CD8.Tearly	PRDX6
SLC25A5	2.99E-47	0.26089	0.519	0.447	8.42E-43	CD8.Tearly	SLC25A5
ARPC5L	1.45E-44	0.251358	0.348	0.275	4.09E-40	CD8.Tearly	ARPC5L
BAX	2.25E-42	0.324938	0.413	0.344	6.34E-38	CD8.Tearly	BAX
IL7R	0	1.594624	0.848	0.41	0	CD4.Tcm	IL7R
KLRB1	0	1.235314	0.614	0.298	0	CD4.Tcm	KLRB1
AQP3	0	1.036942	0.408	0.12	0	CD4.Tcm	AQP3
LTB	0	0.998978	0.589	0.298	0	CD4.Tcm	LTB
TOB1	0	0.981091	0.515	0.242	0	CD4.Tcm	TOB1
CD40LG	0	0.971931	0.333	0.065	0	CD4.Tcm	CD40LG
GPR183	0	0.912832	0.505	0.207	0	CD4.Tcm	GPR183
TNFAIP3	0	0.867217	0.938	0.742	0	CD4.Tcm	TNFAIP3
S100A4	0	0.861442	0.87	0.614	0	CD4.Tcm	S100A4
NFKBIA	0	0.793368	0.905	0.706	0	CD4.Tcm	NFKBIA
CDKN1A	0	0.780925	0.426	0.209	0	CD4.Tcm	CDKN1A
ANXA11	0	0.779634	0.798	0.568	0	CD4.Tcm	ANXA1
VIM	0	0.762504	0.871	0.673	0	CD4.Tcm	VIM
ZFP36L21	0	0.739315	0.986	0.91	0	CD4.Tcm	ZFP36L2
FTH1	0	0.710874	0.99	0.907	0	CD4.Tcm	FTH1
FXYD5	0	0.694406	0.843	0.644	0	CD4.Tcm	FXYD5
PDE4D	0	0.680107	0.552	0.298	0	CD4.Tcm	PDE4D
RPLP1	0	0.675197	0.997	0.937	0	CD4.Tcm	RPLP1
JUNB1	0	0.669554	0.976	0.853	0	CD4.Tcm	JUNB
SPOCK2	0	0.668093	0.684	0.408	0	CD4.Tcm	SPOCK2
TPT1	0	0.637015	0.987	0.907	0	CD4.Tcm	TPT1
TSC22D31	0	0.636255	0.958	0.829	0	CD4.Tcm	TSC22D3
RPLP0	0	0.631745	0.967	0.85	0	CD4.Tcm	RPLP0
CD4	0	0.609436	0.289	0.102	0	CD4.Tcm	CD4
ZFP361	0	0.59862	0.969	0.855	0	CD4.Tcm	ZFP36

CXCR41	0	0.574778	0.939	0.769	0	CD4.Tcm	CXCR4
RPL32	0	0.553855	0.991	0.91	0	CD4.Tcm	RPL32
EEF1A1	0	0.521428	0.993	0.939	0	CD4.Tcm	EEF1A1
RPL10	0	0.491051	0.995	0.933	0	CD4.Tcm	RPL10
RPS4X	0	0.485562	0.978	0.877	0	CD4.Tcm	RPS4X
RPL12	0	0.479623	0.982	0.893	0	CD4.Tcm	RPL12
RPS13	0	0.478809	0.978	0.873	0	CD4.Tcm	RPS13
RPL8	0	0.473314	0.971	0.865	0	CD4.Tcm	RPL8
RPL34	0	0.472958	0.985	0.898	0	CD4.Tcm	RPL34
BTG11	0	0.464595	0.99	0.921	0	CD4.Tcm	BTG1
RPL11	0	0.462545	0.989	0.906	0	CD4.Tcm	RPL11
RPS18	0	0.460161	0.987	0.906	0	CD4.Tcm	RPS18
RPL39	0	0.455041	0.986	0.891	0	CD4.Tcm	RPL39
RPS12	0	0.450851	0.993	0.92	0	CD4.Tcm	RPS12
RPL14	0	0.447434	0.978	0.877	0	CD4.Tcm	RPL14
RPL29	0	0.433735	0.978	0.877	0	CD4.Tcm	RPL29
RPL36	0	0.432602	0.97	0.864	0	CD4.Tcm	RPL36
RPL18	0	0.432307	0.98	0.879	0	CD4.Tcm	RPL18
RPS19	0	0.429341	0.991	0.921	0	CD4.Tcm	RPS19
RPS3A	0	0.425288	0.975	0.886	0	CD4.Tcm	RPS3A
RPL18A	0	0.425165	0.985	0.896	0	CD4.Tcm	RPL18A
RPS8	0	0.41942	0.986	0.902	0	CD4.Tcm	RPS8
RPS251	0	0.418076	0.976	0.872	0	CD4.Tcm	RPS25
RPL37	0	0.417223	0.979	0.879	0	CD4.Tcm	RPL37
RPL30	0	0.398783	0.99	0.913	0	CD4.Tcm	RPL30
RPL13	0	0.381652	0.993	0.929	0	CD4.Tcm	RPL13
RPS23	0	0.381433	0.987	0.899	0	CD4.Tcm	RPS23
RPL19	0	0.375834	0.988	0.904	0	CD4.Tcm	RPL19
RPL281	0	0.361913	0.994	0.928	0	CD4.Tcm	RPL28
RPS14	7.54E-307	0.386177	0.985	0.893	2.12E-302	CD4.Tcm	RPS14
SARAF	1.25E-306	0.468006	0.939	0.838	3.53E-302	CD4.Tcm	SARAF
RPS27A	1.40E-301	0.365797	0.989	0.906	3.95E-297	CD4.Tcm	RPS27A
RPL9	1.77E-293	0.461291	0.924	0.801	4.99E-289	CD4.Tcm	RPL9
PTGER2	3.40E-292	0.682515	0.349	0.156	9.56E-288	CD4.Tcm	PTGER2
PTMA	1.51E-282	0.369195	0.986	0.917	4.26E-278	CD4.Tcm	PTMA
CD521	1.40E-281	0.508387	0.845	0.628	3.93E-277	CD4.Tcm	CD52
S100A10	2.15E-280	0.60322	0.726	0.512	6.04E-276	CD4.Tcm	S100A10
MAF	4.58E-279	0.621659	0.362	0.17	1.29E-274	CD4.Tcm	MAF
JUN	3.17E-276	0.646759	0.913	0.771	8.92E-272	CD4.Tcm	JUN
RPS2	4.39E-276	0.42703	0.954	0.859	1.24E-271	CD4.Tcm	RPS2
RPLP2	5.47E-274	0.365566	0.97	0.873	1.54E-269	CD4.Tcm	RPLP2
DDIT4	8.12E-274	0.626543	0.83	0.651	2.29E-269	CD4.Tcm	DDIT4
RPS16	5.16E-269	0.428392	0.932	0.819	1.45E-264	CD4.Tcm	RPS16
RPS6	2.35E-267	0.395363	0.963	0.869	6.63E-263	CD4.Tcm	RPS6
FOS	8.03E-262	0.579076	0.929	0.796	2.26E-257	CD4.Tcm	FOS
FLT3LG	8.71E-262	0.587356	0.381	0.188	2.45E-257	CD4.Tcm	FLT3LG
DUSP51	4.36E-261	0.666243	0.462	0.258	1.23E-256	CD4.Tcm	DUSP5

PBXIP1	3.69E-258	0.523387	0.462	0.25	1.04E-253	CD4.Tcm	PBXIP1
RPL35A	2.72E-255	0.351482	0.969	0.865	7.66E-251	CD4.Tcm	RPL35A
RPL10A	2.76E-250	0.420367	0.918	0.799	7.77E-246	CD4.Tcm	RPL10A
RPL6	1.32E-245	0.362421	0.965	0.874	3.72E-241	CD4.Tcm	RPL6
RPL5	2.19E-244	0.393615	0.938	0.827	6.15E-240	CD4.Tcm	RPL5
CREM	1.09E-243	0.656782	0.649	0.452	3.07E-239	CD4.Tcm	CREM
RPL22	1.25E-237	0.392914	0.911	0.774	3.51E-233	CD4.Tcm	RPL22
RORA	7.29E-235	0.395412	0.598	0.38	2.05E-230	CD4.Tcm	RORA
RPL3	1.30E-234	0.386088	0.963	0.871	3.66E-230	CD4.Tcm	RPL3
RPSA	4.41E-232	0.416599	0.912	0.801	1.24E-227	CD4.Tcm	RPSA
RPS15	4.61E-227	0.304752	0.985	0.902	1.30E-222	CD4.Tcm	RPS15
RPS15A1	5.30E-227	0.303503	0.989	0.911	1.49E-222	CD4.Tcm	RPS15A
RPL36A	1.72E-226	0.418029	0.898	0.758	4.84E-222	CD4.Tcm	RPL36A
RPL36AL1	6.08E-226	0.413242	0.883	0.736	1.71E-221	CD4.Tcm	RPL36AL
RPL24	1.51E-225	0.343756	0.952	0.84	4.25E-221	CD4.Tcm	RPL24
EEF1B2	9.86E-223	0.418554	0.877	0.747	2.77E-218	CD4.Tcm	EEF1B2
CD28	1.17E-222	0.410925	0.276	0.119	3.29E-218	CD4.Tcm	CD28
RPL35	2.12E-220	0.356803	0.942	0.824	5.97E-216	CD4.Tcm	RPL35
SOCS3	6.82E-220	0.527034	0.296	0.137	1.92E-215	CD4.Tcm	SOCS3
ERN1	9.32E-219	0.461123	0.599	0.393	2.62E-214	CD4.Tcm	ERN1
RPS281	9.62E-217	0.318655	0.986	0.901	2.71E-212	CD4.Tcm	RPS28
EIF11	1.34E-214	0.327214	0.977	0.9	3.77E-210	CD4.Tcm	EIF1
LEPROTL11	4.16E-214	0.462357	0.77	0.59	1.17E-209	CD4.Tcm	LEPROTL1
RPS31	1.76E-213	0.314933	0.986	0.903	4.96E-209	CD4.Tcm	RPS3
RPL17	1.81E-213	0.350823	0.946	0.847	5.09E-209	CD4.Tcm	RPL17
TRADD	5.59E-210	0.513556	0.29	0.136	1.57E-205	CD4.Tcm	TRADD
PABPC1	2.33E-209	0.401533	0.892	0.785	6.56E-205	CD4.Tcm	PABPC1
RPL26	1.10E-207	0.307922	0.98	0.891	3.11E-203	CD4.Tcm	RPL26
EEF1G	1.92E-206	0.445908	0.81	0.665	5.39E-202	CD4.Tcm	EEF1G
RPS5	9.28E-205	0.352258	0.933	0.815	2.61E-200	CD4.Tcm	RPS5
PBX4	8.01E-200	0.334677	0.384	0.203	2.25E-195	CD4.Tcm	PBX4
RACK1	1.26E-199	0.348815	0.938	0.825	3.54E-195	CD4.Tcm	RACK1
S100A61	1.54E-197	0.469075	0.764	0.585	4.33E-193	CD4.Tcm	S100A6
SNX9	4.56E-197	0.402483	0.411	0.229	1.28E-192	CD4.Tcm	SNX9
FAU1	7.21E-192	0.288534	0.981	0.885	2.03E-187	CD4.Tcm	FAU
LDHB	2.04E-185	0.463869	0.662	0.481	5.74E-181	CD4.Tcm	LDHB
RPS211	9.35E-183	0.315277	0.969	0.864	2.63E-178	CD4.Tcm	RPS21
RPL4	4.44E-178	0.407217	0.833	0.69	1.25E-173	CD4.Tcm	RPL4
EEF2	1.05E-177	0.386449	0.853	0.728	2.97E-173	CD4.Tcm	EEF2
TENT5C1	2.83E-176	0.426964	0.623	0.432	7.96E-172	CD4.Tcm	TENT5C
BHLHE40	1.45E-171	0.543367	0.467	0.295	4.07E-167	CD4.Tcm	BHLHE40
RPS71	6.08E-168	0.281652	0.977	0.886	1.71E-163	CD4.Tcm	RPS7
TXNIP	5.36E-167	0.520822	0.833	0.704	1.51E-162	CD4.Tcm	TXNIP
RPL41	4.97E-165	0.378028	0.959	0.878	1.40E-160	CD4.Tcm	RPL41
DUSP1	3.07E-156	0.351118	0.946	0.816	8.64E-152	CD4.Tcm	DUSP1
RPL7	4.52E-154	0.37129	0.767	0.622	1.27E-149	CD4.Tcm	RPL7
RPL15	7.88E-154	0.317771	0.934	0.824	2.22E-149	CD4.Tcm	RPL15

RPL7A1	8.87E-154	0.264985	0.976	0.889	2.49E-149	CD4.Tcm	RPL7A
NPM1	2.61E-153	0.350634	0.837	0.696	7.33E-149	CD4.Tcm	NPM1
CSRNP1	3.33E-150	0.458178	0.559	0.396	9.38E-146	CD4.Tcm	CSRNP1
RPS9	1.76E-147	0.293713	0.938	0.836	4.96E-143	CD4.Tcm	RPS9
NACA	5.10E-147	0.293161	0.943	0.826	1.44E-142	CD4.Tcm	NACA
CD69	7.27E-147	0.411962	0.862	0.725	2.05E-142	CD4.Tcm	CD69
CRIP11	8.21E-147	0.441157	0.719	0.556	2.31E-142	CD4.Tcm	CRIP1
S100A11	3.24E-146	0.397969	0.613	0.427	9.11E-142	CD4.Tcm	S100A11
CD21	7.70E-145	0.3736	0.715	0.546	2.17E-140	CD4.Tcm	CD2
NDUFS51	9.11E-145	0.409458	0.624	0.464	2.56E-140	CD4.Tcm	NDUFS5
FKBP11	2.80E-143	0.429407	0.378	0.228	7.87E-139	CD4.Tcm	FKBP11
UBA52	3.91E-143	0.290118	0.901	0.784	1.10E-138	CD4.Tcm	UBA52
ABRACL	1.06E-140	0.412799	0.507	0.345	2.97E-136	CD4.Tcm	ABRACL
TMEM123	5.80E-136	0.37711	0.394	0.244	1.63E-131	CD4.Tcm	TMEM123
H3F3B1	2.20E-134	0.269027	0.967	0.884	6.19E-130	CD4.Tcm	H3F3B
ICOS	7.10E-134	0.406276	0.387	0.237	2.00E-129	CD4.Tcm	ICOS
RPL13A	4.49E-129	0.293112	0.887	0.772	1.26E-124	CD4.Tcm	RPL13A
TESPA1	4.09E-128	0.317131	0.275	0.149	1.15E-123	CD4.Tcm	TESPA1
ARL4C	5.99E-128	0.355729	0.692	0.529	1.68E-123	CD4.Tcm	ARL4C
SNHG16	2.61E-127	0.414951	0.317	0.188	7.34E-123	CD4.Tcm	SNHG16
PIM2	8.35E-127	0.490696	0.331	0.199	2.35E-122	CD4.Tcm	PIM2
JUND	1.81E-126	0.333732	0.894	0.793	5.09E-122	CD4.Tcm	JUND
TAGLN2	7.25E-126	0.388174	0.625	0.472	2.04E-121	CD4.Tcm	TAGLN2
RPL21	8.83E-126	0.317495	0.892	0.796	2.48E-121	CD4.Tcm	RPL21
SLC2A3	1.26E-124	0.326438	0.699	0.54	3.55E-120	CD4.Tcm	SLC2A3
SERP1	2.14E-124	0.367909	0.659	0.506	6.03E-120	CD4.Tcm	SERP1
DNAJB9	7.66E-124	0.394929	0.311	0.183	2.15E-119	CD4.Tcm	DNAJB9
BTF3	2.80E-120	0.300849	0.847	0.708	7.89E-116	CD4.Tcm	BTF3
MIF	4.29E-120	0.320975	0.768	0.62	1.21E-115	CD4.Tcm	MIF
RCAN3	1.03E-119	0.310012	0.324	0.188	2.89E-115	CD4.Tcm	RCAN3
MGAT4A	1.87E-119	0.373055	0.461	0.315	5.27E-115	CD4.Tcm	MGAT4A
LDHA	1.01E-118	0.372269	0.66	0.515	2.85E-114	CD4.Tcm	LDHA
SNHG29	2.12E-118	0.348647	0.684	0.536	5.96E-114	CD4.Tcm	SNHG29
RPL31	3.41E-118	0.296194	0.836	0.705	9.59E-114	CD4.Tcm	RPL31
CERK	5.31E-118	0.285731	0.255	0.138	1.49E-113	CD4.Tcm	CERK
RPL23A1	7.98E-118	0.251791	0.946	0.842	2.24E-113	CD4.Tcm	RPL23A
PLP2	2.77E-116	0.359947	0.412	0.268	7.79E-112	CD4.Tcm	PLP2
CALM11	3.86E-115	0.256707	0.909	0.797	1.09E-110	CD4.Tcm	CALM1
CDKN1B1	4.92E-114	0.368645	0.471	0.325	1.39E-109	CD4.Tcm	CDKN1B
RPL381	8.65E-113	0.30443	0.818	0.688	2.43E-108	CD4.Tcm	RPL38
PPP1R15A	1.24E-111	0.360495	0.703	0.553	3.48E-107	CD4.Tcm	PPP1R15A
RGCC1	7.60E-111	0.32555	0.627	0.469	2.14E-106	CD4.Tcm	RGCC
NFKBIZ	1.12E-109	0.387966	0.515	0.367	3.14E-105	CD4.Tcm	NFKBIZ
HNRNPA1	1.17E-108	0.288886	0.831	0.706	3.30E-104	CD4.Tcm	HNRNPA1
YWHAQ	1.61E-107	0.333532	0.503	0.36	4.54E-103	CD4.Tcm	YWHAQ
TCF7	1.99E-106	0.259438	0.31	0.182	5.59E-102	CD4.Tcm	TCF7
G3BP2	2.76E-106	0.364043	0.459	0.322	7.77E-102	CD4.Tcm	G3BP2

UBALD2	3.85E-105	0.356967	0.539	0.4	1.08E-100	CD4.Tcm	UBALD2
APRT	3.96E-105	0.334846	0.592	0.453	1.12E-100	CD4.Tcm	APRT
CD5	5.86E-104	0.317366	0.371	0.24	1.65E-99	CD4.Tcm	CD5
PFDN5	7.38E-103	0.252775	0.869	0.749	2.08E-98	CD4.Tcm	PFDN5
PER1	1.53E-102	0.291865	0.478	0.335	4.30E-98	CD4.Tcm	PER1
COX7C	4.72E-102	0.277659	0.778	0.639	1.33E-97	CD4.Tcm	COX7C
HINT11	8.35E-101	0.296159	0.721	0.585	2.35E-96	CD4.Tcm	HINT1
SEC61B	1.74E-100	0.334699	0.566	0.423	4.90E-96	CD4.Tcm	SEC61B
TOMM71	2.27E-99	0.267985	0.784	0.655	6.39E-95	CD4.Tcm	TOMM7
HSPA5	2.98E-99	0.293966	0.698	0.551	8.38E-95	CD4.Tcm	HSPA5
RPL27	1.77E-98	0.264695	0.85	0.733	4.99E-94	CD4.Tcm	RPL27
PTGER41	4.06E-97	0.321611	0.573	0.435	1.14E-92	CD4.Tcm	PTGER4
CIB1	4.37E-96	0.33034	0.551	0.414	1.23E-91	CD4.Tcm	CIB1
ARL4A	3.54E-95	0.378139	0.254	0.15	9.95E-91	CD4.Tcm	ARL4A
EIF3E	2.68E-93	0.325304	0.534	0.404	7.53E-89	CD4.Tcm	EIF3E
PRDM1	4.80E-90	0.305679	0.463	0.326	1.35E-85	CD4.Tcm	PRDM1
ANP32B	2.30E-89	0.316274	0.506	0.374	6.47E-85	CD4.Tcm	ANP32B
SEC61G	1.15E-87	0.332306	0.464	0.338	3.25E-83	CD4.Tcm	SEC61G
KLF2	1.25E-87	0.438377	0.564	0.448	3.51E-83	CD4.Tcm	KLF2
S1PR4	2.81E-87	0.320749	0.273	0.167	7.90E-83	CD4.Tcm	S1PR4
NOP53	6.40E-86	0.280427	0.645	0.521	1.80E-81	CD4.Tcm	NOP53
PPIB	1.10E-83	0.26031	0.736	0.602	3.09E-79	CD4.Tcm	PPIB
PRKCQ-AS1	2.36E-83	0.252956	0.257	0.155	6.65E-79	CD4.Tcm	PRKCQ-AS1
CITED21	9.63E-80	0.323368	0.602	0.468	2.71E-75	CD4.Tcm	CITED2
RAN	8.43E-79	0.281372	0.571	0.442	2.37E-74	CD4.Tcm	RAN
SNHG6	5.11E-78	0.304103	0.578	0.454	1.44E-73	CD4.Tcm	SNHG6
TOMM5	8.52E-78	0.32002	0.366	0.255	2.40E-73	CD4.Tcm	TOMM5
GAS5	2.87E-77	0.290619	0.566	0.443	8.08E-73	CD4.Tcm	GAS5
XBP1	1.73E-76	0.290411	0.461	0.339	4.86E-72	CD4.Tcm	XBP1
ATP6V1G1	8.69E-76	0.274078	0.566	0.442	2.45E-71	CD4.Tcm	ATP6V1G1
OCIAD2	9.80E-76	0.272793	0.387	0.271	2.76E-71	CD4.Tcm	OCIAD2
PEBP1	1.41E-75	0.270685	0.452	0.33	3.96E-71	CD4.Tcm	PEBP1
CD48	4.93E-75	0.273968	0.555	0.428	1.39E-70	CD4.Tcm	CD48
TXN	2.00E-74	0.303827	0.4	0.286	5.62E-70	CD4.Tcm	TXN
SSR2	5.35E-74	0.258109	0.644	0.519	1.50E-69	CD4.Tcm	SSR2
H1FX	1.71E-73	0.403438	0.597	0.474	4.80E-69	CD4.Tcm	H1FX
CCDC107	2.39E-73	0.278479	0.369	0.26	6.72E-69	CD4.Tcm	CCDC107
HNRNPUL1	2.83E-73	0.253836	0.508	0.389	7.97E-69	CD4.Tcm	HNRNPUL1
HNRNPA0	4.32E-73	0.28	0.571	0.447	1.22E-68	CD4.Tcm	HNRNPA0
PNP	7.56E-73	0.274856	0.28	0.182	2.13E-68	CD4.Tcm	PNP
SMDT1	1.74E-71	0.294138	0.467	0.351	4.90E-67	CD4.Tcm	SMDT1
TMEM173	1.03E-70	0.289025	0.289	0.192	2.89E-66	CD4.Tcm	TMEM173
PIM1	2.51E-70	0.333864	0.311	0.213	7.06E-66	CD4.Tcm	PIM1
RPS20	5.36E-70	0.260797	0.62	0.506	1.51E-65	CD4.Tcm	RPS20
ZC3H12A	1.14E-67	0.28733	0.286	0.191	3.19E-63	CD4.Tcm	ZC3H12A
RSL1D1	4.26E-67	0.293437	0.394	0.29	1.20E-62	CD4.Tcm	RSL1D1
MYADM1	1.82E-66	0.289645	0.431	0.321	5.12E-62	CD4.Tcm	MYADM

TOMM20	4.29E-66	0.25049	0.469	0.355	1.21E-61	CD4.Tcm	TOMM20
CORO1B	4.23E-65	0.30805	0.287	0.195	1.19E-60	CD4.Tcm	CORO1B
MZT2A1	1.89E-64	0.251829	0.403	0.295	5.31E-60	CD4.Tcm	MZT2A
NOSIP	4.53E-61	0.273856	0.378	0.277	1.27E-56	CD4.Tcm	NOSIP
RPL22L1	1.94E-54	0.267566	0.45	0.349	5.46E-50	CD4.Tcm	RPL22L1
AL118516.1	1.32E-48	0.257475	0.28	0.199	3.72E-44	CD4.Tcm	AL118516.1
GPR65	1.28E-45	0.268457	0.31	0.23	3.61E-41	CD4.Tcm	GPR65
HSPA1B	0	2.50845	0.695	0.36	0	CD8.Tearly	HSPA1B
HSPA1A	0	2.497301	0.618	0.326	0	CD8.Tearly	HSPA1A
RPL301	5.55E-210	0.398815	0.985	0.921	1.56E-205	CD8.Tearly	RPL30
RPL282	1.42E-169	0.353259	0.986	0.935	4.01E-165	CD8.Tearly	RPL28
IL321	7.11E-168	0.525132	0.886	0.749	2.00E-163	CD8.Tearly	IL32
RPS15A2	2.03E-164	0.351715	0.983	0.919	5.72E-160	CD8.Tearly	RPS15A
DNAJB1	5.71E-164	1.411007	0.756	0.745	1.61E-159	CD8.Tearly	DNAJB1
RPS151	1.10E-151	0.355317	0.968	0.912	3.09E-147	CD8.Tearly	RPS15
B2M1	3.69E-137	0.28178	0.995	0.968	1.04E-132	CD8.Tearly	B2M
RPL111	2.92E-136	0.334987	0.975	0.915	8.21E-132	CD8.Tearly	RPL11
FAU2	2.44E-133	0.364972	0.958	0.897	6.86E-129	CD8.Tearly	FAU
RPS282	5.61E-132	0.335147	0.973	0.91	1.58E-127	CD8.Tearly	RPS28
RPS121	2.28E-129	0.301927	0.979	0.928	6.42E-125	CD8.Tearly	RPS12
HSP90AA1	1.74E-128	0.994435	0.797	0.801	4.88E-124	CD8.Tearly	HSP90AA1
ATP5F1E1	2.73E-125	0.460658	0.839	0.787	7.69E-121	CD8.Tearly	ATP5F1E
RPS191	1.20E-119	0.345433	0.98	0.929	3.36E-115	CD8.Tearly	RPS19
CD3E1	6.66E-118	0.441359	0.828	0.734	1.87E-113	CD8.Tearly	CD3E
RPL191	4.65E-117	0.302693	0.972	0.914	1.31E-112	CD8.Tearly	RPL19
CD22	1.66E-116	0.631438	0.663	0.568	4.66E-112	CD8.Tearly	CD2
RPL321	1.91E-112	0.295694	0.973	0.919	5.36E-108	CD8.Tearly	RPL32
RPL391	4.22E-111	0.317522	0.966	0.902	1.19E-106	CD8.Tearly	RPL39
RPS261	8.45E-110	0.445376	0.935	0.892	2.38E-105	CD8.Tearly	RPS26
RPS252	8.95E-110	0.32607	0.944	0.886	2.52E-105	CD8.Tearly	RPS25
SH3BGRL3	2.20E-109	0.426818	0.866	0.803	6.20E-105	CD8.Tearly	SH3BGRL3
RPL18A1	1.51E-103	0.29462	0.965	0.907	4.26E-99	CD8.Tearly	RPL18A
RPL361	2.30E-102	0.316606	0.926	0.879	6.46E-98	CD8.Tearly	RPL36
RPL7A2	1.54E-101	0.31475	0.96	0.899	4.33E-97	CD8.Tearly	RPL7A
RPS72	6.16E-99	0.30511	0.954	0.897	1.73E-94	CD8.Tearly	RPS7
CCL51	4.98E-98	0.53588	0.821	0.721	1.40E-93	CD8.Tearly	CCL5
RPS27A1	9.14E-97	0.276993	0.969	0.916	2.57E-92	CD8.Tearly	RPS27A
RPS212	1.82E-96	0.318684	0.932	0.878	5.12E-92	CD8.Tearly	RPS21
RPL101	2.07E-96	0.282079	0.987	0.939	5.84E-92	CD8.Tearly	RPL10
RPS24	8.63E-96	0.280812	0.963	0.909	2.43E-91	CD8.Tearly	RPS24
RPS32	1.37E-95	0.289468	0.973	0.912	3.84E-91	CD8.Tearly	RPS3
AL627171.2	7.17E-94	0.824035	0.302	0.185	2.02E-89	CD8.Tearly	AL627171.2
HSPE1	1.08E-92	1.064846	0.505	0.435	3.05E-88	CD8.Tearly	HSPE1
S100A62	4.54E-92	0.529045	0.677	0.612	1.28E-87	CD8.Tearly	S100A6
RPL141	1.87E-91	0.306806	0.939	0.891	5.25E-87	CD8.Tearly	RPL14
RPS271	9.92E-89	0.279472	0.98	0.932	2.79E-84	CD8.Tearly	RPS27
RPL121	1.34E-85	0.316851	0.954	0.904	3.77E-81	CD8.Tearly	RPL12

MYL12A	4.92E-85	0.403759	0.802	0.755	1.39E-80	CD8.Tearly MYL12A
PPDPF1	1.08E-84	0.435318	0.767	0.722	3.05E-80	CD8.Tearly PPDPF
RPL341	1.81E-84	0.25828	0.965	0.908	5.09E-80	CD8.Tearly RPL34
RPS131	2.79E-83	0.29503	0.948	0.886	7.84E-79	CD8.Tearly RPS13
RPL291	3.08E-83	0.280209	0.952	0.89	8.67E-79	CD8.Tearly RPL29
RPS231	1.16E-81	0.250587	0.966	0.909	3.26E-77	CD8.Tearly RPS23
HSPH1	1.63E-80	0.903315	0.434	0.347	4.59E-76	CD8.Tearly HSPH1
RPS181	1.38E-78	0.260498	0.97	0.915	3.87E-74	CD8.Tearly RPS18
RPLP21	2.37E-78	0.280958	0.935	0.886	6.67E-74	CD8.Tearly RPLP2
RPL81	3.84E-77	0.299309	0.927	0.88	1.08E-72	CD8.Tearly RPL8
GIMAP7	6.36E-77	0.661076	0.467	0.373	1.79E-72	CD8.Tearly GIMAP7
RPL181	7.87E-73	0.263493	0.948	0.892	2.21E-68	CD8.Tearly RPL18
TMA71	1.20E-72	0.449244	0.721	0.694	3.36E-68	CD8.Tearly TMA7
GZMK1	1.20E-67	0.546781	0.556	0.446	3.37E-63	CD8.Tearly GZMK
RPL35A1	1.29E-67	0.262789	0.932	0.879	3.63E-63	CD8.Tearly RPL35A
RPL61	1.23E-66	0.263441	0.933	0.886	3.46E-62	CD8.Tearly RPL6
CD522	2.72E-66	0.415168	0.724	0.663	7.64E-62	CD8.Tearly CD52
RPL351	6.31E-59	0.274864	0.875	0.843	1.78E-54	CD8.Tearly RPL35
HSPD1	1.93E-57	0.832965	0.432	0.373	5.43E-53	CD8.Tearly HSPD1
CD3D1	3.81E-57	0.392335	0.674	0.6	1.07E-52	CD8.Tearly CD3D
CD8B1	4.48E-54	0.677127	0.379	0.29	1.26E-49	CD8.Tearly CD8B
S100A41	4.89E-52	0.418403	0.703	0.659	1.38E-47	CD8.Tearly S100A4
RPL36AL2	1.10E-48	0.332412	0.779	0.762	3.09E-44	CD8.Tearly RPL36AL
PLAAT41	2.03E-47	0.471657	0.617	0.587	5.71E-43	CD8.Tearly PLAAT4
THEMIS	7.03E-45	0.445008	0.42	0.342	1.98E-40	CD8.Tearly THEMIS
INPP4B	2.48E-42	0.329575	0.374	0.291	6.99E-38	CD8.Tearly INPP4B
LINC00861	1.85E-41	0.56773	0.296	0.225	5.21E-37	CD8.Tearly LINC00861
EEF1D	1.29E-40	0.264707	0.826	0.813	3.62E-36	CD8.Tearly EEF1D
RPS291	1.66E-40	0.28446	0.826	0.804	4.66E-36	CD8.Tearly RPS29
IFITM1	1.81E-40	0.315555	0.806	0.775	5.08E-36	CD8.Tearly IFITM1
RPL221	1.25E-39	0.25604	0.817	0.798	3.51E-35	CD8.Tearly RPL22
PTPRCAP1	2.85E-36	0.57425	0.486	0.435	8.03E-32	CD8.Tearly PTPRCAP
RPS4Y1	2.78E-35	0.435371	0.515	0.465	7.82E-31	CD8.Tearly RPS4Y1
S100A101	1.19E-34	0.398981	0.574	0.551	3.34E-30	CD8.Tearly S100A10
ATP5MC2	1.83E-32	0.304472	0.716	0.707	5.14E-28	CD8.Tearly ATP5MC2
MYL12B1	4.10E-32	0.358056	0.637	0.637	1.15E-27	CD8.Tearly MYL12B
PFDN51	6.55E-32	0.265424	0.775	0.772	1.84E-27	CD8.Tearly PFDN5
GIMAP4	2.35E-31	0.503442	0.39	0.343	6.60E-27	CD8.Tearly GIMAP4
RESF11	2.38E-31	0.434017	0.536	0.511	6.71E-27	CD8.Tearly RESF1
RAC21	4.98E-30	0.304626	0.673	0.66	1.40E-25	CD8.Tearly RAC2
PSMB91	6.22E-29	0.416819	0.514	0.491	1.75E-24	CD8.Tearly PSMB9
GIMAP5	7.80E-29	0.52771	0.295	0.242	2.19E-24	CD8.Tearly GIMAP5
CD8A1	1.36E-28	0.408942	0.447	0.384	3.82E-24	CD8.Tearly CD8A
CLIC11	1.39E-28	0.308388	0.647	0.635	3.91E-24	CD8.Tearly CLIC1
TOMM72	1.73E-28	0.294113	0.68	0.68	4.88E-24	CD8.Tearly TOMM7
GZMA1	1.27E-27	0.317386	0.61	0.553	3.56E-23	CD8.Tearly GZMA
TC2N	1.38E-27	0.36076	0.48	0.441	3.89E-23	CD8.Tearly TC2N

COX7C1	1.80E-27	0.308585	0.662	0.667	5.06E-23	CD8.Tearly	COX7C
CACYBP	2.60E-27	0.603421	0.317	0.276	7.31E-23	CD8.Tearly	CACYBP
HCST1	5.11E-26	0.276571	0.719	0.707	1.44E-21	CD8.Tearly	HCST
TRAF3IP3	1.84E-25	0.44016	0.38	0.339	5.17E-21	CD8.Tearly	TRAF3IP3
OST41	3.14E-25	0.36318	0.585	0.587	8.84E-21	CD8.Tearly	OST4
MIF1	3.84E-25	0.334406	0.645	0.649	1.08E-20	CD8.Tearly	MIF
MDFIC	4.72E-25	0.404313	0.323	0.272	1.33E-20	CD8.Tearly	MDFIC
LY6E	5.38E-25	0.392494	0.565	0.555	1.51E-20	CD8.Tearly	LY6E
UQCR11	4.94E-24	0.371102	0.537	0.535	1.39E-19	CD8.Tearly	UQCR11
SEPTIN1	1.46E-23	0.404625	0.463	0.442	4.11E-19	CD8.Tearly	SEPTIN1
PLP21	9.43E-23	0.428891	0.334	0.291	2.65E-18	CD8.Tearly	PLP2
HSPB1	1.36E-22	0.434005	0.322	0.28	3.83E-18	CD8.Tearly	HSPB1
PSME1	4.15E-22	0.320415	0.615	0.62	1.17E-17	CD8.Tearly	PSME1
CD3G1	1.12E-21	0.377005	0.468	0.438	3.15E-17	CD8.Tearly	CD3G
TRIM22	1.10E-20	0.414739	0.427	0.405	3.09E-16	CD8.Tearly	TRIM22
LINC01934	1.65E-20	0.280921	0.263	0.211	4.64E-16	CD8.Tearly	LINC01934
CD991	2.20E-20	0.251713	0.693	0.699	6.19E-16	CD8.Tearly	CD99
HSPA8	2.14E-19	0.345914	0.791	0.793	6.03E-15	CD8.Tearly	HSPA8
SIT11	4.27E-19	0.406985	0.257	0.216	1.20E-14	CD8.Tearly	SIT1
TECR	2.77E-18	0.48702	0.397	0.382	7.79E-14	CD8.Tearly	TECR
RCSD1	2.83E-18	0.418955	0.414	0.398	7.95E-14	CD8.Tearly	RCSD1
COX6B1	1.75E-17	0.327387	0.528	0.534	4.93E-13	CD8.Tearly	COX6B1
SNRPD21	1.98E-17	0.299626	0.59	0.603	5.58E-13	CD8.Tearly	SNRPD2
HINT12	8.56E-17	0.265179	0.605	0.612	2.41E-12	CD8.Tearly	HINT1
SSR4	2.59E-16	0.300624	0.562	0.578	7.30E-12	CD8.Tearly	SSR4
GIMAP1	6.55E-16	0.444306	0.297	0.27	1.84E-11	CD8.Tearly	GIMAP1
CD271	1.54E-14	0.372745	0.345	0.318	4.32E-10	CD8.Tearly	CD27
COMMD6	2.78E-14	0.27525	0.592	0.613	7.83E-10	CD8.Tearly	COMMD6
CD37	6.63E-14	0.262951	0.62	0.65	1.87E-09	CD8.Tearly	CD37
GMFG1	1.46E-13	0.292674	0.552	0.573	4.10E-09	CD8.Tearly	GMFG
HSP90AB1	3.97E-13	0.611309	0.677	0.735	1.12E-08	CD8.Tearly	HSP90AB1
ISG15	1.52E-12	0.447188	0.305	0.277	4.27E-08	CD8.Tearly	ISG15
MZT2B	3.42E-12	0.313637	0.505	0.517	9.61E-08	CD8.Tearly	MZT2B
PCED1B-AS	4.83E-12	0.282389	0.526	0.539	1.36E-07	CD8.Tearly	PCED1B-AS1
GSTK1	6.19E-12	0.301572	0.494	0.505	1.74E-07	CD8.Tearly	GSTK1
ELOB	8.74E-12	0.322569	0.494	0.512	2.46E-07	CD8.Tearly	ELOB
TRBC21	1.07E-11	0.321975	0.468	0.462	3.01E-07	CD8.Tearly	TRBC2
UQCRB1	9.54E-11	0.271344	0.583	0.61	2.68E-06	CD8.Tearly	UQCRB
LCK1	9.90E-11	0.25955	0.522	0.531	2.78E-06	CD8.Tearly	LCK
KRTCAP2	1.29E-10	0.320366	0.455	0.469	3.64E-06	CD8.Tearly	KRTCAP2
APRT1	4.43E-10	0.324977	0.466	0.482	1.25E-05	CD8.Tearly	APRT
MX1	6.10E-10	0.380373	0.259	0.232	1.72E-05	CD8.Tearly	MX1
CKLF	5.02E-09	0.341586	0.369	0.365	0.000141	CD8.Tearly	CKLF
ANAPC16	3.46E-08	0.276375	0.464	0.48	0.000974	CD8.Tearly	ANAPC16
RBL2	4.00E-08	0.322081	0.384	0.384	0.001127	CD8.Tearly	RBL2
DENND2D	5.89E-08	0.3225	0.294	0.28	0.001657	CD8.Tearly	DENND2D
EDF1	2.12E-06	0.267963	0.488	0.522	0.059561	CD8.Tearly	EDF1

GZMH1	2.16E-06	0.303082	0.354	0.339	0.060714	CD8.Tearly GZMH
ATP5MD	2.55E-06	0.32124	0.383	0.397	0.071637	CD8.Tearly ATP5MD
CD481	3.10E-06	0.28679	0.436	0.455	0.087134	CD8.Tearly CD48
FP671120.4	3.70E-06	0.271324	0.412	0.402	0.103977	CD8.Tearly FP671120.4
SOD1	6.07E-06	0.287717	0.437	0.462	0.170913	CD8.Tearly SOD1
SAMD3	6.98E-06	0.287864	0.302	0.294	0.196372	CD8.Tearly SAMD3
SMDT11	2.16E-05	0.315289	0.363	0.375	0.60708	CD8.Tearly SMDT1
TBC1D10C	3.55E-05	0.2524	0.401	0.412	0.998522	CD8.Tearly TBC1D10C
IFI6	0.000184	0.280138	0.283	0.273	1	CD8.Tearly IFI6
OCIAD21	0.000264	0.288867	0.292	0.294	1	CD8.Tearly OCIAD2
DRAP1	0.000272	0.265089	0.409	0.433	1	CD8.Tearly DRAP1
SLFN5	0.000496	0.279393	0.33	0.336	1	CD8.Tearly SLFN5
SYNRG	0.000573	0.258898	0.29	0.291	1	CD8.Tearly SYNRG
CHCHD10	0.000613	0.306097	0.264	0.266	1	CD8.Tearly CHCHD10
TOMM6	0.000722	0.315392	0.334	0.35	1	CD8.Tearly TOMM6
UBB	0.00079	0.314652	0.648	0.698	1	CD8.Tearly UBB
C4orf3	0.001003	0.292789	0.341	0.358	1	CD8.Tearly C4orf3
ATP5F1D	0.001037	0.261206	0.431	0.466	1	CD8.Tearly ATP5F1D
SHISA5	0.001774	0.278388	0.321	0.331	1	CD8.Tearly SHISA5
ARL6IP4	0.002036	0.257689	0.39	0.417	1	CD8.Tearly ARL6IP4
TSTD1	0.002145	0.30076	0.271	0.274	1	CD8.Tearly TSTD1
ZBTB381	0.002639	0.337467	0.251	0.252	1	CD8.Tearly ZBTB38
TMEM258	0.002738	0.266796	0.379	0.404	1	CD8.Tearly TMEM258
NDUFA3	0.002937	0.319003	0.302	0.313	1	CD8.Tearly NDUFA3
UQCR10	0.003804	0.290713	0.384	0.411	1	CD8.Tearly UQCR10
PPP1R18	0.009945	0.25993	0.313	0.325	1	CD8.Tearly PPP1R18
CNOT6L	0	2.164156	0.662	0.491	0	CD4-CD8-.1CNOT6L
SIK3	0	2.110321	0.71	0.547	0	CD4-CD8-.1SIK3
ATXN1	0	2.016418	0.573	0.372	0	CD4-CD8-.1ATXN1
CHST11	0	1.849896	0.659	0.532	0	CD4-CD8-.1CHST11
ARHGAP15	0	1.799635	0.71	0.598	0	CD4-CD8-.1ARHGAP15
PITPNC1	0	1.771014	0.616	0.512	0	CD4-CD8-.1PITPNC1
CDC42SE2	0	1.722362	0.637	0.52	0	CD4-CD8-.1CDC42SE2
PRKCH	0	1.700742	0.745	0.651	0	CD4-CD8-.1PRKCH
FYN	0	1.698488	0.828	0.755	0	CD4-CD8-.1FYN
CBLB	0	1.672405	0.678	0.584	0	CD4-CD8-.1CBLB
MT-ATP8	0	1.661847	0.77	0.687	0	CD4-CD8-.1MT-ATP8
PARP8	0	1.629192	0.764	0.706	0	CD4-CD8-.1PARP8
CELF2	0	1.623366	0.721	0.643	0	CD4-CD8-.1CELF2
EML4	0	1.562375	0.655	0.566	0	CD4-CD8-.1EML4
MT-ND3	0	1.535181	0.86	0.832	0	CD4-CD8-.1MT-ND3
MBNL1	0	1.510072	0.728	0.708	0	CD4-CD8-.1MBNL1
MT-CO1	0	1.457356	0.98	0.979	0	CD4-CD8-.1MT-CO1
MT-CO3	0	1.36779	0.924	0.92	0	CD4-CD8-.1MT-CO3
MT-ND2	0	1.340903	0.838	0.82	0	CD4-CD8-.1MT-ND2
MT-CO2	0	1.337471	0.957	0.957	0	CD4-CD8-.1MT-CO2
MT-ND1	0	1.328868	0.828	0.806	0	CD4-CD8-.1MT-ND1

MT-ND4L	0	1.327001	0.874	0.865	0	CD4-CD8-.1MT-ND4L
MT-CYB	0	1.304084	0.941	0.936	0	CD4-CD8-.1MT-CYB
MT-ND5	0	1.242419	0.763	0.764	0	CD4-CD8-.1MT-ND5
MALAT1	0	1.236757	0.999	0.999	0	CD4-CD8-.1MALAT1
MT-ND4	0	1.176821	0.805	0.809	0	CD4-CD8-.1MT-ND4
SMCHD1	1.70E-305	1.544961	0.668	0.607	4.77E-301	CD4-CD8-.1SMCHD1
ANKRD44	1.53E-304	1.55176	0.618	0.523	4.32E-300	CD4-CD8-.1ANKRD44
PPP1R16B	1.41E-295	1.786587	0.539	0.376	3.98E-291	CD4-CD8-.1PPP1R16B
LRBA	7.35E-284	1.668446	0.507	0.342	2.07E-279	CD4-CD8-.1LRBA
CYTH1	3.51E-282	1.755742	0.572	0.46	9.86E-278	CD4-CD8-.1CYTH1
FOXP1	1.91E-268	1.625084	0.599	0.51	5.37E-264	CD4-CD8-.1FOXP1
FNBP1	2.30E-262	1.472995	0.611	0.542	6.47E-258	CD4-CD8-.1FNBP1
LINC01619	9.96E-248	1.823284	0.499	0.347	2.80E-243	CD4-CD8-.1LINC01619
BCL11B	1.64E-241	1.558263	0.549	0.44	4.63E-237	CD4-CD8-.1BCL11B
RABGAP1L	1.95E-238	1.533374	0.58	0.505	5.47E-234	CD4-CD8-.1RABGAP1L
STAT4	4.74E-236	1.549442	0.593	0.518	1.33E-231	CD4-CD8-.1STAT4
MT-ATP6	3.32E-226	1.151787	0.8	0.817	9.34E-222	CD4-CD8-.1MT-ATP6
UTRN	3.65E-224	1.482364	0.543	0.443	1.03E-219	CD4-CD8-.1UTRN
SKAP1	8.97E-220	1.451868	0.61	0.573	2.52E-215	CD4-CD8-.1SKAP1
PIP4K2A	2.04E-218	1.572894	0.588	0.53	5.75E-214	CD4-CD8-.1PIP4K2A
MSI2	2.16E-213	1.595088	0.342	0.177	6.08E-209	CD4-CD8-.1MSI2
ARID1B	6.19E-208	1.557144	0.454	0.314	1.74E-203	CD4-CD8-.1ARID1B
AC016831	3.27E-204	1.573329	0.263	0.113	9.21E-200	CD4-CD8-.1AC016831.7
PCNX1	4.92E-204	1.609411	0.474	0.343	1.38E-199	CD4-CD8-.1PCNX1
CDC14A	1.39E-202	1.886222	0.416	0.263	3.92E-198	CD4-CD8-.1CDC14A
CEMIP2	9.25E-200	1.498349	0.597	0.554	2.60E-195	CD4-CD8-.1CEMIP2
ANKRD11	5.61E-197	1.500191	0.514	0.418	1.58E-192	CD4-CD8-.1ANKRD11
ZBTB20	9.22E-195	1.642945	0.496	0.39	2.60E-190	CD4-CD8-.1ZBTB20
PPP2R5C	4.87E-193	1.303229	0.582	0.534	1.37E-188	CD4-CD8-.1PPP2R5C
FOXO1	3.09E-192	1.692719	0.479	0.363	8.69E-188	CD4-CD8-.1FOXO1
KANSL1	2.01E-189	1.557611	0.436	0.3	5.66E-185	CD4-CD8-.1KANSL1
ARL15	1.86E-188	1.595315	0.335	0.182	5.22E-184	CD4-CD8-.1ARL15
FOXN3	1.52E-183	1.408262	0.541	0.47	4.27E-179	CD4-CD8-.1FOXN3
MGAT5	2.69E-182	1.771732	0.386	0.245	7.56E-178	CD4-CD8-.1MGAT5
KDM6A	1.38E-175	1.515057	0.35	0.205	3.89E-171	CD4-CD8-.1KDM6A
TNRC6B	8.66E-174	1.498545	0.464	0.355	2.44E-169	CD4-CD8-.1TNRC6B
IQGAP2	1.22E-164	1.395399	0.518	0.452	3.44E-160	CD4-CD8-.1IQGAP2
PTPRC	7.81E-161	0.840189	0.776	0.887	2.20E-156	CD4-CD8-.1PTPRC
SYTL3	9.21E-158	1.277423	0.629	0.635	2.59E-153	CD4-CD8-.1SYTL3
PDE3B	1.24E-157	1.788722	0.458	0.36	3.50E-153	CD4-CD8-.1PDE3B
KLF12	3.45E-153	1.547195	0.378	0.253	9.72E-149	CD4-CD8-.1KLF12
ARIH1	2.68E-150	1.428158	0.477	0.405	7.55E-146	CD4-CD8-.1ARIH1
ELMO1	1.26E-148	1.39041	0.452	0.35	3.55E-144	CD4-CD8-.1ELMO1
ARHGAP26	1.01E-142	1.393844	0.467	0.38	2.85E-138	CD4-CD8-.1ARHGAP26
MAML2	6.65E-142	1.661818	0.424	0.324	1.87E-137	CD4-CD8-.1MAML2
SLC38A1	3.47E-141	1.322342	0.514	0.472	9.76E-137	CD4-CD8-.1SLC38A1
CDK17	8.06E-141	1.435472	0.47	0.395	2.27E-136	CD4-CD8-.1CDK17

VPS13B	2.27E-140	1.404288	0.357	0.233	6.39E-136	CD4-CD8-.1VPS13B
DENND4A	1.10E-137	1.518928	0.406	0.3	3.10E-133	CD4-CD8-.1DENND4A
DOCK10	2.89E-137	1.386054	0.486	0.424	8.14E-133	CD4-CD8-.1DOCK10
FP236383.3	8.20E-135	1.340899	0.571	0.408	2.31E-130	CD4-CD8-.1FP236383.3
THEMIS1	4.06E-132	1.536703	0.433	0.341	1.14E-127	CD4-CD8-.1THEMIS
TMEM181	1.78E-129	1.341725	0.302	0.179	5.02E-125	CD4-CD8-.1TMEM181
STAG1	2.18E-129	1.431817	0.411	0.317	6.15E-125	CD4-CD8-.1STAG1
JARID2	2.86E-127	1.449219	0.351	0.239	8.05E-123	CD4-CD8-.1JARID2
CMIP	4.29E-127	1.525485	0.355	0.24	1.21E-122	CD4-CD8-.1CMIP
CAMK4	6.63E-127	1.445595	0.458	0.383	1.86E-122	CD4-CD8-.1CAMK4
ZFAND3	1.73E-126	1.403914	0.394	0.291	4.87E-122	CD4-CD8-.1ZFAND3
RNF19A	1.77E-125	1.43088	0.486	0.417	4.99E-121	CD4-CD8-.1RNF19A
EXOC4	3.62E-124	1.353026	0.362	0.251	1.02E-119	CD4-CD8-.1EXOC4
PDE7A	4.87E-123	1.403608	0.478	0.422	1.37E-118	CD4-CD8-.1PDE7A
FKBP5	3.64E-118	1.270359	0.552	0.561	1.02E-113	CD4-CD8-.1FKBP5
NEAT1	1.11E-116	1.21965	0.545	0.517	3.13E-112	CD4-CD8-.1NEAT1
KMT2C	4.16E-116	1.340067	0.4	0.312	1.17E-111	CD4-CD8-.1KMT2C
SLFN12L	4.40E-116	1.333455	0.286	0.17	1.24E-111	CD4-CD8-.1SLFN12L
FTX	7.72E-115	1.325771	0.278	0.164	2.17E-110	CD4-CD8-.1FTX
RORA1	1.31E-114	1.503161	0.472	0.416	3.68E-110	CD4-CD8-.1RORA
AAK1	1.45E-114	1.293358	0.448	0.378	4.08E-110	CD4-CD8-.1AAK1
BCAS3	1.85E-114	1.43663	0.285	0.172	5.22E-110	CD4-CD8-.1BCAS3
AKAP13	4.16E-114	1.01546	0.595	0.624	1.17E-109	CD4-CD8-.1AKAP13
FAM172A	2.83E-113	1.331023	0.325	0.214	7.97E-109	CD4-CD8-.1FAM172A
TOX	3.74E-112	1.77981	0.387	0.294	1.05E-107	CD4-CD8-.1TOX
DOCK2	7.31E-112	1.342534	0.401	0.313	2.06E-107	CD4-CD8-.1DOCK2
PAN3	1.18E-111	1.316881	0.316	0.208	3.33E-107	CD4-CD8-.1PAN3
ITK	1.82E-111	1.366581	0.475	0.424	5.12E-107	CD4-CD8-.1ITK
INPP4B1	5.41E-111	1.486777	0.385	0.29	1.52E-106	CD4-CD8-.1INPP4B
RUNX1	1.60E-110	1.427863	0.37	0.272	4.50E-106	CD4-CD8-.1RUNX1
PRKCB	2.16E-109	1.38951	0.414	0.337	6.07E-105	CD4-CD8-.1PRKCB
ANK3	8.45E-109	1.55541	0.256	0.148	2.38E-104	CD4-CD8-.1ANK3
MACF1	4.51E-108	1.190364	0.486	0.448	1.27E-103	CD4-CD8-.1MACF1
SYNE2	1.74E-107	1.281938	0.46	0.407	4.88E-103	CD4-CD8-.1SYNE2
HERC1	2.06E-105	1.269153	0.402	0.318	5.80E-101	CD4-CD8-.1HERC1
ATP8A1	2.69E-105	1.432444	0.365	0.271	7.57E-101	CD4-CD8-.1ATP8A1
RNF213	1.62E-104	1.106927	0.542	0.547	4.57E-100	CD4-CD8-.1RNF213
CDKAL1	4.33E-104	1.316896	0.284	0.178	1.22E-99	CD4-CD8-.1CDKAL1
MT-ND6	3.48E-103	1.435398	0.462	0.398	9.80E-99	CD4-CD8-.1MT-ND6
IKZF1	5.35E-103	1.045444	0.592	0.643	1.50E-98	CD4-CD8-.1IKZF1
PACS1	7.98E-103	1.40053	0.395	0.316	2.25E-98	CD4-CD8-.1PACS1
PTPRJ	8.79E-103	1.434021	0.352	0.259	2.47E-98	CD4-CD8-.1PTPRJ
SMYD3	1.24E-102	1.529411	0.333	0.236	3.48E-98	CD4-CD8-.1SMYD3
LPP	1.21E-99	1.326267	0.404	0.334	3.41E-95	CD4-CD8-.1LPP
JMJD1C	9.75E-97	1.301499	0.441	0.393	2.74E-92	CD4-CD8-.1JMJD1C
INPP5D	1.34E-95	1.362406	0.438	0.387	3.76E-91	CD4-CD8-.1INPP5D
ZHX2	4.68E-95	1.34797	0.269	0.168	1.32E-90	CD4-CD8-.1ZHX2

DYRK1A	1.21E-94	1.296523	0.317	0.221	3.41E-90	CD4-CD8-.1DYRK1A
SKI	2.50E-93	1.413046	0.316	0.222	7.02E-89	CD4-CD8-.1SKI
KAT2B	1.43E-92	1.299586	0.257	0.158	4.03E-88	CD4-CD8-.1KAT2B
TRAPPC9	1.95E-92	1.297415	0.285	0.188	5.48E-88	CD4-CD8-.1TRAPPC9
MYH9	5.21E-92	0.881636	0.612	0.69	1.47E-87	CD4-CD8-.1MYH9
BIRC6	7.16E-91	1.271338	0.395	0.329	2.01E-86	CD4-CD8-.1BIRC6
NIBAN1	1.04E-90	1.478525	0.408	0.345	2.93E-86	CD4-CD8-.1NIBAN1
FBXW7	1.64E-89	1.269422	0.302	0.209	4.62E-85	CD4-CD8-.1FBXW7
WWOX	2.97E-89	1.536743	0.276	0.18	8.37E-85	CD4-CD8-.1WWOX
RNF38	1.25E-88	1.258942	0.288	0.192	3.52E-84	CD4-CD8-.1RNF38
ARID4B	1.92E-87	1.182679	0.477	0.465	5.39E-83	CD4-CD8-.1ARID4B
ATP9B	3.28E-87	1.157501	0.268	0.171	9.24E-83	CD4-CD8-.1ATP9B
RAPGEF1	1.26E-85	1.274729	0.374	0.301	3.55E-81	CD4-CD8-.1RAPGEF1
COP1	1.58E-84	1.213036	0.293	0.202	4.45E-80	CD4-CD8-.1COP1
DOCK8	3.98E-84	1.147113	0.482	0.469	1.12E-79	CD4-CD8-.1DOCK8
ARAP2	4.91E-84	1.286205	0.404	0.343	1.38E-79	CD4-CD8-.1ARAP2
ABCC1	8.03E-83	1.268722	0.273	0.181	2.26E-78	CD4-CD8-.1ABCC1
USP36	5.46E-82	1.345246	0.399	0.344	1.54E-77	CD4-CD8-.1USP36
TBL1XR1	8.68E-82	1.329138	0.294	0.207	2.44E-77	CD4-CD8-.1TBL1XR1
LINC01934	1.87E-81	1.46138	0.295	0.207	5.26E-77	CD4-CD8-.1LINC01934
NCOA2	7.12E-81	1.303835	0.333	0.251	2.00E-76	CD4-CD8-.1NCOA2
CLASP1	2.07E-80	1.159827	0.275	0.183	5.82E-76	CD4-CD8-.1CLASP1
BTBD9	2.22E-80	1.37197	0.289	0.202	6.25E-76	CD4-CD8-.1BTBD9
FP671120.4	1.79E-79	1.365663	0.472	0.395	5.03E-75	CD4-CD8-.1FP671120.4
PRKCA	8.45E-78	1.361548	0.266	0.179	2.38E-73	CD4-CD8-.1PRKCA
SIPA1L1	3.73E-77	1.373104	0.376	0.312	1.05E-72	CD4-CD8-.1SIPA1L1
STIM1	1.63E-76	1.265068	0.291	0.207	4.59E-72	CD4-CD8-.1STIM1
AKNA	2.06E-76	1.075838	0.497	0.498	5.79E-72	CD4-CD8-.1AKNA
OSBPL8	1.13E-75	1.330209	0.423	0.389	3.19E-71	CD4-CD8-.1OSBPL8
RASA3	3.10E-74	1.355746	0.437	0.408	8.72E-70	CD4-CD8-.1RASA3
DPYD	3.19E-73	1.333309	0.377	0.322	8.98E-69	CD4-CD8-.1DPYD
PRKCQ	1.28E-72	1.206983	0.343	0.273	3.61E-68	CD4-CD8-.1PRKCQ
SFMBT2	2.85E-71	1.316024	0.361	0.295	8.01E-67	CD4-CD8-.1SFMBT2
USP34	3.94E-70	1.172997	0.365	0.305	1.11E-65	CD4-CD8-.1USP34
MAP3K5	3.95E-70	1.271152	0.291	0.213	1.11E-65	CD4-CD8-.1MAP3K5
STK39	1.04E-68	1.164968	0.265	0.183	2.92E-64	CD4-CD8-.1STK39
EPB41	1.50E-68	1.213569	0.375	0.324	4.21E-64	CD4-CD8-.1EPB41
TNIK	1.62E-68	1.268056	0.304	0.229	4.55E-64	CD4-CD8-.1TNIK
MED13L	1.65E-68	1.200722	0.289	0.212	4.65E-64	CD4-CD8-.1MED13L
ANKRD12	1.68E-68	1.094678	0.471	0.47	4.74E-64	CD4-CD8-.1ANKRD12
NLRC5	4.48E-68	1.161616	0.283	0.203	1.26E-63	CD4-CD8-.1NLRC5
GATAD2B	1.10E-67	1.176505	0.254	0.173	3.09E-63	CD4-CD8-.1GATAD2B
FBXL17	1.47E-67	1.267549	0.258	0.178	4.14E-63	CD4-CD8-.1FBXL17
CAMK1D	1.33E-66	1.394423	0.3	0.228	3.73E-62	CD4-CD8-.1CAMK1D
PSME4	1.60E-65	1.221094	0.286	0.212	4.52E-61	CD4-CD8-.1PSME4
VTI1A	6.01E-64	1.207716	0.266	0.189	1.69E-59	CD4-CD8-.1VTI1A
PIK3R5	9.07E-64	1.182745	0.373	0.323	2.55E-59	CD4-CD8-.1PIK3R5

SSH2	1.91E-63	1.160758	0.43	0.41	5.36E-59	CD4-CD8-.1SSH2
BRAF	9.79E-63	1.208564	0.292	0.22	2.75E-58	CD4-CD8-.1BRAF
PLEKHA2	3.91E-62	1.272004	0.32	0.257	1.10E-57	CD4-CD8-.1PLEKHA2
FAF1	5.54E-62	1.216433	0.315	0.251	1.56E-57	CD4-CD8-.1FAF1
ZC3HAV1	1.21E-61	1.047797	0.497	0.531	3.40E-57	CD4-CD8-.1ZC3HAV1
RALGAPA1	6.33E-61	1.235276	0.376	0.334	1.78E-56	CD4-CD8-.1RALGAPA1
NKTR	3.42E-59	1.132621	0.338	0.28	9.63E-55	CD4-CD8-.1NKTR
RASA2	5.99E-58	1.08616	0.427	0.411	1.68E-53	CD4-CD8-.1RASA2
UBR5	1.41E-56	1.097671	0.264	0.194	3.98E-52	CD4-CD8-.1UBR5
CRYBG1	3.33E-56	1.266364	0.397	0.369	9.36E-52	CD4-CD8-.1CRYBG1
WNK1	1.34E-55	1.206309	0.378	0.343	3.78E-51	CD4-CD8-.1WNK1
CREBBP	8.48E-55	1.10488	0.274	0.207	2.39E-50	CD4-CD8-.1CREBBP
KAT6A	1.32E-54	1.145133	0.314	0.256	3.72E-50	CD4-CD8-.1KAT6A
BCL2	1.48E-54	1.58667	0.392	0.374	4.16E-50	CD4-CD8-.1BCL2
MLLT3	1.72E-54	1.21516	0.252	0.183	4.85E-50	CD4-CD8-.1MLLT3
CD96	4.85E-54	0.938265	0.537	0.6	1.36E-49	CD4-CD8-.1CD96
ANKRD17	6.90E-54	1.097687	0.274	0.208	1.94E-49	CD4-CD8-.1ANKRD17
TBC1D5	1.00E-53	1.173144	0.33	0.278	2.83E-49	CD4-CD8-.1TBC1D5
STK10	1.81E-53	1.086275	0.4	0.379	5.10E-49	CD4-CD8-.1STK10
CHD2	3.13E-53	1.08575	0.407	0.391	8.80E-49	CD4-CD8-.1CHD2
KMT2E	3.25E-53	0.954449	0.492	0.537	9.13E-49	CD4-CD8-.1KMT2E
SH3KBP1	1.28E-52	1.05698	0.439	0.448	3.60E-48	CD4-CD8-.1SH3KBP1
ASH1L	1.96E-52	1.142341	0.338	0.292	5.52E-48	CD4-CD8-.1ASH1L
PPP3CA	1.14E-51	1.215697	0.287	0.227	3.22E-47	CD4-CD8-.1PPP3CA
RICTOR	1.28E-49	1.066116	0.275	0.212	3.61E-45	CD4-CD8-.1RICTOR
GNG2	2.17E-49	1.086725	0.488	0.529	6.11E-45	CD4-CD8-.1GNG2
RNF125	4.92E-48	1.107683	0.43	0.437	1.39E-43	CD4-CD8-.1RNF125
ATF7IP	6.18E-48	1.103764	0.379	0.356	1.74E-43	CD4-CD8-.1ATF7IP
CASK	9.11E-47	1.18458	0.312	0.265	2.56E-42	CD4-CD8-.1CASK
USP9X	1.57E-46	1.087188	0.261	0.201	4.40E-42	CD4-CD8-.1USP9X
TBC1D22A	2.68E-46	1.114222	0.282	0.226	7.53E-42	CD4-CD8-.1TBC1D22A
ADK	5.08E-46	1.13326	0.276	0.221	1.43E-41	CD4-CD8-.1ADK
CD44	5.21E-46	1.031924	0.533	0.615	1.47E-41	CD4-CD8-.1CD44
GPCPD1	2.62E-43	1.246442	0.308	0.265	7.36E-39	CD4-CD8-.1GPCPD1
NEK7	2.81E-42	1.161282	0.268	0.215	7.91E-38	CD4-CD8-.1NEK7
ZSWIM6	3.91E-42	1.155195	0.309	0.265	1.10E-37	CD4-CD8-.1ZSWIM6
CEP85L	9.95E-42	1.077437	0.255	0.199	2.80E-37	CD4-CD8-.1CEP85L
TC2N1	1.39E-41	1.041948	0.43	0.448	3.90E-37	CD4-CD8-.1TC2N
STK4	1.42E-41	0.900761	0.533	0.625	3.99E-37	CD4-CD8-.1STK4
PPP6R3	1.52E-41	1.063364	0.302	0.258	4.27E-37	CD4-CD8-.1PPP6R3
SLC4A7	8.28E-41	1.145349	0.293	0.247	2.33E-36	CD4-CD8-.1SLC4A7
AOAH	1.07E-40	1.28073	0.408	0.403	3.00E-36	CD4-CD8-.1AOAH
BACH2	2.69E-40	1.365607	0.275	0.226	7.57E-36	CD4-CD8-.1BACH2
OGT	2.69E-40	1.020872	0.35	0.32	7.58E-36	CD4-CD8-.1OGT
TCF12	8.11E-40	1.083983	0.298	0.255	2.28E-35	CD4-CD8-.1TCF12
PBX41	1.93E-39	1.28753	0.279	0.233	5.42E-35	CD4-CD8-.1PBX4
INPP4A	3.34E-39	1.058985	0.293	0.249	9.39E-35	CD4-CD8-.1INPP4A

SPIDR	3.99E-39	1.125144	0.283	0.237	1.12E-34	CD4-CD8-.1SPIDR
VAV3	4.51E-39	1.173951	0.27	0.216	1.27E-34	CD4-CD8-.1VAV3
PAG1	1.13E-38	1.143184	0.285	0.24	3.19E-34	CD4-CD8-.1PAG1
TSPAN5	2.00E-38	1.196829	0.276	0.23	5.63E-34	CD4-CD8-.1TSPAN5
CCNH	4.94E-38	0.840974	0.579	0.685	1.39E-33	CD4-CD8-.1CCNH
NFAT5	6.82E-38	1.074045	0.287	0.242	1.92E-33	CD4-CD8-.1NFAT5
CCSER2	4.79E-37	1.065503	0.354	0.338	1.35E-32	CD4-CD8-.1CCSER2
PPP1CB	2.27E-36	1.164014	0.326	0.301	6.39E-32	CD4-CD8-.1PPP1CB
NIPBL	3.03E-36	1.017597	0.354	0.34	8.52E-32	CD4-CD8-.1NIPBL
CARD11	3.82E-36	1.046187	0.289	0.247	1.07E-31	CD4-CD8-.1CARD11
RIPOR2	4.09E-36	1.153284	0.353	0.332	1.15E-31	CD4-CD8-.1RIPOR2
RTN4	4.41E-36	0.256493	0.169	0.303	1.24E-31	CD4-CD8-.1RTN4
ZNF831	2.41E-35	1.087273	0.3	0.262	6.79E-31	CD4-CD8-.1ZNF831
CUL3	1.40E-34	1.083502	0.34	0.323	3.94E-30	CD4-CD8-.1CUL3
CD247	2.04E-34	0.814974	0.506	0.571	5.74E-30	CD4-CD8-.1CD247
KIF13B	8.41E-34	1.112776	0.263	0.22	2.37E-29	CD4-CD8-.1KIF13B
HIVEP2	9.14E-34	1.089539	0.283	0.246	2.57E-29	CD4-CD8-.1HIVEP2
SLC7A5	1.17E-33	1.213194	0.365	0.363	3.28E-29	CD4-CD8-.1SLC7A5
CLEC2D	2.77E-33	1.018504	0.344	0.325	7.80E-29	CD4-CD8-.1CLEC2D
ZCCHC7	7.38E-33	1.071538	0.265	0.225	2.08E-28	CD4-CD8-.1ZCCHC7
P2RY8	7.78E-33	1.12359	0.355	0.346	2.19E-28	CD4-CD8-.1P2RY8
PAK2	1.89E-32	0.283935	0.199	0.341	5.32E-28	CD4-CD8-.1PAK2
SUCLG2	3.82E-32	1.093834	0.275	0.238	1.08E-27	CD4-CD8-.1SUCLG2
DDX6	4.84E-32	0.273871	0.229	0.384	1.36E-27	CD4-CD8-.1DDX6
ATP1A1	3.06E-31	0.333222	0.16	0.28	8.62E-27	CD4-CD8-.1ATP1A1
ARHGAP45	5.78E-31	0.260085	0.195	0.33	1.63E-26	CD4-CD8-.1ARHGAP45
CCND3	7.18E-31	0.913681	0.535	0.654	2.02E-26	CD4-CD8-.1CCND3
SRSF10	1.08E-30	0.284433	0.239	0.4	3.05E-26	CD4-CD8-.1SRSF10
PUM2	1.30E-30	0.986428	0.28	0.245	3.66E-26	CD4-CD8-.1PUM2
WTAP	1.70E-30	0.308366	0.216	0.365	4.79E-26	CD4-CD8-.1WTAP
PTPN22	2.29E-30	1.077651	0.366	0.362	6.44E-26	CD4-CD8-.1PTPN22
ARHGEF7	6.03E-30	1.159992	0.282	0.248	1.70E-25	CD4-CD8-.1ARHGEF7
ATXN7	1.04E-29	0.943395	0.259	0.22	2.92E-25	CD4-CD8-.1ATXN7
RBM6	2.30E-29	1.009936	0.274	0.239	6.47E-25	CD4-CD8-.1RBM6
TMEM259	2.95E-29	0.310666	0.181	0.309	8.30E-25	CD4-CD8-.1TMEM259
RAB7A	3.53E-29	0.315942	0.234	0.391	9.94E-25	CD4-CD8-.1RAB7A
ESYT2	3.55E-29	1.041653	0.283	0.253	9.98E-25	CD4-CD8-.1ESYT2
KDM4C	4.94E-29	0.981951	0.283	0.252	1.39E-24	CD4-CD8-.1KDM4C
USP15	9.10E-29	0.92114	0.421	0.461	2.56E-24	CD4-CD8-.1USP15
PRDM2	1.12E-28	0.950571	0.256	0.217	3.15E-24	CD4-CD8-.1PRDM2
IDS	1.15E-28	0.333968	0.308	0.501	3.22E-24	CD4-CD8-.1IDS
MECP2	2.23E-28	1.006908	0.262	0.227	6.27E-24	CD4-CD8-.1MECP2
KDM6B	3.26E-28	0.259907	0.167	0.281	9.17E-24	CD4-CD8-.1KDM6B
LDLRAD4	8.56E-28	1.166262	0.368	0.364	2.41E-23	CD4-CD8-.1LDLRAD4
ATP1B3	1.66E-27	1.307473	0.402	0.422	4.67E-23	CD4-CD8-.1ATP1B3
CCDC88C	2.01E-27	0.972134	0.33	0.316	5.67E-23	CD4-CD8-.1CCDC88C
KTN1	5.85E-27	0.283576	0.211	0.347	1.64E-22	CD4-CD8-.1KTN1

ETS1	6.60E-27	0.666077	0.609	0.749	1.86E-22	CD4-CD8-.1ETS1
GLS	1.35E-26	1.015406	0.362	0.371	3.80E-22	CD4-CD8-.1GLS
TAX1BP1	2.42E-26	0.301955	0.212	0.35	6.80E-22	CD4-CD8-.1TAX1BP1
ATP11B	3.25E-26	0.955166	0.271	0.24	9.14E-22	CD4-CD8-.1ATP11B
CD55	4.37E-26	0.296818	0.267	0.426	1.23E-21	CD4-CD8-.1CD55
AUTS2	4.87E-26	1.08293	0.398	0.424	1.37E-21	CD4-CD8-.1AUTS2
TENT5C2	8.37E-26	0.250594	0.308	0.49	2.36E-21	CD4-CD8-.1TENT5C
SRPK2	1.34E-25	1.066739	0.314	0.303	3.76E-21	CD4-CD8-.1SRPK2
PRKACB	1.84E-25	0.337621	0.161	0.268	5.18E-21	CD4-CD8-.1PRKACB
SEPTIN2	1.91E-25	0.273218	0.172	0.285	5.38E-21	CD4-CD8-.1SEPTIN2
RPS6KA3	1.03E-24	1.027027	0.32	0.312	2.90E-20	CD4-CD8-.1RPS6KA3
RFTN1	1.10E-24	1.008286	0.293	0.271	3.10E-20	CD4-CD8-.1RFTN1
MKLN1	1.13E-24	0.94583	0.25	0.217	3.17E-20	CD4-CD8-.1MKLN1
MYCBP2	1.52E-24	0.952911	0.363	0.374	4.27E-20	CD4-CD8-.1MYCBP2
NUP98	1.61E-24	0.970074	0.293	0.273	4.53E-20	CD4-CD8-.1NUP98
GPRIN3	3.66E-24	1.092318	0.285	0.264	1.03E-19	CD4-CD8-.1GPRIN3
EIF3A	9.19E-24	0.340701	0.197	0.32	2.59E-19	CD4-CD8-.1EIF3A
ARHGAP4	1.69E-23	0.349752	0.187	0.304	4.75E-19	CD4-CD8-.1ARHGAP4
HSPA9	3.40E-23	0.336391	0.202	0.327	9.56E-19	CD4-CD8-.1HSPA9
RBM39	4.07E-23	0.638869	0.535	0.664	1.15E-18	CD4-CD8-.1RBM39
GRB2	4.37E-23	0.343912	0.204	0.328	1.23E-18	CD4-CD8-.1GRB2
PICALM	6.25E-23	0.915978	0.3	0.283	1.76E-18	CD4-CD8-.1PICALM
FLNA	6.46E-23	0.408671	0.237	0.379	1.82E-18	CD4-CD8-.1FLNA
URI1	1.71E-22	0.293814	0.159	0.259	4.80E-18	CD4-CD8-.1URI1
TIPARP	1.81E-22	0.309938	0.172	0.277	5.09E-18	CD4-CD8-.1TIPARP
TGFB1	2.23E-22	0.436022	0.405	0.656	6.27E-18	CD4-CD8-.1TGFB1
CCDC91	5.32E-22	1.037994	0.267	0.245	1.50E-17	CD4-CD8-.1CCDC91
PBXIP11	6.70E-22	0.270184	0.192	0.304	1.88E-17	CD4-CD8-.1PBXIP1
TNFAIP31	1.07E-21	0.553642	0.699	0.79	3.00E-17	CD4-CD8-.1TNFAIP3
RAPGEF6	1.63E-21	0.932533	0.292	0.275	4.58E-17	CD4-CD8-.1RAPGEF6
CFLAR	2.35E-21	0.339867	0.266	0.419	6.62E-17	CD4-CD8-.1CFLAR
HELZ	3.22E-21	0.933809	0.273	0.252	9.07E-17	CD4-CD8-.1HELZ
SF1	3.27E-21	0.300076	0.367	0.582	9.20E-17	CD4-CD8-.1SF1
PRKX	3.28E-21	1.019227	0.253	0.227	9.24E-17	CD4-CD8-.1PRKX
ABLIM1	5.55E-21	1.089486	0.311	0.305	1.56E-16	CD4-CD8-.1ABLIM1
SNRNP70	6.59E-21	0.384519	0.195	0.312	1.86E-16	CD4-CD8-.1SNRNP70
HIF1A	7.98E-21	0.286004	0.193	0.302	2.24E-16	CD4-CD8-.1HIF1A
CYLD	8.18E-21	0.346236	0.163	0.262	2.30E-16	CD4-CD8-.1CYLD
KDM2A	9.95E-21	0.946967	0.311	0.305	2.80E-16	CD4-CD8-.1KDM2A
TMF1	1.23E-20	0.341456	0.17	0.272	3.46E-16	CD4-CD8-.1TMF1
RASA1	2.26E-20	1.044312	0.3	0.293	6.37E-16	CD4-CD8-.1RASA1
AMD1	3.81E-20	0.317306	0.178	0.283	1.07E-15	CD4-CD8-.1AMD1
MIER1	4.00E-20	0.321516	0.165	0.263	1.12E-15	CD4-CD8-.1MIER1
ARHGEF3	4.04E-20	1.008037	0.296	0.284	1.14E-15	CD4-CD8-.1ARHGEF3
YPEL51	7.96E-20	0.271369	0.352	0.544	2.24E-15	CD4-CD8-.1YPEL5
RANBP2	8.44E-20	0.951989	0.394	0.428	2.37E-15	CD4-CD8-.1RANBP2
CHIC2	8.51E-20	0.347315	0.169	0.269	2.39E-15	CD4-CD8-.1CHIC2

OFD1	1.34E-19	0.365667	0.162	0.258	3.77E-15	CD4-CD8-.1OFD1
MAP3K2	1.37E-19	1.011581	0.285	0.275	3.85E-15	CD4-CD8-.1MAP3K2
OGA	1.70E-19	0.881066	0.302	0.293	4.79E-15	CD4-CD8-.1OGA
SND1	2.13E-19	0.962117	0.287	0.277	5.99E-15	CD4-CD8-.1SND1
SMG1	2.49E-19	0.868487	0.275	0.258	7.00E-15	CD4-CD8-.1SMG1
FRYL	2.93E-19	0.94952	0.257	0.236	8.24E-15	CD4-CD8-.1FRYL
SMAP1	3.63E-19	0.382665	0.164	0.26	1.02E-14	CD4-CD8-.1SMAP1
PDE4D1	3.91E-19	1.071107	0.341	0.348	1.10E-14	CD4-CD8-.1PDE4D
AGO2	4.55E-19	0.96677	0.271	0.256	1.28E-14	CD4-CD8-.1AGO2
EPS15	1.01E-18	0.968023	0.31	0.308	2.85E-14	CD4-CD8-.1EPS15
ADGRE5	1.40E-18	0.959191	0.453	0.531	3.95E-14	CD4-CD8-.1ADGRE5
SETD2	1.60E-18	0.96732	0.306	0.304	4.49E-14	CD4-CD8-.1SETD2
PLCL2	2.23E-18	0.964273	0.272	0.256	6.28E-14	CD4-CD8-.1PLCL2
ZNF292	2.54E-18	0.894935	0.274	0.259	7.15E-14	CD4-CD8-.1ZNF292
ATP2B1	2.87E-18	1.035332	0.263	0.246	8.07E-14	CD4-CD8-.1ATP2B1
DDX21	3.28E-18	0.35432	0.182	0.283	9.23E-14	CD4-CD8-.1DDX21
MCUB	3.99E-18	0.439956	0.204	0.318	1.12E-13	CD4-CD8-.1MCUB
TSPAN14	4.89E-18	0.356321	0.178	0.278	1.37E-13	CD4-CD8-.1TSPAN14
KLF13	9.07E-18	0.363613	0.239	0.367	2.55E-13	CD4-CD8-.1KLF13
PTBP3	3.34E-17	0.354482	0.163	0.254	9.40E-13	CD4-CD8-.1PTBP3
PTPN7	5.39E-17	0.379935	0.184	0.283	1.52E-12	CD4-CD8-.1PTPN7
SAMHD1	5.82E-17	0.446439	0.243	0.371	1.64E-12	CD4-CD8-.1SAMHD1
SEPTIN6	7.78E-17	0.409481	0.274	0.423	2.19E-12	CD4-CD8-.1SEPTIN6
ZAP70	1.15E-16	0.38952	0.256	0.391	3.23E-12	CD4-CD8-.1ZAP70
C5orf56	1.52E-16	0.359881	0.164	0.253	4.28E-12	CD4-CD8-.1C5orf56
CAST	1.95E-16	0.442691	0.244	0.372	5.48E-12	CD4-CD8-.1CAST
SLC2A31	2.36E-16	0.355218	0.396	0.593	6.63E-12	CD4-CD8-.1SLC2A3
DIP2A	3.44E-16	0.90708	0.288	0.282	9.68E-12	CD4-CD8-.1DIP2A
TGFBR2	4.45E-16	0.964533	0.363	0.394	1.25E-11	CD4-CD8-.1TGFBR2
ZNF644	6.06E-16	0.92589	0.287	0.284	1.70E-11	CD4-CD8-.1ZNF644
SAMSN1	4.33E-15	0.834714	0.441	0.513	1.22E-10	CD4-CD8-.1SAMSN1
RAB2A	5.49E-15	0.417319	0.235	0.359	1.55E-10	CD4-CD8-.1RAB2A
FAM49B	6.16E-15	0.883672	0.388	0.442	1.73E-10	CD4-CD8-.1FAM49B
TRA2A	7.45E-15	0.945605	0.289	0.288	2.10E-10	CD4-CD8-.1TRA2A
IFI16	8.44E-15	0.418652	0.272	0.412	2.37E-10	CD4-CD8-.1IFI16
TUT4	1.10E-14	0.851351	0.262	0.251	3.10E-10	CD4-CD8-.1TUT4
IQGAP1	1.31E-14	0.442982	0.297	0.452	3.69E-10	CD4-CD8-.1IQGAP1
SPOCK21	1.80E-14	0.332467	0.32	0.48	5.06E-10	CD4-CD8-.1SPOCK2
PREX1	1.94E-14	0.835019	0.38	0.423	5.45E-10	CD4-CD8-.1PREX1
PHF3	2.40E-14	0.388704	0.202	0.303	6.76E-10	CD4-CD8-.1PHF3
SYNE1	2.87E-14	0.864985	0.301	0.303	8.07E-10	CD4-CD8-.1SYNE1
NFKB1	3.13E-14	0.969732	0.38	0.415	8.80E-10	CD4-CD8-.1NFKB1
ARID5B	3.60E-14	0.943509	0.352	0.377	1.01E-09	CD4-CD8-.1ARID5B
YWHAE	6.79E-14	0.390371	0.167	0.251	1.91E-09	CD4-CD8-.1YWHAE
LYST1	7.80E-14	0.957639	0.297	0.299	2.19E-09	CD4-CD8-.1LYST
PTPN2	1.01E-13	0.422227	0.176	0.265	2.84E-09	CD4-CD8-.1PTPN2
YME1L1	1.06E-13	0.407293	0.238	0.356	2.98E-09	CD4-CD8-.1YME1L1

NDFIP1	1.40E-13	0.512372	0.261	0.392	3.95E-09	CD4-CD8-.1NDFIP1
OXNAD1	1.65E-13	0.890673	0.382	0.428	4.65E-09	CD4-CD8-.1OXNAD1
FYB1	2.06E-13	0.272847	0.427	0.639	5.80E-09	CD4-CD8-.1FYB1
ALG13	2.21E-13	0.409248	0.17	0.256	6.21E-09	CD4-CD8-.1ALG13
NEDD9	2.82E-13	0.898947	0.304	0.311	7.93E-09	CD4-CD8-.1NEDD9
ARHGEF1	3.20E-13	0.372293	0.36	0.547	9.01E-09	CD4-CD8-.1ARHGEF1
SNRNP200	9.65E-13	0.3879	0.172	0.254	2.72E-08	CD4-CD8-.1SNRNP200
SEMA4D	2.24E-12	0.914836	0.343	0.375	6.30E-08	CD4-CD8-.1SEMA4D
GOLGA4	3.00E-12	0.843027	0.264	0.261	8.45E-08	CD4-CD8-.1GOLGA4
GNA13	3.08E-12	0.459442	0.189	0.278	8.66E-08	CD4-CD8-.1GNA13
CHD1	3.55E-12	0.874987	0.319	0.339	9.98E-08	CD4-CD8-.1CHD1
DDX39B	5.48E-12	0.38745	0.205	0.3	1.54E-07	CD4-CD8-.1DDX39B
INTS6	6.89E-12	0.505297	0.204	0.3	1.94E-07	CD4-CD8-.1INTS6
ELL2	1.04E-11	0.813891	0.38	0.423	2.91E-07	CD4-CD8-.1ELL2
PNISR	1.41E-11	0.418571	0.238	0.348	3.97E-07	CD4-CD8-.1PNISR
BPTF	1.45E-11	0.848399	0.352	0.392	4.09E-07	CD4-CD8-.1BPTF
USP47	1.75E-11	0.84241	0.25	0.245	4.91E-07	CD4-CD8-.1USP47
ACAP1	2.00E-11	0.443834	0.302	0.449	5.64E-07	CD4-CD8-.1ACAP1
TNFAIP8	2.17E-11	1.081127	0.316	0.344	6.09E-07	CD4-CD8-.1TNFAIP8
RBMS1	2.76E-11	1.122415	0.342	0.385	7.77E-07	CD4-CD8-.1RBMS1
CYTOR1	2.90E-11	0.432089	0.218	0.312	8.15E-07	CD4-CD8-.1CYTOR
NFATC2	3.61E-11	0.877313	0.341	0.376	1.02E-06	CD4-CD8-.1NFATC2
TAOK3	3.71E-11	0.899032	0.28	0.285	1.04E-06	CD4-CD8-.1TAOK3
IFRD1	4.58E-11	0.502195	0.26	0.38	1.29E-06	CD4-CD8-.1IFRD1
USP3	5.20E-11	0.868202	0.279	0.287	1.46E-06	CD4-CD8-.1USP3
TACC1	6.00E-11	0.417806	0.188	0.273	1.69E-06	CD4-CD8-.1TACC1
GCC2	6.29E-11	0.398187	0.203	0.292	1.77E-06	CD4-CD8-.1GCC2
RBM25	6.37E-11	0.413837	0.287	0.424	1.79E-06	CD4-CD8-.1RBM25
CSNK1A1	7.04E-11	0.464517	0.234	0.343	1.98E-06	CD4-CD8-.1CSNK1A1
MYO9B	1.42E-10	0.853682	0.267	0.271	3.99E-06	CD4-CD8-.1MYO9B
FOSL2	2.16E-10	0.400704	0.227	0.324	6.06E-06	CD4-CD8-.1FOSL2
NR4A3	2.38E-10	0.40318	0.228	0.324	6.69E-06	CD4-CD8-.1NR4A3
HSPH11	6.35E-10	0.553179	0.264	0.37	1.79E-05	CD4-CD8-.1HSPH11
ZNF331	7.44E-10	0.672975	0.526	0.634	2.09E-05	CD4-CD8-.1ZNF331
LNPEP	1.32E-09	0.421414	0.197	0.279	3.71E-05	CD4-CD8-.1LNPEP
SMARCA2	1.42E-09	0.849665	0.339	0.376	3.99E-05	CD4-CD8-.1SMARCA2
DDX241	1.55E-09	0.301539	0.437	0.642	4.37E-05	CD4-CD8-.1DDX241
NASP	1.85E-09	0.454269	0.209	0.301	5.19E-05	CD4-CD8-.1NASP
SCML4	2.17E-09	0.843447	0.355	0.4	6.09E-05	CD4-CD8-.1SCML4
GPATCH8	3.34E-09	0.884486	0.262	0.267	9.39E-05	CD4-CD8-.1GPATCH8
PTK2B	3.90E-09	0.844764	0.257	0.261	0.00011	CD4-CD8-.1PTK2B
ANKHD1	4.57E-09	0.826764	0.314	0.345	0.000129	CD4-CD8-.1ANKHD1
ADD3	4.93E-09	0.476575	0.189	0.268	0.000139	CD4-CD8-.1ADD3
SLTM	5.06E-09	0.475232	0.238	0.343	0.000143	CD4-CD8-.1SLTM
HECA	5.36E-09	0.840584	0.271	0.282	0.000151	CD4-CD8-.1HECA
NFE2L2	1.18E-08	0.477763	0.219	0.31	0.000333	CD4-CD8-.1NFE2L2
PIAS1	1.50E-08	0.846758	0.274	0.287	0.000423	CD4-CD8-.1PIAS1

MAPK1	1.59E-08	0.438	0.233	0.33	0.000447	CD4-CD8-.1MAPK1
CYFIP2	2.21E-08	0.439511	0.243	0.343	0.000621	CD4-CD8-.1CYFIP2
WDR33	2.29E-08	0.49536	0.184	0.261	0.000646	CD4-CD8-.1WDR33
XRN1	3.13E-08	0.767652	0.256	0.26	0.000881	CD4-CD8-.1XRN1
SMAP2	3.45E-08	0.646111	0.484	0.616	0.00097	CD4-CD8-.1SMAP2
RSF1	3.52E-08	0.459298	0.222	0.313	0.000991	CD4-CD8-.1RSF1
AKAP9	3.78E-08	0.826607	0.284	0.301	0.001064	CD4-CD8-.1AKAP9
PPP1R10	5.44E-08	0.491416	0.207	0.291	0.001531	CD4-CD8-.1PPP1R10
BCLAF1	5.53E-08	0.482026	0.278	0.399	0.001556	CD4-CD8-.1BCLAF1
SYNRG1	7.61E-08	0.499198	0.214	0.301	0.002142	CD4-CD8-.1SYNRG
RUNX31	9.16E-08	0.620007	0.472	0.587	0.002578	CD4-CD8-.1RUNX3
STAG2	1.36E-07	0.84086	0.25	0.257	0.00384	CD4-CD8-.1STAG2
FNBP4	1.63E-07	0.444016	0.234	0.326	0.004596	CD4-CD8-.1FNBP4
TAF15	2.13E-07	0.489768	0.222	0.31	0.005985	CD4-CD8-.1TAF15
MALT1	2.46E-07	0.871201	0.248	0.255	0.006925	CD4-CD8-.1MALT1
TCF25	2.56E-07	0.782855	0.373	0.44	0.007202	CD4-CD8-.1TCF25
FAM107B	3.00E-07	0.633234	0.283	0.405	0.008433	CD4-CD8-.1FAM107B
SPTAN1	3.30E-07	0.516489	0.298	0.427	0.009284	CD4-CD8-.1SPTAN1
TRA2B	3.41E-07	0.431105	0.301	0.427	0.009602	CD4-CD8-.1TRA2B
PYHIN1	3.97E-07	0.842556	0.272	0.283	0.011157	CD4-CD8-.1PYHIN1
ACTN4	5.36E-07	0.444592	0.228	0.314	0.015079	CD4-CD8-.1ACTN4
GLCCI1	6.70E-07	0.910578	0.292	0.321	0.01886	CD4-CD8-.1GLCCI1
CCNY	8.35E-07	0.894896	0.248	0.261	0.023495	CD4-CD8-.1CCNY
DNAJB6	8.45E-07	0.829292	0.354	0.417	0.02377	CD4-CD8-.1DNAJB6
YTHDC1	1.17E-06	0.460114	0.221	0.304	0.032961	CD4-CD8-.1YTHDC1
TRAPPC10	1.19E-06	0.81483	0.26	0.275	0.0336	CD4-CD8-.1TRAPPC10
WAC	1.55E-06	0.831379	0.265	0.282	0.043539	CD4-CD8-.1WAC
IVNS1ABP	2.07E-06	0.527316	0.236	0.326	0.058308	CD4-CD8-.1IVNS1ABP
PAFAH1B1	2.24E-06	0.823531	0.297	0.332	0.062979	CD4-CD8-.1PAFAH1B1
ITGA4	2.32E-06	0.820847	0.369	0.435	0.065403	CD4-CD8-.1ITGA4
PRPF4B	3.79E-06	0.476832	0.201	0.272	0.106651	CD4-CD8-.1PRPF4B
CD6	3.85E-06	0.828923	0.331	0.382	0.10843	CD4-CD8-.1CD6
ASXL1	4.01E-06	0.803224	0.258	0.273	0.112822	CD4-CD8-.1ASXL1
NFKBIZ1	5.53E-06	0.485454	0.298	0.409	0.155614	CD4-CD8-.1NFKBIZ
TNFRSF1B	6.21E-06	0.516829	0.257	0.355	0.174643	CD4-CD8-.1TNFRSF1B
SRRM2	7.36E-06	0.594519	0.475	0.611	0.207039	CD4-CD8-.1SRRM2
FUS	8.02E-06	0.591704	0.489	0.642	0.225699	CD4-CD8-.1FUS
PHF20	1.08E-05	0.851408	0.315	0.36	0.304746	CD4-CD8-.1PHF20
PDE4B	1.28E-05	0.823754	0.383	0.462	0.360587	CD4-CD8-.1PDE4B
ITGAL	2.11E-05	0.807812	0.25	0.265	0.593344	CD4-CD8-.1ITGAL
PTPN1	2.26E-05	0.536881	0.213	0.288	0.63686	CD4-CD8-.1PTPN1
MYO1F	2.67E-05	0.803603	0.244	0.258	0.75269	CD4-CD8-.1MYO1F
APBB1IP	2.71E-05	0.482776	0.367	0.528	0.762844	CD4-CD8-.1APBB1IP
ILF3	2.72E-05	0.506475	0.208	0.281	0.766133	CD4-CD8-.1ILF3
NCK2	3.28E-05	0.861693	0.31	0.358	0.923871	CD4-CD8-.1NCK2
IPCEF1	3.43E-05	0.557604	0.216	0.291	0.963755	CD4-CD8-.1IPCEF1
RHOH	3.66E-05	0.818663	0.382	0.463	1	CD4-CD8-.1RHOH

SLA	4.26E-05	0.797197	0.355	0.422	1 CD4-CD8-.1SLA
IKZF3	4.50E-05	0.739252	0.287	0.314	1 CD4-CD8-.1IKZF3
DHX36	7.96E-05	0.543914	0.228	0.308	1 CD4-CD8-.1DHX36
AHNAK	0.000127	0.437282	0.357	0.494	1 CD4-CD8-.1AHNAK
BBX	0.000128	0.837945	0.253	0.275	1 CD4-CD8-.1BBX
ITSN2	0.000155	0.774959	0.285	0.319	1 CD4-CD8-.1ITSN2
PRRC2B	0.000186	0.750605	0.264	0.288	1 CD4-CD8-.1PRRC2B
SNX91	0.000192	0.964127	0.248	0.267	1 CD4-CD8-.1SNX9
RNF149	0.000194	0.811481	0.34	0.408	1 CD4-CD8-.1RNF149
NSD3	0.000257	0.587297	0.264	0.364	1 CD4-CD8-.1NSD3
ATM	0.000274	0.75497	0.286	0.321	1 CD4-CD8-.1ATM
N4BP2L2	0.000293	0.751919	0.333	0.393	1 CD4-CD8-.1N4BP2L2
IL6ST	0.000345	0.500707	0.199	0.26	1 CD4-CD8-.1IL6ST
DDX17	0.000414	0.726417	0.356	0.429	1 CD4-CD8-.1DDX17
ZEB2	0.000428	0.974382	0.282	0.314	1 CD4-CD8-.1ZEB2
ERN11	0.000455	0.845611	0.367	0.442	1 CD4-CD8-.1ERN1
REL	0.000506	0.496174	0.356	0.488	1 CD4-CD8-.1REL
TLE4	0.000556	0.790873	0.257	0.283	1 CD4-CD8-.1TLE4
HERPUD21	0.000566	0.560656	0.255	0.346	1 CD4-CD8-.1HERPUD2
DIAPH1	0.000592	0.75156	0.255	0.278	1 CD4-CD8-.1DIAPH1
CASP8	0.00065	0.727696	0.251	0.271	1 CD4-CD8-.1CASP8
RESF12	0.000689	0.461619	0.381	0.531	1 CD4-CD8-.1RESF1
SMAD7	0.000816	0.532357	0.209	0.275	1 CD4-CD8-.1SMAD7
PFKFB3	0.000838	0.865336	0.29	0.328	1 CD4-CD8-.1PFKFB3
VPS13C	0.001037	0.708662	0.285	0.321	1 CD4-CD8-.1VPS13C
ELOVL5	0.001117	0.827122	0.276	0.313	1 CD4-CD8-.1ELOVL5
RAB8B	0.001175	0.807033	0.248	0.273	1 CD4-CD8-.1RAB8B
STK17B	0.001191	0.5474	0.492	0.653	1 CD4-CD8-.1STK17B
DYNC1H1	0.001232	0.756917	0.287	0.327	1 CD4-CD8-.1DYNC1H1
VPS37B	0.001845	0.851402	0.32	0.376	1 CD4-CD8-.1VPS37B
PRRC2C	0.002068	0.635577	0.422	0.551	1 CD4-CD8-.1PRRC2C
JAK1	0.002483	0.599072	0.461	0.612	1 CD4-CD8-.1JAK1
AFF4	0.002546	0.574403	0.242	0.32	1 CD4-CD8-.1AFF4
SRSF4	0.003593	0.546971	0.229	0.299	1 CD4-CD8-.1SRSF4
PDCD4	0.003926	0.490269	0.397	0.558	1 CD4-CD8-.1PDCD4
FLI1	0.004579	0.849648	0.27	0.309	1 CD4-CD8-.1FLI1
SP100	0.005445	0.622063	0.444	0.581	1 CD4-CD8-.1SP100
MBP	0.00681	0.56122	0.291	0.391	1 CD4-CD8-.1MBP
ELF1	0.007506	0.415759	0.449	0.636	1 CD4-CD8-.1ELF1
APOE	0	4.158267	0.932	0.165	0 MG-Act APOE
SPP1	0	3.958265	0.83	0.178	0 MG-Act SPP1
C1QC	0	3.708666	0.909	0.121	0 MG-Act C1QC
HLA-DRA	0	3.602555	0.926	0.209	0 MG-Act HLA-DRA
C1QB	0	3.527303	0.898	0.131	0 MG-Act C1QB
CCL3	0	3.499811	0.862	0.32	0 MG-Act CCL3
C1QA	0	3.429294	0.878	0.103	0 MG-Act C1QA
CCL3L1	0	3.31838	0.713	0.152	0 MG-Act CCL3L1

CD74	0	3.176903	0.995	0.744	0 MG-Act	CD74
C3	0	3.124975	0.858	0.057	0 MG-Act	C3
CST3	0	3.029568	0.862	0.085	0 MG-Act	CST3
IL1B	0	2.987373	0.595	0.067	0 MG-Act	IL1B
PLXDC2	0	2.946637	0.851	0.082	0 MG-Act	PLXDC2
APOC1	0	2.90765	0.768	0.075	0 MG-Act	APOC1
CD83	0	2.88535	0.85	0.204	0 MG-Act	CD83
DOCK4	0	2.799468	0.825	0.083	0 MG-Act	DOCK4
SGK1	0	2.792923	0.792	0.16	0 MG-Act	SGK1
RHOB	0	2.709677	0.768	0.18	0 MG-Act	RHOB
HLA-DRB1	0	2.663689	0.896	0.258	0 MG-Act	HLA-DRB1
APOC2	0	2.567792	0.608	0.063	0 MG-Act	APOC2
SERPINE1	0	2.542739	0.421	0.032	0 MG-Act	SERPINE1
CXCL8	0	2.531664	0.502	0.051	0 MG-Act	CXCL8
IER3	0	2.513227	0.729	0.101	0 MG-Act	IER3
CCL4L21	0	2.439058	0.812	0.37	0 MG-Act	CCL4L2
HLA-DRB5	0	2.41016	0.751	0.145	0 MG-Act	HLA-DRB5
CTSB	0	2.385721	0.87	0.182	0 MG-Act	CTSB
TEX14	0	2.37828	0.752	0.27	0 MG-Act	TEX14
CEBPD	0	2.376213	0.818	0.258	0 MG-Act	CEBPD
HLA-DPA1	0	2.364124	0.884	0.335	0 MG-Act	HLA-DPA1
OLR1	0	2.355531	0.705	0.038	0 MG-Act	OLR1
SLC1A3	0	2.325889	0.727	0.03	0 MG-Act	SLC1A3
CSF1R	0	2.265269	0.725	0.024	0 MG-Act	CSF1R
TREM2	0	2.224649	0.69	0.026	0 MG-Act	TREM2
PDK4	0	2.224317	0.562	0.044	0 MG-Act	PDK4
CH25H	0	2.179239	0.469	0.058	0 MG-Act	CH25H
SAT1	0	2.172592	0.938	0.553	0 MG-Act	SAT1
NPC2	0	2.131118	0.774	0.146	0 MG-Act	NPC2
GSN	0	2.108908	0.717	0.045	0 MG-Act	GSN
AIF1	0	2.107464	0.739	0.075	0 MG-Act	AIF1
EGR1	0	2.085376	0.827	0.301	0 MG-Act	EGR1
MAFB	0	2.083761	0.588	0.033	0 MG-Act	MAFB
HLA-DQB1	0	2.071295	0.716	0.103	0 MG-Act	HLA-DQB1
MARCKS	0	2.060761	0.695	0.027	0 MG-Act	MARCKS
LRMDA	0	1.998677	0.67	0.037	0 MG-Act	LRMDA
RNASET2	0	1.979912	0.869	0.305	0 MG-Act	RNASET2
FRMD4A	0	1.957228	0.726	0.098	0 MG-Act	FRMD4A
IFI30	0	1.950926	0.614	0.043	0 MG-Act	IFI30
ARHGAP24	0	1.94669	0.648	0.031	0 MG-Act	ARHGAP24
RAB31	0	1.91852	0.657	0.031	0 MG-Act	RAB31
NR4A1	0	1.900469	0.722	0.228	0 MG-Act	NR4A1
FCER1G	0	1.891476	0.77	0.115	0 MG-Act	FCER1G
A2M	0	1.883973	0.727	0.097	0 MG-Act	A2M
TYROBP	0	1.883775	0.898	0.242	0 MG-Act	TYROBP
CD14	0	1.881314	0.524	0.014	0 MG-Act	CD14
PSAP	0	1.855727	0.877	0.374	0 MG-Act	PSAP

OTUD1	0	1.85101	0.475	0.04	0 MG-Act	OTUD1
EPB41L2	0	1.849002	0.675	0.042	0 MG-Act	EPB41L2
MEF2C	0	1.839179	0.63	0.025	0 MG-Act	MEF2C
SLC8A1	0	1.825174	0.622	0.026	0 MG-Act	SLC8A1
CD68	0	1.823144	0.646	0.031	0 MG-Act	CD68
FCGBP	0	1.809339	0.42	0.022	0 MG-Act	FCGBP
HLA-DQA1	0	1.807677	0.664	0.086	0 MG-Act	HLA-DQA1
HLA-DPB11	0	1.795381	0.829	0.33	0 MG-Act	HLA-DPB1
FTL	0	1.787042	0.993	0.865	0 MG-Act	FTL
ACSL1	0	1.767435	0.623	0.081	0 MG-Act	ACSL1
B3GNT5	0	1.760087	0.535	0.028	0 MG-Act	B3GNT5
FGD4	0	1.724486	0.595	0.035	0 MG-Act	FGD4
GPR34	0	1.718765	0.611	0.033	0 MG-Act	GPR34
PLAUR	0	1.697186	0.422	0.041	0 MG-Act	PLAUR
PADI2	0	1.690282	0.516	0.02	0 MG-Act	PADI2
HLA-DMA	0	1.671496	0.665	0.105	0 MG-Act	HLA-DMA
MS4A7	0	1.670749	0.583	0.021	0 MG-Act	MS4A7
CLEC7A	0	1.667717	0.541	0.02	0 MG-Act	CLEC7A
LPCAT2	0	1.655576	0.58	0.017	0 MG-Act	LPCAT2
IRAK3	0	1.652509	0.577	0.029	0 MG-Act	IRAK3
BCL2A1	0	1.63699	0.506	0.104	0 MG-Act	BCL2A1
FPR1	0	1.635136	0.544	0.013	0 MG-Act	FPR1
SLC11A1	0	1.6336	0.543	0.02	0 MG-Act	SLC11A1
LHFPL2	0	1.619557	0.571	0.02	0 MG-Act	LHFPL2
PLD4	0	1.617519	0.566	0.011	0 MG-Act	PLD4
LILRB4	0	1.600711	0.573	0.01	0 MG-Act	LILRB4
SPI1	0	1.596058	0.597	0.02	0 MG-Act	SPI1
HTRA1	0	1.592901	0.539	0.019	0 MG-Act	HTRA1
CSF2RA	0	1.590514	0.577	0.018	0 MG-Act	CSF2RA
MEF2A	0	1.587051	0.725	0.134	0 MG-Act	MEF2A
SLC2A5	0	1.581686	0.559	0.011	0 MG-Act	SLC2A5
GLUL	0	1.572988	0.694	0.144	0 MG-Act	GLUL
NLRP3	0	1.553709	0.467	0.047	0 MG-Act	NLRP3
SRGAP2	0	1.5535	0.633	0.077	0 MG-Act	SRGAP2
TBXAS1	0	1.550979	0.633	0.05	0 MG-Act	TBXAS1
SCIN	0	1.544451	0.523	0.016	0 MG-Act	SCIN
EGR2	0	1.543022	0.455	0.048	0 MG-Act	EGR2
CYFIP1	0	1.538868	0.577	0.026	0 MG-Act	CYFIP1
OGFRL1	0	1.538504	0.621	0.084	0 MG-Act	OGFRL1
CXCL16	0	1.5211	0.558	0.025	0 MG-Act	CXCL16
SERPINA1	0	1.520298	0.524	0.017	0 MG-Act	SERPINA1
GRN	0	1.515423	0.597	0.058	0 MG-Act	GRN
MSR1	0	1.514479	0.491	0.017	0 MG-Act	MSR1
C5AR1	0	1.509887	0.416	0.011	0 MG-Act	C5AR1
P2RY12	0	1.507863	0.519	0.017	0 MG-Act	P2RY12
FCGRT	0	1.505494	0.605	0.057	0 MG-Act	FCGRT
ST6GALNA6	0	1.501031	0.507	0.035	0 MG-Act	ST6GALNAC3

CD86	0	1.490693	0.522	0.013	0 MG-Act	CD86
TMEM176B	0	1.483859	0.479	0.012	0 MG-Act	TMEM176B
CPVL	0	1.482636	0.533	0.013	0 MG-Act	CPVL
VSIG4	0	1.47941	0.456	0.012	0 MG-Act	VSIG4
HSPA1A1	0	1.477982	0.789	0.31	0 MG-Act	HSPA1A
QKI	0	1.459778	0.726	0.176	0 MG-Act	QKI
BASP1	0	1.457486	0.464	0.027	0 MG-Act	BASP1
HMOX1	0	1.45595	0.497	0.019	0 MG-Act	HMOX1
MS4A6A	0	1.454442	0.484	0.019	0 MG-Act	MS4A6A
FCGR2A	0	1.448605	0.53	0.015	0 MG-Act	FCGR2A
C3AR1	0	1.435559	0.568	0.049	0 MG-Act	C3AR1
ETS2	0	1.435023	0.566	0.059	0 MG-Act	ETS2
TRIB1	0	1.422692	0.442	0.021	0 MG-Act	TRIB1
KCNQ3	0	1.417396	0.462	0.02	0 MG-Act	KCNQ3
CYBB	0	1.40581	0.519	0.015	0 MG-Act	CYBB
IFITM3	0	1.397949	0.587	0.189	0 MG-Act	IFITM3
CX3CR1	0	1.393681	0.533	0.072	0 MG-Act	CX3CR1
CD163	0	1.383834	0.287	0.009	0 MG-Act	CD163
KCTD12	0	1.383025	0.527	0.018	0 MG-Act	KCTD12
LINC00910	0	1.378803	0.576	0.207	0 MG-Act	LINC00910
CTSZ	0	1.353785	0.599	0.095	0 MG-Act	CTSZ
HSPA6	0	1.351707	0.253	0.062	0 MG-Act	HSPA6
IL18	0	1.341659	0.524	0.02	0 MG-Act	IL18
KLF4	0	1.327659	0.436	0.022	0 MG-Act	KLF4
AC245014.3	0	1.325028	0.457	0.093	0 MG-Act	AC245014.3
SYNDIG1	0	1.314785	0.4	0.011	0 MG-Act	SYNDIG1
JDP2	0	1.302643	0.479	0.015	0 MG-Act	JDP2
FCGR1A	0	1.295003	0.446	0.009	0 MG-Act	FCGR1A
LNCAROD	0	1.2949	0.424	0.01	0 MG-Act	LNCAROD
ADAM28	0	1.294794	0.521	0.021	0 MG-Act	ADAM28
BHLHE41	0	1.286599	0.463	0.015	0 MG-Act	BHLHE41
SLCO2B1	0	1.279497	0.482	0.012	0 MG-Act	SLCO2B1
FMNL2	0	1.278466	0.446	0.019	0 MG-Act	FMNL2
LYN	0	1.276145	0.591	0.086	0 MG-Act	LYN
LDLRAD4	0	1.274082	0.798	0.313	0 MG-Act	LDLRAD4
PALD1	0	1.272954	0.484	0.013	0 MG-Act	PALD1
FCGR3A	0	1.269073	0.612	0.106	0 MG-Act	FCGR3A
RAC1	0	1.268654	0.809	0.37	0 MG-Act	RAC1
SOD2	0	1.257374	0.623	0.227	0 MG-Act	SOD2
AC007952.4	0	1.25184	0.494	0.16	0 MG-Act	AC007952.4
NEAT1	0	1.242839	0.866	0.479	0 MG-Act	NEAT1
HAMP	0	1.238887	0.329	0.013	0 MG-Act	HAMP
LY86	0	1.2366	0.5	0.018	0 MG-Act	LY86
TUBA1B	0	1.236533	0.844	0.456	0 MG-Act	TUBA1B
ASAH1	0	1.221516	0.628	0.14	0 MG-Act	ASAH1
CD302	0	1.220665	0.498	0.035	0 MG-Act	CD302
ELL2	0	1.219369	0.771	0.376	0 MG-Act	ELL2

TLR2	0	1.196606	0.45	0.014	0 MG-Act	TLR2
S100A111	0	1.191122	0.848	0.417	0 MG-Act	S100A11
CCL41	0	1.188919	0.927	0.685	0 MG-Act	CCL4
AL078590.1	0	1.184541	0.382	0.014	0 MG-Act	AL078590.2
UBE2E2	0	1.179501	0.472	0.024	0 MG-Act	UBE2E2
EGR3	0	1.170428	0.386	0.022	0 MG-Act	EGR3
MAML3	0	1.168953	0.51	0.051	0 MG-Act	MAML3
HLA-DMB	0	1.159387	0.487	0.044	0 MG-Act	HLA-DMB
GRASP	0	1.154102	0.488	0.094	0 MG-Act	GRASP
CSF3R	0	1.154041	0.459	0.005	0 MG-Act	CSF3R
RHBDF2	0	1.151964	0.587	0.103	0 MG-Act	RHBDF2
RNF130	0	1.146925	0.585	0.093	0 MG-Act	RNF130
IFNGR2	0	1.141686	0.471	0.025	0 MG-Act	IFNGR2
RBM47	0	1.139981	0.413	0.012	0 MG-Act	RBM47
YWHAH	0	1.139973	0.614	0.152	0 MG-Act	YWHAH
RIN2	0	1.126299	0.406	0.011	0 MG-Act	RIN2
SPTLC2	0	1.125344	0.568	0.11	0 MG-Act	SPTLC2
IL1A	0	1.123781	0.251	0.01	0 MG-Act	IL1A
LTC4S	0	1.119175	0.454	0.033	0 MG-Act	LTC4S
FOS1	0	1.112567	0.978	0.803	0 MG-Act	FOS
ZFH3	0	1.112018	0.463	0.026	0 MG-Act	ZFH3
AZIN1-AS1	0	1.112013	0.36	0.029	0 MG-Act	AZIN1-AS1
RGS16	0	1.105487	0.388	0.084	0 MG-Act	RGS16
AL163541.1	0	1.102251	0.312	0.011	0 MG-Act	AL163541.1
IFNGR1	0	1.100962	0.687	0.228	0 MG-Act	IFNGR1
RASSF4	0	1.100782	0.442	0.026	0 MG-Act	RASSF4
LIMS1	0	1.100176	0.635	0.185	0 MG-Act	LIMS1
LINC01736	0	1.097886	0.4	0.011	0 MG-Act	LINC01736
TMEM107	0	1.093754	0.45	0.133	0 MG-Act	TMEM107
IL13RA1	0	1.091978	0.442	0.013	0 MG-Act	IL13RA1
C1orf162	0	1.08994	0.511	0.079	0 MG-Act	C1orf162
SRGAP2B	0	1.081609	0.427	0.035	0 MG-Act	SRGAP2B
CD81	0	1.078394	0.885	0.565	0 MG-Act	CD81
NAV3	0	1.078185	0.339	0.009	0 MG-Act	NAV3
RAB20	0	1.07333	0.362	0.014	0 MG-Act	RAB20
GPR1831	0	1.072292	0.607	0.224	0 MG-Act	GPR183
AC084871.1	0	1.069289	0.272	0.011	0 MG-Act	AC084871.1
ARHGAP22	0	1.067693	0.397	0.009	0 MG-Act	ARHGAP22
LGALS9	0	1.065213	0.537	0.1	0 MG-Act	LGALS9
CTSH	0	1.064426	0.48	0.044	0 MG-Act	CTSH
DLEU1	0	1.062944	0.52	0.102	0 MG-Act	DLEU1
CKB	0	1.062361	0.371	0.014	0 MG-Act	CKB
MYO1E	0	1.059021	0.337	0.022	0 MG-Act	MYO1E
MAP4K3	0	1.057354	0.479	0.065	0 MG-Act	MAP4K3
CDKN1A1	0	1.052195	0.593	0.211	0 MG-Act	CDKN1A
PLEK	0	1.046113	0.534	0.152	0 MG-Act	PLEK
RGS11	0	1.044201	0.887	0.563	0 MG-Act	RGS1

ZFP36L1	0	1.044162	0.873	0.549	0 MG-Act	ZFP36L1
DBI	0	1.041182	0.701	0.363	0 MG-Act	DBI
IGSF6	0	1.039689	0.404	0.012	0 MG-Act	IGSF6
PTGS2	0	1.03786	0.285	0.009	0 MG-Act	PTGS2
ST6GAL1	0	1.037658	0.609	0.179	0 MG-Act	ST6GAL1
ABL2	0	1.035206	0.355	0.048	0 MG-Act	ABL2
GNAQ	0	1.031002	0.574	0.119	0 MG-Act	GNAQ
FTH11	0	1.03061	0.995	0.914	0 MG-Act	FTH1
PHACTR1	0	1.030108	0.349	0.009	0 MG-Act	PHACTR1
IRAK2	0	1.026759	0.4	0.039	0 MG-Act	IRAK2
TMIGD3	0	1.025154	0.331	0.01	0 MG-Act	TMIGD3
PEAK1	0	1.023627	0.46	0.072	0 MG-Act	PEAK1
CEBPB	0	1.023123	0.675	0.291	0 MG-Act	CEBPB
SYK	0	1.017891	0.448	0.033	0 MG-Act	SYK
HAVCR2	0	1.0162	0.529	0.098	0 MG-Act	HAVCR2
ATF3	0	1.012596	0.518	0.157	0 MG-Act	ATF3
ALOX5	0	1.007746	0.393	0.011	0 MG-Act	ALOX5
NR4A31	0	1.001961	0.619	0.276	0 MG-Act	NR4A3
HIF1A1	0	0.998451	0.63	0.249	0 MG-Act	HIF1A
ABCC4	0	0.998045	0.42	0.046	0 MG-Act	ABCC4
ABCA1	0	0.996714	0.308	0.012	0 MG-Act	ABCA1
TMEM119	0	0.99619	0.359	0.008	0 MG-Act	TMEM119
KLF6	0	0.992033	0.916	0.687	0 MG-Act	KLF6
MERTK	0	0.988363	0.36	0.009	0 MG-Act	MERTK
CSGALNAC	0	0.980868	0.472	0.067	0 MG-Act	CSGALNACT1
SRGAP1	0	0.979493	0.371	0.015	0 MG-Act	SRGAP1
LST1	0	0.978845	0.455	0.04	0 MG-Act	LST1
GNB4	0	0.974794	0.393	0.014	0 MG-Act	GNB4
NFKBID	0	0.968498	0.408	0.057	0 MG-Act	NFKBID
OLFML3	0	0.964329	0.352	0.01	0 MG-Act	OLFML3
HSPA1B1	0	0.964312	0.767	0.356	0 MG-Act	HSPA1B
VASH1	0	0.961835	0.399	0.024	0 MG-Act	VASH1
CTTNBP2	0	0.957128	0.345	0.008	0 MG-Act	CTTNBP2
MFSD1	0	0.954815	0.498	0.081	0 MG-Act	MFSD1
C9orf72	0	0.954051	0.493	0.112	0 MG-Act	C9orf72
BMP2K	0	0.94993	0.415	0.032	0 MG-Act	BMP2K
FMN1	0	0.948848	0.386	0.034	0 MG-Act	FMN1
FSCN1	0	0.945559	0.352	0.024	0 MG-Act	FSCN1
ITM2B	0	0.943273	0.923	0.728	0 MG-Act	ITM2B
CAPG	0	0.942472	0.54	0.13	0 MG-Act	CAPG
BAG3	0	0.941611	0.371	0.1	0 MG-Act	BAG3
TM6SF1	0	0.940761	0.413	0.019	0 MG-Act	TM6SF1
LGMN	0	0.940519	0.344	0.013	0 MG-Act	LGMN
PPT1	0	0.938057	0.531	0.13	0 MG-Act	PPT1
SHTN1	0	0.93725	0.362	0.011	0 MG-Act	SHTN1
GNG7	0	0.937081	0.389	0.02	0 MG-Act	GNG7
3-Mar	0	0.929978	0.472	0.103	0 MG-Act	3-Mar

ALOX5AP	0	0.928388	0.749	0.343	0 MG-Act	ALOX5AP
IGSF21	0	0.927139	0.335	0.009	0 MG-Act	IGSF21
ALDH2	0	0.9187	0.374	0.008	0 MG-Act	ALDH2
TIMP2	0	0.915043	0.401	0.022	0 MG-Act	TIMP2
FGL2	0	0.912585	0.367	0.029	0 MG-Act	FGL2
ITGAV	0	0.911923	0.426	0.059	0 MG-Act	ITGAV
GAB2	0	0.909362	0.436	0.045	0 MG-Act	GAB2
MANBA	0	0.909281	0.502	0.105	0 MG-Act	MANBA
CREG1	0	0.908591	0.42	0.046	0 MG-Act	CREG1
SOCS6	0	0.90767	0.331	0.011	0 MG-Act	SOCS6
ADAP2	0	0.898451	0.37	0.008	0 MG-Act	ADAP2
ATP2B1-AS	0	0.89722	0.47	0.117	0 MG-Act	ATP2B1-AS1
HDAC9	0	0.896833	0.396	0.05	0 MG-Act	HDAC9
SORL1	0	0.894712	0.693	0.248	0 MG-Act	SORL1
OXR1	0	0.892493	0.439	0.101	0 MG-Act	OXR1
IL1RAP	0	0.891073	0.347	0.029	0 MG-Act	IL1RAP
GABARAP	0	0.889782	0.824	0.505	0 MG-Act	GABARAP
NAMPT	0	0.880519	0.531	0.206	0 MG-Act	NAMPT
LAT2	0	0.879873	0.433	0.05	0 MG-Act	LAT2
NHSL1	0	0.878945	0.296	0.014	0 MG-Act	NHSL1
RGS2	0	0.877179	0.585	0.245	0 MG-Act	RGS2
DSE	0	0.875291	0.42	0.08	0 MG-Act	DSE
PLA2G4A	0	0.874955	0.307	0.008	0 MG-Act	PLA2G4A
CTSS	0	0.874432	0.606	0.187	0 MG-Act	CTSS
PILRA	0	0.865848	0.365	0.014	0 MG-Act	PILRA
VSIR	0	0.863999	0.708	0.324	0 MG-Act	VSIR
BIN1	0	0.863707	0.641	0.276	0 MG-Act	BIN1
CNPY3	0	0.856755	0.637	0.225	0 MG-Act	CNPY3
SERPINB9	0	0.852715	0.645	0.277	0 MG-Act	SERPINB9
LAIR1	0	0.851656	0.489	0.105	0 MG-Act	LAIR1
RASGEF1B	0	0.849157	0.62	0.219	0 MG-Act	RASGEF1B
SH3RF3	0	0.84825	0.29	0.012	0 MG-Act	SH3RF3
RGS10	0	0.847737	0.738	0.358	0 MG-Act	RGS10
ITGAX	0	0.842625	0.353	0.03	0 MG-Act	ITGAX
ATP8B4	0	0.842602	0.398	0.039	0 MG-Act	ATP8B4
IER5	0	0.839558	0.626	0.308	0 MG-Act	IER5
ELMO11	0	0.837882	0.714	0.32	0 MG-Act	ELMO1
AP1B1	0	0.83728	0.488	0.097	0 MG-Act	AP1B1
STAB1	0	0.837193	0.284	0.004	0 MG-Act	STAB1
SLC25A37	0	0.836004	0.413	0.055	0 MG-Act	SLC25A37
TCF4	0	0.835333	0.341	0.013	0 MG-Act	TCF4
MS4A4A	0	0.831362	0.29	0.007	0 MG-Act	MS4A4A
SDCCAG8	0	0.828992	0.477	0.085	0 MG-Act	SDCCAG8
HLA-DQA2	0	0.827705	0.311	0.031	0 MG-Act	HLA-DQA2
RASAL2	0	0.827495	0.312	0.01	0 MG-Act	RASAL2
ATP6V0B	0	0.826342	0.641	0.245	0 MG-Act	ATP6V0B
BLNK	0	0.824899	0.316	0.006	0 MG-Act	BLNK

DSCAM	0	0.824846	0.292	0.012	0 MG-Act	DSCAM
EIF4E	0	0.823542	0.437	0.149	0 MG-Act	EIF4E
DAGLB	0	0.822998	0.369	0.033	0 MG-Act	DAGLB
NINJ1	0	0.819237	0.481	0.119	0 MG-Act	NINJ1
CFD	0	0.817905	0.31	0.012	0 MG-Act	CFD
LINC02798	0	0.812693	0.303	0.014	0 MG-Act	LINC02798
ENTPD1	0	0.806641	0.324	0.016	0 MG-Act	ENTPD1
KLF10	0	0.806105	0.428	0.135	0 MG-Act	KLF10
PELI1	0	0.804434	0.528	0.154	0 MG-Act	PELI1
SCPEP1	0	0.803712	0.363	0.034	0 MG-Act	SCPEP1
TNF	0	0.803058	0.569	0.239	0 MG-Act	TNF
RILPL2	0	0.802331	0.528	0.179	0 MG-Act	RILPL2
IRF8	0	0.801097	0.376	0.042	0 MG-Act	IRF8
AL136987.1	0	0.800299	0.281	0.02	0 MG-Act	AL136987.1
PICALM1	0	0.800292	0.659	0.24	0 MG-Act	PICALM
CEP170	0	0.798375	0.39	0.042	0 MG-Act	CEP170
ATP6V1B2	0	0.795248	0.418	0.083	0 MG-Act	ATP6V1B2
LRRK1	0	0.792882	0.294	0.004	0 MG-Act	LRRK1
ALCAM	0	0.789571	0.331	0.046	0 MG-Act	ALCAM
SSPN	0	0.789028	0.291	0.005	0 MG-Act	SSPN
SIGLEC10	0	0.788782	0.305	0.006	0 MG-Act	SIGLEC10
AL021155.5	0	0.787853	0.306	0.06	0 MG-Act	AL021155.5
ERCC1	0	0.785453	0.56	0.191	0 MG-Act	ERCC1
CTTNBP2NL	0	0.781586	0.305	0.008	0 MG-Act	CTTNBP2NL
SERPINF1	0	0.778916	0.283	0.008	0 MG-Act	SERPINF1
KLHL6	0	0.776761	0.416	0.089	0 MG-Act	KLHL6
TYMP	0	0.776397	0.407	0.097	0 MG-Act	TYMP
CD63	0	0.772046	0.639	0.256	0 MG-Act	CD63
USP53	0	0.771985	0.402	0.08	0 MG-Act	USP53
EPB41L3	0	0.769785	0.31	0.009	0 MG-Act	EPB41L3
MLXIPL	0	0.769266	0.283	0.003	0 MG-Act	MLXIPL
ABR	0	0.76911	0.489	0.127	0 MG-Act	ABR
TMEM176A	0	0.767375	0.281	0.006	0 MG-Act	TMEM176A
AXL	0	0.765983	0.314	0.009	0 MG-Act	AXL
AL691403.1	0	0.765703	0.404	0.091	0 MG-Act	AL691403.1
CEBPA	0	0.762022	0.308	0.015	0 MG-Act	CEBPA
SWAP70	0	0.761768	0.339	0.022	0 MG-Act	SWAP70
TMEM52B	0	0.761262	0.279	0.005	0 MG-Act	TMEM52B
TNFSF13	0	0.760949	0.298	0.008	0 MG-Act	TNFSF13
SLC31A2	0	0.760709	0.318	0.022	0 MG-Act	SLC31A2
SH3TC1	0	0.760264	0.366	0.036	0 MG-Act	SH3TC1
WDR74	0	0.759003	0.476	0.187	0 MG-Act	WDR74
P2RY13	0	0.758454	0.279	0.006	0 MG-Act	P2RY13
RNASE6	0	0.758314	0.31	0.012	0 MG-Act	RNASE6
ITPR2	0	0.757449	0.577	0.179	0 MG-Act	ITPR2
ADAM17	0	0.751198	0.423	0.088	0 MG-Act	ADAM17
FHIT	0	0.74967	0.392	0.06	0 MG-Act	FHIT

ICAM1	0	0.749567	0.304	0.057	0 MG-Act	ICAM1
KCNMA1	0	0.748449	0.26	0.007	0 MG-Act	KCNMA1
FNIP2	0	0.744718	0.34	0.038	0 MG-Act	FNIP2
DST	0	0.741233	0.296	0.011	0 MG-Act	DST
SKIL	0	0.740906	0.675	0.304	0 MG-Act	SKIL
RFX2	0	0.740272	0.272	0.026	0 MG-Act	RFX2
GK	0	0.732482	0.293	0.03	0 MG-Act	GK
DENND3	0	0.732395	0.371	0.051	0 MG-Act	DENND3
GAA	0	0.730493	0.354	0.033	0 MG-Act	GAA
RNF144B	0	0.727186	0.26	0.018	0 MG-Act	RNF144B
PDGFB	0	0.727022	0.291	0.013	0 MG-Act	PDGFB
MCF2L2	0	0.725702	0.334	0.043	0 MG-Act	MCF2L2
DUSP11	0	0.724298	0.971	0.826	0 MG-Act	DUSP1
RASGEF1C	0	0.723083	0.265	0.005	0 MG-Act	RASGEF1C
TSPO	0	0.722121	0.637	0.289	0 MG-Act	TSPO
CCDC88A	0	0.720473	0.351	0.038	0 MG-Act	CCDC88A
HPGDS	0	0.718475	0.262	0.006	0 MG-Act	HPGDS
ZSWIM61	0	0.715407	0.6	0.231	0 MG-Act	ZSWIM6
1-Mar	0	0.715021	0.26	0.006	0 MG-Act	1-Mar
TAL1	0	0.713529	0.262	0.004	0 MG-Act	TAL1
AC012447.	0	0.712781	0.359	0.095	0 MG-Act	AC012447.1
CTSL	0	0.711054	0.308	0.028	0 MG-Act	CTSL
CPM	0	0.708838	0.253	0.008	0 MG-Act	CPM
CHKA	0	0.706936	0.386	0.059	0 MG-Act	CHKA
HCK	0	0.704601	0.293	0.005	0 MG-Act	HCK
TNS3	0	0.700993	0.256	0.006	0 MG-Act	TNS3
SKAP2	0	0.698992	0.442	0.083	0 MG-Act	SKAP2
SRGAP2C	0	0.698469	0.373	0.048	0 MG-Act	SRGAP2C
LRP1	0	0.695714	0.281	0.005	0 MG-Act	LRP1
LINC01374	0	0.695419	0.251	0.005	0 MG-Act	LINC01374
AC020916.	0	0.692197	0.578	0.233	0 MG-Act	AC020916.1
KDM6B1	0	0.688392	0.555	0.234	0 MG-Act	KDM6B
ETV6	0	0.687339	0.519	0.152	0 MG-Act	ETV6
MAP3K8	0	0.687108	0.653	0.301	0 MG-Act	MAP3K8
AL390957.:	0	0.686439	0.322	0.053	0 MG-Act	AL390957.1
ARL5A	0	0.685699	0.514	0.164	0 MG-Act	ARL5A
MIR222HG	0	0.683462	0.264	0.025	0 MG-Act	MIR222HG
LMO2	0	0.682994	0.276	0.006	0 MG-Act	LMO2
UNC93B1	0	0.682435	0.35	0.046	0 MG-Act	UNC93B1
KLF7	0	0.681152	0.293	0.025	0 MG-Act	KLF7
SLC29A1	0	0.674116	0.275	0.009	0 MG-Act	SLC29A1
CDK2AP1	0	0.673617	0.348	0.043	0 MG-Act	CDK2AP1
NPL	0	0.672714	0.282	0.019	0 MG-Act	NPL
TOM1	0	0.670853	0.452	0.136	0 MG-Act	TOM1
KHDRBS3	0	0.667886	0.259	0.012	0 MG-Act	KHDRBS3
TGFBR1	0	0.667244	0.406	0.092	0 MG-Act	TGFBR1
RTN41	0	0.665268	0.607	0.249	0 MG-Act	RTN4

EBI3	0	0.655563	0.256	0.004	0 MG-Act	EBI3
EPS8	0	0.653609	0.346	0.047	0 MG-Act	EPS8
MNDA	0	0.651715	0.266	0.007	0 MG-Act	MNDA
MCF2L	0	0.649921	0.251	0.01	0 MG-Act	MCF2L
APLP2	0	0.649529	0.426	0.093	0 MG-Act	APLP2
FMNL3	0	0.648474	0.409	0.089	0 MG-Act	FMNL3
BRI3	0	0.647035	0.507	0.161	0 MG-Act	BRI3
PHC2	0	0.643956	0.407	0.084	0 MG-Act	PHC2
IRS2	0	0.639809	0.423	0.114	0 MG-Act	IRS2
SERPINB6	0	0.638975	0.373	0.067	0 MG-Act	SERPINB6
TBC1D12	0	0.637284	0.256	0.004	0 MG-Act	TBC1D12
GRINA	0	0.636396	0.402	0.086	0 MG-Act	GRINA
SYNGR2	0	0.634857	0.543	0.212	0 MG-Act	SYNGR2
ANXA5	0	0.634829	0.602	0.247	0 MG-Act	ANXA5
MIS18BP1	0	0.63261	0.488	0.168	0 MG-Act	MIS18BP1
ATP2C1	0	0.628661	0.376	0.086	0 MG-Act	ATP2C1
MGAT1	0	0.628499	0.496	0.174	0 MG-Act	MGAT1
METTL7A	0	0.623721	0.283	0.013	0 MG-Act	METTL7A
TSC22D2	0	0.620836	0.537	0.222	0 MG-Act	TSC22D2
TRIO	0	0.61988	0.274	0.02	0 MG-Act	TRIO
RAPH1	0	0.619567	0.267	0.015	0 MG-Act	RAPH1
SFMBT21	0	0.619151	0.632	0.264	0 MG-Act	SFMBT2
B4GALT1	0	0.614871	0.59	0.261	0 MG-Act	B4GALT1
GALNT2	0	0.612909	0.428	0.101	0 MG-Act	GALNT2
NUDT3	0	0.60916	0.434	0.103	0 MG-Act	NUDT3
LPAR6	0	0.60845	0.307	0.039	0 MG-Act	LPAR6
FCHSD2	0	0.605294	0.448	0.13	0 MG-Act	FCHSD2
GNA131	0	0.604349	0.564	0.232	0 MG-Act	GNA13
SAP30	0	0.603646	0.316	0.075	0 MG-Act	SAP30
CALHM6	0	0.600888	0.253	0.024	0 MG-Act	CALHM6
NAIP	0	0.600174	0.301	0.032	0 MG-Act	NAIP
IL6R	0	0.598558	0.291	0.032	0 MG-Act	IL6R
MGST2	0	0.597178	0.302	0.022	0 MG-Act	MGST2
CTNND1	0	0.595444	0.26	0.015	0 MG-Act	CTNND1
MAN2B1	0	0.594261	0.403	0.106	0 MG-Act	MAN2B1
YBX3	0	0.593836	0.352	0.076	0 MG-Act	YBX3
STX11	0	0.592078	0.329	0.071	0 MG-Act	STX11
RB1	0	0.586763	0.493	0.147	0 MG-Act	RB1
AF213884.3	0	0.584768	0.268	0.036	0 MG-Act	AF213884.3
MTHFD1L	0	0.584747	0.292	0.039	0 MG-Act	MTHFD1L
P4HA1	0	0.583109	0.335	0.083	0 MG-Act	P4HA1
SLC43A2	0	0.576903	0.261	0.014	0 MG-Act	SLC43A2
NRIP1	0	0.572981	0.371	0.084	0 MG-Act	NRIP1
TLR1	0	0.572809	0.255	0.021	0 MG-Act	TLR1
CD84	0	0.572575	0.383	0.087	0 MG-Act	CD84
LY96	0	0.570427	0.263	0.018	0 MG-Act	LY96
RUNX11	0	0.560112	0.591	0.246	0 MG-Act	RUNX1

NFIC	0	0.558078	0.363	0.069	0 MG-Act	NFIC
BNC2	0	0.556934	0.282	0.034	0 MG-Act	BNC2
DPYSL2	0	0.552271	0.263	0.021	0 MG-Act	DPYSL2
ARHGAP21	0	0.550964	0.274	0.031	0 MG-Act	ARHGAP21
WASF2	0	0.549952	0.617	0.269	0 MG-Act	WASF2
CMTM6	0	0.546251	0.502	0.177	0 MG-Act	CMTM6
SNX9	0	0.543575	0.556	0.23	0 MG-Act	SNX9
LAPTM4A	0	0.543351	0.51	0.193	0 MG-Act	LAPTM4A
ATF6	0	0.541921	0.394	0.105	0 MG-Act	ATF6
RCC2	0	0.539368	0.31	0.064	0 MG-Act	RCC2
BEST1	0	0.535851	0.322	0.089	0 MG-Act	BEST1
PTPRE	0	0.535214	0.458	0.16	0 MG-Act	PTPRE
PLSCR1	0	0.533716	0.456	0.142	0 MG-Act	PLSCR1
CHSY1	0	0.533198	0.305	0.07	0 MG-Act	CHSY1
BAZ2B	0	0.532554	0.358	0.079	0 MG-Act	BAZ2B
STK38L	0	0.528204	0.278	0.054	0 MG-Act	STK38L
MAN1A1	0	0.527206	0.434	0.146	0 MG-Act	MAN1A1
LPAR5	0	0.526345	0.268	0.03	0 MG-Act	LPAR5
PABPC4	0	0.522889	0.45	0.153	0 MG-Act	PABPC4
HEXA	0	0.521661	0.424	0.135	0 MG-Act	HEXA
PDE8A	0	0.520905	0.326	0.087	0 MG-Act	PDE8A
TSPAN3	0	0.517893	0.294	0.04	0 MG-Act	TSPAN3
PEA15	0	0.515136	0.276	0.042	0 MG-Act	PEA15
PPARD	0	0.513957	0.295	0.049	0 MG-Act	PPARD
AKR1B1	0	0.51327	0.456	0.152	0 MG-Act	AKR1B1
FILIP1L	0	0.51008	0.258	0.047	0 MG-Act	FILIP1L
FAM49A	0	0.505792	0.307	0.058	0 MG-Act	FAM49A
AKR1A1	0	0.504609	0.394	0.121	0 MG-Act	AKR1A1
RHEB	0	0.502763	0.476	0.182	0 MG-Act	RHEB
SCAMP2	0	0.502141	0.508	0.195	0 MG-Act	SCAMP2
SH2B3	0	0.50098	0.316	0.06	0 MG-Act	SH2B3
GLA	0	0.49941	0.275	0.062	0 MG-Act	GLA
CPEB4	0	0.493817	0.272	0.051	0 MG-Act	CPEB4
RAB1A	0	0.492291	0.529	0.206	0 MG-Act	RAB1A
DISC1	0	0.488196	0.391	0.107	0 MG-Act	DISC1
OTULINL	0	0.487305	0.409	0.112	0 MG-Act	OTULINL
FLOT1	0	0.484785	0.394	0.111	0 MG-Act	FLOT1
TNFSF13B	0	0.482838	0.262	0.039	0 MG-Act	TNFSF13B
CD41	0	0.481646	0.386	0.109	0 MG-Act	CD4
ATP6AP1	0	0.480816	0.437	0.152	0 MG-Act	ATP6AP1
JAZF1	0	0.480723	0.486	0.173	0 MG-Act	JAZF1
CHD9	0	0.47991	0.465	0.158	0 MG-Act	CHD9
TMEM14C	0	0.479441	0.423	0.146	0 MG-Act	TMEM14C
AC103591.	0	0.477694	0.253	0.053	0 MG-Act	AC103591.3
IL17RA	0	0.475644	0.384	0.115	0 MG-Act	IL17RA
SLC16A3	0	0.473369	0.304	0.076	0 MG-Act	SLC16A3
ENG	0	0.472364	0.266	0.037	0 MG-Act	ENG

ABHD12	0	0.471433	0.37	0.098	0 MG-Act	ABHD12
SUSD6	0	0.471111	0.429	0.132	0 MG-Act	SUSD6
COMT	0	0.470326	0.391	0.118	0 MG-Act	COMT
CNDP2	0	0.465848	0.367	0.108	0 MG-Act	CNDP2
SPECC1	0	0.464548	0.263	0.036	0 MG-Act	SPECC1
NCOR2	0	0.463961	0.419	0.132	0 MG-Act	NCOR2
ANKS1A	0	0.462905	0.295	0.056	0 MG-Act	ANKS1A
RASSF2	0	0.461272	0.275	0.058	0 MG-Act	RASSF2
PRKAG2	0	0.456072	0.328	0.086	0 MG-Act	PRKAG2
CHMP4B	0	0.454537	0.321	0.081	0 MG-Act	CHMP4B
AIG1	0	0.453116	0.258	0.03	0 MG-Act	AIG1
RIN3	0	0.452689	0.448	0.143	0 MG-Act	RIN3
STX7	0	0.452501	0.289	0.053	0 MG-Act	STX7
NAGK	0	0.443848	0.295	0.065	0 MG-Act	NAGK
PLEKHO1	0	0.443512	0.456	0.166	0 MG-Act	PLEKHO1
MKNK1	0	0.439787	0.299	0.07	0 MG-Act	MKNK1
THEMIS2	0	0.437662	0.319	0.078	0 MG-Act	THEMIS2
PRKCD	0	0.434968	0.259	0.042	0 MG-Act	PRKCD
C20orf27	0	0.433426	0.294	0.074	0 MG-Act	C20orf27
KLHL5	0	0.432023	0.288	0.05	0 MG-Act	KLHL5
HEXB	0	0.431725	0.35	0.1	0 MG-Act	HEXB
DIAPH2	0	0.431145	0.423	0.138	0 MG-Act	DIAPH2
PACSIN2	0	0.428828	0.348	0.087	0 MG-Act	PACSIN2
ZMIZ1	0	0.428759	0.286	0.067	0 MG-Act	ZMIZ1
ADAMTSL4	0	0.424524	0.363	0.105	0 MG-Act	ADAMTSL4-AS1
FEZ2	0	0.422892	0.285	0.061	0 MG-Act	FEZ2
MTSS1	0	0.422806	0.279	0.067	0 MG-Act	MTSS1
DIP2B	0	0.421244	0.329	0.09	0 MG-Act	DIP2B
ARHGAP12	0	0.418924	0.266	0.056	0 MG-Act	ARHGAP12
PTTG1IP	0	0.418751	0.361	0.106	0 MG-Act	PTTG1IP
BACH1	0	0.417841	0.355	0.096	0 MG-Act	BACH1
TNFRSF1A	0	0.417515	0.352	0.095	0 MG-Act	TNFRSF1A
TTC7A	0	0.41411	0.324	0.097	0 MG-Act	TTC7A
POU2F2	0	0.412473	0.288	0.06	0 MG-Act	POU2F2
ATP13A3	0	0.408538	0.287	0.079	0 MG-Act	ATP13A3
DNASE2	0	0.406932	0.278	0.072	0 MG-Act	DNASE2
NUMB	0	0.405402	0.364	0.103	0 MG-Act	NUMB
ADGRG1	0	0.392813	0.322	0.092	0 MG-Act	ADGRG1
CACUL1	0	0.389618	0.326	0.093	0 MG-Act	CACUL1
RNF13	0	0.388148	0.406	0.132	0 MG-Act	RNF13
CTNNA1	0	0.382171	0.256	0.048	0 MG-Act	CTNNA1
CPQ	0	0.381261	0.33	0.086	0 MG-Act	CPQ
LINC02256	0	0.380581	0.34	0.085	0 MG-Act	LINC02256
RHOQ	0	0.380393	0.272	0.06	0 MG-Act	RHOQ
GSTM2	0	0.379821	0.274	0.059	0 MG-Act	GSTM2
SLC9A9	0	0.376849	0.412	0.14	0 MG-Act	SLC9A9
CD300A	0	0.374965	0.347	0.102	0 MG-Act	CD300A

SPINT2	0	0.37297	0.262	0.051	0	MG-Act	SPINT2
LINC00963	0	0.370457	0.275	0.071	0	MG-Act	LINC00963
SNX29	0	0.36826	0.349	0.104	0	MG-Act	SNX29
PMEPA1	0	0.361186	0.36	0.112	0	MG-Act	PMEPA1
PARVB	0	0.353944	0.261	0.061	0	MG-Act	PARVB
SOAT1	0	0.3467	0.314	0.09	0	MG-Act	SOAT1
SBF2	0	0.345213	0.317	0.089	0	MG-Act	SBF2
NCF4	0	0.318672	0.272	0.067	0	MG-Act	NCF4
P2RX4	9.56E-307	0.330287	0.252	0.063	2.69E-302	MG-Act	P2RX4
AC253572.2	8.40E-305	0.860862	0.284	0.083	2.36E-300	MG-Act	AC253572.2
ATG7	1.08E-304	0.364464	0.368	0.119	3.05E-300	MG-Act	ATG7
SDCBP	3.72E-301	0.578032	0.642	0.306	1.05E-296	MG-Act	SDCBP
PDXK	1.11E-298	0.392206	0.307	0.091	3.12E-294	MG-Act	PDXK
LAPTM5	5.13E-298	0.636636	0.926	0.709	1.44E-293	MG-Act	LAPTM5
CUX1	8.96E-298	0.34856	0.387	0.13	2.52E-293	MG-Act	CUX1
MFSD12	1.61E-297	0.30084	0.251	0.064	4.54E-293	MG-Act	MFSD12
MED13L1	3.06E-296	0.379002	0.487	0.189	8.61E-292	MG-Act	MED13L
CHD7	8.50E-292	0.303565	0.312	0.093	2.39E-287	MG-Act	CHD7
NME2	2.46E-291	0.667425	0.702	0.372	6.93E-287	MG-Act	NME2
ENSA	2.78E-290	0.669868	0.695	0.36	7.83E-286	MG-Act	ENSA
WSB1	8.52E-290	0.612722	0.713	0.382	2.40E-285	MG-Act	WSB1
PYCARD	6.41E-289	0.512057	0.489	0.197	1.80E-284	MG-Act	PYCARD
ARHGAP26	1.14E-288	0.531988	0.699	0.353	3.22E-284	MG-Act	ARHGAP26
FOXO3	3.23E-287	0.38268	0.424	0.154	9.08E-283	MG-Act	FOXO3
IL6ST1	1.57E-285	0.432032	0.532	0.22	4.41E-281	MG-Act	IL6ST
NCOA4	4.41E-285	0.42452	0.393	0.139	1.24E-280	MG-Act	NCOA4
ZNF267	6.93E-285	0.387008	0.323	0.101	1.95E-280	MG-Act	ZNF267
VMP1	1.04E-279	0.37196	0.469	0.182	2.93E-275	MG-Act	VMP1
NANS	1.58E-278	0.407202	0.316	0.1	4.45E-274	MG-Act	NANS
APPL2	2.44E-276	0.31759	0.27	0.077	6.87E-272	MG-Act	APPL2
WASHC4	7.37E-276	0.345543	0.328	0.105	2.07E-271	MG-Act	WASHC4
STX17-AS1	5.67E-275	0.545368	0.351	0.121	1.60E-270	MG-Act	STX17-AS1
APBB1IP1	1.06E-273	0.597397	0.79	0.476	2.97E-269	MG-Act	APBB1IP
DLEU2	1.57E-273	0.279037	0.405	0.146	4.41E-269	MG-Act	DLEU2
HSPB11	6.93E-273	1.020467	0.54	0.255	1.95E-268	MG-Act	HSPB1
LAMP2	3.89E-272	0.316019	0.261	0.073	1.09E-267	MG-Act	LAMP2
IPCEF11	5.94E-272	0.723576	0.538	0.252	1.67E-267	MG-Act	IPCEF1
REL1	1.02E-271	0.608988	0.762	0.438	2.88E-267	MG-Act	REL
PLD3	1.56E-267	0.353598	0.351	0.12	4.38E-263	MG-Act	PLD3
BCL6	2.01E-267	0.354258	0.319	0.102	5.66E-263	MG-Act	BCL6
H2AFY	8.74E-267	0.459291	0.525	0.225	2.46E-262	MG-Act	H2AFY
LIPA	9.32E-267	0.377562	0.34	0.114	2.62E-262	MG-Act	LIPA
LAP3	2.74E-266	0.463306	0.448	0.178	7.71E-262	MG-Act	LAP3
NFKBIA1	5.05E-266	0.738738	0.92	0.724	1.42E-261	MG-Act	NFKBIA
UBE2E1	7.72E-265	0.330373	0.333	0.11	2.17E-260	MG-Act	UBE2E1
BST2	2.79E-263	0.61961	0.64	0.324	7.84E-259	MG-Act	BST2
SSH1	7.84E-262	0.287599	0.251	0.07	2.21E-257	MG-Act	SSH1

FRMD4B	1.49E-261	0.316702	0.313	0.1	4.19E-257	MG-Act	FRMD4B
PLCB2	1.88E-261	0.350704	0.325	0.107	5.29E-257	MG-Act	PLCB2
CRTAP	1.43E-260	0.329584	0.319	0.103	4.02E-256	MG-Act	CRTAP
NFKB1	8.24E-258	0.816167	0.674	0.38	2.32E-253	MG-Act	NFKB1
DDAH2	1.13E-257	0.287762	0.256	0.073	3.18E-253	MG-Act	DDAH2
UBA7	1.24E-257	0.283306	0.278	0.084	3.49E-253	MG-Act	UBA7
ZEB2	2.22E-257	0.303659	0.612	0.274	6.26E-253	MG-Act	ZEB2
TMEM156	6.27E-257	0.291841	0.325	0.108	1.76E-252	MG-Act	TMEM156
SVBP	4.39E-256	0.30677	0.26	0.075	1.24E-251	MG-Act	SVBP
TPP1	8.24E-256	0.335611	0.337	0.115	2.32E-251	MG-Act	TPP1
SPATA13	6.87E-254	0.39002	0.471	0.193	1.93E-249	MG-Act	SPATA13
TAB2	1.49E-252	0.338151	0.454	0.18	4.19E-248	MG-Act	TAB2
NFIL3	5.30E-252	0.405634	0.343	0.121	1.49E-247	MG-Act	NFIL3
MAT2A	1.19E-251	0.509563	0.554	0.255	3.36E-247	MG-Act	MAT2A
OAS1	1.33E-250	0.395891	0.285	0.09	3.76E-246	MG-Act	OAS1
TCF12	2.72E-248	0.356664	0.524	0.229	7.66E-244	MG-Act	TCF12
GRB2	2.46E-247	0.442117	0.594	0.28	6.91E-243	MG-Act	GRB2
AL138963.4	4.41E-246	0.72212	0.379	0.152	1.24E-241	MG-Act	AL138963.4
GBP2	5.99E-246	0.604901	0.478	0.212	1.68E-241	MG-Act	GBP2
CROCC	1.13E-245	0.580274	0.412	0.164	3.17E-241	MG-Act	CROCC
AFF4	1.49E-244	0.440392	0.585	0.279	4.20E-240	MG-Act	AFF4
NSMCE2	1.79E-243	0.286587	0.382	0.142	5.03E-239	MG-Act	NSMCE2
PLK3	1.09E-242	0.397223	0.48	0.205	3.06E-238	MG-Act	PLK3
GADD45B	6.41E-242	0.646861	0.841	0.567	1.80E-237	MG-Act	GADD45B
PPP1R15A	1.45E-241	0.697316	0.826	0.553	4.08E-237	MG-Act	PPP1R15A
GNG10	3.36E-238	0.348866	0.299	0.099	9.46E-234	MG-Act	GNG10
NAA20	1.89E-237	0.276419	0.285	0.092	5.32E-233	MG-Act	NAA20
SNAP23	7.16E-237	0.350173	0.331	0.116	2.01E-232	MG-Act	SNAP23
Z93241.1	6.64E-236	0.656598	0.373	0.147	1.87E-231	MG-Act	Z93241.1
DUSP6	1.73E-234	0.414216	0.291	0.097	4.86E-230	MG-Act	DUSP6
WDFY2	6.25E-233	0.263628	0.295	0.097	1.76E-228	MG-Act	WDFY2
GLRX	8.59E-230	0.413813	0.406	0.164	2.42E-225	MG-Act	GLRX
HCLS1	1.19E-228	0.556447	0.809	0.513	3.34E-224	MG-Act	HCLS1
HSBP1	2.72E-228	0.288692	0.274	0.088	7.67E-224	MG-Act	HSBP1
SNX2	5.88E-228	0.301426	0.383	0.147	1.65E-223	MG-Act	SNX2
UBE2W	6.04E-226	0.25678	0.269	0.086	1.70E-221	MG-Act	UBE2W
SLC1A5	7.87E-226	0.315324	0.341	0.125	2.21E-221	MG-Act	SLC1A5
ZNF106	1.89E-225	0.279884	0.331	0.118	5.30E-221	MG-Act	ZNF106
RANBP9	4.01E-225	0.359981	0.432	0.179	1.13E-220	MG-Act	RANBP9
SPIDR	2.20E-224	0.262954	0.492	0.213	6.18E-220	MG-Act	SPIDR
ARAP1	1.01E-223	0.258645	0.253	0.078	2.84E-219	MG-Act	ARAP1
TBC1D14	5.44E-223	0.278551	0.31	0.108	1.53E-218	MG-Act	TBC1D14
JAK2	2.08E-222	0.276035	0.307	0.107	5.86E-218	MG-Act	JAK2
TET2	2.94E-222	0.321878	0.317	0.112	8.27E-218	MG-Act	TET2
TFRC	1.46E-221	0.523453	0.302	0.108	4.10E-217	MG-Act	TFRC
CIAO2A	3.23E-220	0.342864	0.362	0.139	9.09E-216	MG-Act	CIAO2A
IER2	7.02E-219	0.641254	0.892	0.672	1.97E-214	MG-Act	IER2

CYBA	9.96E-219	0.492764	0.921	0.739	2.80E-214	MG-Act	CYBA
ARRB2	1.26E-217	0.416844	0.608	0.302	3.56E-213	MG-Act	ARRB2
IFI44L	2.76E-216	0.480316	0.37	0.148	7.76E-212	MG-Act	IFI44L
SEC14L1	1.04E-214	0.334377	0.35	0.134	2.92E-210	MG-Act	SEC14L1
IFI61	1.40E-213	0.909447	0.485	0.249	3.93E-209	MG-Act	IFI6
ATP6V1F	3.24E-208	0.422276	0.551	0.267	9.13E-204	MG-Act	ATP6V1F
ERGIC1	7.76E-208	0.269548	0.35	0.133	2.18E-203	MG-Act	ERGIC1
DRAM2	2.21E-205	0.256751	0.259	0.086	6.23E-201	MG-Act	DRAM2
SPAG9	2.56E-201	0.256083	0.382	0.155	7.21E-197	MG-Act	SPAG9
AC022217.3	3.80E-201	0.38723	0.449	0.199	1.07E-196	MG-Act	AC022217.3
BNIP3L	1.82E-197	0.286053	0.365	0.146	5.13E-193	MG-Act	BNIP3L
NEU1	5.55E-197	0.349132	0.415	0.181	1.56E-192	MG-Act	NEU1
ARL8B	7.55E-197	0.307442	0.337	0.131	2.12E-192	MG-Act	ARL8B
SEC11A	4.24E-196	0.385878	0.536	0.261	1.19E-191	MG-Act	SEC11A
MTHFD2	1.43E-194	0.347214	0.4	0.17	4.02E-190	MG-Act	MTHFD2
YWHAE1	1.46E-194	0.285976	0.475	0.214	4.10E-190	MG-Act	YWHAE
ADRB2	3.36E-194	0.253104	0.343	0.133	9.46E-190	MG-Act	ADRB2
ABI3	5.31E-193	0.317362	0.455	0.201	1.49E-188	MG-Act	ABI3
STX4	7.92E-192	0.33719	0.291	0.108	2.23E-187	MG-Act	STX4
PFKFB3	1.46E-191	0.329894	0.585	0.293	4.11E-187	MG-Act	PFKFB3
CHCHD10	1.67E-189	0.349813	0.504	0.238	4.70E-185	MG-Act	CHCHD10
CAPZA2	2.98E-189	0.283259	0.438	0.194	8.38E-185	MG-Act	CAPZA2
GNG5	1.25E-188	0.404221	0.664	0.364	3.50E-184	MG-Act	GNG5
NEDD9	1.53E-188	0.437895	0.548	0.282	4.31E-184	MG-Act	NEDD9
RAB7A	7.15E-188	0.436294	0.631	0.342	2.01E-183	MG-Act	RAB7A
PRDX1	8.76E-188	0.411591	0.575	0.294	2.46E-183	MG-Act	PRDX1
PTPN18	1.22E-187	0.275676	0.339	0.134	3.43E-183	MG-Act	PTPN18
ATP2A2	9.44E-187	0.2515	0.314	0.12	2.66E-182	MG-Act	ATP2A2
MDM2	1.77E-185	0.31245	0.276	0.101	4.99E-181	MG-Act	MDM2
ETF1	5.26E-184	0.308325	0.424	0.189	1.48E-179	MG-Act	ETF1
KLF2	2.53E-183	0.42423	0.757	0.437	7.13E-179	MG-Act	KLF2
NFKBIZ	3.34E-183	0.447082	0.647	0.366	9.39E-179	MG-Act	NFKBIZ
CD58	4.29E-183	0.269983	0.391	0.167	1.21E-178	MG-Act	CD58
MPC2	4.12E-182	0.357275	0.429	0.194	1.16E-177	MG-Act	MPC2
CLTC	5.21E-182	0.270514	0.361	0.148	1.47E-177	MG-Act	CLTC
CTNNB1	7.99E-182	0.33383	0.486	0.229	2.25E-177	MG-Act	CTNNB1
OS9	4.52E-181	0.318113	0.44	0.199	1.27E-176	MG-Act	OS9
BTG2	7.66E-181	0.556246	0.748	0.478	2.16E-176	MG-Act	BTG2
ATP6V0D1	8.78E-181	0.252765	0.341	0.137	2.47E-176	MG-Act	ATP6V0D1
CTSD	3.21E-178	0.471305	0.714	0.429	9.03E-174	MG-Act	CTSD
NAF1	3.29E-178	0.294334	0.278	0.104	9.26E-174	MG-Act	NAF1
RGS19	1.33E-177	0.325643	0.43	0.194	3.74E-173	MG-Act	RGS19
CLTA	1.92E-176	0.31691	0.474	0.222	5.41E-172	MG-Act	CLTA
1-Jun	1.92E-172	0.492357	0.941	0.782	5.42E-168	MG-Act	JUN
TM9SF2	2.71E-172	0.284745	0.409	0.182	7.61E-168	MG-Act	TM9SF2
HSP90AA1	3.21E-172	0.556391	0.936	0.784	9.04E-168	MG-Act	HSP90AA1
TMEM219	7.91E-171	0.326541	0.483	0.233	2.23E-166	MG-Act	TMEM219

GPX4	4.42E-170	0.404545	0.662	0.379	1.24E-165	MG-Act	GPX4
SRGN	2.95E-169	0.453407	0.958	0.857	8.30E-165	MG-Act	SRGN
FOSB	6.41E-169	0.386287	0.821	0.558	1.80E-164	MG-Act	FOSB
TMBIM4	1.74E-168	0.33009	0.564	0.29	4.90E-164	MG-Act	TMBIM4
EIF4A1	1.75E-168	0.453213	0.839	0.581	4.92E-164	MG-Act	EIF4A1
DHRS7	8.26E-168	0.356264	0.604	0.322	2.33E-163	MG-Act	DHRS7
MCL1	8.82E-167	0.450129	0.844	0.612	2.48E-162	MG-Act	MCL1
PRDX3	1.91E-166	0.273927	0.298	0.118	5.38E-162	MG-Act	PRDX3
SIPA1L11	6.43E-164	0.402966	0.546	0.293	1.81E-159	MG-Act	SIPA1L11
ATP6VOC	6.83E-164	0.435657	0.744	0.468	1.92E-159	MG-Act	ATP6VOC
SELPLG	2.47E-163	0.438145	0.622	0.358	6.94E-159	MG-Act	SELPLG
RAPGEF11	7.89E-163	0.259646	0.546	0.281	2.22E-158	MG-Act	RAPGEF1
PLIN2	6.50E-160	0.48852	0.413	0.199	1.83E-155	MG-Act	PLIN2
HSPH12	9.55E-159	0.452235	0.588	0.33	2.69E-154	MG-Act	HSPH1
SSH21	2.54E-158	0.269095	0.672	0.381	7.14E-154	MG-Act	SSH2
SNX3	2.89E-158	0.313187	0.555	0.285	8.13E-154	MG-Act	SNX3
SQSTM1	2.74E-156	0.456869	0.663	0.396	7.72E-152	MG-Act	SQSTM1
RABGEF1	3.70E-156	0.290826	0.409	0.192	1.04E-151	MG-Act	RABGEF1
MTRNR2L1	6.46E-155	0.672725	0.711	0.519	1.82E-150	MG-Act	MTRNR2L12
APMAP	7.89E-154	0.266225	0.545	0.282	2.22E-149	MG-Act	APMAP
LAMTOR1	3.81E-153	0.289406	0.44	0.211	1.07E-148	MG-Act	LAMTOR1
HERPUD11	4.27E-153	0.506772	0.741	0.488	1.20E-148	MG-Act	HERPUD1
HSP90AB1	6.23E-149	0.395323	0.906	0.706	1.75E-144	MG-Act	HSP90AB1
ATP6VOE1	6.77E-146	0.368842	0.669	0.397	1.91E-141	MG-Act	ATP6VOE1
TLN1	5.32E-143	0.276072	0.595	0.324	1.50E-138	MG-Act	TLN1
DDX3Y	7.26E-139	0.312695	0.395	0.194	2.04E-134	MG-Act	DDX3Y
SH3BGRL	3.37E-138	0.326941	0.621	0.356	9.49E-134	MG-Act	SH3BGRL
CKS2	2.00E-137	0.346531	0.323	0.148	5.62E-133	MG-Act	CKS2
GDI2	7.13E-136	0.281056	0.534	0.283	2.00E-131	MG-Act	GDI2
CANX	4.00E-132	0.27388	0.521	0.277	1.13E-127	MG-Act	CANX
NR4A21	7.24E-129	0.395681	0.856	0.638	2.04E-124	MG-Act	NR4A2
RHOG	2.51E-127	0.268088	0.571	0.315	7.06E-123	MG-Act	RHOG
TUBB	3.19E-126	0.332661	0.534	0.293	8.98E-122	MG-Act	TUBB
VAMP8	1.23E-122	0.31031	0.618	0.358	3.47E-118	MG-Act	VAMP8
COTL11	4.13E-120	0.263288	0.755	0.47	1.16E-115	MG-Act	COTL1
ZFAND2A	3.11E-114	0.286795	0.266	0.12	8.75E-110	MG-Act	ZFAND2A
ACTB	3.24E-114	0.289091	0.996	0.936	9.13E-110	MG-Act	ACTB
HSPD11	3.87E-111	0.286371	0.592	0.355	1.09E-106	MG-Act	HSPD1
TRA2B1	5.74E-106	0.266714	0.632	0.387	1.61E-101	MG-Act	TRA2B
PNP1	4.29E-104	0.266893	0.353	0.183	1.21E-99	MG-Act	PNP
ARL6IP1	2.63E-103	0.267569	0.638	0.391	7.41E-99	MG-Act	ARL6IP1
AKAP131	5.13E-101	0.376269	0.797	0.6	1.44E-96	MG-Act	AKAP13
RNASEK	2.43E-98	0.313364	0.751	0.513	6.85E-94	MG-Act	RNASEK
CAPZB	4.00E-94	0.281968	0.808	0.574	1.13E-89	MG-Act	CAPZB
ZFAND5	6.81E-90	0.3559	0.565	0.354	1.92E-85	MG-Act	ZFAND5
HSP90B1	1.55E-88	0.280895	0.706	0.462	4.35E-84	MG-Act	HSP90B1
MT-ATP61	1.71E-81	0.282702	0.937	0.801	4.80E-77	MG-Act	MT-ATP6

ARPC3	1.13E-78	0.26597	0.826	0.616	3.18E-74	MG-Act	ARPC3
LCP2	1.51E-78	0.338033	0.724	0.51	4.26E-74	MG-Act	LCP2
OAZ11	4.59E-74	0.273523	0.857	0.671	1.29E-69	MG-Act	OAZ1
RHOA	4.65E-71	0.253616	0.834	0.618	1.31E-66	MG-Act	RHOA
MT2A	1.15E-13	0.496049	0.602	0.476	3.24E-09	MG-Act	MT2A
LEF1	0	2.079348	0.619	0.078	0	CD8.Mem	LEF1
KLRC2	0	1.773533	0.351	0.072	0	CD8.Mem	KLRC2
TCF71	0	1.541775	0.616	0.173	0	CD8.Mem	TCF7
CCR7	0	1.398208	0.332	0.052	0	CD8.Mem	CCR7
NELL2	0	0.946457	0.265	0.05	0	CD8.Mem	NELL2
TXK	0	0.915189	0.425	0.141	0	CD8.Mem	TXK
RPL322	0	0.680468	0.983	0.921	0	CD8.Mem	RPL32
KLF22	1.63E-306	1.291992	0.735	0.449	4.59E-302	CD8.Mem	KLF2
SELL	6.80E-291	1.382437	0.43	0.169	1.91E-286	CD8.Mem	SELL
RPL222	5.63E-278	0.750858	0.914	0.791	1.58E-273	CD8.Mem	RPL22
RPS132	7.10E-263	0.662089	0.97	0.887	2.00E-258	CD8.Mem	RPS13
RPL192	8.78E-263	0.558042	0.982	0.916	2.47E-258	CD8.Mem	RPL19
RPL342	7.08E-257	0.581976	0.976	0.91	1.99E-252	CD8.Mem	RPL34
RPL112	7.08E-248	0.55756	0.981	0.917	1.99E-243	CD8.Mem	RPL11
RPS122	2.23E-246	0.58412	0.984	0.93	6.28E-242	CD8.Mem	RPS12
RPS3A1	4.74E-240	0.667443	0.972	0.898	1.33E-235	CD8.Mem	RPS3A
RPL18A2	1.17E-237	0.535143	0.978	0.908	3.28E-233	CD8.Mem	RPL18A
RPL82	2.94E-232	0.560613	0.964	0.879	8.27E-228	CD8.Mem	RPL8
BACH21	2.29E-231	0.796374	0.481	0.211	6.46E-227	CD8.Mem	BACH2
RPS51	2.61E-231	0.709412	0.927	0.831	7.35E-227	CD8.Mem	RPS5
RPL131	5.40E-230	0.508773	0.987	0.938	1.52E-225	CD8.Mem	RPL13
PABPC11	3.14E-222	0.662	0.911	0.797	8.83E-218	CD8.Mem	PABPC1
RPS232	9.39E-220	0.524887	0.98	0.911	2.64E-215	CD8.Mem	RPS23
EEF1A11	2.44E-219	0.577199	0.988	0.947	6.86E-215	CD8.Mem	EEF1A1
LDLRAP1	5.41E-212	0.714673	0.319	0.112	1.52E-207	CD8.Mem	LDLRAP1
RPL302	2.57E-208	0.457805	0.984	0.924	7.23E-204	CD8.Mem	RPL30
LTB1	1.31E-207	0.864807	0.608	0.334	3.68E-203	CD8.Mem	LTB
RPL292	3.33E-206	0.517069	0.97	0.891	9.37E-202	CD8.Mem	RPL29
RPS61	1.06E-200	0.608632	0.954	0.882	2.99E-196	CD8.Mem	RPS6
RPL51	2.11E-200	0.646066	0.937	0.842	5.93E-196	CD8.Mem	RPL5
RPS27A2	9.30E-198	0.467162	0.981	0.918	2.62E-193	CD8.Mem	RPS27A
RPS213	5.23E-193	0.489473	0.96	0.878	1.47E-188	CD8.Mem	RPS21
IL7R1	9.02E-191	0.480292	0.821	0.468	2.54E-186	CD8.Mem	IL7R
RPS283	2.88E-187	0.454126	0.979	0.912	8.10E-183	CD8.Mem	RPS28
RPS81	1.39E-186	0.576146	0.974	0.914	3.92E-182	CD8.Mem	RPS8
RPL371	6.36E-184	0.489975	0.965	0.893	1.79E-179	CD8.Mem	RPL37
RPS141	4.34E-179	0.470716	0.974	0.905	1.22E-174	CD8.Mem	RPS14
CD7	6.25E-178	0.921833	0.735	0.503	1.76E-173	CD8.Mem	CD7
NUCB2	8.81E-177	0.795738	0.442	0.214	2.48E-172	CD8.Mem	NUCB2
RPL142	4.90E-164	0.465448	0.966	0.891	1.38E-159	CD8.Mem	RPL14
RPL392	1.33E-162	0.455597	0.968	0.905	3.73E-158	CD8.Mem	RPL39
TNFSF8	1.07E-159	0.63569	0.398	0.181	3.01E-155	CD8.Mem	TNFSF8

EEF1B21	2.07E-156	0.613268	0.876	0.764	5.81E-152	CD8.Mem	EEF1B2
RPL182	6.80E-155	0.44575	0.964	0.893	1.91E-150	CD8.Mem	RPL18
RPL102	2.13E-152	0.393403	0.985	0.942	5.98E-148	CD8.Mem	RPL10
NOSIP1	5.64E-152	0.910735	0.484	0.281	1.59E-147	CD8.Mem	NOSIP
RPS182	5.93E-149	0.44424	0.977	0.917	1.67E-144	CD8.Mem	RPS18
RPS4X1	8.70E-149	0.477736	0.97	0.891	2.45E-144	CD8.Mem	RPS4X
CD551	7.71E-148	0.761626	0.609	0.391	2.17E-143	CD8.Mem	CD55
TMEM1231	6.83E-147	0.683302	0.474	0.257	1.92E-142	CD8.Mem	TMEM123
RIPOR21	1.39E-145	0.651552	0.545	0.317	3.91E-141	CD8.Mem	RIPOR2
LDHB1	1.72E-137	0.720112	0.681	0.503	4.85E-133	CD8.Mem	LDHB
RPL35A2	1.90E-136	0.422302	0.956	0.879	5.35E-132	CD8.Mem	RPL35A
RACK11	3.72E-136	0.458309	0.932	0.84	1.05E-131	CD8.Mem	RACK1
NACA1	8.06E-135	0.467039	0.933	0.842	2.27E-130	CD8.Mem	NACA
RPSA1	8.12E-135	0.495727	0.911	0.816	2.29E-130	CD8.Mem	RPSA
RPL362	6.42E-132	0.402267	0.958	0.878	1.81E-127	CD8.Mem	RPL36
RPL122	2.52E-131	0.408761	0.97	0.905	7.08E-127	CD8.Mem	RPL12
RPL62	4.43E-130	0.407691	0.964	0.886	1.25E-125	CD8.Mem	RPL6
RPL211	1.05E-128	0.59162	0.902	0.808	2.94E-124	CD8.Mem	RPL21
NDFIP11	7.37E-125	0.850665	0.543	0.364	2.07E-120	CD8.Mem	NDFIP1
SOCS31	2.74E-124	0.736069	0.326	0.155	7.70E-120	CD8.Mem	SOCS3
RPS91	1.63E-121	0.44831	0.933	0.85	4.60E-117	CD8.Mem	RPS9
RPLP22	6.99E-120	0.382786	0.965	0.886	1.97E-115	CD8.Mem	RPLP2
AREG	1.07E-119	0.458935	0.422	0.217	3.01E-115	CD8.Mem	AREG
RPL10A1	2.33E-118	0.455089	0.906	0.816	6.54E-114	CD8.Mem	RPL10A
ZNF6831	1.90E-117	1.018788	0.302	0.143	5.36E-113	CD8.Mem	ZNF683
RPL33	4.71E-117	0.443248	0.951	0.884	1.32E-112	CD8.Mem	RPL3
IFITM11	5.87E-113	0.59408	0.916	0.768	1.65E-108	CD8.Mem	IFITM1
RPL91	8.84E-113	0.50848	0.901	0.819	2.49E-108	CD8.Mem	RPL9
EEF1G1	5.56E-108	0.5409	0.794	0.685	1.57E-103	CD8.Mem	EEF1G
PRKCQ-AS1	1.96E-106	0.671053	0.325	0.163	5.52E-102	CD8.Mem	PRKCQ-AS1
RPS73	5.82E-106	0.334714	0.967	0.899	1.64E-101	CD8.Mem	RPS7
RPS33	3.17E-105	0.328636	0.977	0.915	8.93E-101	CD8.Mem	RPS3
RPL42	5.58E-105	0.558753	0.81	0.711	1.57E-100	CD8.Mem	RPL4
RPS253	1.56E-104	0.35546	0.959	0.887	4.39E-100	CD8.Mem	RPS25
SATB1	2.43E-102	0.572024	0.301	0.148	6.82E-98	CD8.Mem	SATB1
TXNIP1	1.91E-101	0.445334	0.869	0.718	5.37E-97	CD8.Mem	TXNIP
TPT11	4.05E-101	0.390377	0.973	0.918	1.14E-96	CD8.Mem	TPT1
RPS152	1.87E-100	0.312308	0.975	0.914	5.25E-96	CD8.Mem	RPS15
RPL261	1.81E-99	0.314287	0.97	0.903	5.09E-95	CD8.Mem	RPL26
PIK3IP1	5.38E-95	0.537103	0.613	0.436	1.51E-90	CD8.Mem	PIK3IP1
TMSB10	8.46E-94	0.353931	0.971	0.919	2.38E-89	CD8.Mem	TMSB10
RPS272	2.72E-92	0.300424	0.985	0.934	7.65E-88	CD8.Mem	RPS27
FCMR	2.93E-91	0.550839	0.522	0.345	8.24E-87	CD8.Mem	FCMR
RASGRP2	4.75E-89	0.538942	0.356	0.198	1.34E-84	CD8.Mem	RASGRP2
TMEM243	1.01E-88	0.516754	0.386	0.225	2.85E-84	CD8.Mem	TMEM243
RPS22	8.07E-87	0.464748	0.937	0.872	2.27E-82	CD8.Mem	RPS2
RPS161	9.78E-87	0.383309	0.916	0.835	2.75E-82	CD8.Mem	RPS16

ITPKB	1.55E-86	0.444685	0.349	0.19	4.36E-82	CD8.Mem	ITPKB
RPS241	1.33E-84	0.284698	0.977	0.91	3.74E-80	CD8.Mem	RPS24
RPS15A3	3.15E-84	0.289413	0.98	0.922	8.88E-80	CD8.Mem	RPS15A
NOP531	6.23E-82	0.511237	0.671	0.535	1.75E-77	CD8.Mem	NOP53
GYPC1	1.98E-79	0.492069	0.666	0.511	5.58E-75	CD8.Mem	GYPC
EEF21	9.05E-79	0.454865	0.836	0.746	2.55E-74	CD8.Mem	EEF2
EEF1D1	1.37E-78	0.34671	0.9	0.808	3.86E-74	CD8.Mem	EEF1D
RPL151	3.91E-77	0.344513	0.924	0.839	1.10E-72	CD8.Mem	RPL15
FAU3	6.42E-75	0.269191	0.97	0.898	1.81E-70	CD8.Mem	FAU
RPL71	9.44E-73	0.471353	0.745	0.643	2.66E-68	CD8.Mem	RPL7
SERINC5	1.55E-68	0.4259	0.296	0.162	4.35E-64	CD8.Mem	SERINC5
PFDN52	3.16E-67	0.352426	0.854	0.766	8.89E-63	CD8.Mem	PFDN5
SNHG8	1.84E-66	0.451654	0.541	0.392	5.17E-62	CD8.Mem	SNHG8
RPL171	1.27E-65	0.304087	0.937	0.86	3.57E-61	CD8.Mem	RPL17
MCUB1	4.16E-63	0.401358	0.441	0.294	1.17E-58	CD8.Mem	MCUB
EIF3E1	5.40E-63	0.456936	0.554	0.419	1.52E-58	CD8.Mem	EIF3E
PIM11	1.43E-62	0.502902	0.356	0.222	4.02E-58	CD8.Mem	PIM1
RPLP01	3.16E-62	0.318567	0.934	0.868	8.89E-58	CD8.Mem	RPLP0
PCED1B-AS	6.33E-62	0.465656	0.656	0.528	1.78E-57	CD8.Mem	PCED1B-AS1
RPL271	3.28E-61	0.342823	0.845	0.748	9.22E-57	CD8.Mem	RPL27
FXYD51	6.49E-61	0.357641	0.805	0.672	1.82E-56	CD8.Mem	FXYD5
GAS51	1.04E-59	0.464379	0.581	0.457	2.93E-55	CD8.Mem	GAS5
SNHG291	1.36E-59	0.444271	0.667	0.556	3.83E-55	CD8.Mem	SNHG29
RPL382	1.16E-56	0.32815	0.815	0.705	3.26E-52	CD8.Mem	RPL38
GADD45A	1.46E-56	0.530778	0.268	0.157	4.10E-52	CD8.Mem	GADD45A
EIF3L	2.18E-56	0.405789	0.501	0.37	6.12E-52	CD8.Mem	EIF3L
UBA521	3.84E-56	0.286955	0.893	0.799	1.08E-51	CD8.Mem	UBA52
MAML21	4.15E-56	0.306951	0.474	0.324	1.17E-51	CD8.Mem	MAML2
DGKA	2.07E-54	0.364658	0.302	0.18	5.81E-50	CD8.Mem	DGKA
APBA2	4.30E-54	0.327326	0.307	0.182	1.21E-49	CD8.Mem	APBA2
ATM1	8.19E-54	0.387327	0.443	0.306	2.31E-49	CD8.Mem	ATM
NPM11	7.52E-51	0.330466	0.812	0.716	2.12E-46	CD8.Mem	NPM1
FLT3LG1	1.48E-50	0.422135	0.337	0.217	4.16E-46	CD8.Mem	FLT3LG
RPL37A	4.85E-49	0.284664	0.886	0.799	1.37E-44	CD8.Mem	RPL37A
CD272	4.85E-48	0.315725	0.452	0.31	1.37E-43	CD8.Mem	CD27
ANP32B1	1.76E-46	0.384939	0.51	0.391	4.94E-42	CD8.Mem	ANP32B
AKT3	6.27E-46	0.300235	0.273	0.164	1.76E-41	CD8.Mem	AKT3
GTF3A	1.46E-45	0.389861	0.461	0.339	4.10E-41	CD8.Mem	GTF3A
EIF2S3	1.83E-45	0.376073	0.355	0.242	5.15E-41	CD8.Mem	EIF2S3
PIM21	5.64E-44	0.458076	0.326	0.216	1.59E-39	CD8.Mem	PIM2
LIMD2	1.35E-42	0.296135	0.621	0.484	3.79E-38	CD8.Mem	LIMD2
TESPA11	3.64E-42	0.3168	0.269	0.165	1.02E-37	CD8.Mem	TESPA1
BTF31	6.57E-42	0.276264	0.822	0.728	1.85E-37	CD8.Mem	BTF3
RPL311	9.01E-41	0.267946	0.807	0.724	2.53E-36	CD8.Mem	RPL31
RPL36A1	1.53E-39	0.27185	0.858	0.779	4.31E-35	CD8.Mem	RPL36A
COX4I1	1.58E-39	0.262877	0.827	0.737	4.44E-35	CD8.Mem	COX4I1
TSC22D32	3.28E-39	0.286775	0.921	0.849	9.23E-35	CD8.Mem	TSC22D3

RCAN31	9.06E-39	0.290611	0.315	0.206	2.55E-34	CD8.Mem	RCAN3
ADD31	5.41E-38	0.281204	0.362	0.25	1.52E-33	CD8.Mem	ADD3
TLE5	6.49E-38	0.277821	0.727	0.619	1.82E-33	CD8.Mem	TLE5
SNHG61	7.00E-38	0.349268	0.58	0.47	1.97E-33	CD8.Mem	SNHG6
HNRNPA01	3.22E-37	0.343305	0.568	0.464	9.05E-33	CD8.Mem	HNRNPA0
UXT	5.30E-37	0.339232	0.481	0.373	1.49E-32	CD8.Mem	UXT
RAPGEF61	1.52E-36	0.350237	0.377	0.268	4.26E-32	CD8.Mem	RAPGEF6
VAV31	3.23E-36	0.295538	0.318	0.215	9.09E-32	CD8.Mem	VAV3
KLF3	5.68E-36	0.335759	0.315	0.214	1.60E-31	CD8.Mem	KLF3
HSPB12	5.83E-36	0.286038	0.392	0.276	1.64E-31	CD8.Mem	HSPB1
RNF138	8.13E-36	0.311107	0.315	0.215	2.29E-31	CD8.Mem	RNF138
EIF3H	1.61E-35	0.295494	0.573	0.47	4.53E-31	CD8.Mem	EIF3H
PRKCA1	1.69E-35	0.276437	0.278	0.181	4.76E-31	CD8.Mem	PRKCA
JUNB2	2.54E-35	0.252891	0.938	0.872	7.16E-31	CD8.Mem	JUNB
SEMA4D1	3.03E-35	0.260996	0.48	0.363	8.54E-31	CD8.Mem	SEMA4D
C12orf57	3.48E-35	0.300999	0.645	0.539	9.78E-31	CD8.Mem	C12orf57
IL6ST2	1.88E-33	0.378303	0.344	0.246	5.29E-29	CD8.Mem	IL6ST
EIF4B	1.01E-32	0.327092	0.483	0.379	2.84E-28	CD8.Mem	EIF4B
GPCPD11	3.84E-32	0.275468	0.363	0.262	1.08E-27	CD8.Mem	GPCPD1
RPS17	9.67E-32	0.299565	0.566	0.474	2.72E-27	CD8.Mem	RPS17
NAP1L4	2.31E-31	0.254666	0.488	0.378	6.51E-27	CD8.Mem	NAP1L4
NME21	6.55E-30	0.298331	0.507	0.399	1.84E-25	CD8.Mem	NME2
BIRC2	1.51E-29	0.292522	0.252	0.169	4.26E-25	CD8.Mem	BIRC2
STK38	4.82E-28	0.271459	0.298	0.208	1.36E-23	CD8.Mem	STK38
XCL11	2.48E-27	0.467986	0.274	0.19	6.98E-23	CD8.Mem	XCL1
RPL23	7.67E-27	0.26585	0.582	0.493	2.16E-22	CD8.Mem	RPL23
RSL1D11	3.38E-26	0.285067	0.394	0.304	9.50E-22	CD8.Mem	RSL1D1
PRMT2	3.47E-26	0.257626	0.466	0.372	9.78E-22	CD8.Mem	PRMT2
FBL	6.56E-26	0.28657	0.305	0.222	1.84E-21	CD8.Mem	FBL
RGS101	1.79E-23	0.250269	0.488	0.391	5.04E-19	CD8.Mem	RGS10
TUBA1A1	6.96E-23	0.272647	0.445	0.358	1.96E-18	CD8.Mem	TUBA1A
ATP5PO	1.02E-22	0.258107	0.46	0.372	2.87E-18	CD8.Mem	ATP5PO
HMG3	4.20E-21	0.281144	0.317	0.241	1.18E-16	CD8.Mem	HMG3
VSIR1	1.69E-20	0.260162	0.444	0.358	4.75E-16	CD8.Mem	VSIR
DCXR	1.86E-20	0.276089	0.295	0.222	5.23E-16	CD8.Mem	DCXR
SNHG7	3.14E-20	0.255808	0.381	0.301	8.83E-16	CD8.Mem	SNHG7
ST13	7.77E-20	0.251495	0.39	0.314	2.19E-15	CD8.Mem	ST13
TAGLN21	4.77E-18	0.273764	0.568	0.497	1.34E-13	CD8.Mem	TAGLN2
IFITM2	5.36E-18	0.251295	0.712	0.628	1.51E-13	CD8.Mem	IFITM2
LYAR1	1.99E-09	0.359854	0.357	0.325	5.59E-05	CD8.Mem	LYAR
GNLY	0	3.327123	0.913	0.193	0	NK.Tim3	GNLY
GZMB	0	3.192233	0.909	0.127	0	NK.Tim3	GZMB
FGFBP2	0	2.923747	0.777	0.05	0	NK.Tim3	FGFBP2
PRF1	0	2.658286	0.914	0.317	0	NK.Tim3	PRF1
NKG71	0	2.636045	0.991	0.501	0	NK.Tim3	NKG7
SPON2	0	2.597985	0.806	0.229	0	NK.Tim3	SPON2
CLIC3	0	2.248804	0.719	0.169	0	NK.Tim3	CLIC3

FCGR3A1	0	2.217069	0.713	0.123	0	NK.Tim3	FCGR3A
KLRD1	0	2.040083	0.876	0.247	0	NK.Tim3	KLRD1
EFHD2	0	1.981324	0.823	0.295	0	NK.Tim3	EFHD2
KLRF1	0	1.980697	0.51	0.024	0	NK.Tim3	KLRF1
ADGRG11	0	1.828082	0.586	0.085	0	NK.Tim3	ADGRG1
AREG1	0	1.781594	0.528	0.213	0	NK.Tim3	AREG
FCER1G1	0	1.703142	0.605	0.157	0	NK.Tim3	FCER1G
S1PR5	0	1.694913	0.494	0.036	0	NK.Tim3	S1PR5
TTC38	0	1.507706	0.464	0.05	0	NK.Tim3	TTC38
SH2D1B	0	1.506307	0.379	0.021	0	NK.Tim3	SH2D1B
TYROBP1	0	1.489161	0.741	0.283	0	NK.Tim3	TYROBP
PLAC8	0	1.461638	0.501	0.131	0	NK.Tim3	PLAC8
CTSW1	0	1.460969	0.887	0.48	0	NK.Tim3	CTSW
CST71	0	1.421991	0.936	0.571	0	NK.Tim3	CST7
IGFBP7	0	1.351725	0.306	0.012	0	NK.Tim3	IGFBP7
CX3CR11	0	1.349709	0.466	0.098	0	NK.Tim3	CX3CR1
PRSS23	0	1.341869	0.364	0.015	0	NK.Tim3	PRSS23
PTPN12	0	1.331954	0.426	0.072	0	NK.Tim3	PTPN12
IFITM21	0	1.279824	0.892	0.617	0	NK.Tim3	IFITM2
FGR	0	1.272236	0.398	0.055	0	NK.Tim3	FGR
PLEK1	0	1.270915	0.571	0.167	0	NK.Tim3	PLEK
CD2471	0	1.265559	0.847	0.544	0	NK.Tim3	CD247
C1orf21	0	1.264434	0.442	0.067	0	NK.Tim3	C1orf21
ABHD17A	0	1.231048	0.741	0.38	0	NK.Tim3	ABHD17A
CD71	0	1.190683	0.843	0.499	0	NK.Tim3	CD7
MCTP2	0	1.16909	0.515	0.152	0	NK.Tim3	MCTP2
ITGB2	0	1.160392	0.841	0.553	0	NK.Tim3	ITGB2
OSBPL5	0	1.145371	0.319	0.027	0	NK.Tim3	OSBPL5
RAP1GAP2	0	1.121709	0.36	0.057	0	NK.Tim3	RAP1GAP2
GSAP	0	1.11606	0.352	0.076	0	NK.Tim3	GSAP
BIN2	0	1.112278	0.711	0.369	0	NK.Tim3	BIN2
FLNA1	0	1.096519	0.678	0.342	0	NK.Tim3	FLNA
TBX21	0	1.07829	0.543	0.207	0	NK.Tim3	TBX21
HSH2D	0	1.075427	0.397	0.109	0	NK.Tim3	HSH2D
ZEB2	0	1.042696	0.667	0.286	0	NK.Tim3	ZEB2
LINC00299	0	1.012607	0.311	0.054	0	NK.Tim3	LINC00299
CYBA1	0	1.005678	0.924	0.748	0	NK.Tim3	CYBA
LPCAT1	0	0.95223	0.379	0.108	0	NK.Tim3	LPCAT1
ITGAM	0	0.949763	0.309	0.068	0	NK.Tim3	ITGAM
CEP78	0	0.942719	0.317	0.064	0	NK.Tim3	CEP78
PFN11	0	0.921297	0.979	0.849	0	NK.Tim3	PFN1
HLA-C	0	0.732435	0.985	0.908	0	NK.Tim3	HLA-C
IFITM12	3.99E-306	0.833715	0.95	0.767	1.12E-301	NK.Tim3	IFITM1
PXN	1.06E-304	0.972919	0.465	0.163	2.99E-300	NK.Tim3	PXN
TPST2	1.21E-302	0.987264	0.475	0.17	3.41E-298	NK.Tim3	TPST2
MTSS11	4.13E-298	0.927284	0.302	0.075	1.16E-293	NK.Tim3	MTSS1
GK5	2.73E-284	0.835726	0.251	0.054	7.69E-280	NK.Tim3	GK5

GZMH2	7.80E-284	1.211265	0.658	0.32	2.19E-279	NK.Tim3	GZMH
FCRL6	9.81E-282	0.836104	0.388	0.118	2.76E-277	NK.Tim3	FCRL6
NCR3	7.00E-269	0.891466	0.313	0.085	1.97E-264	NK.Tim3	NCR3
RAP1B	9.81E-257	0.893137	0.787	0.533	2.76E-252	NK.Tim3	RAP1B
TXK1	2.92E-256	0.869305	0.419	0.145	8.23E-252	NK.Tim3	TXK
LYN1	1.45E-237	0.857134	0.372	0.124	4.07E-233	NK.Tim3	LYN
SYNE11	4.85E-236	0.915016	0.591	0.283	1.37E-231	NK.Tim3	SYNE1
ARL4C1	5.69E-234	0.889722	0.814	0.544	1.60E-229	NK.Tim3	ARL4C
HOPX	9.97E-234	1.076111	0.564	0.27	2.80E-229	NK.Tim3	HOPX
APMAP1	2.76E-230	0.905626	0.588	0.291	7.78E-226	NK.Tim3	APMAP
TLE51	8.17E-227	0.825838	0.835	0.614	2.30E-222	NK.Tim3	TLE5
GZMM1	1.73E-220	0.864059	0.676	0.379	4.86E-216	NK.Tim3	GZMM
SELPLG1	1.80E-220	0.934485	0.653	0.368	5.07E-216	NK.Tim3	SELPLG
GFOD1	1.14E-219	0.762232	0.348	0.115	3.21E-215	NK.Tim3	GFOD1
UBE2F	1.68E-215	0.848057	0.385	0.145	4.72E-211	NK.Tim3	UBE2F
TMSB101	2.12E-215	0.575349	0.992	0.918	5.98E-211	NK.Tim3	TMSB10
METRNL1	9.24E-215	0.910031	0.481	0.205	2.60E-210	NK.Tim3	METRNL
CD300A1	1.87E-212	0.866612	0.334	0.114	5.27E-208	NK.Tim3	CD300A
KLRK11	6.69E-209	0.768455	0.665	0.341	1.88E-204	NK.Tim3	KLRK1
KLF23	1.19E-206	0.646174	0.815	0.448	3.34E-202	NK.Tim3	KLF2
UCP2	4.50E-206	0.937738	0.644	0.376	1.27E-201	NK.Tim3	UCP2
GZMA2	4.65E-203	0.771046	0.836	0.541	1.31E-198	NK.Tim3	GZMA
EMP3	1.37E-200	0.837898	0.696	0.425	3.85E-196	NK.Tim3	EMP3
MYL12A1	1.46E-197	0.718104	0.912	0.751	4.10E-193	NK.Tim3	MYL12A
RAC22	8.48E-196	0.753371	0.837	0.649	2.39E-191	NK.Tim3	RAC2
LITAF	1.07E-195	0.75926	0.77	0.501	3.01E-191	NK.Tim3	LITAF
CCL42	1.68E-190	0.97743	0.922	0.697	4.73E-186	NK.Tim3	CCL4
HLA-E	5.40E-190	0.541535	0.965	0.869	1.52E-185	NK.Tim3	HLA-E
SPN	5.47E-190	0.861158	0.453	0.204	1.54E-185	NK.Tim3	SPN
CDC42SE1	8.51E-188	0.850699	0.615	0.349	2.39E-183	NK.Tim3	CDC42SE1
HIPK2	7.26E-186	0.850901	0.322	0.115	2.04E-181	NK.Tim3	HIPK2
MYO1F1	2.35E-181	0.780847	0.5	0.24	6.62E-177	NK.Tim3	MYO1F
B2M2	2.15E-180	0.40747	0.996	0.97	6.05E-176	NK.Tim3	B2M
ARPC2	1.50E-175	0.704292	0.833	0.65	4.22E-171	NK.Tim3	ARPC2
IGF2R	8.21E-175	0.750575	0.455	0.208	2.31E-170	NK.Tim3	IGF2R
MAPK11	4.29E-174	0.809587	0.561	0.302	1.21E-169	NK.Tim3	MAPK1
ICAM2	1.65E-171	0.789698	0.352	0.14	4.64E-167	NK.Tim3	ICAM2
CD47	6.04E-168	0.757099	0.609	0.356	1.70E-163	NK.Tim3	CD47
ADAM8	3.63E-165	0.686688	0.315	0.117	1.02E-160	NK.Tim3	ADAM8
CMC1	8.31E-162	0.88991	0.43	0.202	2.34E-157	NK.Tim3	CMC1
C1orf1621	8.74E-161	0.791089	0.302	0.113	2.46E-156	NK.Tim3	C1orf162
ABI31	9.87E-161	0.758242	0.447	0.214	2.78E-156	NK.Tim3	ABI3
PPP1CA	8.12E-159	0.765239	0.62	0.385	2.29E-154	NK.Tim3	PPP1CA
SH3BP5	1.86E-158	0.714514	0.305	0.115	5.22E-154	NK.Tim3	SH3BP5
GSTP1	1.36E-157	0.749272	0.618	0.364	3.83E-153	NK.Tim3	GSTP1
SUN2	6.14E-156	0.779546	0.644	0.403	1.73E-151	NK.Tim3	SUN2
IL2RB	1.87E-155	0.804741	0.476	0.239	5.27E-151	NK.Tim3	IL2RB

RAB29	2.98E-155	0.675149	0.314	0.122	8.40E-151	NK.Tim3	RAB29
SLC9A3R1	8.13E-155	0.751348	0.626	0.384	2.29E-150	NK.Tim3	SLC9A3R1
CTSD1	5.56E-154	0.724835	0.682	0.445	1.56E-149	NK.Tim3	CTSD
RIN31	4.92E-153	0.716826	0.374	0.162	1.39E-148	NK.Tim3	RIN3
RASGRP21	2.17E-151	0.7204	0.422	0.196	6.11E-147	NK.Tim3	RASGRP2
TGFBR3	5.41E-151	0.68538	0.385	0.166	1.52E-146	NK.Tim3	TGFBR3
TFDP2	1.40E-149	0.663774	0.333	0.135	3.94E-145	NK.Tim3	TFDP2
AOAH1	1.22E-148	0.552057	0.662	0.386	3.44E-144	NK.Tim3	AOAH
HLA-B1	7.20E-148	0.403728	0.994	0.955	2.03E-143	NK.Tim3	HLA-B
LIMD21	1.10E-147	0.710791	0.703	0.481	3.09E-143	NK.Tim3	LIMD2
VAV32	3.35E-147	0.617283	0.445	0.207	9.44E-143	NK.Tim3	VAV3
GNG21	1.39E-140	0.625408	0.736	0.51	3.91E-136	NK.Tim3	GNG2
MBP1	2.03E-139	0.719018	0.595	0.365	5.71E-135	NK.Tim3	MBP
PTGDR	4.01E-139	0.68248	0.347	0.148	1.13E-134	NK.Tim3	PTGDR
PLEKHF1	2.36E-138	0.628079	0.289	0.112	6.63E-134	NK.Tim3	PLEKHF1
HLA-A1	4.76E-138	0.405627	0.986	0.925	1.34E-133	NK.Tim3	HLA-A
CARD111	5.99E-137	0.729765	0.463	0.237	1.69E-132	NK.Tim3	CARD11
CALM12	1.58E-136	0.508466	0.928	0.812	4.44E-132	NK.Tim3	CALM1
PYHIN11	2.44E-136	0.635452	0.507	0.267	6.86E-132	NK.Tim3	PYHIN1
FNDC3B	4.63E-135	0.627703	0.333	0.14	1.30E-130	NK.Tim3	FNDC3B
CFL11	3.09E-134	0.528419	0.924	0.807	8.68E-130	NK.Tim3	CFL1
TGFB11	9.80E-132	0.585215	0.814	0.614	2.76E-127	NK.Tim3	TGFB1
SLC44A2	5.59E-131	0.695441	0.386	0.185	1.57E-126	NK.Tim3	SLC44A2
SYTL1	6.80E-131	0.723825	0.417	0.21	1.91E-126	NK.Tim3	SYTL1
MATK	1.16E-130	0.737836	0.476	0.254	3.26E-126	NK.Tim3	MATK
SLC15A4	3.08E-130	0.636541	0.256	0.097	8.67E-126	NK.Tim3	SLC15A4
CCND31	6.11E-130	0.51922	0.814	0.629	1.72E-125	NK.Tim3	CCND3
MAP3K81	5.14E-129	0.754531	0.553	0.324	1.44E-124	NK.Tim3	MAP3K8
HCST2	4.67E-127	0.56861	0.862	0.699	1.31E-122	NK.Tim3	HCST
MYO1G	6.20E-127	0.641198	0.401	0.196	1.75E-122	NK.Tim3	MYO1G
IL2RG	4.31E-126	0.618689	0.788	0.613	1.21E-121	NK.Tim3	IL2RG
KLHDC4	1.62E-124	0.571408	0.288	0.116	4.56E-120	NK.Tim3	KLHDC4
YES1	2.12E-123	0.593577	0.325	0.139	5.97E-119	NK.Tim3	YES1
ZAP701	2.92E-123	0.630677	0.583	0.362	8.21E-119	NK.Tim3	ZAP70
RASSF1	6.42E-123	0.675532	0.428	0.222	1.81E-118	NK.Tim3	RASSF1
CDKN2D	3.37E-121	0.596901	0.261	0.102	9.49E-117	NK.Tim3	CDKN2D
KLRB11	7.06E-121	0.510703	0.612	0.342	1.99E-116	NK.Tim3	KLRB1
CLIC12	4.71E-120	0.588023	0.803	0.626	1.33E-115	NK.Tim3	CLIC1
PLCG2	1.10E-118	0.50039	0.257	0.099	3.11E-114	NK.Tim3	PLCG2
G6PD	3.57E-118	0.576298	0.264	0.106	1.01E-113	NK.Tim3	G6PD
PSMB10	3.73E-118	0.662245	0.524	0.313	1.05E-113	NK.Tim3	PSMB10
C5orf561	5.36E-115	0.59795	0.438	0.23	1.51E-110	NK.Tim3	C5orf56
ACTB1	1.12E-112	0.506916	0.992	0.939	3.16E-108	NK.Tim3	ACTB
DOK2	5.70E-111	0.64289	0.44	0.237	1.60E-106	NK.Tim3	DOK2
AGTRAP	2.21E-109	0.606159	0.318	0.147	6.21E-105	NK.Tim3	AGTRAP
CEBPD1	3.77E-107	0.309825	0.551	0.302	1.06E-102	NK.Tim3	CEBPD
PCBP1	2.34E-104	0.682455	0.571	0.383	6.59E-100	NK.Tim3	PCBP1

ARPC5L1	1.32E-103	0.613595	0.478	0.279	3.73E-99	NK.Tim3	ARPC5L
NCALD	2.23E-103	0.527799	0.35	0.168	6.27E-99	NK.Tim3	NCALD
SERPINB1	4.55E-103	0.646747	0.421	0.238	1.28E-98	NK.Tim3	SERPINB1
C12orf751	1.18E-102	0.591742	0.408	0.218	3.33E-98	NK.Tim3	C12orf75
NFATC21	2.48E-102	0.516037	0.571	0.358	6.97E-98	NK.Tim3	NFATC2
TRBC1	3.18E-102	0.737748	0.512	0.315	8.94E-98	NK.Tim3	TRBC1
UBB1	1.14E-100	0.502406	0.841	0.682	3.22E-96	NK.Tim3	UBB
PPP1R181	8.40E-100	0.603521	0.506	0.311	2.36E-95	NK.Tim3	PPP1R18
CHST12	8.64E-100	0.544459	0.429	0.232	2.43E-95	NK.Tim3	CHST12
JAK11	8.88E-99	0.561132	0.748	0.585	2.50E-94	NK.Tim3	JAK1
LY6E1	7.38E-98	0.66456	0.715	0.546	2.08E-93	NK.Tim3	LY6E
SH3BGRL3	1.73E-97	0.494298	0.917	0.804	4.86E-93	NK.Tim3	SH3BGRL3
CD992	1.08E-95	0.464089	0.84	0.689	3.04E-91	NK.Tim3	CD99
AGTPBP1	2.19E-95	0.508601	0.288	0.132	6.17E-91	NK.Tim3	AGTPBP1
BHLHE401	4.77E-95	0.627652	0.512	0.316	1.34E-90	NK.Tim3	BHLHE40
LSP11	9.67E-95	0.484363	0.778	0.608	2.72E-90	NK.Tim3	LSP1
DIP2A1	1.09E-94	0.5987	0.461	0.271	3.06E-90	NK.Tim3	DIP2A
ITGAL1	4.81E-94	0.530766	0.442	0.251	1.35E-89	NK.Tim3	ITGAL
PSME11	1.04E-93	0.520187	0.76	0.61	2.91E-89	NK.Tim3	PSME1
CD631	1.54E-93	0.593466	0.478	0.285	4.35E-89	NK.Tim3	CD63
MAPRE2	2.92E-93	0.579812	0.529	0.335	8.22E-89	NK.Tim3	MAPRE2
GPR651	5.26E-92	0.594341	0.416	0.234	1.48E-87	NK.Tim3	GPR65
AC092821.	5.74E-92	0.597454	0.394	0.218	1.62E-87	NK.Tim3	AC092821.3
SERTAD1	7.50E-92	0.676432	0.533	0.349	2.11E-87	NK.Tim3	SERTAD1
SASH3	1.77E-91	0.54744	0.411	0.232	4.98E-87	NK.Tim3	SASH3
FOSL21	9.11E-90	0.578066	0.492	0.301	2.56E-85	NK.Tim3	FOSL2
IQGAP21	5.56E-89	0.409566	0.648	0.447	1.57E-84	NK.Tim3	IQGAP2
KLF131	6.80E-89	0.539864	0.529	0.341	1.91E-84	NK.Tim3	KLF13
GNPTAB	5.16E-87	0.513612	0.382	0.206	1.45E-82	NK.Tim3	GNPTAB
GRASP1	3.12E-86	0.704192	0.27	0.127	8.77E-82	NK.Tim3	GRASP
FMNL1	4.77E-86	0.546569	0.47	0.29	1.34E-81	NK.Tim3	FMNL1
MIEN1	1.68E-85	0.513206	0.322	0.164	4.72E-81	NK.Tim3	MIEN1
SH2D2A	2.79E-85	0.550744	0.472	0.286	7.85E-81	NK.Tim3	SH2D2A
PTPRE1	2.75E-84	0.526069	0.344	0.182	7.75E-80	NK.Tim3	PTPRE
STK381	6.06E-84	0.459503	0.376	0.204	1.71E-79	NK.Tim3	STK38
SAMD31	2.15E-83	0.50452	0.472	0.283	6.06E-79	NK.Tim3	SAMD3
MSN	4.99E-83	0.487664	0.707	0.541	1.40E-78	NK.Tim3	MSN
PKN1	2.77E-82	0.507912	0.448	0.271	7.79E-78	NK.Tim3	PKN1
DSTN	5.15E-82	0.550664	0.374	0.21	1.45E-77	NK.Tim3	DSTN
CSK	6.25E-82	0.556084	0.492	0.32	1.76E-77	NK.Tim3	CSK
TES	6.42E-82	0.530009	0.379	0.213	1.81E-77	NK.Tim3	TES
CTBP1	2.33E-81	0.539393	0.441	0.267	6.56E-77	NK.Tim3	CTBP1
GPATCH81	2.99E-81	0.461635	0.435	0.255	8.41E-77	NK.Tim3	GPATCH8
HMGN31	6.81E-80	0.552423	0.402	0.237	1.92E-75	NK.Tim3	HMGN3
H3F3A	1.85E-78	0.429139	0.834	0.697	5.20E-74	NK.Tim3	H3F3A
NDUFB2	1.89E-78	0.531788	0.527	0.354	5.31E-74	NK.Tim3	NDUFB2
FBXW5	9.07E-78	0.553317	0.367	0.21	2.55E-73	NK.Tim3	FBXW5

OSTF1	3.78E-77	0.501859	0.522	0.349	1.06E-72	NK.Tim3	OSTF1
AKNA1	1.12E-76	0.429981	0.666	0.487	3.14E-72	NK.Tim3	AKNA
HAVCR21	6.84E-76	0.474342	0.276	0.135	1.93E-71	NK.Tim3	HAVCR2
PTPN6	1.06E-75	0.586424	0.381	0.224	2.99E-71	NK.Tim3	PTPN6
ACTG11	1.90E-75	0.484439	0.902	0.815	5.34E-71	NK.Tim3	ACTG1
PTPN181	2.46E-75	0.527134	0.287	0.147	6.92E-71	NK.Tim3	PTPN18
EIF3G	3.18E-75	0.561457	0.665	0.512	8.94E-71	NK.Tim3	EIF3G
SRPK21	5.40E-75	0.40422	0.472	0.293	1.52E-70	NK.Tim3	SRPK2
IRF1	5.88E-75	0.578693	0.599	0.429	1.65E-70	NK.Tim3	IRF1
SIRT2	1.07E-73	0.444072	0.346	0.191	3.02E-69	NK.Tim3	SIRT2
KLF31	1.28E-73	0.485632	0.37	0.212	3.60E-69	NK.Tim3	KLF3
LGALS11	1.34E-73	0.693169	0.351	0.196	3.76E-69	NK.Tim3	LGALS1
PRR5	1.37E-73	0.46586	0.294	0.151	3.85E-69	NK.Tim3	PRR5
PRMT21	2.18E-73	0.492352	0.541	0.368	6.13E-69	NK.Tim3	PRMT2
RUNX32	3.43E-73	0.384168	0.741	0.563	9.66E-69	NK.Tim3	RUNX3
DBI1	4.25E-73	0.436269	0.569	0.388	1.19E-68	NK.Tim3	DBI
CD38	6.44E-73	0.484243	0.283	0.142	1.81E-68	NK.Tim3	CD38
CD53	7.73E-73	0.468158	0.732	0.586	2.18E-68	NK.Tim3	CD53
RHOC	9.46E-73	0.62358	0.423	0.267	2.66E-68	NK.Tim3	RHOC
IER21	3.24E-71	0.441445	0.838	0.686	9.12E-67	NK.Tim3	IER2
PPIA	4.87E-71	0.400863	0.881	0.762	1.37E-66	NK.Tim3	PPIA
IFITM31	5.62E-71	0.578362	0.376	0.222	1.58E-66	NK.Tim3	IFITM3
CCDC69	1.10E-70	0.461804	0.282	0.145	3.09E-66	NK.Tim3	CCDC69
TAP1	2.74E-70	0.501967	0.444	0.284	7.70E-66	NK.Tim3	TAP1
DENND2D1	6.00E-70	0.505778	0.434	0.271	1.69E-65	NK.Tim3	DENND2D
ARPC4	1.44E-69	0.510845	0.502	0.344	4.04E-65	NK.Tim3	ARPC4
RIPOR22	1.07E-68	0.340735	0.508	0.323	3.00E-64	NK.Tim3	RIPOR2
MT2A1	1.61E-68	0.651679	0.634	0.48	4.52E-64	NK.Tim3	MT2A
TRAPPC101	3.16E-68	0.402164	0.429	0.263	8.89E-64	NK.Tim3	TRAPPC10
MIDN	3.20E-68	0.524875	0.422	0.263	9.00E-64	NK.Tim3	MIDN
ADGRE51	9.95E-68	0.350025	0.684	0.511	2.80E-63	NK.Tim3	ADGRE5
ZBTB16	1.10E-67	0.553827	0.373	0.221	3.11E-63	NK.Tim3	ZBTB16
CTSC	6.67E-67	0.435174	0.591	0.422	1.88E-62	NK.Tim3	CTSC
DHRS71	1.93E-66	0.526617	0.497	0.342	5.44E-62	NK.Tim3	DHRS7
ITPRIP	1.16E-65	0.500386	0.348	0.201	3.27E-61	NK.Tim3	ITPRIP
CORO1A1	1.81E-65	0.418097	0.824	0.704	5.10E-61	NK.Tim3	CORO1A
ANXA6	2.72E-64	0.450837	0.518	0.358	7.64E-60	NK.Tim3	ANXA6
SIPA1	1.45E-63	0.474443	0.384	0.236	4.09E-59	NK.Tim3	SIPA1
CD164	1.66E-63	0.479882	0.465	0.314	4.66E-59	NK.Tim3	CD164
SCLT1	7.04E-63	0.41871	0.278	0.147	1.98E-58	NK.Tim3	SCLT1
RHOA1	2.06E-62	0.398721	0.762	0.633	5.81E-58	NK.Tim3	RHOA
SAMHD11	3.37E-62	0.45226	0.509	0.346	9.49E-58	NK.Tim3	SAMHD1
PDIA3	1.15E-61	0.480348	0.636	0.491	3.23E-57	NK.Tim3	PDIA3
PSMB92	2.61E-61	0.446593	0.628	0.485	7.33E-57	NK.Tim3	PSMB9
TADA3	4.01E-61	0.450359	0.265	0.142	1.13E-56	NK.Tim3	TADA3
ARPC5	1.02E-60	0.469165	0.476	0.325	2.86E-56	NK.Tim3	ARPC5
TMBIM1	2.69E-60	0.492873	0.27	0.147	7.58E-56	NK.Tim3	TMBIM1

VASP	3.70E-60	0.471009	0.339	0.203	1.04E-55	NK.Tim3	VASP
CDK2AP2	4.97E-60	0.450706	0.329	0.19	1.40E-55	NK.Tim3	CDK2AP2
BSG	8.39E-60	0.446663	0.479	0.33	2.36E-55	NK.Tim3	BSG
ADD32	5.22E-59	0.427195	0.398	0.249	1.47E-54	NK.Tim3	ADD3
NDUFA12	7.09E-59	0.467568	0.388	0.246	2.00E-54	NK.Tim3	NDUFA12
CAPNS1	1.27E-58	0.462402	0.4	0.254	3.56E-54	NK.Tim3	CAPNS1
S100A42	2.19E-58	0.377025	0.821	0.653	6.18E-54	NK.Tim3	S100A4
ARHGAP9	3.15E-58	0.450422	0.543	0.392	8.87E-54	NK.Tim3	ARHGAP9
NDUFB7	8.54E-58	0.486192	0.374	0.237	2.40E-53	NK.Tim3	NDUFB7
PTPN4	1.12E-57	0.38027	0.435	0.282	3.14E-53	NK.Tim3	PTPN4
ITGB7	1.31E-57	0.460355	0.304	0.175	3.68E-53	NK.Tim3	ITGB7
TNFRSF1B1	2.50E-57	0.434727	0.488	0.334	7.03E-53	NK.Tim3	TNFRSF1B
RNF126	4.72E-57	0.430249	0.332	0.197	1.33E-52	NK.Tim3	RNF126
RPS6KA1	2.24E-56	0.433612	0.264	0.145	6.30E-52	NK.Tim3	RPS6KA1
SYNE21	2.36E-56	0.310963	0.572	0.402	6.64E-52	NK.Tim3	SYNE2
ORAI1	3.33E-56	0.438243	0.36	0.221	9.38E-52	NK.Tim3	ORAI1
NCOA1	4.31E-56	0.325063	0.302	0.169	1.21E-51	NK.Tim3	NCOA1
POLR2G	1.53E-55	0.405589	0.359	0.221	4.30E-51	NK.Tim3	POLR2G
GNB2	1.58E-55	0.442854	0.507	0.363	4.44E-51	NK.Tim3	GNB2
ARPC31	3.34E-55	0.361058	0.759	0.63	9.39E-51	NK.Tim3	ARPC3
IQGAP11	1.95E-54	0.404575	0.574	0.424	5.49E-50	NK.Tim3	IQGAP1
CYTH4	2.05E-54	0.330895	0.258	0.138	5.78E-50	NK.Tim3	CYTH4
SERF2	3.00E-54	0.310658	0.894	0.787	8.45E-50	NK.Tim3	SERF2
DDX39A	8.37E-54	0.437069	0.372	0.236	2.36E-49	NK.Tim3	DDX39A
FAM49B1	1.48E-53	0.326462	0.581	0.426	4.17E-49	NK.Tim3	FAM49B
PLAAT42	5.33E-53	0.407698	0.705	0.583	1.50E-48	NK.Tim3	PLAAT4
YPEL3	9.86E-53	0.438081	0.574	0.432	2.78E-48	NK.Tim3	YPEL3
WDR1	9.93E-53	0.467461	0.469	0.336	2.80E-48	NK.Tim3	WDR1
PSMB8	1.87E-52	0.430662	0.533	0.397	5.27E-48	NK.Tim3	PSMB8
CFLAR1	2.70E-52	0.384416	0.545	0.392	7.59E-48	NK.Tim3	CFLAR
CTDSP1	1.11E-51	0.439078	0.293	0.172	3.13E-47	NK.Tim3	CTDSP1
RAB5IF1	1.84E-51	0.478381	0.399	0.265	5.17E-47	NK.Tim3	RAB5IF
ATM2	1.03E-50	0.368893	0.453	0.307	2.91E-46	NK.Tim3	ATM
PPP3CC	1.70E-50	0.342719	0.397	0.256	4.79E-46	NK.Tim3	PPP3CC
BTN3A2	2.33E-50	0.382121	0.359	0.225	6.57E-46	NK.Tim3	BTN3A2
CISD3	2.54E-50	0.413106	0.265	0.15	7.16E-46	NK.Tim3	CISD3
TLN11	3.28E-50	0.427811	0.486	0.344	9.23E-46	NK.Tim3	TLN1
HIVEP3	5.44E-50	0.347715	0.265	0.148	1.53E-45	NK.Tim3	HIVEP3
SDF4	9.95E-50	0.437208	0.357	0.23	2.80E-45	NK.Tim3	SDF4
PAM	1.09E-49	0.282737	0.29	0.165	3.07E-45	NK.Tim3	PAM
ISG20	3.22E-49	0.341753	0.72	0.573	9.07E-45	NK.Tim3	ISG20
CYC1	5.30E-49	0.392789	0.266	0.153	1.49E-44	NK.Tim3	CYC1
XCL2	6.77E-49	0.839161	0.271	0.153	1.90E-44	NK.Tim3	XCL2
UTRN1	7.99E-49	0.29239	0.597	0.445	2.25E-44	NK.Tim3	UTRN
ZNF276	1.96E-48	0.355479	0.262	0.148	5.51E-44	NK.Tim3	ZNF276
ACTR3	2.04E-48	0.411753	0.547	0.417	5.73E-44	NK.Tim3	ACTR3
TCF251	2.34E-48	0.368509	0.561	0.424	6.58E-44	NK.Tim3	TCF25

P2RY81	4.70E-48	0.312151	0.486	0.338	1.32E-43	NK.Tim3	P2RY8
TBC1D10C1	4.82E-48	0.393154	0.54	0.402	1.36E-43	NK.Tim3	TBC1D10C
XBP11	5.10E-48	0.444078	0.488	0.354	1.43E-43	NK.Tim3	XBP1
HLA-F	7.08E-48	0.347898	0.624	0.48	1.99E-43	NK.Tim3	HLA-F
STK101	9.21E-48	0.295061	0.523	0.372	2.59E-43	NK.Tim3	STK10
CAP11	1.16E-47	0.404685	0.575	0.45	3.26E-43	NK.Tim3	CAP1
TRAPPC1	2.40E-47	0.377247	0.442	0.308	6.76E-43	NK.Tim3	TRAPPC1
JAZF11	3.32E-47	0.287751	0.326	0.198	9.34E-43	NK.Tim3	JAZF1
CDC42	8.72E-47	0.370503	0.614	0.483	2.45E-42	NK.Tim3	CDC42
IFNG1	9.32E-47	0.555035	0.262	0.149	2.62E-42	NK.Tim3	IFNG
LASP1	9.47E-47	0.37374	0.306	0.186	2.66E-42	NK.Tim3	LASP1
SLA2	2.07E-46	0.349374	0.317	0.191	5.82E-42	NK.Tim3	SLA2
PTPRA	5.29E-46	0.335773	0.331	0.204	1.49E-41	NK.Tim3	PTPRA
RNPEPL1	6.81E-46	0.398587	0.362	0.238	1.92E-41	NK.Tim3	RNPEPL1
PAXX	1.23E-45	0.395125	0.583	0.459	3.47E-41	NK.Tim3	PAXX
BZW1	3.70E-45	0.402033	0.521	0.39	1.04E-40	NK.Tim3	BZW1
TNFRSF14	7.28E-45	0.404074	0.383	0.257	2.05E-40	NK.Tim3	TNFRSF14
PRR13	7.59E-45	0.380749	0.555	0.426	2.14E-40	NK.Tim3	PRR13
SEPTIN7	7.97E-45	0.324524	0.639	0.503	2.24E-40	NK.Tim3	SEPTIN7
ADD1	9.41E-45	0.383349	0.363	0.239	2.65E-40	NK.Tim3	ADD1
NAPA	2.01E-44	0.372854	0.439	0.31	5.66E-40	NK.Tim3	NAPA
MAP2K2	1.06E-43	0.390808	0.426	0.3	2.99E-39	NK.Tim3	MAP2K2
ARHGEF11	1.83E-43	0.325715	0.649	0.517	5.15E-39	NK.Tim3	ARHGEF1
TPM3	3.18E-43	0.344527	0.692	0.574	8.94E-39	NK.Tim3	TPM3
LAMP1	4.44E-43	0.40698	0.408	0.285	1.25E-38	NK.Tim3	LAMP1
RNF166	7.94E-43	0.356458	0.353	0.232	2.23E-38	NK.Tim3	RNF166
DDOST	1.29E-42	0.389438	0.435	0.31	3.63E-38	NK.Tim3	DDOST
ARPC1B	1.73E-42	0.346521	0.659	0.539	4.88E-38	NK.Tim3	ARPC1B
PSME2	1.90E-42	0.417142	0.538	0.417	5.34E-38	NK.Tim3	PSME2
GLIPR2	5.44E-42	0.393248	0.301	0.188	1.53E-37	NK.Tim3	GLIPR2
TPI1	5.73E-42	0.354684	0.621	0.491	1.61E-37	NK.Tim3	TPI1
INPP4A1	6.97E-42	0.285054	0.374	0.245	1.96E-37	NK.Tim3	INPP4A
RALY	1.08E-41	0.321509	0.537	0.403	3.03E-37	NK.Tim3	RALY
CYFIP21	1.31E-41	0.328985	0.456	0.323	3.68E-37	NK.Tim3	CYFIP2
MAFF	1.92E-41	0.427533	0.298	0.187	5.41E-37	NK.Tim3	MAFF
RNASEK1	2.34E-41	0.334828	0.659	0.53	6.59E-37	NK.Tim3	RNASEK
CCDC88C1	2.79E-41	0.272003	0.448	0.309	7.85E-37	NK.Tim3	CCDC88C
ACTN41	4.07E-41	0.32674	0.43	0.295	1.15E-36	NK.Tim3	ACTN4
YWHAZ	3.97E-40	0.259189	0.818	0.725	1.12E-35	NK.Tim3	YWHAZ
NFATC3	5.07E-40	0.254303	0.353	0.228	1.43E-35	NK.Tim3	NFATC3
DCXR1	6.52E-40	0.363015	0.337	0.22	1.83E-35	NK.Tim3	DCXR
DGKZ	9.04E-40	0.362067	0.391	0.269	2.54E-35	NK.Tim3	DGKZ
APOL6	2.42E-39	0.279742	0.273	0.164	6.80E-35	NK.Tim3	APOL6
SCP2	4.97E-39	0.342857	0.361	0.246	1.40E-34	NK.Tim3	SCP2
KCNAB2	9.07E-39	0.30741	0.326	0.211	2.55E-34	NK.Tim3	KCNAB2
RAB8A	9.40E-39	0.349119	0.276	0.171	2.65E-34	NK.Tim3	RAB8A
RGS191	9.47E-39	0.391052	0.322	0.213	2.67E-34	NK.Tim3	RGS19

RC3H1	1.08E-38	0.299292	0.336	0.219	3.04E-34	NK.Tim3	RC3H1
CLASP11	2.47E-38	0.290657	0.299	0.187	6.94E-34	NK.Tim3	CLASP1
TAGLN22	4.72E-38	0.32478	0.623	0.494	1.33E-33	NK.Tim3	TAGLN2
PPP2R5A	7.20E-38	0.287082	0.314	0.2	2.03E-33	NK.Tim3	PPP2R5A
RBM391	8.37E-38	0.263984	0.747	0.643	2.35E-33	NK.Tim3	RBM39
PRDX5	1.89E-37	0.389451	0.39	0.276	5.31E-33	NK.Tim3	PRDX5
ARF61	2.67E-37	0.340541	0.573	0.45	7.50E-33	NK.Tim3	ARF6
GNAI2	3.48E-37	0.318714	0.67	0.556	9.80E-33	NK.Tim3	GNAI2
RBM381	5.09E-37	0.306793	0.523	0.387	1.43E-32	NK.Tim3	RBM38
RPA2	5.44E-37	0.341605	0.268	0.167	1.53E-32	NK.Tim3	RPA2
CD552	1.58E-36	0.283914	0.536	0.399	4.45E-32	NK.Tim3	CD55
PRELID1	2.45E-36	0.349132	0.389	0.276	6.88E-32	NK.Tim3	PRELID1
S1PR41	3.30E-36	0.336484	0.286	0.181	9.27E-32	NK.Tim3	S1PR4
RAB5C	6.07E-36	0.327876	0.389	0.275	1.71E-31	NK.Tim3	RAB5C
HMOX2	8.39E-36	0.311983	0.377	0.26	2.36E-31	NK.Tim3	HMOX2
RBBP4	8.95E-36	0.317537	0.367	0.255	2.52E-31	NK.Tim3	RBBP4
SUPT4H1	1.25E-35	0.383438	0.3	0.198	3.52E-31	NK.Tim3	SUPT4H1
SORL11	1.44E-35	0.286509	0.411	0.288	4.05E-31	NK.Tim3	SORL1
RAB8B1	1.54E-35	0.276011	0.38	0.263	4.35E-31	NK.Tim3	RAB8B
UBE2E3	3.11E-35	0.300522	0.25	0.152	8.74E-31	NK.Tim3	UBE2E3
DIAPH11	5.19E-35	0.278658	0.387	0.268	1.46E-30	NK.Tim3	DIAPH1
PLCL21	5.96E-35	0.265226	0.368	0.25	1.68E-30	NK.Tim3	PLCL2
APOBEC3G	1.01E-34	0.319711	0.412	0.289	2.85E-30	NK.Tim3	APOBEC3G
DECR1	1.11E-34	0.294616	0.326	0.217	3.11E-30	NK.Tim3	DECR1
GLRX1	1.28E-34	0.352744	0.283	0.183	3.60E-30	NK.Tim3	GLRX
RHOF	2.08E-34	0.343852	0.37	0.255	5.87E-30	NK.Tim3	RHOF
DCTN3	2.16E-34	0.364672	0.341	0.235	6.09E-30	NK.Tim3	DCTN3
ACAA2	2.30E-34	0.280166	0.256	0.158	6.46E-30	NK.Tim3	ACAA2
ARHGAP30	4.60E-34	0.278074	0.371	0.256	1.30E-29	NK.Tim3	ARHGAP30
NT5C	4.94E-34	0.325961	0.267	0.169	1.39E-29	NK.Tim3	NT5C
TSC22D4	4.95E-34	0.327226	0.322	0.217	1.39E-29	NK.Tim3	TSC22D4
TAP2	5.17E-34	0.305926	0.363	0.251	1.46E-29	NK.Tim3	TAP2
TBCB	1.13E-33	0.329106	0.361	0.252	3.18E-29	NK.Tim3	TBCB
TCIRG1	1.23E-33	0.348901	0.318	0.213	3.46E-29	NK.Tim3	TCIRG1
CARD16	1.44E-33	0.312069	0.36	0.249	4.04E-29	NK.Tim3	CARD16
SFT2D1	2.24E-33	0.324537	0.252	0.158	6.29E-29	NK.Tim3	SFT2D1
LINC00861	3.79E-33	0.256312	0.34	0.226	1.07E-28	NK.Tim3	LINC00861
TWF2	8.39E-33	0.346728	0.329	0.229	2.36E-28	NK.Tim3	TWF2
FKBP111	9.84E-33	0.314023	0.362	0.25	2.77E-28	NK.Tim3	FKBP11
LMAN2	1.19E-32	0.32638	0.395	0.286	3.36E-28	NK.Tim3	LMAN2
BANF1	1.20E-32	0.353045	0.326	0.224	3.38E-28	NK.Tim3	BANF1
ATP5PB	1.91E-32	0.339356	0.414	0.304	5.37E-28	NK.Tim3	ATP5PB
ETFA	2.69E-32	0.300384	0.285	0.186	7.57E-28	NK.Tim3	ETFA
ARIH2	3.85E-32	0.290311	0.319	0.215	1.08E-27	NK.Tim3	ARIH2
SH3GLB1	6.25E-32	0.31814	0.286	0.188	1.76E-27	NK.Tim3	SH3GLB1
FAM117A	7.71E-32	0.297889	0.278	0.181	2.17E-27	NK.Tim3	FAM117A
BST21	1.43E-31	0.307926	0.47	0.351	4.01E-27	NK.Tim3	BST2

TRAF3IP31	1.60E-31	0.292834	0.452	0.337	4.50E-27	NK.Tim3	TRAF3IP3
EIF5A	2.45E-31	0.346768	0.429	0.322	6.88E-27	NK.Tim3	EIF5A
AP2M1	2.92E-31	0.328961	0.364	0.26	8.23E-27	NK.Tim3	AP2M1
UHMK1	3.64E-31	0.328491	0.252	0.161	1.03E-26	NK.Tim3	UHMK1
MTPN	3.88E-31	0.305669	0.35	0.247	1.09E-26	NK.Tim3	MTPN
TAPBP	1.16E-30	0.287997	0.489	0.377	3.26E-26	NK.Tim3	TAPBP
AP2S1	1.75E-30	0.276261	0.299	0.2	4.91E-26	NK.Tim3	AP2S1
CYBC1	3.95E-30	0.295707	0.258	0.166	1.11E-25	NK.Tim3	CYBC1
FCMR1	4.90E-30	0.302928	0.467	0.351	1.38E-25	NK.Tim3	FCMR
RASSF5	5.31E-30	0.311989	0.414	0.308	1.49E-25	NK.Tim3	RASSF5
STOM	5.83E-30	0.302908	0.329	0.228	1.64E-25	NK.Tim3	STOM
POLR2L	7.49E-30	0.318465	0.475	0.369	2.11E-25	NK.Tim3	POLR2L
GNG51	8.19E-30	0.282032	0.502	0.389	2.30E-25	NK.Tim3	GNG5
LRP10	8.99E-30	0.33159	0.275	0.184	2.53E-25	NK.Tim3	LRP10
ARF1	1.03E-29	0.26879	0.618	0.507	2.89E-25	NK.Tim3	ARF1
SHISA51	1.43E-29	0.298603	0.435	0.323	4.02E-25	NK.Tim3	SHISA5
ACADVL	1.73E-29	0.299548	0.294	0.198	4.88E-25	NK.Tim3	ACADVL
PTP4A21	1.77E-29	0.273291	0.544	0.433	4.99E-25	NK.Tim3	PTP4A2
TRIR1	2.03E-29	0.277559	0.639	0.527	5.70E-25	NK.Tim3	TRIR
P4HB	2.07E-29	0.296921	0.456	0.348	5.83E-25	NK.Tim3	P4HB
CAST1	2.23E-29	0.280262	0.464	0.35	6.26E-25	NK.Tim3	CAST
CALR	3.76E-29	0.327554	0.617	0.511	1.06E-24	NK.Tim3	CALR
ZBTB7A	7.68E-29	0.302387	0.296	0.201	2.16E-24	NK.Tim3	ZBTB7A
CCDC85B	1.06E-28	0.31377	0.448	0.344	2.99E-24	NK.Tim3	CCDC85B
PSMA2	1.24E-28	0.289528	0.367	0.268	3.49E-24	NK.Tim3	PSMA2
HDAC1	1.50E-28	0.263685	0.291	0.196	4.21E-24	NK.Tim3	HDAC1
MAT2B	3.71E-28	0.300298	0.361	0.262	1.04E-23	NK.Tim3	MAT2B
LCP11	4.29E-28	0.262222	0.731	0.631	1.21E-23	NK.Tim3	LCP1
LYAR2	6.04E-28	0.294413	0.435	0.32	1.70E-23	NK.Tim3	LYAR
HNRNPK	8.10E-28	0.289143	0.648	0.552	2.28E-23	NK.Tim3	HNRNPK
CAPN2	2.10E-27	0.293903	0.339	0.24	5.90E-23	NK.Tim3	CAPN2
CSNK2B	2.45E-27	0.267929	0.474	0.374	6.88E-23	NK.Tim3	CSNK2B
DUSP21	2.50E-27	0.287283	0.821	0.733	7.04E-23	NK.Tim3	DUSP2
SQSTM11	2.60E-27	0.25873	0.526	0.418	7.31E-23	NK.Tim3	SQSTM1
FERMT3	3.04E-27	0.29381	0.341	0.246	8.55E-23	NK.Tim3	FERMT3
RAB2A1	3.19E-27	0.287769	0.439	0.338	8.99E-23	NK.Tim3	RAB2A
LNPEP1	8.15E-27	0.252603	0.364	0.263	2.29E-22	NK.Tim3	LNPEP
PHB	1.00E-26	0.306271	0.276	0.189	2.82E-22	NK.Tim3	PHB
CNOT2	1.56E-26	0.277051	0.437	0.335	4.39E-22	NK.Tim3	CNOT2
RNF167	1.98E-26	0.288145	0.363	0.265	5.57E-22	NK.Tim3	RNF167
LAMTOR11	2.88E-26	0.277868	0.323	0.229	8.09E-22	NK.Tim3	LAMTOR1
VAMP21	2.92E-26	0.251731	0.6	0.493	8.22E-22	NK.Tim3	VAMP2
PSMA4	3.17E-26	0.26901	0.26	0.174	8.93E-22	NK.Tim3	PSMA4
NDUFV1	3.97E-26	0.298156	0.343	0.249	1.12E-21	NK.Tim3	NDUFV1
PRKACB1	6.57E-26	0.28103	0.345	0.25	1.85E-21	NK.Tim3	PRKACB
TPM4	7.86E-26	0.339809	0.324	0.234	2.21E-21	NK.Tim3	TPM4
COPZ1	9.35E-26	0.294045	0.251	0.168	2.63E-21	NK.Tim3	COPZ1

C17orf49	1.05E-25	0.313681	0.278	0.192	2.96E-21	NK.Tim3	C17orf49
VAMP81	1.55E-25	0.250375	0.482	0.38	4.37E-21	NK.Tim3	VAMP8
IMP3	2.56E-25	0.296257	0.271	0.186	7.22E-21	NK.Tim3	IMP3
UBE2M	2.69E-25	0.301916	0.28	0.194	7.56E-21	NK.Tim3	UBE2M
OTUB1	1.28E-24	0.261813	0.363	0.271	3.61E-20	NK.Tim3	OTUB1
SELL1	2.45E-24	0.271626	0.271	0.183	6.89E-20	NK.Tim3	SELL
SSNA1	6.71E-24	0.252646	0.303	0.216	1.89E-19	NK.Tim3	SSNA1
MRPL101	7.24E-24	0.286649	0.271	0.187	2.04E-19	NK.Tim3	MRPL10
SIGIRR	7.89E-24	0.294105	0.379	0.288	2.22E-19	NK.Tim3	SIGIRR
PPP4C	7.91E-24	0.280002	0.32	0.233	2.23E-19	NK.Tim3	PPP4C
SRSF9	8.86E-24	0.285167	0.454	0.364	2.49E-19	NK.Tim3	SRSF9
MAP1LC3B	1.06E-23	0.277719	0.49	0.389	2.99E-19	NK.Tim3	MAP1LC3B
PSMB1	1.20E-23	0.267217	0.465	0.37	3.37E-19	NK.Tim3	PSMB1
ID21	1.60E-23	0.276171	0.648	0.548	4.50E-19	NK.Tim3	ID2
TAF10	3.27E-23	0.280415	0.501	0.416	9.21E-19	NK.Tim3	TAF10
SERINC3	5.43E-23	0.25571	0.318	0.23	1.53E-18	NK.Tim3	SERINC3
SLC25A51	1.33E-22	0.27093	0.555	0.457	3.73E-18	NK.Tim3	SLC25A5
COPE	1.38E-22	0.250031	0.479	0.382	3.88E-18	NK.Tim3	COPE
HNRNPF	1.72E-22	0.26549	0.492	0.406	4.85E-18	NK.Tim3	HNRNPF
CRY1	1.79E-22	0.265432	0.25	0.172	5.05E-18	NK.Tim3	CRY1
MAZ	2.93E-22	0.264588	0.331	0.244	8.24E-18	NK.Tim3	MAZ
UFC1	7.73E-22	0.283593	0.394	0.309	2.17E-17	NK.Tim3	UFC1
BLOC1S1	1.13E-21	0.274167	0.375	0.288	3.18E-17	NK.Tim3	BLOC1S1
MLLT6	1.56E-21	0.250704	0.254	0.176	4.39E-17	NK.Tim3	MLLT6
MYLIP	2.42E-21	0.298537	0.386	0.297	6.82E-17	NK.Tim3	MYLIP
ECH1	2.68E-21	0.254983	0.398	0.309	7.55E-17	NK.Tim3	ECH1
RNF181	2.85E-21	0.251562	0.264	0.186	8.02E-17	NK.Tim3	RNF181
NUCB1	2.04E-20	0.281428	0.321	0.24	5.74E-16	NK.Tim3	NUCB1
MOB1A	5.00E-20	0.253429	0.337	0.256	1.41E-15	NK.Tim3	MOB1A
TMED9	1.84E-19	0.252575	0.334	0.253	5.18E-15	NK.Tim3	TMED9
PPP2R1A	1.10E-18	0.266025	0.351	0.272	3.10E-14	NK.Tim3	PPP2R1A
UBE2V1	1.43E-18	0.259174	0.377	0.297	4.01E-14	NK.Tim3	UBE2V1
DNAJC8	7.29E-18	0.255867	0.324	0.247	2.05E-13	NK.Tim3	DNAJC8
TMEM179E	3.08E-16	0.250893	0.258	0.191	8.67E-12	NK.Tim3	TMEM179B
NEU11	9.04E-16	0.262089	0.27	0.202	2.54E-11	NK.Tim3	NEU1
DDIT3	1.59E-13	0.268025	0.263	0.202	4.46E-09	NK.Tim3	DDIT3
AREG2	0	2.977898	0.724	0.208	0	NK.XCL1/2	AREG
IGFBP2	0	2.347116	0.46	0.055	0	NK.XCL1/2	IGFBP2
XCL21	0	2.21239	0.516	0.143	0	NK.XCL1/2	XCL2
KRT86	0	2.063174	0.407	0.033	0	NK.XCL1/2	KRT86
KLRC1	0	2.038953	0.517	0.092	0	NK.XCL1/2	KLRC1
XCL12	0	1.994706	0.554	0.179	0	NK.XCL1/2	XCL1
MCTP21	0	1.876846	0.557	0.156	0	NK.XCL1/2	MCTP2
TYROBP2	0	1.747508	0.782	0.289	0	NK.XCL1/2	TYROBP
KLRD11	0	1.701738	0.758	0.263	0	NK.XCL1/2	KLRD1
TXK2	0	1.698287	0.536	0.144	0	NK.XCL1/2	TXK
NCAM1	0	1.647853	0.325	0.02	0	NK.XCL1/2	NCAM1

CD72	0	1.607705	0.797	0.507	0	NK.XCL1/2	CD7
KRT81	0	1.48513	0.282	0.008	0	NK.XCL1/2	KRT81
KLRC21	0	1.483056	0.389	0.078	0	NK.XCL1/2	KLRC2
TMIGD2	0	1.413983	0.388	0.068	0	NK.XCL1/2	TMIGD2
TRDC	0	1.333221	0.32	0.043	0	NK.XCL1/2	TRDC
SH2D1B1	0	1.317306	0.31	0.031	0	NK.XCL1/2	SH2D1B
KIR2DL4	0	1.309062	0.266	0.017	0	NK.XCL1/2	KIR2DL4
FCER1G2	0	1.275426	0.554	0.167	0	NK.XCL1/2	FCER1G
SPRY2	0	1.228229	0.284	0.052	0	NK.XCL1/2	SPRY2
KLRF11	0	1.198483	0.308	0.043	0	NK.XCL1/2	KLRF1
CLIC31	1.00E-294	1.558832	0.529	0.187	2.82E-290	NK.XCL1/2	CLIC3
CMC11	4.16E-261	1.748746	0.509	0.202	1.17E-256	NK.XCL1/2	CMC1
IL2RB1	4.81E-257	1.352937	0.564	0.239	1.35E-252	NK.XCL1/2	IL2RB
NKG72	5.14E-254	1.15122	0.828	0.517	1.45E-249	NK.XCL1/2	NKG7
CTSW2	3.30E-252	1.310083	0.773	0.493	9.28E-248	NK.XCL1/2	CTSW
ATP8B41	6.11E-252	1.22646	0.291	0.067	1.72E-247	NK.XCL1/2	ATP8B4
PLCG21	7.14E-232	1.178722	0.345	0.097	2.01E-227	NK.XCL1/2	PLCG2
GNLY1	8.42E-228	1.860373	0.548	0.223	2.37E-223	NK.XCL1/2	GNLY
AOAH2	3.61E-185	1.20516	0.691	0.39	1.01E-180	NK.XCL1/2	AOAH
SYK1	5.26E-181	0.971436	0.258	0.069	1.48E-176	NK.XCL1/2	SYK
CD381	1.97E-171	1.145635	0.378	0.14	5.54E-167	NK.XCL1/2	CD38
MAFF1	2.23E-171	1.228726	0.431	0.182	6.28E-167	NK.XCL1/2	MAFF
GFOD11	3.95E-158	1.084082	0.339	0.119	1.11E-153	NK.XCL1/2	GFOD1
MAPK12	3.13E-155	1.11449	0.563	0.307	8.79E-151	NK.XCL1/2	MAPK1
MAP3K82	5.64E-154	1.172068	0.582	0.326	1.59E-149	NK.XCL1/2	MAP3K8
MATK1	5.58E-148	1.068704	0.502	0.257	1.57E-143	NK.XCL1/2	MATK
KLRB12	3.71E-134	0.823131	0.636	0.346	1.04E-129	NK.XCL1/2	KLRB1
C1orf211	4.60E-131	1.011026	0.256	0.083	1.29E-126	NK.XCL1/2	C1orf21
KLRK12	1.68E-116	0.846785	0.592	0.35	4.74E-112	NK.XCL1/2	KLRK1
HIP1	1.24E-115	0.895878	0.251	0.086	3.48E-111	NK.XCL1/2	HIP1
METRNL2	1.56E-113	0.969288	0.429	0.212	4.39E-109	NK.XCL1/2	METRNL
ZBTB161	3.53E-111	1.189679	0.434	0.221	9.92E-107	NK.XCL1/2	ZBTB16
LYN2	1.33E-109	0.890015	0.319	0.131	3.74E-105	NK.XCL1/2	LYN
HIPK21	2.88E-109	1.135434	0.298	0.12	8.10E-105	NK.XCL1/2	HIPK2
CD2472	2.74E-103	0.948436	0.722	0.556	7.71E-99	NK.XCL1/2	CD247
RIN32	6.73E-101	1.043488	0.355	0.167	1.89E-96	NK.XCL1/2	RIN3
PRF11	9.79E-92	0.684874	0.566	0.344	2.75E-87	NK.XCL1/2	PRF1
YES11	8.78E-88	0.93831	0.314	0.143	2.47E-83	NK.XCL1/2	YES1
IFITM22	5.53E-87	0.876571	0.712	0.631	1.55E-82	NK.XCL1/2	IFITM2
ITM2C1	2.35E-86	1.579311	0.426	0.262	6.62E-82	NK.XCL1/2	ITM2C
APBA21	6.09E-86	0.976947	0.364	0.183	1.71E-81	NK.XCL1/2	APBA2
HSH2D1	7.53E-85	0.792011	0.278	0.12	2.12E-80	NK.XCL1/2	HSH2D
GSTP11	3.57E-84	0.928949	0.54	0.372	1.00E-79	NK.XCL1/2	GSTP1
CLDND1	2.26E-80	0.837741	0.417	0.239	6.35E-76	NK.XCL1/2	CLDND1
ITGAE	1.16E-77	0.942597	0.353	0.189	3.27E-73	NK.XCL1/2	ITGAE
EPAS1	5.36E-77	0.87689	0.281	0.128	1.51E-72	NK.XCL1/2	EPAS1
PTGDR1	6.78E-76	0.705369	0.32	0.153	1.91E-71	NK.XCL1/2	PTGDR

HOPX1	7.24E-73	0.839036	0.454	0.281	2.04E-68	NK.XCL1/2	HOPX
FOSL22	1.78E-71	0.832856	0.474	0.305	5.00E-67	NK.XCL1/2	FOSL2
IFITM13	4.68E-71	0.692534	0.803	0.778	1.32E-66	NK.XCL1/2	IFITM1
CD632	2.31E-69	0.744702	0.46	0.289	6.49E-65	NK.XCL1/2	CD63
ARHGAP91	6.35E-65	0.728449	0.543	0.394	1.79E-60	NK.XCL1/2	ARHGAP9
DUSP22	4.35E-61	0.671174	0.78	0.736	1.22E-56	NK.XCL1/2	DUSP2
NR4A22	1.26E-57	0.787582	0.729	0.658	3.53E-53	NK.XCL1/2	NR4A2
RASA21	1.40E-55	0.773405	0.55	0.406	3.93E-51	NK.XCL1/2	RASA2
VAV33	1.57E-54	0.873415	0.364	0.215	4.43E-50	NK.XCL1/2	VAV3
TCIRG11	1.91E-54	0.693527	0.355	0.213	5.39E-50	NK.XCL1/2	TCIRG1
SRGN1	6.16E-54	0.543881	0.88	0.867	1.73E-49	NK.XCL1/2	SRGN
VPS37B1	2.70E-53	0.835357	0.503	0.363	7.58E-49	NK.XCL1/2	VPS37B
GRASP2	3.10E-53	0.774716	0.256	0.13	8.73E-49	NK.XCL1/2	GRASP
CLASP12	3.44E-52	0.786967	0.325	0.187	9.68E-48	NK.XCL1/2	CLASP1
ABCB1	2.59E-50	0.65791	0.275	0.148	7.30E-46	NK.XCL1/2	ABCB1
GNPTAB1	8.62E-50	0.756729	0.348	0.211	2.42E-45	NK.XCL1/2	GNPTAB
UBASH3B	4.63E-49	0.910621	0.266	0.142	1.30E-44	NK.XCL1/2	UBASH3B
CNOT21	8.77E-48	0.809718	0.466	0.336	2.47E-43	NK.XCL1/2	CNOT2
ERGIC11	2.20E-47	0.609696	0.273	0.151	6.19E-43	NK.XCL1/2	ERGIC1
CCL43	3.30E-44	0.593087	0.806	0.706	9.29E-40	NK.XCL1/2	CCL4
IFITM32	1.47E-43	0.608649	0.36	0.225	4.13E-39	NK.XCL1/2	IFITM3
CEBPD2	1.84E-43	0.511827	0.464	0.311	5.18E-39	NK.XCL1/2	CEBPD
CEMIP21	5.25E-43	0.666589	0.649	0.554	1.48E-38	NK.XCL1/2	CEMIP2
AUTS21	9.27E-42	0.69993	0.537	0.416	2.61E-37	NK.XCL1/2	AUTS2
SLA21	4.80E-40	0.658981	0.315	0.193	1.35E-35	NK.XCL1/2	SLA2
PLCB1	7.24E-39	0.780709	0.252	0.142	2.04E-34	NK.XCL1/2	PLCB1
REL2	1.23E-38	0.63247	0.577	0.468	3.45E-34	NK.XCL1/2	REL
ZEB23	9.16E-38	0.707565	0.434	0.304	2.58E-33	NK.XCL1/2	ZEB2
PLCL22	2.42E-37	0.686147	0.37	0.252	6.80E-33	NK.XCL1/2	PLCL2
PIK3R11	3.05E-36	0.629206	0.6	0.501	8.58E-32	NK.XCL1/2	PIK3R1
TGFB12	4.91E-35	0.517741	0.694	0.624	1.38E-30	NK.XCL1/2	TGFB1
TBCD	1.15E-34	0.602293	0.325	0.214	3.22E-30	NK.XCL1/2	TBCD
RASSF11	1.45E-34	0.512104	0.345	0.23	4.08E-30	NK.XCL1/2	RASSF1
CST72	2.14E-33	0.351	0.715	0.588	6.02E-29	NK.XCL1/2	CST7
TOX1	3.33E-33	0.377702	0.427	0.299	9.37E-29	NK.XCL1/2	TOX
SYTL31	8.24E-33	0.46558	0.704	0.63	2.32E-28	NK.XCL1/2	SYTL3
IER22	3.50E-32	0.465798	0.742	0.693	9.86E-28	NK.XCL1/2	IER2
IFRD11	1.96E-30	0.699379	0.453	0.362	5.51E-26	NK.XCL1/2	IFRD1
GZMB1	1.10E-29	0.376004	0.287	0.171	3.10E-25	NK.XCL1/2	GZMB
PHYKPL	1.43E-29	0.55411	0.308	0.208	4.02E-25	NK.XCL1/2	PHYKPL
CHST121	6.05E-29	0.503939	0.348	0.24	1.70E-24	NK.XCL1/2	CHST12
CTSD2	2.13E-28	0.481241	0.541	0.456	6.00E-24	NK.XCL1/2	CTSD
CCND2	2.17E-27	0.510968	0.295	0.198	6.10E-23	NK.XCL1/2	CCND2
NCALD1	8.12E-27	0.805241	0.268	0.175	2.29E-22	NK.XCL1/2	NCALD
APOBEC3G	2.81E-26	0.506402	0.393	0.292	7.91E-22	NK.XCL1/2	APOBEC3G
LITAF1	4.42E-26	0.498954	0.584	0.515	1.24E-21	NK.XCL1/2	LITAF
TIPARP1	1.36E-25	0.602638	0.353	0.26	3.82E-21	NK.XCL1/2	TIPARP

NR4A11	6.78E-25	0.370387	0.384	0.275	1.91E-20	NK.XCL1/2	NR4A1
UBB2	1.73E-24	0.416978	0.722	0.691	4.87E-20	NK.XCL1/2	UBB
DDIT41	1.77E-24	0.529928	0.702	0.685	4.99E-20	NK.XCL1/2	DDIT4
JAK12	1.83E-24	0.445059	0.647	0.593	5.16E-20	NK.XCL1/2	JAK1
PLEKHA21	2.30E-24	0.581789	0.355	0.259	6.47E-20	NK.XCL1/2	PLEKHA2
GLIPR21	6.96E-24	0.424331	0.28	0.191	1.96E-19	NK.XCL1/2	GLIPR2
BST22	1.36E-23	0.457898	0.442	0.354	3.82E-19	NK.XCL1/2	BST2
RALGAPA11	2.15E-23	0.530368	0.421	0.335	6.06E-19	NK.XCL1/2	RALGAPA1
RANBP21	2.31E-23	0.593386	0.498	0.42	6.49E-19	NK.XCL1/2	RANBP2
GPATCH82	3.36E-23	0.606951	0.353	0.263	9.45E-19	NK.XCL1/2	GPATCH8
RAB8B2	6.70E-23	0.585798	0.354	0.266	1.89E-18	NK.XCL1/2	RAB8B
TPST21	8.02E-23	0.464914	0.273	0.186	2.26E-18	NK.XCL1/2	TPST2
SFMBT22	2.03E-22	0.523187	0.393	0.298	5.72E-18	NK.XCL1/2	SFMBT2
APMAP2	1.32E-21	0.453673	0.396	0.306	3.73E-17	NK.XCL1/2	APMAP
ZFP362	3.36E-21	0.397888	0.856	0.879	9.44E-17	NK.XCL1/2	ZFP36
RBM382	1.63E-20	0.495369	0.465	0.392	4.60E-16	NK.XCL1/2	RBM38
ADGRE52	4.21E-20	0.43009	0.579	0.519	1.19E-15	NK.XCL1/2	ADGRE5
JUND1	5.08E-20	0.482173	0.791	0.813	1.43E-15	NK.XCL1/2	JUND
NFKB12	1.27E-19	0.489469	0.49	0.408	3.58E-15	NK.XCL1/2	NFKB1
PRKX1	2.38E-19	0.532374	0.308	0.227	6.68E-15	NK.XCL1/2	PRKX
PTPN221	3.39E-19	0.43127	0.44	0.359	9.54E-15	NK.XCL1/2	PTPN22
EIF3G1	1.12E-18	0.503419	0.547	0.521	3.15E-14	NK.XCL1/2	EIF3G
AGO21	3.31E-18	0.475542	0.332	0.254	9.32E-14	NK.XCL1/2	AGO2
XAF1	8.87E-18	0.501313	0.296	0.219	2.50E-13	NK.XCL1/2	XAF1
IRF7	1.47E-17	0.450237	0.281	0.206	4.15E-13	NK.XCL1/2	IRF7
ZNF3311	3.40E-17	0.40039	0.665	0.62	9.56E-13	NK.XCL1/2	ZNF331
SCML41	3.45E-17	0.454448	0.46	0.391	9.70E-13	NK.XCL1/2	SCML4
TPI11	6.51E-17	0.393394	0.547	0.497	1.83E-12	NK.XCL1/2	TPI1
PDE7A1	6.90E-17	0.400012	0.493	0.426	1.94E-12	NK.XCL1/2	PDE7A
GADD45B1	2.06E-16	0.413728	0.647	0.594	5.78E-12	NK.XCL1/2	GADD45B
UTRN2	8.37E-16	0.54731	0.509	0.452	2.35E-11	NK.XCL1/2	UTRN
HMG32	1.36E-15	0.376885	0.314	0.244	3.83E-11	NK.XCL1/2	HMG3
PITPNC11	1.78E-15	0.47329	0.574	0.521	5.01E-11	NK.XCL1/2	PITPNC1
NCL	2.45E-15	0.30677	0.638	0.61	6.91E-11	NK.XCL1/2	NCL
ALOX5AP1	3.25E-15	0.402426	0.451	0.383	9.13E-11	NK.XCL1/2	ALOX5AP
RBM392	3.89E-15	0.358776	0.676	0.648	1.10E-10	NK.XCL1/2	RBM39
ELL22	6.60E-15	0.405524	0.487	0.415	1.86E-10	NK.XCL1/2	ELL2
NR4A32	6.67E-15	0.519994	0.38	0.309	1.88E-10	NK.XCL1/2	NR4A3
FAM49B2	1.21E-14	0.458047	0.492	0.433	3.41E-10	NK.XCL1/2	FAM49B
CMIP1	2.26E-14	0.610153	0.316	0.25	6.35E-10	NK.XCL1/2	CMIP
PIP4K2A1	3.03E-14	0.424266	0.587	0.534	8.51E-10	NK.XCL1/2	PIP4K2A
PREX11	3.45E-14	0.511944	0.469	0.415	9.71E-10	NK.XCL1/2	PREX1
ACTN42	3.68E-14	0.41258	0.367	0.301	1.03E-09	NK.XCL1/2	ACTN4
JARID21	9.02E-14	0.463697	0.315	0.249	2.54E-09	NK.XCL1/2	JARID2
MBP2	9.99E-14	0.435596	0.438	0.376	2.81E-09	NK.XCL1/2	MBP
EVL	1.18E-13	0.278472	0.708	0.703	3.32E-09	NK.XCL1/2	EVL
FAM177A1	1.39E-13	0.452711	0.465	0.418	3.90E-09	NK.XCL1/2	FAM177A1

PRDX51	4.55E-13	0.345607	0.343	0.28	1.28E-08	NK.XCL1/2	PRDX5
SOCS1	4.99E-13	0.385425	0.475	0.426	1.40E-08	NK.XCL1/2	SOCS1
HELZ1	5.12E-13	0.456853	0.314	0.251	1.44E-08	NK.XCL1/2	HELZ
DOK21	6.17E-13	0.375119	0.31	0.247	1.74E-08	NK.XCL1/2	DOK2
CDK171	1.03E-12	0.457366	0.46	0.401	2.90E-08	NK.XCL1/2	CDK17
SQSTM12	1.22E-12	0.404517	0.479	0.422	3.42E-08	NK.XCL1/2	SQSTM1
ADD11	1.47E-12	0.43626	0.303	0.244	4.13E-08	NK.XCL1/2	ADD1
SLC38A11	1.60E-12	0.413022	0.523	0.474	4.51E-08	NK.XCL1/2	SLC38A1
H2AFX1	1.85E-12	0.421148	0.359	0.3	5.20E-08	NK.XCL1/2	H2AFX
LSP12	2.99E-12	0.2761	0.632	0.618	8.41E-08	NK.XCL1/2	LSP1
FYN1	3.47E-12	0.260675	0.785	0.762	9.77E-08	NK.XCL1/2	FYN
SKIL1	5.99E-12	0.406359	0.397	0.341	1.69E-07	NK.XCL1/2	SKIL
LCP12	1.26E-11	0.322523	0.647	0.637	3.53E-07	NK.XCL1/2	LCP1
CD961	1.26E-11	0.316757	0.628	0.591	3.55E-07	NK.XCL1/2	CD96
SRSF21	1.39E-11	0.389992	0.583	0.569	3.91E-07	NK.XCL1/2	SRSF2
GABARAPL	1.81E-11	0.355083	0.303	0.243	5.08E-07	NK.XCL1/2	GABARAPL1
DDX171	1.85E-11	0.334846	0.47	0.419	5.21E-07	NK.XCL1/2	DDX17
STK17A1	2.14E-11	0.265656	0.641	0.621	6.01E-07	NK.XCL1/2	STK17A
MAT2A1	3.43E-11	0.400312	0.339	0.284	9.66E-07	NK.XCL1/2	MAT2A
SLA1	3.75E-11	0.450957	0.456	0.412	1.05E-06	NK.XCL1/2	SLA
HSPA51	6.79E-11	0.402364	0.597	0.579	1.91E-06	NK.XCL1/2	HSPA5
SMYD31	9.20E-11	0.412609	0.301	0.244	2.59E-06	NK.XCL1/2	SMYD3
SMARCA21	9.46E-11	0.388767	0.416	0.37	2.66E-06	NK.XCL1/2	SMARCA2
CDC42SE11	1.09E-10	0.31919	0.414	0.363	3.08E-06	NK.XCL1/2	CDC42SE1
LY6E2	1.21E-10	0.338349	0.579	0.555	3.40E-06	NK.XCL1/2	LY6E
MACF11	1.33E-10	0.409425	0.488	0.45	3.75E-06	NK.XCL1/2	MACF1
TRAPPC102	1.42E-10	0.391009	0.325	0.271	3.99E-06	NK.XCL1/2	TRAPPC10
SNTB2	1.47E-10	0.285701	0.26	0.2	4.12E-06	NK.XCL1/2	SNTB2
CBLB1	2.89E-10	0.302497	0.63	0.593	8.13E-06	NK.XCL1/2	CBLB
SEPTIN71	3.57E-10	0.289314	0.548	0.51	1.00E-05	NK.XCL1/2	SEPTIN7
MT-ND41	3.59E-10	0.30303	0.802	0.808	1.01E-05	NK.XCL1/2	MT-ND4
UBE2S1	4.00E-10	0.407802	0.498	0.467	1.12E-05	NK.XCL1/2	UBE2S
PPM1B	9.73E-10	0.379408	0.28	0.228	2.74E-05	NK.XCL1/2	PPM1B
AKNA2	1.17E-09	0.394754	0.531	0.496	3.28E-05	NK.XCL1/2	AKNA
CFLAR2	1.21E-09	0.32441	0.444	0.4	3.39E-05	NK.XCL1/2	CFLAR
KAT6B	1.61E-09	0.297408	0.275	0.221	4.54E-05	NK.XCL1/2	KAT6B
CARD112	2.02E-09	0.71961	0.295	0.249	5.69E-05	NK.XCL1/2	CARD11
GLCC111	2.11E-09	0.298716	0.373	0.315	5.92E-05	NK.XCL1/2	GLCC1
PYHIN12	7.13E-09	0.417838	0.33	0.28	0.000201	NK.XCL1/2	PYHIN1
BPTF1	8.08E-09	0.340513	0.426	0.386	0.000227	NK.XCL1/2	BPTF
PRKCH1	1.93E-08	0.373158	0.673	0.661	0.000544	NK.XCL1/2	PRKCH
NDUFS8	4.60E-08	0.307039	0.284	0.239	0.001295	NK.XCL1/2	NDUFS8
PGK1	7.63E-08	0.336953	0.551	0.542	0.002146	NK.XCL1/2	PGK1
BZW11	1.25E-07	0.287957	0.423	0.398	0.003512	NK.XCL1/2	BZW1
RHOC1	1.59E-07	0.262853	0.322	0.275	0.004475	NK.XCL1/2	RHOC
GPR652	1.75E-07	0.358635	0.284	0.244	0.004918	NK.XCL1/2	GPR65
BRD21	2.53E-07	0.306273	0.556	0.539	0.007119	NK.XCL1/2	BRD2

MX11	2.61E-07	0.352708	0.275	0.234	0.007342	NK.XCL1/2	MX1
PRKACB2	2.86E-07	0.286485	0.299	0.254	0.008038	NK.XCL1/2	PRKACB
HSP90AB1:	2.86E-07	0.320021	0.726	0.728	0.00806	NK.XCL1/2	HSP90AB1
PSTPIP1	3.32E-07	0.29269	0.253	0.211	0.009345	NK.XCL1/2	PSTPIP1
RAP1GDS1	4.87E-07	0.261256	0.291	0.243	0.013703	NK.XCL1/2	RAP1GDS1
NDUFV11	6.59E-07	0.269617	0.296	0.253	0.01855	NK.XCL1/2	NDUFV1
SERTAD11	7.47E-07	0.321843	0.393	0.359	0.021021	NK.XCL1/2	SERTAD1
CASK1	7.60E-07	0.289872	0.314	0.268	0.02138	NK.XCL1/2	CASK
ATP8A11	7.87E-07	0.262436	0.326	0.279	0.022143	NK.XCL1/2	ATP8A1
IFI161	9.06E-07	0.318391	0.42	0.395	0.025486	NK.XCL1/2	IFI16
MTRNR2L1	9.08E-07	0.291113	0.59	0.537	0.02555	NK.XCL1/2	MTRNR2L12
GRK2	9.82E-07	0.297236	0.332	0.295	0.027622	NK.XCL1/2	GRK2
BRAF1	1.39E-06	0.337101	0.265	0.227	0.039083	NK.XCL1/2	BRAF
MIDN1	1.40E-06	0.299061	0.309	0.272	0.039392	NK.XCL1/2	MIDN
BIN21	3.09E-06	0.268184	0.421	0.389	0.08698	NK.XCL1/2	BIN2
SYNE12	3.37E-06	0.532822	0.33	0.302	0.094734	NK.XCL1/2	SYNE1
IRF11	3.76E-06	0.297858	0.464	0.438	0.105878	NK.XCL1/2	IRF1
PTK2B1	4.30E-06	0.30441	0.296	0.259	0.12103	NK.XCL1/2	PTK2B
DDX3X	5.57E-06	0.300794	0.466	0.442	0.156807	NK.XCL1/2	DDX3X
RC3H11	5.75E-06	0.31429	0.261	0.225	0.161902	NK.XCL1/2	RC3H1
CD553	7.95E-06	0.343872	0.429	0.407	0.223687	NK.XCL1/2	CD55
RFTN11	8.38E-06	0.306247	0.309	0.272	0.235719	NK.XCL1/2	RFTN1
OSTF11	1.08E-05	0.250312	0.381	0.359	0.30296	NK.XCL1/2	OSTF1
DNAJA1	1.12E-05	0.322411	0.561	0.559	0.31442	NK.XCL1/2	DNAJA1
INPP5D1	1.17E-05	0.362413	0.417	0.391	0.329046	NK.XCL1/2	INPP5D
PPP3CA1	1.23E-05	0.355539	0.267	0.232	0.34477	NK.XCL1/2	PPP3CA
RNF1251	2.10E-05	0.255637	0.46	0.435	0.591143	NK.XCL1/2	RNF125
CTNNB11	2.27E-05	0.254816	0.291	0.255	0.639934	NK.XCL1/2	CTNNB1
YPEL52	2.52E-05	0.292287	0.525	0.522	0.710262	NK.XCL1/2	YPEL5
C5orf562	4.29E-05	0.314806	0.272	0.241	1	NK.XCL1/2	C5orf56
DNM2	6.04E-05	0.325876	0.318	0.291	1	NK.XCL1/2	DNM2
STAT41	8.16E-05	0.276343	0.537	0.526	1	NK.XCL1/2	STAT4
SIPA11	8.34E-05	0.252324	0.272	0.244	1	NK.XCL1/2	SIPA1
SSH2	8.36E-05	0.421541	0.429	0.411	1	NK.XCL1/2	SSH2
IQGAP22	8.41E-05	0.304256	0.477	0.458	1	NK.XCL1/2	IQGAP2
TSPAN51	0.000143	0.259022	0.267	0.234	1	NK.XCL1/2	TSPAN5
DIP2A2	0.000144	0.364405	0.307	0.281	1	NK.XCL1/2	DIP2A
SKI1	0.000173	0.304931	0.261	0.231	1	NK.XCL1/2	SKI
ATP1B31	0.000196	0.37694	0.434	0.419	1	NK.XCL1/2	ATP1B3
RABGAP1L:	0.000234	0.31536	0.524	0.513	1	NK.XCL1/2	RABGAP1L
DNAJB61	0.000262	0.332858	0.418	0.409	1	NK.XCL1/2	DNAJB6
KLF132	0.000269	0.307285	0.37	0.352	1	NK.XCL1/2	KLF13
LPP1	0.000336	0.320951	0.362	0.341	1	NK.XCL1/2	LPP
SYAP1	0.000358	0.276205	0.327	0.302	1	NK.XCL1/2	SYAP1
CCL52	0.000363	0.33263	0.696	0.734	1	NK.XCL1/2	CCL5
CDK13	0.000641	0.283212	0.27	0.246	1	NK.XCL1/2	CDK13
TNRC6B1	0.000693	0.350635	0.38	0.366	1	NK.XCL1/2	TNRC6B

LDHA1	0.00071	0.31005	0.526	0.544	1	NK.XCL1/2	LDHA
RASGEF1B1	0.000807	0.379164	0.285	0.261	1	NK.XCL1/2	RASGEF1B
CALR1	0.000977	0.256683	0.512	0.517	1	NK.XCL1/2	CALR
FGD3	0.001	0.255653	0.265	0.241	1	NK.XCL1/2	FGD3
ARF4	0.001081	0.267384	0.342	0.326	1	NK.XCL1/2	ARF4
H2AFZ1	0.001297	0.270572	0.474	0.47	1	NK.XCL1/2	H2AFZ
MAPRE21	0.003009	0.316638	0.363	0.346	1	NK.XCL1/2	MAPRE2
CCND32	0.003509	0.26079	0.627	0.641	1	NK.XCL1/2	CCND3
ATP11B1	0.004095	0.280071	0.263	0.242	1	NK.XCL1/2	ATP11B
VPS13B1	0.005728	0.289892	0.263	0.246	1	NK.XCL1/2	VPS13B
HSPE11	0.008334	0.430581	0.437	0.444	1	NK.XCL1/2	HSPE1
RNF115	0.008997	0.25825	0.271	0.256	1	NK.XCL1/2	RNF115
TRDV2	0	3.362272	0.874	0.012	0	gdT	TRDV2
TRGV9	0	2.591139	0.837	0.058	0	gdT	TRGV9
KLRC11	0	1.658873	0.625	0.089	0	gdT	KLRC1
TRDC1	0	1.416262	0.47	0.037	0	gdT	TRDC
KLRB13	0	1.4128	0.845	0.338	0	gdT	KLRB1
KLRG1	0	1.260514	0.735	0.215	0	gdT	KLRG1
KLRD12	0	1.242391	0.817	0.263	0	gdT	KLRD1
NKG73	0	1.148202	0.959	0.513	0	gdT	NKG7
IGFBP21	0	1.145998	0.356	0.062	0	gdT	IGFBP2
HOPX2	0	1.080082	0.718	0.27	0	gdT	HOPX
CD160	0	0.945031	0.308	0.044	0	gdT	CD160
ZBTB162	0	0.887353	0.643	0.212	0	gdT	ZBTB16
IL12RB2	0	0.804624	0.352	0.071	0	gdT	IL12RB2
NCR31	3.19E-262	0.763815	0.366	0.087	8.97E-258	gdT	NCR3
CTSW3	1.57E-245	0.863987	0.907	0.488	4.41E-241	gdT	CTSW
CST73	9.61E-227	0.825691	0.937	0.579	2.70E-222	gdT	CST7
DUSP23	2.08E-225	0.998662	0.942	0.729	5.86E-221	gdT	DUSP2
HPGD	5.09E-223	0.60616	0.261	0.054	1.43E-218	gdT	HPGD
GZMA3	2.90E-177	0.741673	0.908	0.544	8.17E-173	gdT	GZMA
MATK2	5.13E-172	0.692634	0.595	0.254	1.44E-167	gdT	MATK
CCL53	8.98E-171	0.644821	0.991	0.721	2.53E-166	gdT	CCL5
IL322	9.20E-168	0.708547	0.967	0.756	2.59E-163	gdT	IL32
GZMM2	1.22E-160	0.640892	0.747	0.382	3.43E-156	gdT	GZMM
KLRK13	1.15E-155	0.667581	0.716	0.346	3.25E-151	gdT	KLRK1
XCL13	1.92E-154	1.060754	0.458	0.185	5.41E-150	gdT	XCL1
TRBC11	5.59E-154	0.738063	0.647	0.313	1.57E-149	gdT	TRBC1
TRAC	2.00E-143	0.616148	0.493	0.205	5.62E-139	gdT	TRAC
GZMK2	1.12E-142	0.743831	0.786	0.444	3.16E-138	gdT	GZMK
LINC01871	1.40E-142	0.633725	0.471	0.188	3.93E-138	gdT	LINC01871
TBX211	4.44E-137	0.600482	0.507	0.216	1.25E-132	gdT	TBX21
RPL411	2.97E-136	0.642419	0.983	0.89	8.34E-132	gdT	RPL41
LAG31	1.47E-132	0.567671	0.409	0.157	4.14E-128	gdT	LAG3
PRF12	8.19E-132	0.48194	0.682	0.34	2.31E-127	gdT	PRF1
CCL44	1.82E-130	0.788313	0.927	0.701	5.12E-126	gdT	CCL4
B3GNT2	1.54E-122	0.5399	0.405	0.162	4.33E-118	gdT	B3GNT2

HLA-C1	1.44E-121	0.426092	0.993	0.909	4.05E-117	gdT	HLA-C
RPS273	2.16E-120	0.43729	0.997	0.935	6.08E-116	gdT	RPS27
HLA-B2	6.32E-119	0.388248	0.997	0.956	1.78E-114	gdT	HLA-B
MT2A2	5.05E-114	0.92187	0.75	0.478	1.42E-109	gdT	MT2A
APOBEC3G	4.14E-112	0.571317	0.568	0.285	1.17E-107	gdT	APOBEC3G
RPL212	1.41E-111	0.516316	0.957	0.808	3.96E-107	gdT	RPL21
GABARAPL	3.73E-111	0.547471	0.5	0.235	1.05E-106	gdT	GABARAPL1
EEF1A12	1.31E-109	0.385855	0.997	0.948	3.68E-105	gdT	EEF1A1
RPL37A1	1.98E-108	0.501776	0.957	0.799	5.57E-104	gdT	RPL37A
CD3E2	8.29E-108	0.498203	0.955	0.736	2.33E-103	gdT	CD3E
RPS242	1.19E-107	0.401613	0.996	0.912	3.34E-103	gdT	RPS24
RPLP11	2.15E-105	0.366184	0.999	0.946	6.06E-101	gdT	RPLP1
RPL23A2	9.52E-104	0.446397	0.979	0.857	2.68E-99	gdT	RPL23A
HCST3	2.70E-103	0.510391	0.931	0.699	7.58E-99	gdT	HCST
MAZ1	1.47E-96	0.499958	0.485	0.239	4.14E-92	gdT	MAZ
CD3D2	2.50E-96	0.489765	0.876	0.596	7.04E-92	gdT	CD3D
ZNF6832	4.01E-96	0.793623	0.346	0.146	1.13E-91	gdT	ZNF683
ABHD17A1	1.95E-94	0.494892	0.669	0.391	5.49E-90	gdT	ABHD17A
ARPC5L2	4.17E-93	0.465518	0.544	0.28	1.17E-88	gdT	ARPC5L
IFNG-AS1	2.54E-90	0.2973	0.258	0.091	7.15E-86	gdT	IFNG-AS1
EFHD21	4.98E-90	0.539369	0.569	0.317	1.40E-85	gdT	EFHD2
TRAT1	6.73E-90	0.410442	0.372	0.16	1.89E-85	gdT	TRAT1
SATB11	2.86E-89	0.428638	0.354	0.151	8.05E-85	gdT	SATB1
CD523	1.10E-86	0.475915	0.895	0.66	3.09E-82	gdT	CD52
SLC7A51	3.52E-86	0.388449	0.621	0.352	9.91E-82	gdT	SLC7A5
CNN21	7.38E-86	0.527984	0.685	0.424	2.08E-81	gdT	CNN2
PTMS	4.52E-85	0.368343	0.268	0.103	1.27E-80	gdT	PTMS
RPS4Y11	5.29E-85	0.486227	0.756	0.458	1.49E-80	gdT	RPS4Y1
LYAR3	2.28E-84	0.463678	0.579	0.316	6.40E-80	gdT	LYAR
CD73	2.01E-83	0.370346	0.817	0.507	5.66E-79	gdT	CD7
ABCB11	2.40E-83	0.305055	0.341	0.145	6.75E-79	gdT	ABCB1
RPL283	5.40E-83	0.332369	0.997	0.939	1.52E-78	gdT	RPL28
CASP4	1.72E-82	0.442817	0.478	0.246	4.83E-78	gdT	CASP4
RPS15A4	2.55E-82	0.335323	0.998	0.923	7.17E-78	gdT	RPS15A
ACTG12	6.15E-81	0.510494	0.953	0.814	1.73E-76	gdT	ACTG1
RPL372	1.55E-79	0.349314	0.989	0.894	4.35E-75	gdT	RPL37
RPS210	3.64E-77	0.371597	0.978	0.873	1.02E-72	gdT	RPS2
RPS74	1.36E-76	0.332702	0.994	0.9	3.84E-72	gdT	RPS7
CD993	2.70E-75	0.414961	0.902	0.689	7.59E-71	gdT	CD99
RPS292	5.60E-75	0.378226	0.943	0.8	1.58E-70	gdT	RPS29
CD3G2	1.50E-74	0.405031	0.707	0.429	4.21E-70	gdT	CD3G
LDHA2	1.34E-73	0.565538	0.762	0.534	3.76E-69	gdT	LDHA
ITPRIP1	2.23E-73	0.352663	0.411	0.201	6.26E-69	gdT	ITPRIP
IER5L1	2.13E-72	0.544846	0.379	0.188	5.98E-68	gdT	IER5L
RPS142	4.64E-72	0.330184	0.993	0.907	1.31E-67	gdT	RPS14
UBB3	1.82E-70	0.389299	0.886	0.684	5.13E-66	gdT	UBB
RPL193	9.99E-70	0.312099	0.996	0.917	2.81E-65	gdT	RPL19

RPS123	1.38E-69	0.300149	0.998	0.931	3.88E-65	gdT	RPS12
RPL132	1.41E-69	0.300979	0.999	0.939	3.97E-65	gdT	RPL13
MAP3K83	3.26E-69	0.39727	0.579	0.327	9.18E-65	gdT	MAP3K8
MAPK13	6.41E-69	0.277664	0.555	0.308	1.81E-64	gdT	MAPK1
LBH	1.45E-68	0.425527	0.621	0.37	4.07E-64	gdT	LBH
ACTB2	2.22E-68	0.339319	0.998	0.94	6.24E-64	gdT	ACTB
PIK3AP1	9.86E-68	0.25622	0.263	0.109	2.77E-63	gdT	PIK3AP1
IL2RG1	1.14E-67	0.412497	0.849	0.614	3.20E-63	gdT	IL2RG
NR4A23	1.70E-67	0.558343	0.851	0.653	4.79E-63	gdT	NR4A2
MYL12A2	1.85E-67	0.384702	0.943	0.753	5.20E-63	gdT	MYL12A
MT1X	4.17E-67	0.349715	0.343	0.163	1.17E-62	gdT	MT1X
CCDC1071	6.34E-67	0.436117	0.494	0.271	1.78E-62	gdT	CCDC107
RPSA2	1.03E-66	0.359312	0.964	0.816	2.89E-62	gdT	RPSA
PTPN61	2.76E-66	0.405404	0.427	0.225	7.76E-62	gdT	PTPN6
CD2473	1.19E-65	0.280636	0.797	0.553	3.35E-61	gdT	CD247
TUBA4A1	5.29E-65	0.451548	0.745	0.506	1.49E-60	gdT	TUBA4A
HNRNPA11	7.03E-65	0.408657	0.913	0.722	1.98E-60	gdT	HNRNPA1
PLEK2	1.25E-64	0.30763	0.378	0.185	3.51E-60	gdT	PLEK
TERF2IP1	1.41E-64	0.412693	0.68	0.44	3.98E-60	gdT	TERF2IP
RAC23	1.95E-64	0.409417	0.856	0.652	5.50E-60	gdT	RAC2
RPL18A3	2.34E-64	0.297046	0.995	0.91	6.59E-60	gdT	RPL18A
RPS214	7.11E-64	0.319034	0.984	0.88	2.00E-59	gdT	RPS21
UBE2S2	7.72E-64	0.461292	0.692	0.459	2.17E-59	gdT	UBE2S
RPS34	8.00E-64	0.306869	0.997	0.916	2.25E-59	gdT	RPS3
RPL310	2.41E-63	0.344299	0.987	0.884	6.79E-59	gdT	RPL3
HLA-A2	4.41E-63	0.285629	0.993	0.926	1.24E-58	gdT	HLA-A
TPST22	7.56E-63	0.315325	0.367	0.182	2.13E-58	gdT	TPST2
S100A43	4.65E-62	0.330761	0.907	0.653	1.31E-57	gdT	S100A4
PSME21	2.50E-61	0.464784	0.639	0.415	7.02E-57	gdT	PSME2
RPS82	7.27E-61	0.284939	0.996	0.915	2.05E-56	gdT	RPS8
LCP13	8.82E-61	0.383886	0.851	0.627	2.48E-56	gdT	LCP1
RPL7A3	9.23E-61	0.29502	0.995	0.902	2.60E-56	gdT	RPL7A
RPL262	1.11E-60	0.301133	0.997	0.904	3.12E-56	gdT	RPL26
FKBP112	1.23E-60	0.333463	0.456	0.248	3.47E-56	gdT	FKBP11
PSME12	1.50E-60	0.410028	0.824	0.61	4.21E-56	gdT	PSME1
SERTAD12	2.15E-60	0.457824	0.573	0.351	6.06E-56	gdT	SERTAD1
GYG1	7.13E-60	0.350788	0.348	0.173	2.00E-55	gdT	GYG1
RPS284	3.41E-59	0.282395	0.993	0.914	9.61E-55	gdT	RPS28
RPL35A3	4.71E-59	0.305774	0.985	0.881	1.33E-54	gdT	RPL35A
RPL63	7.03E-59	0.308651	0.991	0.888	1.98E-54	gdT	RPL6
LAT1	2.16E-58	0.311264	0.596	0.348	6.08E-54	gdT	LAT
PTMA1	2.27E-58	0.297454	0.993	0.928	6.40E-54	gdT	PTMA
NOSIP2	3.52E-58	0.388841	0.492	0.288	9.91E-54	gdT	NOSIP
CD273	4.00E-58	0.309732	0.54	0.311	1.12E-53	gdT	CD27
RPL343	2.19E-57	0.286122	0.991	0.911	6.16E-53	gdT	RPL34
CXCR42	3.73E-57	0.389519	0.928	0.797	1.05E-52	gdT	CXCR4
ITM2C2	6.03E-57	0.52045	0.442	0.262	1.70E-52	gdT	ITM2C

PRDX2	1.09E-56	0.341944	0.429	0.237	3.08E-52	gdT	PRDX2
CXCR61	5.53E-56	0.36534	0.375	0.194	1.56E-51	gdT	CXCR6
PFN12	8.06E-56	0.328075	0.982	0.852	2.27E-51	gdT	PFN1
EEF1D2	6.19E-55	0.314463	0.961	0.808	1.74E-50	gdT	EEF1D
RPLP23	7.99E-55	0.304789	0.988	0.887	2.25E-50	gdT	RPLP2
SPOCK22	2.87E-54	0.265946	0.714	0.451	8.09E-50	gdT	SPOCK2
JUND2	2.96E-54	0.446968	0.928	0.807	8.32E-50	gdT	JUND
VAMP5	5.36E-54	0.303306	0.348	0.179	1.51E-49	gdT	VAMP5
RAB5IF2	8.76E-54	0.339738	0.463	0.265	2.46E-49	gdT	RAB5IF
RPL36A2	1.49E-53	0.356092	0.94	0.778	4.20E-49	gdT	RPL36A
RPS27A3	1.61E-53	0.282151	0.997	0.919	4.53E-49	gdT	RPS27A
DUSP41	2.12E-53	0.483962	0.421	0.238	5.97E-49	gdT	DUSP4
LY9	7.63E-53	0.268793	0.31	0.151	2.15E-48	gdT	LY9
SH2D1A1	9.75E-53	0.27121	0.39	0.206	2.74E-48	gdT	SH2D1A
PSMB93	1.13E-52	0.366368	0.705	0.485	3.17E-48	gdT	PSMB9
MARCKSL1	1.89E-52	0.34567	0.394	0.214	5.32E-48	gdT	MARCKSL1
IFNGR11	2.89E-52	0.38729	0.465	0.269	8.14E-48	gdT	IFNGR1
MIDN2	3.39E-52	0.349662	0.458	0.265	9.53E-48	gdT	MIDN
GZMB2	1.44E-51	0.392265	0.332	0.169	4.04E-47	gdT	GZMB
RPS3A2	1.46E-51	0.257278	0.99	0.899	4.09E-47	gdT	RPS3A
SH3BGRL3	1.90E-51	0.314312	0.953	0.804	5.34E-47	gdT	SH3BGRL3
CTDNEP1	2.47E-51	0.303821	0.441	0.251	6.94E-47	gdT	CTDNEP1
TUBB4B1	2.70E-51	0.361411	0.689	0.466	7.59E-47	gdT	TUBB4B
TRIR2	5.23E-51	0.320546	0.752	0.524	1.47E-46	gdT	TRIR
RPL10A2	6.99E-51	0.309664	0.964	0.816	1.97E-46	gdT	RPL10A
SLC9A3R11	1.17E-50	0.302925	0.616	0.39	3.31E-46	gdT	SLC9A3R1
ARF62	1.46E-50	0.355824	0.669	0.448	4.11E-46	gdT	ARF6
RPL393	3.55E-50	0.263492	0.994	0.906	9.98E-46	gdT	RPL39
CD300A2	6.67E-50	0.296862	0.259	0.122	1.88E-45	gdT	CD300A
PNRC11	8.23E-50	0.365483	0.941	0.793	2.32E-45	gdT	PNRC1
SSR21	1.09E-49	0.324509	0.76	0.534	3.06E-45	gdT	SSR2
RPS162	1.44E-49	0.290309	0.972	0.835	4.05E-45	gdT	RPS16
SEC61G1	2.80E-49	0.294655	0.568	0.353	7.89E-45	gdT	SEC61G
TLE52	5.32E-49	0.346114	0.828	0.618	1.50E-44	gdT	TLE5
GYPC2	1.49E-48	0.324703	0.747	0.512	4.18E-44	gdT	GYPC
PTPN71	2.14E-48	0.259111	0.457	0.263	6.02E-44	gdT	PTPN7
RPL152	1.63E-47	0.288206	0.976	0.839	4.58E-43	gdT	RPL15
CFL12	2.37E-47	0.314666	0.955	0.808	6.66E-43	gdT	CFL1
RAB9A	5.55E-47	0.275996	0.285	0.142	1.56E-42	gdT	RAB9A
UBE2L6	6.46E-47	0.315939	0.494	0.303	1.82E-42	gdT	UBE2L6
SLC25A6	7.14E-47	0.327649	0.819	0.608	2.01E-42	gdT	SLC25A6
UBA522	8.74E-47	0.303078	0.951	0.8	2.46E-42	gdT	UBA52
CISD31	1.10E-46	0.250463	0.298	0.151	3.10E-42	gdT	CISD3
RPS92	1.34E-46	0.274833	0.973	0.851	3.76E-42	gdT	RPS9
ICAM3	2.06E-46	0.300113	0.598	0.383	5.80E-42	gdT	ICAM3
POLR2E	4.95E-46	0.274456	0.398	0.225	1.39E-41	gdT	POLR2E
PPIA1	5.59E-46	0.327855	0.936	0.762	1.57E-41	gdT	PPIA

NFKBIA2	1.31E-45	0.342711	0.902	0.738	3.70E-41	gdT	NFKBIA
PPIB1	1.56E-45	0.332299	0.821	0.619	4.40E-41	gdT	PPIB
LCK2	2.32E-45	0.290626	0.741	0.52	6.54E-41	gdT	LCK
H2AFX2	5.27E-45	0.272518	0.491	0.294	1.48E-40	gdT	H2AFX
CKLF1	6.12E-45	0.292583	0.563	0.357	1.72E-40	gdT	CKLF
RPL272	1.32E-44	0.309682	0.917	0.748	3.72E-40	gdT	RPL27
ADRB21	1.86E-44	0.290141	0.29	0.15	5.24E-40	gdT	ADRB2
RGCC2	1.90E-44	0.612948	0.672	0.492	5.34E-40	gdT	RGCC
BZW12	1.18E-43	0.2847	0.599	0.39	3.32E-39	gdT	BZW1
RNF1671	1.31E-43	0.279722	0.444	0.264	3.70E-39	gdT	RNF167
RPL352	1.53E-43	0.277924	0.97	0.841	4.30E-39	gdT	RPL35
RPLP02	1.83E-43	0.263608	0.985	0.868	5.15E-39	gdT	RPLP0
SLC25A52	6.28E-43	0.333625	0.651	0.455	1.77E-38	gdT	SLC25A5
ARL4C2	8.17E-43	0.29902	0.774	0.551	2.30E-38	gdT	ARL4C
HSPA52	1.95E-42	0.31649	0.782	0.571	5.49E-38	gdT	HSPA5
FBXW51	2.09E-42	0.267628	0.375	0.213	5.89E-38	gdT	FBXW5
GHITM	2.68E-42	0.272667	0.454	0.274	7.53E-38	gdT	GHITM
PTP4A22	3.38E-42	0.265459	0.635	0.431	9.52E-38	gdT	PTP4A2
CRTAM1	4.07E-42	0.260287	0.258	0.128	1.15E-37	gdT	CRTAM
CYCS1	5.66E-42	0.277873	0.6	0.393	1.59E-37	gdT	CYCS
IGFLR1	1.96E-41	0.284253	0.284	0.149	5.51E-37	gdT	IGFLR1
CSRNP11	3.41E-41	0.351987	0.617	0.419	9.60E-37	gdT	CSRNP1
ZYX1	4.01E-41	0.279379	0.562	0.362	1.13E-36	gdT	ZYX
SELENOH	4.20E-41	0.273557	0.488	0.303	1.18E-36	gdT	SELENOH
RPL13A1	4.52E-41	0.272426	0.938	0.788	1.27E-36	gdT	RPL13A
RAB291	6.41E-41	0.253996	0.254	0.129	1.80E-36	gdT	RAB29
GABARAPL	1.54E-40	0.266464	0.542	0.341	4.34E-36	gdT	GABARAPL2
CD482	2.25E-40	0.286022	0.656	0.444	6.32E-36	gdT	CD48
CALM13	5.32E-40	0.266391	0.941	0.814	1.50E-35	gdT	CALM1
CLIC13	1.09E-39	0.277049	0.835	0.628	3.06E-35	gdT	CLIC1
ZC3H12A1	1.28E-39	0.320851	0.354	0.203	3.60E-35	gdT	ZC3H12A
ARF11	1.48E-39	0.26824	0.715	0.505	4.17E-35	gdT	ARF1
GNAS	1.59E-39	0.305111	0.806	0.641	4.48E-35	gdT	GNAS
SNRPD22	1.84E-39	0.264707	0.798	0.593	5.17E-35	gdT	SNRPD2
RPL52	2.05E-39	0.253381	0.974	0.843	5.78E-35	gdT	RPL5
RPL312	2.11E-39	0.283554	0.901	0.723	5.93E-35	gdT	RPL31
CSK1	2.19E-39	0.255314	0.506	0.323	6.17E-35	gdT	CSK
EEF22	2.84E-39	0.277547	0.912	0.745	8.00E-35	gdT	EEF2
ABRACL1	3.86E-39	0.259412	0.571	0.368	1.09E-34	gdT	ABRACL
CTSD3	4.81E-39	0.279386	0.665	0.45	1.35E-34	gdT	CTSD
DYNLL1	5.56E-39	0.275027	0.537	0.349	1.56E-34	gdT	DYNLL1
BIN22	1.30E-38	0.266329	0.575	0.383	3.65E-34	gdT	BIN2
LITAF2	1.77E-38	0.270849	0.708	0.509	4.97E-34	gdT	LITAF
GAPDH1	1.98E-38	0.308408	0.944	0.818	5.58E-34	gdT	GAPDH
H3F3A1	4.18E-38	0.295688	0.877	0.698	1.18E-33	gdT	H3F3A
RPL231	6.98E-38	0.279064	0.704	0.491	1.96E-33	gdT	RPL23
P4HB1	7.02E-38	0.254418	0.536	0.347	1.98E-33	gdT	P4HB

IFRD12	8.60E-38	0.292191	0.539	0.359	2.42E-33	gdT	IFRD1
GUK11	1.08E-37	0.250967	0.736	0.529	3.05E-33	gdT	GUK1
COX7C2	1.62E-37	0.265924	0.856	0.658	4.56E-33	gdT	COX7C
SSR41	3.89E-37	0.251252	0.777	0.567	1.09E-32	gdT	SSR4
ATP5MG1	8.86E-37	0.279935	0.831	0.657	2.49E-32	gdT	ATP5MG
UQCRH	9.22E-37	0.268062	0.628	0.43	2.59E-32	gdT	UQCRH
DNAAF2	1.01E-36	0.270168	0.275	0.149	2.84E-32	gdT	DNAAF2
RPS201	1.76E-36	0.285782	0.722	0.519	4.96E-32	gdT	RPS20
UCP21	3.01E-36	0.426815	0.552	0.386	8.47E-32	gdT	UCP2
SEC61B1	3.27E-36	0.274423	0.627	0.443	9.19E-32	gdT	SEC61B
PPP1CA1	5.26E-36	0.292586	0.571	0.392	1.48E-31	gdT	PPP1CA
HMG2	1.51E-35	0.289965	0.656	0.461	4.25E-31	gdT	HMG2
EEF1B22	2.16E-35	0.268029	0.936	0.765	6.08E-31	gdT	EEF1B2
TNF1	2.23E-35	0.314284	0.425	0.268	6.28E-31	gdT	TNF
COX4I11	3.12E-35	0.25286	0.911	0.736	8.78E-31	gdT	COX4I1
IFNG2	3.32E-35	0.297586	0.278	0.15	9.35E-31	gdT	IFNG
HNRNPL	4.45E-35	0.261413	0.693	0.495	1.25E-30	gdT	HNRNPL
REL3	4.82E-35	0.261815	0.662	0.464	1.36E-30	gdT	REL
GLRX2	8.28E-35	0.256134	0.319	0.184	2.33E-30	gdT	GLRX
NINJ11	1.59E-34	0.281041	0.275	0.153	4.48E-30	gdT	NINJ1
DUSP12	1.79E-34	0.307657	0.935	0.837	5.03E-30	gdT	DUSP1
EEF1G2	2.19E-34	0.252787	0.876	0.685	6.16E-30	gdT	EEF1G
AL135905.1	5.15E-34	0.271449	0.291	0.164	1.45E-29	gdT	AL135905.2
TAP11	6.44E-34	0.291196	0.445	0.287	1.81E-29	gdT	TAP1
EIF3L1	7.05E-34	0.253225	0.556	0.372	1.98E-29	gdT	EIF3L
PHB2	1.10E-33	0.250733	0.458	0.296	3.09E-29	gdT	PHB2
SELL2	3.83E-33	0.262219	0.313	0.183	1.08E-28	gdT	SELL
NDUFS52	1.59E-32	0.277148	0.679	0.487	4.46E-28	gdT	NDUFS5
CD692	6.17E-32	0.2979	0.882	0.746	1.74E-27	gdT	CD69
SRGN2	3.23E-31	0.257708	0.96	0.864	9.09E-27	gdT	SRGN
PTGER42	4.10E-31	0.266845	0.641	0.454	1.15E-26	gdT	PTGER4
LIMD22	4.68E-29	0.265578	0.659	0.487	1.32E-24	gdT	LIMD2
MAFF2	1.45E-28	0.282792	0.312	0.189	4.09E-24	gdT	MAFF
ZFP36L22	2.24E-28	0.325969	0.979	0.923	6.31E-24	gdT	ZFP36L2
TXNIP2	2.40E-25	0.270433	0.874	0.723	6.75E-21	gdT	TXNIP
CTLA4	0	2.676633	0.741	0.099	0	Treg	CTLA4
FOXP3	0	2.510993	0.59	0.007	0	Treg	FOXP3
TNFRSF4	0	1.961706	0.428	0.035	0	Treg	TNFRSF4
TNFRSF18	0	1.816864	0.435	0.04	0	Treg	TNFRSF18
RTKN2	0	1.627334	0.371	0.023	0	Treg	RTKN2
BATF	1.46E-301	2.390347	0.682	0.123	4.11E-297	Treg	BATF
TIGIT	3.19E-275	1.92092	0.609	0.102	8.99E-271	Treg	TIGIT
IL2RA	1.31E-234	1.13438	0.259	0.021	3.67E-230	Treg	IL2RA
LAIR2	2.14E-192	1.154421	0.281	0.03	6.03E-188	Treg	LAIR2
LINC01943	5.20E-184	1.13532	0.265	0.028	1.46E-179	Treg	LINC01943
AL136456.1	2.91E-181	1.433463	0.378	0.055	8.18E-177	Treg	AL136456.1
ICA1	1.36E-176	1.112017	0.252	0.026	3.82E-172	Treg	ICA1

TBC1D4	9.25E-174	1.715344	0.545	0.121	2.60E-169	Treg	TBC1D4
IKZF2	1.99E-142	1.347513	0.462	0.098	5.59E-138	Treg	IKZF2
STAM	7.44E-142	1.521219	0.467	0.105	2.09E-137	Treg	STAM
ICOS1	1.94E-139	1.612889	0.73	0.26	5.47E-135	Treg	ICOS
SLAMF1	1.94E-132	1.400533	0.467	0.108	5.46E-128	Treg	SLAMF1
PELI11	1.87E-121	1.735839	0.597	0.189	5.28E-117	Treg	PELI1
TNFRSF9	1.45E-119	1.166886	0.263	0.039	4.07E-115	Treg	TNFRSF9
IL323	8.75E-119	1.552764	0.979	0.762	2.46E-114	Treg	IL32
PHLDA1	4.05E-116	1.78289	0.503	0.141	1.14E-111	Treg	PHLDA1
DUSP42	1.02E-114	1.899716	0.657	0.241	2.87E-110	Treg	DUSP4
MAST4	2.37E-102	1.05902	0.254	0.042	6.66E-98	Treg	MAST4
CARD161	2.74E-96	1.562597	0.622	0.252	7.70E-92	Treg	CARD16
CORO1B1	3.28E-85	1.392765	0.551	0.209	9.24E-81	Treg	CORO1B
HLA-A3	1.11E-83	0.88828	0.986	0.928	3.11E-79	Treg	HLA-A
DNPH1	1.63E-82	1.027304	0.355	0.093	4.58E-78	Treg	DNPH1
CD274	2.21E-82	1.382066	0.677	0.316	6.21E-78	Treg	CD27
PMAIP1	1.36E-79	1.672079	0.568	0.234	3.83E-75	Treg	PMAIP1
LTB2	2.70E-77	1.518486	0.716	0.35	7.60E-73	Treg	LTB
CD42	1.10E-76	0.946382	0.432	0.134	3.10E-72	Treg	CD4
PHACTR2	4.82E-73	0.988095	0.524	0.193	1.36E-68	Treg	PHACTR2
ACP5	4.43E-70	0.818897	0.304	0.078	1.25E-65	Treg	ACP5
DUSP16	4.59E-67	0.946273	0.41	0.133	1.29E-62	Treg	DUSP16
PRDM11	7.81E-61	1.195396	0.664	0.349	2.20E-56	Treg	PRDM1
ARID5B1	1.08E-58	0.916688	0.705	0.37	3.05E-54	Treg	ARID5B
SAT11	4.46E-54	1.095894	0.856	0.59	1.25E-49	Treg	SAT1
SIRPG	2.41E-53	0.955686	0.421	0.161	6.79E-49	Treg	SIRPG
S100A44	4.03E-53	0.9397	0.895	0.661	1.13E-48	Treg	S100A4
SNX93	2.86E-52	0.960832	0.558	0.261	8.06E-48	Treg	SNX9
RHBDD2	3.93E-51	0.922141	0.414	0.162	1.11E-46	Treg	RHBDD2
MIR4435-2	2.00E-50	0.983821	0.485	0.207	5.64E-46	Treg	MIR4435-2HG
GAPDH2	5.70E-49	0.973086	0.963	0.821	1.60E-44	Treg	GAPDH
MYL61	1.00E-47	0.700224	0.954	0.771	2.82E-43	Treg	MYL6
PHTF2	7.71E-47	0.870489	0.428	0.175	2.17E-42	Treg	PHTF2
BTG31	5.93E-46	1.025375	0.483	0.222	1.67E-41	Treg	BTG3
FAS	9.93E-46	0.77292	0.277	0.086	2.79E-41	Treg	FAS
UCP22	5.35E-45	1.002298	0.657	0.389	1.51E-40	Treg	UCP2
B2M3	7.36E-45	0.436756	0.998	0.971	2.07E-40	Treg	B2M
RGS12	1.00E-44	0.999384	0.856	0.595	2.82E-40	Treg	RGS1
CD281	2.14E-44	0.752781	0.38	0.147	6.03E-40	Treg	CD28
PLCL1	1.88E-42	0.652828	0.256	0.078	5.30E-38	Treg	PLCL1
ARHGDIB1	2.36E-42	0.608091	0.961	0.834	6.65E-38	Treg	ARHGDIB
BIRC3	5.30E-42	0.878486	0.343	0.13	1.49E-37	Treg	BIRC3
HLA-B3	6.38E-42	0.572134	0.995	0.957	1.80E-37	Treg	HLA-B
CTSC1	1.07E-41	1.250432	0.664	0.429	3.01E-37	Treg	CTSC
GBP51	2.94E-40	0.913445	0.524	0.269	8.26E-36	Treg	GBP5
UGP2	2.83E-38	0.92275	0.444	0.211	7.97E-34	Treg	UGP2
CALM31	2.26E-37	0.813615	0.574	0.327	6.37E-33	Treg	CALM3

PIM22	3.09E-37	0.876474	0.462	0.221	8.68E-33	Treg	PIM2
SPOCK23	4.87E-37	0.777482	0.728	0.459	1.37E-32	Treg	SPOCK2
TOX2	9.16E-37	0.541319	0.579	0.301	2.58E-32	Treg	TOX
SOD11	9.99E-35	0.852424	0.691	0.456	2.81E-30	Treg	SOD1
GADD45A1	2.40E-34	1.019317	0.366	0.163	6.75E-30	Treg	GADD45A
IGFLR11	4.93E-34	0.783223	0.352	0.152	1.39E-29	Treg	IGFLR1
C9orf16	8.13E-34	0.83874	0.638	0.417	2.29E-29	Treg	C9orf16
SAMSN11	9.06E-34	0.816496	0.735	0.502	2.55E-29	Treg	SAMSN1
ZBTB382	6.59E-33	0.674558	0.49	0.249	1.85E-28	Treg	ZBTB38
GBP21	2.12E-32	0.745477	0.465	0.238	5.97E-28	Treg	GBP2
CNIH1	2.17E-32	0.898921	0.348	0.157	6.10E-28	Treg	CNIH1
EPST11	3.84E-32	0.756621	0.355	0.156	1.08E-27	Treg	EPST1
CD741	4.31E-32	0.373595	0.936	0.769	1.21E-27	Treg	CD74
RBPJ	5.06E-32	0.880237	0.455	0.239	1.42E-27	Treg	RBPJ
FKBP1A	1.03E-31	0.704673	0.449	0.231	2.91E-27	Treg	FKBP1A
SCAND1	1.19E-31	0.76268	0.574	0.343	3.36E-27	Treg	SCAND1
BCL3	3.05E-31	0.691502	0.261	0.098	8.58E-27	Treg	BCL3
ZC3H7A	6.78E-31	0.690445	0.297	0.122	1.91E-26	Treg	ZC3H7A
LGALS3	1.34E-30	0.800051	0.32	0.137	3.78E-26	Treg	LGALS3
NDUFV2	9.55E-30	0.752881	0.49	0.276	2.69E-25	Treg	NDUFV2
CNST	7.62E-29	0.610227	0.364	0.168	2.15E-24	Treg	CNST
BACH11	9.87E-29	0.649193	0.293	0.121	2.78E-24	Treg	BACH1
USP151	1.02E-28	0.66674	0.689	0.454	2.86E-24	Treg	USP15
NSD31	1.03E-28	0.569209	0.586	0.35	2.90E-24	Treg	NSD3
FXYD52	2.25E-28	0.585209	0.851	0.68	6.34E-24	Treg	FXYD5
UBC1	2.28E-28	0.569811	0.973	0.888	6.43E-24	Treg	UBC
ATP5MC21	8.19E-28	0.560495	0.879	0.706	2.31E-23	Treg	ATP5MC2
STAT3	1.09E-27	0.679012	0.593	0.363	3.06E-23	Treg	STAT3
SIT12	4.01E-27	0.626487	0.423	0.218	1.13E-22	Treg	SIT1
TMSB4X1	4.04E-27	0.431333	0.989	0.944	1.14E-22	Treg	TMSB4X
TMSB102	2.06E-26	0.492806	0.993	0.922	5.78E-22	Treg	TMSB10
PPM1G	3.38E-26	0.642535	0.442	0.241	9.52E-22	Treg	PPM1G
HNRNPLL1	5.34E-26	0.590212	0.43	0.225	1.50E-21	Treg	HNRNPLL
NAMPT1	5.50E-26	0.64254	0.446	0.238	1.55E-21	Treg	NAMPT
ARPC1B1	6.64E-26	0.594018	0.728	0.545	1.87E-21	Treg	ARPC1B
GADD45G	1.40E-25	0.772042	0.256	0.106	3.93E-21	Treg	GADD45G
PKM	1.57E-25	0.765011	0.549	0.348	4.42E-21	Treg	PKM
HLA-DRB11	1.67E-25	0.461046	0.57	0.323	4.71E-21	Treg	HLA-DRB1
ICAM31	2.81E-25	0.604234	0.597	0.39	7.91E-21	Treg	ICAM3
PBXIP12	3.82E-25	0.689661	0.492	0.289	1.07E-20	Treg	PBXIP1
SUB11	4.59E-25	0.576356	0.755	0.57	1.29E-20	Treg	SUB1
SRP141	1.47E-24	0.532531	0.817	0.631	4.13E-20	Treg	SRP14
ACTB3	4.31E-24	0.485797	0.998	0.942	1.21E-19	Treg	ACTB
RNF187	6.90E-24	0.613787	0.359	0.184	1.94E-19	Treg	RNF187
CD3D3	1.22E-23	0.490557	0.799	0.606	3.42E-19	Treg	CD3D
IL2RG2	2.64E-23	0.589821	0.794	0.622	7.43E-19	Treg	IL2RG
SUMO2	3.56E-23	0.546462	0.73	0.563	1.00E-18	Treg	SUMO2

PRDX21	6.35E-23	0.625077	0.428	0.243	1.79E-18	Treg	PRDX2
PFN13	2.14E-22	0.436443	0.947	0.856	6.02E-18	Treg	PFN1
OAZ12	5.32E-22	0.506956	0.824	0.689	1.50E-17	Treg	OAZ1
FOXO11	1.73E-21	0.387468	0.593	0.374	4.87E-17	Treg	FOXO1
BUB31	2.77E-21	0.572631	0.561	0.364	7.79E-17	Treg	BUB3
CLIC14	3.80E-21	0.523138	0.815	0.634	1.07E-16	Treg	CLIC1
FCMR2	3.88E-21	0.53185	0.554	0.356	1.09E-16	Treg	FCMR
PLSCR3	4.53E-21	0.450048	0.307	0.147	1.28E-16	Treg	PLSCR3
ITM2A1	5.69E-21	0.621306	0.579	0.394	1.60E-16	Treg	ITM2A
SMC4	5.91E-21	0.494364	0.291	0.137	1.66E-16	Treg	SMC4
ISG201	8.37E-21	0.590083	0.737	0.58	2.36E-16	Treg	ISG20
THADA	1.15E-20	0.600579	0.295	0.141	3.23E-16	Treg	THADA
ALDOA1	1.24E-20	0.561657	0.597	0.404	3.48E-16	Treg	ALDOA
PAK21	1.31E-20	0.492071	0.522	0.322	3.70E-16	Treg	PAK2
TNFRSF1B2	3.35E-20	0.590064	0.524	0.342	9.43E-16	Treg	TNFRSF1B
COX5A	9.64E-20	0.63089	0.508	0.341	2.71E-15	Treg	COX5A
NIBAN11	1.44E-19	0.570521	0.533	0.35	4.05E-15	Treg	NIBAN1
PARK71	1.92E-19	0.645178	0.584	0.414	5.42E-15	Treg	PARK7
CXCR62	2.52E-19	0.657481	0.366	0.2	7.09E-15	Treg	CXCR6
COX8A	3.01E-19	0.603852	0.618	0.446	8.46E-15	Treg	COX8A
ZEB1	7.73E-19	0.448346	0.352	0.185	2.17E-14	Treg	ZEB1
SAMHD12	1.01E-18	0.477664	0.535	0.354	2.85E-14	Treg	SAMHD1
LDHB2	2.32E-18	0.522806	0.67	0.514	6.53E-14	Treg	LDHB
CCNI	2.74E-18	0.519126	0.787	0.629	7.70E-14	Treg	CCNI
RAC24	3.22E-18	0.457785	0.796	0.659	9.05E-14	Treg	RAC2
CYTOR2	5.49E-18	0.434874	0.492	0.299	1.54E-13	Treg	CYTOR
CD23	5.51E-18	0.461882	0.748	0.577	1.55E-13	Treg	CD2
RSBN1	5.59E-18	0.539771	0.416	0.25	1.57E-13	Treg	RSBN1
RAB11FIP1	6.49E-18	0.471067	0.27	0.13	1.82E-13	Treg	RAB11FIP1
SH3BGRL34	1.91E-17	0.379504	0.938	0.809	5.39E-13	Treg	SH3BGRL3
ACTG13	2.37E-17	0.452681	0.915	0.819	6.68E-13	Treg	ACTG1
SKAP11	2.76E-17	0.303658	0.748	0.575	7.76E-13	Treg	SKAP1
PVT1	3.01E-17	0.441199	0.275	0.137	8.47E-13	Treg	PVT1
SYNGR21	5.30E-17	0.645753	0.403	0.245	1.49E-12	Treg	SYNGR2
SLC25A3	1.31E-16	0.508784	0.641	0.487	3.69E-12	Treg	SLC25A3
STK17B1	1.85E-16	0.505522	0.773	0.633	5.21E-12	Treg	STK17B
SERF21	1.95E-16	0.390959	0.924	0.792	5.47E-12	Treg	SERF2
RAB9A1	2.84E-16	0.626449	0.275	0.146	7.98E-12	Treg	RAB9A
ZNRF2	4.37E-16	0.339528	0.32	0.172	1.23E-11	Treg	ZNRF2
CUTA	4.95E-16	0.513551	0.57	0.407	1.39E-11	Treg	CUTA
PSMB81	5.74E-16	0.481967	0.563	0.404	1.62E-11	Treg	PSMB8
COX5B	6.70E-16	0.435231	0.611	0.449	1.88E-11	Treg	COX5B
CLEC2D1	7.29E-16	0.526318	0.492	0.325	2.05E-11	Treg	CLEC2D
CD524	7.64E-16	0.459116	0.805	0.669	2.15E-11	Treg	CD52
NDUFA4	8.36E-16	0.4895	0.643	0.505	2.35E-11	Treg	NDUFA4
TLE53	8.56E-16	0.466458	0.771	0.626	2.41E-11	Treg	TLE5
ITGA41	9.27E-16	0.474242	0.593	0.425	2.61E-11	Treg	ITGA4

EID1	9.90E-16	0.509809	0.542	0.38	2.79E-11	Treg	EID1
YWHAB1	1.08E-15	0.47981	0.73	0.602	3.03E-11	Treg	YWHAB
RHOH1	1.18E-15	0.435058	0.618	0.452	3.33E-11	Treg	RHOH
TRAPPC11	1.25E-15	0.471645	0.469	0.314	3.53E-11	Treg	TRAPPC1
LIMD23	1.49E-15	0.503996	0.652	0.493	4.20E-11	Treg	LIMD2
IQGAP12	1.63E-15	0.509874	0.593	0.432	4.60E-11	Treg	IQGAP1
RNF19A1	1.86E-15	0.428441	0.595	0.423	5.25E-11	Treg	RNF19A
H3F3A2	2.83E-15	0.442838	0.828	0.704	7.97E-11	Treg	H3F3A
YPEL31	2.92E-15	0.451409	0.604	0.439	8.21E-11	Treg	YPEL3
GLRX3	3.16E-15	0.502808	0.327	0.188	8.88E-11	Treg	GLRX
CD382	3.27E-15	0.471381	0.281	0.149	9.21E-11	Treg	CD38
GMFG2	5.23E-15	0.441947	0.7	0.569	1.47E-10	Treg	GMFG
LSP13	5.28E-15	0.445204	0.764	0.617	1.48E-10	Treg	LSP1
IRF12	5.46E-15	0.50959	0.6	0.437	1.54E-10	Treg	IRF1
TSPAN141	5.61E-15	0.460823	0.419	0.265	1.58E-10	Treg	TSPAN14
ENO1	6.48E-15	0.430927	0.59	0.431	1.82E-10	Treg	ENO1
TMEM1731	6.65E-15	0.420611	0.359	0.209	1.87E-10	Treg	TMEM173
PIK3IP11	6.89E-15	0.471662	0.611	0.447	1.94E-10	Treg	PIK3IP1
SQSTM13	1.02E-14	0.529565	0.588	0.422	2.86E-10	Treg	SQSTM1
NDUFA13	1.05E-14	0.434153	0.627	0.482	2.97E-10	Treg	NDUFA13
IL6ST3	1.13E-14	0.473187	0.403	0.251	3.17E-10	Treg	IL6ST
MAN1A2	1.19E-14	0.391311	0.307	0.17	3.35E-10	Treg	MAN1A2
LINC01578	1.21E-14	0.488306	0.682	0.543	3.40E-10	Treg	LINC01578
PTPRCAP2	1.62E-14	0.405002	0.622	0.439	4.55E-10	Treg	PTPRCAP
ELOB1	2.21E-14	0.338472	0.684	0.508	6.23E-10	Treg	ELOB
TNIK1	2.29E-14	0.357566	0.389	0.236	6.44E-10	Treg	TNIK
CSGALNAC	2.38E-14	0.418958	0.259	0.136	6.69E-10	Treg	CSGALNACT2
EIF3F	2.47E-14	0.390988	0.682	0.533	6.95E-10	Treg	EIF3F
EIF3K	2.58E-14	0.394782	0.753	0.611	7.27E-10	Treg	EIF3K
SH3BGRL1	2.75E-14	0.459622	0.531	0.383	7.73E-10	Treg	SH3BGRL
RACK12	3.24E-14	0.330261	0.938	0.846	9.11E-10	Treg	RACK1
RAB11B	4.23E-14	0.436783	0.407	0.26	1.19E-09	Treg	RAB11B
CYCS2	4.68E-14	0.51159	0.551	0.4	1.32E-09	Treg	CYCS
RPL153	4.92E-14	0.299384	0.954	0.844	1.39E-09	Treg	RPL15
BCL2L11	5.82E-14	0.42018	0.279	0.152	1.64E-09	Treg	BCL2L11
SELL3	6.95E-14	0.431759	0.327	0.187	1.96E-09	Treg	SELL
ZNF2921	7.63E-14	0.406397	0.412	0.259	2.15E-09	Treg	ZNF292
RAP1GDS1	8.48E-14	0.333629	0.4	0.243	2.39E-09	Treg	RAP1GDS1
HLA-DMA1	1.04E-13	0.419474	0.295	0.163	2.93E-09	Treg	HLA-DMA
CSNK2B1	1.08E-13	0.402963	0.533	0.378	3.05E-09	Treg	CSNK2B
CDKN1B2	1.21E-13	0.528851	0.506	0.351	3.41E-09	Treg	CDKN1B
TRAC1	1.51E-13	0.456627	0.359	0.216	4.26E-09	Treg	TRAC
DAD1	1.76E-13	0.427331	0.54	0.383	4.95E-09	Treg	DAD1
IL10RA	2.37E-13	0.476465	0.492	0.34	6.68E-09	Treg	IL10RA
SUSD3	2.48E-13	0.360692	0.279	0.154	6.97E-09	Treg	SUSD3
UBE2D3	2.76E-13	0.463586	0.709	0.574	7.76E-09	Treg	UBE2D3
FAM53B	3.64E-13	0.333545	0.263	0.141	1.02E-08	Treg	FAM53B

ATP5MC3	5.44E-13	0.450256	0.542	0.405	1.53E-08	Treg	ATP5MC3
NFKBIZ3	6.09E-13	0.523974	0.547	0.394	1.71E-08	Treg	NFKBIZ
HINT13	6.38E-13	0.393692	0.737	0.61	1.80E-08	Treg	HINT1
COTL12	6.43E-13	0.413342	0.634	0.498	1.81E-08	Treg	COTL1
NOP58	6.46E-13	0.478779	0.462	0.324	1.82E-08	Treg	NOP58
LINC01934	8.05E-13	0.400372	0.352	0.215	2.26E-08	Treg	LINC01934
PPDPF2	8.42E-13	0.348514	0.879	0.725	2.37E-08	Treg	PPDPF
PSIP1	8.71E-13	0.38478	0.382	0.239	2.45E-08	Treg	PSIP1
NDUFB8	1.05E-12	0.424775	0.538	0.394	2.95E-08	Treg	NDUFB8
MRPL54	1.45E-12	0.40603	0.364	0.227	4.08E-08	Treg	MRPL54
CD581	1.57E-12	0.387347	0.318	0.189	4.43E-08	Treg	CD58
CFL13	1.66E-12	0.287406	0.922	0.813	4.68E-08	Treg	CFL1
UHRF2	2.03E-12	0.403345	0.293	0.168	5.71E-08	Treg	UHRF2
CCNDBP1	3.47E-12	0.377149	0.334	0.204	9.75E-08	Treg	CCNDBP1
VAMP51	3.72E-12	0.420873	0.309	0.185	1.05E-07	Treg	VAMP5
C12orf571	4.04E-12	0.37623	0.689	0.545	1.14E-07	Treg	C12orf57
CORO1A2	4.77E-12	0.346369	0.819	0.71	1.34E-07	Treg	CORO1A
ANP32B2	5.29E-12	0.41794	0.535	0.398	1.49E-07	Treg	ANP32B
PFKL	6.31E-12	0.277582	0.254	0.139	1.78E-07	Treg	PFKL
TAGLN23	6.62E-12	0.383143	0.652	0.5	1.86E-07	Treg	TAGLN2
CACYBP1	6.69E-12	0.533167	0.414	0.279	1.88E-07	Treg	CACYBP
CUL31	7.87E-12	0.338502	0.469	0.323	2.21E-07	Treg	CUL3
PSME22	1.19E-11	0.445867	0.558	0.423	3.34E-07	Treg	PSME2
UBXN1	1.46E-11	0.340609	0.581	0.435	4.11E-07	Treg	UBXN1
GATA3	1.61E-11	0.453733	0.368	0.236	4.53E-07	Treg	GATA3
TLK1	1.75E-11	0.282881	0.343	0.211	4.92E-07	Treg	TLK1
COX4I12	1.83E-11	0.316504	0.879	0.742	5.14E-07	Treg	COX4I1
TANK	2.04E-11	0.382435	0.375	0.244	5.73E-07	Treg	TANK
HIST1H1C	2.50E-11	0.504933	0.261	0.15	7.03E-07	Treg	HIST1H1C
CD3E3	2.52E-11	0.278673	0.874	0.744	7.10E-07	Treg	CD3E
GALM	2.53E-11	0.337897	0.316	0.192	7.13E-07	Treg	GALM
NDUFS7	2.57E-11	0.433173	0.387	0.255	7.24E-07	Treg	NDUFS7
ATP5IF11	2.74E-11	0.380918	0.561	0.421	7.72E-07	Treg	ATP5IF1
CLTB	3.10E-11	0.32034	0.346	0.215	8.72E-07	Treg	CLTB
ATP5F1D1	3.21E-11	0.365337	0.597	0.46	9.03E-07	Treg	ATP5F1D
MTHFD21	3.21E-11	0.515055	0.307	0.193	9.04E-07	Treg	MTHFD2
PSMB94	3.78E-11	0.383183	0.613	0.493	1.06E-06	Treg	PSMB9
TENT5C3	4.61E-11	0.404751	0.609	0.468	1.30E-06	Treg	TENT5C
BAX1	5.14E-11	0.474579	0.497	0.357	1.45E-06	Treg	BAX
CSTB	5.16E-11	0.395745	0.439	0.3	1.45E-06	Treg	CSTB
VAV34	5.31E-11	0.385977	0.348	0.221	1.50E-06	Treg	VAV3
PSMB3	5.69E-11	0.40859	0.426	0.3	1.60E-06	Treg	PSMB3
SUMO1	8.91E-11	0.337326	0.407	0.271	2.51E-06	Treg	SUMO1
CREM1	8.95E-11	0.483302	0.627	0.489	2.52E-06	Treg	CREM
UBE2B	9.23E-11	0.331388	0.469	0.335	2.60E-06	Treg	UBE2B
KLF61	9.64E-11	0.35353	0.84	0.71	2.71E-06	Treg	KLF6
CTSZ1	1.03E-10	0.400895	0.254	0.148	2.89E-06	Treg	CTSZ

COPZ11	1.08E-10	0.34774	0.284	0.172	3.03E-06	Treg	COPZ1
RAP1A	1.13E-10	0.306885	0.549	0.405	3.17E-06	Treg	RAP1A
H1FX1	1.16E-10	0.513344	0.636	0.496	3.28E-06	Treg	H1FX
CLPP	1.22E-10	0.382246	0.341	0.218	3.44E-06	Treg	CLPP
MIF2	1.35E-10	0.385874	0.764	0.647	3.80E-06	Treg	MIF
CASP1	1.50E-10	0.356571	0.263	0.155	4.21E-06	Treg	CASP1
COX6A1	1.52E-10	0.279061	0.707	0.557	4.27E-06	Treg	COX6A1
C17orf491	1.53E-10	0.335847	0.311	0.195	4.30E-06	Treg	C17orf49
CHMP2A	1.73E-10	0.35661	0.275	0.165	4.86E-06	Treg	CHMP2A
SNX5	1.82E-10	0.341481	0.295	0.181	5.11E-06	Treg	SNX5
ATP5F1E2	1.89E-10	0.259194	0.904	0.792	5.31E-06	Treg	ATP5F1E
HNRNPK1	2.71E-10	0.360797	0.682	0.557	7.63E-06	Treg	HNRNPK
ARPC41	2.81E-10	0.308533	0.485	0.353	7.92E-06	Treg	ARPC4
AGTRAP1	3.00E-10	0.422904	0.261	0.157	8.45E-06	Treg	AGTRAP
PPP1CA2	3.39E-10	0.402217	0.517	0.398	9.52E-06	Treg	PPP1CA
PRDX11	3.82E-10	0.439277	0.446	0.322	1.08E-05	Treg	PRDX1
ATP5MG2	3.82E-10	0.305064	0.76	0.663	1.08E-05	Treg	ATP5MG
COX6C	3.99E-10	0.336771	0.636	0.521	1.12E-05	Treg	COX6C
PRNP	4.25E-10	0.383106	0.325	0.21	1.19E-05	Treg	PRNP
PGAM1	4.46E-10	0.412389	0.43	0.308	1.26E-05	Treg	PGAM1
R3HDM4	5.19E-10	0.343788	0.311	0.197	1.46E-05	Treg	R3HDM4
NCOA3	5.87E-10	0.256209	0.314	0.195	1.65E-05	Treg	NCOA3
IFI62	5.98E-10	0.523828	0.398	0.273	1.68E-05	Treg	IFI6
ARPC32	6.13E-10	0.314745	0.755	0.637	1.73E-05	Treg	ARPC3
EIF3H1	6.77E-10	0.339326	0.604	0.476	1.91E-05	Treg	EIF3H
S100A63	7.08E-10	0.339718	0.76	0.618	1.99E-05	Treg	S100A6
TSC22D33	7.63E-10	0.279715	0.945	0.853	2.15E-05	Treg	TSC22D3
TMEM2581	7.83E-10	0.32053	0.533	0.399	2.20E-05	Treg	TMEM258
COX6B11	7.98E-10	0.268559	0.652	0.532	2.25E-05	Treg	COX6B1
WDR83OS	8.40E-10	0.327853	0.499	0.374	2.36E-05	Treg	WDR83OS
PSMA5	9.15E-10	0.310605	0.387	0.261	2.57E-05	Treg	PSMA5
GYPC3	9.44E-10	0.299094	0.648	0.521	2.65E-05	Treg	GYPC
CCND21	9.91E-10	0.369837	0.314	0.201	2.79E-05	Treg	CCND2
PPP4R2	1.05E-09	0.352844	0.311	0.198	2.95E-05	Treg	PPP4R2
CYTIP1	1.10E-09	0.331298	0.762	0.641	3.08E-05	Treg	CYTIP
OTUB11	1.17E-09	0.340462	0.398	0.275	3.30E-05	Treg	OTUB1
MAP3K51	1.22E-09	0.252199	0.339	0.22	3.44E-05	Treg	MAP3K5
ISG151	1.27E-09	0.596715	0.398	0.279	3.57E-05	Treg	ISG15
CXCR31	1.43E-09	0.326834	0.314	0.198	4.03E-05	Treg	CXCR3
RASGRP1	1.61E-09	0.252462	0.334	0.214	4.54E-05	Treg	RASGRP1
APOO1	2.06E-09	0.341349	0.35	0.225	5.80E-05	Treg	APOO
UBE2N	2.17E-09	0.294503	0.375	0.255	6.10E-05	Treg	UBE2N
RGS102	2.23E-09	0.335282	0.531	0.397	6.26E-05	Treg	RGS10
TPI12	2.24E-09	0.320132	0.636	0.498	6.31E-05	Treg	TPI1
CDV3	2.73E-09	0.322585	0.419	0.298	7.67E-05	Treg	CDV3
CIRBP	2.73E-09	0.366573	0.762	0.635	7.68E-05	Treg	CIRBP
WDR11	2.73E-09	0.353753	0.465	0.343	7.69E-05	Treg	WDR1

CMTM3	2.87E-09	0.338711	0.309	0.199	8.06E-05	Treg	CMTM3
HBP1	3.40E-09	0.301433	0.297	0.188	9.55E-05	Treg	HBP1
SNHG292	3.42E-09	0.323939	0.682	0.563	9.62E-05	Treg	SNHG29
PARP1	3.96E-09	0.376487	0.336	0.224	0.000112	Treg	PARP1
NR3C1	4.02E-09	0.570435	0.435	0.33	0.000113	Treg	NR3C1
SUMO3	4.22E-09	0.335169	0.263	0.163	0.000119	Treg	SUMO3
ARID4A	4.52E-09	0.298786	0.307	0.193	0.000127	Treg	ARID4A
ARPC21	4.85E-09	0.261422	0.764	0.66	0.000136	Treg	ARPC2
RPS27L	4.99E-09	0.447829	0.416	0.303	0.00014	Treg	RPS27L
SNX17	5.00E-09	0.314239	0.318	0.207	0.000141	Treg	SNX17
SLC25A61	5.00E-09	0.319775	0.725	0.616	0.000141	Treg	SLC25A6
DGKA1	5.05E-09	0.286559	0.297	0.188	0.000142	Treg	DGKA
RPS4Y12	5.54E-09	0.364484	0.597	0.469	0.000156	Treg	RPS4Y1
BSG1	6.08E-09	0.324646	0.458	0.337	0.000171	Treg	BSG
TMEM2191	6.54E-09	0.36533	0.371	0.258	0.000184	Treg	TMEM219
ATP5PO1	6.99E-09	0.313542	0.499	0.377	0.000197	Treg	ATP5PO
COX7C3	7.03E-09	0.261481	0.783	0.665	0.000198	Treg	COX7C
GSTK11	7.37E-09	0.344719	0.611	0.502	0.000207	Treg	GSTK1
HIGD2A	7.39E-09	0.317045	0.547	0.437	0.000208	Treg	HIGD2A
PSMB6	8.80E-09	0.354887	0.387	0.275	0.000248	Treg	PSMB6
PAM1	9.11E-09	0.265529	0.277	0.171	0.000256	Treg	PAM
CIB11	9.12E-09	0.339798	0.563	0.439	0.000257	Treg	CIB1
WSB11	1.02E-08	0.501516	0.54	0.416	0.000288	Treg	WSB1
CHCHD21	1.05E-08	0.32548	0.712	0.614	0.000296	Treg	CHCHD2
NDUFA11	1.11E-08	0.360901	0.513	0.401	0.000311	Treg	NDUFA11
PAIP2	1.20E-08	0.325329	0.485	0.367	0.000337	Treg	PAIP2
MAT2B1	1.25E-08	0.344046	0.378	0.267	0.000351	Treg	MAT2B
ETFB	1.34E-08	0.287343	0.261	0.162	0.000376	Treg	ETFB
UQCRB2	1.49E-08	0.26203	0.735	0.605	0.000418	Treg	UQCRB
RNASEK2	1.74E-08	0.328742	0.659	0.537	0.00049	Treg	RNASEK
EMP31	2.22E-08	0.340467	0.554	0.44	0.000624	Treg	EMP3
SARAF1	2.24E-08	0.260927	0.931	0.856	0.00063	Treg	SARAF
UBE2D2	2.34E-08	0.264356	0.622	0.504	0.000659	Treg	UBE2D2
CHURC1	2.37E-08	0.372217	0.458	0.342	0.000666	Treg	CHURC1
G3BP21	2.47E-08	0.368542	0.471	0.347	0.000694	Treg	G3BP2
CFLAR3	2.71E-08	0.268128	0.533	0.4	0.000763	Treg	CFLAR
IVNS1ABP1	2.74E-08	0.412056	0.426	0.315	0.000771	Treg	IVNS1ABP
MX12	2.75E-08	0.41302	0.343	0.234	0.000773	Treg	MX1
EEF23	2.83E-08	0.256438	0.863	0.751	0.000796	Treg	EEF2
ISCU	2.89E-08	0.319067	0.421	0.307	0.000814	Treg	ISCU
NDUFC1	2.93E-08	0.293161	0.272	0.174	0.000825	Treg	NDUFC1
TUT7	3.11E-08	0.301716	0.261	0.164	0.000876	Treg	TUT7
JPT11	3.68E-08	0.296487	0.357	0.251	0.001036	Treg	JPT1
PLIN21	3.82E-08	0.703727	0.314	0.221	0.001074	Treg	PLIN2
RANBP1	3.94E-08	0.351566	0.284	0.187	0.001107	Treg	RANBP1
IRF9	3.98E-08	0.345674	0.346	0.24	0.001119	Treg	IRF9
PPP1R182	3.99E-08	0.374022	0.43	0.322	0.001123	Treg	PPP1R18

MAP4K1	4.07E-08	0.262784	0.286	0.185	0.001144	Treg	MAP4K1
NOP10	4.08E-08	0.343134	0.362	0.255	0.001149	Treg	NOP10
TAP12	4.20E-08	0.350657	0.407	0.293	0.001182	Treg	TAP1
GLCCI12	4.22E-08	0.394921	0.423	0.316	0.001186	Treg	GLCCI1
SOCS32	4.73E-08	0.363707	0.261	0.167	0.001331	Treg	SOCS3
ADD33	4.84E-08	0.297161	0.366	0.257	0.001361	Treg	ADD3
CMTM7	5.15E-08	0.276156	0.336	0.226	0.001448	Treg	CMTM7
ARL6IP11	5.18E-08	0.332215	0.533	0.416	0.001457	Treg	ARL6IP1
UFD1	5.26E-08	0.263123	0.256	0.16	0.00148	Treg	UFD1
CSK2	5.38E-08	0.341449	0.435	0.33	0.001513	Treg	CSK
AP2M11	5.89E-08	0.301828	0.373	0.265	0.001657	Treg	AP2M1
MRFAP1	6.11E-08	0.306343	0.316	0.217	0.00172	Treg	MRFAP1
HNRNPR	6.70E-08	0.27418	0.387	0.276	0.001884	Treg	HNRNPR
ATP5MF	6.95E-08	0.311818	0.444	0.34	0.001955	Treg	ATP5MF
LAMTOR5	7.31E-08	0.26857	0.304	0.203	0.002056	Treg	LAMTOR5
TNFRSF141	7.68E-08	0.35801	0.368	0.264	0.002162	Treg	TNFRSF14
ANXA7	8.03E-08	0.261728	0.32	0.216	0.00226	Treg	ANXA7
EDF11	8.66E-08	0.255351	0.625	0.517	0.002435	Treg	EDF1
GABARAP1	9.42E-08	0.285455	0.652	0.538	0.002652	Treg	GABARAP
SMAP21	1.00E-07	0.260528	0.732	0.599	0.002824	Treg	SMAP2
ARHGEF6	1.05E-07	0.251698	0.275	0.178	0.00296	Treg	ARHGEF6
TMEM59	1.11E-07	0.31873	0.519	0.406	0.003113	Treg	TMEM59
COX14	1.15E-07	0.314854	0.323	0.224	0.00325	Treg	COX14
TALDO1	1.40E-07	0.270124	0.334	0.229	0.003938	Treg	TALDO1
PPP1CC	1.40E-07	0.283208	0.339	0.237	0.003953	Treg	PPP1CC
NAP1L41	1.42E-07	0.298084	0.499	0.385	0.003996	Treg	NAP1L4
NT5C3A	1.45E-07	0.292658	0.256	0.164	0.004072	Treg	NT5C3A
ANXA111	1.52E-07	0.301074	0.474	0.366	0.004267	Treg	ANXA11
DOK22	1.76E-07	0.273603	0.357	0.248	0.004952	Treg	DOK2
ERH	1.89E-07	0.293916	0.396	0.286	0.00532	Treg	ERH
AQP31	2.07E-07	0.282798	0.272	0.175	0.005836	Treg	AQP3
LAT3	2.09E-07	0.348933	0.449	0.357	0.005869	Treg	LAT
AKIRIN21	2.10E-07	0.30615	0.352	0.251	0.005903	Treg	AKIRIN2
MRPS24	2.13E-07	0.278421	0.265	0.174	0.005983	Treg	MRPS24
NDUFB11	2.20E-07	0.291046	0.526	0.413	0.006195	Treg	NDUFB11
CRIP12	2.38E-07	0.267618	0.696	0.586	0.006705	Treg	CRIP1
LY6E3	2.49E-07	0.386412	0.643	0.555	0.007017	Treg	LY6E
HMGN21	2.72E-07	0.29984	0.568	0.468	0.007652	Treg	HMGN2
SRI	2.76E-07	0.353401	0.357	0.256	0.007756	Treg	SRI
KIF5B	3.14E-07	0.261935	0.391	0.282	0.008842	Treg	KIF5B
ATP6V1F1	3.76E-07	0.277744	0.403	0.296	0.010585	Treg	ATP6V1F
HSPB13	4.40E-07	0.304724	0.391	0.284	0.01239	Treg	HSPB1
PSMG2	4.53E-07	0.313361	0.284	0.193	0.012747	Treg	PSMG2
POLD4	5.35E-07	0.287028	0.426	0.321	0.015044	Treg	POLD4
C4orf31	5.53E-07	0.266896	0.465	0.355	0.015563	Treg	C4orf3
ATP5PB1	6.65E-07	0.313728	0.405	0.309	0.018704	Treg	ATP5PB
ARL6IP5	6.79E-07	0.288258	0.595	0.492	0.019103	Treg	ARL6IP5

PFDN2	7.11E-07	0.356799	0.265	0.181	0.020014	Treg	PFDN2
RHOG1	7.18E-07	0.308122	0.442	0.341	0.020212	Treg	RHOG
TMPO	7.51E-07	0.288625	0.254	0.166	0.021127	Treg	TMPO
STAT1	8.26E-07	0.365731	0.371	0.267	0.023255	Treg	STAT1
LCK3	1.38E-06	0.255214	0.613	0.529	0.038959	Treg	LCK
OST42	1.48E-06	0.252929	0.703	0.586	0.04153	Treg	OST4
NDUFA7	1.49E-06	0.278933	0.27	0.186	0.042027	Treg	NDUFA7
CAST2	1.54E-06	0.266197	0.465	0.356	0.043404	Treg	CAST
PIM31	1.57E-06	0.343186	0.277	0.192	0.044107	Treg	PIM3
MDH1	1.71E-06	0.28309	0.311	0.221	0.048221	Treg	MDH1
ECH11	1.75E-06	0.266273	0.412	0.314	0.04911	Treg	ECH1
MZT2A2	1.89E-06	0.294874	0.41	0.315	0.053176	Treg	MZT2A
NDUFB4	2.01E-06	0.303826	0.407	0.314	0.056434	Treg	NDUFB4
TNFSF12	2.19E-06	0.328015	0.33	0.242	0.061618	Treg	TNFSF12
BRK1	2.42E-06	0.266415	0.458	0.367	0.067958	Treg	BRK1
FDFT1	2.44E-06	0.250834	0.291	0.203	0.06864	Treg	FDFT1
EIF3I	2.47E-06	0.309731	0.339	0.246	0.069444	Treg	EIF3I
COX16	2.63E-06	0.27012	0.261	0.177	0.073911	Treg	COX16
RHOC2	2.95E-06	0.417235	0.357	0.276	0.082885	Treg	RHOC
PPP2CA	3.32E-06	0.256604	0.428	0.337	0.09342	Treg	PPP2CA
PSMC5	4.13E-06	0.267036	0.341	0.247	0.116234	Treg	PSMC5
JTB	4.42E-06	0.25187	0.442	0.341	0.12435	Treg	JTB
PDCD6	4.49E-06	0.259338	0.327	0.235	0.12643	Treg	PDCD6
TSTD11	5.04E-06	0.282139	0.362	0.273	0.141808	Treg	TSTD1
COX17	5.80E-06	0.302506	0.3	0.215	0.163302	Treg	COX17
MALT11	7.19E-06	0.306541	0.339	0.253	0.202174	Treg	MALT1
DCTN31	7.87E-06	0.250321	0.327	0.24	0.221369	Treg	DCTN3
MRPL52	8.00E-06	0.282897	0.259	0.18	0.224985	Treg	MRPL52
MPC21	8.21E-06	0.312438	0.297	0.218	0.230888	Treg	MPC2
TMED91	8.59E-06	0.295434	0.343	0.257	0.241718	Treg	TMED9
LRPAP1	1.06E-05	0.288027	0.291	0.215	0.297476	Treg	LRPAP1
PSMA21	1.15E-05	0.300803	0.352	0.273	0.322621	Treg	PSMA2
UBALD21	1.20E-05	0.311594	0.508	0.426	0.338503	Treg	UBALD2
AP001011.1	1.43E-05	0.254142	0.279	0.198	0.403078	Treg	AP001011.1
RCAN32	1.71E-05	0.268391	0.297	0.213	0.482278	Treg	RCAN3
NEDD92	1.88E-05	0.275079	0.396	0.309	0.527879	Treg	NEDD9
NDUFS81	2.54E-05	0.25573	0.323	0.24	0.71439	Treg	NDUFS8
EIF5A1	3.55E-05	0.281007	0.412	0.328	1	Treg	EIF5A
S100A102	3.86E-05	0.293638	0.622	0.553	1	Treg	S100A10
LGALS12	6.44E-05	0.370987	0.277	0.205	1	Treg	LGALS1
CMTM61	7.29E-05	0.270102	0.286	0.211	1	Treg	CMTM6
PRDX52	7.83E-05	0.290232	0.357	0.282	1	Treg	PRDX5
DPP7	8.07E-05	0.289975	0.41	0.333	1	Treg	DPP7
TACC11	0.000107	0.271546	0.334	0.262	1	Treg	TACC1
AIP	0.000133	0.252703	0.325	0.252	1	Treg	AIP
LAPTM4A1	0.000138	0.308124	0.293	0.226	1	Treg	LAPTM4A
TMEM256	0.000188	0.253136	0.27	0.204	1	Treg	TMEM256

SERPINB91	0.000237	0.32173	0.394	0.315	1 Treg	SERPINB9
LIME11	0.00025	0.302816	0.449	0.393	1 Treg	LIME1
UBE2L61	0.00029	0.260373	0.378	0.31	1 Treg	UBE2L6
TCEA1	0.00082	0.294026	0.375	0.306	1 Treg	TCEA1
KIT	0	2.673309	0.689	0.005	0 NK.memlik	KIT
PCDH9	0	2.066996	0.405	0.003	0 NK.memlik	PCDH9
IL1R1	3.62E-278	1.47121	0.311	0.005	1.02E-273 NK.memlik	IL1R1
PPP1R9A	1.25E-254	1.658016	0.324	0.006	3.53E-250 NK.memlik	PPP1R9A
AFF3	8.26E-204	2.713698	0.568	0.024	2.32E-199 NK.memlik	AFF3
SPINK2	1.11E-158	1.174885	0.257	0.006	3.12E-154 NK.memlik	SPINK2
TNFRSF181	1.94E-91	1.74825	0.527	0.044	5.47E-87 NK.memlik	TNFRSF18
TOX21	3.58E-91	1.627477	0.378	0.023	1.01E-86 NK.memlik	TOX2
AL136456.	5.98E-90	3.381565	0.595	0.058	1.68E-85 NK.memlik	AL136456.1
TNFRSF41	1.35E-87	1.651938	0.486	0.039	3.79E-83 NK.memlik	TNFRSF4
SCN1B	7.57E-80	1.524512	0.27	0.013	2.13E-75 NK.memlik	SCN1B
AREG3	1.21E-62	3.196152	0.932	0.231	3.39E-58 NK.memlik	AREG
COL9A2	5.27E-61	0.867949	0.284	0.019	1.48E-56 NK.memlik	COL9A2
IL4I1	1.19E-60	1.874673	0.419	0.041	3.35E-56 NK.memlik	IL4I1
TLE1	1.08E-54	1.473385	0.514	0.066	3.05E-50 NK.memlik	TLE1
SOX4	1.11E-53	1.441694	0.378	0.038	3.12E-49 NK.memlik	SOX4
LINC00299	3.25E-44	1.936773	0.473	0.069	9.15E-40 NK.memlik	LINC00299
SVIL	2.30E-41	1.622869	0.351	0.041	6.48E-37 NK.memlik	SVIL
SSBP2	4.10E-37	1.74806	0.514	0.094	1.15E-32 NK.memlik	SSBP2
PLPP1	3.44E-32	1.3414	0.365	0.055	9.68E-28 NK.memlik	PLPP1
KRT861	2.07E-30	1.328529	0.338	0.05	5.82E-26 NK.memlik	KRT86
DOCK5	4.17E-30	1.117393	0.392	0.065	1.17E-25 NK.memlik	DOCK5
FRY	1.25E-27	0.671417	0.257	0.032	3.52E-23 NK.memlik	FRY
TMIGD21	7.80E-27	1.303888	0.419	0.082	2.19E-22 NK.memlik	TMIGD2
NFKB13	1.24E-26	1.774779	0.892	0.41	3.49E-22 NK.memlik	NFKB1
LST11	1.37E-25	1.606988	0.405	0.084	3.85E-21 NK.memlik	LST1
IL18R1	1.17E-23	1.216045	0.419	0.09	3.30E-19 NK.memlik	IL18R1
AGPAT5	2.61E-23	1.229389	0.432	0.096	7.35E-19 NK.memlik	AGPAT5
NRIP11	6.15E-22	1.193378	0.459	0.114	1.73E-17 NK.memlik	NRIP1
PRMT9	6.82E-22	1.350858	0.5	0.133	1.92E-17 NK.memlik	PRMT9
XCL22	5.31E-21	2.250996	0.527	0.16	1.49E-16 NK.memlik	XCL2
TIMP1	7.02E-21	1.262612	0.473	0.123	1.97E-16 NK.memlik	TIMP1
GRAMD2B	7.29E-21	1.038798	0.297	0.054	2.05E-16 NK.memlik	GRAMD2B
GRASP3	6.44E-20	1.518036	0.486	0.135	1.81E-15 NK.memlik	GRASP
FURIN	2.23E-19	0.940778	0.324	0.065	6.27E-15 NK.memlik	FURIN
CCR6	3.41E-19	1.488629	0.365	0.083	9.60E-15 NK.memlik	CCR6
CCNG2	6.32E-19	0.953872	0.297	0.057	1.78E-14 NK.memlik	CCNG2
HIPK22	1.25E-18	1.258887	0.459	0.127	3.51E-14 NK.memlik	HIPK2
TNFRSF25	2.16E-18	1.118422	0.378	0.094	6.08E-14 NK.memlik	TNFRSF25
KCTD9	2.92E-18	0.623192	0.284	0.053	8.23E-14 NK.memlik	KCTD9
SPAG1	3.32E-18	0.751262	0.27	0.05	9.35E-14 NK.memlik	SPAG1
IL7R2	9.76E-18	1.290358	0.892	0.494	2.75E-13 NK.memlik	IL7R
LTBP3	1.09E-17	0.839397	0.324	0.071	3.06E-13 NK.memlik	LTBP3

NFKBIA3	2.04E-17	1.381449	0.946	0.745	5.73E-13	NK.memlik NFKBIA
CAT	2.46E-17	1.042249	0.419	0.116	6.91E-13	NK.memlik CAT
TCF72	1.19E-16	1.277118	0.568	0.206	3.35E-12	NK.memlik TCF7
IRAK31	2.07E-16	1.20417	0.351	0.087	5.82E-12	NK.memlik IRAK3
ANKRD28	2.70E-16	1.444738	0.473	0.147	7.60E-12	NK.memlik ANKRD28
AC018816.	2.83E-16	0.991904	0.311	0.071	7.96E-12	NK.memlik AC018816.1
ATP8B42	4.80E-16	1.040086	0.324	0.077	1.35E-11	NK.memlik ATP8B4
NCOA7	4.84E-16	1.16697	0.514	0.174	1.36E-11	NK.memlik NCOA7
XCL14	1.03E-15	1.660272	0.541	0.196	2.91E-11	NK.memlik XCL1
TRDC2	1.32E-15	0.879956	0.27	0.056	3.73E-11	NK.memlik TRDC
COQ8A	3.81E-15	0.943499	0.284	0.064	1.07E-10	NK.memlik COQ8A
AHR	1.95E-14	0.919725	0.419	0.125	5.49E-10	NK.memlik AHR
SKAP21	2.34E-14	1.045662	0.405	0.12	6.59E-10	NK.memlik SKAP2
ZFP36L11	2.67E-14	1.337776	0.865	0.583	7.51E-10	NK.memlik ZFP36L1
SEC11A1	3.87E-14	0.98396	0.649	0.289	1.09E-09	NK.memlik SEC11A
RUNX2	5.54E-14	1.234943	0.541	0.203	1.56E-09	NK.memlik RUNX2
IFNGR21	6.49E-14	0.666565	0.297	0.072	1.83E-09	NK.memlik IFNGR2
ARHGAP10	1.02E-13	0.842403	0.324	0.084	2.86E-09	NK.memlik ARHGAP10
MAP3K84	1.21E-13	1.196941	0.703	0.338	3.42E-09	NK.memlik MAP3K8
KLRB14	1.68E-13	1.321584	0.757	0.359	4.72E-09	NK.memlik KLRB1
ZMIZ11	4.94E-13	1.011731	0.324	0.089	1.39E-08	NK.memlik ZMIZ1
ICAM11	5.01E-13	1.025354	0.311	0.083	1.41E-08	NK.memlik ICAM1
MPG	1.03E-12	0.944964	0.446	0.16	2.89E-08	NK.memlik MPG
ZFAND51	1.18E-12	1.204355	0.689	0.376	3.31E-08	NK.memlik ZFAND5
NR4A12	1.74E-12	1.014342	0.635	0.28	4.89E-08	NK.memlik NR4A1
CITED4	2.42E-12	0.538763	0.27	0.066	6.81E-08	NK.memlik CITED4
STAM1	2.60E-12	0.734131	0.365	0.109	7.31E-08	NK.memlik STAM
CD75	3.14E-12	1.101936	0.824	0.52	8.84E-08	NK.memlik CD7
SLC16A31	4.46E-12	0.709684	0.338	0.1	1.25E-07	NK.memlik SLC16A3
ZBTB163	7.75E-12	0.847589	0.554	0.23	2.18E-07	NK.memlik ZBTB16
RIPK2	1.67E-11	0.949712	0.297	0.085	4.70E-07	NK.memlik RIPK2
IL4R	2.11E-11	0.843462	0.324	0.097	5.94E-07	NK.memlik IL4R
AHI1	2.21E-11	1.028518	0.324	0.097	6.21E-07	NK.memlik AHI1
FXYD53	2.48E-11	1.152671	0.851	0.682	6.99E-07	NK.memlik FXYD5
TSC22D34	4.51E-11	0.88514	0.973	0.854	1.27E-06	NK.memlik TSC22D3
PHLDA11	6.17E-11	1.304789	0.405	0.145	1.74E-06	NK.memlik PHLDA1
TPT12	6.90E-11	0.669181	1	0.922	1.94E-06	NK.memlik TPT1
REEP3	8.86E-11	0.766599	0.324	0.1	2.49E-06	NK.memlik REEP3
EEF1A13	1.18E-10	0.661253	0.973	0.95	3.33E-06	NK.memlik EEF1A1
XYLT1	1.27E-10	0.895296	0.405	0.146	3.56E-06	NK.memlik XYLT1
JMY	2.78E-10	1.417268	0.5	0.229	7.81E-06	NK.memlik JMY
UNC93B11	5.36E-10	0.621851	0.27	0.078	1.51E-05	NK.memlik UNC93B1
PABPC12	6.54E-10	0.721191	0.959	0.805	1.84E-05	NK.memlik PABPC1
ANKRD10	7.13E-10	0.748176	0.486	0.203	2.01E-05	NK.memlik ANKRD10
ATP10A	8.16E-10	0.575898	0.311	0.097	2.29E-05	NK.memlik ATP10A
KDM1A	1.75E-09	0.538319	0.284	0.087	4.92E-05	NK.memlik KDM1A
DUSP13	1.81E-09	0.91534	0.959	0.841	5.10E-05	NK.memlik DUSP1

SELENOS	2.07E-09	0.639764	0.419	0.163	5.83E-05	NK.memlik SELENOS
FOS2	2.11E-09	0.859316	0.986	0.821	5.93E-05	NK.memlik FOS
MAFF3	2.35E-09	0.840388	0.459	0.194	6.62E-05	NK.memlik MAFF
TTN	3.12E-09	0.550202	0.257	0.074	8.79E-05	NK.memlik TTN
PRR51	3.28E-09	0.850911	0.392	0.16	9.23E-05	NK.memlik PRR5
FOSB1	3.83E-09	1.131923	0.851	0.585	0.000108	NK.memlik FOSB
JUND3	4.65E-09	0.919395	0.932	0.812	0.000131	NK.memlik JUND
PIM23	5.08E-09	1.099481	0.486	0.224	0.000143	NK.memlik PIM2
B4GALT5	5.41E-09	0.603808	0.27	0.083	0.000152	NK.memlik B4GALT5
PRNP1	7.46E-09	0.863352	0.473	0.211	0.00021	NK.memlik PRNP
TYROBP3	7.79E-09	0.52399	0.676	0.312	0.000219	NK.memlik TYROBP
NSMCE1	9.42E-09	0.639646	0.392	0.154	0.000265	NK.memlik NSMCE1
NCALD2	1.12E-08	0.754989	0.446	0.179	0.000316	NK.memlik NCALD
GSN1	1.19E-08	0.559461	0.338	0.116	0.000335	NK.memlik GSN
ST3GAL1	1.94E-08	0.670554	0.568	0.284	0.000547	NK.memlik ST3GAL1
SNHG293	2.88E-08	0.821364	0.743	0.564	0.00081	NK.memlik SNHG29
HNRNPA02	2.99E-08	0.897887	0.716	0.471	0.000843	NK.memlik HNRNPA0
HMG33	3.74E-08	0.599124	0.527	0.246	0.001051	NK.memlik HMG33
WDFY21	4.33E-08	0.562702	0.324	0.118	0.001218	NK.memlik WDFY2
FCER1G3	4.91E-08	0.636304	0.446	0.185	0.001383	NK.memlik FCER1G
DNAAF21	7.45E-08	0.823317	0.365	0.154	0.002096	NK.memlik DNAAF2
LAT21	7.73E-08	0.539585	0.27	0.09	0.002174	NK.memlik LAT2
PER11	8.18E-08	0.763315	0.635	0.362	0.002301	NK.memlik PER1
EPAS11	8.90E-08	0.654599	0.351	0.134	0.002504	NK.memlik EPAS1
BACH22	9.06E-08	0.759834	0.486	0.231	0.002549	NK.memlik BACH2
EEF1G3	1.31E-07	0.677649	0.865	0.692	0.003688	NK.memlik EEF1G
BCL61	1.50E-07	1.031877	0.311	0.125	0.004229	NK.memlik BCL6
AC253572.	1.78E-07	0.855243	0.284	0.104	0.005009	NK.memlik AC253572.2
HDAC91	2.18E-07	0.607658	0.257	0.087	0.006144	NK.memlik HDAC9
RIN33	2.20E-07	0.524017	0.405	0.175	0.006186	NK.memlik RIN3
PABPC41	2.77E-07	0.764341	0.405	0.184	0.007793	NK.memlik PABPC4
SSH11	2.87E-07	0.509903	0.257	0.089	0.008088	NK.memlik SSH1
OTUD5	2.95E-07	0.699831	0.351	0.147	0.008302	NK.memlik OTUD5
NPLOC4	3.15E-07	0.458744	0.284	0.104	0.008855	NK.memlik NPLOC4
CTNNB12	3.35E-07	0.867025	0.486	0.256	0.009423	NK.memlik CTNNB1
AQP32	3.44E-07	0.865639	0.392	0.176	0.009691	NK.memlik AQP3
PRPF6	3.56E-07	0.730117	0.405	0.183	0.010029	NK.memlik PRPF6
LTB3	4.73E-07	1.262875	0.554	0.354	0.013301	NK.memlik LTB
ZCCHC2	5.74E-07	0.49021	0.297	0.111	0.016165	NK.memlik ZCCHC2
HIPK1	5.80E-07	0.67185	0.392	0.171	0.016308	NK.memlik HIPK1
SEC14L11	6.09E-07	1.137081	0.351	0.156	0.017148	NK.memlik SEC14L1
RPL83	6.26E-07	0.447503	0.932	0.886	0.017628	NK.memlik RPL8
CHKA1	7.91E-07	0.685683	0.257	0.094	0.022253	NK.memlik CHKA
BTBD11	8.07E-07	0.569893	0.284	0.106	0.022715	NK.memlik BTBD11
NFKB2	8.94E-07	0.442296	0.297	0.113	0.025145	NK.memlik NFKB2
AC020916.	9.24E-07	0.573112	0.527	0.27	0.025992	NK.memlik AC020916.1
H2AFY1	9.92E-07	0.828178	0.473	0.256	0.027925	NK.memlik H2AFY

TMEM2431	1.04E-06	0.71565	0.473	0.237	0.029385	NK.memlik TMEM243
RPS3A3	1.16E-06	0.414719	0.986	0.903	0.032517	NK.memlik RPS3A
MOB3A	1.17E-06	0.388418	0.324	0.13	0.032822	NK.memlik MOB3A
SEPTIN11	1.27E-06	0.49594	0.257	0.094	0.035864	NK.memlik SEPTIN11
CASP3	1.32E-06	0.521924	0.311	0.125	0.037012	NK.memlik CASP3
ELK3	1.46E-06	0.700994	0.27	0.105	0.041055	NK.memlik ELK3
RACK13	1.97E-06	0.46602	0.919	0.847	0.055357	NK.memlik RACK1
POR	2.29E-06	0.633865	0.257	0.096	0.064324	NK.memlik POR
RPL92	2.43E-06	0.518485	0.905	0.825	0.068371	NK.memlik RPL9
PLCB11	2.62E-06	0.446553	0.351	0.146	0.073858	NK.memlik PLCB1
MDFIC1	2.86E-06	0.559792	0.514	0.278	0.080454	NK.memlik MDFIC
AC012447.	3.06E-06	0.780665	0.297	0.123	0.086099	NK.memlik AC012447.1
MAML31	3.07E-06	0.788792	0.257	0.1	0.086298	NK.memlik MAML3
MGAT51	3.09E-06	0.413298	0.514	0.26	0.086888	NK.memlik MGAT5
SYPL1	3.23E-06	0.392023	0.311	0.126	0.090829	NK.memlik SYPL1
LRRFIP2	3.31E-06	0.4203	0.27	0.103	0.09306	NK.memlik LRRFIP2
RPS93	3.35E-06	0.417749	0.959	0.856	0.094263	NK.memlik RPS9
TMEM1232	3.94E-06	0.853384	0.486	0.273	0.110788	NK.memlik TMEM123
AC245014.	4.18E-06	0.580975	0.311	0.132	0.117519	NK.memlik AC245014.3
ABCC11	4.32E-06	0.678322	0.392	0.191	0.121624	NK.memlik ABCC1
MIS18BP11	4.41E-06	0.736872	0.392	0.201	0.124166	NK.memlik MIS18BP1
HTATSF1	4.72E-06	0.609434	0.297	0.125	0.13273	NK.memlik HTATSF1
PFKFB32	4.81E-06	0.650321	0.554	0.323	0.135416	NK.memlik PFKFB3
ADI1	4.96E-06	0.596205	0.257	0.101	0.139553	NK.memlik ADI1
RPL53	5.06E-06	0.488719	0.919	0.849	0.142302	NK.memlik RPL5
CSRNP12	5.18E-06	0.633024	0.689	0.427	0.145749	NK.memlik CSRNP1
RHOB1	5.23E-06	0.659503	0.473	0.242	0.14727	NK.memlik RHOB
ERGIC3	5.23E-06	0.53821	0.432	0.22	0.147286	NK.memlik ERGIC3
IFNGR12	5.29E-06	0.689356	0.514	0.276	0.148801	NK.memlik IFNGR1
ITGB1	5.60E-06	0.605353	0.595	0.365	0.157651	NK.memlik ITGB1
LINC00910	6.67E-06	0.892225	0.446	0.246	0.187547	NK.memlik LINC00910
EEF24	7.67E-06	0.607018	0.851	0.752	0.215818	NK.memlik EEF2
ID22	7.84E-06	0.828842	0.757	0.554	0.220492	NK.memlik ID2
GNAQ1	8.53E-06	0.460823	0.365	0.167	0.239913	NK.memlik GNAQ
RPL72	8.76E-06	0.569771	0.838	0.65	0.246531	NK.memlik RPL7
RNF1301	8.81E-06	0.60265	0.324	0.145	0.247916	NK.memlik RNF130
AC007952.	8.89E-06	0.752253	0.392	0.195	0.250101	NK.memlik AC007952.4
CDC14A1	8.95E-06	0.262669	0.527	0.28	0.251814	NK.memlik CDC14A
IFITM33	8.96E-06	0.661438	0.446	0.231	0.251979	NK.memlik IFITM3
BCL31	9.04E-06	0.524622	0.257	0.1	0.254247	NK.memlik BCL3
SERTAD2	9.92E-06	0.419519	0.27	0.109	0.279064	NK.memlik SERTAD2
SOCS11	1.15E-05	0.733829	0.649	0.427	0.323343	NK.memlik SOCS1
SESN1	1.28E-05	0.753273	0.338	0.16	0.359912	NK.memlik SESN1
RPL154	1.32E-05	0.482455	0.905	0.845	0.372338	NK.memlik RPL15
RERE	1.50E-05	0.707558	0.405	0.214	0.422405	NK.memlik RERE
TTC7A1	1.56E-05	0.513552	0.284	0.121	0.437969	NK.memlik TTC7A
PCNX4	1.60E-05	0.721953	0.297	0.134	0.450521	NK.memlik PCNX4

RAB11FIP1	1.65E-05	0.619414	0.297	0.132	0.465627	NK.memlik RAB11FIP1
CCDC57	2.18E-05	0.333298	0.297	0.127	0.612785	NK.memlik CCDC57
TEX141	2.23E-05	0.851557	0.541	0.321	0.628385	NK.memlik TEX14
TNFAIP32	2.42E-05	0.58107	0.919	0.78	0.682224	NK.memlik TNFAIP3
GADD45A2	2.48E-05	0.817451	0.338	0.165	0.699158	NK.memlik GADD45A
ZBED4	2.89E-05	0.480612	0.284	0.124	0.813251	NK.memlik ZBED4
MED30	3.16E-05	0.488966	0.324	0.153	0.888844	NK.memlik MED30
ELL23	3.24E-05	0.608978	0.649	0.418	0.911717	NK.memlik ELL2
MED13L2	3.30E-05	0.675972	0.419	0.221	0.928767	NK.memlik MED13L
RPL223	3.45E-05	0.405607	0.878	0.8	0.972151	NK.memlik RPL22
CRY11	3.47E-05	0.513145	0.365	0.176	0.977511	NK.memlik CRY1
BHLHE402	3.64E-05	0.770229	0.514	0.328	1	NK.memlik BHLHE40
COA4	4.39E-05	0.319067	0.257	0.106	1	NK.memlik COA4
ARL4A1	4.45E-05	0.61542	0.338	0.17	1	NK.memlik ARL4A
IER23	4.62E-05	0.583384	0.892	0.695	1	NK.memlik IER2
LINC02256	4.73E-05	0.541118	0.257	0.112	1	NK.memlik LINC02256
ERCC11	4.76E-05	0.41497	0.432	0.23	1	NK.memlik ERCC1
PGLS	4.97E-05	0.542875	0.419	0.226	1	NK.memlik PGLS
RPLP12	5.03E-05	0.410348	0.986	0.949	1	NK.memlik RPLP1
MAPK8	5.11E-05	0.442506	0.324	0.152	1	NK.memlik MAPK8
PPP1R15A2	5.49E-05	0.49549	0.824	0.582	1	NK.memlik PPP1R15A
RELB	5.53E-05	0.409612	0.338	0.163	1	NK.memlik RELB
CACUL11	5.56E-05	0.415188	0.27	0.118	1	NK.memlik CACUL1
ILK	5.66E-05	0.361742	0.311	0.145	1	NK.memlik ILK
SQSTM14	5.73E-05	0.363803	0.662	0.424	1	NK.memlik SQSTM1
ESYT21	6.46E-05	0.470898	0.459	0.256	1	NK.memlik ESYT2
PHACTR21	6.92E-05	0.316293	0.392	0.197	1	NK.memlik PHACTR2
ERGIC12	7.30E-05	0.454653	0.324	0.156	1	NK.memlik ERGIC1
BST23	7.51E-05	0.627602	0.554	0.358	1	NK.memlik BST2
PTOV1	7.60E-05	0.422475	0.284	0.131	1	NK.memlik PTOV1
SNHG25	7.90E-05	0.451473	0.378	0.192	1	NK.memlik SNHG25
NFKBIZ4	8.22E-05	0.669757	0.608	0.396	1	NK.memlik NFKBIZ
FLOT11	8.26E-05	0.524803	0.297	0.141	1	NK.memlik FLOT1
OSTC	8.83E-05	0.463897	0.446	0.246	1	NK.memlik OSTC
NINJ12	9.40E-05	0.620197	0.311	0.158	1	NK.memlik NINJ1
NME3	0.000114	0.353796	0.459	0.259	1	NK.memlik NME3
HSP90AB12	0.000116	0.495007	0.838	0.727	1	NK.memlik HSP90AB1
RPS6KA31	0.000137	0.547662	0.514	0.312	1	NK.memlik RPS6KA3
LYN3	0.000164	0.351237	0.297	0.14	1	NK.memlik LYN
RPS233	0.000167	0.321901	0.946	0.916	1	NK.memlik RPS23
CHD71	0.00017	0.626693	0.257	0.116	1	NK.memlik CHD7
IMPDH2	0.000174	0.375095	0.284	0.134	1	NK.memlik IMPDH2
SVIP	0.000183	0.326491	0.284	0.132	1	NK.memlik SVIP
TUBB1	0.000185	0.426043	0.527	0.318	1	NK.memlik TUBB
RPS83	0.000188	0.310223	0.973	0.918	1	NK.memlik RPS8
RPL10A3	0.000189	0.430377	0.905	0.822	1	NK.memlik RPL10A
RAB11B1	0.000189	0.446027	0.459	0.261	1	NK.memlik RAB11B

CD831	0.0002	0.739882	0.459	0.273	1 NK.memlik CD83
HNRNPA12	0.000209	0.474512	0.838	0.73	1 NK.memlik HNRNPA1
TPM41	0.000218	0.528968	0.419	0.239	1 NK.memlik TPM4
CRTAP1	0.000236	0.308151	0.27	0.126	1 NK.memlik CRTAP
ZFP363	0.000255	0.503082	0.919	0.877	1 NK.memlik ZFP36
UGCG	0.000266	0.414524	0.27	0.127	1 NK.memlik UGCG
RALBP1	0.000266	0.427277	0.351	0.186	1 NK.memlik RALBP1
IRF2BP2	0.000268	0.501226	0.324	0.173	1 NK.memlik IRF2BP2
DCAF11	0.000268	0.366352	0.257	0.121	1 NK.memlik DCAF11
RPS133	0.00027	0.303996	0.919	0.893	1 NK.memlik RPS13
OCIAD1	0.000297	0.377724	0.473	0.278	1 NK.memlik OCIAD1
31-Mar	0.000303	0.582739	0.284	0.142	1 NK.memlik 3-Mar
TESPA12	0.000304	0.435662	0.338	0.173	1 NK.memlik TESPA1
RBMS11	0.000309	0.724196	0.541	0.38	1 NK.memlik RBMS1
CCNI1	0.000318	0.44199	0.77	0.631	1 NK.memlik CCNI
STK24	0.00032	0.376625	0.473	0.281	1 NK.memlik STK24
PNRC12	0.000324	0.422798	0.919	0.799	1 NK.memlik PNRC1
YWHAH1	0.000361	0.257318	0.378	0.201	1 NK.memlik YWHAH
TDG	0.000367	0.511527	0.27	0.134	1 NK.memlik TDG
GLUL1	0.00039	0.459667	0.365	0.203	1 NK.memlik GLUL
CD811	0.000406	0.676234	0.73	0.599	1 NK.memlik CD81
ARID1B1	0.000411	0.601188	0.514	0.33	1 NK.memlik ARID1B
DDX3X1	0.000413	0.574259	0.635	0.443	1 NK.memlik DDX3X
RPS243	0.000434	0.298633	0.973	0.915	1 NK.memlik RPS24
TRBC12	0.000466	0.63468	0.5	0.327	1 NK.memlik TRBC1
ADAM10	0.00047	0.726447	0.405	0.242	1 NK.memlik ADAM10
SLC25A39	0.0005	0.290718	0.297	0.152	1 NK.memlik SLC25A39
INPP4A2	0.000509	0.526109	0.419	0.253	1 NK.memlik INPP4A
SMAP22	0.000525	0.531261	0.743	0.601	1 NK.memlik SMAP2
BIRC31	0.000528	0.646169	0.27	0.132	1 NK.memlik BIRC3
RPL143	0.000577	0.300453	0.932	0.896	1 NK.memlik RPL14
LTA4H	0.00058	0.254688	0.257	0.122	1 NK.memlik LTA4H
TCIRG12	0.000589	0.34582	0.392	0.219	1 NK.memlik TCIRG1
NAP1L1	0.00059	0.468817	0.541	0.368	1 NK.memlik NAP1L1
RASA22	0.000594	0.373186	0.608	0.412	1 NK.memlik RASA2
TGIF1	0.000626	0.337934	0.27	0.134	1 NK.memlik TGIF1
EIF2AK1	0.000652	0.500349	0.257	0.127	1 NK.memlik EIF2AK1
LPXN	0.000672	0.414137	0.473	0.302	1 NK.memlik LPXN
IRS21	0.000684	0.516527	0.284	0.147	1 NK.memlik IRS2
RORA2	0.000695	0.672859	0.581	0.422	1 NK.memlik RORA
FNDC3B1	0.000698	0.347642	0.297	0.152	1 NK.memlik FNDC3B
PABPN1	0.000734	0.406112	0.554	0.37	1 NK.memlik PABPN1
THEM4	0.000757	0.26223	0.27	0.131	1 NK.memlik THEM4
RPL323	0.00078	0.262887	0.946	0.926	1 NK.memlik RPL32
RPS52	0.000783	0.382427	0.865	0.838	1 NK.memlik RPS5
UXT1	0.000854	0.430131	0.568	0.381	1 NK.memlik UXT
CCT4	0.000896	0.389872	0.5	0.31	1 NK.memlik CCT4

UBASH3B1	0.000903	0.473979	0.284	0.148	1 NK.memlik UBASH3B
TMEM167A	0.000922	0.329063	0.257	0.126	1 NK.memlik TMEM167A
ELOVL51	0.000956	0.319109	0.486	0.308	1 NK.memlik ELOVL5
NORAD	0.000956	0.485395	0.284	0.149	1 NK.memlik NORAD
SYNCRIP	0.000965	0.394748	0.365	0.21	1 NK.memlik SYNCRIP
ETV61	0.000969	0.417104	0.338	0.191	1 NK.memlik ETV6
WDR741	0.000999	0.44178	0.365	0.218	1 NK.memlik WDR74
ARHGEF71	0.001044	0.513565	0.405	0.251	1 NK.memlik ARHGEF7
Z93241.11	0.001056	0.575073	0.311	0.17	1 NK.memlik Z93241.1
COMMD1	0.001074	0.330591	0.311	0.167	1 NK.memlik COMMD1
DUSP161	0.001083	0.375037	0.27	0.136	1 NK.memlik DUSP16
TMEM165	0.001146	0.263564	0.338	0.182	1 NK.memlik TMEM165
CNST1	0.001175	0.442591	0.311	0.17	1 NK.memlik CNST
HSH2D2	0.001193	0.570766	0.257	0.127	1 NK.memlik HSH2D
SMARCA22	0.001219	0.602667	0.527	0.372	1 NK.memlik SMARCA2
PDE4A	0.001233	0.375032	0.284	0.148	1 NK.memlik PDE4A
MEF2A1	0.001233	0.476766	0.351	0.197	1 NK.memlik MEF2A
GRAMD1A	0.001271	0.31951	0.365	0.207	1 NK.memlik GRAMD1A
MMP24OS	0.001335	0.465351	0.392	0.228	1 NK.memlik MMP24OS
RPL293	0.001389	0.279202	0.959	0.897	1 NK.memlik RPL29
G3BP1	0.001444	0.489538	0.365	0.224	1 NK.memlik G3BP1
CAPG1	0.001524	0.460385	0.311	0.173	1 NK.memlik CAPG
NME22	0.001539	0.439753	0.581	0.407	1 NK.memlik NME2
SF3B4	0.001576	0.403766	0.324	0.183	1 NK.memlik SF3B4
NR1D2	0.001586	0.430534	0.351	0.206	1 NK.memlik NR1D2
RPL133	0.001599	0.255454	0.986	0.941	1 NK.memlik RPL13
EIF3L2	0.001602	0.504306	0.527	0.38	1 NK.memlik EIF3L
SNRNP701	0.001625	0.442484	0.459	0.299	1 NK.memlik SNRNP70
NOP532	0.001636	0.354419	0.73	0.545	1 NK.memlik NOP53
SLTM1	0.001648	0.365049	0.5	0.331	1 NK.memlik SLTM
HIVEP21	0.001681	0.387821	0.419	0.25	1 NK.memlik HIVEP2
TAGLN24	0.001711	0.474323	0.676	0.502	1 NK.memlik TAGLN2
HDLBP	0.001732	0.375719	0.297	0.158	1 NK.memlik HDLBP
ODF2L	0.001781	0.559294	0.351	0.208	1 NK.memlik ODF2L
ZNF2922	0.001783	0.354377	0.432	0.26	1 NK.memlik ZNF292
STX16	0.001827	0.304956	0.324	0.177	1 NK.memlik STX16
CANX1	0.001902	0.311802	0.473	0.303	1 NK.memlik CANX
AC079793.1	0.001959	0.621882	0.284	0.159	1 NK.memlik AC079793.1
NR4A33	0.001962	0.569131	0.473	0.312	1 NK.memlik NR4A3
ITGB71	0.002013	0.348317	0.324	0.182	1 NK.memlik ITGB7
SET	0.002023	0.399883	0.581	0.429	1 NK.memlik SET
CTR9	0.002174	0.475487	0.297	0.17	1 NK.memlik CTR9
PRKCSH	0.002335	0.321822	0.311	0.175	1 NK.memlik PRKCSH
RPL43	0.002375	0.356355	0.824	0.718	1 NK.memlik RPL4
CMTM62	0.002417	0.3987	0.351	0.211	1 NK.memlik CMTM6
TRAF5	0.002431	0.3587	0.297	0.164	1 NK.memlik TRAF5
VPS13B2	0.002487	0.331185	0.405	0.247	1 NK.memlik VPS13B

FPGS	0.002576	0.445571	0.257	0.135	1 NK.memlik FPGS
NDUF3F3	0.002627	0.307854	0.365	0.214	1 NK.memlik NDUF3F3
RTN4	0.002674	0.635548	0.446	0.287	1 NK.memlik RTN4
AGFG1	0.002703	0.286777	0.257	0.135	1 NK.memlik AGFG1
HSP90B1	0.002737	0.519998	0.622	0.488	1 NK.memlik HSP90B1
ABCB1	0.00282	0.297059	0.284	0.154	1 NK.memlik ABCB1
SMAD2	0.002869	0.309054	0.324	0.183	1 NK.memlik SMAD2
TM9SF3	0.003042	0.447579	0.365	0.225	1 NK.memlik TM9SF3
EPB41L4A-AS1	0.003098	0.319535	0.257	0.136	1 NK.memlik EPB41L4A-AS1
PAPOLA	0.003216	0.294032	0.432	0.278	1 NK.memlik PAPOLA
GOLPH3	0.003229	0.282506	0.378	0.23	1 NK.memlik GOLPH3
CITED2	0.003235	0.661486	0.622	0.494	1 NK.memlik CITED2
PRDX5	0.003246	0.399022	0.432	0.283	1 NK.memlik PRDX5
RASA1	0.00335	0.382936	0.446	0.293	1 NK.memlik RASA1
NFATC1	0.003395	0.287359	0.27	0.148	1 NK.memlik NFATC1
CTSW	0.003486	0.517367	0.649	0.506	1 NK.memlik CTSW
PCBP2	0.003489	0.289723	0.527	0.346	1 NK.memlik PCBP2
SFPQ	0.003555	0.357826	0.743	0.578	1 NK.memlik SFPQ
SMARCC2	0.00358	0.351686	0.297	0.17	1 NK.memlik SMARCC2
NCL	0.003581	0.364529	0.716	0.611	1 NK.memlik NCL
AL138963.4	0.003682	0.395288	0.311	0.176	1 NK.memlik AL138963.4
CROCC	0.003731	0.591583	0.324	0.19	1 NK.memlik CROCC
USP7	0.003761	0.435117	0.257	0.142	1 NK.memlik USP7
NECAP2	0.004033	0.289717	0.27	0.151	1 NK.memlik NECAP2
UBB	0.004052	0.28212	0.838	0.692	1 NK.memlik UBB
GATA3	0.004181	0.432888	0.378	0.237	1 NK.memlik GATA3
RPSA	0.004246	0.253236	0.932	0.823	1 NK.memlik RPSA
SRGN	0.004304	0.612747	0.905	0.868	1 NK.memlik SRGN
ILF3	0.00435	0.253225	0.432	0.272	1 NK.memlik ILF3
DDX3Y	0.004453	0.271408	0.365	0.215	1 NK.memlik DDX3Y
SELENOH	0.004592	0.29612	0.459	0.31	1 NK.memlik SELENOH
TRIM44	0.004615	0.258609	0.27	0.15	1 NK.memlik TRIM44
SPCS3	0.004619	0.383771	0.378	0.238	1 NK.memlik SPCS3
CHMP1B	0.004645	0.509816	0.351	0.226	1 NK.memlik CHMP1B
CYCS	0.004902	0.554695	0.541	0.402	1 NK.memlik CYCS
HSPB1	0.004902	0.705119	0.405	0.285	1 NK.memlik HSPB1
RPL6	0.004927	0.25784	0.959	0.892	1 NK.memlik RPL6
PEBP1	0.004948	0.339077	0.5	0.353	1 NK.memlik PEBP1
BOD1L1	0.004975	0.446289	0.405	0.264	1 NK.memlik BOD1L1
ALKBH7	0.004995	0.359217	0.392	0.244	1 NK.memlik ALKBH7
CUX1	0.005201	0.487696	0.27	0.157	1 NK.memlik CUX1
PIM3	0.005203	0.31505	0.324	0.192	1 NK.memlik PIM3
ANP32B	0.005277	0.305657	0.581	0.399	1 NK.memlik ANP32B
TXK	0.005299	0.316874	0.284	0.162	1 NK.memlik TXK
SMYD3	0.005488	0.317547	0.392	0.247	1 NK.memlik SMYD3
UBE3A	0.005556	0.586926	0.351	0.229	1 NK.memlik UBE3A
RPL34	0.005817	0.275668	0.973	0.915	1 NK.memlik RPL34

TIPARP2	0.00597	0.385689	0.405	0.264	1 NK.memlik TIPARP
HSPA53	0.006046	0.273041	0.743	0.579	1 NK.memlik HSPA5
IFITM23	0.006244	0.6578	0.757	0.634	1 NK.memlik IFITM2
CTSA	0.006273	0.431365	0.257	0.148	1 NK.memlik CTSA
MAML22	0.006315	0.276026	0.5	0.335	1 NK.memlik MAML2
HNRNPC	0.006473	0.290924	0.689	0.532	1 NK.memlik HNRNPC
CPSF6	0.006691	0.412403	0.338	0.208	1 NK.memlik CPSF6
AKT31	0.006776	0.536707	0.284	0.172	1 NK.memlik AKT3
DDIT42	0.006786	0.520997	0.757	0.686	1 NK.memlik DDIT4
MAN1A11	0.006818	0.31813	0.297	0.177	1 NK.memlik MAN1A1
ARGLU1	0.006829	0.324138	0.622	0.451	1 NK.memlik ARGLU1
GAS52	0.006914	0.277675	0.635	0.466	1 NK.memlik GAS5
VDAC2	0.00693	0.266268	0.446	0.3	1 NK.memlik VDAC2
PTGDR2	0.007073	0.266812	0.284	0.16	1 NK.memlik PTGDR
RPL313	0.007116	0.263646	0.811	0.73	1 NK.memlik RPL31
CKLF2	0.007153	0.494913	0.5	0.365	1 NK.memlik CKLF
RPL314	0.007189	0.265034	0.946	0.889	1 NK.memlik RPL3
GTF2F1	0.007604	0.440488	0.27	0.159	1 NK.memlik GTF2F1
STAG21	0.007738	0.3927	0.392	0.256	1 NK.memlik STAG2
SATB12	0.008401	0.376558	0.27	0.159	1 NK.memlik SATB1
BZW13	0.008477	0.463999	0.527	0.398	1 NK.memlik BZW1
NUMA1	0.008502	0.27146	0.297	0.179	1 NK.memlik NUMA1
CIRBP1	0.008777	0.360933	0.757	0.636	1 NK.memlik CIRBP
PNPLA2	0.008839	0.273767	0.419	0.284	1 NK.memlik PNPLA2
ITPR1	0.009071	0.280964	0.27	0.159	1 NK.memlik ITPR1
CDK2AP21	0.009135	0.293859	0.324	0.199	1 NK.memlik CDK2AP2
DHRS72	0.009162	0.540335	0.473	0.352	1 NK.memlik DHRS7
PPP1R101	0.009269	0.365973	0.419	0.281	1 NK.memlik PPP1R10
NACA2	0.009595	0.275588	0.878	0.848	1 NK.memlik NACA
PTGER21	0.009633	0.409243	0.311	0.194	1 NK.memlik PTGER2

Supplementary Table 6: DEGs for Figure 5K

	p_val	avg_log2FC	pct.1	pct.2	p_val_adj	cluster	gene
Nav2	0	2.539209	0.866	0.545	0	MG-Homo	Nav2
Csmd3	0	2.655197	0.654	0.337	0	MG-Homo	Csmd3
Nav3	0	2.339172	0.724	0.408	0	MG-Homo	Nav3
Plcl1	0	2.724035	0.718	0.414	0	MG-Homo	Plcl1
Rapgef5	0	2.102347	0.814	0.54	0	MG-Homo	Rapgef5
4933406I18Rik	0	1.976345	0.703	0.442	0	MG-Homo	4933406I18Rik
Maml3	0	2.478869	0.749	0.492	0	MG-Homo	Maml3
Plxna4	0	2.725398	0.46	0.204	0	MG-Homo	Plxna4
Magi1	0	2.677692	0.468	0.214	0	MG-Homo	Magi1
Atp8a2	0	2.169546	0.62	0.376	0	MG-Homo	Atp8a2
Large1	0	2.133728	0.651	0.409	0	MG-Homo	Large1
Tanc2	0	1.96902	0.931	0.69	0	MG-Homo	Tanc2
Ldlrad4	0	2.191243	0.834	0.594	0	MG-Homo	Ldlrad4
Chn2	0	2.272715	0.551	0.312	0	MG-Homo	Chn2
Mir99ahg	0	2.010764	0.744	0.506	0	MG-Homo	Mir99ahg
Slc24a3	0	2.559683	0.414	0.178	0	MG-Homo	Slc24a3
Cacnb2	0	2.291388	0.536	0.304	0	MG-Homo	Cacnb2
Snx29	0	2.192841	0.718	0.487	0	MG-Homo	Snx29
Plxdc2	0	2.058391	0.951	0.725	0	MG-Homo	Plxdc2
Pag1	0	1.903396	0.827	0.603	0	MG-Homo	Pag1
Fhit	0	2.522337	0.446	0.224	0	MG-Homo	Fhit
Klf12	0	2.540174	0.401	0.18	0	MG-Homo	Klf12
Nfia	0	2.229186	0.578	0.358	0	MG-Homo	Nfia
Prkn	0	2.366923	0.457	0.241	0	MG-Homo	Prkn
Frmd4a	0	1.915255	0.816	0.6	0	MG-Homo	Frmd4a
Pde3b	0	1.905062	0.82	0.61	0	MG-Homo	Pde3b
Gm2629	0	1.814451	0.619	0.411	0	MG-Homo	Gm2629
Arhgap22	0	2.269731	0.498	0.294	0	MG-Homo	Arhgap22
Numb	0	1.678061	0.76	0.556	0	MG-Homo	Numb
Dock4	0	2.0869	0.862	0.662	0	MG-Homo	Dock4
Ptprm	0	2.296291	0.403	0.205	0	MG-Homo	Ptprm
Agmo	0	1.91625	0.538	0.341	0	MG-Homo	Agmo
Maml2	0	2.085426	0.646	0.451	0	MG-Homo	Maml2
Inpp4b	0	2.025056	0.659	0.466	0	MG-Homo	Inpp4b
Gm10790	0	1.56537	0.655	0.462	0	MG-Homo	Gm10790
Gm26917	0	2.664325	0.586	0.393	0	MG-Homo	Gm26917
Zfhx3	0	1.829228	0.885	0.693	0	MG-Homo	Zfhx3
Ank2	0	1.991714	0.481	0.296	0	MG-Homo	Ank2
Prkca	0	1.984682	0.49	0.305	0	MG-Homo	Prkca
P3h2	0	1.984945	0.509	0.324	0	MG-Homo	P3h2
Mertk	0	1.63361	0.877	0.693	0	MG-Homo	Mertk
Ophn1	0	1.774437	0.751	0.567	0	MG-Homo	Ophn1

Fat3	0	2.520875	0.348	0.165	0 MG-Homo	Fat3
Tmcc3	0	1.866074	0.822	0.642	0 MG-Homo	Tmcc3
Dst	0	1.804522	0.744	0.565	0 MG-Homo	Dst
Rptor	0	1.963731	0.523	0.344	0 MG-Homo	Rptor
Fgf13	0	2.466868	0.393	0.214	0 MG-Homo	Fgf13
Ttc28	0	2.070294	0.49	0.311	0 MG-Homo	Ttc28
Bbs9	0	2.023896	0.416	0.237	0 MG-Homo	Bbs9
Ankrd44	0	1.850396	0.683	0.506	0 MG-Homo	Ankrd44
Kcnma1	0	2.524561	0.34	0.164	0 MG-Homo	Kcnma1
Srgap2	0	1.928911	0.915	0.742	0 MG-Homo	Srgap2
Tmem135	0	1.899463	0.524	0.351	0 MG-Homo	Tmem135
Hdac9	0	1.814017	0.484	0.312	0 MG-Homo	Hdac9
Slco2b1	0	1.377635	0.777	0.607	0 MG-Homo	Slco2b1
Cables1	0	2.214274	0.382	0.213	0 MG-Homo	Cables1
Mgat4a	0	1.945359	0.519	0.351	0 MG-Homo	Mgat4a
Tgfbr1	0	1.567039	0.926	0.758	0 MG-Homo	Tgfbr1
Elmo1	0	2.198214	0.9	0.733	0 MG-Homo	Elmo1
Ppp1r9a	0	1.811917	0.518	0.352	0 MG-Homo	Ppp1r9a
Plcl2	0	1.877878	0.638	0.472	0 MG-Homo	Plcl2
Slc8a1	0	2.112336	0.846	0.68	0 MG-Homo	Slc8a1
8030442BC	0	2.115338	0.336	0.172	0 MG-Homo	8030442B05Rik
Rreb1	0	1.843166	0.695	0.531	0 MG-Homo	Rreb1
Dip2b	0	1.622296	0.724	0.561	0 MG-Homo	Dip2b
Ifitm10	0	1.592814	0.448	0.287	0 MG-Homo	Ifitm10
Mgat5	0	1.89599	0.503	0.343	0 MG-Homo	Mgat5
Itga9	0	1.945424	0.424	0.264	0 MG-Homo	Itga9
Pard3b	0	2.428818	0.28	0.121	0 MG-Homo	Pard3b
Fbxl17	0	1.998788	0.517	0.358	0 MG-Homo	Fbxl17
Zeb1	0	1.846142	0.459	0.303	0 MG-Homo	Zeb1
Ubash3b	0	1.980057	0.607	0.451	0 MG-Homo	Ubash3b
Zswim6	0	1.870471	0.62	0.464	0 MG-Homo	Zswim6
Zfp710	0	1.897433	0.604	0.45	0 MG-Homo	Zfp710
Smyd3	0	2.139389	0.421	0.268	0 MG-Homo	Smyd3
Zdhhc14	0	2.000245	0.426	0.273	0 MG-Homo	Zdhhc14
Slc9a9	0	1.653979	0.766	0.616	0 MG-Homo	Slc9a9
Lrch1	0	1.705929	0.675	0.526	0 MG-Homo	Lrch1
Hivep3	0	1.777031	0.554	0.406	0 MG-Homo	Hivep3
Sipa1l2	0	1.880238	0.508	0.36	0 MG-Homo	Sipa1l2
0610040J0	0	1.630554	0.55	0.403	0 MG-Homo	0610040J01Rik
Epb41l2	0	1.706576	0.859	0.713	0 MG-Homo	Epb41l2
Arl15	0	1.934155	0.438	0.292	0 MG-Homo	Arl15
Nos1ap	0	2.385578	0.259	0.115	0 MG-Homo	Nos1ap
Pvt1	0	2.231689	0.372	0.229	0 MG-Homo	Pvt1
Bach2	0	1.872937	0.457	0.316	0 MG-Homo	Bach2

E230029Cf	0	1.572242	0.655	0.514	0 MG-Homo	E230029C05Rik
Fchsd2	0	1.541754	0.635	0.495	0 MG-Homo	Fchsd2
Wwox	0	2.06544	0.45	0.31	0 MG-Homo	Wwox
Specc1	0	1.746314	0.519	0.379	0 MG-Homo	Specc1
Arid1b	0	1.905645	0.486	0.346	0 MG-Homo	Arid1b
Ssh2	0	1.501241	0.838	0.701	0 MG-Homo	Ssh2
Runx1	0	1.872633	0.707	0.57	0 MG-Homo	Runx1
Nuak1	0	1.901021	0.412	0.275	0 MG-Homo	Nuak1
Zbtb20	0	1.717293	0.629	0.493	0 MG-Homo	Zbtb20
Btbd9	0	1.873358	0.518	0.382	0 MG-Homo	Btbd9
Pan3	0	1.751779	0.523	0.388	0 MG-Homo	Pan3
Tbc1d5	0	1.752498	0.611	0.476	0 MG-Homo	Tbc1d5
Soga1	0	1.57971	0.496	0.362	0 MG-Homo	Soga1
Ppm1h	0	1.847319	0.615	0.481	0 MG-Homo	Ppm1h
Tbc1d16	0	1.770574	0.455	0.321	0 MG-Homo	Tbc1d16
Mctp1	0	1.413825	0.454	0.32	0 MG-Homo	Mctp1
Pitpnc1	0	1.873142	0.53	0.397	0 MG-Homo	Pitpnc1
Tbc1d22a	0	1.933196	0.446	0.313	0 MG-Homo	Tbc1d22a
Trio	0	1.903631	0.407	0.274	0 MG-Homo	Trio
Lrmda	0	2.219886	0.832	0.701	0 MG-Homo	Lrmda
Adap2	0	1.482403	0.682	0.552	0 MG-Homo	Adap2
Ski	0	2.017996	0.496	0.367	0 MG-Homo	Ski
Pld1	0	1.739323	0.428	0.3	0 MG-Homo	Pld1
Zcchc7	0	1.838196	0.433	0.305	0 MG-Homo	Zcchc7
Dleu2	0	1.5698	0.729	0.601	0 MG-Homo	Dleu2
Gnaq	0	1.707807	0.628	0.5	0 MG-Homo	Gnaq
Ikzf1	0	1.595165	0.733	0.607	0 MG-Homo	Ikzf1
Rasgrp3	0	1.579673	0.521	0.395	0 MG-Homo	Rasgrp3
Chd7	0	1.708505	0.529	0.405	0 MG-Homo	Chd7
Exoc4	0	1.691914	0.548	0.426	0 MG-Homo	Exoc4
Itpr2	0	1.660858	0.513	0.391	0 MG-Homo	Itpr2
Arhgap39	0	1.672794	0.493	0.371	0 MG-Homo	Arhgap39
Inpp5d	0	1.61021	0.897	0.777	0 MG-Homo	Inpp5d
Frmd4b	0	1.404778	0.713	0.593	0 MG-Homo	Frmd4b
Mef2a	0	1.627876	0.838	0.718	0 MG-Homo	Mef2a
Lhfpl2	0	1.622831	0.481	0.361	0 MG-Homo	Lhfpl2
Fli1	0	1.686589	0.672	0.554	0 MG-Homo	Fli1
Foxn3	0	1.514474	0.823	0.705	0 MG-Homo	Foxn3
Diaph2	0	1.770671	0.651	0.533	0 MG-Homo	Diaph2
Slc12a6	0	1.581587	0.494	0.377	0 MG-Homo	Slc12a6
Ccnd3	0	1.665885	0.622	0.505	0 MG-Homo	Ccnd3
Dock8	0	1.555411	0.733	0.617	0 MG-Homo	Dock8
Cadm1	0	1.933961	0.494	0.379	0 MG-Homo	Cadm1
Gab2	0	1.527481	0.786	0.673	0 MG-Homo	Gab2

Rere	0	1.640826	0.537	0.426	0 MG-Homo Rere
Mef2c	0	1.414147	0.819	0.708	0 MG-Homo Mef2c
Asap1	0	1.581582	0.644	0.533	0 MG-Homo Asap1
Macf1	0	1.521811	0.766	0.657	0 MG-Homo Macf1
Phf14	0	1.578181	0.491	0.383	0 MG-Homo Phf14
Dennd4a	0	1.409189	0.704	0.596	0 MG-Homo Dennd4a
Tns3	0	1.653241	0.62	0.513	0 MG-Homo Tns3
Dock2	0	1.915226	0.781	0.675	0 MG-Homo Dock2
Rap1gds1	0	1.477401	0.683	0.578	0 MG-Homo Rap1gds1
Rnf180	0	1.53934	0.506	0.403	0 MG-Homo Rnf180
Dock10	0	1.336017	0.695	0.593	0 MG-Homo Dock10
Jmjd1c	0	1.535614	0.627	0.525	0 MG-Homo Jmjd1c
Fam172a	0	1.635899	0.492	0.39	0 MG-Homo Fam172a
Pip4k2a	0	1.563464	0.74	0.639	0 MG-Homo Pip4k2a
Atp8a1	0	1.610014	0.59	0.49	0 MG-Homo Atp8a1
Bmp2k	0	1.419902	0.714	0.614	0 MG-Homo Bmp2k
Ivns1abp	0	1.30869	0.561	0.463	0 MG-Homo Ivns1abp
Qk	0	1.449669	0.888	0.791	0 MG-Homo Qk
Nrip1	0	1.317705	0.592	0.496	0 MG-Homo Nrip1
Mitf	0	1.631634	0.529	0.436	0 MG-Homo Mitf
Camk2d	0	1.384304	0.612	0.52	0 MG-Homo Camk2d
St3gal6	0	1.129921	0.623	0.531	0 MG-Homo St3gal6
Map4k4	0	1.360213	0.569	0.478	0 MG-Homo Map4k4
Arhgap5	0	1.203275	0.612	0.521	0 MG-Homo Arhgap5
Clasp2	0	1.446813	0.519	0.429	0 MG-Homo Clasp2
Celf2	0	1.45145	0.681	0.592	0 MG-Homo Celf2
Wdfy3	0	1.433236	0.517	0.429	0 MG-Homo Wdfy3
Zfand3	0	1.625883	0.505	0.421	0 MG-Homo Zfand3
Ptprj	0	1.545279	0.711	0.629	0 MG-Homo Ptprj
Pik3r1	0	1.392204	0.563	0.481	0 MG-Homo Pik3r1
Zeb2	0	1.279752	0.827	0.748	0 MG-Homo Zeb2
Etv6	0	1.435267	0.652	0.574	0 MG-Homo Etv6
Ppp3ca	0	1.422811	0.615	0.537	0 MG-Homo Ppp3ca
Mbnl1	0	1.494671	0.768	0.691	0 MG-Homo Mbnl1
Kansl1	0	1.381264	0.563	0.486	0 MG-Homo Kansl1
Hpgds	0	1.082416	0.68	0.608	0 MG-Homo Hpgds
Chd9	0	1.220869	0.792	0.723	0 MG-Homo Chd9
Prkcb	0	1.53445	0.574	0.508	0 MG-Homo Prkcb
Picalm	0	1.406925	0.679	0.618	0 MG-Homo Picalm
Mycbp2	0	1.269982	0.591	0.53	0 MG-Homo Mycbp2
Entpd1	0	1.140369	0.712	0.656	0 MG-Homo Entpd1
Apbb1ip	0	1.129837	0.788	0.741	0 MG-Homo Apbb1ip
Wnk1	0	1.241621	0.647	0.601	0 MG-Homo Wnk1
Lair1	0	0.786165	0.776	0.73	0 MG-Homo Lair1

Tbxas1	0	1.170546	0.629	0.589	0	MG-Homo	Tbxas1
Tgfbr2	0	0.986252	0.673	0.643	0	MG-Homo	Tgfbr2
Sirpa	0	0.67377	0.854	0.828	0	MG-Homo	Sirpa
Lyn	0	1.064406	0.834	0.809	0	MG-Homo	Lyn
Malat1	0	1.139688	0.998	0.974	0	MG-Homo	Malat1
Fam49b	0	1.144641	0.755	0.744	0	MG-Homo	Fam49b
Rrbp1	0	0.703198	0.773	0.775	0	MG-Homo	Rrbp1
Sh3kbp1	2.14E-304	1.505979	0.515	0.433	5.23E-300	MG-Homo	Sh3kbp1
1-Mar	5.92E-301	1.469139	0.51	0.42	1.45E-296	MG-Homo	1-Mar
Smad3	4.51E-298	2.10611	0.324	0.186	1.10E-293	MG-Homo	Smad3
Med13l	5.27E-298	1.850977	0.394	0.264	1.29E-293	MG-Homo	Med13l
Sdk1	2.33E-297	2.326931	0.295	0.157	5.71E-293	MG-Homo	Sdk1
Prkce	4.07E-292	2.181632	0.304	0.166	9.96E-288	MG-Homo	Prkce
Smap2	1.68E-290	0.985304	0.66	0.644	4.12E-286	MG-Homo	Smap2
Apba1	4.24E-290	1.806616	0.409	0.282	1.04E-285	MG-Homo	Apba1
Tcf12	5.87E-290	1.795578	0.403	0.277	1.44E-285	MG-Homo	Tcf12
Pwwp2a	1.50E-287	1.758989	0.379	0.248	3.66E-283	MG-Homo	Pwwp2a
Sipa1l1	6.97E-286	2.013826	0.321	0.184	1.71E-281	MG-Homo	Sipa1l1
Nek7	7.17E-286	1.493603	0.499	0.416	1.76E-281	MG-Homo	Nek7
Cacna1d	2.01E-282	1.955571	0.377	0.25	4.93E-278	MG-Homo	Cacna1d
Cttnbp2nl	2.94E-278	1.265415	0.55	0.485	7.19E-274	MG-Homo	Cttnbp2nl
Prex1	2.18E-275	1.358883	0.546	0.497	5.33E-271	MG-Homo	Prex1
Tcf4	1.26E-272	1.370734	0.527	0.462	3.09E-268	MG-Homo	Tcf4
Peli2	1.30E-271	2.106444	0.318	0.188	3.18E-267	MG-Homo	Peli2
Mvb12b	3.17E-271	1.789766	0.389	0.268	7.77E-267	MG-Homo	Mvb12b
Cux1	2.45E-268	1.641398	0.473	0.391	6.01E-264	MG-Homo	Cux1
Stag1	6.18E-267	1.631365	0.437	0.332	1.51E-262	MG-Homo	Stag1
Itgb5	1.49E-263	0.562133	0.849	0.784	3.66E-259	MG-Homo	Itgb5
Nf1	1.20E-262	1.73728	0.413	0.305	2.93E-258	MG-Homo	Nf1
Camk1d	4.30E-258	0.681329	0.777	0.815	1.05E-253	MG-Homo	Camk1d
Cdkal1	6.42E-258	1.949473	0.321	0.194	1.57E-253	MG-Homo	Cdkal1
Nbea	8.88E-258	2.166677	0.251	0.126	2.18E-253	MG-Homo	Nbea
Vav2	1.63E-256	1.957715	0.36	0.242	3.98E-252	MG-Homo	Vav2
Gtdc1	1.87E-256	1.803498	0.374	0.253	4.58E-252	MG-Homo	Gtdc1
P2ry12	3.36E-256	0.532993	0.861	0.746	8.22E-252	MG-Homo	P2ry12
Lncpint	3.37E-256	1.713094	0.43	0.329	8.26E-252	MG-Homo	Lncpint
Ankrd11	1.13E-255	1.305343	0.537	0.493	2.77E-251	MG-Homo	Ankrd11
Whrn	1.82E-254	1.817539	0.329	0.2	4.45E-250	MG-Homo	Whrn
Sh3pxd2a	6.14E-253	1.770869	0.364	0.242	1.50E-248	MG-Homo	Sh3pxd2a
Col27a1	9.77E-252	1.760027	0.346	0.219	2.39E-247	MG-Homo	Col27a1
Mbnl2	4.37E-248	1.354013	0.5	0.431	1.07E-243	MG-Homo	Mbnl2
Msi2	3.27E-244	1.84696	0.336	0.213	8.00E-240	MG-Homo	Msi2
Fgd2	1.53E-243	1.005751	0.604	0.574	3.74E-239	MG-Homo	Fgd2
Ints6l	2.62E-242	1.474688	0.437	0.334	6.42E-238	MG-Homo	Ints6l

E2f3	8.14E-242	2.067063	0.289	0.167	1.99E-237	MG-Homo	E2f3
Atxn7l1	1.13E-240	1.838581	0.37	0.258	2.76E-236	MG-Homo	Atxn7l1
Cmip	1.72E-240	1.606968	0.453	0.371	4.21E-236	MG-Homo	Cmip
Retreg1	3.81E-240	1.394365	0.505	0.445	9.34E-236	MG-Homo	Retreg1
Foxp1	8.51E-240	1.292102	0.517	0.454	2.08E-235	MG-Homo	Foxp1
Fkbp5	1.39E-236	1.654845	0.405	0.294	3.41E-232	MG-Homo	Fkbp5
Fto	5.03E-236	1.88812	0.35	0.236	1.23E-231	MG-Homo	Fto
Vti1a	1.33E-234	1.660155	0.43	0.339	3.27E-230	MG-Homo	Vti1a
Luc7l2	3.32E-233	1.032779	0.588	0.576	8.14E-229	MG-Homo	Luc7l2
Phyhd1	6.92E-233	0.994565	0.593	0.541	1.69E-228	MG-Homo	Phyhd1
Uvrag	5.43E-231	1.320453	0.497	0.437	1.33E-226	MG-Homo	Uvrag
Fyb	2.12E-229	0.740534	0.718	0.73	5.20E-225	MG-Homo	Fyb
Atxn1	1.76E-227	1.85387	0.323	0.204	4.30E-223	MG-Homo	Atxn1
Abca9	6.23E-227	1.123851	0.529	0.462	1.53E-222	MG-Homo	Abca9
Siglech	8.27E-227	0.59852	0.755	0.645	2.02E-222	MG-Homo	Siglech
Tnrc6b	9.45E-225	1.481887	0.44	0.352	2.31E-220	MG-Homo	Tnrc6b
Bin1	1.85E-223	0.752727	0.695	0.682	4.54E-219	MG-Homo	Bin1
Extl3	7.90E-222	1.561242	0.424	0.334	1.93E-217	MG-Homo	Extl3
Dnmt3a	9.56E-222	1.599597	0.431	0.346	2.34E-217	MG-Homo	Dnmt3a
Parp8	1.06E-221	1.659171	0.387	0.284	2.60E-217	MG-Homo	Parp8
Snx24	1.15E-221	1.54019	0.467	0.394	2.81E-217	MG-Homo	Snx24
Rnf169	2.36E-221	1.536382	0.422	0.327	5.79E-217	MG-Homo	Rnf169
Arhgap17	2.25E-220	1.322657	0.505	0.457	5.50E-216	MG-Homo	Arhgap17
Dip2c	8.30E-218	2.128559	0.266	0.151	2.03E-213	MG-Homo	Dip2c
Anks1	4.46E-217	1.763963	0.344	0.234	1.09E-212	MG-Homo	Anks1
Fam102b	2.50E-216	1.49602	0.415	0.313	6.11E-212	MG-Homo	Fam102b
Igf1r	2.51E-211	1.782976	0.32	0.206	6.16E-207	MG-Homo	Igf1r
Phf21a	1.25E-210	1.543236	0.43	0.348	3.07E-206	MG-Homo	Phf21a
Skap2	1.87E-208	1.141391	0.564	0.567	4.57E-204	MG-Homo	Skap2
Dyrk1a	1.89E-207	1.851637	0.304	0.193	4.63E-203	MG-Homo	Dyrk1a
Apbb2	4.54E-207	2.01539	0.314	0.204	1.11E-202	MG-Homo	Apbb2
Herc2	2.70E-204	1.261175	0.48	0.416	6.61E-200	MG-Homo	Herc2
Ncoa2	1.30E-201	1.702028	0.369	0.273	3.18E-197	MG-Homo	Ncoa2
Dock1	2.56E-200	1.825281	0.293	0.183	6.26E-196	MG-Homo	Dock1
Rnf216	1.37E-199	1.454492	0.429	0.351	3.36E-195	MG-Homo	Rnf216
Usp24	2.14E-199	1.606813	0.356	0.253	5.24E-195	MG-Homo	Usp24
Abca1	2.98E-199	1.246198	0.548	0.512	7.30E-195	MG-Homo	Abca1
Apc	8.80E-199	1.471066	0.414	0.329	2.15E-194	MG-Homo	Apc
Oxr1	1.52E-198	1.697667	0.375	0.28	3.71E-194	MG-Homo	Oxr1
Sbf2	9.45E-198	1.347993	0.425	0.337	2.32E-193	MG-Homo	Sbf2
Itga6	2.12E-197	1.211873	0.482	0.41	5.19E-193	MG-Homo	Itga6
Abhd12	3.51E-193	0.627119	0.748	0.756	8.60E-189	MG-Homo	Abhd12
Spire1	7.23E-193	1.648892	0.347	0.248	1.77E-188	MG-Homo	Spire1
Fnbp1	3.20E-191	1.382131	0.451	0.389	7.84E-187	MG-Homo	Fnbp1

Rtn4rl1	8.54E-191	1.36069	0.419	0.332	2.09E-186	MG-Homo	Rtn4rl1
Ube2h	8.59E-191	1.546196	0.386	0.295	2.10E-186	MG-Homo	Ube2h
Bcas3	3.10E-190	1.933653	0.314	0.211	7.60E-186	MG-Homo	Bcas3
Slc7a8	2.65E-187	1.191805	0.503	0.455	6.48E-183	MG-Homo	Slc7a8
A830008E2	7.44E-187	1.563128	0.364	0.263	1.82E-182	MG-Homo	A830008E24Rik
Tbc1d9	1.02E-186	1.408893	0.437	0.367	2.49E-182	MG-Homo	Tbc1d9
Rad51b	3.39E-186	1.31072	0.501	0.441	8.30E-182	MG-Homo	Rad51b
Mbd5	2.09E-185	1.689001	0.337	0.239	5.12E-181	MG-Homo	Mbd5
Pid1	4.71E-185	1.095287	0.479	0.404	1.15E-180	MG-Homo	Pid1
Asph	7.28E-185	1.230369	0.477	0.417	1.78E-180	MG-Homo	Asph
2610203Cz	3.74E-184	1.750025	0.3	0.196	9.16E-180	MG-Homo	2610203C22Rik
Dgkd	1.86E-183	1.645538	0.373	0.286	4.56E-179	MG-Homo	Dgkd
Fars2	2.59E-183	1.884243	0.317	0.219	6.35E-179	MG-Homo	Fars2
Tet3	3.04E-183	1.703543	0.349	0.256	7.45E-179	MG-Homo	Tet3
Dennd1a	5.83E-183	1.282718	0.421	0.341	1.43E-178	MG-Homo	Dennd1a
Cerk	3.90E-182	1.412786	0.432	0.366	9.56E-178	MG-Homo	Cerk
Tcf7l2	5.10E-182	1.830988	0.311	0.211	1.25E-177	MG-Homo	Tcf7l2
Git2	4.35E-180	1.118963	0.513	0.481	1.07E-175	MG-Homo	Git2
Rcsd1	1.35E-179	1.436469	0.432	0.366	3.31E-175	MG-Homo	Rcsd1
Vps13b	6.27E-179	1.573524	0.366	0.278	1.54E-174	MG-Homo	Vps13b
Plcg2	1.52E-177	1.237914	0.483	0.444	3.72E-173	MG-Homo	Plcg2
St3gal3	5.55E-177	1.846872	0.29	0.19	1.36E-172	MG-Homo	St3gal3
Hdac8	8.32E-176	1.918871	0.271	0.17	2.04E-171	MG-Homo	Hdac8
Zfp652	2.91E-175	1.266957	0.453	0.391	7.13E-171	MG-Homo	Zfp652
Exoc6b	5.88E-175	1.717406	0.309	0.21	1.44E-170	MG-Homo	Exoc6b
Snx13	1.53E-173	1.563856	0.372	0.289	3.76E-169	MG-Homo	Snx13
Gm26542	1.84E-173	1.693897	0.309	0.209	4.51E-169	MG-Homo	Gm26542
Son	2.13E-173	0.812063	0.631	0.656	5.22E-169	MG-Homo	Son
Disc1	4.34E-173	1.929484	0.257	0.157	1.06E-168	MG-Homo	Disc1
Wdfy2	4.50E-172	1.470083	0.375	0.29	1.10E-167	MG-Homo	Wdfy2
Man1a	5.85E-172	1.44202	0.431	0.371	1.43E-167	MG-Homo	Man1a
Ankrd17	1.10E-170	1.548401	0.384	0.309	2.70E-166	MG-Homo	Ankrd17
Insr	4.81E-170	1.758828	0.274	0.174	1.18E-165	MG-Homo	Insr
Tbl1xr1	3.20E-169	1.579605	0.378	0.3	7.84E-165	MG-Homo	Tbl1xr1
Acap2	1.85E-168	1.101742	0.51	0.488	4.53E-164	MG-Homo	Acap2
AW554918	4.86E-166	1.881915	0.256	0.158	1.19E-161	MG-Homo	AW554918
Cdk6	1.01E-164	1.812436	0.291	0.195	2.47E-160	MG-Homo	Cdk6
Kmt2c	1.25E-163	1.465986	0.378	0.299	3.06E-159	MG-Homo	Kmt2c
Rock2	3.18E-163	1.287579	0.435	0.377	7.79E-159	MG-Homo	Rock2
Wasf2	3.13E-162	0.874034	0.6	0.622	7.66E-158	MG-Homo	Wasf2
Nsd1	3.79E-160	1.300906	0.435	0.381	9.27E-156	MG-Homo	Nsd1
Csf3r	4.56E-160	0.897137	0.533	0.506	1.12E-155	MG-Homo	Csf3r
Lpcat2	5.87E-160	0.41912	0.824	0.796	1.44E-155	MG-Homo	Lpcat2
Kcnk13	1.25E-158	1.540581	0.382	0.31	3.05E-154	MG-Homo	Kcnk13

Stard9	5.70E-158	1.379706	0.398	0.328	1.40E-153	MG-Homo	Stard9
Mkln1	6.61E-158	1.391444	0.403	0.338	1.62E-153	MG-Homo	Mkln1
Chd2	1.14E-157	1.595575	0.34	0.256	2.79E-153	MG-Homo	Chd2
Fmnl3	4.08E-157	1.183325	0.462	0.412	1.00E-152	MG-Homo	Fmnl3
Arhgap25	7.59E-157	1.560573	0.373	0.301	1.86E-152	MG-Homo	Arhgap25
Zmiz1	1.31E-156	1.174076	0.507	0.497	3.20E-152	MG-Homo	Zmiz1
Fam193a	1.23E-155	1.628492	0.326	0.24	3.01E-151	MG-Homo	Fam193a
Lrrk1	8.43E-155	1.315563	0.431	0.379	2.06E-150	MG-Homo	Lrrk1
Rapgef1	4.04E-154	1.482559	0.382	0.314	9.88E-150	MG-Homo	Rapgef1
Crebbp	5.86E-154	1.474097	0.387	0.32	1.43E-149	MG-Homo	Crebbp
Pik3ap1	3.23E-153	1.08807	0.526	0.527	7.90E-149	MG-Homo	Pik3ap1
Vrk2	6.32E-153	1.563368	0.358	0.282	1.55E-148	MG-Homo	Vrk2
Thada	1.24E-152	1.754996	0.283	0.193	3.04E-148	MG-Homo	Thada
Blnk	3.57E-152	1.037655	0.513	0.488	8.74E-148	MG-Homo	Blnk
Il6ra	8.06E-151	1.068449	0.506	0.481	1.97E-146	MG-Homo	Il6ra
Immp2l	6.59E-150	1.928082	0.305	0.219	1.61E-145	MG-Homo	Immp2l
Cdk19	1.52E-149	1.605217	0.323	0.239	3.72E-145	MG-Homo	Cdk19
Gtf2h2	1.07E-148	1.137465	0.455	0.403	2.61E-144	MG-Homo	Gtf2h2
Mlxip	1.48E-147	1.66212	0.309	0.224	3.62E-143	MG-Homo	Mlxip
Ulk2	4.28E-146	1.24468	0.423	0.362	1.05E-141	MG-Homo	Ulk2
Nipbl	8.50E-146	1.196303	0.47	0.446	2.08E-141	MG-Homo	Nipbl
Arhgap45	2.18E-145	0.808773	0.607	0.62	5.34E-141	MG-Homo	Arhgap45
Cnot2	5.40E-145	1.461402	0.379	0.314	1.32E-140	MG-Homo	Cnot2
Pnpla7	1.63E-144	1.318107	0.424	0.375	3.98E-140	MG-Homo	Pnpla7
Man1c1	1.80E-144	1.352812	0.462	0.433	4.41E-140	MG-Homo	Man1c1
Smg6	4.88E-144	1.635644	0.323	0.243	1.19E-139	MG-Homo	Smg6
Stxbp5	5.24E-144	1.663737	0.282	0.193	1.28E-139	MG-Homo	Stxbp5
Map2k5	1.98E-143	1.768376	0.28	0.194	4.84E-139	MG-Homo	Map2k5
Cfh	4.02E-142	0.700131	0.628	0.611	9.85E-138	MG-Homo	Cfh
Eif4g3	6.91E-142	1.291141	0.446	0.414	1.69E-137	MG-Homo	Eif4g3
Fndc3b	2.11E-140	1.672202	0.323	0.245	5.18E-136	MG-Homo	Fndc3b
Map3k3	7.06E-138	1.45447	0.355	0.283	1.73E-133	MG-Homo	Map3k3
Cog5	3.30E-137	1.668177	0.28	0.195	8.08E-133	MG-Homo	Cog5
Lims1	5.13E-137	1.199165	0.478	0.465	1.26E-132	MG-Homo	Lims1
Lcorl	6.93E-137	1.653794	0.294	0.211	1.70E-132	MG-Homo	Lcorl
Sik2	7.78E-137	1.583876	0.297	0.212	1.90E-132	MG-Homo	Sik2
Wdfy4	1.96E-136	1.33606	0.354	0.28	4.80E-132	MG-Homo	Wdfy4
Mllt10	2.22E-136	1.536222	0.342	0.269	5.43E-132	MG-Homo	Mllt10
B4galt1	3.20E-136	1.221921	0.447	0.412	7.85E-132	MG-Homo	B4galt1
Zfp407	3.38E-136	1.799318	0.267	0.182	8.28E-132	MG-Homo	Zfp407
Arsb	4.75E-135	1.099023	0.477	0.436	1.16E-130	MG-Homo	Arsb
Tacc1	1.33E-133	1.065808	0.501	0.494	3.26E-129	MG-Homo	Tacc1
Mtmr3	9.50E-133	1.517356	0.319	0.242	2.33E-128	MG-Homo	Mtmr3
Myo1f	1.01E-131	0.781257	0.601	0.635	2.48E-127	MG-Homo	Myo1f

Rhobtb1	2.25E-131	1.466696	0.312	0.23	5.50E-127	MG-Homo	Rhobtb1
Zfp292	5.24E-131	1.382567	0.371	0.308	1.28E-126	MG-Homo	Zfp292
Ambra1	5.76E-131	1.576536	0.33	0.259	1.41E-126	MG-Homo	Ambra1
Rtn1	1.24E-130	1.625653	0.312	0.232	3.03E-126	MG-Homo	Rtn1
Ash1l	4.65E-130	1.410002	0.375	0.315	1.14E-125	MG-Homo	Ash1l
Osbpl11	6.48E-130	1.355888	0.395	0.34	1.59E-125	MG-Homo	Osbpl11
Vsir	2.54E-129	0.521758	0.718	0.732	6.23E-125	MG-Homo	Vsir
Arhgap12	5.17E-129	1.462798	0.33	0.255	1.27E-124	MG-Homo	Arhgap12
Slmap	3.38E-128	1.472984	0.333	0.26	8.27E-124	MG-Homo	Slmap
Irak2	5.08E-128	1.199872	0.447	0.419	1.24E-123	MG-Homo	Irak2
Atp9b	1.51E-127	1.49457	0.337	0.269	3.70E-123	MG-Homo	Atp9b
Ssbp2	3.20E-127	1.563932	0.316	0.241	7.83E-123	MG-Homo	Ssbp2
Cradd	6.19E-127	1.880334	0.262	0.182	1.51E-122	MG-Homo	Cradd
Cdk14	1.65E-126	1.509362	0.307	0.229	4.03E-122	MG-Homo	Cdk14
Garnl3	3.14E-125	1.568097	0.266	0.183	7.69E-121	MG-Homo	Garnl3
Strn3	1.87E-124	1.439799	0.348	0.282	4.58E-120	MG-Homo	Strn3
Arhgap24	4.77E-124	2.035928	0.268	0.19	1.17E-119	MG-Homo	Arhgap24
Map3k5	9.59E-124	1.412745	0.326	0.252	2.35E-119	MG-Homo	Map3k5
Mylip	1.85E-123	0.941147	0.513	0.492	4.53E-119	MG-Homo	Mylip
Pou2f2	2.71E-123	0.92389	0.531	0.528	6.64E-119	MG-Homo	Pou2f2
Map4k3	6.61E-122	1.56111	0.282	0.203	1.62E-117	MG-Homo	Map4k3
Gna12	1.16E-121	0.974459	0.522	0.526	2.85E-117	MG-Homo	Gna12
Golm1	1.66E-121	0.746021	0.546	0.509	4.06E-117	MG-Homo	Golm1
Agps	3.40E-121	1.300633	0.381	0.328	8.33E-117	MG-Homo	Agps
Akap13	1.31E-120	1.012088	0.497	0.499	3.20E-116	MG-Homo	Akap13
Rbm39	3.50E-120	0.559891	0.697	0.761	8.57E-116	MG-Homo	Rbm39
Fbxl20	3.12E-118	1.522402	0.308	0.236	7.64E-114	MG-Homo	Fbxl20
Lpin2	1.08E-116	1.117846	0.454	0.432	2.64E-112	MG-Homo	Lpin2
Rffl	1.35E-116	1.692123	0.284	0.211	3.30E-112	MG-Homo	Rffl
Capn3	1.91E-116	1.203295	0.397	0.343	4.67E-112	MG-Homo	Capn3
Phkb	2.00E-116	1.592799	0.28	0.204	4.90E-112	MG-Homo	Phkb
Ext1	4.98E-116	1.564081	0.289	0.213	1.22E-111	MG-Homo	Ext1
Bank1	6.13E-116	1.517274	0.266	0.185	1.50E-111	MG-Homo	Bank1
Snd1	1.88E-114	1.414096	0.383	0.342	4.62E-110	MG-Homo	Snd1
Baz2b	1.97E-114	1.221533	0.416	0.381	4.83E-110	MG-Homo	Baz2b
Man1a2	2.92E-114	1.180973	0.416	0.376	7.15E-110	MG-Homo	Man1a2
Abl1	1.45E-113	1.471672	0.314	0.246	3.56E-109	MG-Homo	Abl1
Lrba	2.24E-113	1.420564	0.268	0.188	5.48E-109	MG-Homo	Lrba
Foxo3	4.50E-113	1.534841	0.301	0.23	1.10E-108	MG-Homo	Foxo3
Nfkb1	8.25E-113	1.098056	0.474	0.472	2.02E-108	MG-Homo	Nfkb1
Setd5	1.53E-112	1.332492	0.369	0.319	3.75E-108	MG-Homo	Setd5
Smarca2	3.08E-112	1.383839	0.346	0.286	7.55E-108	MG-Homo	Smarca2
Dis3l2	7.29E-111	1.723953	0.255	0.181	1.79E-106	MG-Homo	Dis3l2
Tmem164	1.41E-110	1.475691	0.337	0.277	3.46E-106	MG-Homo	Tmem164

Atxn7	3.21E-110	1.57407	0.285	0.215	7.85E-106	MG-Homo	Atxn7
Smg1	5.87E-109	1.355731	0.357	0.304	1.44E-104	MG-Homo	Smg1
Rbm6	1.83E-108	1.478897	0.32	0.257	4.47E-104	MG-Homo	Rbm6
Celf1	2.82E-108	1.369391	0.356	0.305	6.92E-104	MG-Homo	Celf1
Sdccag8	1.11E-107	1.557751	0.313	0.249	2.73E-103	MG-Homo	Sdccag8
Tnks	1.24E-106	1.648201	0.253	0.18	3.04E-102	MG-Homo	Tnks
Cyfp1	1.75E-106	0.57065	0.662	0.706	4.29E-102	MG-Homo	Cyfp1
Usp34	8.64E-106	1.436341	0.323	0.262	2.12E-101	MG-Homo	Usp34
Tbl1x	1.76E-105	1.567311	0.318	0.258	4.30E-101	MG-Homo	Tbl1x
Plekhm3	1.93E-105	1.59378	0.28	0.212	4.72E-101	MG-Homo	Plekhm3
Mapk14	4.33E-105	1.182701	0.419	0.393	1.06E-100	MG-Homo	Mapk14
Ddx17	9.04E-105	1.250111	0.376	0.333	2.21E-100	MG-Homo	Ddx17
Cask	2.60E-104	1.233175	0.36	0.301	6.38E-100	MG-Homo	Cask
Slc1a3	3.02E-104	1.025549	0.443	0.407	7.40E-100	MG-Homo	Slc1a3
Lcor	8.01E-104	1.478762	0.294	0.227	1.96E-99	MG-Homo	Lcor
Nlrp1b	1.18E-103	1.554848	0.308	0.247	2.88E-99	MG-Homo	Nlrp1b
Sfmbt1	2.55E-103	1.563984	0.282	0.215	6.25E-99	MG-Homo	Sfmbt1
Tcf20	5.31E-103	1.635584	0.271	0.202	1.30E-98	MG-Homo	Tcf20
Rbm47	1.73E-102	1.207598	0.419	0.396	4.24E-98	MG-Homo	Rbm47
Atp2c1	2.49E-101	1.154219	0.42	0.392	6.10E-97	MG-Homo	Atp2c1
Arih1	5.36E-101	1.355969	0.339	0.286	1.31E-96	MG-Homo	Arih1
Chd6	8.20E-101	1.515282	0.261	0.19	2.01E-96	MG-Homo	Chd6
Nedd4l	2.79E-100	1.670799	0.265	0.198	6.84E-96	MG-Homo	Nedd4l
Eml4	1.83E-99	1.304891	0.371	0.329	4.47E-95	MG-Homo	Eml4
Cx3cr1	4.10E-99	0.359446	0.872	0.829	1.00E-94	MG-Homo	Cx3cr1
Tspan14	6.35E-99	1.122334	0.425	0.404	1.56E-94	MG-Homo	Tspan14
Cflar	2.95E-98	1.064769	0.445	0.436	7.24E-94	MG-Homo	Cflar
Cyth4	1.89E-97	0.641831	0.623	0.672	4.64E-93	MG-Homo	Cyth4
Sall1	1.33E-96	0.88248	0.463	0.431	3.25E-92	MG-Homo	Sall1
Smurf2	1.44E-96	1.447187	0.293	0.23	3.54E-92	MG-Homo	Smurf2
Fbxo11	2.93E-96	1.555139	0.289	0.226	7.17E-92	MG-Homo	Fbxo11
Ubn2	2.58E-95	1.333001	0.355	0.31	6.32E-91	MG-Homo	Ubn2
AU020206	2.69E-95	1.046358	0.485	0.495	6.58E-91	MG-Homo	AU020206
Trappc9	1.28E-94	1.559935	0.296	0.237	3.14E-90	MG-Homo	Trappc9
Ap3b1	2.58E-94	1.266495	0.387	0.36	6.32E-90	MG-Homo	Ap3b1
Dapp1	2.61E-94	1.183587	0.391	0.357	6.40E-90	MG-Homo	Dapp1
Pald1	3.10E-94	1.314173	0.339	0.288	7.58E-90	MG-Homo	Pald1
Cnot4	4.79E-94	1.378934	0.346	0.301	1.17E-89	MG-Homo	Cnot4
Sppl3	5.99E-94	1.23538	0.383	0.351	1.47E-89	MG-Homo	Sppl3
Tjp1	3.28E-93	1.242971	0.321	0.26	8.02E-89	MG-Homo	Tjp1
Rab31	1.31E-92	1.315153	0.37	0.334	3.22E-88	MG-Homo	Rab31
Xist	8.50E-92	1.278123	0.407	0.373	2.08E-87	MG-Homo	Xist
Kif21b	1.71E-91	1.297726	0.333	0.282	4.19E-87	MG-Homo	Kif21b
Mtus1	4.59E-91	1.086203	0.429	0.411	1.12E-86	MG-Homo	Mtus1

Kansl1l	6.22E-91	1.563018	0.259	0.195	1.52E-86	MG-Homo	Kansl1l
Mdm4	2.59E-90	1.466162	0.281	0.221	6.35E-86	MG-Homo	Mdm4
Ppp1r12a	4.00E-90	1.047265	0.431	0.42	9.79E-86	MG-Homo	Ppp1r12a
Phactr2	6.80E-90	1.589934	0.283	0.223	1.67E-85	MG-Homo	Phactr2
Pik3cd	8.97E-90	1.242887	0.404	0.387	2.20E-85	MG-Homo	Pik3cd
Tubgcp5	2.45E-89	1.252942	0.341	0.292	6.00E-85	MG-Homo	Tubgcp5
Wdr44	3.96E-89	1.465196	0.282	0.221	9.70E-85	MG-Homo	Wdr44
Lifr	9.10E-89	1.491921	0.26	0.195	2.23E-84	MG-Homo	Lifr
Slc16a6	2.14E-88	1.272884	0.348	0.3	5.24E-84	MG-Homo	Slc16a6
Rbm26	2.37E-88	1.24428	0.342	0.294	5.80E-84	MG-Homo	Rbm26
Rhoh	7.18E-88	1.052513	0.43	0.415	1.76E-83	MG-Homo	Rhoh
Lpp	7.78E-88	1.470782	0.327	0.281	1.91E-83	MG-Homo	Lpp
Rassf2	8.08E-88	1.259809	0.355	0.315	1.98E-83	MG-Homo	Rassf2
Cds1	8.41E-88	1.490426	0.255	0.191	2.06E-83	MG-Homo	Cds1
Heatr5a	1.01E-87	1.209216	0.372	0.336	2.47E-83	MG-Homo	Heatr5a
Rab8b	1.52E-87	1.164689	0.401	0.38	3.73E-83	MG-Homo	Rab8b
Babam2	3.87E-87	1.366235	0.364	0.333	9.48E-83	MG-Homo	Babam2
Srrm2	1.03E-85	0.67736	0.595	0.661	2.51E-81	MG-Homo	Srrm2
Scmh1	1.29E-85	1.508098	0.262	0.2	3.16E-81	MG-Homo	Scmh1
Ppp1r21	3.99E-85	1.268538	0.364	0.331	9.78E-81	MG-Homo	Ppp1r21
Tbc1d14	9.19E-85	1.391529	0.321	0.274	2.25E-80	MG-Homo	Tbc1d14
Gm5086	1.68E-84	1.370045	0.299	0.243	4.11E-80	MG-Homo	Gm5086
Aftph	3.78E-84	1.193325	0.388	0.363	9.26E-80	MG-Homo	Aftph
Tnrc6a	9.08E-84	1.514882	0.259	0.199	2.22E-79	MG-Homo	Tnrc6a
Dock11	1.09E-83	1.357988	0.338	0.298	2.67E-79	MG-Homo	Dock11
Stk3	1.41E-83	1.546197	0.254	0.193	3.46E-79	MG-Homo	Stk3
Rbm33	2.30E-83	1.499955	0.251	0.189	5.64E-79	MG-Homo	Rbm33
Fnip2	3.32E-82	1.826165	0.25	0.191	8.12E-78	MG-Homo	Fnip2
Gng2	5.44E-82	1.23998	0.395	0.379	1.33E-77	MG-Homo	Gng2
Map4	6.31E-82	1.053504	0.442	0.445	1.54E-77	MG-Homo	Map4
Myo9a	1.03E-81	1.317116	0.349	0.314	2.52E-77	MG-Homo	Myo9a
Clint1	2.32E-81	0.961289	0.468	0.488	5.69E-77	MG-Homo	Clint1
Lrp5	4.48E-81	1.542308	0.263	0.206	1.10E-76	MG-Homo	Lrp5
Itgam	6.29E-81	0.572107	0.614	0.645	1.54E-76	MG-Homo	Itgam
Zfp148	8.00E-80	1.340251	0.325	0.283	1.96E-75	MG-Homo	Zfp148
Tns1	9.76E-80	1.540523	0.261	0.203	2.39E-75	MG-Homo	Tns1
Itch	2.88E-79	1.199897	0.365	0.334	7.05E-75	MG-Homo	Itch
Fam168a	7.08E-79	1.418703	0.294	0.243	1.73E-74	MG-Homo	Fam168a
Arid1a	1.25E-78	1.128937	0.399	0.386	3.05E-74	MG-Homo	Arid1a
Zfp638	1.39E-78	1.340569	0.311	0.266	3.40E-74	MG-Homo	Zfp638
Rnf111	5.91E-78	1.481281	0.27	0.216	1.45E-73	MG-Homo	Rnf111
Wipf1	1.38E-77	1.265785	0.392	0.381	3.38E-73	MG-Homo	Wipf1
A630001G21Rik	1.61E-77	1.347873	0.305	0.258	3.94E-73	MG-Homo	A630001G21Rik
Phc2	3.63E-77	1.274972	0.366	0.344	8.88E-73	MG-Homo	Phc2

Cop1	9.01E-77	1.442909	0.261	0.205	2.21E-72	MG-Homo	Cop1
Nfatc2	2.53E-76	1.520089	0.25	0.192	6.18E-72	MG-Homo	Nfatc2
Suclg2	5.62E-76	1.514051	0.274	0.224	1.38E-71	MG-Homo	Suclg2
Lrp1	2.33E-74	0.624313	0.569	0.603	5.71E-70	MG-Homo	Lrp1
Fbxw11	1.45E-73	1.482927	0.285	0.238	3.54E-69	MG-Homo	Fbxw11
Pik3r5	1.60E-73	1.408603	0.286	0.237	3.91E-69	MG-Homo	Pik3r5
Smad7	3.41E-73	1.28681	0.35	0.315	8.34E-69	MG-Homo	Smad7
Arglu1	4.28E-73	1.130814	0.379	0.359	1.05E-68	MG-Homo	Arglu1
Ppp6r3	8.59E-73	1.378212	0.281	0.231	2.10E-68	MG-Homo	Ppp6r3
Nckap1l	1.01E-71	0.929922	0.463	0.486	2.48E-67	MG-Homo	Nckap1l
Tln2	2.11E-71	1.454312	0.252	0.198	5.17E-67	MG-Homo	Tln2
Eri3	1.86E-70	1.5484	0.282	0.238	4.54E-66	MG-Homo	Eri3
Ubr3	4.96E-70	1.376825	0.263	0.212	1.21E-65	MG-Homo	Ubr3
Pacsin2	7.58E-70	1.25662	0.363	0.344	1.86E-65	MG-Homo	Pacsin2
Peli1	7.26E-69	1.113197	0.399	0.394	1.78E-64	MG-Homo	Peli1
Rsrc1	9.48E-69	1.386881	0.303	0.264	2.32E-64	MG-Homo	Rsrc1
Snrnp70	1.19E-68	0.862034	0.486	0.519	2.92E-64	MG-Homo	Snrnp70
Atg10	1.91E-67	1.57881	0.257	0.208	4.69E-63	MG-Homo	Atg10
Mon2	4.22E-67	1.316845	0.297	0.255	1.03E-62	MG-Homo	Mon2
Acss1	6.66E-67	1.41359	0.266	0.218	1.63E-62	MG-Homo	Acss1
Fmnl2	1.01E-66	1.414589	0.33	0.299	2.47E-62	MG-Homo	Fmnl2
AC149090.1	1.97E-66	0.906325	0.443	0.445	4.83E-62	MG-Homo	AC149090.1
Rps6ka3	9.02E-66	1.419191	0.269	0.223	2.21E-61	MG-Homo	Rps6ka3
Tec	9.76E-66	1.347307	0.316	0.284	2.39E-61	MG-Homo	Tec
Ythdf3	1.14E-65	1.388063	0.252	0.202	2.80E-61	MG-Homo	Ythdf3
Pias1	7.20E-65	1.05238	0.397	0.395	1.76E-60	MG-Homo	Pias1
Fnip1	1.29E-63	1.196504	0.346	0.323	3.17E-59	MG-Homo	Fnip1
Ptprc	1.75E-63	0.646834	0.536	0.586	4.28E-59	MG-Homo	Ptprc
Hpcal1	1.96E-63	0.288254	0.164	0.285	4.80E-59	MG-Homo	Hpcal1
Kif13b	2.42E-63	1.421847	0.264	0.22	5.92E-59	MG-Homo	Kif13b
Ptpra	2.87E-63	0.870737	0.47	0.501	7.02E-59	MG-Homo	Ptpra
Cep170	6.31E-63	1.278655	0.308	0.272	1.55E-58	MG-Homo	Cep170
Pros1	1.76E-62	0.798665	0.468	0.477	4.30E-58	MG-Homo	Pros1
Ubr5	2.59E-62	1.390545	0.272	0.229	6.35E-58	MG-Homo	Ubr5
Snx30	3.11E-62	1.344569	0.279	0.237	7.62E-58	MG-Homo	Snx30
Ccr5	9.72E-62	0.786434	0.491	0.499	2.38E-57	MG-Homo	Ccr5
Aim2	1.88E-61	1.075359	0.379	0.37	4.60E-57	MG-Homo	Aim2
Ndufs4	8.80E-61	0.26566	0.193	0.325	2.15E-56	MG-Homo	Ndufs4
Pacs1	2.77E-60	1.468949	0.253	0.207	6.78E-56	MG-Homo	Pacs1
Herc1	5.63E-60	1.257247	0.286	0.246	1.38E-55	MG-Homo	Herc1
Atad2b	8.16E-60	1.382238	0.266	0.223	2.00E-55	MG-Homo	Atad2b
Kat6a	2.61E-59	1.292639	0.286	0.247	6.39E-55	MG-Homo	Kat6a
Rapgef2	3.51E-59	1.396222	0.25	0.203	8.59E-55	MG-Homo	Rapgef2
Gpatch8	9.32E-59	1.299366	0.288	0.251	2.28E-54	MG-Homo	Gpatch8

Nfatc1	2.32E-57	1.279327	0.311	0.282	5.68E-53	MG-Homo	Nfatc1
Itgav	2.56E-57	1.111493	0.34	0.316	6.27E-53	MG-Homo	Itgav
Trip12	3.31E-57	1.235478	0.32	0.295	8.11E-53	MG-Homo	Trip12
Nfat5	5.29E-57	1.30044	0.279	0.24	1.29E-52	MG-Homo	Nfat5
Notch2	7.99E-57	1.097291	0.346	0.325	1.96E-52	MG-Homo	Notch2
Ptk2b	9.90E-57	1.149962	0.363	0.352	2.43E-52	MG-Homo	Ptk2b
Larp4b	1.06E-56	1.128561	0.355	0.344	2.59E-52	MG-Homo	Larp4b
Tmcc1	4.86E-56	0.917512	0.375	0.358	1.19E-51	MG-Homo	Tmcc1
Nsmce2	8.41E-56	1.407466	0.307	0.28	2.06E-51	MG-Homo	Nsmce2
Asxl1	1.34E-55	1.32516	0.265	0.225	3.29E-51	MG-Homo	Asxl1
Abcc5	2.38E-55	1.329252	0.259	0.217	5.84E-51	MG-Homo	Abcc5
Tox4	2.49E-55	0.273574	0.175	0.294	6.10E-51	MG-Homo	Tox4
Dpy19l4	3.46E-55	1.265193	0.298	0.267	8.48E-51	MG-Homo	Dpy19l4
Tnrc6c	7.65E-55	1.326825	0.287	0.254	1.87E-50	MG-Homo	Tnrc6c
Il6st	7.88E-55	1.027913	0.373	0.363	1.93E-50	MG-Homo	Il6st
Ccny	1.13E-54	1.390285	0.273	0.237	2.77E-50	MG-Homo	Ccny
Lrrc8d	1.69E-54	1.310285	0.304	0.277	4.14E-50	MG-Homo	Lrrc8d
Pum2	2.53E-54	1.19296	0.325	0.303	6.21E-50	MG-Homo	Pum2
Gsap	4.02E-54	1.239613	0.314	0.289	9.84E-50	MG-Homo	Gsap
Mbtd1	4.38E-54	1.376693	0.266	0.229	1.07E-49	MG-Homo	Mbtd1
Itsn2	1.09E-53	1.203622	0.336	0.32	2.66E-49	MG-Homo	Itsn2
Fcho2	1.61E-52	0.997682	0.389	0.393	3.95E-48	MG-Homo	Fcho2
Srsf6	2.77E-52	0.255075	0.189	0.311	6.78E-48	MG-Homo	Srsf6
Evl	4.30E-52	0.864853	0.459	0.495	1.05E-47	MG-Homo	Evl
Ube2r2	1.18E-51	0.306799	0.156	0.262	2.88E-47	MG-Homo	Ube2r2
Zbtb7a	2.14E-51	0.27918	0.184	0.301	5.25E-47	MG-Homo	Zbtb7a
St6gal1	2.56E-51	1.438972	0.261	0.224	6.27E-47	MG-Homo	St6gal1
Fam117b	3.20E-51	1.289163	0.28	0.247	7.83E-47	MG-Homo	Fam117b
Fus	4.73E-51	0.721885	0.496	0.546	1.16E-46	MG-Homo	Fus
Trim8	5.86E-51	0.261482	0.152	0.253	1.44E-46	MG-Homo	Trim8
Trim44	6.96E-51	1.292224	0.273	0.239	1.71E-46	MG-Homo	Trim44
Cd180	1.10E-50	0.742836	0.49	0.525	2.70E-46	MG-Homo	Cd180
Rin3	4.35E-50	1.238939	0.27	0.233	1.06E-45	MG-Homo	Rin3
Zfp644	5.38E-50	1.220074	0.3	0.274	1.32E-45	MG-Homo	Zfp644
Stard3	5.62E-50	0.25523	0.21	0.337	1.38E-45	MG-Homo	Stard3
Kdm3b	8.78E-50	1.223145	0.293	0.264	2.15E-45	MG-Homo	Kdm3b
Arl10	1.25E-49	0.275396	0.159	0.263	3.06E-45	MG-Homo	Arl10
Ccdc93	1.90E-49	1.319864	0.257	0.22	4.66E-45	MG-Homo	Ccdc93
Znrf1	2.51E-49	1.344472	0.255	0.218	6.16E-45	MG-Homo	Znrf1
Huwe1	2.73E-49	1.253801	0.289	0.261	6.67E-45	MG-Homo	Huwe1
Abr	3.76E-49	1.318712	0.327	0.314	9.21E-45	MG-Homo	Abr
Psme4	5.11E-49	1.321224	0.253	0.216	1.25E-44	MG-Homo	Psme4
Mia3	5.18E-49	0.293373	0.15	0.25	1.27E-44	MG-Homo	Mia3
Plxdc1	1.44E-48	1.333568	0.268	0.235	3.52E-44	MG-Homo	Plxdc1

Eef2k	3.30E-48	1.236128	0.278	0.245	8.08E-44	MG-Homo	Eef2k
Phip	3.34E-48	1.20786	0.288	0.258	8.18E-44	MG-Homo	Phip
Ube2f	5.76E-48	0.342119	0.181	0.296	1.41E-43	MG-Homo	Ube2f
Chd4	1.08E-47	0.294438	0.213	0.34	2.64E-43	MG-Homo	Chd4
Setd2	1.21E-47	1.214045	0.298	0.274	2.97E-43	MG-Homo	Setd2
Pmepa1	1.53E-47	0.493782	0.585	0.61	3.76E-43	MG-Homo	Pmepa1
Sf1	8.58E-47	0.258093	0.221	0.352	2.10E-42	MG-Homo	Sf1
Ttr	8.75E-47	0.372552	0.539	0.506	2.14E-42	MG-Homo	Ttr
Gsk3b	1.80E-46	1.075482	0.342	0.332	4.41E-42	MG-Homo	Gsk3b
Srsf7	2.71E-46	0.26128	0.298	0.464	6.64E-42	MG-Homo	Srsf7
Pik3cb	2.75E-46	1.273192	0.272	0.242	6.73E-42	MG-Homo	Pik3cb
Slc38a10	3.21E-46	0.259139	0.18	0.29	7.87E-42	MG-Homo	Slc38a10
Erbin	3.90E-46	1.171371	0.32	0.305	9.55E-42	MG-Homo	Erbin
Rb1	9.88E-46	1.328161	0.252	0.217	2.42E-41	MG-Homo	Rb1
Tnfaip8	1.41E-45	0.270888	0.222	0.35	3.45E-41	MG-Homo	Tnfaip8
Lrch3	1.74E-45	1.260528	0.279	0.251	4.26E-41	MG-Homo	Lrch3
Usp15	1.80E-45	1.197926	0.286	0.259	4.40E-41	MG-Homo	Usp15
Mark2	2.01E-45	1.331867	0.267	0.237	4.93E-41	MG-Homo	Mark2
mt-Nd3	2.34E-45	0.27862	0.174	0.278	5.73E-41	MG-Homo	mt-Nd3
Rab5a	4.08E-45	0.270516	0.157	0.255	9.99E-41	MG-Homo	Rab5a
Crlf3	5.01E-45	0.95719	0.398	0.416	1.23E-40	MG-Homo	Crlf3
Tnrc18	1.01E-44	1.193485	0.303	0.282	2.46E-40	MG-Homo	Tnrc18
Sh3gl1	1.05E-44	0.355247	0.188	0.302	2.58E-40	MG-Homo	Sh3gl1
Il10ra	1.13E-44	0.519636	0.613	0.691	2.77E-40	MG-Homo	Il10ra
Ppp2r5c	1.30E-44	1.176197	0.33	0.321	3.17E-40	MG-Homo	Ppp2r5c
Irf2	6.45E-44	0.920312	0.416	0.445	1.58E-39	MG-Homo	Irf2
Arl8b	9.40E-44	0.26147	0.219	0.344	2.30E-39	MG-Homo	Arl8b
Nr3c1	1.27E-43	1.039902	0.372	0.379	3.10E-39	MG-Homo	Nr3c1
Osbpl8	3.00E-43	1.239416	0.279	0.252	7.36E-39	MG-Homo	Osbpl8
Nsd3	1.02E-42	1.090379	0.332	0.323	2.50E-38	MG-Homo	Nsd3
Hacd2	1.11E-42	0.325154	0.164	0.264	2.73E-38	MG-Homo	Hacd2
Dnm2	1.12E-42	0.808609	0.469	0.523	2.74E-38	MG-Homo	Dnm2
Zc3hav1	2.44E-42	0.309598	0.161	0.258	5.98E-38	MG-Homo	Zc3hav1
Vmp1	3.38E-42	0.322022	0.189	0.3	8.28E-38	MG-Homo	Vmp1
Ppcdc	9.35E-42	0.910464	0.389	0.396	2.29E-37	MG-Homo	Ppcdc
Senp2	1.09E-41	1.062269	0.339	0.334	2.67E-37	MG-Homo	Senp2
Cebpz	1.11E-41	0.291141	0.199	0.313	2.72E-37	MG-Homo	Cebpz
Rasa4	1.48E-41	0.304211	0.239	0.372	3.62E-37	MG-Homo	Rasa4
Dnajc13	1.51E-41	1.234831	0.281	0.259	3.69E-37	MG-Homo	Dnajc13
Dync1i2	1.53E-41	0.330016	0.166	0.266	3.75E-37	MG-Homo	Dync1i2
Arhgap31	1.70E-41	1.155545	0.323	0.311	4.16E-37	MG-Homo	Arhgap31
Ifnar1	2.35E-41	0.274231	0.161	0.256	5.75E-37	MG-Homo	Ifnar1
Dennd1b	2.68E-41	1.185134	0.26	0.23	6.56E-37	MG-Homo	Dennd1b
Ncoa3	4.03E-41	1.128147	0.336	0.334	9.87E-37	MG-Homo	Ncoa3

Ascc3	4.90E-41	1.258537	0.254	0.224	1.20E-36	MG-Homo	Ascc3
Rbm25	6.42E-41	0.999656	0.382	0.4	1.57E-36	MG-Homo	Rbm25
Taz	6.63E-41	0.362645	0.167	0.266	1.62E-36	MG-Homo	Taz
Kif5b	1.38E-40	0.258177	0.225	0.349	3.38E-36	MG-Homo	Kif5b
Dnajc1	2.38E-40	1.240763	0.297	0.282	5.84E-36	MG-Homo	Dnajc1
Hdlbp	3.68E-40	0.335393	0.204	0.318	9.01E-36	MG-Homo	Hdlbp
Ube2e1	1.32E-39	0.430037	0.176	0.28	3.22E-35	MG-Homo	Ube2e1
Ythdf2	1.70E-39	0.359333	0.169	0.268	4.17E-35	MG-Homo	Ythdf2
Cdk13	1.79E-39	1.2259	0.289	0.271	4.39E-35	MG-Homo	Cdk13
Tnfrsf11a	1.91E-39	0.979571	0.374	0.381	4.67E-35	MG-Homo	Tnfrsf11a
Cr1l	2.73E-39	0.36715	0.166	0.263	6.69E-35	MG-Homo	Cr1l
Mgat1	3.92E-39	0.302124	0.192	0.299	9.61E-35	MG-Homo	Mgat1
Copa	1.59E-38	0.287818	0.198	0.308	3.89E-34	MG-Homo	Copa
Akap10	1.69E-38	1.249711	0.257	0.23	4.15E-34	MG-Homo	Akap10
Bmpr2	2.21E-38	1.165575	0.27	0.244	5.42E-34	MG-Homo	Bmpr2
Sgpl1	2.43E-38	0.284266	0.228	0.352	5.94E-34	MG-Homo	Sgpl1
Ndfip2	3.00E-38	0.32196	0.181	0.283	7.36E-34	MG-Homo	Ndfip2
Mrtfa	1.44E-37	1.262444	0.256	0.23	3.53E-33	MG-Homo	Mrtfa
Dtnbp1	2.11E-37	0.380664	0.199	0.31	5.17E-33	MG-Homo	Dtnbp1
Vgll4	3.18E-37	1.160331	0.299	0.285	7.80E-33	MG-Homo	Vgll4
Znrf2	3.77E-37	1.196088	0.332	0.335	9.24E-33	MG-Homo	Znrf2
Tab2	4.65E-37	1.021262	0.345	0.347	1.14E-32	MG-Homo	Tab2
Tgs1	4.70E-37	0.345443	0.195	0.302	1.15E-32	MG-Homo	Tgs1
Elk3	5.21E-37	1.110097	0.342	0.345	1.28E-32	MG-Homo	Elk3
Iffo1	5.40E-37	1.192694	0.264	0.239	1.32E-32	MG-Homo	Iffo1
Adam10	5.80E-37	0.894937	0.4	0.424	1.42E-32	MG-Homo	Adam10
Hipk2	6.45E-37	1.175875	0.3	0.288	1.58E-32	MG-Homo	Hipk2
Cops4	7.34E-37	0.397929	0.164	0.258	1.80E-32	MG-Homo	Cops4
Rap2a	1.51E-36	0.31871	0.199	0.306	3.71E-32	MG-Homo	Rap2a
Vav1	1.54E-36	0.771607	0.454	0.51	3.78E-32	MG-Homo	Vav1
Stag2	2.12E-36	1.217492	0.277	0.259	5.18E-32	MG-Homo	Stag2
Slc7a7	2.34E-36	1.013022	0.366	0.38	5.73E-32	MG-Homo	Slc7a7
Prcp	2.80E-36	0.315542	0.256	0.393	6.85E-32	MG-Homo	Prcp
Basp1	3.92E-36	0.404596	0.643	0.698	9.60E-32	MG-Homo	Basp1
Stambpl1	4.63E-36	1.187236	0.26	0.234	1.13E-31	MG-Homo	Stambpl1
Tnpo1	1.34E-35	1.101919	0.314	0.309	3.29E-31	MG-Homo	Tnpo1
Pten	3.10E-35	0.846126	0.416	0.453	7.60E-31	MG-Homo	Pten
Aff1	4.43E-35	1.249771	0.257	0.234	1.09E-30	MG-Homo	Aff1
Ptgs1	5.07E-35	0.387685	0.608	0.633	1.24E-30	MG-Homo	Ptgs1
Mknk1	6.72E-35	0.931962	0.382	0.4	1.64E-30	MG-Homo	Mknk1
Pla2g4a	7.93E-35	1.274223	0.263	0.243	1.94E-30	MG-Homo	Pla2g4a
Lpcat1	1.97E-34	0.380243	0.163	0.254	4.81E-30	MG-Homo	Lpcat1
Cd86	2.37E-34	0.592733	0.529	0.602	5.81E-30	MG-Homo	Cd86
Rubcnl	3.05E-34	1.17948	0.261	0.238	7.47E-30	MG-Homo	Rubcnl

Ddi2	3.55E-34	1.237589	0.269	0.251	8.69E-30	MG-Homo	Ddi2
Skil	4.08E-34	1.088094	0.343	0.348	1.00E-29	MG-Homo	Skil
Rab1a	1.12E-33	0.323249	0.25	0.38	2.74E-29	MG-Homo	Rab1a
Tlr7	1.42E-33	0.980807	0.351	0.356	3.48E-29	MG-Homo	Tlr7
Gdi1	1.43E-33	0.356498	0.17	0.26	3.51E-29	MG-Homo	Gdi1
Rsf1	3.17E-33	1.198399	0.263	0.244	7.77E-29	MG-Homo	Rsf1
5031439G07Rik	4.03E-33	0.384529	0.168	0.258	9.86E-29	MG-Homo	5031439G07Rik
Ube2j1	6.21E-33	0.360377	0.211	0.32	1.52E-28	MG-Homo	Ube2j1
Arl4c	9.74E-33	0.338476	0.223	0.336	2.39E-28	MG-Homo	Arl4c
Kctd12	1.98E-32	0.57676	0.561	0.631	4.84E-28	MG-Homo	Kctd12
Dnajb6	6.78E-32	0.353625	0.229	0.346	1.66E-27	MG-Homo	Dnajb6
Slc15a3	8.24E-32	0.445444	0.168	0.255	2.02E-27	MG-Homo	Slc15a3
Cebpg	9.24E-32	0.353021	0.237	0.355	2.26E-27	MG-Homo	Cebpg
Atf7ip	1.05E-31	1.130072	0.287	0.274	2.58E-27	MG-Homo	Atf7ip
Pkig	4.17E-31	0.740913	0.462	0.522	1.02E-26	MG-Homo	Pkig
Klf13	4.30E-31	0.277582	0.225	0.333	1.05E-26	MG-Homo	Klf13
R3hdm2	5.11E-31	1.248791	0.261	0.244	1.25E-26	MG-Homo	R3hdm2
P2rx7	5.61E-31	0.754572	0.37	0.379	1.37E-26	MG-Homo	P2rx7
Vps4b	6.19E-31	0.366728	0.167	0.255	1.52E-26	MG-Homo	Vps4b
Rin2	1.80E-30	0.874006	0.385	0.41	4.42E-26	MG-Homo	Rin2
Clk1	3.76E-30	0.974846	0.342	0.352	9.21E-26	MG-Homo	Clk1
Pepd	4.74E-30	0.469372	0.179	0.272	1.16E-25	MG-Homo	Pepd
Yy1	6.79E-30	0.434293	0.167	0.253	1.66E-25	MG-Homo	Yy1
Acer3	7.40E-30	0.806863	0.429	0.477	1.81E-25	MG-Homo	Acer3
Il13ra1	7.75E-30	0.373757	0.199	0.298	1.90E-25	MG-Homo	Il13ra1
Myo5a	1.12E-29	0.36871	0.183	0.272	2.73E-25	MG-Homo	Myo5a
Rnpep	1.20E-29	0.380574	0.257	0.383	2.94E-25	MG-Homo	Rnpep
Gtf2i	1.22E-29	1.152217	0.264	0.248	2.99E-25	MG-Homo	Gtf2i
Sort1	1.30E-29	0.993583	0.307	0.301	3.18E-25	MG-Homo	Sort1
Otulinl	2.19E-29	0.425187	0.613	0.702	5.36E-25	MG-Homo	Otulinl
Abi1	2.37E-29	0.961851	0.361	0.384	5.79E-25	MG-Homo	Abi1
Rgmb	2.55E-29	0.352886	0.18	0.269	6.24E-25	MG-Homo	Rgmb
Setd3	4.07E-29	1.071557	0.331	0.343	9.97E-25	MG-Homo	Setd3
Birc6	4.29E-29	1.012865	0.334	0.344	1.05E-24	MG-Homo	Birc6
Zfr	4.48E-29	1.068152	0.306	0.305	1.10E-24	MG-Homo	Zfr
Gls	5.30E-29	1.162241	0.277	0.266	1.30E-24	MG-Homo	Gls
Dmxl1	9.29E-29	1.133722	0.253	0.233	2.27E-24	MG-Homo	Dmxl1
Cd84	1.72E-28	0.627679	0.497	0.568	4.21E-24	MG-Homo	Cd84
Susd6	5.71E-28	1.144277	0.305	0.306	1.40E-23	MG-Homo	Susd6
Atf6	7.15E-28	1.141613	0.274	0.263	1.75E-23	MG-Homo	Atf6
Bach1	9.04E-28	0.403092	0.181	0.269	2.21E-23	MG-Homo	Bach1
Card9	1.21E-27	0.437732	0.191	0.283	2.96E-23	MG-Homo	Card9
Taf15	1.24E-27	1.032127	0.31	0.311	3.05E-23	MG-Homo	Taf15
Snx18	1.49E-27	0.810743	0.399	0.429	3.64E-23	MG-Homo	Snx18

Zmynd11	4.98E-27	1.062147	0.291	0.285	1.22E-22	MG-Homo	Zmynd11
Elavl1	6.07E-27	0.445263	0.197	0.294	1.49E-22	MG-Homo	Elavl1
Taok3	1.19E-26	1.004689	0.352	0.376	2.93E-22	MG-Homo	Taok3
Tmod3	2.17E-26	0.437719	0.181	0.269	5.32E-22	MG-Homo	Tmod3
Trim30a	2.26E-26	0.339705	0.238	0.346	5.54E-22	MG-Homo	Trim30a
Fez2	4.06E-26	0.374264	0.204	0.299	9.94E-22	MG-Homo	Fez2
Sptlc2	4.60E-26	0.443715	0.226	0.336	1.13E-21	MG-Homo	Sptlc2
Fam91a1	4.66E-26	0.99997	0.296	0.29	1.14E-21	MG-Homo	Fam91a1
Atp6v0a1	7.27E-26	0.917913	0.342	0.355	1.78E-21	MG-Homo	Atp6v0a1
Usp12	1.03E-25	1.284268	0.254	0.244	2.53E-21	MG-Homo	Usp12
Tbc1d23	1.56E-25	1.126611	0.262	0.251	3.82E-21	MG-Homo	Tbc1d23
Zmynd8	1.59E-25	1.137059	0.275	0.268	3.90E-21	MG-Homo	Zmynd8
Capza1	2.05E-25	0.331667	0.288	0.425	5.02E-21	MG-Homo	Capza1
Havcr2	3.58E-25	0.860449	0.355	0.371	8.76E-21	MG-Homo	Havcr2
U2surp	7.54E-25	0.457188	0.183	0.27	1.85E-20	MG-Homo	U2surp
Ldb1	8.03E-25	0.410548	0.222	0.326	1.97E-20	MG-Homo	Ldb1
Plxnb2	9.14E-25	0.258587	0.321	0.463	2.24E-20	MG-Homo	Plxnb2
mt-Cytb	1.96E-24	0.402262	0.913	0.959	4.80E-20	MG-Homo	mt-Cytb
Mark3	3.13E-24	1.123028	0.259	0.249	7.67E-20	MG-Homo	Mark3
Pds5a	4.18E-24	1.113722	0.254	0.241	1.02E-19	MG-Homo	Pds5a
Ncor2	5.18E-24	1.083301	0.289	0.289	1.27E-19	MG-Homo	Ncor2
Csde1	5.99E-24	0.438497	0.198	0.29	1.47E-19	MG-Homo	Csde1
Lcp2	8.59E-24	0.802854	0.413	0.465	2.10E-19	MG-Homo	Lcp2
Lmbrd1	1.26E-23	0.434371	0.193	0.283	3.08E-19	MG-Homo	Lmbrd1
Rsu1	1.58E-23	0.469692	0.235	0.344	3.87E-19	MG-Homo	Rsu1
Gns	1.84E-23	0.362532	0.628	0.712	4.51E-19	MG-Homo	Gns
Tmem104	2.12E-23	1.161318	0.271	0.269	5.20E-19	MG-Homo	Tmem104
Anxa3	2.74E-23	0.466816	0.542	0.611	6.71E-19	MG-Homo	Anxa3
Rgl1	5.11E-23	1.084979	0.27	0.263	1.25E-18	MG-Homo	Rgl1
Chic2	7.14E-23	0.450096	0.218	0.317	1.75E-18	MG-Homo	Chic2
Gpr34	7.45E-23	0.383992	0.644	0.674	1.82E-18	MG-Homo	Gpr34
Snx10	8.28E-23	0.507669	0.187	0.273	2.03E-18	MG-Homo	Snx10
Ggnbp2	8.75E-23	0.456801	0.198	0.287	2.14E-18	MG-Homo	Ggnbp2
Tm9sf2	9.79E-23	0.324025	0.304	0.441	2.40E-18	MG-Homo	Tm9sf2
Atrx	9.97E-23	1.040938	0.308	0.316	2.44E-18	MG-Homo	Atrx
Hist1h1e	1.05E-22	0.299805	0.214	0.3	2.57E-18	MG-Homo	Hist1h1e
Tcirg1	2.36E-22	0.676839	0.464	0.533	5.78E-18	MG-Homo	Tcirg1
Wsb1	2.50E-22	0.933544	0.35	0.376	6.13E-18	MG-Homo	Wsb1
Nfkbiz	3.10E-22	0.439677	0.194	0.272	7.59E-18	MG-Homo	Nfkbiz
Rhoq	4.68E-22	1.118296	0.262	0.254	1.15E-17	MG-Homo	Rhoq
Ptpro	6.25E-22	0.908903	0.326	0.334	1.53E-17	MG-Homo	Ptpro
Cbl	1.27E-21	0.8801	0.352	0.377	3.11E-17	MG-Homo	Cbl
Wdr26	1.92E-21	0.95408	0.335	0.358	4.70E-17	MG-Homo	Wdr26
Washc4	2.31E-21	1.046414	0.273	0.27	5.65E-17	MG-Homo	Washc4

Herc4	2.39E-21	1.00448	0.269	0.262	5.84E-17	MG-Homo	Herc4
Ptpre	3.38E-21	0.295582	0.257	0.364	8.27E-17	MG-Homo	Ptpre
Hps3	3.40E-21	1.009786	0.3	0.305	8.32E-17	MG-Homo	Hps3
Eps15	3.41E-21	0.393442	0.175	0.251	8.36E-17	MG-Homo	Eps15
Chchd3	4.67E-21	1.20953	0.258	0.254	1.14E-16	MG-Homo	Chchd3
Gnb1	6.73E-21	0.298915	0.358	0.518	1.65E-16	MG-Homo	Gnb1
Map2k1	7.55E-21	0.534472	0.209	0.302	1.85E-16	MG-Homo	Map2k1
E330020D1	8.71E-21	0.320959	0.195	0.271	2.13E-16	MG-Homo	E330020D12Rik
Pum1	9.79E-21	1.131153	0.256	0.25	2.40E-16	MG-Homo	Pum1
Pon3	1.04E-20	0.45015	0.193	0.276	2.55E-16	MG-Homo	Pon3
Nipa2	1.55E-20	0.490358	0.189	0.271	3.79E-16	MG-Homo	Nipa2
Srsf10	3.42E-20	0.474525	0.184	0.263	8.37E-16	MG-Homo	Srsf10
Dennd5a	3.69E-20	1.035571	0.28	0.281	9.03E-16	MG-Homo	Dennd5a
Eif4a2	5.64E-20	0.361395	0.26	0.372	1.38E-15	MG-Homo	Eif4a2
Rcbtb2	6.31E-20	1.088811	0.298	0.308	1.55E-15	MG-Homo	Rcbtb2
Pnir	6.32E-20	0.953618	0.318	0.331	1.55E-15	MG-Homo	Pnir
Pnn	7.66E-20	0.493866	0.198	0.283	1.87E-15	MG-Homo	Pnn
Gng12	9.21E-20	0.53824	0.222	0.317	2.26E-15	MG-Homo	Gng12
Tcf25	1.77E-19	0.396382	0.284	0.41	4.32E-15	MG-Homo	Tcf25
Rtn3	1.98E-19	0.740799	0.433	0.502	4.84E-15	MG-Homo	Rtn3
Zfp36l1	2.50E-19	0.573896	0.573	0.647	6.13E-15	MG-Homo	Zfp36l1
Resf1	2.64E-19	0.444796	0.192	0.272	6.46E-15	MG-Homo	Resf1
Wdr33	2.85E-19	1.011964	0.307	0.322	6.97E-15	MG-Homo	Wdr33
Dhx9	4.02E-19	1.034982	0.291	0.298	9.83E-15	MG-Homo	Dhx9
Gspt1	5.47E-19	0.444393	0.237	0.337	1.34E-14	MG-Homo	Gspt1
Ikbkb	9.65E-19	0.465289	0.179	0.253	2.36E-14	MG-Homo	Ikbkb
Zup1	1.13E-18	1.00443	0.283	0.286	2.78E-14	MG-Homo	Zup1
Akap8l	1.25E-18	1.01582	0.305	0.318	3.06E-14	MG-Homo	Akap8l
Rabep1	2.46E-18	1.125381	0.258	0.257	6.02E-14	MG-Homo	Rabep1
Naa35	2.64E-18	0.460703	0.191	0.269	6.47E-14	MG-Homo	Naa35
Slc12a9	3.25E-18	0.419794	0.254	0.359	7.95E-14	MG-Homo	Slc12a9
Nfam1	4.24E-18	0.316799	0.266	0.372	1.04E-13	MG-Homo	Nfam1
N4bp1	4.52E-18	0.488792	0.181	0.254	1.11E-13	MG-Homo	N4bp1
Tor1aip1	7.16E-18	0.342597	0.317	0.452	1.75E-13	MG-Homo	Tor1aip1
Mindy2	1.59E-17	0.473227	0.191	0.268	3.90E-13	MG-Homo	Mindy2
Jak1	1.86E-17	0.895195	0.374	0.421	4.55E-13	MG-Homo	Jak1
Arid4a	1.92E-17	1.001954	0.294	0.305	4.70E-13	MG-Homo	Arid4a
Rasa3	2.01E-17	1.052663	0.269	0.271	4.92E-13	MG-Homo	Rasa3
Kdm2a	2.47E-17	1.036143	0.278	0.284	6.04E-13	MG-Homo	Kdm2a
Apobec3	3.46E-17	0.315188	0.324	0.453	8.47E-13	MG-Homo	Apobec3
Hnnpul1	3.52E-17	0.510928	0.219	0.309	8.62E-13	MG-Homo	Hnnpul1
Usp9x	4.13E-17	1.04003	0.263	0.263	1.01E-12	MG-Homo	Usp9x
Cryl1	5.69E-17	1.089237	0.264	0.266	1.39E-12	MG-Homo	Cryl1
Tspan7	7.81E-17	0.275358	0.301	0.414	1.91E-12	MG-Homo	Tspan7

Usp2	8.83E-17	0.326108	0.267	0.366	2.16E-12	MG-Homo	Usp2
Srrm1	9.62E-17	0.379653	0.307	0.437	2.36E-12	MG-Homo	Srrm1
Cmklr1	1.12E-16	1.117526	0.268	0.272	2.74E-12	MG-Homo	Cmklr1
Rlim	1.35E-16	0.496179	0.191	0.267	3.31E-12	MG-Homo	Rlim
Numa1	2.11E-16	0.484942	0.218	0.303	5.16E-12	MG-Homo	Numa1
Xrn2	2.33E-16	0.506852	0.195	0.274	5.69E-12	MG-Homo	Xrn2
Nktr	2.95E-16	0.972317	0.292	0.303	7.22E-12	MG-Homo	Nktr
Npc1	3.34E-16	0.516296	0.19	0.265	8.18E-12	MG-Homo	Npc1
Stx7	3.53E-16	0.307089	0.361	0.515	8.64E-12	MG-Homo	Stx7
Pak2	6.54E-16	0.35622	0.302	0.427	1.60E-11	MG-Homo	Pak2
Sel1l	7.73E-16	0.568621	0.18	0.252	1.89E-11	MG-Homo	Sel1l
Ogt	1.05E-15	0.958147	0.262	0.262	2.56E-11	MG-Homo	Ogt
Tra2a	1.69E-15	0.832287	0.361	0.402	4.14E-11	MG-Homo	Tra2a
Add1	1.91E-15	0.509166	0.185	0.257	4.67E-11	MG-Homo	Add1
Pdgfb	2.25E-15	1.101025	0.27	0.274	5.52E-11	MG-Homo	Pdgfb
Kras	2.46E-15	0.486557	0.185	0.256	6.03E-11	MG-Homo	Kras
Pik3cg	2.98E-15	0.94948	0.286	0.295	7.29E-11	MG-Homo	Pik3cg
Csnk1a1	3.19E-15	0.420623	0.281	0.394	7.81E-11	MG-Homo	Csnk1a1
mt-Nd2	1.14E-14	0.395268	0.706	0.823	2.79E-10	MG-Homo	mt-Nd2
Bptf	1.37E-14	0.994811	0.276	0.286	3.37E-10	MG-Homo	Bptf
Rsrc2	1.80E-14	0.475829	0.219	0.303	4.41E-10	MG-Homo	Rsrc2
Creb1	3.16E-14	1.074686	0.252	0.253	7.74E-10	MG-Homo	Creb1
St3gal5	3.82E-14	0.742873	0.346	0.368	9.37E-10	MG-Homo	St3gal5
Phf20l1	4.36E-14	0.896534	0.293	0.307	1.07E-09	MG-Homo	Phf20l1
Gm4951	8.32E-14	0.394506	0.199	0.264	2.04E-09	MG-Homo	Gm4951
Top1	8.75E-14	0.462915	0.263	0.365	2.14E-09	MG-Homo	Top1
1700017BC	1.16E-13	0.373852	0.272	0.37	2.85E-09	MG-Homo	1700017B05Rik
Elf2	1.18E-13	1.035462	0.3	0.324	2.88E-09	MG-Homo	Elf2
Abi3	1.23E-13	0.416895	0.516	0.585	3.01E-09	MG-Homo	Abi3
Map11	1.28E-13	0.509641	0.257	0.356	3.13E-09	MG-Homo	Map11
Pkn1	1.38E-13	0.835093	0.358	0.406	3.39E-09	MG-Homo	Pkn1
Rbbp6	1.96E-13	0.557111	0.208	0.286	4.80E-09	MG-Homo	Rbbp6
Aff4	2.97E-13	0.963535	0.275	0.286	7.27E-09	MG-Homo	Aff4
Lnpep	3.31E-13	0.767364	0.359	0.401	8.12E-09	MG-Homo	Lnpep
Snta1	3.74E-13	0.951788	0.262	0.266	9.15E-09	MG-Homo	Snta1
Ptbp3	4.24E-13	0.663476	0.423	0.501	1.04E-08	MG-Homo	Ptbp3
Scarb2	4.83E-13	0.263654	0.381	0.528	1.18E-08	MG-Homo	Scarb2
Brd4	4.93E-13	0.873628	0.344	0.385	1.21E-08	MG-Homo	Brd4
Clip1	6.43E-13	1.048358	0.261	0.27	1.58E-08	MG-Homo	Clip1
Slc38a2	8.85E-13	0.415352	0.207	0.278	2.17E-08	MG-Homo	Slc38a2
Mafg	9.11E-13	0.558212	0.192	0.261	2.23E-08	MG-Homo	Mafg
Ccdc50	1.53E-12	0.782544	0.348	0.387	3.75E-08	MG-Homo	Ccdc50
Gtpbp2	2.52E-12	0.55734	0.21	0.286	6.18E-08	MG-Homo	Gtpbp2
Prkcd	2.67E-12	0.250212	0.402	0.554	6.54E-08	MG-Homo	Prkcd

Dpp8	2.93E-12	1.01963	0.254	0.261	7.18E-08	MG-Homo	Dpp8
Mia2	3.08E-12	0.503151	0.261	0.359	7.55E-08	MG-Homo	Mia2
Hps4	5.42E-12	0.855583	0.327	0.359	1.33E-07	MG-Homo	Hps4
Actr2	1.02E-11	0.303511	0.38	0.529	2.50E-07	MG-Homo	Actr2
Il21r	1.06E-11	0.411426	0.29	0.398	2.60E-07	MG-Homo	Il21r
Ubl3	1.37E-11	0.447433	0.321	0.449	3.36E-07	MG-Homo	Ubl3
Abcg1	1.53E-11	0.690852	0.213	0.289	3.76E-07	MG-Homo	Abcg1
Golgb1	2.28E-11	0.56124	0.227	0.31	5.58E-07	MG-Homo	Golgb1
Rbm5	4.11E-11	0.918234	0.295	0.318	1.01E-06	MG-Homo	Rbm5
Arap1	4.79E-11	0.654511	0.188	0.254	1.17E-06	MG-Homo	Arap1
Dnajc7	5.14E-11	0.47963	0.282	0.388	1.26E-06	MG-Homo	Dnajc7
Maf	5.81E-11	0.489802	0.427	0.472	1.42E-06	MG-Homo	Maf
Fbrsl1	6.68E-11	0.868455	0.318	0.349	1.64E-06	MG-Homo	Fbrsl1
Ptp4a2	6.80E-11	0.322732	0.377	0.526	1.67E-06	MG-Homo	Ptp4a2
Nrp1	6.95E-11	0.795525	0.354	0.391	1.70E-06	MG-Homo	Nrp1
Hnrnpc	8.41E-11	0.603691	0.194	0.261	2.06E-06	MG-Homo	Hnrnpc
Neat1	1.03E-10	0.973181	0.234	0.314	2.52E-06	MG-Homo	Neat1
Atp2b1	1.12E-10	0.629428	0.406	0.471	2.75E-06	MG-Homo	Atp2b1
Ogdh	1.77E-10	0.600816	0.211	0.285	4.33E-06	MG-Homo	Ogdh
Abcc3	3.54E-10	0.833132	0.289	0.308	8.66E-06	MG-Homo	Abcc3
Ubap2l	4.55E-10	0.536186	0.233	0.315	1.11E-05	MG-Homo	Ubap2l
Fndc3a	4.62E-10	0.886034	0.287	0.308	1.13E-05	MG-Homo	Fndc3a
Kmt2e	4.74E-10	0.738362	0.361	0.411	1.16E-05	MG-Homo	Kmt2e
Cul1	6.46E-10	0.909296	0.296	0.322	1.58E-05	MG-Homo	Cul1
Ddx50	8.64E-10	0.594473	0.194	0.259	2.12E-05	MG-Homo	Ddx50
Sla	9.78E-10	0.841037	0.317	0.35	2.39E-05	MG-Homo	Sla
Ubac2	1.51E-09	0.93296	0.296	0.325	3.69E-05	MG-Homo	Ubac2
Mtdh	1.57E-09	0.340679	0.593	0.712	3.84E-05	MG-Homo	Mtdh
Rsrp1	1.80E-09	0.349737	0.599	0.718	4.41E-05	MG-Homo	Rsrp1
Snx9	1.86E-09	0.637367	0.209	0.28	4.55E-05	MG-Homo	Snx9
Prpf38b	2.28E-09	0.636165	0.205	0.274	5.58E-05	MG-Homo	Prpf38b
Edem1	3.03E-09	0.552183	0.256	0.345	7.42E-05	MG-Homo	Edem1
Gna15	3.24E-09	0.765292	0.345	0.388	7.95E-05	MG-Homo	Gna15
Lpxn	6.11E-09	0.570897	0.207	0.274	0.00015	MG-Homo	Lpxn
Samsn1	6.30E-09	0.361851	0.199	0.257	0.000154	MG-Homo	Samsn1
Ankhd1	7.03E-09	1.007228	0.245	0.256	0.000172	MG-Homo	Ankhd1
Tnfrsf21	1.00E-08	0.495059	0.265	0.355	0.000245	MG-Homo	Tnfrsf21
Nmt1	1.07E-08	0.520975	0.273	0.371	0.000263	MG-Homo	Nmt1
Rab10	1.11E-08	0.541543	0.279	0.379	0.000271	MG-Homo	Rab10
Gm43305	1.31E-08	0.399247	0.335	0.436	0.000321	MG-Homo	Gm43305
Abcd2	1.66E-08	0.960289	0.258	0.274	0.000406	MG-Homo	Abcd2
Spag9	2.73E-08	0.87207	0.285	0.311	0.000668	MG-Homo	Spag9
Stau1	3.19E-08	1.007723	0.242	0.255	0.00078	MG-Homo	Stau1
Slc6a6	3.90E-08	0.519999	0.293	0.398	0.000956	MG-Homo	Slc6a6

Myo9b	4.17E-08	0.975851	0.286	0.316	0.001021	MG-Homo	Myo9b
Scaf11	5.09E-08	0.488771	0.273	0.365	0.001246	MG-Homo	Scaf11
Stat3	6.32E-08	0.480673	0.296	0.399	0.001549	MG-Homo	Stat3
Rap1a	6.49E-08	0.268219	0.412	0.563	0.001589	MG-Homo	Rap1a
Zfand5	7.36E-08	0.627835	0.271	0.361	0.001803	MG-Homo	Zfand5
Cd2ap	7.61E-08	0.794377	0.327	0.37	0.001863	MG-Homo	Cd2ap
Taok1	8.55E-08	0.897725	0.267	0.286	0.002094	MG-Homo	Taok1
Hnrnp1	8.97E-08	0.841116	0.297	0.326	0.002197	MG-Homo	Hnrnp1
Zfand6	1.63E-07	0.878891	0.284	0.311	0.003986	MG-Homo	Zfand6
Dgkz	1.95E-07	0.69294	0.232	0.308	0.004771	MG-Homo	Dgkz
Ubn1	2.38E-07	0.648299	0.198	0.26	0.005839	MG-Homo	Ubn1
Lpar6	2.52E-07	0.513683	0.233	0.303	0.006174	MG-Homo	Lpar6
Wac	2.66E-07	0.867754	0.292	0.322	0.006524	MG-Homo	Wac
Elf4	2.95E-07	1.011487	0.25	0.267	0.007224	MG-Homo	Elf4
Btg2	3.67E-07	0.292787	0.514	0.64	0.008998	MG-Homo	Btg2
Ccnl1	4.51E-07	0.876517	0.314	0.355	0.011105	MG-Homo	Ccnl1
Ecscr	4.76E-07	0.364454	0.243	0.304	0.011669	MG-Homo	Ecscr
Tra2b	5.44E-07	0.5083	0.301	0.404	0.013333	MG-Homo	Tra2b
Plek	5.81E-07	0.584888	0.554	0.679	0.014219	MG-Homo	Plek
Stx8	6.22E-07	1.09519	0.26	0.285	0.015232	MG-Homo	Stx8
Dpysl2	6.36E-07	0.970376	0.263	0.284	0.015566	MG-Homo	Dpysl2
Sgk1	6.67E-07	0.339374	0.321	0.403	0.016345	MG-Homo	Sgk1
Wwp2	7.31E-07	0.706619	0.195	0.255	0.017898	MG-Homo	Wwp2
Glul	1.08E-06	0.415423	0.655	0.76	0.026456	MG-Homo	Glul
Rasal3	1.94E-06	0.631207	0.211	0.273	0.047558	MG-Homo	Rasal3
Sesn1	2.08E-06	0.82234	0.284	0.309	0.050984	MG-Homo	Sesn1
Ptpn1	2.27E-06	0.370577	0.383	0.518	0.055511	MG-Homo	Ptpn1
Nlrc5	2.48E-06	0.692618	0.197	0.252	0.060684	MG-Homo	Nlrc5
Leng8	2.51E-06	0.924503	0.256	0.276	0.061544	MG-Homo	Leng8
Gapvd1	2.69E-06	0.903394	0.257	0.279	0.06582	MG-Homo	Gapvd1
Rab3il1	2.87E-06	0.379487	0.334	0.44	0.070276	MG-Homo	Rab3il1
Hnrnp3	3.46E-06	0.616406	0.211	0.273	0.084653	MG-Homo	Hnrnp3
Xiap	3.95E-06	0.930033	0.251	0.271	0.096651	MG-Homo	Xiap
Nisch	4.42E-06	0.736485	0.322	0.365	0.108214	MG-Homo	Nisch
Gpr183	5.09E-06	0.432327	0.282	0.359	0.124694	MG-Homo	Gpr183
Rapgef6	5.29E-06	0.840027	0.265	0.287	0.129567	MG-Homo	Rapgef6
Slc12a2	6.66E-06	0.832585	0.259	0.277	0.163154	MG-Homo	Slc12a2
Ncor1	8.43E-06	0.703604	0.361	0.427	0.206487	MG-Homo	Ncor1
Cdc42se2	9.99E-06	0.675365	0.222	0.288	0.24466	MG-Homo	Cdc42se2
Btbd1	1.18E-05	0.649623	0.213	0.275	0.290148	MG-Homo	Btbd1
Tnfrsf1b	1.45E-05	0.465037	0.285	0.371	0.355757	MG-Homo	Tnfrsf1b
Acin1	1.64E-05	0.574565	0.271	0.356	0.401364	MG-Homo	Acin1
Fubp1	2.32E-05	0.612509	0.209	0.267	0.567528	MG-Homo	Fubp1
P2ry13	3.25E-05	0.362241	0.345	0.44	0.795447	MG-Homo	P2ry13

Lpcat3	4.20E-05	0.524058	0.267	0.345	1 MG-Homo	Lpcat3
Itfg1	4.69E-05	0.658216	0.212	0.27	1 MG-Homo	Itfg1
Hck	4.99E-05	0.327848	0.437	0.583	1 MG-Homo	Hck
Arhgef2	5.21E-05	0.641494	0.232	0.299	1 MG-Homo	Arhgef2
Syk	5.46E-05	0.756179	0.314	0.36	1 MG-Homo	Syk
Khdrbs1	5.54E-05	0.552867	0.293	0.387	1 MG-Homo	Khdrbs1
P4ha1	6.00E-05	0.523246	0.3	0.392	1 MG-Homo	P4ha1
Fam168b	6.64E-05	0.640741	0.25	0.325	1 MG-Homo	Fam168b
Oxct1	9.75E-05	0.663883	0.377	0.449	1 MG-Homo	Oxct1
Scamp5	0.000104	0.893594	0.243	0.263	1 MG-Homo	Scamp5
Tial1	0.00014	0.715624	0.199	0.252	1 MG-Homo	Tial1
Kdm7a	0.000155	0.836877	0.245	0.264	1 MG-Homo	Kdm7a
Tmem131	0.000174	0.802825	0.281	0.316	1 MG-Homo	Tmem131
Sipa1	0.000199	0.597825	0.275	0.357	1 MG-Homo	Sipa1
Lacc1	0.00023	0.641641	0.234	0.299	1 MG-Homo	Lacc1
Ube3a	0.00024	0.838488	0.258	0.285	1 MG-Homo	Ube3a
Arhgap30	0.000243	0.592135	0.266	0.344	1 MG-Homo	Arhgap30
Pcmt1	0.000259	0.915223	0.234	0.253	1 MG-Homo	Pcmt1
Sf3b1	0.000295	0.372655	0.383	0.511	1 MG-Homo	Sf3b1
Smox	0.000346	0.621143	0.235	0.297	1 MG-Homo	Smox
Arhgef1	0.000379	0.598686	0.233	0.294	1 MG-Homo	Arhgef1
Jun	0.000505	0.303006	0.583	0.65	1 MG-Homo	Jun
Mbp	0.000572	0.427732	0.275	0.329	1 MG-Homo	Mbp
Dnajc5	0.000784	0.654179	0.212	0.266	1 MG-Homo	Dnajc5
Elf1	0.000788	0.766664	0.321	0.378	1 MG-Homo	Elf1
Slc29a3	0.000987	0.519795	0.399	0.477	1 MG-Homo	Slc29a3
Ube2k	0.001041	0.918712	0.257	0.289	1 MG-Homo	Ube2k
Cept1	0.001068	0.686792	0.23	0.291	1 MG-Homo	Cept1
Larp1	0.001303	0.65503	0.255	0.327	1 MG-Homo	Larp1
Ythdc1	0.001321	0.697211	0.217	0.273	1 MG-Homo	Ythdc1
Ep300	0.001406	0.836356	0.276	0.313	1 MG-Homo	Ep300
Rp2	0.001512	0.659056	0.245	0.313	1 MG-Homo	Rp2
Cd33	0.001512	0.419872	0.468	0.563	1 MG-Homo	Cd33
mt-Nd4l	0.001534	0.311686	0.729	0.845	1 MG-Homo	mt-Nd4l
Arid5b	0.001873	0.920982	0.297	0.341	1 MG-Homo	Arid5b
Ankrd12	0.001977	0.931616	0.235	0.258	1 MG-Homo	Ankrd12
Smchd1	0.002232	0.678436	0.216	0.27	1 MG-Homo	Smchd1
Rock1	0.002896	0.8146	0.278	0.317	1 MG-Homo	Rock1
Adam17	0.003455	0.56546	0.303	0.392	1 MG-Homo	Adam17
Hectd1	0.003535	0.650973	0.229	0.287	1 MG-Homo	Hectd1
Prrc2c	0.003544	0.562607	0.299	0.385	1 MG-Homo	Prrc2c
Kpna4	0.004282	0.578975	0.387	0.469	1 MG-Homo	Kpna4
Wls	0.005029	0.688903	0.261	0.332	1 MG-Homo	Wls
Mthfs	0.005052	1.074513	0.251	0.285	1 MG-Homo	Mthfs

Synj1	0.005713	0.789272	0.271	0.308	1 MG-Homo	Synj1
Fkbp15	0.006623	0.795794	0.295	0.345	1 MG-Homo	Fkbp15
Zdhhc20	0.006672	0.785881	0.29	0.336	1 MG-Homo	Zdhhc20
Gramd1a	0.006901	0.951637	0.227	0.251	1 MG-Homo	Gramd1a
Gna13	0.007203	0.629738	0.294	0.38	1 MG-Homo	Gna13
Kcnk6	0.007387	0.814375	0.239	0.264	1 MG-Homo	Kcnk6
Senp6	0.007702	0.812046	0.264	0.299	1 MG-Homo	Senp6
Tm6sf1	0.008387	0.505558	0.304	0.385	1 MG-Homo	Tm6sf1
Gm26740	0.009902	0.765181	0.277	0.315	1 MG-Homo	Gm26740
Tmem119	0	1.343659	0.944	0.59	0 MG-Inflam	Tmem119
Fcrls	0	1.429258	0.923	0.579	0 MG-Inflam	Fcrls
Gpr341	0	1.409235	0.951	0.618	0 MG-Inflam	Gpr34
Siglech1	0	1.169129	0.935	0.615	0 MG-Inflam	Siglech
Ecscr1	0	1.636829	0.565	0.245	0 MG-Inflam	Ecscr
Olfml3	0	1.219104	0.961	0.645	0 MG-Inflam	Olfml3
Slc2a5	0	1.590974	0.535	0.233	0 MG-Inflam	Slc2a5
Golm11	0	1.253653	0.766	0.47	0 MG-Inflam	Golm1
Csmd31	0	0.416457	0.635	0.348	0 MG-Inflam	Csmd3
Adgrg1	0	1.301102	0.636	0.35	0 MG-Inflam	Adgrg1
Rnase4	0	1.266154	0.83	0.545	0 MG-Inflam	Rnase4
Sparc	0	1.213216	0.99	0.708	0 MG-Inflam	Sparc
P2ry131	0	1.331162	0.661	0.38	0 MG-Inflam	P2ry13
Nav31	0	0.486545	0.701	0.42	0 MG-Inflam	Nav3
Ltc4s	0	1.041688	0.857	0.584	0 MG-Inflam	Ltc4s
Serpine2	0	0.781681	0.82	0.551	0 MG-Inflam	Serpine2
P2ry121	0	1.507128	0.986	0.726	0 MG-Inflam	P2ry12
F11r	0	1.059537	0.814	0.558	0 MG-Inflam	F11r
Fscn1	0	0.973316	0.568	0.313	0 MG-Inflam	Fscn1
Susd3	0	1.185968	0.682	0.439	0 MG-Inflam	Susd3
Crybb1	0	0.740567	0.717	0.476	0 MG-Inflam	Crybb1
Ifitm101	0	1.031513	0.519	0.278	0 MG-Inflam	Ifitm10
Ctsl	0	0.55523	0.958	0.717	0 MG-Inflam	Ctsl
Ptgs11	0	0.862637	0.832	0.592	0 MG-Inflam	Ptgs1
Numb1	0	0.733426	0.789	0.555	0 MG-Inflam	Numb
Cd164	0	1.245735	0.636	0.408	0 MG-Inflam	Cd164
Gm107901	0	0.748566	0.688	0.46	0 MG-Inflam	Gm10790
Pmp22	0	1.032286	0.54	0.322	0 MG-Inflam	Pmp22
Cd81	0	0.798367	0.992	0.778	0 MG-Inflam	Cd81
Cd37	0	0.914384	0.831	0.618	0 MG-Inflam	Cd37
Trem2	0	0.754529	0.982	0.769	0 MG-Inflam	Trem2
Cd9	0	0.512295	0.932	0.72	0 MG-Inflam	Cd9
Vsir1	0	1.093442	0.909	0.697	0 MG-Inflam	Vsir
Selplg	0	1.477663	0.988	0.776	0 MG-Inflam	Selplg
Plxdc21	0	0.275293	0.943	0.732	0 MG-Inflam	Plxdc2

Slco2b11	0	0.684804	0.815	0.604	0 MG-Inflam Slco2b1
Cfh1	0	0.794613	0.792	0.582	0 MG-Inflam Cfh
Tmem173	0	1.016387	0.67	0.461	0 MG-Inflam Tmem173
Hpgd	0	0.733044	0.71	0.501	0 MG-Inflam Hpgd
Tanc21	0	0.335427	0.907	0.7	0 MG-Inflam Tanc2
St3gal61	0	0.708684	0.72	0.515	0 MG-Inflam St3gal6
Gal3st4	0	1.093946	0.528	0.325	0 MG-Inflam Gal3st4
Rhob	0	0.541022	0.896	0.696	0 MG-Inflam Rhob
Scoc	0	0.984254	0.632	0.433	0 MG-Inflam Scoc
Pmepa11	0	0.802656	0.774	0.576	0 MG-Inflam Pmepa1
Sall11	0	0.81962	0.601	0.407	0 MG-Inflam Sall1
Trf	0	0.686919	0.899	0.708	0 MG-Inflam Trf
Phyhd11	0	0.713121	0.707	0.522	0 MG-Inflam Phyhd1
Cd68	0	0.557055	0.915	0.732	0 MG-Inflam Cd68
Usp21	0	1.068102	0.503	0.321	0 MG-Inflam Usp2
Fcgr3	0	0.527656	0.934	0.755	0 MG-Inflam Fcgr3
Lpcat21	0	0.75065	0.952	0.774	0 MG-Inflam Lpcat2
Basp11	0	0.674725	0.839	0.661	0 MG-Inflam Basp1
Ifngr1	0	0.842273	0.903	0.726	0 MG-Inflam Ifngr1
Selenop	0	0.44509	0.967	0.791	0 MG-Inflam Selenop
Otulin1	0	0.838172	0.833	0.66	0 MG-Inflam Otulin1
Cx3cr11	0	1.01067	0.982	0.81	0 MG-Inflam Cx3cr1
Zfhx31	0	0.4012	0.871	0.7	0 MG-Inflam Zfhx3
Itgb51	0	0.597496	0.94	0.769	0 MG-Inflam Itgb5
Tgfbr11	0	0.541513	0.931	0.761	0 MG-Inflam Tgfbr1
Abi31	0	0.796623	0.717	0.547	0 MG-Inflam Abi3
Tcn2	0	0.891187	0.647	0.48	0 MG-Inflam Tcn2
Sft2d1	0	0.895811	0.783	0.618	0 MG-Inflam Sft2d1
Scamp2	0	0.76605	0.847	0.686	0 MG-Inflam Scamp2
Cmtm6	0	0.956755	0.586	0.433	0 MG-Inflam Cmtm6
Marcks	0	0.719416	0.922	0.771	0 MG-Inflam Marcks
Ckb	0	0.610881	0.797	0.646	0 MG-Inflam Ckb
Ywhah	0	0.773586	0.732	0.583	0 MG-Inflam Ywhah
Cd53	0	0.779607	0.757	0.609	0 MG-Inflam Cd53
Arhgap451	0	0.755155	0.743	0.595	0 MG-Inflam Arhgap45
C1qa	0	0.453	0.999	0.852	0 MG-Inflam C1qa
C1qc	0	0.533763	0.998	0.854	0 MG-Inflam C1qc
Rgs10	0	0.643579	0.926	0.785	0 MG-Inflam Rgs10
Abhd121	0	0.522086	0.87	0.734	0 MG-Inflam Abhd12
C1qb	0	0.48049	0.999	0.871	0 MG-Inflam C1qb
Mtdh1	0	0.693255	0.8	0.672	0 MG-Inflam Mtdh
Rsrp11	0	0.714208	0.805	0.678	0 MG-Inflam Rsrp1
Unc93b1	0	0.588183	0.966	0.846	0 MG-Inflam Unc93b1
Sirpa1	0	0.547666	0.931	0.814	0 MG-Inflam Sirpa

Lgmn	0	0.700904	0.996	0.885	0	MG-Inflam	Lgmn
Csf1r	0	0.950952	0.997	0.892	0	MG-Inflam	Csf1r
Ctsd	0	0.609427	0.998	0.895	0	MG-Inflam	Ctsd
Serinc3	0	0.898784	0.984	0.883	0	MG-Inflam	Serinc3
Laptm5	0	0.769016	0.983	0.884	0	MG-Inflam	Laptm5
Itm2b	0	0.464303	0.998	0.949	0	MG-Inflam	Itm2b
Hexb	0	0.946093	0.999	0.968	0	MG-Inflam	Hexb
Cst3	0	1.309744	1	0.985	0	MG-Inflam	Cst3
Calm2	2.62E-305	0.659988	0.768	0.653	6.41E-301	MG-Inflam	Calm2
Arhgap51	3.54E-304	0.681518	0.686	0.51	8.66E-300	MG-Inflam	Arhgap51
Tmem59	4.50E-300	0.675466	0.753	0.632	1.10E-295	MG-Inflam	Tmem59
Sox4	1.32E-296	1.26559	0.343	0.173	3.24E-292	MG-Inflam	Sox4
Ccr51	7.20E-292	0.73632	0.65	0.47	1.76E-287	MG-Inflam	Ccr5
Pld4	5.29E-289	0.527685	0.879	0.733	1.29E-284	MG-Inflam	Pld4
Saraf	6.49E-287	0.838469	0.624	0.482	1.59E-282	MG-Inflam	Saraf
Hsp90b1	9.48E-287	0.540195	0.851	0.723	2.32E-282	MG-Inflam	Hsp90b1
Qk1	1.86E-285	0.331309	0.898	0.792	4.56E-281	MG-Inflam	Qk1
Cd331	1.04E-284	0.753913	0.669	0.525	2.54E-280	MG-Inflam	Cd33
Ctsf	2.20E-284	0.960255	0.537	0.37	5.38E-280	MG-Inflam	Ctsf
Itm2c	4.82E-281	0.585953	0.807	0.667	1.18E-276	MG-Inflam	Itm2c
Lag3	1.08E-280	0.5904	0.737	0.509	2.65E-276	MG-Inflam	Lag3
Apbb1ip1	3.50E-278	0.456234	0.84	0.733	8.56E-274	MG-Inflam	Apbb1ip1
Cyth41	5.44E-278	0.609032	0.756	0.647	1.33E-273	MG-Inflam	Cyth4
Ctss	5.98E-278	0.35451	0.998	0.922	1.46E-273	MG-Inflam	Ctss
Mertk1	1.86E-277	0.343728	0.862	0.7	4.55E-273	MG-Inflam	Mertk
Itgam1	1.86E-275	0.612695	0.755	0.619	4.55E-271	MG-Inflam	Itgam
Arhgef40	6.74E-273	1.219087	0.318	0.157	1.65E-268	MG-Inflam	Arhgef40
Bin11	1.26E-269	0.533386	0.792	0.665	3.09E-265	MG-Inflam	Bin1
Ivns1abp1	1.41E-268	0.711943	0.615	0.455	3.46E-264	MG-Inflam	Ivns1abp1
Ctsa	9.35E-268	0.454784	0.921	0.762	2.29E-263	MG-Inflam	Ctsa
Man2b1	1.74E-266	0.523876	0.85	0.712	4.27E-262	MG-Inflam	Man2b1
Syng1	5.23E-266	0.658999	0.645	0.45	1.28E-261	MG-Inflam	Syng1
Arsb1	2.99E-263	0.722915	0.588	0.417	7.32E-259	MG-Inflam	Arsb
Ly86	1.62E-262	0.336841	0.992	0.9	3.97E-258	MG-Inflam	Ly86
Rtn4rl11	3.81E-260	0.843864	0.493	0.32	9.33E-256	MG-Inflam	Rtn4rl1
Laptm4a	4.66E-259	0.518862	0.845	0.718	1.14E-254	MG-Inflam	Laptm4a
Rapgef51	3.79E-258	0.273621	0.756	0.557	9.28E-254	MG-Inflam	Rapgef5
Rnf13	1.33E-256	0.684688	0.689	0.566	3.27E-252	MG-Inflam	Rnf13
Jam2	2.18E-256	1.380787	0.255	0.115	5.33E-252	MG-Inflam	Jam2
Gng10	2.69E-255	0.587933	0.765	0.61	6.60E-251	MG-Inflam	Gng10
Comt	4.41E-255	0.710036	0.683	0.554	1.08E-250	MG-Inflam	Comt
Grn	3.61E-254	0.365808	0.976	0.834	8.84E-250	MG-Inflam	Grn
Tmem50a	4.54E-249	0.597412	0.761	0.651	1.11E-244	MG-Inflam	Tmem50a
Hpgds1	9.31E-249	0.542134	0.742	0.599	2.28E-244	MG-Inflam	Hpgds

Lair11	1.63E-247	0.463676	0.857	0.716	3.98E-243	MG-Inflam	Lair1
Frmd4a1	1.06E-241	0.313235	0.77	0.613	2.58E-237	MG-Inflam	Frmd4a
Lpar61	1.11E-241	1.095326	0.422	0.267	2.72E-237	MG-Inflam	Lpar6
Pag11	4.04E-241	0.315704	0.771	0.618	9.89E-237	MG-Inflam	Pag1
Pdia3	2.25E-237	0.507617	0.828	0.7	5.52E-233	MG-Inflam	Pdia3
Glul1	4.13E-237	0.426848	0.85	0.723	1.01E-232	MG-Inflam	Glul
Nrip11	1.24E-233	0.596937	0.639	0.49	3.04E-229	MG-Inflam	Nrip1
Ldhb	2.60E-231	0.611864	0.681	0.517	6.37E-227	MG-Inflam	Ldhb
Itga61	3.81E-231	0.725032	0.555	0.399	9.32E-227	MG-Inflam	Itga6
Abca91	9.69E-231	0.659071	0.605	0.45	2.37E-226	MG-Inflam	Abca9
Pla2g15	2.20E-230	0.785117	0.583	0.447	5.38E-226	MG-Inflam	Pla2g15
Sgk11	2.31E-230	0.712735	0.534	0.362	5.66E-226	MG-Inflam	Sgk1
Tspan71	2.32E-226	0.799408	0.524	0.371	5.67E-222	MG-Inflam	Tspan7
4933406118Rik	6.51E-226	0.444352	0.638	0.46	1.59E-221	MG-Inflam	4933406118Rik
Gtf2h21	4.55E-225	0.780933	0.536	0.39	1.11E-220	MG-Inflam	Gtf2h2
Dip2b1	1.08E-224	0.46003	0.706	0.568	2.65E-220	MG-Inflam	Dip2b
Tmbim6	3.40E-224	0.452864	0.877	0.764	8.33E-220	MG-Inflam	Tmbim6
Entpd11	1.04E-214	0.450249	0.764	0.648	2.55E-210	MG-Inflam	Entpd1
Mafb	2.59E-211	0.411356	0.851	0.689	6.33E-207	MG-Inflam	Mafb
0610040J01Rik	5.28E-210	0.591451	0.559	0.405	1.29E-205	MG-Inflam	0610040J01Rik
Cyfi11	1.79E-209	0.486599	0.782	0.684	4.38E-205	MG-Inflam	Cyfi1
Smap21	1.14E-206	0.481208	0.739	0.63	2.78E-202	MG-Inflam	Smap2
St3gal51	4.26E-202	0.789576	0.489	0.342	1.04E-197	MG-Inflam	St3gal5
E330020D12Rik	9.60E-200	0.975757	0.38	0.236	2.35E-195	MG-Inflam	E330020D12Rik
Chd91	2.26E-196	0.364159	0.81	0.721	5.53E-192	MG-Inflam	Chd9
Ctc1	4.26E-196	0.953372	0.45	0.32	1.04E-191	MG-Inflam	Ctc1
Gns1	9.80E-196	0.476264	0.789	0.681	2.40E-191	MG-Inflam	Gns
Atp6v0b	1.77E-195	0.434313	0.863	0.774	4.33E-191	MG-Inflam	Atp6v0b
Zfp69	4.55E-192	1.079492	0.309	0.176	1.11E-187	MG-Inflam	Zfp69
P2ry6	5.90E-191	0.534487	0.748	0.639	1.44E-186	MG-Inflam	P2ry6
Adora3	2.29E-190	1.027414	0.392	0.258	5.60E-186	MG-Inflam	Adora3
Gpr1831	2.20E-189	0.795604	0.467	0.324	5.38E-185	MG-Inflam	Gpr183
Daglb	8.87E-188	0.64551	0.615	0.5	2.17E-183	MG-Inflam	Daglb
Camk1	1.99E-186	0.607494	0.661	0.545	4.89E-182	MG-Inflam	Camk1
Mef2c1	3.67E-186	0.277309	0.826	0.71	9.00E-182	MG-Inflam	Mef2c
Cxxc5	7.01E-184	0.869105	0.412	0.275	1.72E-179	MG-Inflam	Cxxc5
Rnaset2b	9.34E-183	0.86512	0.524	0.416	2.29E-178	MG-Inflam	Rnaset2b
Bin2	2.30E-180	0.55994	0.679	0.57	5.64E-176	MG-Inflam	Bin2
1700017B05Rik	6.53E-179	0.854386	0.459	0.334	1.60E-174	MG-Inflam	1700017B05Rik
Ppcdc1	6.71E-179	0.756737	0.502	0.375	1.64E-174	MG-Inflam	Ppcdc
Bsg	3.27E-174	0.444998	0.76	0.666	8.01E-170	MG-Inflam	Bsg
Tgfb1	3.75E-172	0.531193	0.698	0.609	9.20E-168	MG-Inflam	Tgfb1
Tmed9	2.28E-171	0.716966	0.563	0.467	5.59E-167	MG-Inflam	Tmed9
Il10ra1	3.00E-170	0.432525	0.762	0.662	7.34E-166	MG-Inflam	Il10ra

Pros11	8.61E-168	0.625992	0.576	0.457	2.11E-163	MG-Inflam	Pros1
Lrba1	9.24E-168	0.871911	0.312	0.182	2.26E-163	MG-Inflam	Lrba
Edem2	4.81E-167	0.8676	0.469	0.362	1.18E-162	MG-Inflam	Edem2
8030442BC	4.46E-166	0.637993	0.316	0.18	1.09E-161	MG-Inflam	8030442B05Rik
Hexa	7.82E-166	0.398299	0.83	0.708	1.91E-161	MG-Inflam	Hexa
Clic1	2.89E-165	0.425171	0.852	0.744	7.08E-161	MG-Inflam	Clic1
Orai1	2.16E-164	0.711224	0.564	0.471	5.29E-160	MG-Inflam	Orai1
Fam102b1	5.08E-162	0.665922	0.444	0.31	1.25E-157	MG-Inflam	Fam102b
Adrb2	5.91E-161	0.679008	0.478	0.347	1.45E-156	MG-Inflam	Adrb2
Ppib	3.83E-160	0.477773	0.764	0.66	9.39E-156	MG-Inflam	Ppib
Lpcat31	3.31E-158	0.879947	0.428	0.314	8.11E-154	MG-Inflam	Lpcat3
A830008E2	1.54E-157	0.713403	0.394	0.26	3.77E-153	MG-Inflam	A830008E24Rik
Syng2	3.37E-155	0.456993	0.656	0.556	8.26E-151	MG-Inflam	Syng2
Tmem176b	5.44E-155	0.361503	0.763	0.606	1.33E-150	MG-Inflam	Tmem176b
Fgd21	1.34E-154	0.493395	0.663	0.564	3.29E-150	MG-Inflam	Fgd2
Rpn2	3.56E-152	0.623751	0.602	0.513	8.73E-148	MG-Inflam	Rpn2
Agmo1	5.19E-151	0.388361	0.498	0.353	1.27E-146	MG-Inflam	Agmo
Slc3a2	3.64E-150	0.574852	0.627	0.53	8.90E-146	MG-Inflam	Slc3a2
Fchsd21	7.86E-150	0.381265	0.622	0.5	1.92E-145	MG-Inflam	Fchsd2
Col27a11	1.22E-149	0.704121	0.35	0.221	2.99E-145	MG-Inflam	Col27a1
Gm26291	2.50E-148	0.393025	0.564	0.426	6.12E-144	MG-Inflam	Gm2629
Tjp11	2.07E-145	0.74404	0.376	0.251	5.06E-141	MG-Inflam	Tjp1
Csnk1e	2.25E-144	0.765834	0.472	0.369	5.51E-140	MG-Inflam	Csnk1e
Son1	8.46E-142	0.447986	0.709	0.641	2.07E-137	MG-Inflam	Son
Commd8	3.70E-140	0.872799	0.422	0.321	9.05E-136	MG-Inflam	Commd8
Sgce	3.01E-139	0.881469	0.352	0.238	7.36E-135	MG-Inflam	Sgce
Pip4p1	6.56E-139	0.684273	0.534	0.452	1.61E-134	MG-Inflam	Pip4p1
Rnf167	1.62E-138	0.971751	0.359	0.254	3.96E-134	MG-Inflam	Rnf167
Cmtm7	2.72E-138	0.528652	0.666	0.591	6.67E-134	MG-Inflam	Cmtm7
Snta11	2.17E-137	0.86456	0.361	0.248	5.32E-133	MG-Inflam	Snta1
Asah1	8.93E-136	0.449339	0.752	0.661	2.19E-131	MG-Inflam	Asah1
Rnf130	3.04E-135	0.443043	0.739	0.665	7.45E-131	MG-Inflam	Rnf130
Alox5ap	5.98E-135	0.271281	0.765	0.63	1.46E-130	MG-Inflam	Alox5ap
Gna151	1.50E-134	0.711844	0.466	0.365	3.68E-130	MG-Inflam	Gna15
Tpst2	1.37E-133	0.577968	0.584	0.505	3.36E-129	MG-Inflam	Tpst2
Tnfaip8l2	8.89E-133	0.684389	0.537	0.455	2.18E-128	MG-Inflam	Tnfaip8l2
Maf2	9.28E-133	0.476504	0.568	0.446	2.27E-128	MG-Inflam	Maf
Tmem86a	9.40E-133	0.607222	0.563	0.458	2.30E-128	MG-Inflam	Tmem86a
Plod1	2.10E-132	0.894314	0.393	0.291	5.15E-128	MG-Inflam	Plod1
Bbs91	2.74E-132	0.502161	0.376	0.248	6.70E-128	MG-Inflam	Bbs9
Cd300c2	6.86E-132	0.383753	0.82	0.713	1.68E-127	MG-Inflam	Cd300c2
Sec11c	8.45E-130	0.657941	0.548	0.47	2.07E-125	MG-Inflam	Sec11c
Rbm391	1.29E-129	0.367472	0.798	0.741	3.16E-125	MG-Inflam	Rbm39
Slc7a81	3.74E-129	0.49212	0.554	0.447	9.15E-125	MG-Inflam	Slc7a8

Eng	7.77E-129	1.003487	0.304	0.2	1.90E-124	MG-Inflam	Eng
Ddost	8.78E-129	0.616428	0.572	0.489	2.15E-124	MG-Inflam	Ddost
Slc46a1	6.60E-128	1.122317	0.294	0.195	1.62E-123	MG-Inflam	Slc46a1
Prkca1	1.60E-126	0.377911	0.446	0.317	3.93E-122	MG-Inflam	Prkca
Inka1	3.96E-126	1.133904	0.283	0.185	9.69E-122	MG-Inflam	Inka1
Mlxipl	1.33E-125	0.852862	0.3	0.192	3.27E-121	MG-Inflam	Mlxipl
Ndfip1	1.00E-124	0.499225	0.637	0.567	2.45E-120	MG-Inflam	Ndfip1
Rps6ka1	7.43E-124	0.595611	0.554	0.477	1.82E-119	MG-Inflam	Rps6ka1
Gpr155	4.10E-123	0.987518	0.263	0.161	1.01E-118	MG-Inflam	Gpr155
Whrn1	1.70E-122	0.607526	0.32	0.204	4.17E-118	MG-Inflam	Whrn
Plekho1	4.69E-122	0.515518	0.638	0.569	1.15E-117	MG-Inflam	Plekho1
Xist1	5.32E-122	0.44468	0.491	0.358	1.30E-117	MG-Inflam	Xist
Atraid	7.09E-122	0.755561	0.47	0.388	1.74E-117	MG-Inflam	Atraid
Cttnbp2nl1	2.97E-120	0.432345	0.579	0.481	7.28E-116	MG-Inflam	Cttnbp2nl
Snn	3.12E-120	0.98041	0.291	0.191	7.64E-116	MG-Inflam	Snn
Asph1	4.45E-120	0.479621	0.519	0.411	1.09E-115	MG-Inflam	Asph
Cyb561a3	1.39E-119	0.856985	0.383	0.286	3.40E-115	MG-Inflam	Cyb561a3
Dock101	6.96E-119	0.287528	0.692	0.596	1.70E-114	MG-Inflam	Dock10
Bmyc	1.16E-116	0.75831	0.455	0.37	2.83E-112	MG-Inflam	Bmyc
Slc29a31	2.11E-116	0.59693	0.536	0.451	5.17E-112	MG-Inflam	Slc29a3
Kctd121	9.15E-116	0.341766	0.699	0.605	2.24E-111	MG-Inflam	Kctd12
Soga11	3.11E-115	0.480251	0.478	0.368	7.62E-111	MG-Inflam	Soga1
Arl6ip1	8.97E-114	0.479956	0.661	0.594	2.20E-109	MG-Inflam	Arl6ip1
Rasgrp31	3.81E-113	0.437083	0.508	0.4	9.32E-109	MG-Inflam	Rasgrp3
Cd14	9.17E-113	0.30937	0.649	0.53	2.25E-108	MG-Inflam	Cd14
Ang	2.05E-112	0.858415	0.394	0.302	5.03E-108	MG-Inflam	Ang
Canx	9.71E-112	0.483817	0.647	0.584	2.38E-107	MG-Inflam	Canx
Havcr21	1.12E-111	0.660275	0.448	0.353	2.75E-107	MG-Inflam	Havcr2
Il6ra1	6.25E-111	0.489488	0.557	0.473	1.53E-106	MG-Inflam	Il6ra
Wasf21	9.59E-108	0.392119	0.665	0.61	2.35E-103	MG-Inflam	Wasf2
Erp29	1.12E-107	0.395665	0.758	0.681	2.74E-103	MG-Inflam	Erp29
Iffo11	4.25E-106	0.778837	0.327	0.228	1.04E-101	MG-Inflam	Iffo1
Pdia6	5.45E-106	0.544963	0.567	0.488	1.33E-101	MG-Inflam	Pdia6
Csf3r1	1.46E-105	0.337711	0.583	0.498	3.58E-101	MG-Inflam	Csf3r
Cd302	4.77E-104	0.787252	0.419	0.337	1.17E-99	MG-Inflam	Cd302
Cd34	2.68E-103	0.938443	0.284	0.19	6.57E-99	MG-Inflam	Cd34
Capn31	7.51E-102	0.542627	0.44	0.336	1.84E-97	MG-Inflam	Capn3
Mylip1	4.54E-101	0.414083	0.579	0.48	1.11E-96	MG-Inflam	Mylip
Adap21	6.61E-101	0.285017	0.648	0.562	1.62E-96	MG-Inflam	Adap2
Abhd6	7.72E-101	0.988564	0.297	0.21	1.89E-96	MG-Inflam	Abhd6
Sesn11	7.73E-101	0.685882	0.384	0.29	1.89E-96	MG-Inflam	Sesn1
P3h21	9.20E-100	0.311156	0.452	0.339	2.25E-95	MG-Inflam	P3h2
Pnp	1.91E-98	0.515379	0.547	0.471	4.67E-94	MG-Inflam	Pnp
Eef2k1	2.12E-98	0.695791	0.332	0.236	5.19E-94	MG-Inflam	Eef2k

Mfap3	1.27E-97	0.874836	0.327	0.241	3.10E-93	MG-Inflam	Mfap3
Lrrc3	1.59E-97	0.944974	0.259	0.171	3.89E-93	MG-Inflam	Lrrc3
Adam101	6.90E-96	0.544023	0.484	0.408	1.69E-91	MG-Inflam	Adam101
Adam15	2.60E-95	0.742571	0.431	0.358	6.38E-91	MG-Inflam	Adam15
Tpp1	2.90E-95	0.53233	0.543	0.462	7.11E-91	MG-Inflam	Tpp1
Tgfbr21	5.84E-94	0.293866	0.711	0.637	1.43E-89	MG-Inflam	Tgfbr2
Ntpcr	7.81E-94	0.511361	0.559	0.482	1.91E-89	MG-Inflam	Ntpcr
Stard31	8.28E-93	0.791886	0.38	0.303	2.03E-88	MG-Inflam	Stard3
Lrp11	1.04E-92	0.394021	0.664	0.585	2.54E-88	MG-Inflam	Lrp1
P4ha11	1.65E-92	0.638492	0.442	0.364	4.04E-88	MG-Inflam	P4ha1
Garnl31	1.54E-91	0.710682	0.275	0.183	3.77E-87	MG-Inflam	Garnl3
Asb2	3.07E-91	0.883958	0.281	0.195	7.53E-87	MG-Inflam	Asb2
Bank11	6.50E-90	0.54214	0.28	0.184	1.59E-85	MG-Inflam	Bank1
AC149090.	3.01E-89	0.518942	0.509	0.433	7.37E-85	MG-Inflam	AC149090.1
Ociad1	3.46E-88	0.607902	0.498	0.445	8.47E-84	MG-Inflam	Ociad1
B4galt4	1.26E-87	0.941769	0.273	0.191	3.08E-83	MG-Inflam	B4galt4
Il6st1	1.82E-87	0.58422	0.433	0.352	4.47E-83	MG-Inflam	Il6st
Anxa31	2.77E-87	0.35948	0.666	0.587	6.78E-83	MG-Inflam	Anxa3
Mgll	3.56E-87	0.682993	0.263	0.175	8.71E-83	MG-Inflam	Mgll
Plxbn21	4.33E-87	0.575591	0.494	0.429	1.06E-82	MG-Inflam	Plxbn2
Nptn	5.13E-86	0.45302	0.587	0.541	1.26E-81	MG-Inflam	Nptn
Ergic3	7.68E-86	0.580289	0.522	0.47	1.88E-81	MG-Inflam	Ergic3
Tacc11	1.14E-85	0.407946	0.551	0.485	2.78E-81	MG-Inflam	Tacc1
Lhfpl21	1.67E-85	0.369744	0.464	0.367	4.10E-81	MG-Inflam	Lhfpl2
Aup1	1.78E-85	0.514065	0.582	0.531	4.36E-81	MG-Inflam	Aup1
Rnaset2a	2.05E-85	0.79531	0.399	0.329	5.02E-81	MG-Inflam	Rnaset2a
Srsf71	4.91E-85	0.570739	0.488	0.426	1.20E-80	MG-Inflam	Srsf7
Fam91a11	9.52E-85	0.682344	0.361	0.278	2.33E-80	MG-Inflam	Fam91a1
Fmnl31	4.05E-84	0.443868	0.49	0.408	9.91E-80	MG-Inflam	Fmnl3
Rab3il11	4.39E-84	0.562328	0.48	0.411	1.08E-79	MG-Inflam	Rab3il1
Tram1	1.49E-81	0.684579	0.434	0.374	3.65E-77	MG-Inflam	Tram1
Tmem273	1.97E-81	0.787513	0.286	0.204	4.81E-77	MG-Inflam	Tmem273
Serinc1	8.30E-81	0.720354	0.406	0.343	2.03E-76	MG-Inflam	Serinc1
Snx181	1.80E-80	0.520352	0.482	0.413	4.40E-76	MG-Inflam	Snx18
Plod3	2.88E-80	0.723544	0.388	0.32	7.06E-76	MG-Inflam	Plod3
Rrbp11	5.31E-80	0.26964	0.823	0.766	1.30E-75	MG-Inflam	Rrbp1
Spcs2	5.42E-80	0.510456	0.55	0.497	1.33E-75	MG-Inflam	Spcs2
Tspan4	2.84E-79	0.891547	0.314	0.24	6.96E-75	MG-Inflam	Tspan4
Sort11	7.66E-79	0.629628	0.37	0.29	1.87E-74	MG-Inflam	Sort1
Adprh	4.58E-78	0.80613	0.361	0.297	1.12E-73	MG-Inflam	Adprh
Adrb1	9.96E-78	0.770204	0.255	0.173	2.44E-73	MG-Inflam	Adrb1
Ccng2	1.28E-77	0.924387	0.25	0.174	3.13E-73	MG-Inflam	Ccng2
Ypel3	2.55E-77	0.371656	0.633	0.573	6.24E-73	MG-Inflam	Ypel3
Tm9sf21	5.46E-77	0.580179	0.465	0.409	1.34E-72	MG-Inflam	Tm9sf2

Map111	8.21E-77	0.7064	0.396	0.329	2.01E-72	MG-Inflam	Map11
P4hb	2.60E-76	0.502072	0.537	0.484	6.36E-72	MG-Inflam	P4hb
Tmed10	7.08E-75	0.426219	0.606	0.563	1.73E-70	MG-Inflam	Tmed10
Mfng	8.85E-75	0.908971	0.284	0.212	2.17E-70	MG-Inflam	Mfng
Man1a21	5.41E-73	0.517771	0.442	0.373	1.32E-68	MG-Inflam	Man1a2
Rhobtb11	1.23E-72	0.539783	0.316	0.231	3.02E-68	MG-Inflam	Rhobtb1
Git21	3.01E-72	0.404794	0.535	0.478	7.38E-68	MG-Inflam	Git2
Cask1	4.11E-72	0.517669	0.381	0.299	1.01E-67	MG-Inflam	Cask
Selenos	4.97E-72	0.670348	0.425	0.372	1.22E-67	MG-Inflam	Selenos
Tmed7	1.67E-71	0.719154	0.38	0.32	4.10E-67	MG-Inflam	Tmed7
Rpn1	3.59E-71	0.687219	0.411	0.355	8.80E-67	MG-Inflam	Rpn1
Arf1	1.04E-70	0.420029	0.597	0.556	2.55E-66	MG-Inflam	Arf1
Scamp51	4.10E-70	0.690271	0.321	0.248	1.00E-65	MG-Inflam	Scamp5
Tmed5	6.37E-70	0.646751	0.426	0.374	1.56E-65	MG-Inflam	Tmed5
Itgb2	1.14E-69	0.363362	0.632	0.582	2.78E-65	MG-Inflam	Itgb2
Slc16a61	1.77E-69	0.495977	0.375	0.296	4.34E-65	MG-Inflam	Slc16a6
Slc35b2	9.06E-69	0.726728	0.383	0.327	2.22E-64	MG-Inflam	Slc35b2
Rab14	1.41E-68	0.425388	0.589	0.555	3.45E-64	MG-Inflam	Rab14
Arl101	2.95E-68	0.84182	0.301	0.235	7.22E-64	MG-Inflam	Arl10
Rabac1	7.97E-68	0.432749	0.56	0.519	1.95E-63	MG-Inflam	Rabac1
Atp6ap1	1.05E-67	0.474611	0.545	0.504	2.57E-63	MG-Inflam	Atp6ap1
Slc40a1	2.37E-67	0.372257	0.292	0.211	5.80E-63	MG-Inflam	Slc40a1
Cysltr1	7.51E-67	0.848248	0.25	0.179	1.84E-62	MG-Inflam	Cysltr1
Atp6v0a2	1.26E-66	0.658271	0.363	0.296	3.08E-62	MG-Inflam	Atp6v0a2
4632427E1	4.57E-66	0.783054	0.252	0.181	1.12E-61	MG-Inflam	4632427E13Rik
Tecr	6.36E-66	0.496295	0.511	0.47	1.56E-61	MG-Inflam	Tecr
Capza2	1.43E-65	0.310186	0.71	0.67	3.50E-61	MG-Inflam	Capza2
Itgb1	4.47E-65	0.513099	0.482	0.434	1.09E-60	MG-Inflam	Itgb1
Snrnp701	7.02E-65	0.402741	0.547	0.507	1.72E-60	MG-Inflam	Snrnp70
Phf141	1.42E-64	0.354608	0.46	0.391	3.47E-60	MG-Inflam	Phf14
Tspan141	3.14E-64	0.418801	0.462	0.398	7.68E-60	MG-Inflam	Tspan14
Tm6sf11	3.36E-64	0.503637	0.428	0.361	8.22E-60	MG-Inflam	Tm6sf1
Zfp706	3.98E-64	0.460845	0.537	0.499	9.75E-60	MG-Inflam	Zfp706
Tmem37	7.16E-64	0.737297	0.338	0.273	1.75E-59	MG-Inflam	Tmem37
Bcap31	8.71E-64	0.532579	0.483	0.444	2.13E-59	MG-Inflam	Bcap31
Card91	1.00E-63	0.776645	0.32	0.258	2.45E-59	MG-Inflam	Card9
Ints6l1	1.48E-63	0.439527	0.415	0.34	3.64E-59	MG-Inflam	Ints6l
Ifnar2	1.89E-63	0.338707	0.675	0.634	4.64E-59	MG-Inflam	Ifnar2
Atp2c11	1.91E-63	0.494138	0.446	0.388	4.68E-59	MG-Inflam	Atp2c1
Slc1a31	4.44E-63	0.360771	0.482	0.401	1.09E-58	MG-Inflam	Slc1a3
Mknk11	5.25E-63	0.509869	0.443	0.389	1.29E-58	MG-Inflam	Mknk1
Klf3	1.13E-62	0.465914	0.464	0.407	2.77E-58	MG-Inflam	Klf3
Fcgr1	1.45E-62	0.306171	0.654	0.573	3.54E-58	MG-Inflam	Fcgr1
Snx17	6.95E-62	0.689335	0.388	0.34	1.70E-57	MG-Inflam	Snx17

Abcc31	1.36E-61	0.596253	0.362	0.294	3.34E-57	MG-Inflam	Abcc3
Pycard	4.45E-61	0.347616	0.626	0.563	1.09E-56	MG-Inflam	Pycard
Pwwp2a1	5.73E-61	0.446978	0.335	0.259	1.40E-56	MG-Inflam	Pwwp2a
Ifi27	2.64E-60	0.61905	0.39	0.329	6.46E-56	MG-Inflam	Ifi27
Stambpl11	6.79E-60	0.679696	0.297	0.228	1.66E-55	MG-Inflam	Stambpl1
Blnk1	5.78E-59	0.304981	0.548	0.483	1.42E-54	MG-Inflam	Blnk
Nckap1l1	7.95E-59	0.400252	0.516	0.476	1.95E-54	MG-Inflam	Nckap1l
Mtus11	8.14E-59	0.389112	0.466	0.405	1.99E-54	MG-Inflam	Mtus1
Tspan3	1.31E-58	0.503869	0.441	0.389	3.20E-54	MG-Inflam	Tspan3
Rgmb1	5.24E-58	0.762565	0.305	0.244	1.28E-53	MG-Inflam	Rgmb
Slc44a2	1.01E-56	0.718251	0.275	0.211	2.48E-52	MG-Inflam	Slc44a2
Pald11	1.11E-56	0.482871	0.355	0.287	2.72E-52	MG-Inflam	Pald1
Tmem63a	4.12E-56	0.760781	0.284	0.222	1.01E-51	MG-Inflam	Tmem63a
Pou2f21	2.27E-55	0.282199	0.573	0.521	5.56E-51	MG-Inflam	Pou2f2
Hps41	3.69E-55	0.511026	0.403	0.345	9.04E-51	MG-Inflam	Hps4
Fermt3	5.12E-55	0.368298	0.593	0.565	1.25E-50	MG-Inflam	Fermt3
Slc50a1	1.08E-54	0.712082	0.365	0.321	2.64E-50	MG-Inflam	Slc50a1
Ptp4a3	1.08E-54	0.713543	0.333	0.28	2.65E-50	MG-Inflam	Ptp4a3
Tnfrsf1a	1.26E-54	0.497045	0.481	0.449	3.09E-50	MG-Inflam	Tnfrsf1a
Twf2	5.45E-54	0.537758	0.46	0.424	1.34E-49	MG-Inflam	Twf2
Naa351	8.59E-54	0.766477	0.303	0.247	2.10E-49	MG-Inflam	Naa35
Cd300a	1.02E-53	0.439291	0.487	0.434	2.51E-49	MG-Inflam	Cd300a
Ulk21	2.48E-53	0.392375	0.427	0.363	6.07E-49	MG-Inflam	Ulk2
Retreg11	5.07E-53	0.262435	0.503	0.447	1.24E-48	MG-Inflam	Retreg1
Reep5	5.50E-53	0.355196	0.607	0.575	1.35E-48	MG-Inflam	Reep5
Slc29a1	6.05E-53	0.719024	0.325	0.272	1.48E-48	MG-Inflam	Slc29a1
Mgat11	1.23E-52	0.676247	0.327	0.272	3.01E-48	MG-Inflam	Mgat1
Pkig1	1.25E-52	0.376942	0.54	0.506	3.07E-48	MG-Inflam	Pkig
Sec62	1.92E-52	0.615656	0.424	0.388	4.70E-48	MG-Inflam	Sec62
Selenof	4.83E-52	0.303788	0.665	0.62	1.18E-47	MG-Inflam	Selenof
Lamp2	1.88E-51	0.271659	0.693	0.649	4.61E-47	MG-Inflam	Lamp2
Acap21	8.27E-51	0.320411	0.526	0.485	2.02E-46	MG-Inflam	Acap2
Rtn4	4.83E-50	0.335879	0.605	0.577	1.18E-45	MG-Inflam	Rtn4
Gm265421	1.57E-49	0.486412	0.282	0.216	3.84E-45	MG-Inflam	Gm26542
St6galnac4	2.17E-49	0.668251	0.347	0.299	5.31E-45	MG-Inflam	St6galnac4
Gcnt1	5.39E-49	0.673781	0.257	0.197	1.32E-44	MG-Inflam	Gcnt1
Ppfia4	6.18E-49	0.358371	0.544	0.489	1.51E-44	MG-Inflam	Ppfia4
Arrb2	7.07E-49	0.358772	0.555	0.527	1.73E-44	MG-Inflam	Arrb2
Tubgcp51	1.16E-48	0.501674	0.351	0.291	2.85E-44	MG-Inflam	Tubgcp5
Manf	1.77E-48	0.475889	0.444	0.4	4.32E-44	MG-Inflam	Manf
Slc12a91	9.96E-48	0.56866	0.381	0.334	2.44E-43	MG-Inflam	Slc12a9
Sipa11	4.22E-47	0.529359	0.382	0.336	1.03E-42	MG-Inflam	Sipa1
Pten1	6.71E-47	0.393644	0.478	0.441	1.64E-42	MG-Inflam	Pten
Tmem30a	2.97E-46	0.577607	0.407	0.373	7.28E-42	MG-Inflam	Tmem30a

Mpc1	7.42E-46	0.399548	0.508	0.48	1.82E-41	MG-Inflam	Mpc1
Zfp6521	9.50E-46	0.32194	0.447	0.393	2.33E-41	MG-Inflam	Zfp652
Tspan13	2.04E-45	0.402266	0.417	0.359	4.99E-41	MG-Inflam	Tspan13
H2-M3	5.99E-45	0.56098	0.44	0.414	1.47E-40	MG-Inflam	H2-M3
Spcs1	8.39E-45	0.405737	0.532	0.506	2.06E-40	MG-Inflam	Spcs1
Herc21	1.97E-44	0.307967	0.473	0.419	4.83E-40	MG-Inflam	Herc2
Nucb1	1.98E-44	0.555373	0.412	0.378	4.84E-40	MG-Inflam	Nucb1
Cebpg1	2.12E-44	0.60565	0.368	0.328	5.19E-40	MG-Inflam	Cebpg
Vkorc1	5.25E-44	0.489542	0.451	0.42	1.29E-39	MG-Inflam	Vkorc1
Ncstn	7.55E-44	0.521497	0.434	0.404	1.85E-39	MG-Inflam	Ncstn
Papss1	2.16E-43	0.67664	0.283	0.232	5.29E-39	MG-Inflam	Papss1
Il16	4.84E-43	0.659119	0.309	0.261	1.19E-38	MG-Inflam	Il16
Txndc15	7.53E-43	0.680535	0.328	0.287	1.84E-38	MG-Inflam	Txndc15
Parvg	1.07E-42	0.680301	0.3	0.251	2.63E-38	MG-Inflam	Parvg
Ptpra1	1.10E-42	0.322811	0.524	0.491	2.69E-38	MG-Inflam	Ptpra
Evl1	1.17E-42	0.311819	0.516	0.484	2.87E-38	MG-Inflam	Evl
Tnfrsf211	3.81E-42	0.497766	0.377	0.332	9.33E-38	MG-Inflam	Tnfrsf21
Rtn11	1.70E-41	0.266953	0.301	0.236	4.16E-37	MG-Inflam	Rtn1
Mlec	3.37E-41	0.617613	0.337	0.295	8.25E-37	MG-Inflam	Mlec
Taz1	1.91E-40	0.703478	0.287	0.242	4.68E-36	MG-Inflam	Taz
Cul11	1.64E-39	0.503667	0.354	0.311	4.02E-35	MG-Inflam	Cul1
Tsc22d4	2.91E-39	0.449122	0.442	0.417	7.12E-35	MG-Inflam	Tsc22d4
Acp2	4.56E-39	0.554732	0.38	0.346	1.12E-34	MG-Inflam	Acp2
Pttg1ip	4.69E-39	0.701208	0.309	0.27	1.15E-34	MG-Inflam	Pttg1ip
Rnasek	6.24E-39	0.336494	0.576	0.553	1.53E-34	MG-Inflam	Rnasek
Rasal31	1.95E-38	0.616132	0.301	0.255	4.76E-34	MG-Inflam	Rasal3
Cnpy3	5.63E-38	0.663984	0.331	0.295	1.38E-33	MG-Inflam	Cnpy3
Emc3	9.37E-38	0.744337	0.277	0.236	2.30E-33	MG-Inflam	Emc3
Tmco1	1.21E-37	0.663634	0.344	0.312	2.97E-33	MG-Inflam	Tmco1
Cldnd1	1.71E-37	0.748969	0.261	0.218	4.18E-33	MG-Inflam	Cldnd1
Calr	4.08E-37	0.330327	0.526	0.489	9.99E-33	MG-Inflam	Calr
Cd82	1.40E-36	0.508681	0.404	0.376	3.44E-32	MG-Inflam	Cd82
Tuba1a	1.92E-36	0.412688	0.297	0.245	4.69E-32	MG-Inflam	Tuba1a
Vav11	2.83E-36	0.324759	0.513	0.498	6.92E-32	MG-Inflam	Vav1
Dad1	5.85E-35	0.324727	0.551	0.533	1.43E-30	MG-Inflam	Dad1
Rogdi	9.77E-35	0.460238	0.403	0.37	2.39E-30	MG-Inflam	Rogdi
Kcnk61	1.95E-34	0.567693	0.297	0.253	4.78E-30	MG-Inflam	Kcnk6
Rtn31	2.77E-34	0.285071	0.506	0.487	6.79E-30	MG-Inflam	Rtn3
Tmed2	2.82E-34	0.419303	0.482	0.467	6.91E-30	MG-Inflam	Tmed2
Pdgfb1	1.21E-33	0.370018	0.315	0.266	2.97E-29	MG-Inflam	Pdgfb
Spint1	4.12E-33	0.450501	0.368	0.323	1.01E-28	MG-Inflam	Spint1
B230219D2	1.42E-32	0.583834	0.328	0.295	3.47E-28	MG-Inflam	B230219D22Rik
Ttc14	1.55E-32	0.572811	0.312	0.273	3.80E-28	MG-Inflam	Ttc14
Hnrnp31	3.37E-32	0.573231	0.297	0.257	8.25E-28	MG-Inflam	Hnrnp3

Lman1	3.51E-32	0.746959	0.277	0.242	8.60E-28	MG-Inflam	Lman1
Dtx4	3.90E-32	0.586239	0.25	0.204	9.54E-28	MG-Inflam	Dtx4
Hnrnpk	4.61E-32	0.299899	0.563	0.552	1.13E-27	MG-Inflam	Hnrnpk
Pdia4	5.80E-32	0.561968	0.351	0.32	1.42E-27	MG-Inflam	Pdia4
Pcbp1	5.87E-32	0.304298	0.546	0.527	1.44E-27	MG-Inflam	Pcbp1
Tm9sf3	1.70E-31	0.472686	0.401	0.38	4.17E-27	MG-Inflam	Tm9sf3
Emc7	1.85E-31	0.538137	0.372	0.352	4.54E-27	MG-Inflam	Emc7
Cryl11	1.89E-31	0.464384	0.302	0.259	4.63E-27	MG-Inflam	Cryl1
Ndfip21	2.58E-31	0.610751	0.297	0.26	6.31E-27	MG-Inflam	Ndfip2
Cnpy2	2.77E-31	0.603009	0.334	0.308	6.78E-27	MG-Inflam	Cnpy2
Cnot8	3.09E-31	0.67813	0.291	0.258	7.58E-27	MG-Inflam	Cnot8
Hsd17b11	4.47E-31	0.678561	0.298	0.265	1.10E-26	MG-Inflam	Hsd17b11
Dnm21	2.44E-30	0.27129	0.525	0.512	5.98E-26	MG-Inflam	Dnm2
Pon31	2.86E-30	0.619887	0.293	0.256	7.00E-26	MG-Inflam	Pon3
Atp6ap2	3.42E-30	0.356656	0.494	0.478	8.39E-26	MG-Inflam	Atp6ap2
Ppt1	3.75E-30	0.342192	0.47	0.45	9.18E-26	MG-Inflam	Ppt1
Rhoh1	3.76E-30	0.266792	0.448	0.412	9.21E-26	MG-Inflam	Rhoh
Arglu11	8.66E-30	0.391514	0.388	0.358	2.12E-25	MG-Inflam	Arglu1
Arcp4	1.11E-29	0.26225	0.618	0.599	2.71E-25	MG-Inflam	Arcp4
2610203C2	1.23E-29	0.324626	0.257	0.206	3.01E-25	MG-Inflam	2610203C2Rik
Hnrnp11	1.56E-29	0.420423	0.351	0.315	3.82E-25	MG-Inflam	Hnrnp11
Herpud1	1.68E-29	0.388628	0.414	0.383	4.11E-25	MG-Inflam	Herpud1
Xbp1	5.03E-29	0.508553	0.397	0.378	1.23E-24	MG-Inflam	Xbp1
Fkbp2	6.23E-29	0.449282	0.424	0.406	1.52E-24	MG-Inflam	Fkbp2
Zeb2os	2.44E-28	0.477972	0.377	0.351	5.97E-24	MG-Inflam	Zeb2os
Sema4d	3.12E-28	0.357328	0.458	0.441	7.63E-24	MG-Inflam	Sema4d
ldh2	3.54E-28	0.545821	0.325	0.296	8.66E-24	MG-Inflam	ldh2
Dapp11	5.76E-28	0.349468	0.391	0.358	1.41E-23	MG-Inflam	Dapp1
Lpin21	1.16E-27	0.284799	0.458	0.431	2.84E-23	MG-Inflam	Lpin2
Ndufc2	1.62E-27	0.305873	0.516	0.506	3.96E-23	MG-Inflam	Ndufc2
Cebpd	4.21E-27	0.376805	0.319	0.277	1.03E-22	MG-Inflam	Cebpd
Selenok	9.68E-27	0.250328	0.595	0.59	2.37E-22	MG-Inflam	Selenok
Scarb21	1.37E-26	0.294145	0.517	0.501	3.36E-22	MG-Inflam	Scarb2
Arl8b1	1.81E-26	0.500946	0.343	0.319	4.43E-22	MG-Inflam	Arl8b
Ighm	1.92E-26	0.416004	0.401	0.376	4.69E-22	MG-Inflam	Ighm
Nagpa	5.78E-26	0.706805	0.289	0.264	1.41E-21	MG-Inflam	Nagpa
Emc10	6.84E-26	0.553617	0.358	0.343	1.67E-21	MG-Inflam	Emc10
Rp21	1.67E-25	0.507188	0.325	0.297	4.10E-21	MG-Inflam	Rp2
Tm2d2	1.92E-25	0.579962	0.329	0.31	4.71E-21	MG-Inflam	Tm2d2
Gm50861	2.18E-25	0.354554	0.289	0.246	5.34E-21	MG-Inflam	Gm5086
Iscu	1.18E-24	0.30877	0.478	0.471	2.89E-20	MG-Inflam	Iscu
Psenen	1.35E-24	0.329824	0.506	0.505	3.30E-20	MG-Inflam	Psenen
2-Mar	1.83E-24	0.573239	0.324	0.306	4.49E-20	MG-Inflam	2-Mar
Ldb11	3.07E-24	0.517693	0.328	0.305	7.51E-20	MG-Inflam	Ldb1

Ilgav1	3.78E-24	0.353419	0.349	0.315	9.25E-20	MG-Inflam	Ilgav
Slc46a3	5.96E-24	0.551891	0.263	0.229	1.46E-19	MG-Inflam	Slc46a3
Nars	8.04E-24	0.507825	0.353	0.336	1.97E-19	MG-Inflam	Nars
Il13ra11	1.12E-23	0.527909	0.304	0.276	2.75E-19	MG-Inflam	Il13ra1
Yipf4	3.15E-23	0.671204	0.259	0.233	7.71E-19	MG-Inflam	Yipf4
Srsf9	4.02E-23	0.351602	0.478	0.475	9.85E-19	MG-Inflam	Srsf9
Fez21	4.74E-23	0.501881	0.306	0.278	1.16E-18	MG-Inflam	Fez2
Zfp90	1.07E-22	0.489245	0.271	0.238	2.61E-18	MG-Inflam	Zfp90
Ostc	1.38E-22	0.528995	0.348	0.334	3.38E-18	MG-Inflam	Ostc
Kif21b1	3.09E-22	0.335907	0.32	0.285	7.57E-18	MG-Inflam	Kif21b
Sar1b	4.40E-22	0.591895	0.293	0.272	1.08E-17	MG-Inflam	Sar1b
Akr1b10	4.81E-22	0.665163	0.26	0.232	1.18E-17	MG-Inflam	Akr1b10
Clptm1	6.47E-22	0.52548	0.339	0.323	1.58E-17	MG-Inflam	Clptm1
Stt3a	7.32E-22	0.581485	0.297	0.276	1.79E-17	MG-Inflam	Stt3a
Lmo2	8.69E-22	0.330313	0.464	0.458	2.13E-17	MG-Inflam	Lmo2
Ddrgk1	1.76E-21	0.455851	0.406	0.401	4.30E-17	MG-Inflam	Ddrgk1
Krtcap2	1.82E-21	0.385161	0.448	0.444	4.46E-17	MG-Inflam	Krtcap2
Cnbp	2.32E-21	0.254272	0.526	0.523	5.69E-17	MG-Inflam	Cnbp
Sppl31	3.03E-21	0.316482	0.375	0.353	7.43E-17	MG-Inflam	Sppl3
Gtpbp21	4.20E-21	0.530426	0.295	0.269	1.03E-16	MG-Inflam	Gtpbp2
Npc11	7.05E-21	0.579687	0.274	0.248	1.73E-16	MG-Inflam	Npc1
Leprot	8.02E-21	0.479485	0.351	0.341	1.96E-16	MG-Inflam	Leprot
Sypl	1.50E-20	0.530237	0.31	0.292	3.66E-16	MG-Inflam	Sypl
Nfam11	1.92E-20	0.371193	0.37	0.351	4.69E-16	MG-Inflam	Nfam1
Arhgap4	3.85E-20	0.486716	0.293	0.267	9.43E-16	MG-Inflam	Arhgap4
Gmip	3.87E-20	0.38543	0.395	0.383	9.48E-16	MG-Inflam	Gmip
Glmf	4.16E-20	0.304663	0.481	0.469	1.02E-15	MG-Inflam	Glmf
Zdhhc201	4.78E-20	0.405824	0.346	0.325	1.17E-15	MG-Inflam	Zdhhc20
Lpxn1	7.19E-20	0.495128	0.285	0.259	1.76E-15	MG-Inflam	Lpxn
Gspt11	7.75E-20	0.457782	0.335	0.317	1.90E-15	MG-Inflam	Gspt1
Arhgap121	9.76E-20	0.288716	0.297	0.263	2.39E-15	MG-Inflam	Arhgap12
Adam171	1.23E-19	0.38426	0.385	0.375	3.01E-15	MG-Inflam	Adam17
M6pr	1.49E-19	0.323878	0.469	0.466	3.64E-15	MG-Inflam	M6pr
Tra2a1	1.70E-19	0.342008	0.405	0.394	4.15E-15	MG-Inflam	Tra2a
Fyco1	1.96E-19	0.50798	0.254	0.224	4.81E-15	MG-Inflam	Fyco1
Tmem33	1.98E-19	0.577136	0.294	0.276	4.85E-15	MG-Inflam	Tmem33
Il21r1	4.77E-19	0.346501	0.392	0.377	1.17E-14	MG-Inflam	Il21r
Supt20	6.23E-19	0.531616	0.254	0.227	1.53E-14	MG-Inflam	Supt20
Smox1	1.04E-18	0.442193	0.306	0.283	2.54E-14	MG-Inflam	Smox
Sik21	1.62E-18	0.332202	0.255	0.221	3.96E-14	MG-Inflam	Sik2
Tmem109	1.81E-18	0.634285	0.261	0.24	4.44E-14	MG-Inflam	Tmem109
Rubcnl1	6.27E-18	0.386293	0.268	0.238	1.54E-13	MG-Inflam	Rubcnl
Ccni	1.38E-17	0.327073	0.425	0.42	3.38E-13	MG-Inflam	Ccni
Arl1	1.51E-17	0.59336	0.26	0.241	3.70E-13	MG-Inflam	Arl1

Elk31	2.10E-17	0.298949	0.359	0.341	5.15E-13	MG-Inflam	Elk3
Gusb	4.55E-17	0.266464	0.508	0.5	1.11E-12	MG-Inflam	Gusb
Tmed3	5.08E-17	0.404415	0.393	0.39	1.24E-12	MG-Inflam	Tmed3
Lrp10	5.82E-17	0.516468	0.316	0.306	1.43E-12	MG-Inflam	Lrp10
Pon2	6.53E-17	0.467621	0.327	0.316	1.60E-12	MG-Inflam	Pon2
Srpr	7.93E-17	0.459816	0.345	0.338	1.94E-12	MG-Inflam	Srpr
Rassf21	8.31E-17	0.26479	0.342	0.318	2.04E-12	MG-Inflam	Rassf2
Man2b2	1.19E-16	0.506239	0.313	0.3	2.92E-12	MG-Inflam	Man2b2
Fbrsl11	1.20E-16	0.346092	0.356	0.341	2.93E-12	MG-Inflam	Fbrsl1
Os9	1.23E-16	0.356995	0.43	0.431	3.01E-12	MG-Inflam	Os9
Sla1	3.55E-16	0.301482	0.36	0.342	8.69E-12	MG-Inflam	Sla
Slc35c2	3.86E-16	0.551742	0.288	0.274	9.46E-12	MG-Inflam	Slc35c2
Aim21	4.43E-16	0.276712	0.384	0.369	1.09E-11	MG-Inflam	Aim2
Sun2	4.45E-16	0.486907	0.279	0.259	1.09E-11	MG-Inflam	Sun2
Samsn11	5.36E-16	0.277717	0.272	0.243	1.31E-11	MG-Inflam	Samsn1
Rgs19	1.23E-15	0.442007	0.343	0.337	3.01E-11	MG-Inflam	Rgs19
Abl11	1.35E-15	0.257255	0.282	0.253	3.30E-11	MG-Inflam	Abl1
Vapa	2.17E-15	0.277334	0.453	0.461	5.32E-11	MG-Inflam	Vapa
Edem11	2.42E-15	0.387139	0.339	0.328	5.94E-11	MG-Inflam	Edem1
Plxdc11	3.17E-15	0.37489	0.262	0.237	7.76E-11	MG-Inflam	Plxdc1
Cebpz1	3.93E-15	0.473014	0.333	0.324	9.62E-11	MG-Inflam	Cebpz1
Tlr71	5.08E-15	0.280664	0.369	0.352	1.25E-10	MG-Inflam	Tlr7
Cebpz1	8.96E-15	0.524168	0.303	0.291	2.19E-10	MG-Inflam	Cebpz
Naglu	9.90E-15	0.482587	0.313	0.3	2.43E-10	MG-Inflam	Naglu
Hfe	1.07E-14	0.503287	0.28	0.263	2.63E-10	MG-Inflam	Hfe
Srsf2	1.20E-14	0.284198	0.447	0.451	2.93E-10	MG-Inflam	Srsf2
Gdi11	1.61E-14	0.490733	0.261	0.242	3.95E-10	MG-Inflam	Gdi1
Akap8l1	2.53E-14	0.345344	0.329	0.313	6.21E-10	MG-Inflam	Akap8l
Derl1	3.28E-14	0.423004	0.361	0.361	8.03E-10	MG-Inflam	Derl1
Heatr5a1	3.63E-14	0.277023	0.355	0.34	8.89E-10	MG-Inflam	Heatr5a
Slc12a21	4.31E-14	0.296047	0.296	0.27	1.05E-09	MG-Inflam	Slc12a2
Itch1	4.36E-14	0.271715	0.352	0.337	1.07E-09	MG-Inflam	Itch
Clec4a3	7.01E-14	0.388238	0.306	0.287	1.72E-09	MG-Inflam	Clec4a3
Mcfd2	7.89E-14	0.499623	0.292	0.281	1.93E-09	MG-Inflam	Mcfd2
Ssr2	9.00E-14	0.457121	0.336	0.333	2.20E-09	MG-Inflam	Ssr2
Clec4a2	1.14E-13	0.439777	0.279	0.258	2.79E-09	MG-Inflam	Clec4a2
Washc41	1.34E-13	0.409309	0.286	0.268	3.28E-09	MG-Inflam	Washc4
Tmem14c	1.66E-13	0.289595	0.438	0.445	4.07E-09	MG-Inflam	Tmem14c
Slc39a7	2.11E-13	0.546875	0.25	0.235	5.16E-09	MG-Inflam	Slc39a7
Ptpre1	2.96E-13	0.313488	0.353	0.344	7.26E-09	MG-Inflam	Ptpre
Gtf2i1	3.23E-13	0.340164	0.269	0.247	7.91E-09	MG-Inflam	Gtf2i
Tm2d1	4.41E-13	0.526847	0.287	0.28	1.08E-08	MG-Inflam	Tm2d1
Tnfrsf1b1	4.73E-13	0.264854	0.364	0.355	1.16E-08	MG-Inflam	Tnfrsf1b
Sppl2a	6.78E-13	0.33975	0.387	0.39	1.66E-08	MG-Inflam	Sppl2a

Fam173a	9.34E-13	0.445834	0.34	0.341	2.29E-08	MG-Inflam	Fam173a
Ebp	1.31E-12	0.583463	0.268	0.26	3.21E-08	MG-Inflam	Ebp
Pik3cg1	1.37E-12	0.306349	0.307	0.29	3.37E-08	MG-Inflam	Pik3cg
Leng81	1.84E-12	0.372391	0.286	0.27	4.50E-08	MG-Inflam	Leng8
Wdr441	1.88E-12	0.283563	0.252	0.228	4.60E-08	MG-Inflam	Wdr44
Il10rb	2.17E-12	0.272694	0.458	0.463	5.32E-08	MG-Inflam	Il10rb
Numa11	3.06E-12	0.420235	0.298	0.287	7.49E-08	MG-Inflam	Numa1
Unc50	4.55E-12	0.536388	0.28	0.274	1.11E-07	MG-Inflam	Unc50
Mtch1	5.40E-12	0.380542	0.345	0.345	1.32E-07	MG-Inflam	Mtch1
Pnizr1	8.57E-12	0.296408	0.336	0.328	2.10E-07	MG-Inflam	Pnizr
Cers2	1.13E-11	0.508258	0.296	0.293	2.76E-07	MG-Inflam	Cers2
Tmem208	1.14E-11	0.524224	0.297	0.296	2.79E-07	MG-Inflam	Tmem208
Plgrkt	1.41E-11	0.350215	0.344	0.341	3.46E-07	MG-Inflam	Plgrkt
Wls1	1.49E-11	0.336294	0.326	0.319	3.65E-07	MG-Inflam	Wls
Cklf	1.93E-11	0.550878	0.26	0.25	4.72E-07	MG-Inflam	Cklf
Prcp1	2.32E-11	0.384887	0.365	0.37	5.67E-07	MG-Inflam	Prcp
Ube2j11	2.72E-11	0.421497	0.308	0.3	6.65E-07	MG-Inflam	Ube2j1
Tspan31	3.34E-11	0.538672	0.294	0.293	8.18E-07	MG-Inflam	Tspan31
Ccdc12	3.36E-11	0.273505	0.446	0.457	8.22E-07	MG-Inflam	Ccdc12
Cr1l1	9.54E-11	0.493023	0.255	0.245	2.34E-06	MG-Inflam	Cr1l
Ppp1r14b	1.11E-10	0.330257	0.373	0.375	2.73E-06	MG-Inflam	Ppp1r14b
Rnf7	1.56E-10	0.359174	0.369	0.379	3.81E-06	MG-Inflam	Rnf7
Sdf2l1	1.90E-10	0.253135	0.407	0.402	4.64E-06	MG-Inflam	Sdf2l1
Lyl1	4.90E-10	0.441488	0.252	0.24	1.20E-05	MG-Inflam	Lyl1
Rer1	4.94E-10	0.342592	0.402	0.419	1.21E-05	MG-Inflam	Rer1
Dnajc3	5.05E-10	0.313368	0.383	0.39	1.24E-05	MG-Inflam	Dnajc3
Tmem243	7.93E-10	0.315488	0.377	0.384	1.94E-05	MG-Inflam	Tmem243
Zmynd111	1.54E-09	0.274058	0.295	0.284	3.78E-05	MG-Inflam	Zmynd11
Tifab	1.85E-09	0.410206	0.31	0.307	4.54E-05	MG-Inflam	Tifab
Tlr13	2.21E-09	0.459351	0.25	0.239	5.40E-05	MG-Inflam	Tlr13
Naxe	2.31E-09	0.483977	0.294	0.296	5.66E-05	MG-Inflam	Naxe
Sec14l1	2.68E-09	0.31957	0.313	0.306	6.56E-05	MG-Inflam	Sec14l1
1810026BC	3.38E-09	0.378164	0.278	0.268	8.29E-05	MG-Inflam	1810026B05Rik
Pdlim4	4.14E-09	0.449126	0.27	0.264	0.000101	MG-Inflam	Pdlim4
Higd2a	4.99E-09	0.301638	0.406	0.419	0.000122	MG-Inflam	Higd2a
Arl6ip5	5.59E-09	0.353178	0.371	0.384	0.000137	MG-Inflam	Arl6ip5
Kpnb1	6.40E-09	0.465173	0.257	0.251	0.000157	MG-Inflam	Kpnb1
Dram2	1.05E-08	0.326633	0.365	0.375	0.000256	MG-Inflam	Dram2
Casp8	1.19E-08	0.287216	0.338	0.338	0.00029	MG-Inflam	Casp8
Vgll41	2.41E-08	0.273575	0.295	0.286	0.00059	MG-Inflam	Vgll4
Hmox2	3.57E-08	0.289419	0.407	0.426	0.000875	MG-Inflam	Hmox2
Alg5	4.90E-08	0.527661	0.256	0.254	0.0012	MG-Inflam	Alg5
Itfg11	4.92E-08	0.393928	0.265	0.259	0.001204	MG-Inflam	Itfg1
Pura	5.19E-08	0.341912	0.333	0.338	0.00127	MG-Inflam	Pura

A630001G2	8.33E-08	0.251987	0.275	0.264	0.002039	MG-Inflam	A630001G21Rik
Atxn7l3b	1.75E-07	0.443099	0.302	0.307	0.00428	MG-Inflam	Atxn7l3b
Tmbim4	2.11E-07	0.279455	0.42	0.442	0.005171	MG-Inflam	Tmbim4
Cryba4	2.25E-07	0.362473	0.281	0.272	0.005509	MG-Inflam	Cryba4
Sec11a	2.95E-07	0.4468	0.295	0.303	0.007225	MG-Inflam	Sec11a
Rhoq1	6.50E-07	0.281403	0.262	0.254	0.015912	MG-Inflam	Rhoq
Senp21	9.68E-07	0.257979	0.333	0.335	0.023699	MG-Inflam	Senp2
Fuca1	1.07E-06	0.255015	0.42	0.437	0.026086	MG-Inflam	Fuca1
Yif1b	1.36E-06	0.491838	0.271	0.277	0.0332	MG-Inflam	Yif1b
Rbm51	1.78E-06	0.276515	0.313	0.314	0.043564	MG-Inflam	Rbm5
Hvcn1	1.93E-06	0.374234	0.305	0.31	0.047246	MG-Inflam	Hvcn1
Dnase2a	2.49E-06	0.314118	0.377	0.392	0.060908	MG-Inflam	Dnase2a
Wdr331	4.03E-06	0.255307	0.318	0.32	0.098582	MG-Inflam	Wdr33
Dcakd	5.28E-06	0.311298	0.258	0.253	0.129241	MG-Inflam	Dcakd
Cirbp	6.56E-06	0.34519	0.29	0.291	0.160538	MG-Inflam	Cirbp
Ythdf21	2.28E-05	0.417729	0.25	0.251	0.557452	MG-Inflam	Ythdf2
Tmem9b	2.37E-05	0.424078	0.285	0.295	0.580985	MG-Inflam	Tmem9b
Tgs11	3.70E-05	0.393862	0.279	0.284	0.906287	MG-Inflam	Tgs1
Naga	6.00E-05	0.354253	0.31	0.321	1	MG-Inflam	Naga
Kdelr1	6.12E-05	0.366926	0.329	0.349	1	MG-Inflam	Kdelr1
Maf1	8.54E-05	0.425573	0.254	0.259	1	MG-Inflam	Maf1
Csk	0.000127	0.278498	0.344	0.363	1	MG-Inflam	Csk
0610010K1	0.000199	0.474159	0.255	0.262	1	MG-Inflam	0610010K14Rik
Ciao2b	0.000209	0.257564	0.208	0.253	1	MG-Inflam	Ciao2b
Sec13	0.000231	0.419935	0.276	0.289	1	MG-Inflam	Sec13
Creb3	0.000242	0.480487	0.248	0.256	1	MG-Inflam	Creb3
Map2k11	0.000297	0.259152	0.281	0.287	1	MG-Inflam	Map2k1
Reep3	0.000349	0.273878	0.363	0.385	1	MG-Inflam	Reep3
Rsrc21	0.000532	0.298742	0.283	0.289	1	MG-Inflam	Rsrc2
Mydgf	0.000537	0.435985	0.26	0.271	1	MG-Inflam	Mydgf
Ssbp4	0.00058	0.300527	0.311	0.326	1	MG-Inflam	Ssbp4
Ltbr	0.000619	0.471031	0.243	0.252	1	MG-Inflam	Ltbr
Scaf111	0.000713	0.267457	0.335	0.351	1	MG-Inflam	Scaf11
Pabpn1	0.000797	0.284314	0.335	0.356	1	MG-Inflam	Pabpn1
Evi2a	0.000906	0.356431	0.285	0.297	1	MG-Inflam	Evi2a
Fbxw4	0.001085	0.256381	0.308	0.32	1	MG-Inflam	Fbxw4
Pnn1	0.001354	0.354297	0.262	0.27	1	MG-Inflam	Pnn
Mfsd5	0.001532	0.476005	0.247	0.258	1	MG-Inflam	Mfsd5
Tubb2a	0.002031	0.286518	0.255	0.259	1	MG-Inflam	Tubb2a
Hp1bp3	0.002139	0.308622	0.265	0.272	1	MG-Inflam	Hp1bp3
Gps2	0.003154	0.446822	0.268	0.283	1	MG-Inflam	Gps2
Tex261	0.004071	0.4504	0.244	0.255	1	MG-Inflam	Tex261
BC031181	0.00497	0.309978	0.324	0.35	1	MG-Inflam	BC031181
Slc25a11	0.008104	0.398962	0.273	0.292	1	MG-Inflam	Slc25a11

Lrpap1	0.00865	0.301021	0.327	0.349	1 MG-Inflam	Lrpap1
Cst7	0	2.980614	0.705	0.109	0 TAMs-LA	Cst7
Pld3	0	1.641991	0.852	0.361	0 TAMs-LA	Pld3
Hebp1	0	1.439158	0.676	0.191	0 TAMs-LA	Hebp1
Axl	0	1.222308	0.685	0.201	0 TAMs-LA	Axl
Cstb	0	1.544818	0.796	0.319	0 TAMs-LA	Cstb
Mif	0	1.449146	0.833	0.372	0 TAMs-LA	Mif
Lgals3bp	0	1.677021	0.926	0.473	0 TAMs-LA	Lgals3bp
Itgax	0	2.278414	0.556	0.109	0 TAMs-LA	Itgax
Bcl2a1b	0	0.90173	0.818	0.38	0 TAMs-LA	Bcl2a1b
Lap3	0	0.944436	0.736	0.302	0 TAMs-LA	Lap3
Cxcl16	0	1.047846	0.665	0.244	0 TAMs-LA	Cxcl16
Hspe1	0	0.845541	0.79	0.37	0 TAMs-LA	Hspe1
Glmpl	0	0.806944	0.823	0.413	0 TAMs-LA	Glmpl
Cd83	0	0.832634	0.834	0.426	0 TAMs-LA	Cd83
Cd63	0	1.685393	0.975	0.568	0 TAMs-LA	Cd63
Slc11a1	0	0.792856	0.845	0.442	0 TAMs-LA	Slc11a1
Syng11	0	0.952936	0.823	0.423	0 TAMs-LA	Syng11
Prdx1	0	1.495672	0.892	0.494	0 TAMs-LA	Prdx1
Tspo	0	0.485192	0.794	0.396	0 TAMs-LA	Tspo
Dnase2a1	0	0.668956	0.731	0.333	0 TAMs-LA	Dnase2a1
Akr1a1	0	1.024813	0.913	0.516	0 TAMs-LA	Akr1a1
Npm1	0	0.796815	0.887	0.494	0 TAMs-LA	Npm1
Ly9	0	1.318585	0.536	0.148	0 TAMs-LA	Ly9
Gpi1	0	0.60112	0.789	0.402	0 TAMs-LA	Gpi1
Uba52	0	0.734234	0.794	0.408	0 TAMs-LA	Uba52
Rpl22l1	0	0.753829	0.832	0.446	0 TAMs-LA	Rpl22l1
Pkm	0	0.961689	0.84	0.454	0 TAMs-LA	Pkm
Cox5a	0	0.587727	0.796	0.411	0 TAMs-LA	Cox5a
Rtcb	0	0.812323	0.642	0.257	0 TAMs-LA	Rtcb
Fcgr4	0	1.155902	0.574	0.19	0 TAMs-LA	Fcgr4
Psmb6	0	0.77196	0.711	0.327	0 TAMs-LA	Psmb6
Tubb5	0	0.66016	0.801	0.418	0 TAMs-LA	Tubb5
Vkorc11	0	0.482831	0.753	0.371	0 TAMs-LA	Vkorc11
Naglu1	0	0.727124	0.63	0.248	0 TAMs-LA	Naglu1
Renbp	0	0.877387	0.603	0.221	0 TAMs-LA	Renbp
Bst2	0	0.670148	0.921	0.54	0 TAMs-LA	Bst2
Tpi1	0	0.995288	0.646	0.266	0 TAMs-LA	Tpi1
Eif3k	0	0.470152	0.815	0.435	0 TAMs-LA	Eif3k
Eef1g	0	0.62107	0.712	0.332	0 TAMs-LA	Eef1g
Ifi27l2a	0	0.339848	0.713	0.334	0 TAMs-LA	Ifi27l2a
Ccl3	0	1.959277	0.518	0.14	0 TAMs-LA	Ccl3
Nme2	0	0.799946	0.928	0.55	0 TAMs-LA	Nme2
Atp5mpl	0	0.631663	0.746	0.368	0 TAMs-LA	Atp5mpl

Gde1	0	0.976406	0.57	0.193	0 TAMs-LA	Gde1
Ccl4	0	2.11189	0.515	0.139	0 TAMs-LA	Ccl4
Creg1	0	1.091011	0.923	0.548	0 TAMs-LA	Creg1
Lpl	0	2.700108	0.46	0.085	0 TAMs-LA	Lpl
Rpl31	0	0.62533	0.852	0.478	0 TAMs-LA	Rpl31
Gm2a	0	0.513274	0.763	0.389	0 TAMs-LA	Gm2a
Nsa2	0	0.525959	0.772	0.399	0 TAMs-LA	Nsa2
Rtraf	0	0.540918	0.742	0.369	0 TAMs-LA	Rtraf
Sqstm1	0	0.929716	0.837	0.464	0 TAMs-LA	Sqstm1
Gatm	0	0.728844	0.716	0.344	0 TAMs-LA	Gatm
Aldoa	0	1.083645	0.917	0.545	0 TAMs-LA	Aldoa
Selenow	0	0.485116	0.782	0.411	0 TAMs-LA	Selenow
C3ar1	0	0.662764	0.747	0.376	0 TAMs-LA	C3ar1
Aprt	0	0.862777	0.595	0.224	0 TAMs-LA	Aprt
Hint1	0	0.616434	0.848	0.477	0 TAMs-LA	Hint1
Tpp11	0	0.574528	0.792	0.422	0 TAMs-LA	Tpp1
Il1a	0	1.037138	0.595	0.225	0 TAMs-LA	Il1a
Atp6v1f	0	0.651717	0.879	0.509	0 TAMs-LA	Atp6v1f
Ptms	0	0.621029	0.843	0.473	0 TAMs-LA	Ptms
C1qbp	0	0.816408	0.595	0.225	0 TAMs-LA	C1qbp
Timp2	0	1.198298	0.922	0.552	0 TAMs-LA	Timp2
Sdf4	0	0.596665	0.833	0.463	0 TAMs-LA	Sdf4
Gaa	0	0.952435	0.563	0.193	0 TAMs-LA	Gaa
Mfsd1	0	0.647185	0.661	0.292	0 TAMs-LA	Mfsd1
Vegfb	0	0.787451	0.585	0.216	0 TAMs-LA	Vegfb
Edf1	0	0.500542	0.781	0.413	0 TAMs-LA	Edf1
Eef1d	0	0.501343	0.811	0.445	0 TAMs-LA	Eef1d
Tmem86a1	0	0.563007	0.788	0.423	0 TAMs-LA	Tmem86a
Tomm20	0	0.538404	0.719	0.354	0 TAMs-LA	Tomm20
Psme2	0	0.423062	0.836	0.471	0 TAMs-LA	Psme2
Lrpap11	0	0.666793	0.658	0.294	0 TAMs-LA	Lrpap1
Pgam1	0	0.831391	0.664	0.3	0 TAMs-LA	Pgam1
Atp5d	0	0.465746	0.842	0.48	0 TAMs-LA	Atp5d
Ninj1	0	0.801239	0.643	0.281	0 TAMs-LA	Ninj1
Sdhb	0	0.531832	0.711	0.35	0 TAMs-LA	Sdhb
Ubxn1	0	0.492327	0.7	0.339	0 TAMs-LA	Ubxn1
Scpep1	0	0.587356	0.687	0.327	0 TAMs-LA	Scpep1
Ftl1-ps1	0	1.569214	0.532	0.172	0 TAMs-LA	Ftl1-ps1
Rac2	0	0.252159	0.769	0.409	0 TAMs-LA	Rac2
Rps17	0	0.571081	0.876	0.516	0 TAMs-LA	Rps17
Rpl23a	0	0.465563	0.817	0.457	0 TAMs-LA	Rpl23a
Ldha	0	0.678025	0.755	0.396	0 TAMs-LA	Ldha
Gltp	0	0.596017	0.69	0.331	0 TAMs-LA	Gltp
Gusb1	0	0.627193	0.808	0.45	0 TAMs-LA	Gusb

Ndufa1	0	0.688897	0.641	0.283	0 TAMs-LA	Ndufa1
Csf1	0	1.837852	0.453	0.096	0 TAMs-LA	Csf1
Atp6v1g1	0	0.682382	0.881	0.524	0 TAMs-LA	Atp6v1g1
Bax	0	0.640193	0.672	0.316	0 TAMs-LA	Bax
Eif5a	0	0.490995	0.8	0.444	0 TAMs-LA	Eif5a
Lag31	0	0.822569	0.849	0.493	0 TAMs-LA	Lag3
Cotl1	0	0.526225	0.822	0.466	0 TAMs-LA	Cotl1
Sec61b	0	0.375938	0.771	0.416	0 TAMs-LA	Sec61b
C4b	0	0.982603	0.538	0.183	0 TAMs-LA	C4b
Dpp7	0	1.39154	0.476	0.121	0 TAMs-LA	Dpp7
Sdf2l11	0	0.661046	0.707	0.352	0 TAMs-LA	Sdf2l1
Taf10	0	0.438357	0.673	0.319	0 TAMs-LA	Taf10
Atp5g1	0	0.430014	0.774	0.42	0 TAMs-LA	Atp5g1
Eif3i	0	0.579007	0.632	0.278	0 TAMs-LA	Eif3i
Cox6b1	0	0.501231	0.864	0.51	0 TAMs-LA	Cox6b1
Ndufb5	0	0.439608	0.679	0.326	0 TAMs-LA	Ndufb5
Atp6v0e	0	0.511084	0.869	0.516	0 TAMs-LA	Atp6v0e
Cops9	0	0.526584	0.671	0.319	0 TAMs-LA	Cops9
Akr1b3	0	0.662556	0.621	0.269	0 TAMs-LA	Akr1b3
Atp5b	0	0.474494	0.84	0.488	0 TAMs-LA	Atp5b
Dtnbp11	0	0.666178	0.593	0.241	0 TAMs-LA	Dtnbp1
Tkt	0	0.416263	0.73	0.378	0 TAMs-LA	Tkt
Il2rg	0	1.129055	0.525	0.174	0 TAMs-LA	Il2rg
P2rx4	0	0.571272	0.622	0.271	0 TAMs-LA	P2rx4
Lipa	0	1.033553	0.602	0.251	0 TAMs-LA	Lipa
Tmed31	0	0.496083	0.692	0.341	0 TAMs-LA	Tmed3
Sec61g	0	0.427655	0.738	0.388	0 TAMs-LA	Sec61g
Psme1	0	0.623142	0.908	0.558	0 TAMs-LA	Psme1
Mlf2	0	0.47816	0.689	0.339	0 TAMs-LA	Mlf2
Echs1	0	0.862888	0.536	0.187	0 TAMs-LA	Echs1
H2-T22	0	0.557057	0.648	0.299	0 TAMs-LA	H2-T22
Pomp	0	0.476657	0.852	0.503	0 TAMs-LA	Pomp
Uqcr11	0	0.394561	0.733	0.384	0 TAMs-LA	Uqcr11
Abcg11	0	0.834024	0.576	0.227	0 TAMs-LA	Abcg1
Micos13	0	0.565436	0.62	0.271	0 TAMs-LA	Micos13
Ap2m1	0	0.523081	0.723	0.375	0 TAMs-LA	Ap2m1
Mt1	0	0.637787	0.806	0.459	0 TAMs-LA	Mt1
Cox5b	0	0.434198	0.846	0.499	0 TAMs-LA	Cox5b
Bag1	0	0.636607	0.609	0.262	0 TAMs-LA	Bag1
Ifi30	0	0.48227	0.896	0.549	0 TAMs-LA	Ifi30
Ndufa2	0	0.381172	0.737	0.39	0 TAMs-LA	Ndufa2
Slc25a3	0	0.620114	0.911	0.565	0 TAMs-LA	Slc25a3
Atp13a2	0	0.669404	0.575	0.229	0 TAMs-LA	Atp13a2
Os91	0	0.374666	0.728	0.382	0 TAMs-LA	Os9

Uqcrq	0	0.409356	0.738	0.392	0 TAMs-LA	Uqcrq
H2-Q7	0	0.629027	0.782	0.437	0 TAMs-LA	H2-Q7
Ppp1r14b1	0	0.510408	0.671	0.326	0 TAMs-LA	Ppp1r14b
Polr1d	0	0.412219	0.722	0.377	0 TAMs-LA	Polr1d
Atox1	0	0.363248	0.892	0.547	0 TAMs-LA	Atox1
Vdac2	0	0.47519	0.837	0.492	0 TAMs-LA	Vdac2
Slc25a5	0	0.683616	0.892	0.547	0 TAMs-LA	Slc25a5
Eif4a1	0	0.666712	0.873	0.529	0 TAMs-LA	Eif4a1
Ndufv3	0	0.467533	0.671	0.328	0 TAMs-LA	Ndufv3
Pycard1	0	0.624983	0.867	0.524	0 TAMs-LA	Pycard
Pgls	0	0.425943	0.673	0.331	0 TAMs-LA	Pgls
Hvcn11	0	0.478066	0.603	0.261	0 TAMs-LA	Hvcn1
Cndp2	0	0.633228	0.619	0.277	0 TAMs-LA	Cndp2
Med28	0	0.468354	0.654	0.313	0 TAMs-LA	Med28
Al413582	0	0.524108	0.624	0.283	0 TAMs-LA	Al413582
Tbca	0	0.393618	0.722	0.381	0 TAMs-LA	Tbca
Anxa5	0	0.674132	0.599	0.259	0 TAMs-LA	Anxa5
Uqcrh	0	0.553485	0.893	0.553	0 TAMs-LA	Uqcrh
Eif3f	0	0.53253	0.884	0.544	0 TAMs-LA	Eif3f
Rpl4	0	0.569252	0.893	0.553	0 TAMs-LA	Rpl4
Rps15	0	0.46126	0.863	0.523	0 TAMs-LA	Rps15
CAAA01147	0	0.471067	0.697	0.357	0 TAMs-LA	CAAA01147332.1
Rnh1	0	0.53672	0.643	0.304	0 TAMs-LA	Rnh1
Lyz2	0	0.267646	0.972	0.633	0 TAMs-LA	Lyz2
Pgk1	0	0.893169	0.551	0.213	0 TAMs-LA	Pgk1
Wdr83os	0	0.378172	0.681	0.343	0 TAMs-LA	Wdr83os
Gm11808	0	0.633273	0.598	0.26	0 TAMs-LA	Gm11808
0610012Gc	0	0.636118	0.589	0.251	0 TAMs-LA	0610012G03Rik
Csf2ra	0	0.443463	0.711	0.373	0 TAMs-LA	Csf2ra
Gba	0	0.816081	0.528	0.191	0 TAMs-LA	Gba
Pebp1	0	0.444682	0.653	0.316	0 TAMs-LA	Pebp1
Sdcbp	0	0.472181	0.823	0.486	0 TAMs-LA	Sdcbp
Hmox1	0	2.682096	0.499	0.162	0 TAMs-LA	Hmox1
Btf3	0	0.486088	0.904	0.568	0 TAMs-LA	Btf3
Rps27l	0	0.327447	0.65	0.314	0 TAMs-LA	Rps27l
Fabp5	0	2.811812	0.431	0.095	0 TAMs-LA	Fabp5
Man2b21	0	0.470509	0.59	0.255	0 TAMs-LA	Man2b2
Psmb8	0	0.446001	0.891	0.556	0 TAMs-LA	Psmb8
Pabpc1	0	0.67437	0.912	0.578	0 TAMs-LA	Pabpc1
Csnk2b	0	0.426307	0.626	0.292	0 TAMs-LA	Csnk2b
Ssr4	0	0.766156	0.933	0.6	0 TAMs-LA	Ssr4
Plaur	0	1.020985	0.463	0.13	0 TAMs-LA	Plaur
Psmb10	0	0.399083	0.671	0.338	0 TAMs-LA	Psmb10
Uqcr10	0	0.396049	0.672	0.339	0 TAMs-LA	Uqcr10

2410006H1	0	0.44087	0.776	0.443	0 TAMs-LA	2410006H16Rik
Tlr2	0	0.896051	0.564	0.231	0 TAMs-LA	Tlr2
Atp6v1c1	0	0.552102	0.601	0.268	0 TAMs-LA	Atp6v1c1
Bri3	0	0.68686	0.906	0.574	0 TAMs-LA	Bri3
Cebpa	0	0.528164	0.63	0.298	0 TAMs-LA	Cebpa
Ndufs3	0	0.461132	0.607	0.275	0 TAMs-LA	Ndufs3
Hnrnpa1	0	0.373018	0.672	0.341	0 TAMs-LA	Hnrnpa1
Atp5o	0	0.309394	0.666	0.335	0 TAMs-LA	Atp5o
Sirt2	0	0.445517	0.601	0.27	0 TAMs-LA	Sirt2
Tmem256	0	0.571677	0.606	0.275	0 TAMs-LA	Tmem256
Cryba41	0	0.729284	0.557	0.227	0 TAMs-LA	Cryba4
Ncl	0	0.457851	0.643	0.313	0 TAMs-LA	Ncl
Srp14	0	0.393942	0.653	0.323	0 TAMs-LA	Srp14
Nucb11	0	0.366974	0.666	0.336	0 TAMs-LA	Nucb1
Mrpl23	0	0.401619	0.629	0.299	0 TAMs-LA	Mrpl23
Ndufb8	0	0.358739	0.68	0.351	0 TAMs-LA	Ndufb8
Mdh2	0	0.350277	0.64	0.311	0 TAMs-LA	Mdh2
Esd	0	0.794335	0.611	0.282	0 TAMs-LA	Esd
Phb2	0	0.489002	0.589	0.26	0 TAMs-LA	Phb2
Atxn10	0	0.322197	0.642	0.314	0 TAMs-LA	Atxn10
Blvrb	0	0.668989	0.596	0.268	0 TAMs-LA	Blvrb
Slc25a39	0	0.453032	0.584	0.256	0 TAMs-LA	Slc25a39
Cebpzoz1	0	0.383447	0.607	0.279	0 TAMs-LA	Cebpzoz
Ggh	0	0.577887	0.559	0.232	0 TAMs-LA	Ggh
Plbd2	0	0.606092	0.552	0.225	0 TAMs-LA	Plbd2
Rps25	0	0.585408	0.921	0.594	0 TAMs-LA	Rps25
Swi5	0	0.363837	0.663	0.336	0 TAMs-LA	Swi5
Capns1	0	0.477637	0.634	0.307	0 TAMs-LA	Capns1
Gpr137b	0	0.888452	0.513	0.186	0 TAMs-LA	Gpr137b
Colgalt1	0	0.45106	0.613	0.287	0 TAMs-LA	Colgalt1
Eif3a	0	0.429986	0.625	0.299	0 TAMs-LA	Eif3a
Vps29	0	0.527485	0.599	0.273	0 TAMs-LA	Vps29
Cct2	0	0.455824	0.581	0.255	0 TAMs-LA	Cct2
Rack1	0	0.618804	0.939	0.614	0 TAMs-LA	Rack1
1110038B1	0	0.961033	0.478	0.153	0 TAMs-LA	1110038B12Rik
Rpl5	0	0.454651	0.896	0.572	0 TAMs-LA	Rpl5
Pold4	0	0.45892	0.653	0.329	0 TAMs-LA	Pold4
Cox7b	0	0.376262	0.648	0.324	0 TAMs-LA	Cox7b
Tmem160	0	0.499012	0.574	0.25	0 TAMs-LA	Tmem160
Hmgn1	0	0.352409	0.607	0.284	0 TAMs-LA	Hmgn1
Grcc10	0	0.447557	0.865	0.542	0 TAMs-LA	Grcc10
Tent5c	0	0.610727	0.498	0.176	0 TAMs-LA	Tent5c
Bola2	0	0.795433	0.507	0.185	0 TAMs-LA	Bola2
Timm13	0	0.423468	0.616	0.294	0 TAMs-LA	Timm13

Ak2	0	0.551252	0.551	0.23	0 TAMs-LA	Ak2
Hif1a	0	0.700989	0.546	0.225	0 TAMs-LA	Hif1a
Ran	0	0.477232	0.634	0.313	0 TAMs-LA	Ran
Gpr84	0	0.946983	0.498	0.178	0 TAMs-LA	Gpr84
Igfbp1	0	0.710953	0.502	0.182	0 TAMs-LA	Igfbp1
Rpl36al	0	0.454014	0.924	0.605	0 TAMs-LA	Rpl36al
Psma5	0	0.516289	0.585	0.266	0 TAMs-LA	Psma5
Atp6v1b2	0	0.457617	0.613	0.295	0 TAMs-LA	Atp6v1b2
Cd52	0	0.681461	0.949	0.631	0 TAMs-LA	Cd52
Apoc1	0	3.082775	0.367	0.05	0 TAMs-LA	Apoc1
Txndc17	0	0.280497	0.585	0.268	0 TAMs-LA	Txndc17
Nme1	0	0.724088	0.536	0.22	0 TAMs-LA	Nme1
H2-Oa	0	0.714681	0.601	0.285	0 TAMs-LA	H2-Oa
C3	0	1.541962	0.419	0.103	0 TAMs-LA	C3
Atp6v1a	0	0.575051	0.541	0.226	0 TAMs-LA	Atp6v1a
Pea15a	0	0.345291	0.601	0.286	0 TAMs-LA	Pea15a
Napa	0	0.443602	0.572	0.257	0 TAMs-LA	Napa
Cuedc2	0	0.407313	0.572	0.257	0 TAMs-LA	Cuedc2
Dgkz1	0	0.363374	0.564	0.25	0 TAMs-LA	Dgkz
Sys1	0	0.408733	0.574	0.26	0 TAMs-LA	Sys1
Lat2	0	0.452448	0.586	0.272	0 TAMs-LA	Lat2
Gabarap	0	0.763808	0.947	0.633	0 TAMs-LA	Gabarap
Gng121	0	0.325568	0.569	0.257	0 TAMs-LA	Gng12
Hspd1	0	0.742762	0.498	0.187	0 TAMs-LA	Hspd1
Tbc1d10a	0	0.768533	0.473	0.162	0 TAMs-LA	Tbc1d10a
Trappc2l	0	0.460536	0.557	0.247	0 TAMs-LA	Trappc2l
Rpl36a	0	0.67348	0.92	0.61	0 TAMs-LA	Rpl36a
Ndufs5	0	0.346518	0.602	0.292	0 TAMs-LA	Ndufs5
Mrpl17	0	0.528544	0.533	0.224	0 TAMs-LA	Mrpl17
Ndufab1	0	0.344007	0.602	0.293	0 TAMs-LA	Ndufab1
Cpq	0	0.359992	0.591	0.282	0 TAMs-LA	Cpq
Gapdh	0	0.761782	0.895	0.587	0 TAMs-LA	Gapdh
Ndufa8	0	0.311447	0.591	0.283	0 TAMs-LA	Ndufa8
Svbp	0	0.500553	0.524	0.217	0 TAMs-LA	Svbp
Spint11	0	0.404349	0.592	0.286	0 TAMs-LA	Spint1
Cdc37	0	0.336733	0.59	0.284	0 TAMs-LA	Cdc37
Glb1	0	0.619173	0.495	0.189	0 TAMs-LA	Glb1
Psm8	0	0.5102	0.583	0.277	0 TAMs-LA	Psm8
Uqcfrfs1	0	0.286778	0.584	0.278	0 TAMs-LA	Uqcfrfs1
Ndufc1	0	0.459899	0.547	0.243	0 TAMs-LA	Ndufc1
Uqcc2	0	0.430622	0.549	0.245	0 TAMs-LA	Uqcc2
Uap111	0	1.109351	0.436	0.132	0 TAMs-LA	Uap111
Aph1a	0	0.384171	0.559	0.256	0 TAMs-LA	Aph1a
Scn1b	0	0.49963	0.486	0.184	0 TAMs-LA	Scn1b

Arl8a	0	0.449362	0.576	0.274	0 TAMs-LA	Arl8a
Cdk4	0	0.513687	0.513	0.212	0 TAMs-LA	Cdk4
Cnpy21	0	0.260999	0.57	0.269	0 TAMs-LA	Cnpy2
Soat1	0	0.471864	0.547	0.247	0 TAMs-LA	Soat1
Ube2v1	0	0.412568	0.545	0.245	0 TAMs-LA	Ube2v1
Il18bp	0	1.602305	0.409	0.109	0 TAMs-LA	Il18bp
Ube2l3	0	0.347587	0.565	0.265	0 TAMs-LA	Ube2l3
Tor3a	0	0.330924	0.55	0.251	0 TAMs-LA	Tor3a
Cct5	0	0.455507	0.529	0.23	0 TAMs-LA	Cct5
Eef1b2	0	0.600329	0.937	0.639	0 TAMs-LA	Eef1b2
Nudt9	0	0.394744	0.522	0.224	0 TAMs-LA	Nudt9
Eif3e	0	0.352079	0.564	0.266	0 TAMs-LA	Eif3e
Plin2	0	1.023387	0.481	0.184	0 TAMs-LA	Plin2
Atp6v1d	0	0.399319	0.538	0.242	0 TAMs-LA	Atp6v1d
Atf3	0	0.283515	0.566	0.271	0 TAMs-LA	Atf3
Atp5g2	0	0.684943	0.943	0.648	0 TAMs-LA	Atp5g2
Romo1	0	0.422474	0.525	0.231	0 TAMs-LA	Romo1
Psmb4	0	0.420713	0.537	0.243	0 TAMs-LA	Psmb4
Tmem9b1	0	0.296615	0.546	0.252	0 TAMs-LA	Tmem9b
Igsf8	0	0.607034	0.484	0.19	0 TAMs-LA	Igsf8
Sin3b	0	0.399033	0.526	0.233	0 TAMs-LA	Sin3b
Cenpx	0	0.36534	0.534	0.241	0 TAMs-LA	Cenpx
Tmem106a	0	0.662816	0.483	0.19	0 TAMs-LA	Tmem106a
Necap2	0	0.381241	0.548	0.256	0 TAMs-LA	Necap2
Rpl12	0	0.698374	0.95	0.658	0 TAMs-LA	Rpl12
Rps6	0	0.541551	0.94	0.648	0 TAMs-LA	Rps6
Sdc3	0	0.478477	0.51	0.219	0 TAMs-LA	Sdc3
Plekhm2	0	0.3567	0.527	0.236	0 TAMs-LA	Plekhm2
Myo1e	0	0.758205	0.406	0.116	0 TAMs-LA	Myo1e
Fuca2	0	0.442698	0.503	0.213	0 TAMs-LA	Fuca2
Alas1	0	0.642649	0.474	0.184	0 TAMs-LA	Alas1
Psmc3	0	0.345864	0.544	0.255	0 TAMs-LA	Psmc3
Aplp2	0	0.508819	0.527	0.238	0 TAMs-LA	Aplp2
Ndufa12	0	0.425227	0.511	0.222	0 TAMs-LA	Ndufa12
Gsto1	0	1.277611	0.39	0.101	0 TAMs-LA	Gsto1
Nudc	0	0.296242	0.529	0.241	0 TAMs-LA	Nudc
Cd300lf	0	1.256474	0.394	0.106	0 TAMs-LA	Cd300lf
Rab20	0	0.703733	0.437	0.15	0 TAMs-LA	Rab20
Cyp4v3	0	0.390435	0.491	0.204	0 TAMs-LA	Cyp4v3
Id2	0	0.872612	0.437	0.15	0 TAMs-LA	Id2
Eif4b	0	0.342638	0.535	0.248	0 TAMs-LA	Eif4b
Snrpd2	0	0.35851	0.512	0.226	0 TAMs-LA	Snrpd2
Rrp1	0	0.391262	0.52	0.234	0 TAMs-LA	Rrp1
Hscb	0	0.87749	0.415	0.129	0 TAMs-LA	Hscb

Sdhd	0	0.375038	0.522	0.238	0 TAMs-LA	Sdhd
Ccl5	0	0.900209	0.405	0.121	0 TAMs-LA	Ccl5
Cpd	0	0.824676	0.419	0.135	0 TAMs-LA	Cpd
Slc15a31	0	0.603631	0.484	0.2	0 TAMs-LA	Slc15a3
Rasgef1b	0	0.480645	0.458	0.176	0 TAMs-LA	Rasgef1b
Tspan41	0	0.290969	0.493	0.211	0 TAMs-LA	Tspan4
Acaa1a	0	0.347041	0.51	0.228	0 TAMs-LA	Acaa1a
Mydgf1	0	0.333962	0.512	0.23	0 TAMs-LA	Mydgf
Epb41l3	0	0.870806	0.38	0.098	0 TAMs-LA	Epb41l3
Naca	0	0.532901	0.948	0.666	0 TAMs-LA	Naca
Naa20	0	0.326113	0.518	0.237	0 TAMs-LA	Naa20
Gars	0	0.600333	0.457	0.176	0 TAMs-LA	Gars
Kxd1	0	0.456884	0.488	0.207	0 TAMs-LA	Kxd1
Hcar2	0	1.752366	0.344	0.063	0 TAMs-LA	Hcar2
Mrpl12	0	0.59694	0.447	0.167	0 TAMs-LA	Mrpl12
Ranbp1	0	0.434942	0.513	0.233	0 TAMs-LA	Ranbp1
Rpl14	0	0.684881	0.959	0.679	0 TAMs-LA	Rpl14
Vcam1	0	0.872985	0.384	0.105	0 TAMs-LA	Vcam1
Yif1b1	0	0.329131	0.516	0.237	0 TAMs-LA	Yif1b
Snrpf	0	0.311114	0.513	0.234	0 TAMs-LA	Snrpf
Amdhd2	0	0.85801	0.416	0.137	0 TAMs-LA	Amdhd2
Aif1	0	0.660082	0.945	0.666	0 TAMs-LA	Aif1
Aurkaip1	0	0.311355	0.503	0.225	0 TAMs-LA	Aurkaip1
Ctdnep1	0	0.538818	0.459	0.181	0 TAMs-LA	Ctdnep1
Tnfsf12	0	0.571002	0.475	0.197	0 TAMs-LA	Tnfsf12
Use1	0	0.376789	0.497	0.22	0 TAMs-LA	Use1
Cct8	0	0.43452	0.498	0.221	0 TAMs-LA	Cct8
Banf1	0	0.389737	0.509	0.232	0 TAMs-LA	Banf1
Hpse	0	1.841443	0.347	0.07	0 TAMs-LA	Hpse
Arpc1b	0	0.457467	0.943	0.666	0 TAMs-LA	Arpc1b
Commd4	0	0.362404	0.491	0.215	0 TAMs-LA	Commd4
Hcfc1r1	0	0.322139	0.505	0.229	0 TAMs-LA	Hcfc1r1
Prxl2b	0	0.704367	0.425	0.15	0 TAMs-LA	Prxl2b
Mbd3	0	0.33566	0.489	0.214	0 TAMs-LA	Mbd3
Zfas1	0	0.767214	0.428	0.154	0 TAMs-LA	Zfas1
Adh5	0	0.498771	0.459	0.185	0 TAMs-LA	Adh5
Fbl	0	0.361661	0.495	0.221	0 TAMs-LA	Fbl
Tcp1	0	0.435655	0.488	0.214	0 TAMs-LA	Tcp1
Elov1	0	0.434056	0.48	0.207	0 TAMs-LA	Elov1
Mrpl20	0	0.366036	0.496	0.223	0 TAMs-LA	Mrpl20
Ndufb2	0	0.354285	0.483	0.21	0 TAMs-LA	Ndufb2
Cops6	0	0.46205	0.471	0.198	0 TAMs-LA	Cops6
Spg21	0	0.452226	0.478	0.206	0 TAMs-LA	Spg21
Ccdc86	0	0.879588	0.404	0.132	0 TAMs-LA	Ccdc86

Nceh1	0	1.219739	0.363	0.092	0 TAMs-LA	Nceh1
Denr	0	0.400679	0.463	0.192	0 TAMs-LA	Denr
Fundc2	0	0.81096	0.395	0.125	0 TAMs-LA	Fundc2
Naa38	0	0.384762	0.475	0.206	0 TAMs-LA	Naa38
Dcxr	0	0.52405	0.444	0.175	0 TAMs-LA	Dcxr
Pa2g4	0	0.428559	0.471	0.202	0 TAMs-LA	Pa2g4
Aimp1	0	0.397285	0.467	0.199	0 TAMs-LA	Aimp1
Rpl38	0	0.473983	0.934	0.666	0 TAMs-LA	Rpl38
Ptpmt1	0	0.407782	0.45	0.184	0 TAMs-LA	Ptpmt1
Scamp3	0	0.321067	0.464	0.199	0 TAMs-LA	Scamp3
Ier3	0	1.37657	0.381	0.116	0 TAMs-LA	Ier3
Mpeg1	0	0.594917	0.932	0.667	0 TAMs-LA	Mpeg1
Ccrl2	0	1.15843	0.382	0.118	0 TAMs-LA	Ccrl2
Gnptg	0	0.433066	0.43	0.166	0 TAMs-LA	Gnptg
Npl	0	0.566321	0.422	0.16	0 TAMs-LA	Npl
Crlf2	0	0.572585	0.505	0.243	0 TAMs-LA	Crlf2
Abhd17a	0	0.372346	0.458	0.197	0 TAMs-LA	Abhd17a
Sat1	0	0.744881	0.955	0.695	0 TAMs-LA	Sat1
Gng5	0	0.488829	0.945	0.685	0 TAMs-LA	Gng5
Eef2	0	0.605584	0.947	0.687	0 TAMs-LA	Eef2
Rpl7	0	0.523682	0.96	0.701	0 TAMs-LA	Rpl7
Hsp90ab1	0	0.694218	0.965	0.706	0 TAMs-LA	Hsp90ab1
Zmat2	0	0.339159	0.453	0.194	0 TAMs-LA	Zmat2
Ndufa10	0	0.314832	0.45	0.193	0 TAMs-LA	Ndufa10
Cd91	0	1.051854	0.973	0.716	0 TAMs-LA	Cd9
Hspa8	0	0.646394	0.964	0.707	0 TAMs-LA	Hspa8
Akirin1	0	0.407657	0.446	0.19	0 TAMs-LA	Akirin1
Rragc	0	0.462084	0.442	0.186	0 TAMs-LA	Rragc
Nutf2	0	0.446664	0.434	0.178	0 TAMs-LA	Nutf2
Timm8b	0	0.322115	0.451	0.195	0 TAMs-LA	Timm8b
Lgals3	0	1.227208	0.411	0.157	0 TAMs-LA	Lgals3
Prdx3	0	0.514533	0.422	0.168	0 TAMs-LA	Prdx3
Cd72	0	1.248612	0.357	0.104	0 TAMs-LA	Cd72
Ucp2	0	0.503377	0.947	0.694	0 TAMs-LA	Ucp2
Oxa1l	0	0.282335	0.439	0.186	0 TAMs-LA	Oxa1l
Chst1	0	1.601594	0.303	0.051	0 TAMs-LA	Chst1
Cmc1	0	0.343961	0.436	0.184	0 TAMs-LA	Cmc1
Eif3l	0	0.404138	0.44	0.188	0 TAMs-LA	Eif3l
Neu1	0	0.40393	0.42	0.17	0 TAMs-LA	Neu1
Sars	0	0.375898	0.429	0.18	0 TAMs-LA	Sars
Ctsl1	0	0.716294	0.968	0.719	0 TAMs-LA	Ctsl
Plaat3	0	0.369746	0.424	0.175	0 TAMs-LA	Plaat3
Hexa1	0	0.593188	0.94	0.692	0 TAMs-LA	Hexa
Polr2g	0	0.387602	0.443	0.195	0 TAMs-LA	Polr2g

Slamf8	0	0.653053	0.411	0.163	0 TAMs-LA	Slamf8
Ly6a	0	0.327966	0.475	0.227	0 TAMs-LA	Ly6a
Xlr	0	0.446803	0.392	0.145	0 TAMs-LA	Xlr
Eprs	0	0.443019	0.423	0.176	0 TAMs-LA	Eprs
Rexo2	0	0.396646	0.441	0.194	0 TAMs-LA	Rexo2
Phb	0	0.313129	0.437	0.19	0 TAMs-LA	Phb
Ndufs6	0	0.400548	0.425	0.178	0 TAMs-LA	Ndufs6
Asna1	0	0.625894	0.382	0.137	0 TAMs-LA	Asna1
Ppp1r15a	0	0.556432	0.401	0.158	0 TAMs-LA	Ppp1r15a
Rpl22	0	0.545991	0.958	0.715	0 TAMs-LA	Rpl22
Rps18	0	0.648844	0.97	0.728	0 TAMs-LA	Rps18
Mpdu1	0	0.369841	0.412	0.17	0 TAMs-LA	Mpdu1
Gbp2	0	0.640501	0.412	0.171	0 TAMs-LA	Gbp2
Mrps36	0	0.528968	0.391	0.151	0 TAMs-LA	Mrps36
Slc31a1	0	0.335269	0.414	0.174	0 TAMs-LA	Slc31a1
Fblim1	0	0.934836	0.325	0.085	0 TAMs-LA	Fblim1
Atp6v0c	0	1.015848	0.984	0.744	0 TAMs-LA	Atp6v0c
Mpv17l2	0	0.48095	0.388	0.149	0 TAMs-LA	Mpv17l2
Gclm	0	1.041049	0.406	0.168	0 TAMs-LA	Gclm
Plk3	0	0.576002	0.373	0.135	0 TAMs-LA	Plk3
Mrpl54	0	0.450944	0.401	0.164	0 TAMs-LA	Mrpl54
Pfkl	0	0.520248	0.38	0.144	0 TAMs-LA	Pfkl
Mien1	0	0.356054	0.406	0.17	0 TAMs-LA	Mien1
Mmp14	0	0.444037	0.398	0.162	0 TAMs-LA	Mmp14
Ptrhd1	0	0.591588	0.37	0.134	0 TAMs-LA	Ptrhd1
Rgs1	0	0.567115	0.441	0.206	0 TAMs-LA	Rgs1
Eif3g	0	0.488492	0.388	0.153	0 TAMs-LA	Eif3g
Mea1	0	0.371574	0.403	0.168	0 TAMs-LA	Mea1
Trappc1	0	0.341148	0.409	0.174	0 TAMs-LA	Trappc1
Cfl1	0	0.58079	0.968	0.733	0 TAMs-LA	Cfl1
Nagk	0	0.429475	0.391	0.157	0 TAMs-LA	Nagk
Pkib	0	0.256875	0.405	0.171	0 TAMs-LA	Pkib
Glr5	0	0.363309	0.386	0.152	0 TAMs-LA	Glr5
Gfer	0	0.362757	0.401	0.167	0 TAMs-LA	Gfer
Rpl7a	0	0.698194	0.968	0.734	0 TAMs-LA	Rpl7a
Pes1	0	0.532519	0.372	0.138	0 TAMs-LA	Pes1
Cd681	0	0.684962	0.96	0.727	0 TAMs-LA	Cd68
Rps28	0	0.673835	0.959	0.726	0 TAMs-LA	Rps28
Tnfaip3	0	0.345921	0.406	0.174	0 TAMs-LA	Tnfaip3
Arl11	0	0.61208	0.364	0.132	0 TAMs-LA	Arl11
C2	0	1.769654	0.313	0.081	0 TAMs-LA	C2
Ddt	0	0.483451	0.37	0.139	0 TAMs-LA	Ddt
Impdh2	0	0.570887	0.371	0.141	0 TAMs-LA	Impdh2
Polr2f	0	0.34059	0.395	0.165	0 TAMs-LA	Polr2f

Selenoh	0	0.607666	0.356	0.127	0 TAMs-LA	Selenoh
1700003F1	0	1.462273	0.282	0.053	0 TAMs-LA	1700003F12Rik
Rapsn	0	0.669854	0.338	0.11	0 TAMs-LA	Rapsn
Ethe1	0	0.84997	0.334	0.106	0 TAMs-LA	Ethe1
Rab32	0	0.354039	0.393	0.165	0 TAMs-LA	Rab32
Nhp2	0	0.573057	0.37	0.142	0 TAMs-LA	Nhp2
Psm2	0	0.46601	0.396	0.168	0 TAMs-LA	Psm2
Apoe	0	1.785585	0.983	0.755	0 TAMs-LA	Apoe
Cfb	0	1.150292	0.302	0.074	0 TAMs-LA	Cfb
Oas1a	0	0.592359	0.355	0.128	0 TAMs-LA	Oas1a
Rpl27	0	0.509347	0.973	0.746	0 TAMs-LA	Rpl27
Cant1	0	0.312313	0.382	0.156	0 TAMs-LA	Cant1
Sod2	0	0.380236	0.386	0.16	0 TAMs-LA	Sod2
Rpl35	0	0.758545	0.969	0.745	0 TAMs-LA	Rpl35
Hint2	0	0.311916	0.376	0.153	0 TAMs-LA	Hint2
Phgdh	0	0.428971	0.381	0.159	0 TAMs-LA	Phgdh
Amz1	0	0.351678	0.374	0.152	0 TAMs-LA	Amz1
Acadl	0	0.37959	0.378	0.158	0 TAMs-LA	Acadl
Snhg12	0	0.48959	0.362	0.142	0 TAMs-LA	Snhg12
AB124611	0	0.561036	0.358	0.138	0 TAMs-LA	AB124611
Slirp	0	0.570156	0.354	0.134	0 TAMs-LA	Slirp
Cd22	0	1.440018	0.273	0.054	0 TAMs-LA	Cd22
Spns1	0	0.317457	0.367	0.148	0 TAMs-LA	Spns1
Atp1a3	0	0.815154	0.304	0.085	0 TAMs-LA	Atp1a3
Rpl15	0	0.665537	0.976	0.757	0 TAMs-LA	Rpl15
Cln5	0	0.510892	0.347	0.128	0 TAMs-LA	Cln5
Cd36	0	0.981351	0.308	0.09	0 TAMs-LA	Cd36
Mtln	0	0.443385	0.354	0.136	0 TAMs-LA	Mtln
Got1	0	0.667998	0.323	0.106	0 TAMs-LA	Got1
Commd9	0	0.71071	0.316	0.099	0 TAMs-LA	Commd9
Zbp1	0	0.254329	0.368	0.151	0 TAMs-LA	Zbp1
Npnt	0	0.254083	0.342	0.126	0 TAMs-LA	Npnt
Igf1	0	1.320382	0.306	0.09	0 TAMs-LA	Igf1
Creld2	0	0.502223	0.362	0.146	0 TAMs-LA	Creld2
Nrp2	0	0.362439	0.346	0.13	0 TAMs-LA	Nrp2
As3mt	0	0.440388	0.339	0.124	0 TAMs-LA	As3mt
Gyg	0	0.59832	0.339	0.125	0 TAMs-LA	Gyg
Qars	0	0.48276	0.345	0.131	0 TAMs-LA	Qars
Cox8a	0	0.457357	0.969	0.755	0 TAMs-LA	Cox8a
Psat1	0	1.462242	0.262	0.049	0 TAMs-LA	Psat1
Rpl3	0	0.744941	0.978	0.765	0 TAMs-LA	Rpl3
Trem2	0	0.508119	0.984	0.771	0 TAMs-LA	Trem2
Mcoln1	0	0.363046	0.342	0.13	0 TAMs-LA	Mcoln1
Acot13	0	0.326737	0.351	0.139	0 TAMs-LA	Acot13

Anxa4	0	0.701426	0.336	0.125	0 TAMs-LA	Anxa4
Arl5c	0	0.632039	0.322	0.111	0 TAMs-LA	Arl5c
Ctla2b	0	1.174288	0.281	0.07	0 TAMs-LA	Ctla2b
Cd274	0	0.784876	0.319	0.108	0 TAMs-LA	Cd274
Ctsa1	0	0.716785	0.968	0.757	0 TAMs-LA	Ctsa
Rpl13a	0	0.652355	0.976	0.765	0 TAMs-LA	Rpl13a
Gm1673	0	1.697763	0.252	0.042	0 TAMs-LA	Gm1673
Rpl8	0	0.45587	0.977	0.767	0 TAMs-LA	Rpl8
Slc2a1	0	0.396295	0.347	0.138	0 TAMs-LA	Slc2a1
Rps19	0	0.689774	0.981	0.772	0 TAMs-LA	Rps19
Rpl24	0	0.566976	0.971	0.762	0 TAMs-LA	Rpl24
Ipo5	0	0.405843	0.343	0.135	0 TAMs-LA	Ipo5
Slc48a1	0	1.073302	0.339	0.131	0 TAMs-LA	Slc48a1
Mrpl11	0	0.451668	0.339	0.131	0 TAMs-LA	Mrpl11
Guca1a	0	0.836547	0.298	0.09	0 TAMs-LA	Guca1a
Smim12	0	0.40658	0.347	0.139	0 TAMs-LA	Smim12
Capg	0	0.767674	0.322	0.115	0 TAMs-LA	Capg
Tlr12	0	0.503911	0.327	0.121	0 TAMs-LA	Tlr12
Clcn7	0	0.48771	0.331	0.125	0 TAMs-LA	Clcn7
Clta	0	0.657025	0.969	0.763	0 TAMs-LA	Clta
Srm	0	0.576768	0.33	0.125	0 TAMs-LA	Srm
Bhlhe41	0	0.46923	0.318	0.113	0 TAMs-LA	Bhlhe41
Tceal9	0	0.712224	0.301	0.096	0 TAMs-LA	Tceal9
Rpl29	0	0.616754	0.978	0.773	0 TAMs-LA	Rpl29
Rpl36	0	0.492961	0.971	0.766	0 TAMs-LA	Rpl36
Coa5	0	0.538406	0.325	0.121	0 TAMs-LA	Coa5
Gnptab	0	0.390731	0.318	0.114	0 TAMs-LA	Gnptab
Ccl2	0	0.993035	0.328	0.124	0 TAMs-LA	Ccl2
Gm10076	0	0.785898	0.306	0.102	0 TAMs-LA	Gm10076
Fdx2	0	0.472442	0.322	0.119	0 TAMs-LA	Fdx2
Rilpl2	0	1.001709	0.286	0.083	0 TAMs-LA	Rilpl2
Npc2	0	0.881857	0.987	0.784	0 TAMs-LA	Npc2
Rplp2	0	0.551919	0.976	0.774	0 TAMs-LA	Rplp2
Dapk3	0	0.361163	0.326	0.125	0 TAMs-LA	Dapk3
Srrd	0	0.595477	0.301	0.1	0 TAMs-LA	Srrd
Rps2	0	0.845966	0.991	0.79	0 TAMs-LA	Rps2
Glrx	0	0.588125	0.327	0.127	0 TAMs-LA	Glrx
Cacna1a	0	0.427076	0.289	0.089	0 TAMs-LA	Cacna1a
Cox4i1	0	0.584929	0.976	0.777	0 TAMs-LA	Cox4i1
Plxna4os1	0	0.379327	0.311	0.113	0 TAMs-LA	Plxna4os1
Bckdk	0	0.3465	0.321	0.124	0 TAMs-LA	Bckdk
Speg	0	1.049341	0.251	0.055	0 TAMs-LA	Speg
Cenpb	0	0.457634	0.318	0.122	0 TAMs-LA	Cenpb
Rpl10a	0	0.916496	0.986	0.79	0 TAMs-LA	Rpl10a

Gm2000	0	0.644226	0.3	0.105	0 TAMs-LA	Gm2000
Bola3	0	0.463318	0.306	0.111	0 TAMs-LA	Bola3
Bcl2a1a	0	0.583065	0.305	0.11	0 TAMs-LA	Bcl2a1a
Paox	0	0.654756	0.291	0.096	0 TAMs-LA	Paox
Rps14	0	0.490583	0.979	0.784	0 TAMs-LA	Rps14
Coq7	0	1.082654	0.251	0.058	0 TAMs-LA	Coq7
Mpst	0	0.689523	0.28	0.088	0 TAMs-LA	Mpst
Tufm	0	0.435194	0.308	0.116	0 TAMs-LA	Tufm
Rspo1	0	1.076063	0.251	0.061	0 TAMs-LA	Rspo1
Meis3	0	0.743441	0.264	0.075	0 TAMs-LA	Meis3
Klc4	0	0.772115	0.266	0.078	0 TAMs-LA	Klc4
Lamp1	0	0.774945	0.986	0.799	0 TAMs-LA	Lamp1
Rps26	0	0.69343	0.983	0.797	0 TAMs-LA	Rps26
Arl2	0	0.415175	0.287	0.103	0 TAMs-LA	Arl2
Tuba1c	0	0.712352	0.277	0.094	0 TAMs-LA	Tuba1c
Rpsa	0	0.623707	0.992	0.809	0 TAMs-LA	Rpsa
Rpl6	0	0.603175	0.986	0.804	0 TAMs-LA	Rpl6
Rpl39	0	0.569337	0.979	0.797	0 TAMs-LA	Rpl39
Pqlc2	0	0.617417	0.274	0.093	0 TAMs-LA	Pqlc2
Rps3	0	0.562302	0.984	0.805	0 TAMs-LA	Rps3
Rhoc	0	0.803705	0.261	0.084	0 TAMs-LA	Rhoc
Cryzl2	0	0.630695	0.256	0.08	0 TAMs-LA	Cryzl2
Rpl26	0	0.568266	0.981	0.805	0 TAMs-LA	Rpl26
Nelfe	0	0.452209	0.273	0.099	0 TAMs-LA	Nelfe
Rplp0	0	0.716529	0.992	0.819	0 TAMs-LA	Rplp0
Bnip3	0	0.662122	0.269	0.097	0 TAMs-LA	Bnip3
Il1b	0	0.914068	0.252	0.081	0 TAMs-LA	Il1b
Rpl18	0	0.471646	0.985	0.816	0 TAMs-LA	Rpl18
Rpl10	0	0.523598	0.986	0.817	0 TAMs-LA	Rpl10
Siglecf	0	0.654237	0.255	0.087	0 TAMs-LA	Siglecf
Acot9	0	0.611595	0.251	0.085	0 TAMs-LA	Acot9
Rpl28	0	0.547413	0.984	0.819	0 TAMs-LA	Rpl28
Rpl17	0	0.535978	0.983	0.818	0 TAMs-LA	Rpl17
Rps21	0	0.527116	0.975	0.812	0 TAMs-LA	Rps21
Rpl34	0	0.488068	0.984	0.822	0 TAMs-LA	Rpl34
Rps5	0	0.586926	0.99	0.831	0 TAMs-LA	Rps5
Rps13	0	0.521169	0.987	0.828	0 TAMs-LA	Rps13
Ctsz	0	1.181933	0.992	0.835	0 TAMs-LA	Ctsz
Grn1	0	0.711646	0.986	0.834	0 TAMs-LA	Grn
Rps15a	0	0.585359	0.987	0.836	0 TAMs-LA	Rps15a
Rps23	0	0.499572	0.985	0.834	0 TAMs-LA	Rps23
Cyba	0	0.673197	0.991	0.841	0 TAMs-LA	Cyba
Rpl37a	0	0.571525	0.983	0.834	0 TAMs-LA	Rpl37a
Rpl37	0	0.483349	0.98	0.831	0 TAMs-LA	Rpl37

Rpl32	0	0.728096	0.99	0.847	0	TAMs-LA	Rpl32
C1qa1	0	0.584342	0.994	0.855	0	TAMs-LA	C1qa
C1qc1	0	0.520632	0.995	0.857	0	TAMs-LA	C1qc
Rps12	0	0.654327	0.988	0.85	0	TAMs-LA	Rps12
Rps7	0	0.531931	0.985	0.849	0	TAMs-LA	Rps7
Rpl9	0	0.473514	0.991	0.858	0	TAMs-LA	Rpl9
Rpl11	0	0.547524	0.991	0.859	0	TAMs-LA	Rpl11
Rps20	0	0.794659	0.993	0.864	0	TAMs-LA	Rps20
Rpl23	0	0.655071	0.994	0.865	0	TAMs-LA	Rpl23
Rps4x	0	0.45555	0.99	0.863	0	TAMs-LA	Rps4x
Rps16	0	0.575394	0.991	0.865	0	TAMs-LA	Rps16
Rps3a1	0	0.410267	0.992	0.867	0	TAMs-LA	Rps3a1
C1qb1	0	0.539864	0.997	0.873	0	TAMs-LA	C1qb
Rpl19	0	0.724889	0.997	0.874	0	TAMs-LA	Rpl19
Rpl35a	0	0.45383	0.99	0.869	0	TAMs-LA	Rpl35a
H2-K1	0	0.550135	0.983	0.864	0	TAMs-LA	H2-K1
Rpl27a	0	0.68463	0.992	0.874	0	TAMs-LA	Rpl27a
Rps10	0	0.556886	0.994	0.876	0	TAMs-LA	Rps10
Rps11	0	0.587803	0.994	0.88	0	TAMs-LA	Rps11
Rpl21	0	0.663669	0.989	0.876	0	TAMs-LA	Rpl21
Tpt1	0	0.404325	0.994	0.882	0	TAMs-LA	Tpt1
Rps8	0	0.595969	0.994	0.886	0	TAMs-LA	Rps8
Rpl30	0	0.468863	0.99	0.883	0	TAMs-LA	Rpl30
Rpl18a	0	0.51872	0.992	0.886	0	TAMs-LA	Rpl18a
Rpl41	0	0.711378	0.995	0.889	0	TAMs-LA	Rpl41
Ctsb	0	1.333049	0.997	0.891	0	TAMs-LA	Ctsb
H2-D1	0	0.654729	0.993	0.89	0	TAMs-LA	H2-D1
Ctsd1	0	1.059328	0.998	0.896	0	TAMs-LA	Ctsd
Rps27a	0	0.550375	0.994	0.894	0	TAMs-LA	Rps27a
B2m	0	0.57672	0.993	0.896	0	TAMs-LA	B2m
Rps9	0	0.451522	0.994	0.899	0	TAMs-LA	Rps9
Tyrobp	0	0.564058	0.998	0.903	0	TAMs-LA	Tyrobp
Ftl1	0	1.53685	1	0.912	0	TAMs-LA	Ftl1
Rpl13	0	0.501232	0.995	0.908	0	TAMs-LA	Rpl13
Rplp1	0	0.527405	0.995	0.909	0	TAMs-LA	Rplp1
Rps24	0	0.484817	0.995	0.919	0	TAMs-LA	Rps24
Ctss1	0	0.522764	0.993	0.924	0	TAMs-LA	Ctss
Fau	0	0.53975	0.998	0.93	0	TAMs-LA	Fau
Eef1a1	0	0.736543	0.999	0.935	0	TAMs-LA	Eef1a1
Psap	0	0.827178	0.997	0.938	0	TAMs-LA	Psap
Itm2b1	0	0.418112	0.997	0.95	0	TAMs-LA	Itm2b
Fth1	0	1.144251	1	0.976	0	TAMs-LA	Fth1
Ccl12	4.86E-308	0.509771	0.672	0.385	1.19E-303	TAMs-LA	Ccl12
Tomm6	1.15E-307	0.4276	0.828	0.487	2.82E-303	TAMs-LA	Tomm6

Serbp1	4.78E-307	0.357944	0.696	0.361	1.17E-302	TAMs-LA	Serbp1
Crtap	6.65E-307	0.445569	0.302	0.114	1.63E-302	TAMs-LA	Crtap
Ppia	9.41E-307	0.370006	0.993	0.864	2.31E-302	TAMs-LA	Ppia
Ybx1	1.14E-306	0.442053	0.867	0.526	2.80E-302	TAMs-LA	Ybx1
Ten1	2.17E-306	0.336541	0.392	0.165	5.30E-302	TAMs-LA	Ten1
Ndufb6	2.53E-306	0.322735	0.495	0.227	6.20E-302	TAMs-LA	Ndufb6
Sra1	2.94E-306	0.328122	0.397	0.169	7.19E-302	TAMs-LA	Sra1
Lgals9	5.60E-306	0.43707	0.833	0.5	1.37E-301	TAMs-LA	Lgals9
Tgif1	5.93E-306	0.421475	0.349	0.142	1.45E-301	TAMs-LA	Tgif1
Psmb1	9.33E-306	0.385767	0.693	0.359	2.29E-301	TAMs-LA	Psmb1
Atp5c1	1.36E-305	0.430653	0.806	0.457	3.32E-301	TAMs-LA	Atp5c1
Ube2m	1.52E-305	0.343058	0.567	0.274	3.73E-301	TAMs-LA	Ube2m
Ap1s1	1.88E-305	0.342079	0.349	0.141	4.61E-301	TAMs-LA	Ap1s1
Mrpl27	2.07E-305	0.438776	0.325	0.128	5.08E-301	TAMs-LA	Mrpl27
Ppt11	3.12E-305	0.327422	0.751	0.404	7.65E-301	TAMs-LA	Ppt1
Lamtor1	3.49E-305	0.397744	0.723	0.385	8.55E-301	TAMs-LA	Lamtor1
Stxbp2	2.62E-304	0.360011	0.358	0.146	6.40E-300	TAMs-LA	Stxbp2
Odc1	4.47E-304	0.454972	0.279	0.104	1.09E-299	TAMs-LA	Odc1
Ddhd1	1.49E-303	0.428339	0.302	0.116	3.64E-299	TAMs-LA	Ddhd1
Chchd5	1.58E-303	0.4877	0.255	0.09	3.88E-299	TAMs-LA	Chchd5
Cct4	3.04E-303	0.327136	0.563	0.269	7.45E-299	TAMs-LA	Cct4
Cuta	3.36E-303	0.326423	0.702	0.362	8.22E-299	TAMs-LA	Cuta
Gm5617	5.50E-303	0.439165	0.298	0.113	1.35E-298	TAMs-LA	Gm5617
Slc25a1	1.64E-302	0.446194	0.281	0.104	4.01E-298	TAMs-LA	Slc25a1
Cox6a1	1.68E-302	0.396589	0.814	0.467	4.11E-298	TAMs-LA	Cox6a1
Aldh2	1.94E-302	0.499897	0.501	0.237	4.75E-298	TAMs-LA	Aldh2
Cmtm3	3.47E-302	0.294029	0.536	0.251	8.49E-298	TAMs-LA	Cmtm3
Rbm3	1.17E-301	0.46285	0.835	0.49	2.86E-297	TAMs-LA	Rbm3
Tbcb	2.46E-301	0.356851	0.494	0.228	6.03E-297	TAMs-LA	Tbcb
Ormdl2	3.93E-301	0.361693	0.388	0.164	9.62E-297	TAMs-LA	Ormdl2
Fam50a	4.31E-301	0.363689	0.364	0.152	1.06E-296	TAMs-LA	Fam50a
Cln8	5.65E-301	0.326072	0.389	0.164	1.38E-296	TAMs-LA	Cln8
Cyb5r3	1.10E-300	0.499228	0.306	0.119	2.70E-296	TAMs-LA	Cyb5r3
Cd74	2.01E-300	0.572037	0.944	0.748	4.93E-296	TAMs-LA	Cd74
Cct3	3.41E-300	0.305594	0.396	0.168	8.35E-296	TAMs-LA	Cct3
Ndufb9	3.55E-300	0.322805	0.753	0.404	8.70E-296	TAMs-LA	Ndufb9
Dctpp1	3.91E-300	0.334448	0.35	0.142	9.57E-296	TAMs-LA	Dctpp1
Hspa9	8.35E-300	0.33753	0.401	0.173	2.05E-295	TAMs-LA	Hspa9
Eif4e2	1.05E-299	0.277797	0.487	0.222	2.56E-295	TAMs-LA	Eif4e2
Clptm1l	1.65E-299	0.257553	0.459	0.204	4.05E-295	TAMs-LA	Clptm1l
Plekho2	6.88E-299	0.304609	0.404	0.176	1.69E-294	TAMs-LA	Plekho2
Ldhb1	1.12E-298	0.388593	0.84	0.492	2.74E-294	TAMs-LA	Ldhb
Mrps24	1.32E-298	0.279911	0.519	0.242	3.23E-294	TAMs-LA	Mrps24
Serpine21	1.70E-298	0.518126	0.851	0.549	4.16E-294	TAMs-LA	Serpine2

Mrpl51	2.58E-298	0.396838	0.369	0.155	6.32E-294	TAMs-LA	Mrpl51
Ssbp41	4.76E-298	0.288566	0.581	0.281	1.17E-293	TAMs-LA	Ssbp4
Tomm7	5.81E-298	0.344654	0.667	0.343	1.42E-293	TAMs-LA	Tomm7
Rnaseh2c	5.75E-297	0.272882	0.441	0.195	1.41E-292	TAMs-LA	Rnaseh2c
Glrx3	6.70E-297	0.295381	0.509	0.237	1.64E-292	TAMs-LA	Glrx3
Rfc2	1.01E-296	0.341782	0.37	0.155	2.48E-292	TAMs-LA	Rfc2
Coro1c	1.05E-296	0.345474	0.389	0.167	2.58E-292	TAMs-LA	Coro1c
Fcer1g	1.16E-296	0.344947	0.995	0.891	2.83E-292	TAMs-LA	Fcer1g
Ufc1	1.25E-296	0.279815	0.49	0.225	3.06E-292	TAMs-LA	Ufc1
ldh3b	2.16E-296	0.258547	0.51	0.237	5.28E-292	TAMs-LA	ldh3b
Atp6v0d1	5.17E-296	0.356876	0.646	0.33	1.27E-291	TAMs-LA	Atp6v0d1
Pacc1	5.19E-296	0.309181	0.4	0.17	1.27E-291	TAMs-LA	Pacc1
Vdac1	7.65E-296	0.285818	0.486	0.223	1.87E-291	TAMs-LA	Vdac1
Gnl3	1.61E-295	0.459508	0.256	0.091	3.94E-291	TAMs-LA	Gnl3
Nrbf2	2.33E-295	0.384046	0.3	0.115	5.70E-291	TAMs-LA	Nrbf2
Gnpda1	2.54E-295	0.363422	0.329	0.131	6.23E-291	TAMs-LA	Gnpda1
Eif3m	3.86E-295	0.282228	0.525	0.245	9.44E-291	TAMs-LA	Eif3m
Gadd45gip1	5.18E-295	0.328334	0.359	0.149	1.27E-290	TAMs-LA	Gadd45gip1
Anp32b	7.23E-295	0.291622	0.532	0.251	1.77E-290	TAMs-LA	Anp32b
Mrto4	3.30E-294	0.441808	0.281	0.105	8.08E-290	TAMs-LA	Mrto4
Mvp	3.30E-294	0.350372	0.379	0.161	8.09E-290	TAMs-LA	Mvp
Armc5	4.70E-294	0.407868	0.261	0.094	1.15E-289	TAMs-LA	Armc5
Pdlim41	6.14E-294	0.318964	0.492	0.227	1.50E-289	TAMs-LA	Pdlim4
Coa3	1.21E-293	0.258276	0.526	0.247	2.97E-289	TAMs-LA	Coa3
Sec131	1.65E-292	0.29372	0.523	0.247	4.04E-288	TAMs-LA	Sec13
Sf3a1	2.14E-292	0.313534	0.331	0.133	5.24E-288	TAMs-LA	Sf3a1
Gnl2	3.52E-292	0.303721	0.36	0.149	8.62E-288	TAMs-LA	Gnl2
St13	5.03E-292	0.278583	0.494	0.229	1.23E-287	TAMs-LA	St13
Prkcsh	5.14E-292	0.264711	0.393	0.168	1.26E-287	TAMs-LA	Prkcsh
Taldo1	8.04E-292	0.330101	0.786	0.435	1.97E-287	TAMs-LA	Taldo1
Eif3h	1.50E-291	0.376669	0.793	0.44	3.67E-287	TAMs-LA	Eif3h
H2-Q4	1.78E-291	0.377935	0.726	0.396	4.35E-287	TAMs-LA	H2-Q4
Rabggtb	2.16E-291	0.310088	0.312	0.123	5.29E-287	TAMs-LA	Rabggtb
Eif3b	4.02E-291	0.374187	0.347	0.144	9.84E-287	TAMs-LA	Eif3b
Atp5j2	9.31E-291	0.396112	0.817	0.474	2.28E-286	TAMs-LA	Atp5j2
Mybbp1a	1.41E-290	0.344416	0.323	0.13	3.46E-286	TAMs-LA	Mybbp1a
Rab5c	1.53E-290	0.326844	0.648	0.33	3.75E-286	TAMs-LA	Rab5c
Ciao2a	3.91E-290	0.307098	0.473	0.216	9.57E-286	TAMs-LA	Ciao2a
Park7	4.32E-290	0.328216	0.701	0.365	1.06E-285	TAMs-LA	Park7
Pfdn1	1.44E-289	0.264432	0.384	0.164	3.52E-285	TAMs-LA	Pfdn1
Prelid1	1.97E-289	0.33299	0.598	0.296	4.82E-285	TAMs-LA	Prelid1
Chchd2	1.98E-289	0.3579	0.646	0.332	4.84E-285	TAMs-LA	Chchd2
Ubl5	2.17E-289	0.372869	0.784	0.436	5.31E-285	TAMs-LA	Ubl5
Ptpn6	1.09E-288	0.401253	0.809	0.468	2.67E-284	TAMs-LA	Ptpn6

Slamf9	2.05E-288	0.333456	0.407	0.179	5.01E-284	TAMs-LA	Slamf9
Iah1	6.36E-288	0.430343	0.311	0.124	1.56E-283	TAMs-LA	Iah1
Nectin2	9.15E-288	0.342582	0.261	0.094	2.24E-283	TAMs-LA	Nectin2
Mrpl36	9.98E-288	0.306538	0.39	0.168	2.44E-283	TAMs-LA	Mrpl36
Socs3	1.52E-287	0.36634	0.465	0.223	3.73E-283	TAMs-LA	Socs3
Mrpl30	7.97E-287	0.253105	0.524	0.247	1.95E-282	TAMs-LA	Mrpl30
Hpf1	9.43E-287	0.274452	0.347	0.143	2.31E-282	TAMs-LA	Hpf1
Rps29	1.20E-286	0.462828	0.978	0.836	2.94E-282	TAMs-LA	Rps29
Pigt	1.62E-286	0.251085	0.461	0.209	3.97E-282	TAMs-LA	Pigt
Slc31a2	2.47E-286	0.405484	0.432	0.195	6.04E-282	TAMs-LA	Slc31a2
Gpx4	4.93E-286	0.406776	0.87	0.554	1.21E-281	TAMs-LA	Gpx4
Cct7	5.81E-285	0.280846	0.488	0.226	1.42E-280	TAMs-LA	Cct7
Mrpl34	2.87E-284	0.274167	0.361	0.151	7.02E-280	TAMs-LA	Mrpl34
Nfe2l2	9.41E-284	0.407915	0.779	0.448	2.30E-279	TAMs-LA	Nfe2l2
Fkbp8	1.12E-283	0.29339	0.579	0.285	2.75E-279	TAMs-LA	Fkbp8
Litaf	2.19E-283	0.297271	0.673	0.352	5.35E-279	TAMs-LA	Litaf
Ndufb7	6.06E-283	0.26804	0.654	0.331	1.48E-278	TAMs-LA	Ndufb7
Psbm5	8.53E-283	0.37694	0.599	0.3	2.09E-278	TAMs-LA	Psbm5
Chmp6	1.40E-282	0.386507	0.29	0.112	3.42E-278	TAMs-LA	Chmp6
Snhg1	1.70E-282	0.403247	0.317	0.128	4.17E-278	TAMs-LA	Snhg1
Preli3b	5.02E-282	0.367	0.313	0.125	1.23E-277	TAMs-LA	Preli3b
M6pr1	8.11E-282	0.362993	0.761	0.418	1.99E-277	TAMs-LA	M6pr
Lsm4	9.95E-282	0.254451	0.483	0.224	2.44E-277	TAMs-LA	Lsm4
Eci2	6.30E-281	0.275772	0.319	0.128	1.54E-276	TAMs-LA	Eci2
Ogfr	1.72E-280	0.304882	0.391	0.17	4.20E-276	TAMs-LA	Ogfr
Psmc5	2.31E-280	0.27849	0.44	0.199	5.67E-276	TAMs-LA	Psmc5
Ctsc	3.61E-280	0.404394	0.938	0.67	8.83E-276	TAMs-LA	Ctsc
Aco2	3.92E-280	0.252465	0.452	0.206	9.61E-276	TAMs-LA	Aco2
Morrbid	2.41E-279	0.332377	0.265	0.1	5.89E-275	TAMs-LA	Morrbid
Cd48	2.48E-279	0.342837	0.685	0.36	6.08E-275	TAMs-LA	Cd48
1810058l2	4.11E-279	0.266442	0.487	0.229	1.01E-274	TAMs-LA	1810058l24Rik
Txn1	9.38E-278	0.285484	0.468	0.217	2.30E-273	TAMs-LA	Txn1
Cln3	1.76E-277	0.25315	0.507	0.24	4.30E-273	TAMs-LA	Cln3
Chchd1	2.11E-277	0.34268	0.395	0.174	5.17E-273	TAMs-LA	Chchd1
Nfkbib	2.54E-277	0.343589	0.361	0.154	6.22E-273	TAMs-LA	Nfkbib
Vps28	7.98E-277	0.283141	0.69	0.361	1.95E-272	TAMs-LA	Vps28
Bscl2	1.07E-276	0.251905	0.456	0.209	2.62E-272	TAMs-LA	Bscl2
Cox7a2l	6.70E-276	0.371154	0.746	0.413	1.64E-271	TAMs-LA	Cox7a2l
Rex1bd	9.38E-276	0.311844	0.448	0.207	2.30E-271	TAMs-LA	Rex1bd
Rbm42	1.11E-275	0.295713	0.474	0.221	2.71E-271	TAMs-LA	Rbm42
Dnajc2	1.19E-275	0.308297	0.34	0.142	2.92E-271	TAMs-LA	Dnajc2
Lamtor2	8.25E-275	0.282347	0.606	0.303	2.02E-270	TAMs-LA	Lamtor2
Dap	3.02E-274	0.420266	0.321	0.132	7.39E-270	TAMs-LA	Dap
Ergic31	8.63E-274	0.298551	0.775	0.429	2.11E-269	TAMs-LA	Ergic3

Chmp4b	1.45E-273	0.341083	0.762	0.419	3.55E-269	TAMs-LA	Chmp4b
Mrpl28	2.34E-273	0.357706	0.31	0.125	5.74E-269	TAMs-LA	Mrpl28
Psmc2	2.35E-273	0.310275	0.416	0.187	5.75E-269	TAMs-LA	Psmc2
Gpr108	4.52E-273	0.272691	0.427	0.193	1.11E-268	TAMs-LA	Gpr108
Fam162a	8.30E-273	0.38937	0.303	0.122	2.03E-268	TAMs-LA	Fam162a
Hsd17b10	1.75E-272	0.327367	0.312	0.127	4.28E-268	TAMs-LA	Hsd17b10
Gnas	1.77E-272	0.437246	0.924	0.698	4.34E-268	TAMs-LA	Gnas
Hras	3.18E-272	0.273733	0.318	0.13	7.79E-268	TAMs-LA	Hras
Rrp7a	4.32E-272	0.380429	0.265	0.1	1.06E-267	TAMs-LA	Rrp7a
Rap2b	6.66E-272	0.565896	0.276	0.108	1.63E-267	TAMs-LA	Rap2b
Rnasek1	1.14E-271	0.36514	0.842	0.51	2.80E-267	TAMs-LA	Rnasek
Myc	1.92E-271	0.709056	0.25	0.094	4.71E-267	TAMs-LA	Myc
Mrps7	2.00E-271	0.282178	0.335	0.139	4.90E-267	TAMs-LA	Mrps7
S100a1	3.32E-271	0.484496	0.355	0.156	8.14E-267	TAMs-LA	S100a1
Lrrc59	4.45E-271	0.331299	0.305	0.123	1.09E-266	TAMs-LA	Lrrc59
Rab5if	8.82E-271	0.332209	0.674	0.353	2.16E-266	TAMs-LA	Rab5if
Psmc4	1.64E-270	0.291303	0.392	0.173	4.02E-266	TAMs-LA	Psmc4
Ndufs8	4.09E-270	0.292011	0.545	0.269	1.00E-265	TAMs-LA	Ndufs8
Mrpl41	4.48E-270	0.384774	0.28	0.109	1.10E-265	TAMs-LA	Mrpl41
Uqcrb	4.80E-270	0.337476	0.709	0.38	1.18E-265	TAMs-LA	Uqcrb
Ap2s1	4.94E-270	0.270379	0.542	0.263	1.21E-265	TAMs-LA	Ap2s1
Apex1	2.15E-269	0.350316	0.318	0.13	5.27E-265	TAMs-LA	Apex1
Pgd	1.57E-268	0.334896	0.506	0.244	3.84E-264	TAMs-LA	Pgd
Arhgdia	3.85E-268	0.401039	0.819	0.49	9.44E-264	TAMs-LA	Arhgdia
Ctnnb1	3.94E-268	0.274836	0.61	0.311	9.64E-264	TAMs-LA	Ctnnb1
Glipr1	1.33E-267	0.470153	0.25	0.093	3.25E-263	TAMs-LA	Glipr1
Psmc12	1.57E-267	0.290558	0.385	0.17	3.84E-263	TAMs-LA	Psmc12
Lamtor3	1.74E-267	0.318815	0.356	0.153	4.27E-263	TAMs-LA	Lamtor3
Atp6ap21	2.85E-267	0.357277	0.766	0.433	6.99E-263	TAMs-LA	Atp6ap2
Snrpe	7.42E-267	0.258627	0.621	0.311	1.82E-262	TAMs-LA	Snrpe
Tomm5	1.00E-266	0.307483	0.39	0.173	2.45E-262	TAMs-LA	Tomm5
Fgl2	1.11E-266	0.280353	0.495	0.239	2.71E-262	TAMs-LA	Fgl2
Higd2a1	1.88E-266	0.282481	0.696	0.371	4.60E-262	TAMs-LA	Higd2a
Dbn2	3.55E-266	0.297477	0.33	0.139	8.69E-262	TAMs-LA	Dbn2
Llph	4.40E-266	0.256398	0.444	0.205	1.08E-261	TAMs-LA	Llph
Fcgr3	5.04E-266	0.396975	0.957	0.753	1.23E-261	TAMs-LA	Fcgr3
Fis1	5.60E-266	0.305935	0.764	0.423	1.37E-261	TAMs-LA	Fis1
Bloc1s1	8.79E-266	0.277786	0.428	0.196	2.15E-261	TAMs-LA	Bloc1s1
Txndc9	8.97E-266	0.278919	0.381	0.168	2.20E-261	TAMs-LA	Txndc9
Tmem179b	3.73E-265	0.267856	0.706	0.372	9.13E-261	TAMs-LA	Tmem179b
Cope	7.66E-265	0.299401	0.66	0.344	1.88E-260	TAMs-LA	Cope
Hmga1	1.10E-264	0.453881	0.295	0.119	2.70E-260	TAMs-LA	Hmga1
Slc35f6	3.93E-264	0.307546	0.289	0.114	9.62E-260	TAMs-LA	Slc35f6
Psmc7	6.47E-264	0.292094	0.701	0.369	1.59E-259	TAMs-LA	Psmc7

Stoml2	1.44E-263	0.320636	0.325	0.136	3.54E-259	TAMs-LA	Stoml2
Tomm40	2.09E-263	0.328087	0.316	0.131	5.12E-259	TAMs-LA	Tomm40
Tlr1	8.22E-263	0.340651	0.26	0.099	2.01E-258	TAMs-LA	Tlr1
Imp4	2.06E-262	0.353562	0.296	0.119	5.05E-258	TAMs-LA	Imp4
Pfdn5	3.46E-262	0.38629	0.922	0.655	8.47E-258	TAMs-LA	Pfdn5
Prmt1	5.41E-262	0.284288	0.388	0.173	1.32E-257	TAMs-LA	Prmt1
Wsb2	1.80E-261	0.295256	0.296	0.12	4.42E-257	TAMs-LA	Wsb2
Atp5e	3.00E-261	0.382139	0.901	0.612	7.34E-257	TAMs-LA	Atp5e
Fuca11	8.14E-261	0.282367	0.717	0.388	1.99E-256	TAMs-LA	Fuca1
Psma2	1.08E-260	0.297726	0.62	0.317	2.64E-256	TAMs-LA	Psma2
Selenof1	2.29E-260	0.373572	0.894	0.583	5.61E-256	TAMs-LA	Selenof
Tmem258	2.73E-260	0.28896	0.689	0.365	6.68E-256	TAMs-LA	Tmem258
Nudt14	1.62E-259	0.323922	0.255	0.097	3.96E-255	TAMs-LA	Nudt14
Blvra	1.76E-259	0.289137	0.364	0.159	4.32E-255	TAMs-LA	Blvra
Dohh	3.11E-259	0.423485	0.262	0.101	7.61E-255	TAMs-LA	Dohh
Smim3	4.68E-259	0.252603	0.304	0.124	1.15E-254	TAMs-LA	Smim3
Icam1	1.02E-258	0.321404	0.59	0.305	2.50E-254	TAMs-LA	Icam1
Mrpl52	1.15E-258	0.307127	0.764	0.427	2.82E-254	TAMs-LA	Mrpl52
Prdx4	1.32E-258	0.281799	0.365	0.16	3.23E-254	TAMs-LA	Prdx4
Mfsd11	2.07E-258	0.26724	0.406	0.183	5.06E-254	TAMs-LA	Mfsd11
Psma6	4.16E-258	0.282538	0.492	0.237	1.02E-253	TAMs-LA	Psma6
Tuba1b	4.96E-258	0.335342	0.626	0.329	1.21E-253	TAMs-LA	Tuba1b
Vcp	1.23E-257	0.315285	0.653	0.347	3.02E-253	TAMs-LA	Vcp
Psmb3	1.48E-257	0.319766	0.676	0.359	3.62E-253	TAMs-LA	Psmb3
Serf2	1.58E-257	0.368975	0.962	0.728	3.87E-253	TAMs-LA	Serf2
Gipc1	1.73E-257	0.264163	0.275	0.108	4.24E-253	TAMs-LA	Gipc1
Dyntl3	5.20E-257	0.250095	0.262	0.101	1.27E-252	TAMs-LA	Dyntl3
Atp5j	1.11E-256	0.356332	0.829	0.499	2.71E-252	TAMs-LA	Atp5j
Mrpl2	2.84E-256	0.299909	0.312	0.13	6.96E-252	TAMs-LA	Mrpl2
Eif1ad	3.61E-256	0.334815	0.255	0.097	8.85E-252	TAMs-LA	Eif1ad
Cox7a2	1.52E-255	0.28831	0.756	0.416	3.71E-251	TAMs-LA	Cox7a2
Atp5l	1.56E-255	0.33723	0.865	0.522	3.81E-251	TAMs-LA	Atp5l
Ssr21	6.74E-254	0.279012	0.579	0.293	1.65E-249	TAMs-LA	Ssr2
Milr1	3.43E-253	0.31817	0.325	0.138	8.41E-249	TAMs-LA	Milr1
Slc3a21	4.24E-253	0.383438	0.826	0.498	1.04E-248	TAMs-LA	Slc3a2
Adrm1	1.42E-252	0.365249	0.339	0.146	3.48E-248	TAMs-LA	Adrm1
Eno1	5.80E-252	0.342587	0.525	0.265	1.42E-247	TAMs-LA	Eno1
Epb41l4aos	1.50E-251	0.414217	0.27	0.108	3.67E-247	TAMs-LA	Epb41l4aos
Psen2	1.80E-251	0.393111	0.286	0.117	4.41E-247	TAMs-LA	Psen2
Atp1b3	2.11E-251	0.305855	0.718	0.396	5.16E-247	TAMs-LA	Atp1b3
Timm10	9.24E-251	0.396078	0.252	0.097	2.26E-246	TAMs-LA	Timm10
Calr	1.62E-250	0.431474	0.756	0.452	3.97E-246	TAMs-LA	Calr
Psmb2	3.85E-250	0.279929	0.632	0.33	9.43E-246	TAMs-LA	Psmb2
Lamtor4	1.51E-249	0.27364	0.727	0.4	3.69E-245	TAMs-LA	Lamtor4

Sh3bgrl3	2.24E-249	0.293345	0.961	0.716	5.49E-245	TAMs-LA	Sh3bgrl3
Tomm22	4.74E-249	0.251071	0.575	0.289	1.16E-244	TAMs-LA	Tomm22
Yif1a	9.09E-249	0.290281	0.292	0.119	2.23E-244	TAMs-LA	Yif1a
Pdia41	4.79E-248	0.262151	0.563	0.286	1.17E-243	TAMs-LA	Pdia4
Spcs11	4.84E-248	0.306839	0.797	0.462	1.18E-243	TAMs-LA	Spcs1
Pmpcb	6.67E-248	0.287334	0.283	0.115	1.63E-243	TAMs-LA	Pmpcb
Tex264	2.85E-247	0.268555	0.329	0.141	6.98E-243	TAMs-LA	Tex264
Cdc34	4.60E-247	0.372184	0.291	0.12	1.13E-242	TAMs-LA	Cdc34
Ddost1	8.27E-247	0.338211	0.781	0.455	2.03E-242	TAMs-LA	Ddost
Atp5k	1.09E-246	0.271185	0.399	0.184	2.68E-242	TAMs-LA	Atp5k
Timm17a	3.66E-246	0.257867	0.331	0.143	8.97E-242	TAMs-LA	Timm17a
Adipor1	1.47E-245	0.266218	0.713	0.398	3.59E-241	TAMs-LA	Adipor1
Sf3b4	4.69E-244	0.286966	0.369	0.167	1.15E-239	TAMs-LA	Sf3b4
Cd300c21	8.42E-244	0.35728	0.942	0.694	2.06E-239	TAMs-LA	Cd300c2
Efhd2	1.01E-243	0.386711	0.881	0.577	2.48E-239	TAMs-LA	Efhd2
Acvrl1	1.03E-241	0.368486	0.294	0.123	2.53E-237	TAMs-LA	Acvrl1
Nipsnap3b	1.13E-241	0.337247	0.286	0.118	2.76E-237	TAMs-LA	Nipsnap3b
C1galt1c1	2.03E-241	0.294786	0.302	0.127	4.97E-237	TAMs-LA	C1galt1c1
H2-Aa	5.63E-241	0.413044	0.826	0.583	1.38E-236	TAMs-LA	H2-Aa
Eif1a	1.56E-239	0.306383	0.304	0.129	3.83E-235	TAMs-LA	Eif1a
Tgm2	2.79E-239	0.514717	0.26	0.105	6.83E-235	TAMs-LA	Tgm2
Pih1d1	1.67E-238	0.313324	0.266	0.107	4.10E-234	TAMs-LA	Pih1d1
Hnrnpab	6.95E-237	0.276939	0.583	0.303	1.70E-232	TAMs-LA	Hnrnpab
Psm3	1.72E-236	0.256539	0.335	0.147	4.20E-232	TAMs-LA	Psm3
Pcna	2.25E-235	0.307768	0.263	0.106	5.51E-231	TAMs-LA	Pcna
Mrpl55	3.20E-235	0.266628	0.274	0.112	7.84E-231	TAMs-LA	Mrpl55
Coq10b	4.78E-235	0.342834	0.27	0.111	1.17E-230	TAMs-LA	Coq10b
Ssrp1	6.76E-235	0.284146	0.325	0.142	1.66E-230	TAMs-LA	Ssrp1
Hdgf	1.57E-234	0.294996	0.336	0.149	3.85E-230	TAMs-LA	Hdgf
Dad1	3.00E-234	0.317372	0.817	0.49	7.35E-230	TAMs-LA	Dad1
Nfkbid	3.03E-233	0.498802	0.276	0.117	7.43E-229	TAMs-LA	Nfkbid
Ppfia41	4.55E-233	0.325727	0.761	0.454	1.11E-228	TAMs-LA	Ppfia4
Med29	1.55E-232	0.272257	0.265	0.107	3.80E-228	TAMs-LA	Med29
Fos	4.11E-232	0.324499	0.713	0.445	1.01E-227	TAMs-LA	Fos
Ctsh	6.15E-231	0.353413	0.955	0.762	1.50E-226	TAMs-LA	Ctsh
Tmem126a	7.82E-231	0.262467	0.279	0.116	1.91E-226	TAMs-LA	Tmem126a
Coro1b	6.62E-230	0.298775	0.753	0.427	1.62E-225	TAMs-LA	Coro1b
Irf8	8.11E-230	0.287134	0.873	0.562	1.99E-225	TAMs-LA	Irf8
Atp5g3	1.74E-229	0.329773	0.866	0.55	4.26E-225	TAMs-LA	Atp5g3
Sdc4	2.80E-229	0.418555	0.273	0.115	6.86E-225	TAMs-LA	Sdc4
Trappc6a	5.56E-229	0.311007	0.291	0.124	1.36E-224	TAMs-LA	Trappc6a
Tmem251	4.91E-228	0.432962	0.25	0.1	1.20E-223	TAMs-LA	Tmem251
Rps27	6.32E-228	0.378833	0.948	0.757	1.55E-223	TAMs-LA	Rps27
Tmem14c1	4.17E-226	0.272092	0.717	0.399	1.02E-221	TAMs-LA	Tmem14c

Ubb	1.24E-225	0.296158	0.986	0.847	3.03E-221	TAMs-LA	Ubb
Cox7c	2.20E-225	0.320828	0.849	0.532	5.38E-221	TAMs-LA	Cox7c
Cd811	8.63E-225	0.373608	0.979	0.784	2.11E-220	TAMs-LA	Cd81
Cox6c	2.40E-224	0.299289	0.858	0.535	5.88E-220	TAMs-LA	Cox6c
Wdr1	1.48E-223	0.252897	0.611	0.328	3.63E-219	TAMs-LA	Wdr1
Ufm1	2.44E-223	0.256759	0.289	0.124	5.96E-219	TAMs-LA	Ufm1
Stat1	1.19E-221	0.263949	0.757	0.457	2.92E-217	TAMs-LA	Stat1
P4hb1	1.17E-219	0.333811	0.758	0.448	2.87E-215	TAMs-LA	P4hb
Camk11	4.73E-218	0.296547	0.837	0.517	1.16E-213	TAMs-LA	Camk1
Zbtb8os	1.90E-217	0.276485	0.251	0.102	4.66E-213	TAMs-LA	Zbtb8os
Atp5a1	7.95E-217	0.270279	0.747	0.429	1.95E-212	TAMs-LA	Atp5a1
Ndufa7	1.24E-216	0.252701	0.779	0.452	3.04E-212	TAMs-LA	Ndufa7
Ndufa13	2.00E-216	0.301378	0.812	0.494	4.89E-212	TAMs-LA	Ndufa13
2610001J0	2.41E-216	0.25802	0.253	0.103	5.91E-212	TAMs-LA	2610001J05Rik
Exosc4	2.84E-216	0.253581	0.25	0.103	6.96E-212	TAMs-LA	Exosc4
Actb	1.34E-215	0.250741	0.999	0.952	3.29E-211	TAMs-LA	Actb
Bak1	3.29E-213	0.254391	0.271	0.115	8.05E-209	TAMs-LA	Bak1
Tmem242	1.90E-212	0.267467	0.251	0.104	4.66E-208	TAMs-LA	Tmem242
Mrpl40	6.75E-212	0.276952	0.255	0.106	1.65E-207	TAMs-LA	Mrpl40
H2-Ab1	8.99E-210	0.26284	0.869	0.612	2.20E-205	TAMs-LA	H2-Ab1
Fbxo6	9.59E-210	0.250243	0.287	0.125	2.35E-205	TAMs-LA	Fbxo6
Cat	2.27E-208	0.454589	0.341	0.16	5.56E-204	TAMs-LA	Cat
Lilrb4a	1.61E-204	0.799123	0.307	0.149	3.95E-200	TAMs-LA	Lilrb4a
Spcs21	1.84E-204	0.256599	0.776	0.46	4.51E-200	TAMs-LA	Spcs2
Itm2c1	3.13E-202	0.304342	0.916	0.651	7.67E-198	TAMs-LA	Itm2c
Dusp1	4.06E-202	0.268634	0.595	0.353	9.95E-198	TAMs-LA	Dusp1
Plau	4.06E-202	0.637676	0.299	0.136	9.95E-198	TAMs-LA	Plau
H2-Eb1	5.81E-202	0.287226	0.803	0.562	1.42E-197	TAMs-LA	H2-Eb1
Pla2g7	7.85E-202	0.439403	0.303	0.14	1.92E-197	TAMs-LA	Pla2g7
Atp6ap11	5.41E-201	0.268533	0.782	0.465	1.32E-196	TAMs-LA	Atp6ap1
Nfkbia	1.42E-198	0.301736	0.734	0.451	3.48E-194	TAMs-LA	Nfkbia
Man2b11	6.74E-198	0.328221	0.924	0.702	1.65E-193	TAMs-LA	Man2b1
Elob	6.15E-197	0.262094	0.8	0.482	1.51E-192	TAMs-LA	Elob
Cyb5a	3.98E-196	0.335436	0.651	0.359	9.75E-192	TAMs-LA	Cyb5a
Vamp8	1.25E-195	0.291318	0.867	0.553	3.06E-191	TAMs-LA	Vamp8
Ier2	5.13E-195	0.25242	0.555	0.324	1.26E-190	TAMs-LA	Ier2
Tapbp	5.73E-195	0.253538	0.781	0.459	1.40E-190	TAMs-LA	Tapbp
Zfp36	1.04E-189	0.259643	0.885	0.692	2.55E-185	TAMs-LA	Zfp36
Ly861	6.37E-176	0.307902	0.978	0.903	1.56E-171	TAMs-LA	Ly86
Bsg1	2.23E-170	0.25389	0.906	0.643	5.47E-166	TAMs-LA	Bsg
Arpc3	1.15E-168	0.262273	0.901	0.6	2.82E-164	TAMs-LA	Arpc3
H2-T23	4.00E-157	0.252743	0.924	0.682	9.79E-153	TAMs-LA	H2-T23
Ubc	1.38E-155	0.259393	0.936	0.735	3.37E-151	TAMs-LA	Ubc
Erp291	2.09E-149	0.257491	0.911	0.657	5.11E-145	TAMs-LA	Erp29

Egr1	0	2.06585	0.872	0.316	0 MG-Transci Egr1
Fos1	0	1.617094	0.839	0.433	0 MG-Transci Fos
Ier21	0	1.929286	0.693	0.31	0 MG-Transci Ier2
Ier5	0	1.584201	0.881	0.501	0 MG-Transci Ier5
Btg21	0	1.651771	0.944	0.573	0 MG-Transci Btg2
Socs31	0	2.161726	0.577	0.213	0 MG-Transci Socs3
1-Jun	0	1.641251	0.948	0.595	0 MG-Transci Jun
Junb	0	1.779403	0.982	0.656	0 MG-Transci Junb
Crybb11	0	0.90804	0.785	0.474	0 MG-Transci Crybb1
Tmem1191	0	0.672536	0.914	0.607	0 MG-Transci Tmem119
Zfp361	0	1.62361	0.988	0.681	0 MG-Transci Zfp36
Siglech2	0	0.603336	0.927	0.627	0 MG-Transci Siglech
Gpr342	0	0.638925	0.932	0.632	0 MG-Transci Gpr34
Olfml31	0	0.686844	0.954	0.657	0 MG-Transci Olfml3
Cd831	0	1.004709	0.742	0.448	0 MG-Transci Cd83
Mir142hg	0	1.107352	0.847	0.558	0 MG-Transci Mir142hg
Dusp11	0	1.22623	0.64	0.352	0 MG-Transci Dusp1
Rhob1	0	1.48649	0.977	0.692	0 MG-Transci Rhob
Nfkb1a1	0	1.166807	0.739	0.457	0 MG-Transci Nfkb1a
Jund	0	1.377189	0.934	0.656	0 MG-Transci Jund
Ltc4s1	0	0.62691	0.858	0.593	0 MG-Transci Ltc4s
Sparc1	0	0.790852	0.98	0.719	0 MG-Transci Sparc
Il1a1	0	1.36026	0.504	0.246	0 MG-Transci Il1a
Ctsl2	0	0.656731	0.975	0.723	0 MG-Transci Ctsl
P2ry122	0	0.555179	0.98	0.736	0 MG-Transci P2ry12
Dennd4a1	0	0.63675	0.828	0.585	0 MG-Transci Dennd4a
Kctd122	0	0.839238	0.828	0.59	0 MG-Transci Kctd12
Gng101	0	0.654064	0.841	0.605	0 MG-Transci Gng10
Mafb1	0	0.908768	0.913	0.686	0 MG-Transci Mafb
Sgk12	0	1.126895	0.584	0.361	0 MG-Transci Sgk1
Basp12	0	0.591005	0.878	0.662	0 MG-Transci Basp1
Trem22	0	0.553796	0.99	0.775	0 MG-Transci Trem2
Ubc1	0	1.016475	0.949	0.737	0 MG-Transci Ubc
Cd812	0	0.621314	0.996	0.785	0 MG-Transci Cd81
Zfp36l11	0	0.802696	0.818	0.608	0 MG-Transci Zfp36l1
Plek1	0	0.620767	0.84	0.632	0 MG-Transci Plek
Fcgr32	0	0.539449	0.961	0.757	0 MG-Transci Fcgr3
Glul2	0	0.730875	0.91	0.719	0 MG-Transci Glul
Ifngr11	0	0.49806	0.917	0.73	0 MG-Transci Ifngr1
Selplg1	0	0.571795	0.97	0.786	0 MG-Transci Selplg
Selenop1	0	0.498958	0.969	0.797	0 MG-Transci Selenop
Cx3cr12	0	0.563786	0.987	0.816	0 MG-Transci Cx3cr1
Marcks1	0	0.524443	0.944	0.773	0 MG-Transci Marcks
Rgs101	0	0.522905	0.952	0.786	0 MG-Transci Rgs10

C1qa2	0	0.45109	1	0.857	0	MG-Transci	C1qa
C1qc2	0	0.468758	1	0.859	0	MG-Transci	C1qc
H3f3b	0	1.064416	0.991	0.86	0	MG-Transci	H3f3b
C1qb2	0	0.462345	1	0.876	0	MG-Transci	C1qb
Lgmn1	0	0.485573	0.999	0.888	0	MG-Transci	Lgmn
Laptm51	0	0.440769	0.991	0.886	0	MG-Transci	Laptm5
Serinc31	0	0.472451	0.99	0.886	0	MG-Transci	Serinc3
Csf1r1	0	0.521333	0.998	0.896	0	MG-Transci	Csf1r
Ly862	0	0.463778	0.997	0.902	0	MG-Transci	Ly86
Ctss2	0	0.515186	0.999	0.924	0	MG-Transci	Ctss
Hexb1	0	0.580341	1	0.968	0	MG-Transci	Hexb
Cst31	0	0.755663	1	0.986	0	MG-Transci	Cst3
Ccr52	1.54E-305	0.728514	0.709	0.468	3.76E-301	MG-Transci	Ccr5
Itm2b2	1.25E-298	0.396906	0.999	0.951	3.06E-294	MG-Transci	Itm2b
Adgrg11	4.13E-291	0.659025	0.622	0.362	1.01E-286	MG-Transci	Adgrg1
Ddx5	3.04E-288	0.526814	0.911	0.77	7.45E-284	MG-Transci	Ddx5
Unc93b11	1.96E-277	0.393755	0.979	0.849	4.81E-273	MG-Transci	Unc93b1
Ckb1	2.71E-273	0.534983	0.846	0.644	6.64E-269	MG-Transci	Ckb
F11r1	8.84E-272	0.545939	0.809	0.568	2.17E-267	MG-Transci	F11r
Pnrc1	2.24E-265	0.77107	0.68	0.475	5.49E-261	MG-Transci	Pnrc1
Cd371	3.89E-265	0.514775	0.847	0.623	9.53E-261	MG-Transci	Cd37
Susd31	1.65E-264	0.657772	0.674	0.449	4.04E-260	MG-Transci	Susd3
Ccl121	9.64E-259	0.738847	0.629	0.397	2.36E-254	MG-Transci	Ccl12
Srsf5	2.04E-258	0.631575	0.765	0.579	5.00E-254	MG-Transci	Srsf5
Cd141	7.72E-258	0.653767	0.746	0.521	1.89E-253	MG-Transci	Cd14
Itgb52	2.85E-254	0.419948	0.955	0.773	6.98E-250	MG-Transci	Itgb5
Lpcat22	4.77E-252	0.412053	0.957	0.779	1.17E-247	MG-Transci	Lpcat2
Serpine22	1.56E-247	0.472653	0.834	0.558	3.82E-243	MG-Transci	Serpine2
Ldhb2	3.93E-246	0.578945	0.746	0.513	9.64E-242	MG-Transci	Ldhb
Atf31	1.12E-243	0.817629	0.492	0.288	2.73E-239	MG-Transci	Atf3
Lag32	3.06E-243	0.523206	0.779	0.511	7.49E-239	MG-Transci	Lag3
Scamp21	3.84E-242	0.471135	0.864	0.689	9.41E-238	MG-Transci	Scamp2
Ecscr2	6.85E-236	0.645571	0.486	0.267	1.68E-231	MG-Transci	Ecscr
Ppp1r15a1	8.52E-236	1.45564	0.335	0.172	2.09E-231	MG-Transci	Ppp1r15a
Rnase41	4.24E-235	0.486985	0.79	0.56	1.04E-230	MG-Transci	Rnase4
Fscn11	1.86E-232	0.501971	0.54	0.325	4.56E-228	MG-Transci	Fscn1
Fcrls1	1.08E-220	0.434967	0.841	0.603	2.64E-216	MG-Transci	Fcrls
Cd92	1.08E-216	0.359265	0.945	0.725	2.64E-212	MG-Transci	Cd9
Vsir2	2.28E-216	0.382264	0.888	0.707	5.58E-212	MG-Transci	Vsir
St3gal62	2.64E-215	0.447936	0.749	0.518	6.47E-211	MG-Transci	St3gal6
Tmem1731	8.04E-211	0.585724	0.669	0.468	1.97E-206	MG-Transci	Tmem173
P2ry132	3.28E-205	0.514796	0.615	0.397	8.02E-201	MG-Transci	P2ry13
Hpgd1	5.54E-201	0.48142	0.732	0.505	1.36E-196	MG-Transci	Hpgd
Cebpb	8.36E-201	0.423853	0.726	0.516	2.05E-196	MG-Transci	Cebpb

Adrb21	1.70E-199	0.757147	0.535	0.343	4.16E-195	MG-Transci	Adrb2
Dusp6	2.19E-199	0.808804	0.537	0.36	5.36E-195	MG-Transci	Dusp6
Ctsf1	3.80E-198	0.592086	0.576	0.371	9.30E-194	MG-Transci	Ctsf
Fosb	3.47E-194	0.990811	0.295	0.148	8.50E-190	MG-Transci	Fosb
Sft2d11	4.57E-194	0.450643	0.8	0.621	1.12E-189	MG-Transci	Sft2d1
Il10ra2	5.59E-192	0.446791	0.831	0.656	1.37E-187	MG-Transci	Il10ra
Sall12	1.09E-188	0.492268	0.626	0.41	2.67E-184	MG-Transci	Sall1
Txnip	1.24E-188	0.586343	0.694	0.521	3.04E-184	MG-Transci	Txnip
Bin21	1.57E-188	0.510006	0.745	0.564	3.84E-184	MG-Transci	Bin2
Trf1	3.59E-188	0.358782	0.906	0.714	8.79E-184	MG-Transci	Trf
Ptgs12	7.01E-188	0.394401	0.829	0.601	1.72E-183	MG-Transci	Ptgs1
Pld41	5.40E-187	0.396331	0.919	0.732	1.32E-182	MG-Transci	Pld4
Irf2bpl	5.26E-186	1.11259	0.302	0.157	1.29E-181	MG-Transci	Irf2bpl
Herpud11	1.44E-184	0.72201	0.545	0.366	3.53E-180	MG-Transci	Herpud1
Saraf1	1.82E-184	0.526166	0.667	0.481	4.47E-180	MG-Transci	Saraf
Slc2a51	2.68E-182	0.566152	0.447	0.256	6.56E-178	MG-Transci	Slc2a5
Bin12	1.19E-179	0.374208	0.843	0.663	2.91E-175	MG-Transci	Bin1
Ctc11	4.01E-179	0.654836	0.498	0.318	9.83E-175	MG-Transci	Ctc1
Itm2c2	3.27E-178	0.417124	0.849	0.666	8.00E-174	MG-Transci	Itm2c
Hist1h1e1	2.38E-176	0.822994	0.431	0.265	5.82E-172	MG-Transci	Hist1h1e
Gm26532	4.96E-175	1.393827	0.25	0.123	1.21E-170	MG-Transci	Gm26532
Ywhah1	4.53E-173	0.502325	0.75	0.585	1.11E-168	MG-Transci	Ywhah
Usp22	2.02E-171	0.643092	0.507	0.327	4.95E-167	MG-Transci	Usp2
Tmem50a1	1.40E-170	0.42249	0.824	0.646	3.43E-166	MG-Transci	Tmem50a
Cd531	1.27E-168	0.432182	0.778	0.611	3.12E-164	MG-Transci	Cd53
Grn2	1.45E-164	0.299428	0.986	0.837	3.55E-160	MG-Transci	Grn
Cebpa1	6.42E-163	0.853346	0.481	0.326	1.57E-158	MG-Transci	Cebpa
Hist1h1c	2.81E-162	0.992735	0.342	0.198	6.88E-158	MG-Transci	Hist1h1c
Abi32	3.74E-160	0.42723	0.736	0.551	9.16E-156	MG-Transci	Abi3
Nfkbiz1	9.22E-160	0.80824	0.392	0.24	2.26E-155	MG-Transci	Nfkbiz
Mylip2	1.11E-159	0.493234	0.653	0.473	2.71E-155	MG-Transci	Mylip
Adora31	7.07E-159	0.619959	0.425	0.258	1.73E-154	MG-Transci	Adora3
Tcn21	6.28E-158	0.450069	0.67	0.482	1.54E-153	MG-Transci	Tcn2
P2ry61	9.58E-158	0.412775	0.802	0.635	2.35E-153	MG-Transci	P2ry6
Scoc1	4.81E-157	0.434419	0.63	0.44	1.18E-152	MG-Transci	Scoc
Tex14	5.25E-157	1.006912	0.285	0.152	1.29E-152	MG-Transci	Tex14
Zfp36l2	3.09E-156	0.524438	0.675	0.505	7.57E-152	MG-Transci	Zfp36l2
Sirpa2	6.91E-156	0.30669	0.938	0.817	1.69E-151	MG-Transci	Sirpa
Calm21	1.25E-155	0.404724	0.802	0.652	3.06E-151	MG-Transci	Calm2
Cmtm61	3.14E-154	0.502622	0.605	0.435	7.68E-150	MG-Transci	Cmtm6
1700017BC	3.95E-152	0.623564	0.498	0.333	9.67E-148	MG-Transci	1700017B05Rik
Btg1	5.93E-151	0.46416	0.676	0.512	1.45E-146	MG-Transci	Btg1
Rhoh2	1.00E-149	0.499504	0.571	0.396	2.46E-145	MG-Transci	Rhoh
Man2b12	1.04E-149	0.347957	0.871	0.714	2.55E-145	MG-Transci	Man2b1

Cfh2	3.73E-149	0.316354	0.79	0.59	9.14E-145	MG-Transci Cfh
Gal3st41	4.81E-148	0.522219	0.513	0.334	1.18E-143	MG-Transci Gal3st4
Sox41	6.07E-147	0.960113	0.322	0.182	1.49E-142	MG-Transci Sox4
Adrb11	2.17E-146	0.798787	0.307	0.169	5.32E-142	MG-Transci Adrb1
Cxxc51	1.09E-145	0.568741	0.439	0.276	2.66E-141	MG-Transci Cxxc5
Plekho11	4.87E-145	0.449548	0.718	0.56	1.19E-140	MG-Transci Plekho1
Sall3	7.31E-145	0.842113	0.32	0.181	1.79E-140	MG-Transci Sall3
Cd682	1.55E-143	0.288329	0.929	0.736	3.79E-139	MG-Transci Cd68
Csnk1e1	3.27E-143	0.601065	0.522	0.365	8.00E-139	MG-Transci Csnk1e
Ccl41	6.97E-143	1.125081	0.308	0.176	1.71E-138	MG-Transci Ccl4
Rplp11	1.52E-142	0.274275	0.993	0.911	3.72E-138	MG-Transci Rplp1
Golm12	2.12E-140	0.346465	0.689	0.491	5.20E-136	MG-Transci Golm1
Ctsa2	2.68E-140	0.307137	0.934	0.766	6.55E-136	MG-Transci Ctsa
Camk12	2.91E-140	0.401359	0.722	0.54	7.13E-136	MG-Transci Camk1
Phyhd12	4.03E-138	0.316988	0.722	0.526	9.88E-134	MG-Transci Phyhd1
Rad51b1	3.52E-135	0.260382	0.614	0.429	8.61E-131	MG-Transci Rad51b
Tsc22d3	9.49E-133	0.842355	0.424	0.285	2.32E-128	MG-Transci Tsc22d3
Lair12	3.10E-130	0.287847	0.881	0.718	7.59E-126	MG-Transci Lair1
Mat2a	5.72E-130	0.751592	0.453	0.316	1.40E-125	MG-Transci Mat2a
Comt1	4.77E-127	0.368811	0.719	0.553	1.17E-122	MG-Transci Comt
Klk8	7.20E-127	0.871479	0.257	0.139	1.76E-122	MG-Transci Klk8
Smad71	9.23E-127	0.538806	0.453	0.303	2.26E-122	MG-Transci Smad7
Pla2g151	1.16E-126	0.419547	0.612	0.447	2.84E-122	MG-Transci Pla2g15
Zeb2os1	9.70E-126	0.625316	0.48	0.337	2.38E-121	MG-Transci Zeb2os
Cd332	1.51E-124	0.376476	0.692	0.527	3.70E-120	MG-Transci Cd33
Ctsh1	1.15E-123	0.313845	0.926	0.77	2.82E-119	MG-Transci Ctsh
Mtdh2	6.82E-123	0.311589	0.819	0.673	1.67E-118	MG-Transci Mtdh
Tmem176b	5.51E-120	0.262681	0.801	0.606	1.35E-115	MG-Transci Tmem176b
Fcgr2b	3.27E-119	0.337586	0.808	0.635	8.00E-115	MG-Transci Fcgr2b
Rgs2	5.08E-119	0.584177	0.521	0.381	1.24E-114	MG-Transci Rgs2
Otulinl2	1.58E-118	0.287105	0.822	0.668	3.88E-114	MG-Transci Otulinl
Rnf19b	1.73E-118	0.566835	0.435	0.299	4.23E-114	MG-Transci Rnf19b
Smap22	2.26E-117	0.260324	0.783	0.628	5.53E-113	MG-Transci Smap2
Ndfip11	8.24E-115	0.405453	0.698	0.561	2.02E-110	MG-Transci Ndfip1
Pmepa12	1.51E-114	0.286999	0.758	0.585	3.69E-110	MG-Transci Pmepa1
Arsb2	2.52E-114	0.325957	0.589	0.422	6.17E-110	MG-Transci Arsb
Icam11	2.57E-113	0.629953	0.467	0.328	6.30E-109	MG-Transci Icam1
Laptm4a1	1.42E-112	0.294887	0.877	0.718	3.47E-108	MG-Transci Laptm4a
Orai11	3.03E-112	0.425981	0.608	0.468	7.42E-108	MG-Transci Orai1
Ilgam2	3.80E-111	0.300652	0.774	0.621	9.31E-107	MG-Transci Ilgam
Rps291	2.41E-110	0.321101	0.969	0.84	5.91E-106	MG-Transci Rps29
Tagap	2.66E-110	0.72127	0.363	0.239	6.51E-106	MG-Transci Tagap
Ppfia42	4.27E-110	0.419704	0.632	0.479	1.05E-105	MG-Transci Ppfia4
Hps42	6.29E-110	0.447208	0.48	0.336	1.54E-105	MG-Transci Hps4

Rps6ka11	1.22E-109	0.391361	0.615	0.472	3.00E-105	MG-Transci	Rps6ka1
Tpst21	4.95E-109	0.361228	0.647	0.499	1.21E-104	MG-Transci	Tpst2
Tnfaip8l21	5.93E-109	0.451197	0.59	0.45	1.45E-104	MG-Transci	Tnfaip8l2
Fermt31	1.63E-108	0.375045	0.691	0.552	3.99E-104	MG-Transci	Fermt3
Lrrc31	2.13E-108	0.66508	0.289	0.17	5.21E-104	MG-Transci	Lrrc3
Daglb1	4.54E-108	0.355219	0.656	0.499	1.11E-103	MG-Transci	Daglb
Ppp1r10	1.66E-106	0.685812	0.327	0.207	4.08E-102	MG-Transci	Ppp1r10
Fcgr11	2.40E-106	0.315513	0.736	0.564	5.89E-102	MG-Transci	Fcgr1
Cd341	3.82E-106	0.652853	0.311	0.189	9.35E-102	MG-Transci	Cd34
Inka11	3.97E-106	0.712425	0.302	0.185	9.71E-102	MG-Transci	Inka1
Limd2	5.63E-106	0.345767	0.742	0.581	1.38E-101	MG-Transci	Limd2
Cyfp12	2.44E-105	0.28599	0.814	0.683	5.96E-101	MG-Transci	Cyfp1
Slc3a22	2.64E-105	0.367499	0.679	0.526	6.47E-101	MG-Transci	Slc3a2
Ntpcr1	4.90E-105	0.375514	0.628	0.475	1.20E-100	MG-Transci	Ntpcr
Ncf1	5.71E-104	0.372785	0.671	0.53	1.40E-99	MG-Transci	Ncf1
Tnfaip31	5.85E-104	0.783438	0.305	0.193	1.43E-99	MG-Transci	Tnfaip3
Tmem591	1.11E-103	0.303123	0.786	0.632	2.72E-99	MG-Transci	Tmem59
Anxa32	9.54E-102	0.296534	0.744	0.579	2.34E-97	MG-Transci	Anxa3
Arf4	1.62E-101	0.539775	0.564	0.439	3.96E-97	MG-Transci	Arf4
Edem21	1.87E-101	0.47984	0.494	0.362	4.58E-97	MG-Transci	Edem2
Gm433051	2.91E-101	0.516233	0.535	0.403	7.12E-97	MG-Transci	Gm43305
Vkorc12	1.89E-100	0.441237	0.545	0.408	4.63E-96	MG-Transci	Vkorc1
Cd300c22	2.12E-100	0.286219	0.874	0.709	5.18E-96	MG-Transci	Cd300c2
Mfng1	3.90E-100	0.612934	0.327	0.209	9.55E-96	MG-Transci	Mfng
Pros12	6.18E-100	0.312463	0.613	0.456	1.51E-95	MG-Transci	Pros1
Pmp221	6.38E-100	0.401304	0.49	0.337	1.56E-95	MG-Transci	Pmp22
Capn32	1.55E-98	0.301486	0.487	0.333	3.80E-94	MG-Transci	Capn3
Pdia31	9.28E-98	0.277854	0.863	0.7	2.27E-93	MG-Transci	Pdia3
Arl4c1	5.36E-97	0.609145	0.423	0.301	1.31E-92	MG-Transci	Arl4c
Cryba42	5.74E-96	0.572506	0.382	0.258	1.41E-91	MG-Transci	Cryba4
Tmx4	6.61E-96	0.796253	0.295	0.185	1.62E-91	MG-Transci	Tmx4
Mcl1	1.69E-95	0.358687	0.667	0.525	4.14E-91	MG-Transci	Mcl1
Tspan72	4.48E-95	0.322512	0.524	0.376	1.10E-90	MG-Transci	Tspan7
Clic11	4.97E-91	0.277852	0.896	0.741	1.22E-86	MG-Transci	Clic1
Slc46a11	1.05E-90	0.643463	0.306	0.196	2.56E-86	MG-Transci	Slc46a1
Bmyc1	2.12E-90	0.446773	0.493	0.368	5.18E-86	MG-Transci	Bmyc
Ppcdc2	2.75E-90	0.328488	0.52	0.377	6.74E-86	MG-Transci	Ppcdc
Rogdi1	1.08E-89	0.425306	0.487	0.36	2.65E-85	MG-Transci	Rogdi
Snn1	2.96E-89	0.545784	0.304	0.192	7.24E-85	MG-Transci	Snn
Zfp7061	3.20E-89	0.352115	0.62	0.489	7.83E-85	MG-Transci	Zfp706
Ypel31	1.18E-88	0.29086	0.707	0.565	2.88E-84	MG-Transci	Ypel3
Tmbim61	7.47E-88	0.261657	0.904	0.764	1.83E-83	MG-Transci	Tmbim6
Atraid1	1.31E-87	0.419543	0.509	0.386	3.22E-83	MG-Transci	Atraid
Commd81	2.71E-87	0.492664	0.439	0.322	6.63E-83	MG-Transci	Commd8

Tmem86a2	2.73E-87	0.349499	0.607	0.456	6.68E-83	MG-Transci	Tmem86a
Rab3il12	3.32E-87	0.365999	0.538	0.406	8.14E-83	MG-Transci	Rab3il1
Tmem371	6.60E-87	0.533201	0.386	0.268	1.62E-82	MG-Transci	Tmem37
Gpr1832	1.19E-85	0.486732	0.458	0.33	2.91E-81	MG-Transci	Gpr183
Mzt2	5.84E-85	0.683711	0.285	0.183	1.43E-80	MG-Transci	Mzt2
Irf1	1.75E-84	0.741434	0.427	0.318	4.28E-80	MG-Transci	Irf1
Cebpd1	1.04E-83	0.539594	0.388	0.269	2.55E-79	MG-Transci	Cebpd
Wsb11	1.85E-83	0.384301	0.48	0.357	4.53E-79	MG-Transci	Wsb1
Hspa5	2.15E-83	0.302763	0.768	0.632	5.27E-79	MG-Transci	Hspa5
Ccl31	7.08E-83	1.125167	0.278	0.182	1.73E-78	MG-Transci	Ccl3
Cd1641	7.63E-83	0.297222	0.562	0.427	1.87E-78	MG-Transci	Cd164
Spint12	8.62E-83	0.413989	0.444	0.314	2.11E-78	MG-Transci	Spint1
Tpp12	9.87E-83	0.341533	0.6	0.457	2.42E-78	MG-Transci	Tpp1
H2-M31	1.11E-82	0.45134	0.517	0.405	2.71E-78	MG-Transci	H2-M3
Skil1	2.07E-81	0.400793	0.452	0.333	5.08E-77	MG-Transci	Skil
Rnf131	2.47E-81	0.26061	0.7	0.569	6.05E-77	MG-Transci	Rnf13
Irf2bp2	5.93E-81	0.429321	0.551	0.437	1.45E-76	MG-Transci	Irf2bp2
Klf6	1.39E-80	0.447011	0.478	0.359	3.39E-76	MG-Transci	Klf6
Snx182	1.75E-80	0.337434	0.535	0.408	4.29E-76	MG-Transci	Snx18
Ergic32	9.56E-80	0.347869	0.586	0.463	2.34E-75	MG-Transci	Ergic3
Fmnl32	1.05E-78	0.252195	0.541	0.404	2.56E-74	MG-Transci	Fmnl3
Efhd21	2.12E-78	0.299192	0.74	0.604	5.19E-74	MG-Transci	Efhd2
Asah11	2.21E-78	0.26358	0.795	0.658	5.41E-74	MG-Transci	Asah1
Slc35b21	1.19E-77	0.472798	0.432	0.323	2.91E-73	MG-Transci	Slc35b2
Slc12a92	1.91E-77	0.416387	0.443	0.327	4.67E-73	MG-Transci	Slc12a9
Papss11	7.77E-76	0.543861	0.331	0.227	1.90E-71	MG-Transci	Papss1
Klf2	1.41E-75	0.9168	0.315	0.217	3.45E-71	MG-Transci	Klf2
Sgce1	2.12E-75	0.40718	0.354	0.242	5.18E-71	MG-Transci	Sgce
Cep85	2.56E-75	0.622876	0.385	0.28	6.26E-71	MG-Transci	Cep85
Gnas1	7.98E-75	0.324755	0.825	0.717	1.95E-70	MG-Transci	Gnas
Slc16a62	7.72E-74	0.311332	0.413	0.294	1.89E-69	MG-Transci	Slc16a6
Ang1	1.23E-73	0.471581	0.414	0.303	3.02E-69	MG-Transci	Ang
Cirbp1	2.51E-72	0.49088	0.383	0.278	6.14E-68	MG-Transci	Cirbp
Rpn21	2.88E-72	0.291918	0.637	0.511	7.06E-68	MG-Transci	Rpn2
Tmed51	3.05E-72	0.407858	0.476	0.368	7.47E-68	MG-Transci	Tmed5
Rnaset2b1	5.37E-72	0.340537	0.538	0.417	1.32E-67	MG-Transci	Rnaset2b
Rlim1	4.23E-71	0.597911	0.338	0.242	1.03E-66	MG-Transci	Rlim
Rab141	1.59E-70	0.303988	0.659	0.547	3.90E-66	MG-Transci	Rab14
Phgdh1	1.81E-70	0.549869	0.273	0.179	4.44E-66	MG-Transci	Phgdh
Adam151	2.02E-69	0.367228	0.466	0.355	4.94E-65	MG-Transci	Adam15
H1f0	2.77E-68	1.115249	0.297	0.211	6.77E-64	MG-Transci	H1f0
Snx171	1.54E-67	0.441231	0.433	0.336	3.77E-63	MG-Transci	Snx17
Tuba1a1	5.11E-67	0.49981	0.339	0.241	1.25E-62	MG-Transci	Tuba1a
Slc29a11	7.77E-67	0.443147	0.368	0.268	1.90E-62	MG-Transci	Slc29a1

Cyb561a31	1.03E-66	0.430301	0.393	0.288	2.51E-62	MG-Transci	Cyb561a3
C3ar11	2.86E-66	0.31657	0.542	0.412	7.01E-62	MG-Transci	C3ar1
Rgs11	1.35E-63	0.406931	0.329	0.227	3.30E-59	MG-Transci	Rgs1
Sipa12	1.39E-63	0.349908	0.434	0.33	3.41E-59	MG-Transci	Sipa1
Gpr841	3.69E-63	0.559589	0.307	0.212	9.04E-59	MG-Transci	Gpr84
Mlxipl1	4.33E-62	0.343177	0.294	0.196	1.06E-57	MG-Transci	Mlxipl
Eif4a11	9.01E-62	0.268966	0.696	0.561	2.21E-57	MG-Transci	Eif4a1
Ptp4a31	1.68E-61	0.396015	0.373	0.276	4.11E-57	MG-Transci	Ptp4a3
Slc29a32	4.44E-61	0.271295	0.565	0.45	1.09E-56	MG-Transci	Slc29a3
Kcnk62	7.36E-61	0.364252	0.348	0.247	1.80E-56	MG-Transci	Kcnk6
Mid1ip1	3.39E-60	0.53289	0.299	0.211	8.30E-56	MG-Transci	Mid1ip1
Pdgfb2	3.90E-60	0.36117	0.361	0.261	9.54E-56	MG-Transci	Pdgfb
Cd821	4.94E-60	0.348997	0.469	0.368	1.21E-55	MG-Transci	Cd82
Pip4p11	7.81E-60	0.274617	0.556	0.452	1.91E-55	MG-Transci	Pip4p1
Pcbp11	2.27E-59	0.289641	0.631	0.516	5.56E-55	MG-Transci	Pcbp1
Atp6ap12	4.73E-59	0.278632	0.608	0.496	1.16E-54	MG-Transci	Atp6ap1
Bcap311	8.96E-59	0.324966	0.54	0.438	2.19E-54	MG-Transci	Bcap31
Plod31	3.04E-57	0.401141	0.413	0.319	7.45E-53	MG-Transci	Plod3
Fez22	4.56E-57	0.389038	0.364	0.271	1.12E-52	MG-Transci	Fez2
Klf31	5.35E-57	0.259396	0.509	0.403	1.31E-52	MG-Transci	Klf3
Lpcat32	5.38E-57	0.317205	0.421	0.319	1.32E-52	MG-Transci	Lpcat3
Tnfrsf1a1	1.14E-56	0.311422	0.542	0.441	2.78E-52	MG-Transci	Tnfrsf1a
Arl102	2.37E-56	0.417024	0.324	0.234	5.82E-52	MG-Transci	Arl10
Ociad11	4.20E-56	0.299015	0.539	0.441	1.03E-51	MG-Transci	Ociad1
Med12l	5.75E-56	0.437797	0.259	0.174	1.41E-51	MG-Transci	Med12l
Gna152	6.69E-56	0.26252	0.473	0.368	1.64E-51	MG-Transci	Gna15
H2-Oa1	6.99E-56	0.334229	0.427	0.316	1.71E-51	MG-Transci	H2-Oa
Paqr7	1.00E-55	0.553552	0.251	0.171	2.45E-51	MG-Transci	Paqr7
Slc11a11	1.52E-55	0.250458	0.616	0.483	3.72E-51	MG-Transci	Slc11a1
Selenos1	1.85E-55	0.364789	0.461	0.368	4.52E-51	MG-Transci	Selenos
Tspan42	4.48E-55	0.415225	0.33	0.24	1.10E-50	MG-Transci	Tspan4
Tmed91	1.29E-54	0.271258	0.571	0.47	3.16E-50	MG-Transci	Tmed9
Tnfrsf13b	2.22E-54	0.516276	0.294	0.211	5.43E-50	MG-Transci	Tnfrsf13b
Map112	4.22E-54	0.331375	0.422	0.327	1.03E-49	MG-Transci	Map11
Plod11	5.46E-54	0.346092	0.39	0.295	1.34E-49	MG-Transci	Plod1
Tecr1	1.21E-53	0.263922	0.564	0.464	2.98E-49	MG-Transci	Tecr
Iffo12	1.41E-53	0.304762	0.326	0.232	3.45E-49	MG-Transci	Iffo1
Rel	5.30E-53	0.390083	0.371	0.281	1.30E-48	MG-Transci	Rel
Irf5	2.14E-52	0.266012	0.565	0.461	5.25E-48	MG-Transci	Irf5
Arhgef401	5.76E-52	0.287522	0.258	0.171	1.41E-47	MG-Transci	Arhgef40
Il21r2	9.54E-52	0.30466	0.467	0.367	2.34E-47	MG-Transci	Il21r
Adprh1	2.15E-51	0.435832	0.38	0.297	5.26E-47	MG-Transci	Adprh
Parvg1	2.71E-51	0.433391	0.333	0.248	6.63E-47	MG-Transci	Parvg
Lmo21	3.66E-51	0.267872	0.548	0.446	8.97E-47	MG-Transci	Lmo2

Zfand51	4.03E-51	0.340062	0.424	0.334	9.88E-47	MG-Transci	Zfand5
Srsf91	4.61E-51	0.288143	0.559	0.464	1.13E-46	MG-Transci	Srsf9
Rnf1671	1.23E-50	0.362283	0.347	0.259	3.01E-46	MG-Transci	Rnf167
Rasal32	2.53E-50	0.358686	0.339	0.251	6.19E-46	MG-Transci	Rasal3
Ppp1r18	4.63E-49	0.262626	0.563	0.465	1.13E-44	MG-Transci	Ppp1r18
Khk	1.70E-48	0.486898	0.283	0.207	4.17E-44	MG-Transci	Khk
Twf21	2.55E-48	0.303311	0.508	0.419	6.25E-44	MG-Transci	Twf2
Abhd61	6.35E-48	0.401154	0.294	0.213	1.55E-43	MG-Transci	Abhd6
Naglu2	7.73E-48	0.372796	0.378	0.291	1.89E-43	MG-Transci	Naglu
H2-Q41	2.91E-47	0.313425	0.53	0.431	7.13E-43	MG-Transci	H2-Q4
Leprot1	4.79E-47	0.391573	0.413	0.332	1.17E-42	MG-Transci	Leprot
Cebpz2	7.99E-47	0.369273	0.365	0.283	1.96E-42	MG-Transci	Cebpz
Nars1	1.06E-46	0.344094	0.413	0.328	2.60E-42	MG-Transci	Nars
Cd3021	1.39E-46	0.326473	0.426	0.339	3.40E-42	MG-Transci	Cd302
ldh21	4.82E-46	0.361257	0.373	0.29	1.18E-41	MG-Transci	ldh2
Lpar62	6.28E-46	0.299511	0.37	0.28	1.54E-41	MG-Transci	Lpar6
Tubb2a1	9.46E-46	0.38256	0.33	0.248	2.32E-41	MG-Transci	Tubb2a
H2-Q71	9.56E-46	0.252237	0.584	0.473	2.34E-41	MG-Transci	H2-Q7
Ccng21	1.76E-45	0.415296	0.252	0.177	4.32E-41	MG-Transci	Ccng2
Nucb12	1.79E-45	0.291175	0.461	0.372	4.38E-41	MG-Transci	Nucb1
Gatm1	3.95E-45	0.293235	0.486	0.385	9.66E-41	MG-Transci	Gatm
Acp21	9.34E-45	0.295494	0.429	0.34	2.29E-40	MG-Transci	Acp2
Akr1b101	1.40E-44	0.4243	0.303	0.227	3.43E-40	MG-Transci	Akr1b10
B4galt41	2.68E-44	0.360581	0.271	0.194	6.55E-40	MG-Transci	B4galt4
Tifa	2.82E-44	0.40558	0.347	0.269	6.91E-40	MG-Transci	Tifa
Srsf21	2.89E-44	0.281066	0.526	0.439	7.07E-40	MG-Transci	Srsf2
Evi2a1	5.20E-44	0.428303	0.362	0.285	1.27E-39	MG-Transci	Evi2a
Smox2	1.64E-43	0.287548	0.359	0.276	4.01E-39	MG-Transci	Smox
Os92	3.54E-43	0.257691	0.51	0.42	8.67E-39	MG-Transci	Os9
Hhex	5.50E-43	0.494884	0.263	0.192	1.35E-38	MG-Transci	Hhex
Ccnl11	2.29E-42	0.289845	0.419	0.338	5.62E-38	MG-Transci	Ccnl1
Slc46a31	2.78E-42	0.324117	0.304	0.225	6.80E-38	MG-Transci	Slc46a3
Tmem1091	3.34E-42	0.446302	0.306	0.235	8.19E-38	MG-Transci	Tmem109
Cebpzos2	4.10E-42	0.361636	0.394	0.315	1.00E-37	MG-Transci	Cebpzos
Rab11a	4.99E-42	0.27321	0.506	0.421	1.22E-37	MG-Transci	Rab11a
Ube2j12	6.16E-42	0.34332	0.371	0.291	1.51E-37	MG-Transci	Ube2j1
Sun21	1.02E-41	0.322264	0.332	0.252	2.51E-37	MG-Transci	Sun2
Ncstn1	2.26E-41	0.27817	0.484	0.398	5.53E-37	MG-Transci	Ncstn
Alg51	6.04E-41	0.437569	0.315	0.246	1.48E-36	MG-Transci	Alg5
Rgmb2	1.39E-40	0.342108	0.321	0.244	3.41E-36	MG-Transci	Rgmb
Pura1	1.62E-40	0.314708	0.406	0.328	3.96E-36	MG-Transci	Pura
H2-Q6	1.68E-40	0.309764	0.459	0.376	4.11E-36	MG-Transci	H2-Q6
Lysmd4	3.83E-40	0.36492	0.255	0.183	9.39E-36	MG-Transci	Lysmd4
Pon32	6.26E-40	0.327071	0.33	0.252	1.53E-35	MG-Transci	Pon3

Abhd17c	1.58E-39	0.340116	0.26	0.189	3.88E-35	MG-Transci	Abhd17c
Ptpro1	2.83E-39	0.296442	0.405	0.322	6.92E-35	MG-Transci	Ptpro
Ldb12	4.08E-39	0.275037	0.377	0.299	9.98E-35	MG-Transci	Ldb1
St6galnac4	1.63E-38	0.331664	0.373	0.297	3.98E-34	MG-Transci	St6galnac4
Emc101	2.59E-38	0.36742	0.408	0.336	6.34E-34	MG-Transci	Emc10
Hvcn12	3.16E-38	0.30056	0.379	0.3	7.74E-34	MG-Transci	Hvcn1
Lactb	3.70E-38	0.415504	0.256	0.189	9.07E-34	MG-Transci	Lactb
Pttg1ip1	4.01E-38	0.332702	0.339	0.268	9.82E-34	MG-Transci	Pttg1ip
Clcn4	4.39E-38	0.418406	0.273	0.206	1.07E-33	MG-Transci	Clcn4
Rnaset2a1	5.29E-38	0.316312	0.408	0.33	1.30E-33	MG-Transci	Rnaset2a
Mboat7	2.42E-37	0.42173	0.272	0.205	5.92E-33	MG-Transci	Mboat7
Tox41	2.89E-37	0.414519	0.333	0.265	7.08E-33	MG-Transci	Tox4
Ddx3x	6.25E-37	0.266525	0.36	0.288	1.53E-32	MG-Transci	Ddx3x
Man2b22	1.02E-36	0.327085	0.368	0.293	2.50E-32	MG-Transci	Man2b2
Cops41	1.14E-36	0.381904	0.299	0.233	2.78E-32	MG-Transci	Cops4
Mgat12	4.85E-36	0.27754	0.345	0.271	1.19E-31	MG-Transci	Mgat1
Xbp11	9.08E-36	0.312169	0.446	0.372	2.22E-31	MG-Transci	Xbp1
Il161	9.09E-36	0.289737	0.332	0.259	2.23E-31	MG-Transci	Il16
Ndfip22	9.50E-36	0.290715	0.329	0.257	2.33E-31	MG-Transci	Ndfip2
Tm2d3	4.40E-35	0.388691	0.284	0.219	1.08E-30	MG-Transci	Tm2d3
Emc71	1.12E-34	0.286454	0.417	0.347	2.75E-30	MG-Transci	Emc7
Cnot81	1.20E-34	0.364066	0.32	0.255	2.95E-30	MG-Transci	Cnot8
Acox3	1.28E-34	0.349082	0.272	0.205	3.12E-30	MG-Transci	Acox3
Tmed71	2.21E-34	0.302525	0.389	0.321	5.42E-30	MG-Transci	Tmed7
Chka	4.30E-34	0.406773	0.258	0.194	1.05E-29	MG-Transci	Chka
Ebi3	1.47E-33	0.377821	0.335	0.269	3.60E-29	MG-Transci	Ebi3
Naa352	1.74E-33	0.293556	0.315	0.247	4.26E-29	MG-Transci	Naa35
Rgs191	4.26E-33	0.301082	0.397	0.329	1.04E-28	MG-Transci	Rgs19
Gpr146	6.15E-33	0.38769	0.277	0.214	1.50E-28	MG-Transci	Gpr146
Tspan311	1.19E-32	0.352619	0.349	0.285	2.90E-28	MG-Transci	Tspan31
Eng1	2.43E-32	0.251529	0.276	0.208	5.96E-28	MG-Transci	Eng
Derl11	2.59E-32	0.272597	0.42	0.353	6.35E-28	MG-Transci	Derl1
Sh3bp1	2.82E-32	0.306452	0.373	0.306	6.92E-28	MG-Transci	Sh3bp1
Slc50a11	3.51E-32	0.273113	0.388	0.319	8.59E-28	MG-Transci	Slc50a1
Hsd17b4	5.05E-32	0.285548	0.318	0.252	1.24E-27	MG-Transci	Hsd17b4
Asb21	1.00E-31	0.331494	0.265	0.2	2.46E-27	MG-Transci	Asb2
Mafg1	1.62E-31	0.282757	0.307	0.241	3.96E-27	MG-Transci	Mafg
0610010K1	1.65E-31	0.396411	0.313	0.253	4.04E-27	MG-Transci	0610010K14Rik
Mcfd21	2.23E-31	0.329404	0.34	0.275	5.47E-27	MG-Transci	Mcfd2
Dcakd1	3.20E-31	0.281093	0.311	0.246	7.85E-27	MG-Transci	Dcakd
Pold41	3.56E-31	0.255894	0.44	0.365	8.71E-27	MG-Transci	Pold4
Pdia42	6.00E-31	0.275923	0.386	0.317	1.47E-26	MG-Transci	Pdia4
Ppt2	8.29E-31	0.393875	0.307	0.248	2.03E-26	MG-Transci	Ppt2
Pdlim42	2.92E-30	0.300546	0.321	0.257	7.15E-26	MG-Transci	Pdlim4

Nagpa1	3.88E-30	0.344555	0.32	0.26	9.49E-26	MG-Transci Nagpa
Usp211	6.22E-30	0.365526	0.251	0.192	1.52E-25	MG-Transci Usp21
Atf4	7.71E-30	0.473323	0.263	0.207	1.89E-25	MG-Transci Atf4
Tmco11	1.14E-29	0.288765	0.371	0.309	2.80E-25	MG-Transci Tmco1
Tmem331	2.92E-29	0.314961	0.331	0.271	7.14E-25	MG-Transci Tmem33
Polr2a	3.78E-29	0.341992	0.322	0.262	9.26E-25	MG-Transci Polr2a
Txndc151	7.39E-28	0.293246	0.345	0.286	1.81E-23	MG-Transci Txndc15
Lat21	4.37E-27	0.272564	0.372	0.308	1.07E-22	MG-Transci Lat2
Taz2	4.56E-27	0.298762	0.3	0.241	1.12E-22	MG-Transci Taz
Vps37b	7.85E-27	0.260047	0.258	0.2	1.92E-22	MG-Transci Vps37b
Lman11	8.03E-26	0.306212	0.296	0.24	1.97E-21	MG-Transci Lman1
Bcl10	9.04E-26	0.34431	0.314	0.259	2.21E-21	MG-Transci Bcl10
Tmem9b2	1.17E-25	0.29102	0.343	0.286	2.87E-21	MG-Transci Tmem9b
Lyl11	4.41E-25	0.305207	0.291	0.235	1.08E-20	MG-Transci Lyl1
Ctso	6.06E-25	0.294	0.257	0.202	1.48E-20	MG-Transci Ctso
Vmp11	1.23E-24	0.277513	0.328	0.274	3.02E-20	MG-Transci Vmp1
Unc501	2.25E-24	0.339328	0.32	0.269	5.51E-20	MG-Transci Unc50
Ddx501	2.62E-24	0.340168	0.295	0.242	6.41E-20	MG-Transci Ddx50
Rela	3.67E-24	0.367488	0.271	0.221	8.99E-20	MG-Transci Rela
Creb31	4.29E-24	0.378084	0.298	0.249	1.05E-19	MG-Transci Creb3
Slc15a4	3.57E-23	0.275961	0.276	0.224	8.75E-19	MG-Transci Slc15a4
Puf60	3.86E-23	0.261833	0.335	0.284	9.45E-19	MG-Transci Puf60
Trim81	4.65E-23	0.27915	0.281	0.23	1.14E-18	MG-Transci Trim8
Cited2	6.16E-23	0.476631	0.341	0.29	1.51E-18	MG-Transci Cited2
Ptov1	1.43E-22	0.256136	0.255	0.205	3.50E-18	MG-Transci Ptov1
Gps21	2.00E-22	0.27147	0.325	0.275	4.90E-18	MG-Transci Gps2
Ccdc47	2.66E-22	0.270594	0.268	0.217	6.52E-18	MG-Transci Ccdc47
Maf11	3.27E-22	0.333934	0.301	0.253	8.00E-18	MG-Transci Maf1
Rab5a1	8.53E-22	0.277758	0.282	0.232	2.09E-17	MG-Transci Rab5a
Cldnd11	3.44E-21	0.324139	0.266	0.218	8.42E-17	MG-Transci Cldnd1
Tmem128	5.42E-21	0.283932	0.329	0.28	1.33E-16	MG-Transci Tmem128
Cklf1	6.11E-21	0.284303	0.295	0.245	1.50E-16	MG-Transci Cklf
Ccdc107	8.57E-21	0.329687	0.262	0.215	2.10E-16	MG-Transci Ccdc107
Ythdf22	1.07E-20	0.257269	0.294	0.245	2.62E-16	MG-Transci Ythdf2
Srsf61	1.60E-20	0.251495	0.333	0.284	3.92E-16	MG-Transci Srsf6
Emc31	2.14E-20	0.250495	0.286	0.236	5.24E-16	MG-Transci Emc3
2510039O1	5.47E-19	0.277801	0.263	0.218	1.34E-14	MG-Transci 2510039O18Rik
Cyp4v31	4.51E-18	0.278656	0.284	0.239	1.10E-13	MG-Transci Cyp4v3
Hnrnpa0	4.53E-18	0.262057	0.325	0.282	1.11E-13	MG-Transci Hnrnpa0
Yif1b2	9.52E-18	0.255115	0.315	0.271	2.33E-13	MG-Transci Yif1b
E330020D1	9.80E-17	0.294686	0.301	0.252	2.40E-12	MG-Transci E330020D12Rik
Tmem50b	1.49E-16	0.263845	0.28	0.237	3.64E-12	MG-Transci Tmem50b
Snhg8	3.01E-16	0.346213	0.251	0.213	7.38E-12	MG-Transci Snhg8
Ebp1	2.49E-13	0.271786	0.291	0.257	6.09E-09	MG-Transci Ebp

Cmtm31	5.30E-13	0.251749	0.323	0.287	1.30E-08	MG-Transci	Cmtm3
Mfsd51	9.46E-12	0.262072	0.284	0.253	2.32E-07	MG-Transci	Mfsd5
Lag33	0	0.852273	0.756	0.52	0	MG-Phago	Lag3
Ctsl3	0	0.666515	0.929	0.734	0	MG-Phago	Ctsl
Cd813	0	0.711434	0.978	0.793	0	MG-Phago	Cd81
Trem23	0	0.616447	0.967	0.783	0	MG-Phago	Trem2
C1qa3	0	0.627974	0.998	0.861	0	MG-Phago	C1qa
C1qc3	0	0.580435	0.997	0.863	0	MG-Phago	C1qc
Ctsz1	0	0.587296	0.977	0.844	0	MG-Phago	Ctsz
C1qb3	0	0.613158	0.999	0.879	0	MG-Phago	C1qb
Grn3	0	0.569089	0.961	0.844	0	MG-Phago	Grn
Rpl211	0	0.581773	0.979	0.883	0	MG-Phago	Rpl21
Ctsd2	0	0.656477	0.996	0.901	0	MG-Phago	Ctsd
Ctsb1	0	0.584806	0.987	0.897	0	MG-Phago	Ctsb
Tyrobp1	0	0.499609	0.995	0.908	0	MG-Phago	Tyrobp
B2m1	0	0.49358	0.983	0.901	0	MG-Phago	B2m
Rplp12	0	0.543651	0.989	0.913	0	MG-Phago	Rplp1
H2-D11	0	0.55087	0.972	0.897	0	MG-Phago	H2-D1
Ly863	0	0.517272	0.979	0.907	0	MG-Phago	Ly86
Ctss3	0	0.735695	0.992	0.927	0	MG-Phago	Ctss
Psap1	0	0.443061	0.987	0.942	0	MG-Phago	Psap
Itm2b3	0	0.592501	0.997	0.952	0	MG-Phago	Itm2b
Hexb2	0	0.479911	0.998	0.969	0	MG-Phago	Hexb
Fau1	2.08E-279	0.485511	0.996	0.934	5.10E-275	MG-Phago	Fau
Lgmn2	3.62E-271	0.443491	0.976	0.893	8.85E-267	MG-Phago	Lgmn
Rpl301	1.52E-270	0.505389	0.98	0.889	3.73E-266	MG-Phago	Rpl30
Cst32	5.33E-269	0.457984	1	0.986	1.31E-264	MG-Phago	Cst3
Rps121	4.24E-260	0.550565	0.963	0.859	1.04E-255	MG-Phago	Rps12
Fcgr33	1.43E-257	0.540427	0.91	0.768	3.50E-253	MG-Phago	Fcgr3
Rps4x1	1.71E-255	0.546421	0.978	0.87	4.19E-251	MG-Phago	Rps4x
Rpl27a1	8.66E-254	0.514913	0.98	0.881	2.12E-249	MG-Phago	Rpl27a
Rps111	5.24E-248	0.488504	0.983	0.887	1.28E-243	MG-Phago	Rps11
Eef1a11	1.74E-238	0.514849	0.996	0.938	4.26E-234	MG-Phago	Eef1a1
Rpl391	1.20E-237	0.521861	0.938	0.81	2.95E-233	MG-Phago	Rpl39
Cd93	6.66E-236	0.538052	0.91	0.735	1.63E-231	MG-Phago	Cd9
Rps292	4.26E-235	0.514087	0.951	0.845	1.04E-230	MG-Phago	Rps29
Rps201	9.71E-234	0.506689	0.976	0.872	2.38E-229	MG-Phago	Rps20
Lgals3bp1	2.29E-232	0.715959	0.727	0.516	5.60E-228	MG-Phago	Lgals3bp
Lamp11	6.34E-232	0.489351	0.932	0.813	1.55E-227	MG-Phago	Lamp1
Fcer1g1	1.96E-230	0.386845	0.994	0.896	4.80E-226	MG-Phago	Fcer1g
Rps211	3.91E-222	0.509261	0.938	0.823	9.57E-218	MG-Phago	Rps21
Rpl18a1	1.93E-221	0.470615	0.982	0.892	4.72E-217	MG-Phago	Rpl18a
Rps91	4.30E-220	0.453114	0.989	0.904	1.05E-215	MG-Phago	Rps9
Olfml32	1.18E-219	0.526671	0.873	0.673	2.89E-215	MG-Phago	Olfml3

Laptm52	4.52E-215	0.385638	0.954	0.893	1.11E-210	MG-Phago	Laptm5
Rpl35a1	1.57E-214	0.448153	0.972	0.876	3.85E-210	MG-Phago	Rpl35a
Rpl321	1.68E-213	0.49551	0.972	0.856	4.11E-209	MG-Phago	Rpl32
Rps27a1	7.57E-211	0.460759	0.985	0.9	1.85E-206	MG-Phago	Rps27a
Rps241	1.49E-206	0.414472	0.989	0.923	3.64E-202	MG-Phago	Rps24
Gng102	1.33E-204	0.648675	0.78	0.617	3.25E-200	MG-Phago	Gng10
Rpl37a1	9.17E-202	0.45924	0.955	0.844	2.25E-197	MG-Phago	Rpl37a
H2-Oa2	1.91E-199	1.105739	0.495	0.311	4.69E-195	MG-Phago	H2-Oa
Sparc2	6.22E-197	0.431393	0.924	0.732	1.52E-192	MG-Phago	Sparc
Rps101	1.70E-196	0.469985	0.977	0.883	4.16E-192	MG-Phago	Rps10
H2-K11	4.69E-196	0.477476	0.937	0.875	1.15E-191	MG-Phago	H2-K1
Rpl231	4.19E-195	0.465054	0.976	0.873	1.03E-190	MG-Phago	Rpl23
Crybb12	9.22E-195	0.708879	0.69	0.493	2.26E-190	MG-Phago	Crybb1
Rpl111	2.20E-194	0.464593	0.973	0.867	5.39E-190	MG-Phago	Rpl11
Ly6e	1.56E-190	0.405527	0.962	0.855	3.83E-186	MG-Phago	Ly6e
Serpine23	3.26E-190	0.581786	0.772	0.572	7.99E-186	MG-Phago	Serpine2
Rps231	1.09E-188	0.454747	0.956	0.845	2.67E-184	MG-Phago	Rps23
Rps261	8.18E-188	0.474733	0.941	0.81	2.00E-183	MG-Phago	Rps26
Rpl131	4.93E-187	0.410911	0.988	0.913	1.21E-182	MG-Phago	Rpl13
Selenop2	8.57E-186	0.478693	0.941	0.805	2.10E-181	MG-Phago	Selenop
Rps81	1.30E-185	0.437429	0.979	0.893	3.18E-181	MG-Phago	Rps8
Rpl371	3.92E-185	0.434212	0.947	0.842	9.60E-181	MG-Phago	Rpl37
Rpl10a1	6.06E-184	0.536986	0.936	0.804	1.48E-179	MG-Phago	Rpl10a
Rpl351	1.92E-181	0.484034	0.9	0.763	4.71E-177	MG-Phago	Rpl35
Rps15a1	9.01E-181	0.446404	0.961	0.846	2.21E-176	MG-Phago	Rps15a
Rps3a11	1.14E-175	0.442314	0.972	0.875	2.79E-171	MG-Phago	Rps3a1
Ctsa3	5.14E-172	0.461203	0.888	0.775	1.26E-167	MG-Phago	Ctsa
Npc21	2.60E-170	0.432798	0.946	0.797	6.36E-166	MG-Phago	Npc2
Rps71	1.97E-169	0.427613	0.965	0.857	4.82E-165	MG-Phago	Rps7
Rpl411	1.49E-168	0.375786	0.974	0.896	3.65E-164	MG-Phago	Rpl41
Rpl191	7.42E-168	0.425016	0.981	0.881	1.82E-163	MG-Phago	Rpl19
Ssr41	1.42E-167	0.619268	0.769	0.634	3.48E-163	MG-Phago	Ssr4
Aif11	5.13E-167	0.519365	0.844	0.69	1.26E-162	MG-Phago	Aif1
Rpl61	8.45E-167	0.476092	0.937	0.818	2.07E-162	MG-Phago	Rpl6
Pld42	4.73E-164	0.468384	0.852	0.744	1.16E-159	MG-Phago	Pld4
Rplp01	2.20E-160	0.427379	0.955	0.831	5.39E-156	MG-Phago	Rplp0
Man2b13	2.02E-157	0.516808	0.823	0.723	4.95E-153	MG-Phago	Man2b1
Ldhb3	7.49E-155	0.632004	0.694	0.525	1.83E-150	MG-Phago	Ldhb
Rps131	9.29E-154	0.413486	0.951	0.839	2.27E-149	MG-Phago	Rps13
Rpl261	4.29E-152	0.436247	0.935	0.818	1.05E-147	MG-Phago	Rpl26
Rpl33	4.96E-150	0.491137	0.914	0.782	1.22E-145	MG-Phago	Rpl3
Rpl341	1.26E-149	0.387073	0.944	0.834	3.08E-145	MG-Phago	Rpl34
Rgs102	1.46E-149	0.417462	0.897	0.796	3.58E-145	MG-Phago	Rgs10
Rps51	2.16E-149	0.402111	0.962	0.842	5.28E-145	MG-Phago	Rps5

Ctsh2	4.62E-148	0.423358	0.872	0.78	1.13E-143	MG-Phago	Ctsh
Cd631	1.86E-146	0.523809	0.79	0.607	4.56E-142	MG-Phago	Cd63
Itm2c3	1.45E-143	0.474617	0.794	0.677	3.55E-139	MG-Phago	Itm2c
Rpl291	1.89E-143	0.467311	0.916	0.789	4.63E-139	MG-Phago	Rpl29
Cd741	2.64E-142	0.578062	0.884	0.763	6.46E-138	MG-Phago	Cd74
Rps161	2.08E-138	0.380661	0.97	0.873	5.11E-134	MG-Phago	Rps16
Rpl121	1.43E-135	0.522305	0.825	0.685	3.51E-131	MG-Phago	Rpl12
Serinc32	3.47E-133	0.319254	0.93	0.895	8.51E-129	MG-Phago	Serinc3
Rps271	3.10E-132	0.39169	0.887	0.773	7.59E-128	MG-Phago	Rps27
Rpl91	5.13E-132	0.377299	0.962	0.867	1.26E-127	MG-Phago	Rpl9
Rpl221	1.68E-131	0.441502	0.867	0.736	4.11E-127	MG-Phago	Rpl22
Rpl13a1	2.52E-131	0.447711	0.899	0.783	6.18E-127	MG-Phago	Rpl13a
Rplp21	1.98E-130	0.408023	0.906	0.791	4.84E-126	MG-Phago	Rplp2
Rpl361	3.79E-130	0.397357	0.899	0.784	9.27E-126	MG-Phago	Rpl36
Cd683	1.61E-129	0.410075	0.869	0.748	3.93E-125	MG-Phago	Cd68
Trf2	2.33E-129	0.414186	0.845	0.725	5.71E-125	MG-Phago	Trf
Rps281	3.48E-128	0.400892	0.874	0.746	8.52E-124	MG-Phago	Rps28
Csf1r2	2.87E-127	0.285412	0.954	0.903	7.04E-123	MG-Phago	Csf1r
Rpl151	9.09E-127	0.441721	0.908	0.775	2.23E-122	MG-Phago	Rpl15
Tmem1192	1.05E-126	0.409708	0.79	0.628	2.57E-122	MG-Phago	Tmem119
Rpl36a1	4.56E-125	0.525251	0.77	0.641	1.12E-120	MG-Phago	Rpl36a
Rpl281	5.47E-125	0.369359	0.941	0.831	1.34E-120	MG-Phago	Rpl28
Timp21	8.78E-124	0.557243	0.744	0.589	2.15E-119	MG-Phago	Timp2
H2-T231	1.13E-120	0.501637	0.799	0.707	2.76E-116	MG-Phago	H2-T23
Rpl101	1.21E-120	0.368023	0.948	0.83	2.95E-116	MG-Phago	Rpl10
Rpl171	5.58E-117	0.373469	0.933	0.831	1.37E-112	MG-Phago	Rpl17
Apoe1	1.02E-116	0.408511	0.884	0.777	2.51E-112	MG-Phago	Apoe
Rpl7a1	1.46E-116	0.458301	0.879	0.755	3.57E-112	MG-Phago	Rpl7a
Unc93b12	3.40E-116	0.31589	0.91	0.86	8.34E-112	MG-Phago	Unc93b1
Rpl241	1.52E-114	0.424151	0.9	0.779	3.72E-110	MG-Phago	Rpl24
Cd300c23	7.28E-114	0.407623	0.824	0.719	1.78E-109	MG-Phago	Cd300c2
H2-Q72	2.83E-113	0.638395	0.603	0.473	6.94E-109	MG-Phago	H2-Q7
Rps31	1.63E-111	0.397923	0.934	0.819	4.00E-107	MG-Phago	Rps3
H2-Ab11	4.74E-109	0.528003	0.778	0.634	1.16E-104	MG-Phago	H2-Ab1
H2-DMa	1.08E-108	0.475365	0.778	0.657	2.64E-104	MG-Phago	H2-DMa
Rpl181	2.89E-106	0.318817	0.944	0.829	7.08E-102	MG-Phago	Rpl18
Rps181	9.31E-106	0.397088	0.886	0.749	2.28E-101	MG-Phago	Rps18
Rpl141	1.24E-105	0.448499	0.837	0.705	3.04E-101	MG-Phago	Rpl14
Selenof2	7.08E-103	0.509117	0.715	0.617	1.73E-98	MG-Phago	Selenof
Hexa2	1.12E-100	0.418151	0.817	0.717	2.75E-96	MG-Phago	Hexa
Rpl71	1.15E-100	0.437036	0.847	0.725	2.82E-96	MG-Phago	Rpl7
Rps22	2.71E-99	0.39165	0.928	0.806	6.64E-95	MG-Phago	Rps2
Rpsa1	9.70E-96	0.307284	0.941	0.823	2.38E-91	MG-Phago	Rpsa
Rps191	1.39E-95	0.345309	0.91	0.79	3.40E-91	MG-Phago	Rps19

H2-Aa1	1.61E-95	0.416324	0.751	0.602	3.93E-91	MG-Phago	H2-Aa
Ptgs13	3.50E-95	0.402831	0.74	0.616	8.56E-91	MG-Phago	Ptgs1
Selplg2	1.65E-93	0.274208	0.882	0.8	4.04E-89	MG-Phago	Selplg
Tpt11	7.01E-93	0.291676	0.976	0.889	1.72E-88	MG-Phago	Tpt1
H2-Eb11	8.25E-93	0.421263	0.724	0.582	2.02E-88	MG-Phago	H2-Eb1
Rpl271	1.09E-90	0.342669	0.883	0.767	2.66E-86	MG-Phago	Rpl27
Clta1	7.65E-90	0.368787	0.878	0.782	1.87E-85	MG-Phago	Clta
Ltc4s2	2.61E-89	0.379645	0.747	0.612	6.39E-85	MG-Phago	Ltc4s
Pycard2	2.89E-89	0.502373	0.672	0.562	7.07E-85	MG-Phago	Pycard
Siglech3	8.73E-88	0.27339	0.807	0.648	2.14E-83	MG-Phago	Siglech
Eef1b21	3.35E-87	0.424588	0.788	0.67	8.19E-83	MG-Phago	Eef1b2
Lpcat23	1.52E-86	0.297972	0.856	0.795	3.71E-82	MG-Phago	Lpcat2
Bsg2	1.70E-86	0.384795	0.761	0.671	4.17E-82	MG-Phago	Bsg
Syng12	1.20E-85	0.571285	0.599	0.466	2.94E-81	MG-Phago	Syng1
Atp5g21	8.11E-85	0.449981	0.788	0.679	1.99E-80	MG-Phago	Atp5g2
Cyba1	1.93E-84	0.271024	0.956	0.852	4.74E-80	MG-Phago	Cyba
Tmbim62	1.36E-83	0.323093	0.838	0.775	3.32E-79	MG-Phago	Tmbim6
Itgb53	8.61E-82	0.269278	0.873	0.786	2.11E-77	MG-Phago	Itgb5
Ppib1	1.81E-81	0.398084	0.752	0.667	4.44E-77	MG-Phago	Ppib
Ppfia43	1.69E-80	0.528886	0.591	0.487	4.14E-76	MG-Phago	Ppfia4
Fcgr2b1	4.38E-80	0.412165	0.738	0.647	1.07E-75	MG-Phago	Fcgr2b
Pfdn51	1.23E-79	0.433664	0.778	0.683	3.00E-75	MG-Phago	Pfdn5
Rps251	2.82E-78	0.457347	0.733	0.63	6.90E-74	MG-Phago	Rps25
Asah12	6.89E-77	0.382249	0.737	0.668	1.69E-72	MG-Phago	Asah1
Pdia32	1.41E-76	0.385436	0.785	0.712	3.44E-72	MG-Phago	Pdia3
Rpl81	1.58E-74	0.323025	0.904	0.784	3.87E-70	MG-Phago	Rpl8
Gal3st42	1.82E-74	0.539966	0.461	0.344	4.45E-70	MG-Phago	Gal3st4
Rnaset2b2	2.25E-74	0.56925	0.517	0.423	5.51E-70	MG-Phago	Rnaset2b
Creg11	3.58E-74	0.367344	0.698	0.591	8.76E-70	MG-Phago	Creg1
Cst71	1.43E-73	0.840275	0.284	0.183	3.51E-69	MG-Phago	Cst7
Ckb2	1.42E-71	0.359599	0.757	0.659	3.47E-67	MG-Phago	Ckb
Rps141	2.80E-71	0.301612	0.904	0.801	6.85E-67	MG-Phago	Rps14
Adora32	6.44E-71	0.619063	0.375	0.267	1.58E-66	MG-Phago	Adora3
H2-DMb1	1.82E-67	0.41004	0.641	0.526	4.46E-63	MG-Phago	H2-DMb1
Laptm4a2	9.54E-67	0.300853	0.794	0.731	2.34E-62	MG-Phago	Laptm4a
Tcn22	1.02E-66	0.43858	0.59	0.496	2.50E-62	MG-Phago	Tcn2
Cd372	2.01E-66	0.316077	0.733	0.642	4.91E-62	MG-Phago	Cd37
Ctsf2	2.48E-66	0.506461	0.489	0.386	6.06E-62	MG-Phago	Ctsf
Adgrg12	4.74E-66	0.393665	0.503	0.381	1.16E-61	MG-Phago	Adgrg1
Spint13	4.57E-65	0.603768	0.423	0.319	1.12E-60	MG-Phago	Spint1
Pld31	1.04E-64	0.514495	0.53	0.419	2.55E-60	MG-Phago	Pld3
Sdf41	2.71E-64	0.523307	0.586	0.507	6.63E-60	MG-Phago	Sdf4
Psme11	4.27E-64	0.329078	0.716	0.595	1.04E-59	MG-Phago	Psme1
Mpeg11	4.54E-64	0.337849	0.784	0.696	1.11E-59	MG-Phago	Mpeg1

Scamp22	1.15E-63	0.318618	0.759	0.705	2.82E-59	MG-Phago	Scamp2
Pabpc11	8.48E-62	0.467325	0.701	0.617	2.08E-57	MG-Phago	Pabpc1
Vkorc13	2.04E-61	0.606968	0.5	0.416	4.98E-57	MG-Phago	Vkorc1
Rpl381	2.14E-61	0.267422	0.796	0.693	5.24E-57	MG-Phago	Rpl38
Atp6v0c1	5.72E-61	0.261686	0.878	0.767	1.40E-56	MG-Phago	Atp6v0c
Tmem50a2	8.52E-61	0.331103	0.727	0.661	2.09E-56	MG-Phago	Tmem50a
Cox4i11	1.77E-60	0.341269	0.888	0.796	4.33E-56	MG-Phago	Cox4i1
Sdf2l12	2.33E-60	0.63096	0.481	0.394	5.70E-56	MG-Phago	Sdf2l1
Rps61	5.67E-60	0.364203	0.785	0.679	1.39E-55	MG-Phago	Rps6
Naca1	2.31E-59	0.344472	0.799	0.696	5.67E-55	MG-Phago	Naca
Fcgr12	5.05E-59	0.362136	0.664	0.577	1.24E-54	MG-Phago	Fcgr1
Rack11	5.64E-59	0.363867	0.757	0.65	1.38E-54	MG-Phago	Rack1
Uba521	8.42E-59	0.481261	0.547	0.454	2.06E-54	MG-Phago	Uba52
C4b1	5.74E-58	0.623764	0.32	0.224	1.41E-53	MG-Phago	C4b
Ergic33	9.32E-58	0.4822	0.548	0.471	2.28E-53	MG-Phago	Ergic3
Tmem592	6.02E-56	0.342264	0.699	0.645	1.47E-51	MG-Phago	Tmem59
Ddost2	5.67E-55	0.451493	0.568	0.494	1.39E-50	MG-Phago	Ddost
Rpn22	5.33E-54	0.42093	0.587	0.52	1.30E-49	MG-Phago	Rpn2
Cryba43	1.18E-53	0.646554	0.354	0.264	2.90E-49	MG-Phago	Cryba4
Eef1d1	8.81E-53	0.519362	0.562	0.49	2.16E-48	MG-Phago	Eef1d
Ifngr12	1.07E-52	0.253852	0.778	0.75	2.63E-48	MG-Phago	Ifngr1
Cd342	1.59E-48	0.695776	0.276	0.196	3.90E-44	MG-Phago	Cd34
Slc25a51	2.82E-48	0.385101	0.668	0.588	6.91E-44	MG-Phago	Slc25a5
H2-Q61	5.05E-47	0.46781	0.461	0.377	1.24E-42	MG-Phago	H2-Q6
Eif3f1	5.83E-47	0.405264	0.666	0.584	1.43E-42	MG-Phago	Eif3f
Eef21	6.09E-45	0.3342	0.806	0.714	1.49E-40	MG-Phago	Eef2
Rpl36al1	1.61E-44	0.310926	0.731	0.642	3.94E-40	MG-Phago	Rpl36al
Tpp13	4.93E-44	0.409575	0.544	0.467	1.21E-39	MG-Phago	Tpp1
Uqcrh1	1.09E-43	0.405603	0.659	0.595	2.67E-39	MG-Phago	Uqcrh
Tmem86a3	9.33E-43	0.386352	0.543	0.467	2.29E-38	MG-Phago	Tmem86a
Rnasek2	2.49E-41	0.392745	0.609	0.551	6.09E-37	MG-Phago	Rnasek
Sft2d12	2.81E-40	0.26714	0.683	0.639	6.88E-36	MG-Phago	Sft2d1
Nme21	3.89E-40	0.338915	0.691	0.594	9.54E-36	MG-Phago	Nme2
Cfl11	4.13E-40	0.319331	0.86	0.755	1.01E-35	MG-Phago	Cfl1
Erp292	5.76E-40	0.268369	0.743	0.687	1.41E-35	MG-Phago	Erp29
Glm2	7.90E-39	0.443682	0.53	0.464	1.94E-34	MG-Phago	Glm2
Hsp90b11	9.11E-39	0.261213	0.781	0.739	2.23E-34	MG-Phago	Hsp90b1
Rnaset2a2	1.55E-37	0.482208	0.402	0.333	3.80E-33	MG-Phago	Rnaset2a
Lap31	1.13E-36	0.508588	0.423	0.357	2.77E-32	MG-Phago	Lap3
Spcs22	1.66E-36	0.388205	0.553	0.5	4.06E-32	MG-Phago	Spcs2
Daglb2	5.62E-36	0.294401	0.58	0.511	1.38E-31	MG-Phago	Daglb
Saraf2	6.80E-36	0.350765	0.554	0.498	1.67E-31	MG-Phago	Saraf
Tmem1732	8.97E-36	0.342111	0.547	0.487	2.20E-31	MG-Phago	Tmem173
Ywhah2	1.24E-35	0.292021	0.653	0.6	3.03E-31	MG-Phago	Ywhah

Rpl51	3.35E-35	0.337592	0.681	0.61	8.20E-31	MG-Phago	Rpl5
Hspe11	3.68E-35	0.499731	0.483	0.424	9.02E-31	MG-Phago	Hspe1
Pomp1	7.63E-34	0.364644	0.611	0.546	1.87E-29	MG-Phago	Pomp
Rps171	1.55E-33	0.343208	0.626	0.56	3.79E-29	MG-Phago	Rps17
Camk13	6.30E-33	0.277266	0.624	0.556	1.54E-28	MG-Phago	Camk1
Rpl42	7.32E-33	0.358411	0.668	0.594	1.79E-28	MG-Phago	Rpl4
Spcs12	1.78E-32	0.369514	0.558	0.505	4.36E-28	MG-Phago	Spcs1
Tspan32	1.88E-32	0.407679	0.452	0.391	4.61E-28	MG-Phago	Tspan3
Rpl311	3.72E-32	0.368567	0.586	0.525	9.10E-28	MG-Phago	Rpl31
Naglu3	7.32E-32	0.54778	0.356	0.296	1.79E-27	MG-Phago	Naglu
mt-Atp8	9.43E-32	0.28901	0.588	0.534	2.31E-27	MG-Phago	mt-Atp8
Hebp11	2.60E-31	0.692551	0.312	0.254	6.36E-27	MG-Phago	Hebp1
Grcc101	7.49E-31	0.330101	0.631	0.583	1.83E-26	MG-Phago	Grcc10
Limd21	8.12E-31	0.278363	0.652	0.595	1.99E-26	MG-Phago	Limd2
Npm11	1.41E-30	0.376108	0.611	0.543	3.46E-26	MG-Phago	Npm1
Fcgr41	3.02E-29	0.603849	0.298	0.239	7.40E-25	MG-Phago	Fcgr4
Tmed32	1.29E-28	0.469168	0.435	0.386	3.17E-24	MG-Phago	Tmed3
Gm2a1	3.73E-28	0.365544	0.495	0.436	9.13E-24	MG-Phago	Gm2a
Comt2	4.37E-28	0.25401	0.617	0.569	1.07E-23	MG-Phago	Comt
Tspan73	6.04E-28	0.311671	0.456	0.387	1.48E-23	MG-Phago	Tspan7
Bin22	7.78E-27	0.253068	0.631	0.582	1.91E-22	MG-Phago	Bin2
Ntpcr2	1.44E-26	0.312357	0.54	0.489	3.53E-22	MG-Phago	Ntpcr
Gabarap1	5.62E-26	0.250213	0.748	0.67	1.38E-21	MG-Phago	Gabarap
Slc3a23	2.72E-25	0.271106	0.59	0.54	6.65E-21	MG-Phago	Slc3a2
Rpl22l11	2.84E-25	0.392106	0.546	0.496	6.96E-21	MG-Phago	Rpl22l1
Pla2g152	4.51E-25	0.27972	0.519	0.462	1.10E-20	MG-Phago	Pla2g15
Aup11	4.57E-25	0.302264	0.572	0.536	1.12E-20	MG-Phago	Aup1
Cebpz3	6.36E-25	0.512122	0.369	0.32	1.56E-20	MG-Phago	Cebpz3
Slc11a12	1.26E-24	0.297202	0.552	0.494	3.09E-20	MG-Phago	Slc11a1
Lgals91	6.71E-24	0.278046	0.594	0.542	1.64E-19	MG-Phago	Lgals9
Slc35b22	5.07E-23	0.471677	0.376	0.331	1.24E-18	MG-Phago	Slc35b2
Mrpl521	4.16E-22	0.326949	0.515	0.471	1.02E-17	MG-Phago	Mrpl52
Tmed92	5.90E-22	0.308219	0.513	0.479	1.45E-17	MG-Phago	Tmed9
Tnfaip8l22	6.05E-22	0.328333	0.502	0.463	1.48E-17	MG-Phago	Tnfaip8l2
Ptms1	7.41E-22	0.355267	0.566	0.521	1.81E-17	MG-Phago	Ptms
H2-Q42	8.15E-22	0.311765	0.487	0.438	2.00E-17	MG-Phago	H2-Q4
H2-M32	1.22E-21	0.322009	0.456	0.414	2.99E-17	MG-Phago	H2-M3
Tubb51	1.26E-21	0.361176	0.516	0.467	3.10E-17	MG-Phago	Tubb5
Rps151	3.95E-21	0.275199	0.616	0.566	9.68E-17	MG-Phago	Rps15
Nsa21	7.24E-21	0.419418	0.489	0.447	1.77E-16	MG-Phago	Nsa2
Os93	1.05E-20	0.345624	0.463	0.427	2.58E-16	MG-Phago	Os9
Atp6v1f1	1.35E-20	0.331684	0.601	0.557	3.30E-16	MG-Phago	Atp6v1f1
Krtcap21	1.49E-20	0.355605	0.48	0.441	3.64E-16	MG-Phago	Krtcap2
Dad12	3.84E-20	0.322027	0.564	0.533	9.39E-16	MG-Phago	Dad1

Atp6ap13	4.21E-20	0.290493	0.542	0.507	1.03E-15	MG-Phago	Atp6ap1
Gpr842	8.11E-20	0.358048	0.269	0.218	1.99E-15	MG-Phago	Gpr84
Nucb13	9.59E-20	0.392271	0.418	0.379	2.35E-15	MG-Phago	Nucb1
Ctc12	1.01E-19	0.302656	0.386	0.335	2.48E-15	MG-Phago	Ctc1
Gusb2	2.00E-19	0.306968	0.533	0.497	4.91E-15	MG-Phago	Gusb
Man2b23	2.32E-19	0.482219	0.337	0.298	5.68E-15	MG-Phago	Man2b2
Ppp1r14b2	2.75E-19	0.531115	0.406	0.371	6.74E-15	MG-Phago	Ppp1r14b
Pold42	5.21E-19	0.450948	0.407	0.371	1.28E-14	MG-Phago	Pold4
Gm118081	3.54E-18	0.506174	0.341	0.305	8.67E-14	MG-Phago	Gm11808
Atraid2	6.19E-18	0.32058	0.434	0.397	1.52E-13	MG-Phago	Atraid
Tmco12	1.22E-17	0.405558	0.351	0.313	2.99E-13	MG-Phago	Tmco1
Mif1	1.32E-17	0.316968	0.482	0.433	3.22E-13	MG-Phago	Mif
Psenen1	2.23E-16	0.326998	0.524	0.503	5.46E-12	MG-Phago	Psenen
Slc25a31	2.32E-16	0.272234	0.648	0.61	5.67E-12	MG-Phago	Slc25a3
P4hb2	6.48E-16	0.272198	0.52	0.489	1.59E-11	MG-Phago	P4hb
Ccni1	1.22E-15	0.352471	0.446	0.418	2.99E-11	MG-Phago	Ccni
Cyb561a32	1.51E-15	0.335484	0.337	0.297	3.70E-11	MG-Phago	Cyb561a3
Ndufc21	1.60E-15	0.281304	0.532	0.504	3.93E-11	MG-Phago	Ndufc2
Cmtm62	2.19E-15	0.262974	0.485	0.453	5.37E-11	MG-Phago	Cmtm6
Ndufa6	3.21E-15	0.287665	0.551	0.521	7.86E-11	MG-Phago	Ndufa6
Rogdi2	6.40E-15	0.320792	0.406	0.372	1.57E-10	MG-Phago	Rogdi
Sec11c1	9.98E-15	0.266296	0.502	0.479	2.44E-10	MG-Phago	Sec11c
Dnase2a2	1.06E-14	0.310573	0.42	0.386	2.60E-10	MG-Phago	Dnase2a
Snrpg	1.08E-14	0.336786	0.458	0.429	2.64E-10	MG-Phago	Snrpg
Ndufa4	1.72E-14	0.254744	0.57	0.543	4.21E-10	MG-Phago	Ndufa4
Pdia61	2.23E-14	0.259273	0.523	0.498	5.46E-10	MG-Phago	Pdia6
Srsf92	2.36E-14	0.287788	0.496	0.473	5.78E-10	MG-Phago	Srsf9
Lat22	2.63E-14	0.421272	0.344	0.313	6.43E-10	MG-Phago	Lat2
Cox7a2l1	3.20E-14	0.352384	0.48	0.458	7.83E-10	MG-Phago	Cox7a2l
Wdr83os1	4.73E-14	0.423947	0.41	0.389	1.16E-09	MG-Phago	Wdr83os
Higd2a2	7.31E-14	0.396202	0.435	0.415	1.79E-09	MG-Phago	Higd2a
Tmem14c2	8.27E-14	0.334416	0.463	0.442	2.03E-09	MG-Phago	Tmem14c
Bcap312	2.50E-13	0.302599	0.467	0.448	6.12E-09	MG-Phago	Bcap31
Fuca12	2.61E-13	0.314159	0.456	0.432	6.40E-09	MG-Phago	Fuca1
Zfp7062	3.58E-13	0.255175	0.523	0.503	8.76E-09	MG-Phago	Zfp706
Ang2	4.76E-13	0.278386	0.351	0.313	1.17E-08	MG-Phago	Ang
Parvg2	7.14E-13	0.39707	0.289	0.255	1.75E-08	MG-Phago	Parvg
Atp6ap22	1.64E-12	0.270958	0.502	0.478	4.02E-08	MG-Phago	Atp6ap2
Pon33	1.72E-12	0.292606	0.294	0.258	4.21E-08	MG-Phago	Pon3
Mcfd22	1.88E-12	0.401392	0.31	0.28	4.61E-08	MG-Phago	Mcfd2
Ociad12	3.03E-12	0.251276	0.473	0.451	7.42E-08	MG-Phago	Ociad1
Edem22	3.22E-12	0.30871	0.402	0.376	7.89E-08	MG-Phago	Edem2
Bmyc2	3.57E-12	0.312249	0.407	0.381	8.74E-08	MG-Phago	Bmyc
Rer11	5.40E-12	0.313075	0.434	0.415	1.32E-07	MG-Phago	Rer1

Adam152	6.32E-12	0.294858	0.394	0.366	1.55E-07	MG-Phago	Adam15
Brk1	6.35E-12	0.309039	0.502	0.487	1.56E-07	MG-Phago	Brk1
Ncstn2	5.79E-11	0.295033	0.426	0.407	1.42E-06	MG-Phago	Ncstn
Slc50a12	6.97E-11	0.351074	0.348	0.325	1.71E-06	MG-Phago	Slc50a1
Ddrgk11	8.90E-11	0.294101	0.419	0.4	2.18E-06	MG-Phago	Ddrgk1
Tmem179b	9.60E-11	0.306385	0.435	0.418	2.35E-06	MG-Phago	Tmem179b
Atp5mpl1	1.17E-10	0.313623	0.443	0.419	2.87E-06	MG-Phago	Atp5mpl
Rtraf1	3.80E-10	0.311139	0.441	0.42	9.30E-06	MG-Phago	Rtraf
Tmem9b3	1.05E-09	0.432265	0.311	0.291	2.58E-05	MG-Phago	Tmem9b
Abhd62	1.05E-09	0.307153	0.25	0.22	2.58E-05	MG-Phago	Abhd6
Eif3h1	1.25E-09	0.274698	0.508	0.488	3.06E-05	MG-Phago	Eif3h
Tmem372	2.49E-09	0.325907	0.307	0.28	6.10E-05	MG-Phago	Tmem37
Pdia43	2.52E-09	0.306739	0.347	0.323	6.17E-05	MG-Phago	Pdia4
Park71	3.35E-09	0.367516	0.421	0.412	8.20E-05	MG-Phago	Park7
Alg52	4.53E-09	0.443394	0.273	0.253	0.000111	MG-Phago	Alg5
Selenos2	9.78E-09	0.283384	0.393	0.378	0.000239	MG-Phago	Selenos
Rpn11	1.17E-08	0.332993	0.376	0.362	0.000286	MG-Phago	Rpn1
Hvcn13	1.56E-08	0.274775	0.331	0.307	0.000383	MG-Phago	Hvcn1
Fkbp21	2.23E-08	0.269493	0.422	0.407	0.000547	MG-Phago	Fkbp2
Cuta1	2.60E-08	0.343577	0.418	0.409	0.000636	MG-Phago	Cuta
St6galnac4	3.64E-08	0.320638	0.325	0.305	0.000893	MG-Phago	St6galnac4
Leprot2	5.94E-08	0.315231	0.356	0.341	0.001454	MG-Phago	Leprot
Tspan312	1.49E-07	0.351389	0.307	0.292	0.003637	MG-Phago	Tspan31
Rnf71	1.90E-07	0.347944	0.383	0.377	0.004661	MG-Phago	Rnf7
Lrpap12	2.78E-07	0.317063	0.36	0.344	0.00681	MG-Phago	Lrpap1
Plbd21	3.66E-07	0.41581	0.285	0.27	0.008958	MG-Phago	Plbd2
Akr1b102	3.94E-07	0.282876	0.257	0.234	0.009641	MG-Phago	Akr1b10
Pon21	5.32E-07	0.295546	0.332	0.317	0.013017	MG-Phago	Pon2
H2-T221	9.45E-07	0.293069	0.362	0.347	0.023137	MG-Phago	H2-T22
Yif1b3	1.45E-06	0.401711	0.288	0.275	0.035535	MG-Phago	Yif1b
Cnpy22	1.62E-06	0.324345	0.323	0.311	0.039777	MG-Phago	Cnpy2
Nagpa2	1.67E-06	0.354985	0.28	0.266	0.040777	MG-Phago	Nagpa
Ggh1	1.83E-06	0.393175	0.291	0.277	0.044783	MG-Phago	Ggh
Kdelr11	2.29E-06	0.302161	0.353	0.345	0.056136	MG-Phago	Kdelr1
Akr1b31	2.70E-06	0.407819	0.327	0.318	0.066048	MG-Phago	Akr1b3
Nudt91	3.02E-06	0.352119	0.278	0.265	0.074003	MG-Phago	Nudt9
Hsbp1	3.77E-06	0.317698	0.416	0.414	0.092407	MG-Phago	Hsbp1
Vegfb1	5.48E-06	0.422835	0.28	0.266	0.134112	MG-Phago	Vegfb
Emc102	7.45E-06	0.280593	0.351	0.344	0.182546	MG-Phago	Emc10
Arl12	1.37E-05	0.411862	0.255	0.243	0.334437	MG-Phago	Arl1
Hmgn11	1.44E-05	0.348508	0.338	0.329	0.35304	MG-Phago	Hmgn1
Clptm11	1.62E-05	0.259395	0.335	0.324	0.396135	MG-Phago	Clptm1
Tspan43	1.88E-05	0.292711	0.266	0.25	0.460271	MG-Phago	Tspan4
Tmed72	3.24E-05	0.278322	0.336	0.329	0.79329	MG-Phago	Tmed7

Tmem332	3.51E-05	0.313164	0.288	0.278	0.859488	MG-Phago	Tmem33
Mydgf2	5.23E-05	0.400503	0.277	0.269		1 MG-Phago	Mydgf
Gde11	5.43E-05	0.415017	0.257	0.246		1 MG-Phago	Gde1
Map1lc3a	9.36E-05	0.358381	0.266	0.255		1 MG-Phago	Map1lc3a
Papss12	0.000122	0.312989	0.251	0.239		1 MG-Phago	Papss1
BC004004	0.000139	0.333322	0.304	0.301		1 MG-Phago	BC004004
Gaa1	0.000168	0.363951	0.255	0.244		1 MG-Phago	Gaa
Fam173a1	0.000206	0.300985	0.342	0.341		1 MG-Phago	Fam173a
Tmem1092	0.000214	0.331484	0.252	0.242		1 MG-Phago	Tmem109
Txndc152	0.00022	0.256951	0.3	0.292		1 MG-Phago	Txndc15
Ostc1	0.000313	0.294227	0.337	0.336		1 MG-Phago	Ostc
Mrfap1	0.000335	0.298409	0.421	0.427		1 MG-Phago	Mrfap1
Tmem50b1	0.000627	0.316071	0.25	0.242		1 MG-Phago	Tmem50b
Gltf1	0.000659	0.331086	0.382	0.382		1 MG-Phago	Gltf
Aph1a1	0.001153	0.384702	0.297	0.299		1 MG-Phago	Aph1a
Ltbr1	0.001171	0.352841	0.255	0.25		1 MG-Phago	Ltbr
Ndufb51	0.001268	0.293902	0.373	0.376		1 MG-Phago	Ndufb5
Fuca21	0.001346	0.362874	0.258	0.254		1 MG-Phago	Fuca2
Tex2611	0.003174	0.384149	0.255	0.253		1 MG-Phago	Tex261
Slc35c21	0.003228	0.254985	0.28	0.276		1 MG-Phago	Slc35c2
Ppt21	0.005435	0.272882	0.258	0.255		1 MG-Phago	Ppt2
Dnajb11	0.009114	0.291207	0.288	0.288		1 MG-Phago	Dnajb11
Cybb	0	2.783781	0.927	0.197		0 Classical M	Cybb
Plbd1	0	3.132173	0.809	0.083		0 Classical M	Plbd1
Ms4a6c	0	3.003593	0.93	0.247		0 Classical M	Ms4a6c
Tgfbi	0	3.307842	0.835	0.168		0 Classical M	Tgfbi
Fxyd5	0	2.273162	0.923	0.258		0 Classical M	Fxyd5
Klra2	0	3.855956	0.69	0.042		0 Classical M	Klra2
Vim	0	2.403955	0.747	0.168		0 Classical M	Vim
Clec12a	0	3.742212	0.624	0.053		0 Classical M	Clec12a
Ccr2	0	4.413561	0.605	0.038		0 Classical M	Ccr2
Lilrb4a1	0	2.286716	0.706	0.139		0 Classical M	Lilrb4a
Lgals1	0	2.240508	0.686	0.136		0 Classical M	Lgals1
Ms4a4c	0	3.814429	0.627	0.083		0 Classical M	Ms4a4c
Emp3	0	2.196731	0.728	0.194		0 Classical M	Emp3
Cyp4f18	0	3.336454	0.603	0.073		0 Classical M	Cyp4f18
Irf7	0	2.945077	0.689	0.164		0 Classical M	Irf7
Anxa51	0	1.771644	0.801	0.278		0 Classical M	Anxa5
Ifitm3	0	2.51661	0.922	0.404		0 Classical M	Ifitm3
Mndal	0	3.304299	0.574	0.06		0 Classical M	Mndal
Lgals31	0	2.290446	0.676	0.164		0 Classical M	Lgals3
AW112010	0	2.820561	0.773	0.262		0 Classical M	AW112010
Arhgap15	0	1.138469	0.76	0.253		0 Classical M	Arhgap15
Ifi207	0	2.015186	0.656	0.152		0 Classical M	Ifi207

Apobec1	0	2.054016	0.857	0.354	0 Classical M Apobec1
Iqgap1	0	1.786868	0.643	0.142	0 Classical M Iqgap1
Ifi27l2a1	0	2.610848	0.861	0.36	0 Classical M Ifi27l2a
Axl1	0	1.858718	0.739	0.241	0 Classical M Axl
Ms4a7	0	2.509361	0.587	0.089	0 Classical M Ms4a7
Ifitm2	0	1.757602	0.68	0.184	0 Classical M Ifitm2
Cxcl161	0	2.028178	0.771	0.276	0 Classical M Cxcl16
Ms4a6b	0	1.792587	0.759	0.272	0 Classical M Ms4a6b
Ifi47	0	3.277372	0.569	0.084	0 Classical M Ifi47
Ifi203	0	3.311283	0.526	0.052	0 Classical M Ifi203
Slamf7	0	2.62485	0.556	0.091	0 Classical M Slamf7
Zbp11	0	2.565437	0.614	0.156	0 Classical M Zbp1
AB1246111	0	2.121224	0.596	0.144	0 Classical M AB124611
Oasl2	0	2.120996	0.617	0.169	0 Classical M Oasl2
Slfn2	0	1.682077	0.718	0.273	0 Classical M Slfn2
Clic4	0	1.674496	0.632	0.19	0 Classical M Clic4
Trps1	0	1.470935	0.586	0.146	0 Classical M Trps1
Gm36161	0	3.663732	0.472	0.035	0 Classical M Gm36161
Aoah	0	1.898829	0.542	0.106	0 Classical M Aoah
Msrbl	0	1.368356	0.606	0.17	0 Classical M Msrbl
Pla2g71	0	2.082209	0.575	0.139	0 Classical M Pla2g7
Itga4	0	1.869101	0.517	0.091	0 Classical M Itga4
Tspo1	0	1.642663	0.851	0.428	0 Classical M Tspo
S100a11	0	0.355708	0.551	0.131	0 Classical M S100a11
Tagln2	0	1.645574	0.612	0.193	0 Classical M Tagln2
Slfn5	0	2.585362	0.528	0.112	0 Classical M Slfn5
Samhd1	0	1.815889	0.787	0.372	0 Classical M Samhd1
Wfdc17	0	1.78437	0.512	0.097	0 Classical M Wfdc17
Crip1	0	1.94037	0.578	0.163	0 Classical M Crip1
Gm21188	0	3.311023	0.45	0.037	0 Classical M Gm21188
Txn1	0	1.394418	0.716	0.304	0 Classical M Txn1
Calhm6	0	2.803504	0.569	0.158	0 Classical M Calhm6
Gsn	0	1.81278	0.514	0.106	0 Classical M Gsn
Clec2d	0	1.259836	0.65	0.245	0 Classical M Clec2d
Isg15	0	2.609191	0.588	0.183	0 Classical M Isg15
Il2rg1	0	1.815616	0.605	0.201	0 Classical M Il2rg
CAAA01147	0	1.153599	0.784	0.382	0 Classical M CAAA01147332.1
S100a6	0	1.152938	0.497	0.102	0 Classical M S100a6
Rbms1	0	1.233954	0.6	0.209	0 Classical M Rbms1
Selenow1	0	1.035846	0.83	0.442	0 Classical M Selenow
Ms4a6d	0	1.474488	0.707	0.32	0 Classical M Ms4a6d
Slfn1	0	3.345174	0.428	0.042	0 Classical M Slfn1
Cstb1	0	1.536397	0.749	0.365	0 Classical M Cstb
Pltp	0	2.085056	0.503	0.121	0 Classical M Pltp

Mmp141	0	2.007779	0.555	0.174	0 Classical MMmp14
Fgl21	0	1.478916	0.631	0.254	0 Classical MFgl2
Rtp4	0	1.440425	0.606	0.229	0 Classical MRtp4
H2-DMb11	0	1.514731	0.893	0.516	0 Classical MH2-DMb1
Bst21	0	1.278839	0.942	0.573	0 Classical MBst2
Ly6c2	0	4.62152	0.404	0.04	0 Classical MLy6c2
Rnf213	0	1.229608	0.689	0.325	0 Classical MRnf213
Ifi213	0	2.509746	0.442	0.079	0 Classical MIfi213
Crlf21	0	1.069763	0.623	0.26	0 Classical MCrlf2
Actr3	0	1.200956	0.901	0.539	0 Classical MActr3
Scimp	0	2.697537	0.437	0.075	0 Classical MScimp
Ly6a1	0	2.513597	0.604	0.242	0 Classical MLy6a
Ciita	0	1.95761	0.455	0.093	0 Classical MCiita
Ifi211	0	2.981483	0.43	0.069	0 Classical MIfi211
Oas1a1	0	2.043604	0.498	0.14	0 Classical MOas1a
Pirb	0	1.763159	0.493	0.136	0 Classical MPirb
Psmb101	0	1.296443	0.722	0.365	0 Classical MPsmb10
Sp100	0	1.218852	0.614	0.26	0 Classical MSp100
Cfb1	0	3.593122	0.441	0.087	0 Classical MCfb
C31	0	2.616441	0.482	0.128	0 Classical MC3
Tmem106a	0	1.255267	0.563	0.212	0 Classical MTmem106a
Ms4a4a	0	2.318297	0.415	0.064	0 Classical MMs4a4a
Calm1	0	1.055899	0.925	0.576	0 Classical MCalm1
Gpr65	0	2.61455	0.42	0.071	0 Classical MGpr65
Myof	0	2.916501	0.383	0.036	0 Classical MMyof
Sh3bgrl	0	1.61457	0.463	0.118	0 Classical MSh3bgrl
Ifi204	0	1.762966	0.503	0.159	0 Classical MIfi204
Prdx5	0	1.861205	0.915	0.572	0 Classical MPrdx5
Prdx11	0	0.76118	0.873	0.531	0 Classical MPrdx1
Capg1	0	2.404979	0.466	0.125	0 Classical MCapg
Psmb81	0	1.181822	0.921	0.584	0 Classical MPsmb8
Psme21	0	1.214525	0.841	0.504	0 Classical MPsme2
Sem1	0	1.003496	0.871	0.535	0 Classical MSem1
Ass1	0	3.550226	0.377	0.042	0 Classical MAss1
H2-Eb12	0	1.83846	0.91	0.577	0 Classical MH2-Eb1
Sdc31	0	1.195839	0.574	0.241	0 Classical MSdc3
Ybx11	0	0.91442	0.886	0.556	0 Classical MYbx1
Lyz21	0	2.736069	0.993	0.663	0 Classical MLyz2
Gm34084	0	3.507437	0.36	0.03	0 Classical MGm34084
Ifi209	0	2.441544	0.426	0.097	0 Classical MIfi209
Pde7b	0	2.648193	0.369	0.041	0 Classical MPde7b
Igsf6	0	1.210513	0.537	0.211	0 Classical MIgsf6
H2-Aa2	0	1.759455	0.925	0.599	0 Classical MH2-Aa
Mcub	0	3.082977	0.358	0.037	0 Classical MMcub

Metrn1	0	2.146724	0.391	0.07	0 Classical M Metrn1
Dse	0	1.114457	0.468	0.148	0 Classical M Dse
Cd40	0	3.049279	0.367	0.047	0 Classical M Cd40
H2afz	0	0.902025	0.878	0.558	0 Classical M H2afz
B3gnt8	0	3.268442	0.356	0.037	0 Classical M B3gnt8
Runx3	0	3.578718	0.349	0.031	0 Classical M Runx3
Apoc2	0	2.645277	0.379	0.062	0 Classical M Apoc2
Plac8	0	3.871845	0.391	0.075	0 Classical M Plac8
Phf11b	0	1.885749	0.459	0.144	0 Classical M Phf11b
Tmem176a	0	1.38027	0.749	0.434	0 Classical M Tmem176a
Slamf91	0	1.56257	0.508	0.194	0 Classical M Slamf9
Ahnak	0	1.938229	0.405	0.092	0 Classical M Ahnak
Xaf1	0	1.432948	0.493	0.18	0 Classical M Xaf1
Cd521	0	1.443137	0.972	0.659	0 Classical M Cd52
Clec4a1	0	2.146194	0.385	0.076	0 Classical M Clec4a1
Anxa41	0	1.757527	0.446	0.138	0 Classical M Anxa4
Sirpb1c	0	3.635241	0.323	0.017	0 Classical M Sirpb1c
Mdfic	0	1.599009	0.398	0.093	0 Classical M Mdfic
Atox11	0	0.995848	0.884	0.579	0 Classical M Atox1
Gbp21	0	2.177132	0.491	0.188	0 Classical M Gbp2
Pim1	0	1.630314	0.433	0.131	0 Classical M Pim1
Rack12	0	0.924501	0.945	0.643	0 Classical M Rack1
Mrc1	0	0.342708	0.453	0.152	0 Classical M Mrc1
Ifi301	0	1.562298	0.882	0.582	0 Classical M Ifi30
H2-Ab12	0	1.711298	0.932	0.632	0 Classical M H2-Ab1
Sap30	0	1.695057	0.411	0.113	0 Classical M Sap30
Tmsb10	0	1.69682	0.918	0.623	0 Classical M Tmsb10
Nampt	0	1.424412	0.478	0.183	0 Classical M Nampt
Sema4a	0	1.876798	0.391	0.097	0 Classical M Sema4a
Xdh	0	1.671925	0.383	0.092	0 Classical M Xdh
Tmem51	0	2.305209	0.343	0.053	0 Classical M Tmem51
Sirpb1b	0	2.567736	0.315	0.025	0 Classical M Sirpb1b
Smpdl3a	0	1.45816	0.423	0.133	0 Classical M Smpdl3a
H2-DMa1	0	0.792648	0.939	0.653	0 Classical M H2-DMa
Fgr	0	1.576667	0.375	0.09	0 Classical M Fgr
Adgre5	0	1.966941	0.349	0.064	0 Classical M Adgre5
Anxa2	0	0.975505	0.411	0.126	0 Classical M Anxa2
Ly6i	0	4.259661	0.353	0.068	0 Classical M Ly6i
Ube216	0	1.262756	0.434	0.151	0 Classical M Ube216
Creb5	0	1.615841	0.375	0.093	0 Classical M Creb5
Emb	0	1.88012	0.34	0.059	0 Classical M Emb
Rap2b1	0	1.529686	0.396	0.116	0 Classical M Rap2b
Cd721	0	2.039428	0.403	0.124	0 Classical M Cd72
Gbp3	0	1.841724	0.395	0.119	0 Classical M Gbp3

Acvrl11	0	1.435997	0.407	0.132	0	Classical MAcvrl1
Esyt1	0	1.406091	0.396	0.123	0	Classical MEsyt1
Napsa	0	1.708383	0.325	0.055	0	Classical MNapsa
Ctsc1	0	1.04067	0.962	0.693	0	Classical MCtsc
Ifit3	0	1.896065	0.377	0.108	0	Classical MIfit3
Atrnl1	0	1.373	0.349	0.081	0	Classical MAtrnl1
Naca2	0	0.779801	0.958	0.691	0	Classical MNaca
Gpx1	0	1.110073	0.954	0.688	0	Classical MGpx1
Gpr141	0	2.78771	0.303	0.037	0	Classical MGpr141
H3f3a	0	0.76417	0.925	0.66	0	Classical MH3f3a
Cxcl9	0	2.371057	0.338	0.075	0	Classical MCxcl9
Serpina3g	0	3.502176	0.297	0.038	0	Classical MSerpina3g
Usp18	0	1.937779	0.352	0.094	0	Classical MUsp18
S100a10	0	1.558665	0.347	0.09	0	Classical MS100a10
Ptma	0	0.953137	0.971	0.715	0	Classical MPtma
Arpc1b1	0	0.926484	0.947	0.691	0	Classical MArpc1b
Cdkn1a	0	2.220343	0.34	0.085	0	Classical MCdkn1a
Emilin2	0	2.298041	0.29	0.035	0	Classical MEmilin2
Acp5	0	4.42002	0.282	0.027	0	Classical MAcp5
Itgal	0	1.468719	0.332	0.079	0	Classical MItgal
Sirpb1a	0	3.288756	0.269	0.019	0	Classical MSirpb1a
Mgst1	0	1.428958	0.315	0.067	0	Classical MMgst1
Nedd9	0	0.979951	0.326	0.08	0	Classical MNedd9
Sh3bgrl31	0	1.010022	0.981	0.737	0	Classical MSh3bgrl3
Ucp21	0	0.981351	0.96	0.716	0	Classical MUcp2
Dnase111	0	1.891162	0.314	0.07	0	Classical MDnase111
Rpl72	0	0.737229	0.967	0.724	0	Classical MRpl7
Daxx	0	1.857556	0.344	0.103	0	Classical MDaxx
Dram1	0	2.827485	0.278	0.04	0	Classical MDram1
Ifit2	0	2.163308	0.314	0.076	0	Classical MIfit2
S100a4	0	2.207463	0.286	0.049	0	Classical MS100a4
Hspa81	0	1.016786	0.965	0.73	0	Classical MHspa8
AI662270	0	2.307065	0.282	0.047	0	Classical MAI662270
Trerf1	0	1.986392	0.277	0.043	0	Classical MTrerf1
Ifi206	0	2.624009	0.275	0.042	0	Classical MIfi206
Ccr1	0	1.583768	0.298	0.065	0	Classical MCcr1
Rps182	0	0.864815	0.98	0.75	0	Classical MRps18
Socs1	0	2.577866	0.303	0.08	0	Classical MSocs1
Samd9l	0	2.027525	0.279	0.057	0	Classical MSamd9l
Pfcp	0	1.973531	0.28	0.061	0	Classical MPfcp
Lilr4b	0	1.694762	0.266	0.048	0	Classical MLilr4b
Iqgap2	0	1.289681	0.287	0.07	0	Classical MIqgap2
Oas3	0	2.787311	0.251	0.037	0	Classical MOas3
Rpl7a2	0	0.733508	0.969	0.755	0	Classical MRpl7a

Cd742	0	1.512612	0.977	0.763	0	Classical M Cd74
Msr1	0	1.855508	0.255	0.045	0	Classical M Msr1
Rpl272	0	0.757541	0.977	0.767	0	Classical M Rpl27
Dck	0	1.728925	0.269	0.061	0	Classical M Dck
Pstpip1	0	1.58038	0.272	0.065	0	Classical M Pstpip1
Haus8	0	1.957044	0.273	0.069	0	Classical M Haus8
Rpl152	0	0.713933	0.979	0.777	0	Classical M Rpl15
Rpl242	0	0.785548	0.981	0.78	0	Classical M Rpl24
Rpl82	0	0.892427	0.985	0.785	0	Classical M Rpl8
Rps192	0	0.821453	0.988	0.791	0	Classical M Rps19
Rpl292	0	0.707692	0.985	0.791	0	Classical M Rpl29
Rpl362	0	0.760759	0.976	0.784	0	Classical M Rpl36
Rps142	0	0.815	0.988	0.801	0	Classical M Rps14
Rps210	0	0.899166	0.993	0.808	0	Classical M Rps2
Npc22	0	0.955411	0.985	0.802	0	Classical M Npc2
Rps32	0	0.723686	0.992	0.821	0	Classical M Rps3
Rpl262	0	0.676091	0.991	0.821	0	Classical M Rpl26
Rpl62	0	0.659387	0.988	0.82	0	Classical M Rpl6
Rpsa2	0	0.911592	0.993	0.825	0	Classical M Rpsa
Apoe2	0	1.204716	0.945	0.778	0	Classical M Apoe
Pfn1	0	0.801461	0.987	0.823	0	Classical M Pfn1
Rpl172	0	0.768735	0.993	0.832	0	Classical M Rpl17
Rpl102	0	0.837805	0.993	0.832	0	Classical M Rpl10
Rpl182	0	0.898049	0.991	0.831	0	Classical M Rpl18
Rpl282	0	0.777088	0.992	0.834	0	Classical M Rpl28
Rplp02	0	0.850076	0.991	0.834	0	Classical M Rplp0
Rpl342	0	0.69842	0.988	0.837	0	Classical M Rpl34
Rps52	0	0.916683	0.995	0.845	0	Classical M Rps5
Rps132	0	0.799603	0.992	0.842	0	Classical M Rps13
Rps15a2	0	0.646669	0.992	0.85	0	Classical M Rps15a
Rpl322	0	0.766715	0.995	0.86	0	Classical M Rpl32
Rps72	0	0.746028	0.994	0.861	0	Classical M Rps7
Rpl92	0	0.753443	0.997	0.87	0	Classical M Rpl9
Rpl112	0	0.646868	0.996	0.87	0	Classical M Rpl11
Rps202	0	0.717574	0.997	0.875	0	Classical M Rps20
Rpl232	0	0.761385	0.998	0.876	0	Classical M Rpl23
Rps162	0	0.807027	0.997	0.876	0	Classical M Rps16
Rps4x2	0	0.693431	0.994	0.874	0	Classical M Rps4x
Rps3a12	0	0.633662	0.992	0.878	0	Classical M Rps3a1
Rpl192	0	0.776619	0.997	0.885	0	Classical M Rpl19
Tpt12	0	0.969038	0.997	0.892	0	Classical M Tpt1
Rps82	0	0.717147	0.998	0.896	0	Classical M Rps8
Rpl18a2	0	0.634401	0.994	0.896	0	Classical M Rpl18a
Rps27a2	0	0.573168	0.996	0.903	0	Classical M Rps27a

Rps92	0	0.711677	0.996	0.907	0	Classical MRps9
Rpl132	0	0.723241	0.997	0.916	0	Classical MRpl13
Ftl11	0	0.804011	0.998	0.92	0	Classical M Ftl1
Rps242	0	0.717586	0.999	0.925	0	Classical MRps24
Fau2	0	0.615034	0.999	0.937	0	Classical M Fau
Eef1a12	0	0.626693	0.999	0.941	0	Classical M Eef1a1
Fth11	0	0.814868	1	0.978	0	Classical M Fth1
Rps112	6.05E-308	0.579336	0.996	0.89	1.48E-303	Classical MRps11
Ncf4	9.26E-307	1.106873	0.572	0.24	2.27E-302	Classical M Ncf4
Cers6	1.38E-305	1.24778	0.5	0.192	3.37E-301	Classical M Cers6
Flna	3.27E-305	1.13036	0.482	0.18	8.00E-301	Classical M Flna
Stat11	3.31E-305	1.150649	0.806	0.481	8.11E-301	Classical M Stat1
Zyx	9.71E-305	1.398275	0.567	0.241	2.38E-300	Classical M Zyx
Psmb9	1.24E-303	0.987821	0.813	0.466	3.03E-299	Classical M Psmb9
Il3ra	2.64E-303	1.81252	0.265	0.068	6.47E-299	Classical M Il3ra
Csf2ra1	3.28E-303	1.012321	0.757	0.401	8.03E-299	Classical M Csf2ra
Rps102	3.61E-301	0.584277	0.994	0.886	8.83E-297	Classical MRps10
Mrpl301	4.05E-301	1.041273	0.607	0.267	9.91E-297	Classical M Mrpl30
Rps232	1.49E-300	0.623619	0.989	0.848	3.64E-296	Classical MRps23
Nsa22	2.64E-299	0.901356	0.799	0.431	6.46E-295	Classical M Nsa2
H2afj	1.01E-298	0.960671	0.73	0.37	2.48E-294	Classical M H2afj
Themis2	2.35E-297	1.128947	0.518	0.206	5.75E-293	Classical M Themis2
Mapkapk3	2.35E-297	1.377057	0.345	0.107	5.77E-293	Classical M Mapkapk3
Preli11	3.89E-297	1.079392	0.661	0.32	9.51E-293	Classical M Preli1
Rpl35a2	2.31E-295	0.600819	0.995	0.879	5.65E-291	Classical MRpl35a
Slamf81	2.05E-292	1.426049	0.468	0.182	5.01E-288	Classical M Slamf8
Tmem176b	2.95E-292	1.129777	0.84	0.618	7.22E-288	Classical M Tmem176b
Psen21	4.72E-292	1.411013	0.378	0.126	1.16E-287	Classical M Psen2
Nme22	3.36E-291	0.844354	0.903	0.586	8.24E-287	Classical M Nme2
Eif3f2	2.62E-290	0.814149	0.901	0.573	6.41E-286	Classical M Eif3f
Sp140	2.93E-290	1.313547	0.449	0.169	7.18E-286	Classical M Sp140
Psme12	1.38E-289	0.849756	0.897	0.59	3.38E-285	Classical M Psme1
Arcp5	3.81E-289	0.864085	0.776	0.413	9.33E-285	Classical M Arcp5
Anp32b1	1.24E-288	0.969749	0.607	0.272	3.05E-284	Classical M Anp32b
Il18bp1	3.48E-288	1.601492	0.391	0.137	8.52E-284	Classical M Il18bp
Actb1	5.95E-288	0.673553	1	0.956	1.46E-283	Classical M Actb
Plin21	1.35E-287	1.122895	0.515	0.209	3.31E-283	Classical M Plin2
Limd1	8.26E-287	1.507825	0.255	0.065	2.02E-282	Classical M Limd1
Eif4ebp1	3.25E-286	1.153178	0.492	0.194	7.95E-282	Classical M Eif4ebp1
Taf101	7.33E-285	0.949469	0.698	0.35	1.79E-280	Classical M Taf10
Rpl27a2	2.45E-284	0.559785	0.996	0.885	5.99E-280	Classical MRpl27a
Dok3	6.42E-283	0.981374	0.46	0.168	1.57E-278	Classical M Dok3
Abrac1	3.17E-281	1.075899	0.6	0.275	7.76E-277	Classical M Abrac1
Psma71	8.67E-280	0.984962	0.741	0.396	2.12E-275	Classical M Psma7

Rpl222	6.47E-278	0.683644	0.968	0.736	1.58E-273	Classical MRpl22
Rps62	8.51E-276	0.705307	0.949	0.674	2.09E-271	Classical MRps6
Il1b1	2.21E-275	1.404836	0.309	0.093	5.42E-271	Classical MIl1b
Rps262	8.49E-275	0.661922	0.982	0.814	2.08E-270	Classical MRps26
Btf31	2.37E-274	0.76819	0.904	0.598	5.80E-270	Classical MBtf3
Scand1	2.98E-274	0.902668	0.749	0.4	7.29E-270	Classical MScand1
Shisa5	6.46E-272	0.939968	0.779	0.443	1.58E-267	Classical MShisa5
Vav3	1.07E-271	0.900716	0.266	0.07	2.61E-267	Classical MVav3
Aprt1	3.03E-271	1.11735	0.568	0.259	7.41E-267	Classical MAprt
Ehd1	6.88E-270	1.469078	0.316	0.098	1.69E-265	Classical MEhd1
Rpl10a2	2.85E-269	0.607281	0.984	0.807	6.98E-265	Classical MRpl10a
Arcp2	5.89E-267	0.716855	0.942	0.696	1.44E-262	Classical MArcp2
Nap111	1.26E-266	0.984836	0.515	0.214	3.09E-262	Classical MNap111
Dynll1	1.95E-266	0.966053	0.737	0.403	4.76E-262	Classical MDynll1
Rpl37a2	2.42E-266	0.635243	0.987	0.847	5.92E-262	Classical MRpl37a
Rpl310	3.34E-266	0.624764	0.979	0.784	8.19E-262	Classical MRpl3
Cnn2	8.92E-265	0.698395	0.356	0.113	2.18E-260	Classical MCnn2
Sod21	1.54E-264	1.757242	0.439	0.178	3.77E-260	Classical MSod2
Eif3k1	4.44E-262	0.807793	0.823	0.469	1.09E-257	Classical MEif3k
Nupr1	1.22E-261	1.345454	0.437	0.171	3.00E-257	Classical MNupr1
Rpl36al2	6.99E-260	0.765304	0.921	0.634	1.71E-255	Classical MRpl36al
Cebpb1	2.73E-258	1.105445	0.821	0.525	6.68E-254	Classical MCebpb
Myl12a	9.20E-258	0.944453	0.768	0.437	2.25E-253	Classical MMyl12a
Mrpl33	1.17E-257	0.880481	0.564	0.251	2.86E-253	Classical MMrpl33
Svbp1	4.23E-257	1.077302	0.545	0.243	1.04E-252	Classical MSvbp
Cd44	1.39E-256	0.945847	0.467	0.186	3.41E-252	Classical MCd44
Myl6	2.02E-256	0.688401	0.9	0.594	4.94E-252	Classical MMyl6
H2-T222	4.11E-256	0.966645	0.66	0.33	1.01E-251	Classical MH2-T22
Pnp1	1.32E-255	1.052164	0.776	0.465	3.23E-251	Classical MPnp
Gbp6	4.54E-254	1.607545	0.274	0.081	1.11E-249	Classical MGbp6
Phf11d	7.89E-254	1.625188	0.318	0.104	1.93E-249	Classical MPhf11d
Cox5a1	1.12E-251	0.884909	0.776	0.447	2.75E-247	Classical MCox5a
Mpp1	2.00E-251	1.097698	0.388	0.14	4.91E-247	Classical MMpp1
Sash1	8.46E-251	0.826979	0.371	0.129	2.07E-246	Classical MSash1
Cd300lf1	3.88E-250	1.072364	0.374	0.133	9.51E-246	Classical MCd300lf
Tmem205	7.79E-250	1.417675	0.278	0.083	1.91E-245	Classical MTmem205
Lst1	4.24E-248	0.906253	0.815	0.523	1.04E-243	Classical MLst1
Fam241a	1.50E-246	1.531764	0.277	0.083	3.67E-242	Classical MFam241a
Eif3h2	2.68E-246	0.793705	0.806	0.471	6.57E-242	Classical MEif3h
Atp5l1	1.46E-244	0.766183	0.862	0.553	3.57E-240	Classical MAtp5l
Hsp90ab11	2.10E-244	0.626181	0.962	0.729	5.14E-240	Classical MHsp90ab1
Birc3	7.97E-244	1.063329	0.508	0.22	1.95E-239	Classical MBirc3
Glrx1	8.13E-244	1.250863	0.38	0.141	1.99E-239	Classical MGlrx
Rpl142	1.39E-243	0.63	0.963	0.704	3.40E-239	Classical MRpl14

Cycs	7.78E-243	1.093757	0.593	0.29	1.91E-238	Classical M	Cycs
Eef22	2.26E-242	0.653596	0.953	0.71	5.53E-238	Classical M	Eef2
Nadk	9.95E-242	0.899508	0.532	0.235	2.44E-237	Classical M	Nadk
Sdc41	1.46E-241	1.579345	0.348	0.125	3.57E-237	Classical M	Sdc4
Mapkapk2	8.37E-241	0.835942	0.639	0.314	2.05E-236	Classical M	Mapkapk2
Chmp4b1	3.08E-239	0.954248	0.759	0.45	7.55E-235	Classical M	Chmp4b
Arhgdib	2.19E-237	0.647885	0.89	0.605	5.36E-233	Classical M	Arhgdib
Tap1	1.25E-236	0.900753	0.704	0.374	3.07E-232	Classical M	Tap1
Marcksl1	2.32E-236	1.379577	0.387	0.147	5.68E-232	Classical M	Marcksl1
Rpl382	3.45E-236	0.785343	0.923	0.691	8.45E-232	Classical M	Rpl38
Psm4	3.04E-235	0.981692	0.516	0.229	7.45E-231	Classical M	Psm4
Arf5	1.61E-234	0.771034	0.8	0.466	3.95E-230	Classical M	Arf5
Eif5a1	5.47E-233	0.777729	0.805	0.476	1.34E-228	Classical M	Eif5a
Epsti1	1.10E-232	0.696625	0.727	0.396	2.69E-228	Classical M	Epsti1
Esd1	1.63E-232	0.875117	0.627	0.311	4.00E-228	Classical M	Esd1
Serf21	7.57E-230	0.623553	0.956	0.75	1.85E-225	Classical M	Serf2
Akr1a11	4.80E-229	0.665515	0.887	0.554	1.17E-224	Classical M	Akr1a1
Rplp22	2.42E-227	0.579737	0.978	0.793	5.92E-223	Classical M	Rplp2
Mrpl541	1.47E-226	1.005201	0.443	0.183	3.61E-222	Classical M	Mrpl54
Ppia1	7.01E-226	0.497012	0.992	0.876	1.72E-221	Classical M	Ppia
Gpi11	3.47E-225	0.774336	0.77	0.438	8.51E-221	Classical M	Gpi1
Ifnar11	5.03E-225	0.920495	0.505	0.224	1.23E-220	Classical M	Ifnar1
Rpp21	1.93E-222	1.007001	0.371	0.138	4.73E-218	Classical M	Rpp21
Diaph1	2.53E-222	0.969462	0.36	0.131	6.19E-218	Classical M	Diaph1
Cox8a1	1.23E-221	0.61606	0.964	0.775	3.01E-217	Classical M	Cox8a
Lsp1	7.76E-221	0.733299	0.456	0.192	1.90E-216	Classical M	Lsp1
Srgn	6.61E-220	1.054929	0.822	0.54	1.62E-215	Classical M	Srgn
St8sia4	4.13E-219	0.985096	0.286	0.091	1.01E-214	Classical M	St8sia4
Rps27l1	1.13E-218	0.72029	0.66	0.344	2.77E-214	Classical M	Rps27l
Jpt1	3.51E-218	0.805612	0.663	0.344	8.59E-214	Classical M	Jpt1
Ogfr1	2.40E-217	1.091351	0.441	0.187	5.87E-213	Classical M	Ogfr
Dhx58	2.42E-217	1.38653	0.276	0.089	5.91E-213	Classical M	Dhx58
Cox5b1	2.65E-217	0.746802	0.833	0.531	6.49E-213	Classical M	Cox5b
Rpl52	3.28E-217	0.672444	0.898	0.601	8.03E-213	Classical M	Rpl5
Hnrnpa3	3.78E-217	0.794075	0.754	0.439	9.25E-213	Classical M	Hnrnpa3
Rbm31	2.60E-216	0.697648	0.847	0.521	6.37E-212	Classical M	Rbm3
Cited21	3.71E-216	0.907304	0.575	0.28	9.09E-212	Classical M	Cited2
Snrpe1	6.92E-216	0.795408	0.652	0.337	1.69E-211	Classical M	Snrpe
Atp5o1	2.03E-215	0.775491	0.679	0.364	4.96E-211	Classical M	Atp5o
Tpm4	1.23E-214	0.991923	0.393	0.154	3.01E-210	Classical M	Tpm4
Nt5c	6.76E-212	0.947322	0.449	0.191	1.66E-207	Classical M	Nt5c
Siva1	1.07E-211	1.192668	0.292	0.098	2.63E-207	Classical M	Siva1
Pitpna	1.95E-211	0.788936	0.777	0.467	4.77E-207	Classical M	Pitpna
Morrbid1	1.18E-210	1.415131	0.313	0.112	2.88E-206	Classical M	Morrbid

Hpcal11	3.81E-210	0.749739	0.535	0.248	9.32E-206	Classical MHpcal1
Irgm1	1.14E-209	0.996553	0.512	0.234	2.78E-205	Classical MIrgm1
Rnase6	2.97E-209	0.956423	0.425	0.173	7.27E-205	Classical MRnase6
Arpc31	7.55E-209	0.628049	0.906	0.627	1.85E-204	Classical MArpc3
Ftl1-ps11	2.10E-208	0.741256	0.474	0.208	5.14E-204	Classical M Ftl1-ps1
Myl12b	2.38E-207	0.621969	0.897	0.621	5.83E-203	Classical MMyl12b
Sf3b5	2.83E-206	0.76492	0.59	0.291	6.93E-202	Classical MSf3b5
Aldh21	3.69E-206	0.590127	0.554	0.258	9.05E-202	Classical MAldh2
Tapbp1	5.67E-206	0.827877	0.786	0.488	1.39E-201	Classical MTapbp
Rab321	1.01E-205	1.032131	0.43	0.183	2.46E-201	Classical MRab32
Lsm41	6.03E-203	0.748178	0.528	0.245	1.48E-198	Classical MLsm4
Tmem192	6.80E-203	1.008342	0.342	0.127	1.67E-198	Classical MTmem192
Ifih1	2.00E-202	1.195583	0.369	0.147	4.90E-198	Classical MIfih1
Ly6e1	4.36E-202	0.596671	0.977	0.859	1.07E-197	Classical MLy6e
Gmfg	3.75E-201	0.631585	0.692	0.371	9.17E-197	Classical MGmfg
Arl5c1	1.10E-200	1.313012	0.337	0.129	2.70E-196	Classical MArl5c
Rps282	2.16E-200	0.673904	0.96	0.747	5.29E-196	Classical MRps28
Olfm1	2.89E-200	0.879702	0.25	0.077	7.08E-196	Classical MOlfm1
Sdcbp1	3.58E-200	0.774333	0.814	0.517	8.77E-196	Classical MSdcbp
Parp11	5.07E-199	1.134305	0.286	0.098	1.24E-194	Classical MParp11
Sec61g1	1.16E-198	0.789236	0.726	0.421	2.83E-194	Classical MSec61g
Sri	3.53E-196	0.704607	0.607	0.308	8.65E-192	Classical MSri
Rpl412	1.13E-195	0.551652	0.993	0.899	2.76E-191	Classical MRpl41
Coro1a	1.08E-194	0.670541	0.884	0.615	2.65E-190	Classical MCoro1a
Parp14	1.48E-194	0.94568	0.529	0.258	3.63E-190	Classical MParp14
Arrdc4	1.60E-194	1.371089	0.254	0.083	3.93E-190	Classical MArrdc4
Dennd1a1	1.86E-194	0.464734	0.657	0.337	4.56E-190	Classical MDennd1a
Smdt1	7.22E-194	0.651307	0.722	0.403	1.77E-189	Classical MSmdt1
Coro1b1	3.43E-193	0.749686	0.76	0.456	8.40E-189	Classical MCoro1b
Trim25	4.16E-193	0.959578	0.387	0.159	1.02E-188	Classical MTrim25
Eid1	5.05E-193	0.885475	0.368	0.146	1.24E-188	Classical MEid1
Atp5d1	6.39E-193	0.649179	0.821	0.514	1.56E-188	Classical MATp5d
Tmsb4x	2.15E-192	0.394802	1	0.966	5.27E-188	Classical MTmsb4x
Blvrb1	5.51E-192	0.59419	0.593	0.298	1.35E-187	Classical MBlvrb
Mcl11	7.96E-192	0.714922	0.818	0.526	1.95E-187	Classical MMcl1
Psap2	8.00E-192	0.475295	0.997	0.943	1.96E-187	Classical MPsap
Ndufb1-ps	2.72E-190	1.026923	0.548	0.287	6.67E-186	Classical MNdufb1-ps
Ybx3	5.02E-190	0.94967	0.304	0.109	1.23E-185	Classical MYbx3
Txn2	1.06E-189	0.776699	0.506	0.238	2.60E-185	Classical MTxn2
Cd47	3.12E-189	0.703804	0.762	0.445	7.65E-185	Classical MCd47
Psemb41	4.33E-189	0.766481	0.549	0.269	1.06E-184	Classical MPsemb4
Tpd52	2.22E-188	0.609155	0.732	0.412	5.45E-184	Classical MTPd52
Rpl302	3.21E-188	0.450769	0.996	0.893	7.87E-184	Classical MRpl30
Mvb12a	4.39E-188	0.865531	0.433	0.191	1.08E-183	Classical MMvb12a

Gabarap2	1.40E-187	0.563181	0.927	0.663	3.44E-183	Classical M	Gabarap
Iigp1	1.49E-187	0.938879	0.348	0.138	3.64E-183	Classical M	Iigp1
Bak11	2.61E-187	1.107424	0.326	0.125	6.40E-183	Classical M	Bak1
Atp5h	1.00E-186	0.579198	0.848	0.538	2.45E-182	Classical M	Atp5h
Banf11	1.17E-186	0.761046	0.532	0.256	2.85E-182	Classical M	Banf1
Rpl23a1	3.13E-186	0.666678	0.799	0.491	7.66E-182	Classical M	Rpl23a
Dazap2	5.57E-186	0.678464	0.747	0.44	1.36E-181	Classical M	Dazap2
Actg1	6.15E-186	0.628582	0.951	0.774	1.51E-181	Classical M	Actg1
Uqcrfs11	1.14E-185	0.748411	0.594	0.305	2.79E-181	Classical M	Uqcrfs1
Sulf2	2.65E-185	1.335552	0.272	0.096	6.49E-181	Classical M	Sulf2
Eif3i1	2.78E-185	0.713034	0.603	0.311	6.81E-181	Classical M	Eif3i
Cox6b11	1.06E-183	0.654896	0.826	0.544	2.59E-179	Classical M	Cox6b1
Hacd4	1.22E-182	0.744267	0.458	0.206	2.98E-178	Classical M	Hacd4
Rpl43	1.30E-182	0.614513	0.871	0.585	3.18E-178	Classical M	Rpl4
2410006H1	2.26E-182	0.768486	0.766	0.474	5.54E-178	Classical M	2410006H16Rik
Mvp1	2.95E-182	0.911301	0.41	0.179	7.23E-178	Classical M	Mvp
Hint11	1.60E-181	0.605462	0.822	0.513	3.93E-177	Classical M	Hint1
Cdk2ap2	3.53E-181	0.991446	0.557	0.299	8.65E-177	Classical M	Cdk2ap2
Tctex1d2	1.20E-180	0.937734	0.354	0.143	2.93E-176	Classical M	Tctex1d2
Psma21	2.04E-180	0.717527	0.635	0.344	5.00E-176	Classical M	Psma2
Chmp2a	5.22E-180	0.768936	0.574	0.295	1.28E-175	Classical M	Chmp2a
Npm12	1.66E-179	0.609961	0.837	0.533	4.06E-175	Classical M	Npm1
Hcls1	5.37E-179	0.726914	0.7	0.399	1.32E-174	Classical M	Hcls1
Eif3e1	8.98E-179	0.731536	0.575	0.293	2.20E-174	Classical M	Eif3e
Klf61	1.00E-178	0.681065	0.656	0.356	2.45E-174	Classical M	Klf6
Ezr	1.87E-177	0.800537	0.259	0.088	4.57E-173	Classical M	Ezr
Nmi	2.27E-177	1.047124	0.362	0.151	5.55E-173	Classical M	Nmi
Plekho21	3.26E-177	0.701861	0.436	0.195	7.98E-173	Classical M	Plekho2
Stat2	7.62E-177	1.004828	0.408	0.181	1.87E-172	Classical M	Stat2
Lrrc25	2.22E-176	0.696359	0.65	0.352	5.44E-172	Classical M	Lrrc25
Serp1	3.01E-176	0.759389	0.642	0.348	7.38E-172	Classical M	Serp1
Nop53	4.02E-176	0.880535	0.402	0.176	9.83E-172	Classical M	Nop53
Snrpg1	1.13E-175	0.641946	0.716	0.415	2.78E-171	Classical M	Snrpg
Elob1	1.37E-175	0.602699	0.813	0.51	3.36E-171	Classical M	Elob
Pgap2	8.01E-174	0.965219	0.365	0.153	1.96E-169	Classical M	Pgap2
Fos2	1.40E-173	0.538419	0.783	0.465	3.44E-169	Classical M	Fos
Lmo4	7.62E-173	0.9037	0.35	0.142	1.87E-168	Classical M	Lmo4
Tle5	7.96E-173	0.594919	0.698	0.39	1.95E-168	Classical M	Tle5
Pkm1	3.07E-172	0.750311	0.778	0.493	7.52E-168	Classical M	Pkm
Adap1	4.86E-171	0.914894	0.338	0.137	1.19E-166	Classical M	Adap1
Fam174a	7.65E-171	0.685519	0.586	0.303	1.87E-166	Classical M	Fam174a
St3gal4	1.28E-170	0.755786	0.31	0.117	3.13E-166	Classical M	St3gal4
Cast	4.45E-170	0.904882	0.29	0.108	1.09E-165	Classical M	Cast
Rps272	4.55E-170	0.562296	0.959	0.774	1.11E-165	Classical M	Rps27

Lamtor5	4.96E-170	0.685277	0.488	0.234	1.21E-165	Classical M	Lamtor5
App	1.97E-169	0.594669	0.814	0.525	4.82E-165	Classical M	App
Snrpf1	2.14E-169	0.753639	0.52	0.259	5.25E-165	Classical M	Snrpf
Rpl352	3.35E-169	0.552444	0.965	0.766	8.21E-165	Classical M	Rpl35
Znhit1	8.75E-169	0.812698	0.41	0.183	2.14E-164	Classical M	Znhit1
Ddx58	1.50E-168	0.987219	0.317	0.124	3.67E-164	Classical M	Ddx58
Arl111	1.73E-168	0.946352	0.362	0.154	4.23E-164	Classical M	Arl11
Rftn1	2.02E-168	0.520404	0.344	0.139	4.93E-164	Classical M	Rftn1
Mthfd2	8.13E-168	1.22096	0.277	0.103	1.99E-163	Classical M	Mthfd2
B4galnt1	1.75E-167	0.889679	0.375	0.162	4.28E-163	Classical M	B4galnt1
Eef1b22	4.06E-167	0.50727	0.935	0.666	9.95E-163	Classical M	Eef1b2
Gbp8	4.17E-167	1.040569	0.279	0.103	1.02E-162	Classical M	Gbp8
Myo1g	5.98E-167	0.657456	0.305	0.116	1.46E-162	Classical M	Myo1g
Dr1	7.21E-167	1.030784	0.263	0.093	1.76E-162	Classical M	Dr1
Sec61b1	9.52E-167	0.723309	0.737	0.45	2.33E-162	Classical M	Sec61b
AI4135821	1.70E-166	0.690513	0.593	0.316	4.15E-162	Classical M	AI413582
Neurl3	2.20E-166	0.681568	0.463	0.217	5.38E-162	Classical M	Neurl3
Ptpn61	4.66E-166	0.684882	0.791	0.5	1.14E-161	Classical M	Ptpn6
Tgtp2	1.12E-165	1.116511	0.274	0.101	2.75E-161	Classical M	Tgtp2
Rpl312	1.85E-165	0.591353	0.81	0.514	4.52E-161	Classical M	Rpl31
Calm3	2.54E-165	0.573918	0.604	0.32	6.21E-161	Classical M	Calm3
Tep1	2.72E-165	0.768538	0.435	0.2	6.65E-161	Classical M	Tep1
Ost4	2.85E-165	0.578225	0.786	0.484	6.98E-161	Classical M	Ost4
Capns11	3.40E-164	0.628567	0.627	0.337	8.33E-160	Classical M	Capns1
Ifi35	4.35E-164	0.864192	0.473	0.229	1.07E-159	Classical M	Ifi35
Prdx6	5.13E-164	0.754453	0.413	0.187	1.26E-159	Classical M	Prdx6
Tmem134	5.00E-163	0.70008	0.496	0.243	1.22E-158	Classical M	Tmem134
H2-T232	8.27E-163	0.533299	0.932	0.703	2.02E-158	Classical M	H2-T23
Psmb31	8.99E-163	0.63661	0.677	0.388	2.20E-158	Classical M	Psmb3
Sp110	9.34E-163	0.886892	0.475	0.234	2.29E-158	Classical M	Sp110
Atp5e1	1.38E-162	0.649774	0.873	0.64	3.38E-158	Classical M	Atp5e
Edf11	7.47E-162	0.610548	0.748	0.448	1.83E-157	Classical M	Edf1
Dbi	2.22E-161	0.392467	0.726	0.421	5.43E-157	Classical M	Dbi
Cyba2	2.83E-161	0.490316	0.987	0.855	6.92E-157	Classical M	Cyba
Pid11	4.35E-161	0.675412	0.679	0.402	1.06E-156	Classical M	Pid1
Rpl372	1.85E-160	0.48779	0.983	0.845	4.52E-156	Classical M	Rpl37
Tomm221	2.11E-160	0.628221	0.593	0.314	5.16E-156	Classical M	Tomm22
Nme11	6.31E-160	0.660461	0.506	0.25	1.54E-155	Classical M	Nme1
Cox14	1.27E-159	0.657016	0.512	0.254	3.12E-155	Classical M	Cox14
Eif1	8.69E-159	0.449513	0.978	0.826	2.13E-154	Classical M	Eif1
Clec4a31	1.08E-158	0.822364	0.529	0.276	2.64E-154	Classical M	Clec4a3
Tpi11	2.28E-158	0.939469	0.568	0.305	5.59E-154	Classical M	Tpi1
Psma51	2.47E-158	0.712843	0.561	0.296	6.04E-154	Classical M	Psma5
Gbp5	3.91E-158	1.580823	0.295	0.12	9.59E-154	Classical M	Gbp5

Batf3	4.14E-158	0.946463	0.405	0.186	1.01E-153	Classical M	Batf3
Tkt1	7.07E-158	0.627707	0.7	0.411	1.73E-153	Classical M	Tkt
Ndufb81	1.05E-157	0.581771	0.67	0.381	2.58E-153	Classical M	Ndufb8
Cox7a21	1.57E-157	0.594159	0.739	0.448	3.85E-153	Classical M	Cox7a2
Dtx3l	1.72E-157	0.975989	0.35	0.151	4.21E-153	Classical M	Dtx3l
Psmg4	6.86E-157	0.689381	0.512	0.259	1.68E-152	Classical M	Psmg4
Rps122	1.12E-156	0.42232	0.985	0.863	2.75E-152	Classical M	Rps12
Lamtor21	1.49E-156	0.596931	0.608	0.33	3.65E-152	Classical M	Lamtor2
Atp1a31	1.07E-155	1.053626	0.276	0.106	2.63E-151	Classical M	Atp1a3
Npm3	1.89E-155	0.982693	0.301	0.12	4.64E-151	Classical M	Npm3
Myo5a1	8.01E-155	0.416207	0.497	0.242	1.96E-150	Classical M	Myo5a
Klf131	1.43E-154	0.603822	0.568	0.299	3.50E-150	Classical M	Klf13
Snrpb	3.34E-154	0.590366	0.682	0.389	8.19E-150	Classical M	Snrpb
Psmg4	6.13E-154	0.735288	0.383	0.171	1.50E-149	Classical M	Psmg4
Uqcrq1	9.04E-154	0.643582	0.706	0.425	2.21E-149	Classical M	Uqcrq
Ldha1	3.91E-153	0.79458	0.709	0.432	9.57E-149	Classical M	Ldha
Tma7	6.31E-153	0.593805	0.677	0.394	1.55E-148	Classical M	Tma7
Tgm21	8.64E-153	2.007023	0.286	0.117	2.12E-148	Classical M	Tgm2
Srp9	6.62E-152	0.548002	0.643	0.356	1.62E-147	Classical M	Srp9
Trafd1	1.27E-151	0.710322	0.625	0.356	3.11E-147	Classical M	Trafd1
Cfl12	1.55E-151	0.461406	0.953	0.755	3.80E-147	Classical M	Cfl1
H2afy	3.67E-151	0.675027	0.642	0.365	8.98E-147	Classical M	H2afy
Csf2rb	6.12E-151	0.875251	0.484	0.247	1.50E-146	Classical M	Csf2rb
Ciao2a1	1.38E-150	0.688383	0.479	0.239	3.39E-146	Classical M	Ciao2a
Ran1	2.63E-150	0.621313	0.621	0.343	6.44E-146	Classical M	Ran
Atp5c11	4.48E-150	0.576342	0.783	0.49	1.10E-145	Classical M	Atp5c1
Cnih4	6.31E-150	0.645379	0.565	0.301	1.55E-145	Classical M	Cnih4
Ccl51	7.96E-150	0.973657	0.339	0.15	1.95E-145	Classical M	Ccl5
Milr11	1.54E-149	0.845487	0.352	0.154	3.78E-145	Classical M	Milr1
Myd88	6.55E-149	0.958567	0.309	0.127	1.60E-144	Classical M	Myd88
Ak21	1.68E-148	0.803935	0.5	0.262	4.11E-144	Classical M	Ak2
Atp6v0c2	3.09E-148	0.521467	0.958	0.767	7.57E-144	Classical M	Atp6v0c
Rab8a	3.58E-148	0.686765	0.416	0.194	8.78E-144	Classical M	Rab8a
Eno11	9.89E-148	0.69897	0.537	0.288	2.42E-143	Classical M	Eno1
Tomm71	1.08E-147	0.591462	0.652	0.373	2.63E-143	Classical M	Tomm7
Pold43	1.27E-147	0.648355	0.634	0.359	3.11E-143	Classical M	Pold4
S100a13	1.42E-147	0.63214	0.446	0.216	3.48E-143	Classical M	S100a13
1600014C1	3.57E-147	0.920427	0.377	0.173	8.75E-143	Classical M	1600014C10Rik
Bax1	6.00E-147	0.636904	0.625	0.351	1.47E-142	Classical M	Bax
Cmpk1	7.62E-147	0.630673	0.51	0.26	1.87E-142	Classical M	Cmpk1
Ndufb71	9.24E-147	0.556376	0.642	0.361	2.26E-142	Classical M	Ndufb7
Cox7b1	2.11E-146	0.63631	0.619	0.355	5.16E-142	Classical M	Cox7b
Dmac1	2.59E-146	0.857663	0.337	0.146	6.34E-142	Classical M	Dmac1
Cenpb1	2.76E-146	0.742967	0.327	0.139	6.76E-142	Classical M	Cenpb

Ppp4c	6.01E-146	0.584984	0.598	0.329	1.47E-141	Classical M	Ppp4c
Llph1	6.40E-146	0.660893	0.458	0.226	1.57E-141	Classical M	Llph1
Arf6	1.84E-145	0.683811	0.5	0.257	4.52E-141	Classical M	Arf6
Bloc1s11	2.13E-145	0.825621	0.435	0.216	5.22E-141	Classical M	Bloc1s11
Mien11	2.65E-145	0.728841	0.406	0.191	6.49E-141	Classical M	Mien11
Fcgr42	2.69E-145	0.80213	0.462	0.232	6.59E-141	Classical M	Fcgr4
Fam111a	3.57E-145	0.910108	0.321	0.135	8.74E-141	Classical M	Fam111a
Parp12	5.30E-145	0.8066	0.359	0.159	1.30E-140	Classical M	Parp12
Rpl36a2	7.43E-145	0.521908	0.898	0.639	1.82E-140	Classical M	Rpl36a
Plaur1	8.29E-145	0.896001	0.364	0.166	2.03E-140	Classical M	Plaur1
Rps152	1.46E-144	0.53883	0.84	0.555	3.57E-140	Classical M	Rps15
Gapdh1	2.53E-144	0.720723	0.849	0.618	6.19E-140	Classical M	Gapdh
Eif6	8.98E-144	0.725859	0.427	0.205	2.20E-139	Classical M	Eif6
C3ar12	1.12E-143	0.774692	0.664	0.414	2.74E-139	Classical M	C3ar1
Spg211	1.79E-143	0.655888	0.467	0.231	4.39E-139	Classical M	Spg21
Pgk11	2.97E-143	0.903958	0.477	0.248	7.27E-139	Classical M	Pgk1
Ppp1ca	6.25E-143	0.571091	0.732	0.451	1.53E-138	Classical M	Ppp1ca
Pilra	1.44E-142	0.754297	0.293	0.118	3.53E-138	Classical M	Pilra
Ptpn18	2.83E-142	0.515306	0.891	0.637	6.94E-138	Classical M	Ptpn18
Rpl122	2.92E-142	0.497048	0.925	0.686	7.16E-138	Classical M	Rpl12
Arid5b1	3.31E-142	0.608386	0.574	0.319	8.11E-138	Classical M	Arid5b
Oaz1	3.39E-142	0.430817	0.941	0.711	8.31E-138	Classical M	Oaz1
D8Ertd738e	3.81E-142	0.521147	0.723	0.43	9.32E-138	Classical M	D8Ertd738e
Irf11	5.55E-142	0.717989	0.574	0.317	1.36E-137	Classical M	Irf1
Mbd2	5.62E-142	0.578838	0.485	0.244	1.38E-137	Classical M	Mbd2
Rras	5.66E-142	0.786509	0.315	0.133	1.39E-137	Classical M	Rras
Fam49a	1.06E-141	0.660462	0.327	0.139	2.59E-137	Classical M	Fam49a
Txndc171	1.39E-141	0.541275	0.552	0.299	3.40E-137	Classical M	Txndc17
Tifab1	2.96E-141	0.685771	0.544	0.294	7.25E-137	Classical M	Tifab
Eef1g1	3.17E-141	0.546299	0.653	0.37	7.76E-137	Classical M	Eef1g
181003711	3.66E-141	0.546876	0.598	0.33	8.95E-137	Classical M	1810037117Rik
Atp5g31	5.64E-141	0.52678	0.85	0.58	1.38E-136	Classical M	Atp5g3
Nhp21	6.51E-141	0.790461	0.36	0.164	1.59E-136	Classical M	Nhp2
Sumo2	7.53E-140	0.502858	0.795	0.498	1.84E-135	Classical M	Sumo2
Rhog	7.59E-140	0.526118	0.872	0.62	1.86E-135	Classical M	Rhog
Eif3m1	1.38E-139	0.620914	0.518	0.27	3.38E-135	Classical M	Eif3m
9-Sep	1.49E-139	0.729517	0.315	0.134	3.66E-135	Classical M	9-Sep
Uqcr101	3.23E-139	0.559205	0.636	0.371	7.92E-135	Classical M	Uqcr10
Mrpl231	3.56E-139	0.545908	0.6	0.33	8.71E-135	Classical M	Mrpl23
Fam89b	3.77E-139	0.664248	0.498	0.258	9.24E-135	Classical M	Fam89b
Fam129a	6.01E-139	0.640848	0.337	0.147	1.47E-134	Classical M	Fam129a
Ndufb61	7.11E-139	0.590614	0.489	0.251	1.74E-134	Classical M	Ndufb6
Zfas11	9.22E-139	0.819994	0.386	0.182	2.26E-134	Classical M	Zfas1
Alox5ap1	1.25E-138	0.631355	0.841	0.639	3.07E-134	Classical M	Alox5ap

Atp5b1	1.66E-138	0.551517	0.799	0.522	4.07E-134	Classical M	Atp5b
Sdhb1	6.66E-138	0.568714	0.661	0.386	1.63E-133	Classical M	Sdhb
Cd2741	1.02E-137	1.124802	0.299	0.128	2.49E-133	Classical M	Cd274
Snu13	1.96E-137	0.56582	0.565	0.305	4.81E-133	Classical M	Snu13
Gm2a2	2.26E-137	0.620328	0.701	0.426	5.54E-133	Classical M	Gm2a
Ndufa61	2.61E-137	0.503564	0.801	0.507	6.38E-133	Classical M	Ndufa6
Aurkaip11	2.70E-137	0.579443	0.489	0.251	6.61E-133	Classical M	Aurkaip1
Timm10b	5.44E-137	0.599904	0.693	0.421	1.33E-132	Classical M	Timm10b
Dusp12	6.85E-137	0.650635	0.633	0.373	1.68E-132	Classical M	Dusp1
P2rx41	1.14E-136	0.550942	0.565	0.306	2.78E-132	Classical M	P2rx4
Mrps241	1.77E-136	0.563804	0.513	0.268	4.34E-132	Classical M	Mrps24
Snrpb2	2.64E-136	0.795922	0.34	0.151	6.46E-132	Classical M	Snrpb2
Ubb1	6.86E-136	0.357729	0.984	0.86	1.68E-131	Classical M	Ubb
Tomm61	1.75E-135	0.493421	0.802	0.519	4.29E-131	Classical M	Tomm6
Atp2b11	2.15E-135	0.494001	0.721	0.444	5.27E-131	Classical M	Atp2b1
Atp5j21	6.07E-135	0.546625	0.781	0.507	1.49E-130	Classical M	Atp5j2
Ap2s11	9.57E-135	0.56602	0.537	0.288	2.34E-130	Classical M	Ap2s1
Psemb11	1.27E-134	0.532401	0.672	0.39	3.11E-130	Classical M	Psemb1
Hnrnpul2	2.79E-134	0.590862	0.45	0.224	6.84E-130	Classical M	Hnrnpul2
Nop10	4.43E-134	0.561813	0.529	0.283	1.08E-129	Classical M	Nop10
Glud1	5.05E-134	0.523777	0.591	0.33	1.24E-129	Classical M	Glud1
Trim30a1	1.05E-133	0.658908	0.562	0.313	2.56E-129	Classical M	Trim30a
Sf3b6	2.93E-133	0.549813	0.562	0.308	7.18E-129	Classical M	Sf3b6
Nedd8	9.75E-133	0.500634	0.727	0.438	2.39E-128	Classical M	Nedd8
Ensa	2.04E-132	0.690791	0.318	0.138	5.01E-128	Classical M	Ensa
BC005537	2.50E-132	0.685493	0.377	0.177	6.11E-128	Classical M	BC005537
Atp5md	4.95E-132	0.565177	0.653	0.392	1.21E-127	Classical M	Atp5md
Uqcrb1	8.23E-132	0.49729	0.684	0.411	2.01E-127	Classical M	Uqcrb
Tomm51	1.91E-131	0.642981	0.4	0.192	4.69E-127	Classical M	Tomm5
Pin4	8.35E-131	0.757565	0.322	0.143	2.04E-126	Classical M	Pin4
Cacybp	1.18E-130	0.641285	0.391	0.187	2.90E-126	Classical M	Cacybp
Vamp81	1.40E-130	0.493981	0.854	0.582	3.42E-126	Classical M	Vamp8
Copz1	1.57E-130	0.605778	0.434	0.216	3.83E-126	Classical M	Copz1
Rpl392	3.15E-130	0.43652	0.973	0.814	7.72E-126	Classical M	Rpl39
Gnb2	4.43E-130	0.493665	0.846	0.57	1.08E-125	Classical M	Gnb2
Raly	4.66E-130	0.575053	0.526	0.283	1.14E-125	Classical M	Raly
Pml	8.45E-130	1.023707	0.266	0.109	2.07E-125	Classical M	Pml
Plaat31	1.13E-129	0.825908	0.401	0.199	2.76E-125	Classical M	Plaat3
Rps172	1.36E-129	0.512998	0.827	0.551	3.34E-125	Classical M	Rps17
Rpl212	1.70E-129	0.337254	0.995	0.886	4.15E-125	Classical M	Rpl21
Bcl2a1b1	3.40E-129	0.789475	0.672	0.429	8.34E-125	Classical M	Bcl2a1b
Slc9a3r1	6.00E-129	0.620795	0.363	0.168	1.47E-124	Classical M	Slc9a3r1
Rtcb1	1.13E-128	0.609221	0.543	0.297	2.78E-124	Classical M	Rtcb
Atp5g11	1.84E-128	0.480015	0.734	0.455	4.51E-124	Classical M	Atp5g1

Eif4b1	3.38E-128	0.607455	0.512	0.275	8.27E-124	Classical MEif4b
Tmem2561	3.94E-128	0.52997	0.558	0.307	9.65E-124	Classical MTmem256
Nfkb2	9.41E-128	1.005323	0.252	0.101	2.30E-123	Classical MNfkb2
Atp6v1b21	1.28E-127	0.578261	0.58	0.325	3.14E-123	Classical MAtp6v1b2
Psmb51	1.97E-127	0.523961	0.587	0.328	4.83E-123	Classical MPsmb5
Gbp7	5.07E-127	0.875447	0.379	0.183	1.24E-122	Classical M Gbp7
Snrpd1	1.06E-126	0.656354	0.411	0.203	2.58E-122	Classical MSnrpd1
Msn	1.08E-126	0.560327	0.832	0.58	2.65E-122	Classical MMsn
Vasp	1.58E-126	0.636017	0.547	0.307	3.88E-122	Classical MVasp
Ap1s2	2.20E-126	0.607386	0.349	0.159	5.38E-122	Classical M Ap1s2
Dapk1	3.91E-126	0.565989	0.298	0.127	9.57E-122	Classical MDapk1
Smim14	4.17E-126	0.515753	0.541	0.294	1.02E-121	Classical M Smim14
Sub1	5.07E-126	0.516037	0.747	0.477	1.24E-121	Classical M Sub1
Mrps16	7.35E-126	0.628407	0.398	0.194	1.80E-121	Classical M Mrps16
Polr1d1	1.00E-125	0.503991	0.688	0.41	2.46E-121	Classical M Polr1d
Mrpl522	1.83E-125	0.551034	0.728	0.46	4.47E-121	Classical M Mrpl52
Churc1	4.70E-125	0.659598	0.339	0.156	1.15E-120	Classical M Churc1
Eif2b2	8.44E-125	0.980043	0.259	0.107	2.07E-120	Classical MEif2b2
Dctn3	8.68E-125	0.536182	0.502	0.266	2.13E-120	Classical MDctn3
Tent5a	1.88E-124	0.591232	0.471	0.243	4.61E-120	Classical MTent5a
Rps252	4.95E-124	0.464759	0.883	0.626	1.21E-119	Classical MRps25
Arhgdia1	6.86E-124	0.46415	0.811	0.52	1.68E-119	Classical M Arhgdia
Snx101	8.81E-124	0.558867	0.471	0.246	2.16E-119	Classical M Snx10
Gng51	8.83E-124	0.419443	0.931	0.709	2.16E-119	Classical M Gng5
Taldo11	1.10E-123	0.432763	0.734	0.47	2.70E-119	Classical MTaldo1
Rpl13a2	1.12E-123	0.38118	0.975	0.784	2.74E-119	Classical MRpl13a
Hnrnpf	2.32E-123	0.476435	0.78	0.499	5.67E-119	Classical MHnrnpf
Kxd11	4.75E-123	0.584568	0.454	0.235	1.16E-118	Classical MKxd1
S100a12	6.15E-123	0.323529	0.371	0.173	1.51E-118	Classical MS100a1
Pfdn52	2.82E-122	0.424947	0.92	0.679	6.90E-118	Classical MPfdn5
Polr2f1	6.78E-122	0.576744	0.385	0.187	1.66E-117	Classical M Polr2f
Fcer1g2	1.29E-121	0.354129	0.997	0.9	3.16E-117	Classical MFcer1g
Bola21	2.33E-121	0.616519	0.429	0.219	5.70E-117	Classical MBola2
Pdcd6	1.87E-120	0.596996	0.397	0.197	4.57E-116	Classical MPdcd6
Tmem219	5.83E-120	0.539258	0.566	0.319	1.43E-115	Classical MTmem219
Sap18	5.98E-120	0.509731	0.517	0.28	1.47E-115	Classical MSap18
Mrps14	9.18E-120	0.526512	0.459	0.239	2.25E-115	Classical M Mrps14
Abhd17a1	2.27E-119	0.595765	0.431	0.222	5.57E-115	Classical M Abhd17a
Pomp2	2.28E-119	0.497051	0.815	0.537	5.59E-115	Classical MPomp
Alyref	3.67E-119	0.557772	0.405	0.201	8.99E-115	Classical MAlyref
Rex1bd1	1.02E-118	0.528772	0.443	0.229	2.50E-114	Classical M Rex1bd
Mrpl14	1.83E-118	0.540544	0.419	0.212	4.47E-114	Classical M Mrpl14
Hnrnpa11	1.87E-118	0.50718	0.631	0.373	4.59E-114	Classical MHnrnpa1
Ptprc1	2.25E-118	0.470738	0.821	0.563	5.52E-114	Classical MPtprc

Mta3	2.94E-118	0.519297	0.34	0.157	7.20E-114	Classical M	Mta3
Snx3	6.64E-118	0.43782	0.706	0.431	1.63E-113	Classical M	Snx3
Cox4i12	1.63E-117	0.37046	0.972	0.795	3.99E-113	Classical M	Cox4i1
Zmiz2	2.24E-117	0.696916	0.292	0.128	5.49E-113	Classical M	Zmiz2
Cdk8	4.18E-117	0.522035	0.981	0.898	1.02E-112	Classical M	Cdk8
Prr13	4.70E-117	0.343023	0.574	0.323	1.15E-112	Classical M	Prr13
Ehbp1l1	1.10E-116	0.555128	0.388	0.191	2.68E-112	Classical M	Ehbp1l1
Uba522	1.61E-116	0.530512	0.714	0.448	3.94E-112	Classical M	Uba52
Atp5k1	1.73E-116	0.629762	0.401	0.203	4.23E-112	Classical M	Atp5k
Rnh11	2.33E-116	0.574597	0.584	0.339	5.70E-112	Classical M	Rnh1
Atp5g22	3.30E-116	0.420621	0.917	0.676	8.07E-112	Classical M	Atp5g2
Gltp2	7.75E-116	0.480464	0.632	0.367	1.90E-111	Classical M	Gltp
Chchd21	1.17E-115	0.547893	0.606	0.363	2.86E-111	Classical M	Chchd2
Cct51	4.54E-115	0.541593	0.482	0.26	1.11E-110	Classical M	Cct5
Atp6v1f2	8.67E-115	0.410517	0.836	0.545	2.12E-110	Classical M	Atp6v1f
Nudt21	1.18E-114	0.626695	0.35	0.168	2.89E-110	Classical M	Nudt21
Hnrnpab1	1.35E-114	0.497879	0.578	0.329	3.32E-110	Classical M	Hnrnpab1
Ubxn11	1.40E-114	0.440792	0.645	0.375	3.43E-110	Classical M	Ubxn1
Impdh21	1.71E-114	0.708478	0.343	0.164	4.18E-110	Classical M	Impdh2
Cyth1	1.91E-114	0.534333	0.327	0.151	4.67E-110	Classical M	Cyth1
Mrps361	2.34E-114	0.623029	0.359	0.175	5.73E-110	Classical M	Mrps36
Fkbp1a	3.36E-114	0.449661	0.574	0.325	8.22E-110	Classical M	Fkbp1a
Cox7c1	3.94E-114	0.483381	0.81	0.563	9.65E-110	Classical M	Cox7c
Set	4.54E-114	0.511568	0.545	0.308	1.11E-109	Classical M	Set
Cd481	7.10E-114	0.49726	0.653	0.392	1.74E-109	Classical M	Cd48
Pde4b	9.52E-114	0.737301	0.425	0.224	2.33E-109	Classical M	Pde4b
Snrpd21	9.86E-114	0.504251	0.474	0.254	2.41E-109	Classical M	Snrpd2
Bcl7c	1.16E-113	0.681274	0.296	0.133	2.84E-109	Classical M	Bcl7c
Rbm8a	2.16E-113	0.607409	0.369	0.182	5.29E-109	Classical M	Rbm8a
Dnaja1	2.49E-113	0.52601	0.511	0.283	6.09E-109	Classical M	Dnaja1
Hivep2	4.00E-113	0.62253	0.263	0.112	9.79E-109	Classical M	Hivep2
Rbx1	5.24E-113	0.443648	0.723	0.452	1.28E-108	Classical M	Rbx1
Ndufv2	7.53E-113	0.467179	0.515	0.285	1.84E-108	Classical M	Ndufv2
Tmpo	1.07E-112	0.815612	0.332	0.159	2.63E-108	Classical M	Tmpo
Hmga11	1.27E-112	0.775916	0.296	0.135	3.12E-108	Classical M	Hmga1
Snrpd3	2.20E-112	0.59945	0.439	0.233	5.39E-108	Classical M	Snrpd3
Znrd1	2.57E-112	0.603364	0.355	0.171	6.30E-108	Classical M	Znrd1
Tmem1601	4.59E-112	0.509117	0.511	0.283	1.12E-107	Classical M	Tmem160
Cct41	3.85E-111	0.517033	0.53	0.297	9.44E-107	Classical M	Cct4
Ndufa131	4.04E-111	0.451682	0.79	0.524	9.90E-107	Classical M	Ndufa13
Ranbp11	4.41E-111	0.501581	0.48	0.26	1.08E-106	Classical M	Ranbp1
Psm81	1.01E-110	0.506538	0.546	0.307	2.48E-106	Classical M	Psm8
Sra11	1.03E-110	0.567099	0.38	0.19	2.53E-106	Classical M	Sra1
Ccnd1	1.73E-110	0.836083	0.394	0.207	4.24E-106	Classical M	Ccnd1

Igtp	1.99E-110	0.761174	0.403	0.211	4.87E-106	Classical M	Igtp
Eif3d	2.40E-110	0.5924	0.392	0.199	5.88E-106	Classical M	Eif3d
Mrpl281	9.06E-110	0.615487	0.307	0.142	2.22E-105	Classical M	Mrpl28
Sys11	1.49E-109	0.525554	0.518	0.292	3.64E-105	Classical M	Sys1
Plekhf2	1.92E-109	0.726846	0.351	0.174	4.69E-105	Classical M	Plekhf2
Ethe11	2.54E-109	0.813779	0.284	0.129	6.21E-105	Classical M	Ethe1
Iah11	2.64E-109	0.659048	0.305	0.141	6.47E-105	Classical M	Iah1
Dph3	3.01E-109	0.665667	0.295	0.135	7.38E-105	Classical M	Dph3
Rtraf2	3.05E-109	0.442356	0.673	0.407	7.46E-105	Classical M	Rtraf
Ube2a	4.74E-109	0.619454	0.417	0.219	1.16E-104	Classical M	Ube2a
Blvra1	1.19E-108	0.532383	0.363	0.177	2.92E-104	Classical M	Blvra
Uba1	1.49E-108	0.560023	0.391	0.198	3.65E-104	Classical M	Uba1
Polr2j	1.63E-108	0.53007	0.386	0.194	3.99E-104	Classical M	Polr2j
Naaa	5.39E-108	0.793594	0.37	0.189	1.32E-103	Classical M	Naaa
Prkcd1	6.52E-108	0.694238	0.744	0.515	1.60E-103	Classical M	Prkcd
Dnajc15	1.96E-107	0.555437	0.384	0.196	4.80E-103	Classical M	Dnajc15
Ywhab	2.64E-107	0.428481	0.584	0.337	6.46E-103	Classical M	Ywhab
Rassf4	5.12E-107	0.551366	0.615	0.375	1.25E-102	Classical M	Rassf4
Mrps21	6.36E-107	0.423819	0.579	0.334	1.56E-102	Classical M	Mrps21
1810058I2	1.94E-106	0.403768	0.471	0.253	4.76E-102	Classical M	1810058I24Rik
Acsl1	2.47E-106	0.726025	0.321	0.153	6.04E-102	Classical M	Acsl1
Mkrm1	3.24E-106	0.287713	0.52	0.29	7.93E-102	Classical M	Mkrm1
Cdc371	4.04E-106	0.437352	0.553	0.314	9.89E-102	Classical M	Cdc37
Nab1	4.16E-106	0.711949	0.277	0.125	1.02E-101	Classical M	Nab1
Ccl21	5.32E-106	0.747169	0.303	0.144	1.30E-101	Classical M	Ccl2
Gngt2	5.43E-106	0.45199	0.699	0.45	1.33E-101	Classical M	Gngt2
Uqcrh2	6.75E-106	0.40871	0.851	0.587	1.65E-101	Classical M	Uqcrh
Map1lc3b	2.81E-105	0.391956	0.576	0.335	6.87E-101	Classical M	Map1lc3b
Gas5	3.26E-105	0.458367	0.803	0.546	7.98E-101	Classical M	Gas5
Mrpl18	3.37E-105	0.52481	0.372	0.187	8.25E-101	Classical M	Mrpl18
Serbp11	5.70E-105	0.39442	0.656	0.394	1.40E-100	Classical M	Serbp1
Tor3a1	7.17E-105	0.561438	0.499	0.281	1.76E-100	Classical M	Tor3a
Ndufb21	7.66E-105	0.482044	0.443	0.237	1.88E-100	Classical M	Ndufb2
Gnai2	1.16E-104	0.377721	0.953	0.774	2.85E-100	Classical M	Gnai2
Rac21	2.07E-104	0.32542	0.708	0.445	5.07E-100	Classical M	Rac2
Eif3a1	3.43E-104	0.443042	0.571	0.332	8.41E-100	Classical M	Eif3a
Fundc21	4.71E-104	0.604551	0.32	0.154	1.15E-99	Classical M	Fundc2
Ninj11	5.16E-104	0.714402	0.534	0.32	1.26E-99	Classical M	Ninj1
Lman2	6.68E-104	0.4578	0.52	0.294	1.63E-99	Classical M	Lman2
Pole4	7.20E-104	0.556682	0.326	0.157	1.76E-99	Classical M	Pole4
Mrpl361	1.20E-103	0.561652	0.372	0.189	2.93E-99	Classical M	Mrpl36
Csnk2b1	2.37E-103	0.470973	0.56	0.326	5.80E-99	Classical M	Csnk2b
Cox6c1	3.90E-103	0.411987	0.81	0.568	9.55E-99	Classical M	Cox6c
Uqcc21	4.38E-103	0.439647	0.495	0.276	1.07E-98	Classical M	Uqcc2

Psmb61	5.99E-103	0.416033	0.62	0.367	1.47E-98	Classical M Psmb6
Tcp11	6.12E-103	0.500592	0.447	0.241	1.50E-98	Classical M Tcp1
Tmbim1	2.73E-102	0.803654	0.255	0.113	6.69E-98	Classical M Tmbim1
Ndufa3	3.11E-102	0.501443	0.604	0.37	7.61E-98	Classical M Ndufa3
Znfx1	3.79E-102	0.584344	0.472	0.265	9.29E-98	Classical M Znfx1
Gatm2	3.93E-102	0.909925	0.591	0.386	9.62E-98	Classical M Gatm
Snrpc	4.44E-102	0.458412	0.427	0.227	1.09E-97	Classical M Snrpc
Mrpl57	6.24E-102	0.452678	0.397	0.205	1.53E-97	Classical M Mrpl57
Sdhd1	1.17E-101	0.484893	0.479	0.267	2.88E-97	Classical M Sdhd
Ndufaf8	1.24E-101	0.527067	0.346	0.172	3.05E-97	Classical M Ndufaf8
Supt4a	1.29E-101	0.422922	0.523	0.297	3.16E-97	Classical M Supt4a
Rexo21	1.93E-101	0.494039	0.412	0.218	4.72E-97	Classical M Rexo2
Cct21	2.23E-101	0.461263	0.512	0.289	5.47E-97	Classical M Cct2
Mrpl21	2.69E-101	0.639798	0.291	0.136	6.60E-97	Classical M Mrpl21
Pfdn6	3.12E-101	0.758644	0.266	0.12	7.64E-97	Classical M Pfdn6
Coa51	5.19E-101	0.684483	0.298	0.141	1.27E-96	Classical M Coa5
Tagap1	5.27E-101	0.570797	0.445	0.243	1.29E-96	Classical M Tagap
Brd2	9.43E-101	0.445112	0.466	0.255	2.31E-96	Classical M Brd2
Ndufa71	9.89E-101	0.377996	0.744	0.484	2.42E-96	Classical M Ndufa7
Pcbp12	1.52E-100	0.440824	0.776	0.515	3.73E-96	Classical M Pcbp1
Eif1ax	2.80E-100	0.705366	0.27	0.124	6.86E-96	Classical M Eif1ax
Amdhd21	6.33E-100	0.645703	0.336	0.167	1.55E-95	Classical M Amdhd2
Nin	6.45E-100	0.494323	0.289	0.133	1.58E-95	Classical M Nin
Ndufb3	1.10E-99	0.380165	0.522	0.295	2.69E-95	Classical M Ndufb3
Mif2	1.57E-99	0.698123	0.662	0.424	3.84E-95	Classical M Mif
Ndufa14	1.99E-99	0.457617	0.549	0.321	4.87E-95	Classical M Ndufa1
Ndufb10	3.44E-99	0.369032	0.642	0.389	8.41E-95	Classical M Ndufb10
Cct71	6.27E-99	0.494195	0.459	0.252	1.54E-94	Classical M Cct7
Mtpn	6.29E-99	0.533886	0.41	0.22	1.54E-94	Classical M Mtpn
Cwc15	6.97E-99	0.382096	0.529	0.301	1.71E-94	Classical M Cwc15
Hdgf1	8.20E-99	0.566478	0.332	0.166	2.01E-94	Classical M Hdgf
Hcfc1r11	1.14E-98	0.407549	0.466	0.256	2.80E-94	Classical M Hcfc1r11
Psma3	1.68E-98	0.439206	0.657	0.41	4.12E-94	Classical M Psma3
Ube2v11	2.51E-98	0.387771	0.495	0.275	6.14E-94	Classical M Ube2v1
Bin3	2.75E-98	0.535961	0.294	0.138	6.73E-94	Classical M Bin3
Scp2	2.80E-98	0.332727	0.567	0.328	6.86E-94	Classical M Scp2
Nono	3.57E-98	0.446387	0.498	0.28	8.75E-94	Classical M Nono
Spr	3.91E-98	0.621353	0.263	0.119	9.59E-94	Classical M Spr
Rab9	5.30E-98	0.677502	0.26	0.117	1.30E-93	Classical M Rab9
Eif3c	2.11E-97	0.437165	0.559	0.33	5.16E-93	Classical M Eif3c
Ntan1	2.71E-97	0.42888	0.351	0.176	6.63E-93	Classical M Ntan1
Cox6a11	3.30E-97	0.383366	0.761	0.502	8.07E-93	Classical M Cox6a1
Card19	3.37E-97	0.499142	0.437	0.24	8.26E-93	Classical M Card19
Rhoa	5.13E-97	0.403253	0.898	0.678	1.26E-92	Classical M Rhoa

Nfkbiz2	5.24E-97	0.339112	0.451	0.247	1.28E-92	Classical MNfkbiz
Ostf1	1.18E-96	0.34399	0.749	0.482	2.88E-92	Classical MOstf1
Gtf2h5	1.72E-96	0.445134	0.375	0.195	4.20E-92	Classical MGtf2h5
Mrps18c	4.23E-96	0.471304	0.355	0.18	1.04E-91	Classical MMrps18c
Snx2	6.49E-96	0.375185	0.557	0.327	1.59E-91	Classical MSnx2
Sigmar1	6.99E-96	0.633193	0.29	0.138	1.71E-91	Classical MSigmar1
Trmt112	1.09E-95	0.376356	0.742	0.474	2.68E-91	Classical MTrmt112
ldnk	1.26E-95	0.491021	0.398	0.212	3.09E-91	Classical Mldnk
5-Mar	1.63E-95	0.65055	0.423	0.234	3.99E-91	Classical M 5-Mar
Aif12	3.92E-95	0.450657	0.906	0.694	9.60E-91	Classical MAif1
Rwdd1	5.33E-95	0.4938	0.366	0.19	1.31E-90	Classical MRwdd1
Slc48a11	7.47E-95	0.37739	0.313	0.152	1.83E-90	Classical MSlc48a1
Gm118082	1.35E-94	0.502486	0.511	0.296	3.31E-90	Classical MGm11808
Bccip	1.69E-94	0.483942	0.301	0.145	4.13E-90	Classical MBccip
Isoc1	2.19E-94	0.739769	0.264	0.122	5.36E-90	Classical MIsoc1
Tgif11	2.63E-94	0.587048	0.326	0.162	6.45E-90	Classical MTgif1
Gbp9	2.83E-94	0.820337	0.255	0.116	6.92E-90	Classical MGbp9
Atp5f1	2.95E-94	0.401068	0.726	0.472	7.23E-90	Classical MAtp5f1
Rasa41	8.31E-94	0.411568	0.57	0.336	2.04E-89	Classical MRasa4
G6pdx	9.37E-94	0.55103	0.292	0.14	2.29E-89	Classical MG6pdx
Timm131	1.40E-93	0.41939	0.551	0.327	3.42E-89	Classical MTimm131
Tbcb1	2.02E-93	0.447773	0.455	0.254	4.94E-89	Classical MTbcb
Map7d1	2.96E-93	0.487477	0.4	0.214	7.24E-89	Classical MMap7d1
Prdx2	3.02E-93	0.334369	0.574	0.341	7.40E-89	Classical MPrdx2
Rab5c1	3.09E-93	0.435198	0.596	0.361	7.58E-89	Classical MRab5c
Txndc91	4.02E-93	0.490322	0.364	0.188	9.84E-89	Classical MTxndc9
Fbxo61	4.05E-93	0.641767	0.289	0.14	9.91E-89	Classical MFbxo6
Hnrnpd	5.22E-93	0.418556	0.546	0.323	1.28E-88	Classical MHnrnpd
BC028528	7.28E-93	0.565635	0.441	0.247	1.78E-88	Classical MBC028528
Ndufc11	1.37E-92	0.430314	0.479	0.275	3.35E-88	Classical MNdufc1
Gpsm3	1.42E-92	0.369852	0.618	0.376	3.48E-88	Classical MGpsm3
Atp5a11	1.63E-92	0.418946	0.703	0.46	3.99E-88	Classical MAtp5a1
Vdac3	2.09E-92	0.450351	0.431	0.237	5.12E-88	Classical MVdac3
Slfn8	2.64E-92	0.527417	0.369	0.193	6.47E-88	Classical MSlfn8
Pgam11	3.20E-92	0.580516	0.559	0.339	7.83E-88	Classical MPgam1
Cdc42se1	6.52E-92	0.413911	0.482	0.273	1.60E-87	Classical MCdc42se1
Pgls1	8.50E-92	0.377762	0.602	0.366	2.08E-87	Classical MPgls
Grpel1	1.33E-91	0.491215	0.347	0.179	3.25E-87	Classical MGrpel1
Cox7a2l2	2.30E-91	0.378651	0.709	0.446	5.64E-87	Classical MCox7a2l
Ndufs7	2.32E-91	0.33007	0.62	0.375	5.68E-87	Classical MNdufs7
Cmc11	2.41E-91	0.446235	0.392	0.209	5.89E-87	Classical MCmc1
Mrpl4	3.21E-91	0.447744	0.386	0.205	7.85E-87	Classical MMrpl4
Cib1	3.27E-91	0.532131	0.354	0.183	8.02E-87	Classical MCib1
Tpr	6.21E-91	0.348957	0.58	0.344	1.52E-86	Classical MTpr

Ndufs61	9.88E-91	0.400772	0.383	0.203	2.42E-86	Classical MNdufs6
Tmem167	1.43E-90	0.41159	0.466	0.263	3.51E-86	Classical MTmem167
Lsm3	1.54E-90	0.570042	0.29	0.14	3.78E-86	Classical MLsm3
Fis11	1.69E-90	0.388232	0.706	0.457	4.14E-86	Classical MFis1
Cdc42	1.80E-90	0.354327	0.922	0.721	4.41E-86	Classical MCdc42
Slk	1.81E-90	0.467775	0.312	0.154	4.43E-86	Classical MSlk
Chchd11	2.03E-90	0.469042	0.372	0.196	4.96E-86	Classical MChchd1
Ccdc861	2.47E-90	0.761052	0.316	0.161	6.05E-86	Classical MCcdc86
Mrpl201	2.52E-90	0.437191	0.447	0.25	6.17E-86	Classical MMrpl20
Hprt	3.75E-90	0.367735	0.561	0.335	9.19E-86	Classical MHprt
Was	5.20E-90	0.418402	0.426	0.233	1.27E-85	Classical MWas
Snx1	6.04E-90	0.375984	0.413	0.223	1.48E-85	Classical MSnx1
Tcof1	9.66E-90	0.606569	0.277	0.133	2.37E-85	Classical MTcof1
Gsdmd	1.28E-89	0.44002	0.498	0.288	3.14E-85	Classical MGsdmd
Hspe12	1.31E-89	0.402516	0.665	0.416	3.22E-85	Classical MHspe1
H13	1.33E-89	0.371646	0.537	0.314	3.27E-85	Classical MH13
Ndufa21	1.43E-89	0.344385	0.676	0.425	3.50E-85	Classical MNdufa2
Mrpl271	1.94E-89	0.527964	0.299	0.147	4.75E-85	Classical MMrpl27
Gyg1	2.30E-89	0.642792	0.296	0.147	5.63E-85	Classical MGyg
Atp5mpl2	3.08E-89	0.41218	0.646	0.408	7.55E-85	Classical MAtp5mpl
Idh3b1	4.65E-89	0.464971	0.461	0.264	1.14E-84	Classical MIdh3b
Lsm7	6.14E-89	0.424975	0.404	0.221	1.50E-84	Classical MLsm7
Ndufa121	7.25E-89	0.392022	0.448	0.252	1.77E-84	Classical MNdufa12
Ahsa1	7.40E-89	0.446264	0.376	0.2	1.81E-84	Classical MAhsa1
Ubl51	7.81E-89	0.375662	0.718	0.472	1.91E-84	Classical MUbl5
Mdh21	2.79E-88	0.358015	0.571	0.345	6.83E-84	Classical MMdh2
Aip	3.05E-88	0.488238	0.371	0.197	7.47E-84	Classical MAip
Aldoa1	3.10E-88	0.54734	0.809	0.585	7.59E-84	Classical MAldoa
Rbm421	3.18E-88	0.416031	0.44	0.246	7.79E-84	Classical MRbm42
Ndufb52	3.27E-88	0.366727	0.595	0.363	8.00E-84	Classical MNdufb5
Soat11	8.69E-88	0.402767	0.484	0.278	2.13E-83	Classical MSoat1
Gm20001	1.11E-87	0.690484	0.262	0.125	2.71E-83	Classical MGm2000
Rab1b	3.16E-87	0.44226	0.448	0.254	7.73E-83	Classical MRab1b
Parp9	3.27E-87	0.452719	0.397	0.217	8.00E-83	Classical MParp9
Myo1c	3.49E-87	0.523316	0.293	0.143	8.54E-83	Classical MMyo1c
Ube2q1	4.23E-87	0.415757	0.376	0.201	1.04E-82	Classical MUbe2q1
Utp3	5.46E-87	0.547151	0.351	0.186	1.34E-82	Classical MUtp3
Irf51	6.13E-87	0.418154	0.701	0.46	1.50E-82	Classical MIrf5
Higd1a	7.36E-87	0.568043	0.366	0.196	1.80E-82	Classical MHigd1a
Pfdn2	1.02E-86	0.322712	0.474	0.267	2.50E-82	Classical MPfdn2
Atp5j1	1.05E-86	0.332552	0.787	0.532	2.58E-82	Classical MAtp5j
Cox17	1.11E-86	0.385856	0.559	0.338	2.72E-82	Classical MCox17
Nol7	1.23E-86	0.427556	0.446	0.252	3.00E-82	Classical MNol7
Luzp1	1.36E-86	0.394415	0.307	0.153	3.33E-82	Classical MLuzp1

Adar	2.21E-86	0.525397	0.313	0.159	5.41E-82	Classical MAdar
Fam50a1	2.23E-86	0.480586	0.334	0.173	5.47E-82	Classical MFam50a
Bri31	2.44E-86	0.357532	0.859	0.607	5.99E-82	Classical MBri3
Ndufa5	3.71E-86	0.387358	0.41	0.227	9.09E-82	Classical MNdufa5
Sumo1	4.32E-86	0.305755	0.536	0.315	1.06E-81	Classical MSumo1
Tlr21	4.49E-86	0.583676	0.454	0.268	1.10E-81	Classical MTlr2
Cggbp1	4.62E-86	0.404278	0.347	0.18	1.13E-81	Classical MCggbp1
Pgd1	7.30E-86	0.341689	0.471	0.27	1.79E-81	Classical MPgd
Pdpf	1.71E-85	0.426788	0.313	0.158	4.18E-81	Classical MPdpf
Cops61	1.91E-85	0.417162	0.411	0.226	4.68E-81	Classical MCops6
Timm23	2.85E-85	0.383951	0.462	0.263	6.98E-81	Classical MTimm23
Szrd1	2.91E-85	0.392104	0.362	0.192	7.14E-81	Classical MSzrd1
Gm35154	3.43E-85	0.332668	0.272	0.127	8.40E-81	Classical MGm35154
Ncl1	4.16E-85	0.344207	0.572	0.347	1.02E-80	Classical MNcl
Mrpl401	5.30E-85	0.572702	0.254	0.12	1.30E-80	Classical MMrpl40
Fbl1	6.71E-85	0.375356	0.445	0.249	1.64E-80	Classical MFbl
Rnf114	9.42E-85	0.439494	0.409	0.226	2.31E-80	Classical MRnf114
Gnb11	1.32E-84	0.299539	0.73	0.476	3.24E-80	Classical MGnb1
Psmb21	3.41E-84	0.378341	0.587	0.36	8.35E-80	Classical MPsmb2
Rtf2	1.35E-83	0.422207	0.409	0.228	3.31E-79	Classical MRtf2
Ndufa81	1.38E-83	0.327115	0.528	0.314	3.38E-79	Classical MNdufa8
Tsc22d31	1.48E-83	0.403945	0.496	0.29	3.63E-79	Classical MTsc22d3
Ndufc22	2.42E-83	0.313527	0.746	0.493	5.92E-79	Classical MNdufc2
Btg11	3.02E-83	0.437336	0.752	0.519	7.40E-79	Classical MBtg1
Csk1	3.16E-83	0.330743	0.572	0.348	7.73E-79	Classical MCsk
Hck1	3.33E-83	0.371768	0.778	0.545	8.15E-79	Classical MHck
Cenpx1	3.48E-83	0.329575	0.472	0.271	8.53E-79	Classical MCenpx
Ufm11	5.54E-83	0.54662	0.281	0.139	1.36E-78	Classical MUfm1
Zc3hav11	7.04E-83	0.376205	0.415	0.231	1.72E-78	Classical MZc3hav1
Sin3b1	1.45E-82	0.38173	0.459	0.264	3.54E-78	Classical MSin3b
Baz2a	1.77E-82	0.425415	0.288	0.143	4.34E-78	Classical MBaz2a
Trappc211	1.89E-82	0.376915	0.482	0.28	4.62E-78	Classical MTrappc21
N4bp11	2.00E-82	0.452764	0.413	0.232	4.91E-78	Classical MN4bp1
Dbn11	2.50E-82	0.441805	0.308	0.157	6.12E-78	Classical MDbn11
Mob1a	2.77E-82	0.406549	0.401	0.222	6.79E-78	Classical MMob1a
Fdx21	4.04E-82	0.547804	0.28	0.14	9.90E-78	Classical MFdx2
Ndufa11	5.02E-82	0.31015	0.563	0.342	1.23E-77	Classical MNdufa11
Filip11	6.31E-82	0.369735	0.698	0.469	1.54E-77	Classical MFilip11
Rraga	6.36E-82	0.552409	0.286	0.143	1.56E-77	Classical MRraga
Eef1d2	7.46E-82	0.346249	0.742	0.482	1.83E-77	Classical MEef1d
Leprotl1	1.36E-81	0.385199	0.463	0.268	3.32E-77	Classical MLeprotl1
Chrac1	1.40E-81	0.394303	0.413	0.232	3.42E-77	Classical MChrac1
Man2a1	1.49E-81	0.334375	0.286	0.141	3.65E-77	Classical MMan2a1
Arhgap9	1.56E-81	0.374407	0.33	0.171	3.82E-77	Classical MArhgap9

Snapc5	2.30E-81	0.383678	0.343	0.181	5.63E-77	Classical M	Snapc5
Myo9b1	2.59E-81	0.25082	0.512	0.299	6.35E-77	Classical M	Myo9b
Cnp	3.20E-81	0.466113	0.323	0.168	7.85E-77	Classical M	Cnp
Ramp1	3.21E-81	0.438481	0.421	0.239	7.87E-77	Classical M	Ramp1
Fam104a	4.41E-81	0.363932	0.406	0.226	1.08E-76	Classical M	Fam104a
Lsm5	4.51E-81	0.563568	0.259	0.125	1.11E-76	Classical M	Lsm5
Ube2d3	4.82E-81	0.366395	0.759	0.516	1.18E-76	Classical M	Ube2d3
Ap1s11	8.34E-81	0.42601	0.314	0.162	2.04E-76	Classical M	Ap1s1
Irf2bp21	9.50E-81	0.358673	0.675	0.437	2.33E-76	Classical M	Irf2bp2
Anxa6	1.38E-80	0.392108	0.338	0.178	3.37E-76	Classical M	Anxa6
Lcp1	1.38E-80	0.325591	0.88	0.68	3.38E-76	Classical M	Lcp1
Rbis	1.98E-80	0.379281	0.4	0.223	4.84E-76	Classical M	Rbis
Elof1	2.10E-80	0.445555	0.298	0.152	5.14E-76	Classical M	Elof1
2610507B1	2.69E-80	0.391308	0.317	0.163	6.59E-76	Classical M	2610507B11Rik
Rheb	3.36E-80	0.286793	0.506	0.298	8.24E-76	Classical M	Rheb
Tubb52	5.30E-80	0.376931	0.694	0.459	1.30E-75	Classical M	Tubb5
Slc25a32	5.39E-80	0.34529	0.851	0.6	1.32E-75	Classical M	Slc25a3
Tap2	1.02E-79	0.431461	0.596	0.38	2.49E-75	Classical M	Tap2
Cct81	2.33E-79	0.394563	0.436	0.25	5.72E-75	Classical M	Cct8
Mrpl42	2.42E-79	0.309935	0.405	0.226	5.92E-75	Classical M	Mrpl42
Ccrl21	2.97E-79	0.847802	0.285	0.147	7.28E-75	Classical M	Ccrl2
Psm21	2.99E-79	0.386074	0.356	0.191	7.33E-75	Classical M	Psm2
Ii4ra	3.22E-79	0.395791	0.411	0.231	7.90E-75	Classical M	Ii4ra
Nfkbib1	3.48E-79	0.545713	0.328	0.175	8.52E-75	Classical M	Nfkbib
Cript	3.74E-79	0.412966	0.337	0.179	9.17E-75	Classical M	Cript
Uqcrc1	5.07E-79	0.326944	0.545	0.33	1.24E-74	Classical M	Uqcrc1
1110038B1	5.33E-79	0.495994	0.35	0.19	1.30E-74	Classical M	1110038B12Rik
Mrpl121	7.79E-79	0.431237	0.361	0.198	1.91E-74	Classical M	Mrpl12
Spi1	8.06E-79	0.391545	0.902	0.695	1.97E-74	Classical M	Spi1
Dnajc19	1.74E-78	0.317399	0.464	0.269	4.25E-74	Classical M	Dnajc19
Ehd4	2.13E-78	0.361883	0.62	0.402	5.23E-74	Classical M	Ehd4
Ndufs41	2.46E-78	0.319486	0.493	0.291	6.02E-74	Classical M	Ndufs4
Rnf149	2.83E-78	0.359234	0.405	0.228	6.92E-74	Classical M	Rnf149
Med281	3.11E-78	0.294081	0.577	0.348	7.62E-74	Classical M	Med28
Atp6v1e1	4.67E-78	0.315616	0.483	0.281	1.14E-73	Classical M	Atp6v1e1
Scpep11	4.99E-78	0.340517	0.596	0.365	1.22E-73	Classical M	Scpep1
Abr1	5.46E-78	0.25946	0.504	0.305	1.34E-73	Classical M	Abr
3830406C1	7.96E-78	0.428428	0.254	0.122	1.95E-73	Classical M	3830406C13Rik
Bcl2a1a1	8.63E-78	0.894873	0.259	0.13	2.11E-73	Classical M	Bcl2a1a
Slc25a12	1.33E-77	0.384511	0.25	0.12	3.25E-73	Classical M	Slc25a12
Bloc1s2	1.36E-77	0.524536	0.287	0.146	3.34E-73	Classical M	Bloc1s2
Syng21	1.42E-77	0.372459	0.793	0.558	3.48E-73	Classical M	Syng2
Snw1	2.37E-77	0.352464	0.388	0.216	5.80E-73	Classical M	Snw1
Snf8	2.94E-77	0.404976	0.391	0.219	7.20E-73	Classical M	Snf8

Otub1	3.02E-77	0.389317	0.378	0.209	7.40E-73	Classical M	Otub1
Uap1111	3.11E-77	0.50357	0.316	0.167	7.61E-73	Classical M	Uap111
Chmp1a	3.63E-77	0.474314	0.297	0.153	8.90E-73	Classical M	Chmp1a
Litaf1	4.16E-77	0.33193	0.607	0.385	1.02E-72	Classical M	Litaf
Snx20	4.54E-77	0.334003	0.526	0.317	1.11E-72	Classical M	Snx20
Lsm8	6.92E-77	0.466866	0.303	0.157	1.69E-72	Classical M	Lsm8
Tbca1	8.21E-77	0.290419	0.656	0.416	2.01E-72	Classical M	Tbca
Mrpl58	1.37E-76	0.454511	0.291	0.149	3.36E-72	Classical M	Mrpl58
Casp1	1.52E-76	0.447423	0.328	0.174	3.71E-72	Classical M	Casp1
Mrpl32	1.65E-76	0.526689	0.272	0.136	4.04E-72	Classical M	Mrpl32
Gm100761	1.80E-76	0.604907	0.251	0.123	4.42E-72	Classical M	Gm10076
Tlr9	2.82E-76	0.572898	0.254	0.124	6.90E-72	Classical M	Tlr9
Rbm17	2.96E-76	0.376757	0.324	0.171	7.25E-72	Classical M	Rbm17
Fcf1	3.15E-76	0.336875	0.38	0.209	7.70E-72	Classical M	Fcf1
Cyp27a1	3.53E-76	0.411186	0.269	0.133	8.66E-72	Classical M	Cyp27a1
Bnip2	4.07E-76	0.302893	0.488	0.288	9.98E-72	Classical M	Bnip2
Rab201	7.15E-76	0.645557	0.332	0.183	1.75E-71	Classical M	Rab20
Dek	7.87E-76	0.39984	0.426	0.246	1.93E-71	Classical M	Dek
Ndufb4	1.50E-75	0.294132	0.576	0.356	3.69E-71	Classical M	Ndufb4
Mrpl341	1.86E-75	0.426325	0.323	0.173	4.55E-71	Classical M	Mrpl34
Drap1	2.77E-75	0.278128	0.555	0.34	6.79E-71	Classical M	Drap1
Anapc11	3.06E-75	0.310642	0.554	0.341	7.49E-71	Classical M	Anapc11
Tmem2581	4.61E-75	0.343445	0.622	0.398	1.13E-70	Classical M	Tmem258
Tnfsf121	6.25E-75	0.421347	0.398	0.227	1.53E-70	Classical M	Tnfsf12
Rpl22l12	6.58E-75	0.317795	0.73	0.487	1.61E-70	Classical M	Rpl22l1
Coro1c1	7.82E-75	0.345872	0.348	0.19	1.91E-70	Classical M	Coro1c
Ccdc88a	1.12E-74	0.355465	0.325	0.172	2.75E-70	Classical M	Ccdc88a
Cope1	1.22E-74	0.362835	0.598	0.376	2.99E-70	Classical M	Cope
Ripk1	1.43E-74	0.431814	0.258	0.127	3.50E-70	Classical M	Ripk1
Med10	1.49E-74	0.447123	0.291	0.15	3.66E-70	Classical M	Med10
Cyb5r1	1.81E-74	0.470859	0.328	0.177	4.43E-70	Classical M	Cyb5r1
Eif3g1	1.87E-74	0.452896	0.33	0.178	4.58E-70	Classical M	Eif3g
Tln1	2.12E-74	0.322889	0.709	0.467	5.19E-70	Classical M	Tln1
Gm48099	2.64E-74	0.2982	0.45	0.266	6.46E-70	Classical M	Gm48099
Trappc4	3.20E-74	0.286307	0.431	0.247	7.84E-70	Classical M	Trappc4
Ddx24	3.24E-74	0.274779	0.521	0.313	7.95E-70	Classical M	Ddx24
Ndufb91	3.61E-74	0.26243	0.681	0.439	8.84E-70	Classical M	Ndufb9
Rgs12	3.69E-74	0.987424	0.376	0.231	9.04E-70	Classical M	Rgs1
Dynlrb1	3.80E-74	0.283306	0.518	0.313	9.30E-70	Classical M	Dynlrb1
Baz1a	3.92E-74	0.255643	0.386	0.214	9.61E-70	Classical M	Baz1a
Tor1a	4.00E-74	0.337313	0.367	0.202	9.78E-70	Classical M	Tor1a
Lat23	4.20E-74	0.325604	0.51	0.305	1.03E-69	Classical M	Lat2
Spop	5.68E-74	0.278507	0.565	0.351	1.39E-69	Classical M	Spop
Ube2s	6.70E-74	0.296866	0.43	0.247	1.64E-69	Classical M	Ube2s

Acaa1a1	6.83E-74	0.354031	0.441	0.258	1.67E-69	Classical MAcaa1a
Snrnp27	7.16E-74	0.421777	0.298	0.155	1.75E-69	Classical MSnrnp27
Mrps18a	7.44E-74	0.330083	0.351	0.191	1.82E-69	Classical MMrps18a
Klf21	1.02E-73	0.362313	0.39	0.219	2.50E-69	Classical MKlf2
Pabpc12	1.28E-73	0.302772	0.853	0.612	3.12E-69	Classical MPabpc1
Slirp1	2.57E-73	0.442047	0.3	0.157	6.29E-69	Classical MSlirp
Rnf187	3.09E-73	0.316882	0.463	0.274	7.56E-69	Classical MRnf187
Phb21	3.95E-73	0.317873	0.496	0.295	9.66E-69	Classical MPhb2
Cdc341	4.40E-73	0.467939	0.27	0.137	1.08E-68	Classical MCdc34
Tmem50b2	5.51E-73	0.435207	0.403	0.233	1.35E-68	Classical MTmem50b
Parp1	7.83E-73	0.405709	0.305	0.161	1.92E-68	Classical MParp1
Dnajb14	8.54E-73	0.297852	0.414	0.235	2.09E-68	Classical MDnajb14
Nipsnap3b	1.64E-72	0.503245	0.266	0.135	4.01E-68	Classical MNipsnap3b
Myh9	1.76E-72	0.360614	0.803	0.575	4.30E-68	Classical MMyh9
Ssrp11	2.03E-72	0.439605	0.303	0.16	4.97E-68	Classical MSsrp1
Zfp800	2.13E-72	0.527336	0.252	0.126	5.22E-68	Classical MZfp800
Polr2k	2.67E-72	0.392226	0.313	0.167	6.55E-68	Classical MPolr2k
Lamtor11	3.49E-72	0.313048	0.646	0.42	8.55E-68	Classical MLamtor1
Ddhd11	3.52E-72	0.611409	0.264	0.136	8.62E-68	Classical MDdhd1
Ier31	4.97E-72	0.689589	0.278	0.146	1.22E-67	Classical MIer3
Ccdc121	5.38E-72	0.302828	0.676	0.442	1.32E-67	Classical MCcdc12
Psmc31	1.06E-71	0.274564	0.48	0.285	2.60E-67	Classical MPsmc3
Ier3ip1	1.15E-71	0.318518	0.459	0.273	2.80E-67	Classical MIer3ip1
Timm17a1	1.22E-71	0.366979	0.305	0.162	3.00E-67	Classical MTimm17a
Ppp1r9b	1.40E-71	0.284466	0.391	0.222	3.43E-67	Classical MPpp1r9b
Irf9	2.14E-71	0.437748	0.31	0.166	5.23E-67	Classical MIrf9
Pcbd2	2.54E-71	0.25714	0.29	0.15	6.23E-67	Classical MPcbd2
Dnajc21	2.65E-71	0.393077	0.305	0.162	6.49E-67	Classical MDnajc2
Cndp21	3.09E-71	0.329358	0.515	0.315	7.56E-67	Classical MCndp2
5031439G07Rik	3.54E-71	0.278596	0.408	0.233	8.67E-67	Classical M5031439G07Rik
2310011J03Rik	3.81E-71	0.50715	0.266	0.136	9.32E-67	Classical M2310011J03Rik
Chmp5	4.63E-71	0.289459	0.382	0.215	1.13E-66	Classical MChmp5
Slc31a21	5.14E-71	0.487263	0.382	0.22	1.26E-66	Classical MSlc31a2
Babam1	5.85E-71	0.428221	0.316	0.171	1.43E-66	Classical MBabam1
Sugt1	6.03E-71	0.36176	0.361	0.203	1.48E-66	Classical MSugt1
Eif2ak2	9.48E-71	0.416587	0.38	0.216	2.32E-66	Classical MEif2ak2
Aimp11	1.08E-70	0.347328	0.396	0.228	2.65E-66	Classical MAimp1
Rassf1	1.25E-70	0.374027	0.349	0.192	3.05E-66	Classical MRassf1
Pdcd6ip	1.40E-70	0.287219	0.444	0.259	3.44E-66	Classical MPdcd6ip
Nfkbia2	1.65E-70	0.390045	0.699	0.479	4.04E-66	Classical MNfkbia
Gsto11	2.38E-70	0.555289	0.262	0.135	5.82E-66	Classical MGsto1
Bag11	2.56E-70	0.288075	0.495	0.3	6.27E-66	Classical MBag1
U2af1	2.72E-70	0.298359	0.463	0.277	6.66E-66	Classical MU2af1
Ppp2r1a	4.06E-70	0.348888	0.398	0.229	9.93E-66	Classical MPpp2r1a

Ube2n	5.48E-70	0.289014	0.455	0.271	1.34E-65	Classical M Ube2n
Asna11	5.80E-70	0.382443	0.305	0.164	1.42E-65	Classical M Asna1
Brk11	6.28E-70	0.28463	0.72	0.475	1.54E-65	Classical M Brk1
Prelid3b1	7.33E-70	0.476408	0.277	0.144	1.80E-65	Classical M Prelid3b
G3bp2	9.91E-70	0.3166	0.528	0.328	2.43E-65	Classical M G3bp2
Eif4h	1.05E-69	0.260731	0.483	0.29	2.58E-65	Classical M Eif4h
Pfdn11	1.40E-69	0.325322	0.34	0.187	3.43E-65	Classical M Pfdn1
Ctdnep11	1.80E-69	0.458933	0.37	0.212	4.41E-65	Classical M Ctdnep1
Clcn71	1.84E-69	0.47622	0.28	0.146	4.50E-65	Classical M Clcn7
Etfa	2.16E-69	0.264089	0.376	0.211	5.28E-65	Classical M Etfa
Glrx2	4.01E-69	0.485845	0.265	0.136	9.81E-65	Classical M Glrx2
Lypla2	4.91E-69	0.393623	0.323	0.177	1.20E-64	Classical M Lypla2
Ilk	5.18E-69	0.274657	0.473	0.283	1.27E-64	Classical M Ilk
Eif2s1	5.19E-69	0.347446	0.358	0.2	1.27E-64	Classical M Eif2s1
Sf3b2	6.39E-69	0.260191	0.58	0.365	1.57E-64	Classical M Sf3b2
Rcc2	6.82E-69	0.416908	0.285	0.149	1.67E-64	Classical M Rcc2
Sfr1	7.98E-69	0.299435	0.43	0.252	1.96E-64	Classical M Sfr1
Clec4a21	8.25E-69	0.408869	0.426	0.252	2.02E-64	Classical M Clec4a2
Rfc21	9.49E-69	0.438652	0.323	0.177	2.33E-64	Classical M Rfc2
Psm4	1.70E-68	0.270741	0.429	0.251	4.16E-64	Classical M Psm4
Smarcd2	2.48E-68	0.478311	0.264	0.136	6.06E-64	Classical M Smarcd2
Osgep	4.18E-68	0.315221	0.372	0.21	1.02E-63	Classical M Osgep
Necap21	6.09E-68	0.331875	0.474	0.287	1.49E-63	Classical M Necap2
Coa31	6.93E-68	0.26341	0.463	0.276	1.70E-63	Classical M Coa3
Tmem14c3	9.15E-68	0.312292	0.651	0.432	2.24E-63	Classical M Tmem14c
Dnaja2	1.10E-67	0.31882	0.483	0.296	2.69E-63	Classical M Dnaja2
Zmat5	1.24E-67	0.388883	0.3	0.162	3.03E-63	Classical M Zmat5
Polr2i	1.94E-67	0.354954	0.315	0.171	4.74E-63	Classical M Polr2i
Max	2.60E-67	0.283072	0.433	0.255	6.36E-63	Classical M Max
Ubal2	6.14E-67	0.295206	0.467	0.28	1.50E-62	Classical M Ubal2
Ciao2b1	9.96E-67	0.350083	0.402	0.237	2.44E-62	Classical M Ciao2b
Cyb5r31	1.68E-66	0.4462	0.265	0.138	4.12E-62	Classical M Cyb5r3
Adam9	1.90E-66	0.373237	0.255	0.13	4.65E-62	Classical M Adam9
Aph1a2	2.04E-66	0.314863	0.474	0.288	5.00E-62	Classical M Aph1a
Syf2	2.06E-66	0.265815	0.401	0.233	5.03E-62	Classical M Syf2
Eny2	3.12E-66	0.327191	0.288	0.153	7.64E-62	Classical M Eny2
Arpp19	3.67E-66	0.289332	0.498	0.307	8.99E-62	Classical M Arpp19
C1d	5.23E-66	0.321407	0.35	0.196	1.28E-61	Classical M C1d
Smim4	5.91E-66	0.376658	0.252	0.129	1.45E-61	Classical M Smim4
Sharpin	6.84E-66	0.361634	0.361	0.205	1.68E-61	Classical M Sharpin
Ndufs2	7.80E-66	0.257125	0.438	0.26	1.91E-61	Classical M Ndufs2
Ndufv31	8.23E-66	0.294101	0.569	0.365	2.02E-61	Classical M Ndufv3
Pa2g41	2.05E-65	0.343613	0.394	0.231	5.01E-61	Classical M Pa2g4
Commd1	2.08E-65	0.263575	0.369	0.212	5.10E-61	Classical M Commd1

Ube2i	2.35E-65	0.252774	0.639	0.413	5.76E-61	Classical M Ube2i
Eif4a12	5.20E-65	0.31025	0.797	0.565	1.27E-60	Classical M Eif4a1
Herc6	6.63E-65	0.542747	0.292	0.159	1.62E-60	Classical M Herc6
Tmem179b	7.05E-65	0.270832	0.625	0.407	1.73E-60	Classical M Tmem179b
Ctbp1	1.41E-64	0.2629	0.405	0.238	3.45E-60	Classical M Ctbp1
Trir	1.92E-64	0.273966	0.55	0.345	4.70E-60	Classical M Trir
Micos10	2.18E-64	0.307386	0.517	0.327	5.34E-60	Classical M Micos10
Flii	2.32E-64	0.293624	0.387	0.225	5.67E-60	Classical M Flii
Rab5if1	2.57E-64	0.25961	0.602	0.387	6.28E-60	Classical M Rab5if
Micos131	3.89E-64	0.262419	0.502	0.31	9.54E-60	Classical M Micos131
Igsf8	4.65E-64	0.336311	0.382	0.223	1.14E-59	Classical M Igsf8
Ngdn	5.06E-64	0.431119	0.266	0.14	1.24E-59	Classical M Ngdn
Sh3bp1	8.63E-64	0.337907	0.489	0.304	2.11E-59	Classical M Sh3bp1
Ubl7	1.18E-63	0.457593	0.261	0.137	2.89E-59	Classical M Ubl7
Psmc4	1.19E-63	0.374665	0.343	0.196	2.91E-59	Classical M Psmc4
Polr2g	1.82E-63	0.319145	0.379	0.221	4.46E-59	Classical M Polr2g
Pafah1b3	1.86E-63	0.533662	0.263	0.14	4.56E-59	Classical M Pafah1b3
Lrrc59	2.02E-63	0.436148	0.266	0.141	4.93E-59	Classical M Lrrc59
Vps26a	2.53E-63	0.291761	0.342	0.193	6.19E-59	Classical M Vps26a
Supt5	3.62E-63	0.286564	0.297	0.161	8.86E-59	Classical M Supt5
Trim30d	4.89E-63	0.366376	0.316	0.176	1.20E-58	Classical M Trim30d
Hnrnpa0	6.44E-63	0.289961	0.456	0.277	1.58E-58	Classical M Hnrnpa0
Eapp	6.99E-63	0.369571	0.279	0.149	1.71E-58	Classical M Eapp
Bcas2	7.35E-63	0.270903	0.377	0.219	1.80E-58	Classical M Bcas2
M6pr	1.14E-62	0.295993	0.682	0.454	2.80E-58	Classical M M6pr
Smim20	1.31E-62	0.350992	0.296	0.161	3.21E-58	Classical M Smim20
Pttg1	1.75E-62	0.295431	0.352	0.202	4.29E-58	Classical M Pttg1
Pdap1	1.97E-62	0.324191	0.282	0.152	4.83E-58	Classical M Pdap1
Fam3c	2.29E-62	0.337013	0.318	0.178	5.60E-58	Classical M Fam3c
Igbp1	9.52E-62	0.312432	0.374	0.219	2.33E-57	Classical M Igbp1
Snrnp200	1.10E-61	0.347081	0.261	0.138	2.70E-57	Classical M Snrnp200
Ebna1bp2	1.12E-61	0.461024	0.252	0.132	2.73E-57	Classical M Ebna1bp2
Anp32a	1.19E-61	0.264372	0.54	0.342	2.93E-57	Classical M Anp32a
Mea1	1.28E-61	0.295797	0.339	0.193	3.14E-57	Classical M Mea1
Cmtm7	1.37E-61	0.299084	0.805	0.59	3.35E-57	Classical M Cmtm7
Emg1	1.82E-61	0.278292	0.417	0.25	4.46E-57	Classical M Emg1
Arc4	2.30E-61	0.290248	0.818	0.589	5.64E-57	Classical M Arc4
Ccdc124	2.38E-61	0.331558	0.317	0.178	5.82E-57	Classical M Ccdc124
Pcbp2	2.73E-61	0.251134	0.537	0.338	6.68E-57	Classical M Pcbp2
Psma1	3.72E-61	0.277856	0.467	0.289	9.11E-57	Classical M Psma1
Mrpl15	5.12E-61	0.376012	0.269	0.144	1.26E-56	Classical M Mrpl15
Trappc6a	8.97E-61	0.455966	0.262	0.141	2.20E-56	Classical M Trappc6a
Ssna1	1.27E-60	0.264473	0.334	0.189	3.12E-56	Classical M Ssna1
Copb2	1.56E-60	0.307627	0.338	0.193	3.82E-56	Classical M Copb2

Tomm70a	1.88E-60	0.307923	0.301	0.167	4.60E-56	Classical M	Tomm70a
Jak2	2.28E-60	0.38672	0.267	0.142	5.59E-56	Classical M	Jak2
Got2	3.39E-60	0.328864	0.253	0.134	8.31E-56	Classical M	Got2
Azi2	3.76E-60	0.273079	0.263	0.139	9.22E-56	Classical M	Azi2
0610012G	4.12E-60	0.286672	0.468	0.289	1.01E-55	Classical M	0610012G03Rik
Nosip	6.14E-60	0.386851	0.254	0.134	1.50E-55	Classical M	Nosip
Psemb7	1.14E-59	0.326955	0.311	0.175	2.79E-55	Classical M	Psemb7
Srp19	1.29E-59	0.271066	0.359	0.208	3.15E-55	Classical M	Srp19
Ctsh3	2.14E-59	0.269425	0.947	0.78	5.25E-55	Classical M	Ctsh
Vdac21	2.77E-59	0.294974	0.75	0.528	6.79E-55	Classical M	Vdac2
Fam32a	3.33E-59	0.278232	0.355	0.206	8.16E-55	Classical M	Fam32a
Siglece	5.23E-59	0.344516	0.313	0.175	1.28E-54	Classical M	Siglece
E2f4	8.51E-59	0.291241	0.304	0.169	2.09E-54	Classical M	E2f4
Sptssa	9.37E-59	0.265658	0.474	0.298	2.30E-54	Classical M	Sptssa
Mrpl171	1.01E-58	0.253085	0.426	0.258	2.47E-54	Classical M	Mrpl17
Rbfa	5.68E-58	0.316796	0.319	0.182	1.39E-53	Classical M	Rbfa
Med8	6.75E-58	0.313363	0.286	0.159	1.65E-53	Classical M	Med8
Eif3b1	7.02E-58	0.317077	0.295	0.165	1.72E-53	Classical M	Eif3b
Acsl5	1.40E-57	0.281905	0.354	0.206	3.42E-53	Classical M	Acsl5
Sumo3	1.60E-57	0.372935	0.288	0.16	3.92E-53	Classical M	Sumo3
Hnrnp2	1.95E-57	0.259779	0.359	0.209	4.78E-53	Classical M	Hnrnp2
Emd	2.24E-57	0.316316	0.293	0.163	5.49E-53	Classical M	Emd
Cdv3	1.06E-56	0.316775	0.256	0.137	2.60E-52	Classical M	Cdv3
Eif1a1	1.27E-56	0.315253	0.268	0.147	3.12E-52	Classical M	Eif1a
Gm15564	2.24E-56	0.288586	0.376	0.225	5.50E-52	Classical M	Gm15564
Ddt1	3.52E-56	0.325648	0.293	0.165	8.63E-52	Classical M	Ddt
Eif3l1	4.35E-56	0.270574	0.363	0.215	1.06E-51	Classical M	Eif3l
Polr2c	4.64E-56	0.290042	0.273	0.149	1.14E-51	Classical M	Polr2c
Stoml21	4.79E-56	0.319231	0.28	0.156	1.17E-51	Classical M	Stoml2
Selenoh1	4.95E-56	0.370791	0.275	0.153	1.21E-51	Classical M	Selenoh
Nubp1	5.19E-56	0.32548	0.297	0.168	1.27E-51	Classical M	Nubp1
Rps212	5.34E-56	0.251908	0.968	0.827	1.31E-51	Classical M	Rps21
Gadd45gip1	5.65E-56	0.272091	0.303	0.171	1.38E-51	Classical M	Gadd45gip1
Gm16286	9.64E-56	0.275892	0.378	0.228	2.36E-51	Classical M	Gm16286
Pin1	1.04E-55	0.307915	0.267	0.147	2.54E-51	Classical M	Pin1
Psm13	1.35E-55	0.272539	0.358	0.211	3.30E-51	Classical M	Psm13
2210016F1	2.08E-55	0.283776	0.317	0.183	5.09E-51	Classical M	2210016F16Rik
Samm50	2.72E-55	0.266773	0.317	0.181	6.67E-51	Classical M	Samm50
Bach11	2.77E-55	0.401101	0.399	0.246	6.78E-51	Classical M	Bach1
Gm42031	4.69E-55	0.317388	0.308	0.176	1.15E-50	Classical M	Gm42031
Hif1a1	7.91E-55	0.417727	0.417	0.262	1.94E-50	Classical M	Hif1a
Gga1	8.21E-55	0.250751	0.282	0.157	2.01E-50	Classical M	Gga1
Acp1	1.04E-54	0.265518	0.266	0.146	2.54E-50	Classical M	Acp1
Snhg11	1.11E-54	0.404516	0.268	0.149	2.73E-50	Classical M	Snhg1

Hsd17b101	5.84E-54	0.377022	0.263	0.146	1.43E-49	Classical M	Hsd17b10
Med21	9.23E-54	0.330128	0.26	0.143	2.26E-49	Classical M	Med21
Hspd11	2.24E-53	0.268853	0.369	0.223	5.49E-49	Classical M	Hspd1
Keap1	2.80E-53	0.331592	0.271	0.151	6.85E-49	Classical M	Keap1
Tax1bp3	8.45E-53	0.330103	0.267	0.148	2.07E-48	Classical M	Tax1bp3
Pet100	1.83E-52	0.321711	0.274	0.154	4.48E-48	Classical M	Pet100
Dok1	1.91E-52	0.327678	0.334	0.198	4.67E-48	Classical M	Dok1
Dbnl	3.68E-52	0.283464	0.512	0.335	9.02E-48	Classical M	Dbnl
Lipa1	5.70E-52	0.267311	0.461	0.291	1.40E-47	Classical M	Lipa
Phf5a	7.06E-52	0.254465	0.302	0.175	1.73E-47	Classical M	Phf5a
Mrps12	1.76E-51	0.281466	0.27	0.152	4.31E-47	Classical M	Mrps12
Vps51	3.45E-51	0.32842	0.28	0.159	8.45E-47	Classical M	Vps51
Sf3a2	3.52E-51	0.297262	0.277	0.157	8.62E-47	Classical M	Sf3a2
Csf2rb2	5.02E-51	0.509818	0.257	0.145	1.23E-46	Classical M	Csf2rb2
Ptpn2	2.38E-50	0.272727	0.256	0.142	5.82E-46	Classical M	Ptpn2
Mif4gd	5.45E-50	0.283472	0.31	0.183	1.33E-45	Classical M	Mif4gd
Ccl9	1.47E-49	0.716153	0.251	0.144	3.61E-45	Classical M	Ccl9
Ehmt2	5.54E-49	0.301191	0.269	0.153	1.36E-44	Classical M	Ehmt2
Nsmce4a	1.87E-48	0.259821	0.278	0.16	4.57E-44	Classical M	Nsmce4a
Pkib1	7.21E-48	0.311295	0.325	0.197	1.77E-43	Classical M	Pkib
Tapbpl	9.16E-48	0.305536	0.297	0.175	2.24E-43	Classical M	Tapbpl
Zfp36l21	2.31E-47	0.288826	0.701	0.516	5.66E-43	Classical M	Zfp36l2
Mrpl111	5.51E-46	0.273159	0.266	0.154	1.35E-41	Classical M	Mrpl11
Clec5a	3.63E-45	0.327934	0.319	0.194	8.88E-41	Classical M	Clec5a
Stxbp21	1.30E-44	0.270324	0.285	0.17	3.19E-40	Classical M	Stxbp2
Lfng	2.29E-43	0.265854	0.269	0.157	5.61E-39	Classical M	Lfng
Prxl2b1	2.65E-43	0.270963	0.299	0.182	6.49E-39	Classical M	Prxl2b
Smim121	2.74E-42	0.265249	0.272	0.162	6.71E-38	Classical M	Smim12
Qars1	2.15E-39	0.251335	0.26	0.156	5.26E-35	Classical M	Qars
Cep851	2.71E-37	0.312502	0.421	0.286	6.64E-33	Classical M	Cep85
Itgax1	7.30E-32	0.300846	0.261	0.167	1.79E-27	Classical M	Itgax
Smagp	3.92E-31	0.309777	0.251	0.161	9.60E-27	Classical M	Smagp
Cd142	3.86E-28	0.334193	0.683	0.54	9.45E-24	Classical M	Cd14
Pf4	0	6.204228	0.871	0.041	0	cDC2	Pf4
F13a1	0	4.276699	0.808	0.052	0	cDC2	F13a1
Mrc11	0	4.215084	0.878	0.126	0	cDC2	Mrc1
Ms4a71	0	4.224412	0.82	0.075	0	cDC2	Ms4a7
Dab2	0	3.937219	0.772	0.089	0	cDC2	Dab2
Ccl8	0	6.13149	0.681	0.034	0	cDC2	Ccl8
Igfbp4	0	4.117339	0.748	0.117	0	cDC2	Igfbp4
Pltp1	0	3.411856	0.719	0.109	0	cDC2	Pltp
Igf11	0	3.292856	0.684	0.087	0	cDC2	Igf1
Cbr2	0	6.419066	0.577	0.015	0	cDC2	Cbr2
Blvrb2	0	2.615227	0.807	0.285	0	cDC2	Blvrb

Clec10a	0	4.894993	0.549	0.028	0 cDC2	Clec10a
Itsn1	0	2.979188	0.599	0.081	0 cDC2	Itsn1
Smagp1	0	2.993775	0.65	0.137	0 cDC2	Smagp
Stab1	0	2.928784	0.855	0.343	0 cDC2	Stab1
Ms4a4a1	0	3.62845	0.566	0.055	0 cDC2	Ms4a4a
Ifitm21	0	1.767732	0.693	0.183	0 cDC2	Ifitm2
Ms4a6c1	0	1.918093	0.76	0.257	0 cDC2	Ms4a6c
Ccl7	0	4.626384	0.545	0.047	0 cDC2	Ccl7
Aoah1	0	2.561373	0.586	0.104	0 cDC2	Aoah
Gas6	0	2.133342	0.802	0.339	0 cDC2	Gas6
Lgals11	0	2.433229	0.603	0.141	0 cDC2	Lgals1
Dse1	0	2.546334	0.598	0.14	0 cDC2	Dse
Wwp1	0	2.405482	0.609	0.154	0 cDC2	Wwp1
Clec4a11	0	2.993372	0.521	0.068	0 cDC2	Clec4a1
Vcam11	0	3.135036	0.566	0.119	0 cDC2	Vcam1
Cd163	0	5.453486	0.452	0.01	0 cDC2	Cd163
Tgfb1	0	1.796744	0.619	0.181	0 cDC2	Tgfb1
Cybb1	0	1.235259	0.646	0.213	0 cDC2	Cybb
Pla2g72	0	2.161638	0.562	0.14	0 cDC2	Pla2g7
Aldh22	0	2.176137	0.672	0.251	0 cDC2	Aldh2
Cp	0	3.17267	0.483	0.062	0 cDC2	Cp
Ifi2071	0	2.144431	0.561	0.157	0 cDC2	Ifi207
Clec4n	0	4.147624	0.431	0.029	0 cDC2	Clec4n
Marcksl11	0	2.116414	0.539	0.138	0 cDC2	Marcksl1
Anxa52	0	1.590558	0.68	0.285	0 cDC2	Anxa5
Ninj12	0	1.897186	0.702	0.31	0 cDC2	Ninj1
Fcgrt	0	2.143313	0.765	0.375	0 cDC2	Fcgrt
Tmem106a	0	2.182533	0.598	0.209	0 cDC2	Tmem106a
Rbpj	0	2.185833	0.632	0.244	0 cDC2	Rbpj
Ifitm31	0	0.737851	0.793	0.412	0 cDC2	Ifitm3
Ms4a6b1	0	1.670881	0.659	0.278	0 cDC2	Ms4a6b
Ptgds	0	1.672982	0.613	0.235	0 cDC2	Ptgds
Mgl2	0	3.176603	0.407	0.031	0 cDC2	Mgl2
Folr2	0	4.742369	0.397	0.028	0 cDC2	Folr2
Wfdc171	0	2.961648	0.468	0.1	0 cDC2	Wfdc17
Serpib6a	0	2.294147	0.49	0.124	0 cDC2	Serpib6a
Hmox11	0	2.101454	0.554	0.189	0 cDC2	Hmox1
Snx21	0	1.882291	0.683	0.319	0 cDC2	Snx2
Myo5a2	0	1.510416	0.597	0.237	0 cDC2	Myo5a
Stard8	0	2.096009	0.483	0.125	0 cDC2	Stard8
Sash11	0	1.848608	0.48	0.123	0 cDC2	Sash1
Gpx3	0	3.409625	0.411	0.055	0 cDC2	Gpx3
Bst22	0	1.743651	0.922	0.574	0 cDC2	Bst2
Ccl22	0	2.531685	0.481	0.133	0 cDC2	Ccl2

Ehd41	0	1.555436	0.74	0.395	0 cDC2	Ehd4
C4b2	0	1.949806	0.558	0.214	0 cDC2	C4b
Colec12	0	3.467701	0.371	0.027	0 cDC2	Colec12
Psd3	0	2.148972	0.393	0.063	0 cDC2	Psd3
Hacd41	0	1.617708	0.53	0.201	0 cDC2	Hacd4
Pla2g2d	0	6.832982	0.332	0.004	0 cDC2	Pla2g2d
Lyz22	0	1.985297	0.99	0.663	0 cDC2	Lyz2
lqgap21	0	2.354103	0.39	0.064	0 cDC2	lqgap2
Ms4a6d1	0	1.476356	0.649	0.323	0 cDC2	Ms4a6d
Arhgap19	0	3.264216	0.377	0.054	0 cDC2	Arhgap19
Ftl1-ps12	0	1.775158	0.523	0.205	0 cDC2	Ftl1-ps1
Snx31	0	1.47225	0.745	0.429	0 cDC2	Snx3
Mpp11	0	2.022771	0.452	0.136	0 cDC2	Mpp1
Emp31	0	1.228286	0.521	0.206	0 cDC2	Emp3
Lrp6	0	1.508277	0.505	0.19	0 cDC2	Lrp6
Cd632	0	0.856571	0.92	0.608	0 cDC2	Cd63
CAAA01147	0	1.285418	0.699	0.388	0 cDC2	CAAA01147332.1
Sdc42	0	2.071587	0.428	0.12	0 cDC2	Sdc4
Prdx12	0	1.430979	0.84	0.533	0 cDC2	Prdx1
Lilrb4a2	0	1.316022	0.46	0.154	0 cDC2	Lilrb4a
Siglec1	0	3.898896	0.327	0.027	0 cDC2	Siglec1
Cfp	0	3.13594	0.348	0.049	0 cDC2	Cfp
Rnf150	0	1.437271	0.413	0.117	0 cDC2	Rnf150
Maf3	0	1.415377	0.743	0.448	0 cDC2	Maf
Ifi471	0	1.991695	0.388	0.094	0 cDC2	Ifi47
Arhgef3	0	1.988379	0.369	0.085	0 cDC2	Arhgef3
Ehd11	0	2.070085	0.375	0.094	0 cDC2	Ehd1
Ifi2031	0	2.086194	0.343	0.063	0 cDC2	Ifi203
2610507B1	0	1.612997	0.433	0.156	0 cDC2	2610507B11Rik
Mndal1	0	1.909028	0.349	0.073	0 cDC2	Mndal
Akr1a12	0	1.10997	0.833	0.557	0 cDC2	Akr1a1
Ap2a2	0	1.551247	0.414	0.142	0 cDC2	Ap2a2
Cd361	0	2.277531	0.376	0.105	0 cDC2	Cd36
Msr11	0	2.660169	0.308	0.042	0 cDC2	Msr1
Tbc1d4	0	1.545142	0.357	0.096	0 cDC2	Tbc1d4
Ctla2b1	0	2.418186	0.346	0.085	0 cDC2	Ctla2b
Eps8	0	1.934737	0.333	0.075	0 cDC2	Eps8
Cd4	0	5.511547	0.262	0.006	0 cDC2	Cd4
Cd38	0	3.689612	0.276	0.021	0 cDC2	Cd38
C21	0	1.843311	0.353	0.1	0 cDC2	C2
Paox1	0	1.981738	0.361	0.109	0 cDC2	Paox
Timd4	0	4.754013	0.263	0.011	0 cDC2	Timd4
Rnasel	0	2.280379	0.313	0.063	0 cDC2	Rnasel
Gstm1	0	1.787889	0.358	0.108	0 cDC2	Gstm1

Tmem176b	0	1.178061	0.865	0.616	0	cDC2	Tmem176b
Chp2	0	6.167896	0.251	0.003	0	cDC2	Chp2
Clcn5	0	1.49667	0.352	0.104	0	cDC2	Clcn5
Rap2b2	0	1.799	0.365	0.118	0	cDC2	Rap2b
Hip1	0	1.546487	0.328	0.083	0	cDC2	Hip1
Ccl24	0	2.27579	0.299	0.063	0	cDC2	Ccl24
Cd931	0	3.374535	0.259	0.026	0	cDC2	Cd93
Sh3bp5	0	1.643796	0.32	0.089	0	cDC2	Sh3bp5
Mgst11	0	1.867946	0.292	0.068	0	cDC2	Mgst1
Apoe3	0	1.69504	0.999	0.775	0	cDC2	Apoe
Pde7b1	0	1.813843	0.27	0.047	0	cDC2	Pde7b
Pxdc1	0	2.277499	0.282	0.062	0	cDC2	Pxdc1
Plekhg5	0	2.02446	0.268	0.053	0	cDC2	Plekhg5
Ccr11	0	1.958005	0.28	0.066	0	cDC2	Ccr1
Pstpip2	0	1.722969	0.268	0.057	0	cDC2	Pstpip2
Ctsc2	0	1.372292	0.899	0.697	0	cDC2	Ctsc
Selenop3	0	1.169958	0.976	0.809	0	cDC2	Selenop
Clta2	0	0.855586	0.925	0.784	0	cDC2	Clta
Ctsb2	0	0.645415	0.986	0.901	0	cDC2	Ctsb
Ftl12	0	1.594652	0.999	0.92	0	cDC2	Ftl1
Fth12	0	1.305972	1	0.978	0	cDC2	Fth1
Prxl2b2	6.27E-304	1.696113	0.447	0.174	1.53E-299	cDC2	Prxl2b
Cltc	3.17E-301	1.111579	0.796	0.572	7.77E-297	cDC2	Cltc
ligp11	5.76E-300	1.65114	0.391	0.135	1.41E-295	cDC2	ligp1
Nrp11	1.57E-299	1.151145	0.672	0.367	3.86E-295	cDC2	Nrp1
Gpr651	5.66E-297	1.979471	0.284	0.079	1.39E-292	cDC2	Gpr65
Vav31	1.18E-294	1.269563	0.27	0.07	2.88E-290	cDC2	Vav3
Cited22	2.14E-291	1.73354	0.575	0.28	5.24E-287	cDC2	Cited2
Slc48a12	9.40E-288	1.915645	0.395	0.147	2.30E-283	cDC2	Slc48a1
Eps151	4.01E-286	1.396257	0.51	0.222	9.81E-282	cDC2	Eps15
Cyb5r11	1.85E-282	1.627145	0.434	0.17	4.53E-278	cDC2	Cyb5r1
Snx8	7.53E-279	1.56701	0.361	0.123	1.85E-274	cDC2	Snx8
Tmem176a	3.50E-278	1.164431	0.723	0.435	8.57E-274	cDC2	Tmem176a
Blvra2	3.60E-278	1.629683	0.434	0.173	8.81E-274	cDC2	Blvra
Mtss1	9.45E-277	1.104478	0.44	0.164	2.31E-272	cDC2	Mtss1
Trf3	4.11E-276	0.918271	0.895	0.728	1.01E-271	cDC2	Trf
Nfxl1	4.86E-276	1.451507	0.358	0.12	1.19E-271	cDC2	Nfxl1
Fam234a	3.07E-265	1.671052	0.307	0.096	7.52E-261	cDC2	Fam234a
Fcgr2b2	2.35E-261	1.018647	0.834	0.645	5.75E-257	cDC2	Fcgr2b
Twf1	3.53E-261	1.55956	0.383	0.143	8.65E-257	cDC2	Twf1
Klf22	6.86E-251	1.440868	0.486	0.214	1.68E-246	cDC2	Klf2
S100a14	8.48E-245	1.409282	0.421	0.171	2.08E-240	cDC2	S100a1
Ppia2	1.05E-243	0.570604	0.981	0.876	2.58E-239	cDC2	Ppia
Bri32	1.78E-243	0.897663	0.821	0.609	4.36E-239	cDC2	Bri3

Ptpn181	1.48E-238	0.836045	0.835	0.641	3.61E-234	cDC2	Ptpn18
Lars2	4.46E-238	0.906524	0.932	0.746	1.09E-233	cDC2	Lars2
Txnip1	1.77E-237	1.258787	0.742	0.53	4.33E-233	cDC2	Txnip
Itga41	2.00E-236	0.777251	0.317	0.102	4.90E-232	cDC2	Itga4
Mdfic1	3.68E-236	1.396238	0.301	0.099	9.01E-232	cDC2	Mdfic
Clec4a22	1.15E-231	1.204328	0.521	0.246	2.82E-227	cDC2	Clec4a2
Adgre1	1.04E-230	1.012747	0.738	0.518	2.55E-226	cDC2	Adgre1
Tpt13	1.32E-223	0.542445	0.987	0.893	3.23E-219	cDC2	Tpt1
Mt11	3.79E-219	1.06971	0.759	0.493	9.28E-215	cDC2	Mt1
Fcer1g3	1.45E-217	0.507462	0.984	0.901	3.54E-213	cDC2	Fcer1g
C5ar1	2.19E-216	1.269827	0.503	0.243	5.37E-212	cDC2	C5ar1
Ybx12	2.48E-215	0.872248	0.787	0.562	6.07E-211	cDC2	Ybx1
Aplp21	1.69E-214	1.218541	0.527	0.264	4.14E-210	cDC2	Aplp2
Gabarap3	5.26E-208	0.73261	0.859	0.667	1.29E-203	cDC2	Gabarap
Ap2s12	1.99E-203	1.231621	0.539	0.288	4.88E-199	cDC2	Ap2s1
Hgsnat	1.96E-202	2.057595	0.288	0.103	4.80E-198	cDC2	Hgsnat
Dmac11	4.03E-201	1.501207	0.356	0.145	9.86E-197	cDC2	Dmac1
Fkbp1a1	1.73E-200	1.130255	0.581	0.324	4.24E-196	cDC2	Fkbp1a
Clec2d1	1.65E-199	1.115956	0.508	0.254	4.03E-195	cDC2	Clec2d
Galc	1.42E-198	1.40359	0.302	0.11	3.49E-194	cDC2	Galc
Dclre1c	3.05E-198	1.161508	0.449	0.208	7.47E-194	cDC2	Dclre1c
Etv1	1.07E-197	1.165341	0.296	0.103	2.62E-193	cDC2	Etv1
Hint12	1.53E-197	0.89086	0.759	0.516	3.74E-193	cDC2	Hint1
Ddx60	6.63E-197	1.253446	0.289	0.101	1.62E-192	cDC2	Ddx60
AB1246112	1.86E-192	1.263729	0.373	0.157	4.56E-188	cDC2	AB124611
Gm42418	1.27E-191	0.672176	1	0.981	3.12E-187	cDC2	Gm42418
St8sia41	2.26E-191	1.051024	0.273	0.092	5.53E-187	cDC2	St8sia4
Gbp71	9.96E-191	1.253108	0.407	0.181	2.44E-186	cDC2	Gbp7
Cyb5a1	1.09E-188	1.160079	0.626	0.387	2.66E-184	cDC2	Cyb5a
Klf62	4.95E-186	1.171342	0.601	0.36	1.21E-181	cDC2	Klf6
Gmfg1	5.55E-186	0.930839	0.628	0.374	1.36E-181	cDC2	Gmfg
Fam174a1	1.73E-185	1.121837	0.549	0.306	4.24E-181	cDC2	Fam174a
AW112010	1.10E-182	1.177295	0.513	0.278	2.69E-178	cDC2	AW112010
Lst11	2.72E-182	0.968221	0.732	0.528	6.67E-178	cDC2	Lst1
P2rx42	2.01E-181	1.052483	0.551	0.307	4.92E-177	cDC2	P2rx4
App1	2.98E-181	0.95303	0.73	0.53	7.30E-177	cDC2	App
Sh3bgrl1	9.72E-180	1.302283	0.319	0.126	2.38E-175	cDC2	Sh3bgrl
Dbi1	1.66E-179	0.875206	0.692	0.423	4.07E-175	cDC2	Dbi
Dusp13	1.37E-178	1.239941	0.605	0.375	3.34E-174	cDC2	Dusp1
lqgap11	1.00E-177	0.682413	0.382	0.158	2.46E-173	cDC2	lqgap1
Tmem2562	7.17E-177	1.083381	0.549	0.308	1.76E-172	cDC2	Tmem256
Nenf	2.05E-176	1.071352	0.527	0.285	5.02E-172	cDC2	Nenf
Hprt1	3.11E-176	1.051245	0.578	0.334	7.62E-172	cDC2	Hprt
Prkacb	4.21E-176	1.138166	0.373	0.161	1.03E-171	cDC2	Prkacb

Stk17b	5.06E-176	0.960864	0.376	0.162	1.24E-171	cDC2	Stk17b
Cyp27a11	6.30E-174	1.08195	0.326	0.129	1.54E-169	cDC2	Cyp27a1
Hpgd2	7.45E-174	0.879208	0.751	0.52	1.82E-169	cDC2	Hpgd
Laptm4a3	1.81E-173	0.607923	0.859	0.73	4.44E-169	cDC2	Laptm4a
Fosb1	3.24E-172	0.977581	0.361	0.154	7.93E-168	cDC2	Fosb
Fos3	2.97E-171	0.976741	0.691	0.471	7.27E-167	cDC2	Fos
Trps11	4.48E-170	0.536072	0.374	0.158	1.10E-165	cDC2	Trps1
Plau1	1.66E-167	1.296565	0.344	0.148	4.07E-163	cDC2	Plau
Ap1b1	3.12E-166	1.047069	0.461	0.234	7.63E-162	cDC2	Ap1b1
Tubb2a2	2.48E-164	1.057767	0.477	0.245	6.08E-160	cDC2	Tubb2a
Ubb2	2.33E-163	0.480412	0.953	0.861	5.69E-159	cDC2	Ubb
Snx6	5.77E-163	0.983148	0.609	0.384	1.41E-158	cDC2	Snx6
Gbp81	1.75E-162	1.347037	0.272	0.104	4.28E-158	cDC2	Gbp8
Hpse1	2.24E-162	1.525401	0.264	0.1	5.49E-158	cDC2	Hpse
Hfe1	1.20E-159	0.968839	0.483	0.253	2.95E-155	cDC2	Hfe
Atpif1	3.83E-156	0.797878	0.758	0.551	9.39E-152	cDC2	Atpif1
Ost41	7.88E-154	0.815756	0.705	0.489	1.93E-149	cDC2	Ost4
Adam91	5.30E-153	1.242571	0.304	0.127	1.30E-148	cDC2	Adam9
Tsc22d32	1.29E-152	1.028159	0.518	0.289	3.15E-148	cDC2	Tsc22d3
ldh22	3.55E-152	0.955192	0.518	0.287	8.70E-148	cDC2	ldh2
Cmss1	4.81E-152	0.562542	0.987	0.92	1.18E-147	cDC2	Cmss1
Ccnd11	4.93E-152	1.172783	0.413	0.205	1.21E-147	cDC2	Ccnd1
P2rx71	9.33E-151	1.33511	0.568	0.366	2.28E-146	cDC2	P2rx7
B3galnt1	2.01E-149	1.026719	0.364	0.165	4.91E-145	cDC2	B3galnt1
Tmsb4x1	6.44E-149	0.348789	0.999	0.966	1.58E-144	cDC2	Tmsb4x
Arhgap151	5.35E-148	0.324582	0.518	0.268	1.31E-143	cDC2	Arhgap15
Cstb2	2.19E-146	0.769287	0.614	0.373	5.37E-142	cDC2	Cstb
H2-Aa3	4.08E-146	0.922382	0.789	0.607	9.99E-142	cDC2	H2-Aa
Cdk81	7.71E-146	0.558502	0.975	0.898	1.89E-141	cDC2	Cdk8
Sema4a1	5.34E-144	1.333701	0.264	0.105	1.31E-139	cDC2	Sema4a
Ncoa4	3.45E-143	1.127983	0.386	0.188	8.46E-139	cDC2	Ncoa4
Cat1	8.23E-141	1.191086	0.365	0.175	2.02E-136	cDC2	Cat
Cndp22	1.11E-140	0.971245	0.533	0.314	2.71E-136	cDC2	Cndp2
Ahnak1	2.42E-139	0.754124	0.262	0.101	5.92E-135	cDC2	Ahnak
Arpc32	1.87E-138	0.652185	0.811	0.633	4.59E-134	cDC2	Arpc3
Cd143	2.30E-138	0.902969	0.712	0.539	5.64E-134	cDC2	Cd14
H2-Eb13	1.12E-137	0.997025	0.755	0.587	2.74E-133	cDC2	H2-Eb1
Ccl122	7.43E-137	1.107562	0.617	0.414	1.82E-132	cDC2	Ccl12
Tgtp21	8.76E-137	1.438029	0.253	0.102	2.15E-132	cDC2	Tgtp2
Calhm61	1.32E-136	1.25195	0.351	0.171	3.23E-132	cDC2	Calhm6
Scp21	1.66E-136	0.956981	0.55	0.33	4.07E-132	cDC2	Scp2
Npl1	2.34E-136	1.135821	0.378	0.186	5.74E-132	cDC2	Npl
Cox8a2	3.54E-136	0.501178	0.92	0.778	8.68E-132	cDC2	Cox8a
0610012G0	2.29E-134	0.980662	0.501	0.287	5.61E-130	cDC2	0610012G03Rik

Osbpl9	4.63E-133	0.830232	0.561	0.347	1.13E-128	cDC2	Osbpl9
Txn11	1.36E-132	0.638297	0.539	0.315	3.34E-128	cDC2	Txn1
Sult1a1	1.66E-132	1.022232	0.337	0.154	4.06E-128	cDC2	Sult1a1
Rnf141	1.02E-131	1.14306	0.252	0.1	2.49E-127	cDC2	Rnf141
C3ar13	3.38E-131	0.736067	0.643	0.416	8.29E-127	cDC2	C3ar1
Neat11	5.90E-130	0.57891	0.506	0.288	1.44E-125	cDC2	Neat1
AY036118	2.23E-128	0.80871	0.919	0.801	5.47E-124	cDC2	AY036118
Ly96	1.08E-125	0.991152	0.327	0.151	2.63E-121	cDC2	Ly96
Il31ra	3.96E-125	0.731465	0.803	0.607	9.69E-121	cDC2	Il31ra
mt-Co2	2.17E-124	0.420036	0.986	0.943	5.32E-120	cDC2	mt-Co2
Cebpd2	2.81E-124	0.832038	0.485	0.271	6.89E-120	cDC2	Cebpd
Nrros	7.65E-124	0.753634	0.691	0.521	1.87E-119	cDC2	Nrros
Hsd17b12	5.35E-123	0.933699	0.454	0.255	1.31E-118	cDC2	Hsd17b12
Gm49511	1.40E-120	0.802009	0.446	0.242	3.42E-116	cDC2	Gm4951
Tle51	4.21E-120	0.788173	0.607	0.395	1.03E-115	cDC2	Tle5
Nrp21	1.06E-119	0.881178	0.322	0.151	2.58E-115	cDC2	Nrp2
Use11	2.22E-119	1.057008	0.44	0.248	5.43E-115	cDC2	Use1
Gpx41	2.83E-119	0.648311	0.78	0.588	6.93E-115	cDC2	Gpx4
Hsp90ab12	8.03E-119	0.488044	0.894	0.733	1.97E-114	cDC2	Hsp90ab1
Rgl11	1.60E-118	0.744676	0.456	0.253	3.92E-114	cDC2	Rgl1
Il10rb1	9.43E-118	0.744741	0.652	0.451	2.31E-113	cDC2	Il10rb
H2afj1	2.99E-117	0.736532	0.591	0.379	7.32E-113	cDC2	H2afj
Mrpl282	7.26E-116	1.171684	0.302	0.143	1.78E-111	cDC2	Mrpl28
Arhgap18	1.04E-115	0.914259	0.302	0.14	2.54E-111	cDC2	Arhgap18
Slc40a11	9.24E-115	1.781536	0.377	0.214	2.26E-110	cDC2	Slc40a1
Man2a11	9.33E-115	0.822078	0.303	0.14	2.29E-110	cDC2	Man2a1
Calm11	1.39E-114	0.442012	0.792	0.584	3.41E-110	cDC2	Calm1
Il18bp2	2.63E-114	1.077336	0.302	0.143	6.44E-110	cDC2	Il18bp
Atp6v0c3	3.23E-114	0.417173	0.902	0.771	7.91E-110	cDC2	Atp6v0c
Rbms11	6.49E-112	0.721738	0.413	0.221	1.59E-107	cDC2	Rbms1
Vamp82	7.47E-112	0.618801	0.755	0.588	1.83E-107	cDC2	Vamp8
Lamp12	8.18E-112	0.428072	0.93	0.819	2.00E-107	cDC2	Lamp1
Tex2641	1.54E-111	0.965079	0.325	0.159	3.78E-107	cDC2	Tex264
Ly6e2	3.02E-110	0.580992	0.939	0.861	7.41E-106	cDC2	Ly6e
H2-Ab13	2.74E-109	0.828094	0.786	0.64	6.71E-105	cDC2	H2-Ab1
Ifi2041	4.02E-109	0.814981	0.339	0.169	9.85E-105	cDC2	Ifi204
Ttr1	5.37E-109	0.906622	0.714	0.5	1.32E-104	cDC2	Ttr
Clec4a32	1.16E-108	0.720531	0.482	0.279	2.83E-104	cDC2	Clec4a3
Tnfsf122	1.46E-108	0.953922	0.41	0.226	3.58E-104	cDC2	Tnfsf12
Il4ra1	1.52E-107	0.875463	0.414	0.231	3.73E-103	cDC2	Il4ra
Slfn51	2.19E-107	0.887437	0.278	0.127	5.37E-103	cDC2	Slfn5
Nfkbiz3	4.06E-107	0.737503	0.439	0.248	9.94E-103	cDC2	Nfkbiz
Psmb82	1.88E-105	0.551353	0.778	0.593	4.60E-101	cDC2	Psmb8
Nop101	3.95E-104	0.887954	0.475	0.286	9.66E-100	cDC2	Nop10

Dcxr1	4.37E-104	0.985686	0.374	0.203	1.07E-99	cDC2	Dcxr
Uap1112	1.06E-103	0.983119	0.328	0.166	2.60E-99	cDC2	Uap111
Slfn21	1.96E-102	0.678094	0.483	0.287	4.81E-98	cDC2	Slfn2
Crtap1	5.13E-101	1.020007	0.278	0.133	1.26E-96	cDC2	Crtap
Vamp3	5.68E-101	0.947728	0.366	0.198	1.39E-96	cDC2	Vamp3
mt-Co1	5.87E-101	0.383823	0.987	0.962	1.44E-96	cDC2	mt-Co1
Slc9a91	6.94E-101	0.404198	0.753	0.635	1.70E-96	cDC2	Slc9a9
Txndc172	1.32E-100	0.727641	0.493	0.302	3.23E-96	cDC2	Txndc17
Atp5g32	1.33E-100	0.596382	0.776	0.584	3.26E-96	cDC2	Atp5g3
Mfsd111	1.69E-100	0.833889	0.38	0.205	4.15E-96	cDC2	Mfsd11
Prdx51	6.05E-100	0.272621	0.782	0.58	1.48E-95	cDC2	Prdx5
Sgpp1	9.72E-100	0.937393	0.253	0.114	2.38E-95	cDC2	Sgpp1
Eif11	1.14E-99	0.382237	0.932	0.829	2.78E-95	cDC2	Eif1
Swap70	1.09E-98	0.773503	0.332	0.169	2.68E-94	cDC2	Swap70
Ctnnd1	1.16E-97	0.700888	0.359	0.188	2.84E-93	cDC2	Ctnnd1
Glt3	2.54E-97	0.786934	0.566	0.371	6.21E-93	cDC2	Glt3
Gphn	2.72E-97	0.584585	0.797	0.633	6.67E-93	cDC2	Gphn
Lrrc251	3.40E-95	0.725492	0.541	0.358	8.33E-91	cDC2	Lrrc25
Gng52	4.50E-95	0.490779	0.859	0.714	1.10E-90	cDC2	Gng5
Adipor11	6.12E-95	0.672654	0.621	0.432	1.50E-90	cDC2	Adipor1
Plin22	1.01E-94	0.830553	0.387	0.216	2.47E-90	cDC2	Plin2
Ap2m11	1.07E-94	0.770606	0.591	0.414	2.63E-90	cDC2	Ap2m1
Rpl103	1.22E-94	0.380529	0.952	0.835	3.00E-90	cDC2	Rpl10
Sh3bgrl32	1.67E-94	0.373434	0.895	0.742	4.08E-90	cDC2	Sh3bgrl3
Nagk1	1.68E-94	0.91072	0.34	0.182	4.11E-90	cDC2	Nagk
Rps213	1.87E-94	0.33714	0.95	0.811	4.58E-90	cDC2	Rps2
Tent5a1	1.57E-93	0.752619	0.425	0.246	3.84E-89	cDC2	Tent5a
Dennd1a2	1.79E-92	0.383556	0.543	0.344	4.38E-88	cDC2	Dennd1a
Mctp11	3.00E-92	0.738509	0.511	0.333	7.36E-88	cDC2	Mctp1
Sem11	3.02E-92	0.513396	0.731	0.544	7.39E-88	cDC2	Sem1
Scpep12	3.06E-92	0.696791	0.552	0.368	7.49E-88	cDC2	Scpep1
Ebi31	3.56E-92	0.818329	0.442	0.268	8.72E-88	cDC2	Ebi3
Atp6v1a1	3.65E-92	0.748457	0.439	0.261	8.95E-88	cDC2	Atp6v1a
Snx5	5.06E-92	0.516396	0.769	0.63	1.24E-87	cDC2	Snx5
Lipa2	8.82E-92	0.837012	0.469	0.291	2.16E-87	cDC2	Lipa
Atp2b12	8.90E-92	0.56609	0.63	0.449	2.18E-87	cDC2	Atp2b1
Rnf1301	1.06E-91	0.501198	0.79	0.67	2.59E-87	cDC2	Rnf130
Slc29a12	1.37E-91	0.730578	0.453	0.27	3.35E-87	cDC2	Slc29a1
Sbf21	4.00E-91	0.497135	0.544	0.34	9.79E-87	cDC2	Sbf2
H3f3a1	3.18E-90	0.333513	0.825	0.666	7.80E-86	cDC2	H3f3a
mt-Atp6	4.54E-90	0.424056	0.968	0.911	1.11E-85	cDC2	mt-Atp6
Ifi27l2a2	4.58E-90	0.267543	0.589	0.376	1.12E-85	cDC2	Ifi27l2a
Snx91	1.48E-88	0.705419	0.434	0.258	3.63E-84	cDC2	Snx9
D8Ert738e	8.20E-88	0.651343	0.623	0.436	2.01E-83	cDC2	D8Ert738e

Ripor2	2.17E-87	0.477507	0.263	0.124	5.31E-83	cDC2	Ripor2
Hexa3	4.78E-87	0.433917	0.848	0.72	1.17E-82	cDC2	Hexa
Cox6b12	7.55E-87	0.575538	0.728	0.55	1.85E-82	cDC2	Cox6b1
Cd743	5.54E-86	0.525149	0.888	0.769	1.36E-81	cDC2	Cd74
Igtp1	1.10E-85	0.974043	0.369	0.213	2.69E-81	cDC2	Igtp
mt-Co3	2.40E-85	0.378733	0.98	0.939	5.87E-81	cDC2	mt-Co3
Cox5a2	3.03E-85	0.655396	0.635	0.456	7.41E-81	cDC2	Cox5a
Lamtor22	8.24E-85	0.752853	0.513	0.336	2.02E-80	cDC2	Lamtor2
Psmb91	4.07E-84	0.614146	0.642	0.476	9.97E-80	cDC2	Psmb9
Pim11	1.07E-82	0.689086	0.28	0.141	2.63E-78	cDC2	Pim1
Ndufa72	1.13E-82	0.597463	0.671	0.488	2.77E-78	cDC2	Ndufa7
Rras1	1.38E-82	0.865882	0.27	0.136	3.39E-78	cDC2	Rras
Txn21	1.70E-82	0.818009	0.408	0.244	4.17E-78	cDC2	Txn2
Atp5h1	2.92E-82	0.567283	0.73	0.545	7.16E-78	cDC2	Atp5h
Sdcbp2	3.82E-82	0.534831	0.688	0.525	9.36E-78	cDC2	Sdcbp
Tln21	4.93E-82	0.460296	0.366	0.198	1.21E-77	cDC2	Tln2
Atp6v1g11	3.20E-81	0.522078	0.733	0.565	7.84E-77	cDC2	Atp6v1g1
Smdt11	1.48E-80	0.640893	0.593	0.41	3.62E-76	cDC2	Smdt1
Eid11	2.10E-80	0.899026	0.286	0.151	5.15E-76	cDC2	Eid1
Lamtor12	5.69E-80	0.658218	0.601	0.423	1.39E-75	cDC2	Lamtor1
Peak1	2.20E-79	0.590905	0.285	0.145	5.39E-75	cDC2	Peak1
Chchd7	3.74E-79	0.978821	0.252	0.126	9.15E-75	cDC2	Chchd7
Zbp12	1.98E-78	0.757045	0.317	0.174	4.85E-74	cDC2	Zbp1
Ndufs71	3.43E-78	0.677377	0.556	0.379	8.40E-74	cDC2	Ndufs7
Atp6v1e11	5.29E-78	0.735986	0.449	0.283	1.30E-73	cDC2	Atp6v1e1
Dhrs3	5.79E-78	0.642418	0.474	0.301	1.42E-73	cDC2	Dhrs3
Rplp13	6.32E-78	0.303412	0.985	0.917	1.55E-73	cDC2	Rplp1
Rtp41	2.48E-76	0.653659	0.403	0.241	6.07E-72	cDC2	Rtp4
Gm480991	8.79E-76	0.7702	0.429	0.267	2.15E-71	cDC2	Gm48099
Rex1bd2	1.45E-75	0.823461	0.386	0.232	3.55E-71	cDC2	Rex1bd
Fam89b1	3.44E-75	0.791441	0.421	0.262	8.43E-71	cDC2	Fam89b
Pfdn53	5.79E-75	0.430763	0.84	0.684	1.42E-70	cDC2	Pfdn5
Dmxl11	1.44E-74	0.512245	0.389	0.228	3.54E-70	cDC2	Dmxl1
Tpr1	1.63E-74	0.630793	0.517	0.348	3.99E-70	cDC2	Tpr
Ucp22	7.09E-74	0.359086	0.856	0.722	1.74E-69	cDC2	Ucp2
Oaz11	1.48E-73	0.420647	0.851	0.716	3.61E-69	cDC2	Oaz1
Tlr4	1.57E-73	0.579538	0.341	0.189	3.83E-69	cDC2	Tlr4
Acot131	4.47E-73	0.870659	0.295	0.161	1.09E-68	cDC2	Acot13
Enpp2	6.15E-73	0.810584	0.375	0.223	1.51E-68	cDC2	Enpp2
Rab1b1	7.36E-73	0.778753	0.412	0.257	1.80E-68	cDC2	Rab1b
Rps143	2.79E-72	0.315233	0.926	0.805	6.84E-68	cDC2	Rps14
Mien12	7.10E-72	0.802401	0.338	0.196	1.74E-67	cDC2	Mien1
B4galt6	2.41E-71	0.63229	0.271	0.141	5.90E-67	cDC2	B4galt6
Gm19951	8.84E-71	0.653297	0.527	0.358	2.16E-66	cDC2	Gm19951

Bcl7c1	1.84E-70	0.927853	0.258	0.136	4.50E-66	cDC2	Bcl7c
Pebp11	3.37E-70	0.652167	0.526	0.354	8.26E-66	cDC2	Pebp1
Dbnidd22	1.30E-69	0.857485	0.287	0.159	3.19E-65	cDC2	Dbnidd2
Gm155641	1.48E-69	0.786608	0.371	0.225	3.63E-65	cDC2	Gm15564
Cd3022	1.78E-69	0.559723	0.508	0.34	4.36E-65	cDC2	Cd302
Ier32	2.02E-69	0.922021	0.273	0.146	4.94E-65	cDC2	Ier3
Lyl12	6.14E-69	0.649993	0.385	0.233	1.50E-64	cDC2	Lyl1
Psmb22	1.43E-68	0.60554	0.529	0.363	3.50E-64	cDC2	Psmb2
Bank12	4.18E-68	0.260331	0.345	0.19	1.02E-63	cDC2	Bank1
Ndufa41	8.60E-68	0.535105	0.691	0.537	2.11E-63	cDC2	Ndufa4
Tomm62	1.89E-67	0.490806	0.695	0.526	4.62E-63	cDC2	Tomm6
Sf3b51	2.30E-67	0.682962	0.456	0.299	5.64E-63	cDC2	Sf3b5
Pid12	4.61E-67	0.260355	0.59	0.407	1.13E-62	cDC2	Pid1
Dazap21	7.17E-67	0.538898	0.619	0.447	1.76E-62	cDC2	Dazap2
Arl8a1	1.08E-66	0.629263	0.468	0.308	2.66E-62	cDC2	Arl8a
Mrpl272	1.28E-66	0.832845	0.272	0.149	3.14E-62	cDC2	Mrpl27
Irf71	1.63E-66	0.484543	0.325	0.185	3.99E-62	cDC2	Irf7
Atp6v1f3	2.11E-66	0.495663	0.718	0.552	5.16E-62	cDC2	Atp6v1f
Hk3	3.30E-66	0.605105	0.412	0.258	8.09E-62	cDC2	Hk3
Trappc2l2	1.36E-65	0.695074	0.437	0.283	3.33E-61	cDC2	Trappc2l
Al4135822	1.47E-65	0.662473	0.481	0.323	3.59E-61	cDC2	Al413582
Neu11	1.50E-65	0.649438	0.339	0.197	3.67E-61	cDC2	Neu1
Snap23	3.26E-65	0.588563	0.394	0.245	7.98E-61	cDC2	Snap23
Selenok1	4.49E-65	0.460847	0.732	0.583	1.10E-60	cDC2	Selenok
Atp5l2	1.42E-64	0.474352	0.735	0.561	3.49E-60	cDC2	Atp5l
Serp11	1.80E-64	0.596258	0.519	0.355	4.40E-60	cDC2	Serp1
Pmp222	2.56E-64	0.398548	0.53	0.345	6.27E-60	cDC2	Pmp22
Cox141	4.49E-64	0.711505	0.407	0.26	1.10E-59	cDC2	Cox14
Hsbp11	6.90E-64	0.645761	0.561	0.406	1.69E-59	cDC2	Hsbp1
Npc23	8.91E-64	0.265454	0.926	0.806	2.18E-59	cDC2	Npc2
Mfsd12	9.30E-64	0.599598	0.491	0.335	2.28E-59	cDC2	Mfsd1
Rps33	2.07E-63	0.282355	0.943	0.824	5.06E-59	cDC2	Rps3
Anapc111	3.44E-63	0.626819	0.505	0.344	8.44E-59	cDC2	Anapc11
Dnajc191	3.60E-63	0.656381	0.422	0.272	8.82E-59	cDC2	Dnajc19
Vegfb2	1.14E-62	0.653853	0.41	0.259	2.78E-58	cDC2	Vegfb
Churc11	1.48E-62	0.861207	0.282	0.16	3.62E-58	cDC2	Churc1
Ndufb82	1.51E-62	0.620285	0.55	0.388	3.70E-58	cDC2	Ndufb8
Rpl233	1.67E-62	0.271432	0.969	0.878	4.09E-58	cDC2	Rpl23
2810013P0	9.98E-62	0.767343	0.254	0.138	2.45E-57	cDC2	2810013P0Rik
Oasl21	1.20E-61	0.579357	0.32	0.187	2.94E-57	cDC2	Oasl2
Rbfa1	2.68E-61	0.778563	0.31	0.182	6.55E-57	cDC2	Rbfa
Ang3	4.41E-61	0.518491	0.467	0.308	1.08E-56	cDC2	Ang
Cenpb2	9.73E-61	0.9347	0.258	0.144	2.38E-56	cDC2	Cenpb
Mrpl232	2.39E-60	0.602112	0.491	0.337	5.84E-56	cDC2	Mrpl23

Sptssa1	7.28E-60	0.636327	0.45	0.299	1.78E-55	cDC2	Sptssa
Fads1	1.60E-59	0.677469	0.278	0.155	3.91E-55	cDC2	Fads1
Rab322	2.16E-59	0.81531	0.316	0.19	5.29E-55	cDC2	Rab32
Swi51	3.24E-59	0.621371	0.531	0.374	7.94E-55	cDC2	Swi5
Slc25a33	3.84E-59	0.422015	0.756	0.605	9.39E-55	cDC2	Slc25a3
Sumo31	8.63E-59	0.83923	0.279	0.161	2.11E-54	cDC2	Sumo3
Anxa42	1.77E-58	0.753951	0.265	0.149	4.33E-54	cDC2	Anxa4
Scand11	1.81E-58	0.497299	0.573	0.41	4.42E-54	cDC2	Scand1
Ndufc23	5.98E-58	0.498965	0.655	0.498	1.46E-53	cDC2	Ndufc2
Rit1	8.28E-58	0.805862	0.261	0.146	2.03E-53	cDC2	Rit1
Fkbp22	1.23E-57	0.485796	0.563	0.399	3.01E-53	cDC2	Fkbp2
Stard3nl	1.49E-57	0.560379	0.501	0.351	3.65E-53	cDC2	Stard3nl
Clic41	2.31E-57	0.598144	0.34	0.207	5.64E-53	cDC2	Clic4
Mt3	4.81E-57	0.623321	0.346	0.214	1.18E-52	cDC2	Mt3
Amdhd22	4.85E-57	0.893293	0.288	0.17	1.19E-52	cDC2	Amdhd2
Tspan33	5.47E-57	0.451227	0.55	0.388	1.34E-52	cDC2	Tspan3
Ndufb72	5.78E-57	0.547448	0.525	0.368	1.41E-52	cDC2	Ndufb7
Pcbd21	6.41E-57	0.743885	0.267	0.152	1.57E-52	cDC2	Pcbd2
Prdx41	1.52E-56	0.751441	0.306	0.182	3.71E-52	cDC2	Prdx4
Gnpda11	1.88E-56	0.795179	0.267	0.153	4.60E-52	cDC2	Gnpda1
Slc38a6	3.08E-56	0.374956	0.283	0.16	7.55E-52	cDC2	Slc38a6
Mrfap11	1.38E-55	0.519026	0.577	0.417	3.37E-51	cDC2	Mrfap1
Qdpr	1.48E-55	0.718028	0.339	0.212	3.63E-51	cDC2	Qdpr
Themis21	2.43E-55	0.552818	0.348	0.216	5.95E-51	cDC2	Themis2
Vps13c	3.36E-55	0.458548	0.338	0.205	8.23E-51	cDC2	Vps13c
H1f01	3.38E-55	0.47008	0.346	0.214	8.29E-51	cDC2	H1f0
Akr1b32	5.10E-55	0.616045	0.456	0.311	1.25E-50	cDC2	Akr1b3
Sdc32	1.01E-54	0.678892	0.387	0.252	2.48E-50	cDC2	Sdc3
Capns12	1.58E-54	0.605892	0.492	0.345	3.88E-50	cDC2	Capns1
Rps3a13	2.29E-54	0.253405	0.972	0.879	5.60E-50	cDC2	Rps3a1
Uqcr111	2.39E-54	0.530785	0.579	0.424	5.86E-50	cDC2	Uqcr11
Milr12	2.41E-54	0.708003	0.274	0.158	5.90E-50	cDC2	Milr1
Wdr41	2.55E-54	0.491212	0.27	0.153	6.24E-50	cDC2	Wdr41
Cdc42se21	2.88E-54	0.437197	0.414	0.268	7.04E-50	cDC2	Cdc42se2
Nedd81	4.36E-54	0.547119	0.602	0.446	1.07E-49	cDC2	Nedd8
Tspo2	5.55E-54	0.305539	0.617	0.442	1.36E-49	cDC2	Tspo
Ndufb101	5.92E-54	0.571953	0.546	0.395	1.45E-49	cDC2	Ndufb10
Uqcrb2	6.07E-54	0.567568	0.57	0.418	1.49E-49	cDC2	Uqcrb
Acat1	8.75E-54	0.766236	0.301	0.182	2.14E-49	cDC2	Acat1
Cox5b2	1.04E-53	0.445114	0.703	0.539	2.55E-49	cDC2	Cox5b
Cpe	1.35E-53	0.65701	0.269	0.154	3.31E-49	cDC2	Cpe
Ndufaf81	1.83E-53	0.734038	0.294	0.176	4.49E-49	cDC2	Ndufaf8
Hmox21	2.19E-53	0.514715	0.566	0.414	5.37E-49	cDC2	Hmox2
Rpl83	3.26E-53	0.261485	0.928	0.789	7.98E-49	cDC2	Rpl8

Zfp36l12	6.15E-53	0.425142	0.744	0.627	1.51E-48	cDC2	Zfp36l1
Enox2	3.16E-52	0.325976	0.278	0.158	7.74E-48	cDC2	Enox2
Apobec11	3.17E-52	0.3693	0.529	0.373	7.76E-48	cDC2	Apobec1
Slc31a11	3.36E-52	0.648192	0.324	0.201	8.22E-48	cDC2	Slc31a1
Ndufb11	4.85E-52	0.517804	0.577	0.425	1.19E-47	cDC2	Ndufb11
Ubxn12	5.70E-52	0.507568	0.537	0.382	1.40E-47	cDC2	Ubxn1
Calm31	5.84E-52	0.577583	0.474	0.328	1.43E-47	cDC2	Calm3
Mrpl141	9.43E-52	0.622985	0.344	0.216	2.31E-47	cDC2	Mrpl14
Creg12	1.44E-51	0.598134	0.722	0.594	3.52E-47	cDC2	Creg1
Trmt1121	1.53E-51	0.49915	0.63	0.48	3.74E-47	cDC2	Trmt112
Filip111	3.01E-51	0.580225	0.615	0.474	7.37E-47	cDC2	Filip11
Srp141	3.99E-51	0.564647	0.507	0.361	9.78E-47	cDC2	Srp14
Nucks1	5.41E-51	0.620417	0.346	0.219	1.32E-46	cDC2	Nucks1
1810058l2	6.80E-51	0.589198	0.392	0.258	1.66E-46	cDC2	1810058l24Rik
Etfb	7.77E-51	0.654773	0.404	0.273	1.90E-46	cDC2	Etfb
Myl61	9.22E-51	0.293571	0.768	0.602	2.26E-46	cDC2	Myl6
Cuta2	9.33E-51	0.505083	0.549	0.402	2.28E-46	cDC2	Cuta
Atp6v0a11	1.23E-50	0.423121	0.493	0.344	3.00E-46	cDC2	Atp6v0a1
Atp5d2	1.29E-50	0.442709	0.682	0.523	3.16E-46	cDC2	Atp5d
Gapvd11	1.49E-50	0.415101	0.407	0.267	3.65E-46	cDC2	Gapvd1
Cenpx2	1.51E-50	0.64432	0.408	0.275	3.71E-46	cDC2	Cenpx
Anxa61	1.71E-50	0.673063	0.297	0.18	4.18E-46	cDC2	Anxa6
Atp5o2	3.54E-50	0.510564	0.525	0.374	8.68E-46	cDC2	Atp5o
Mcfd23	3.59E-50	0.534611	0.414	0.275	8.79E-46	cDC2	Mcfd2
Rftn11	4.35E-50	0.278556	0.253	0.144	1.07E-45	cDC2	Rftn1
Tmem106c	4.40E-50	0.685592	0.251	0.144	1.08E-45	cDC2	Tmem106c
Cox6a12	4.74E-50	0.455292	0.662	0.508	1.16E-45	cDC2	Cox6a1
Eif4ebp11	6.08E-50	0.581998	0.328	0.204	1.49E-45	cDC2	Eif4ebp1
Eea1	1.32E-49	0.560998	0.288	0.172	3.23E-45	cDC2	Eea1
Hcfc1r12	1.40E-49	0.644765	0.389	0.261	3.42E-45	cDC2	Hcfc1r1
Ptov11	1.83E-49	0.61117	0.327	0.204	4.48E-45	cDC2	Ptov1
Gng122	2.40E-49	0.427594	0.433	0.293	5.87E-45	cDC2	Gng12
Slc43a2	3.07E-49	0.364214	0.412	0.271	7.52E-45	cDC2	Slc43a2
Gpr160	5.92E-49	0.472715	0.291	0.173	1.45E-44	cDC2	Gpr160
Tnfaip81	5.52E-48	0.428362	0.463	0.32	1.35E-43	cDC2	Tnfaip8
Pepd1	1.71E-47	0.537894	0.377	0.248	4.18E-43	cDC2	Pepd
Elob2	2.67E-47	0.423568	0.67	0.519	6.53E-43	cDC2	Elob
Dnajc151	5.51E-47	0.624733	0.316	0.2	1.35E-42	cDC2	Dnajc15
Rasal2	5.96E-47	0.337062	0.256	0.146	1.46E-42	cDC2	Rasal2
Polr2f2	7.63E-47	0.730685	0.304	0.192	1.87E-42	cDC2	Polr2f
Sqstm11	8.81E-47	0.502479	0.653	0.509	2.16E-42	cDC2	Sqstm1
Cox7a22	9.57E-47	0.452438	0.599	0.456	2.34E-42	cDC2	Cox7a2
Necap22	1.39E-46	0.521567	0.424	0.29	3.41E-42	cDC2	Necap2
Cox4i13	1.89E-46	0.279436	0.911	0.799	4.62E-42	cDC2	Cox4i1

G3bp21	1.92E-46	0.519229	0.468	0.331	4.70E-42	cDC2	G3bp2
Lman21	1.98E-46	0.474215	0.434	0.299	4.84E-42	cDC2	Lman2
Cox6c2	2.46E-46	0.381831	0.72	0.573	6.03E-42	cDC2	Cox6c
Rragc1	3.00E-46	0.657263	0.334	0.215	7.35E-42	cDC2	Rragc
Cd482	3.61E-46	0.411494	0.549	0.398	8.85E-42	cDC2	Cd48
Stat12	5.15E-46	0.487696	0.613	0.493	1.26E-41	cDC2	Stat1
Nampt1	9.88E-46	0.47274	0.31	0.193	2.42E-41	cDC2	Nampt
Tbca2	1.19E-45	0.479787	0.567	0.421	2.90E-41	cDC2	Tbca
Ndufa132	1.67E-45	0.409342	0.674	0.531	4.09E-41	cDC2	Ndufa13
Galnt2	1.83E-45	0.324774	0.26	0.151	4.48E-41	cDC2	Galnt2
Stx12	2.98E-45	0.586698	0.302	0.189	7.30E-41	cDC2	Stx12
Mrps211	6.93E-45	0.487637	0.477	0.341	1.70E-40	cDC2	Mrps21
Sesn12	1.00E-44	0.302147	0.443	0.297	2.45E-40	cDC2	Sesn1
Crlf22	1.15E-44	0.43924	0.411	0.273	2.81E-40	cDC2	Crlf2
Dek1	1.33E-44	0.538809	0.373	0.249	3.25E-40	cDC2	Dek
H2-DMb12	1.93E-44	0.502745	0.639	0.531	4.73E-40	cDC2	H2-DMb1
Atp6v0e1	3.02E-44	0.379303	0.7	0.558	7.40E-40	cDC2	Atp6v0e
Agpat3	3.37E-44	0.487619	0.386	0.256	8.24E-40	cDC2	Agpat3
Gclm1	3.46E-44	0.741639	0.305	0.196	8.47E-40	cDC2	Gclm
Renbp1	6.80E-44	0.531233	0.399	0.268	1.66E-39	cDC2	Renbp
Nap1l11	7.18E-44	0.579351	0.343	0.224	1.76E-39	cDC2	Nap1l1
Raly1	7.32E-44	0.553681	0.418	0.289	1.79E-39	cDC2	Raly
Pea15a1	1.13E-43	0.470723	0.461	0.323	2.76E-39	cDC2	Pea15a
Cltb	1.90E-43	0.648778	0.269	0.164	4.66E-39	cDC2	Cltb
Dynll2	2.12E-43	0.623472	0.283	0.176	5.20E-39	cDC2	Dynll2
Ptma1	2.37E-43	0.252178	0.85	0.722	5.81E-39	cDC2	Ptma
Stub1	2.94E-43	0.480522	0.427	0.297	7.20E-39	cDC2	Stub1
Mvp2	3.28E-43	0.585763	0.296	0.186	8.03E-39	cDC2	Mvp
Retreg2	4.09E-43	0.592295	0.307	0.196	1.00E-38	cDC2	Retreg2
Sh3gl11	5.75E-43	0.409569	0.404	0.275	1.41E-38	cDC2	Sh3gl1
Gbp22	6.60E-43	0.253765	0.313	0.199	1.62E-38	cDC2	Gbp2
Rabac11	1.02E-42	0.374889	0.655	0.518	2.51E-38	cDC2	Rabac1
Arpc1b2	1.87E-42	0.269598	0.819	0.699	4.57E-38	cDC2	Arpc1b
Smim141	2.61E-42	0.421865	0.435	0.301	6.39E-38	cDC2	Smim14
Micos101	2.81E-42	0.47515	0.467	0.33	6.89E-38	cDC2	Micos10
Pigp	4.67E-42	0.551362	0.306	0.195	1.14E-37	cDC2	Pigp
Cd471	4.68E-42	0.351461	0.596	0.455	1.15E-37	cDC2	Cd47
Pirb1	7.52E-42	0.368019	0.252	0.15	1.84E-37	cDC2	Pirb
Plaat32	8.94E-42	0.562062	0.317	0.204	2.19E-37	cDC2	Plaat3
5031439G	1.32E-41	0.441593	0.358	0.236	3.24E-37	cDC2	5031439G07Rik
Ndufb22	1.78E-41	0.594671	0.36	0.242	4.36E-37	cDC2	Ndufb2
Atp13a21	2.19E-41	0.444233	0.398	0.271	5.36E-37	cDC2	Atp13a2
BC005537	3.37E-41	0.511811	0.291	0.182	8.24E-37	cDC2	BC005537
Ralbp1	3.96E-41	0.478974	0.352	0.232	9.69E-37	cDC2	Ralbp1

Timm132	4.04E-41	0.491352	0.464	0.332	9.88E-37	cDC2	Timm13
Rnf145	4.66E-41	0.455808	0.286	0.178	1.14E-36	cDC2	Rnf145
Jpt11	5.72E-41	0.452471	0.49	0.354	1.40E-36	cDC2	Jpt1
Ubl52	9.54E-41	0.41835	0.623	0.478	2.34E-36	cDC2	Ubl5
Arpc51	1.16E-40	0.367584	0.565	0.425	2.85E-36	cDC2	Arpc5
Sdf2	1.28E-40	0.479746	0.36	0.241	3.12E-36	cDC2	Sdf2
Ap3d1	1.56E-40	0.433283	0.308	0.198	3.81E-36	cDC2	Ap3d1
Ifi271	1.59E-40	0.435819	0.464	0.331	3.90E-36	cDC2	Ifi27
Pink1	1.63E-40	0.610094	0.298	0.191	3.99E-36	cDC2	Pink1
Rad23b	1.80E-40	0.483203	0.307	0.197	4.41E-36	cDC2	Rad23b
Nme12	2.00E-40	0.533374	0.378	0.258	4.89E-36	cDC2	Nme1
Rab5c2	2.27E-40	0.521606	0.493	0.368	5.57E-36	cDC2	Rab5c
Mvb12a1	3.88E-40	0.533453	0.309	0.198	9.51E-36	cDC2	Mvb12a
Aldoa2	5.48E-40	0.330134	0.731	0.59	1.34E-35	cDC2	Aldoa
181003711	8.06E-40	0.45528	0.469	0.337	1.97E-35	cDC2	1810037117Rik
Mapkapk21	9.23E-40	0.383889	0.455	0.324	2.26E-35	cDC2	Mapkapk2
Spred1	9.25E-40	0.280393	0.294	0.182	2.27E-35	cDC2	Spred1
mt-Nd4	1.10E-39	0.324335	0.847	0.737	2.70E-35	cDC2	mt-Nd4
Smim11	1.27E-39	0.634177	0.291	0.187	3.12E-35	cDC2	Smim11
Rnf1871	1.29E-39	0.544387	0.398	0.278	3.16E-35	cDC2	Rnf187
Psma52	1.85E-39	0.484563	0.428	0.304	4.52E-35	cDC2	Psma5
Med282	3.08E-39	0.459796	0.486	0.354	7.53E-35	cDC2	Med28
Phf20	3.30E-39	0.318016	0.333	0.216	8.08E-35	cDC2	Phf20
Eef1d3	4.59E-39	0.388205	0.635	0.489	1.12E-34	cDC2	Eef1d
Chmp4b2	4.84E-39	0.39477	0.598	0.46	1.19E-34	cDC2	Chmp4b
Serf22	6.22E-39	0.253177	0.871	0.755	1.52E-34	cDC2	Serf2
Pnp2	6.59E-39	0.428359	0.596	0.476	1.61E-34	cDC2	Pnp
Hdgf2	1.24E-38	0.677658	0.267	0.17	3.04E-34	cDC2	Hdgf
Tmem373	1.98E-38	0.438953	0.4	0.276	4.84E-34	cDC2	Tmem37
Cpq1	2.36E-38	0.255783	0.457	0.318	5.78E-34	cDC2	Cpq
Park72	2.50E-38	0.470033	0.536	0.405	6.13E-34	cDC2	Park7
Uqcr102	4.15E-38	0.423103	0.516	0.378	1.02E-33	cDC2	Uqcr10
Sdhc	5.61E-38	0.516218	0.291	0.188	1.37E-33	cDC2	Sdhc
Ndufa51	5.74E-38	0.577855	0.341	0.231	1.40E-33	cDC2	Ndufa5
Dpp71	7.01E-38	0.60987	0.265	0.166	1.72E-33	cDC2	Dpp7
Dnajb141	7.55E-38	0.465445	0.352	0.239	1.85E-33	cDC2	Dnajb14
Adrb22	8.68E-38	0.364215	0.499	0.359	2.12E-33	cDC2	Adrb2
Pitpna1	1.04E-37	0.318935	0.613	0.477	2.54E-33	cDC2	Pitpna
Ndufa22	1.85E-37	0.449284	0.563	0.432	4.54E-33	cDC2	Ndufa2
Ntan11	2.07E-37	0.538393	0.281	0.18	5.08E-33	cDC2	Ntan1
Gpi12	2.15E-37	0.348479	0.598	0.448	5.27E-33	cDC2	Gpi1
Atp6v0d11	2.51E-37	0.404533	0.497	0.367	6.14E-33	cDC2	Atp6v0d1
Epn1	2.85E-37	0.436423	0.486	0.36	6.99E-33	cDC2	Epn1
Asah13	4.30E-37	0.283928	0.768	0.669	1.05E-32	cDC2	Asah1

Romo11	4.33E-37	0.4934	0.382	0.266	1.06E-32	cDC2	Romo1
Higd2a3	4.44E-37	0.438873	0.536	0.41	1.09E-32	cDC2	Higd2a
Psemb42	4.45E-37	0.536144	0.394	0.278	1.09E-32	cDC2	Psemb4
Tnfrsf11a1	5.96E-37	0.265245	0.506	0.372	1.46E-32	cDC2	Tnfrsf11a
Wasl	7.19E-37	0.439251	0.316	0.208	1.76E-32	cDC2	Wasl
Sumo21	7.29E-37	0.371155	0.639	0.507	1.79E-32	cDC2	Sumo2
Hmgn12	7.44E-37	0.448743	0.447	0.322	1.82E-32	cDC2	Hmgn1
Atp5j3	1.17E-36	0.364653	0.678	0.538	2.86E-32	cDC2	Atp5j
Rab7	3.41E-36	0.40938	0.518	0.39	8.35E-32	cDC2	Rab7
Snu131	4.20E-36	0.453161	0.433	0.313	1.03E-31	cDC2	Snu13
Nme23	4.51E-36	0.335537	0.743	0.596	1.11E-31	cDC2	Nme2
Cep852	4.92E-36	0.534651	0.4	0.287	1.21E-31	cDC2	Cep85
Psmg41	5.81E-36	0.572637	0.274	0.178	1.42E-31	cDC2	Psmg4
Esd2	1.14E-35	0.421375	0.445	0.322	2.78E-31	cDC2	Esd
Eif4b2	1.21E-35	0.499618	0.398	0.282	2.97E-31	cDC2	Eif4b
Sgpl11	1.80E-35	0.346694	0.449	0.323	4.41E-31	cDC2	Sgpl1
Axl2	1.86E-35	0.469708	0.378	0.263	4.56E-31	cDC2	Axl
Washc2	2.08E-35	0.44327	0.321	0.216	5.09E-31	cDC2	Washc2
Trafd11	2.47E-35	0.360786	0.49	0.364	6.06E-31	cDC2	Trafd1
Hnrnpul21	4.25E-35	0.528371	0.338	0.231	1.04E-30	cDC2	Hnrnpul2
Atp5b2	1.16E-34	0.370328	0.665	0.53	2.84E-30	cDC2	Atp5b
Commd11	1.83E-34	0.490536	0.318	0.215	4.48E-30	cDC2	Commd1
Atp5j22	2.74E-34	0.358577	0.646	0.515	6.70E-30	cDC2	Atp5j2
Mrps242	3.59E-34	0.453921	0.387	0.275	8.80E-30	cDC2	Mrps24
Mrpl421	4.15E-34	0.591026	0.332	0.231	1.02E-29	cDC2	Mrpl42
Myl12a1	4.34E-34	0.352925	0.591	0.448	1.06E-29	cDC2	Myl12a
H2-T233	5.23E-34	0.321965	0.799	0.711	1.28E-29	cDC2	H2-T23
Abhd17a2	5.52E-34	0.572905	0.332	0.228	1.35E-29	cDC2	Abhd17a
Sod22	5.89E-34	0.507767	0.284	0.187	1.44E-29	cDC2	Sod2
Lmo22	7.97E-34	0.326032	0.583	0.451	1.95E-29	cDC2	Lmo2
Chmp2a1	1.21E-33	0.431997	0.42	0.304	2.96E-29	cDC2	Chmp2a
Rps27l2	1.55E-33	0.29885	0.482	0.355	3.79E-29	cDC2	Rps27l
Rps173	1.74E-33	0.319682	0.693	0.559	4.25E-29	cDC2	Rps17
Selenow2	2.49E-33	0.296468	0.604	0.456	6.09E-29	cDC2	Selenow
Vps291	3.22E-33	0.412857	0.432	0.313	7.88E-29	cDC2	Vps29
Irgm11	3.78E-33	0.45029	0.349	0.244	9.25E-29	cDC2	Irgm1
Prpf8	3.93E-33	0.406468	0.365	0.254	9.63E-29	cDC2	Prpf8
Mxd4	4.01E-33	0.445113	0.263	0.168	9.81E-29	cDC2	Mxd4
Cdk41	4.47E-33	0.499502	0.354	0.249	1.10E-28	cDC2	Cdk4
Fcho21	6.24E-33	0.269291	0.511	0.385	1.53E-28	cDC2	Fcho2
Eif5a2	9.21E-33	0.320968	0.626	0.487	2.25E-28	cDC2	Eif5a
Hmgb1	1.23E-32	0.344463	0.633	0.51	3.01E-28	cDC2	Hmgb1
Ndufb92	1.26E-32	0.395774	0.573	0.446	3.09E-28	cDC2	Ndufb9
Atp5g23	1.31E-32	0.268857	0.826	0.682	3.20E-28	cDC2	Atp5g2

S100a131	1.43E-32	0.48335	0.326	0.223	3.50E-28	cDC2	S100a13
Zc3h7a	1.82E-32	0.48637	0.598	0.487	4.45E-28	cDC2	Zc3h7a
Ddrgk12	1.97E-32	0.350023	0.523	0.395	4.82E-28	cDC2	Ddrgk1
Prelid12	1.97E-32	0.410002	0.453	0.332	4.83E-28	cDC2	Prelid1
2210016F1	2.23E-32	0.617586	0.279	0.185	5.47E-28	cDC2	2210016F16Rik
Lmbrd11	2.49E-32	0.318768	0.376	0.261	6.09E-28	cDC2	Lmbrd1
Il2rg2	2.61E-32	0.570677	0.313	0.218	6.39E-28	cDC2	Il2rg
Pdcd61	2.65E-32	0.602881	0.298	0.203	6.50E-28	cDC2	Pdcd6
Morf4l1	3.09E-32	0.3314	0.692	0.581	7.57E-28	cDC2	Morf4l1
Atp5a12	3.20E-32	0.366869	0.593	0.467	7.83E-28	cDC2	Atp5a1
Atp5g12	4.24E-32	0.364146	0.603	0.463	1.04E-27	cDC2	Atp5g1
Jund1	9.38E-32	0.371946	0.748	0.687	2.30E-27	cDC2	Jund
Pdcd6ip1	1.20E-31	0.410481	0.371	0.264	2.95E-27	cDC2	Pdcd6ip
Pnkd	1.53E-31	0.502963	0.276	0.182	3.74E-27	cDC2	Pnkd
Rasa1	1.72E-31	0.295332	0.313	0.209	4.21E-27	cDC2	Rasa1
Arpc1a	1.91E-31	0.436558	0.389	0.281	4.67E-27	cDC2	Arpc1a
Naca3	2.40E-31	0.268034	0.83	0.699	5.88E-27	cDC2	Naca
Tmem140	4.39E-31	0.38968	0.262	0.169	1.08E-26	cDC2	Tmem140
Map1lc3b1	5.18E-31	0.371111	0.457	0.342	1.27E-26	cDC2	Map1lc3b
Cacybp1	5.32E-31	0.510016	0.287	0.193	1.30E-26	cDC2	Cacybp
Coro1b2	7.22E-31	0.342464	0.592	0.466	1.77E-26	cDC2	Coro1b
Tsen34	7.69E-31	0.415666	0.297	0.199	1.88E-26	cDC2	Tsen34
Prdx21	8.34E-31	0.397341	0.465	0.347	2.04E-26	cDC2	Prdx2
Sypl1	1.30E-30	0.402263	0.399	0.289	3.19E-26	cDC2	Sypl
Rab24	1.68E-30	0.328468	0.343	0.237	4.12E-26	cDC2	Rab24
Hmgn2	2.27E-30	0.28832	0.43	0.318	5.57E-26	cDC2	Hmgn2
Zfyve21	3.09E-30	0.501545	0.256	0.167	7.56E-26	cDC2	Zfyve21
Dpm3	4.15E-30	0.400625	0.378	0.271	1.02E-25	cDC2	Dpm3
Ufc11	4.54E-30	0.478582	0.36	0.257	1.11E-25	cDC2	Ufc1
Sdhd2	5.74E-30	0.452845	0.377	0.273	1.41E-25	cDC2	Sdhd
Psmb102	6.19E-30	0.354598	0.497	0.379	1.51E-25	cDC2	Psmb10
Gtf2a2	6.63E-30	0.411187	0.31	0.212	1.62E-25	cDC2	Gtf2a2
Szrd11	7.13E-30	0.397224	0.29	0.196	1.75E-25	cDC2	Szrd1
Dstn	7.39E-30	0.345721	0.382	0.272	1.81E-25	cDC2	Dstn
Mid1ip11	7.81E-30	0.443622	0.316	0.216	1.91E-25	cDC2	Mid1ip1
Ahsa11	8.74E-30	0.565333	0.297	0.204	2.14E-25	cDC2	Ahsa1
Hp1bp31	3.13E-29	0.338796	0.374	0.265	7.66E-25	cDC2	Hp1bp3
Trim251	3.22E-29	0.434901	0.254	0.167	7.89E-25	cDC2	Trim25
Rnaseh2c1	8.45E-29	0.465695	0.321	0.224	2.07E-24	cDC2	Rnaseh2c
Card191	1.33E-28	0.384069	0.346	0.246	3.27E-24	cDC2	Card19
Ube2s1	2.27E-28	0.411459	0.353	0.252	5.56E-24	cDC2	Ube2s
Nadk1	2.43E-28	0.33158	0.345	0.246	5.94E-24	cDC2	Nadk
Hpcal12	2.71E-28	0.299331	0.361	0.258	6.65E-24	cDC2	Hpcal1
Psm72	3.70E-28	0.279596	0.533	0.409	9.05E-24	cDC2	Psm7

Banf12	3.80E-28	0.481085	0.368	0.266	9.31E-24	cDC2	Banf1
Drap11	4.31E-28	0.397739	0.463	0.346	1.06E-23	cDC2	Drap1
Ndufv32	4.41E-28	0.368364	0.488	0.37	1.08E-23	cDC2	Ndufv3
Ndufa62	5.16E-28	0.328978	0.643	0.517	1.26E-23	cDC2	Ndufa6
Tmbim41	6.90E-28	0.292008	0.551	0.432	1.69E-23	cDC2	Tmbim4
Aif13	1.03E-27	0.263952	0.815	0.699	2.53E-23	cDC2	Aif1
Snrpd22	1.07E-27	0.431708	0.362	0.261	2.61E-23	cDC2	Snrpd2
H2afv	1.14E-27	0.343538	0.344	0.243	2.79E-23	cDC2	H2afv
Slc9a3r11	2.53E-27	0.545566	0.258	0.174	6.19E-23	cDC2	Slc9a3r1
Lsm42	3.38E-27	0.49327	0.35	0.255	8.28E-23	cDC2	Lsm4
Bcl101	4.00E-27	0.451332	0.357	0.26	9.80E-23	cDC2	Bcl10
Tmx1	4.69E-27	0.354121	0.264	0.177	1.15E-22	cDC2	Tmx1
Polr2j1	4.73E-27	0.493516	0.287	0.2	1.16E-22	cDC2	Polr2j
Skp1a	5.98E-27	0.457269	0.44	0.338	1.47E-22	cDC2	Skp1a
Nt5c1	8.00E-27	0.460535	0.29	0.201	1.96E-22	cDC2	Nt5c
Ndufab11	1.13E-26	0.378897	0.441	0.331	2.76E-22	cDC2	Ndufab1
Dctn31	1.38E-26	0.407283	0.375	0.274	3.38E-22	cDC2	Dctn3
Slc25a391	1.39E-26	0.413168	0.4	0.297	3.40E-22	cDC2	Slc25a39
Reep51	1.47E-26	0.281612	0.687	0.573	3.60E-22	cDC2	Reep5
Lamtor31	2.21E-26	0.474162	0.26	0.177	5.42E-22	cDC2	Lamtor3
Atp6v1d1	3.15E-26	0.368844	0.381	0.279	7.72E-22	cDC2	Atp6v1d
Mrpl511	3.46E-26	0.517488	0.263	0.181	8.48E-22	cDC2	Mrpl51
Lamtor41	3.60E-26	0.30961	0.559	0.44	8.82E-22	cDC2	Lamtor4
Nisch1	4.55E-26	0.260995	0.465	0.351	1.11E-21	cDC2	Nisch
Vti1b	6.39E-26	0.353425	0.392	0.289	1.56E-21	cDC2	Vti1b
Dnase2a3	6.66E-26	0.268448	0.503	0.383	1.63E-21	cDC2	Dnase2a
Igsf61	7.65E-26	0.293651	0.318	0.224	1.87E-21	cDC2	Igsf6
Glmp3	8.57E-26	0.267843	0.587	0.464	2.10E-21	cDC2	Glmp
Gm420311	8.91E-26	0.425384	0.262	0.179	2.18E-21	cDC2	Gm42031
Rbx11	8.95E-26	0.307177	0.582	0.46	2.19E-21	cDC2	Rbx1
Rab5if2	9.01E-26	0.364243	0.498	0.393	2.21E-21	cDC2	Rab5if
Jarid2	1.06E-25	0.404945	0.432	0.331	2.60E-21	cDC2	Jarid2
Lamtor51	1.24E-25	0.455758	0.335	0.243	3.04E-21	cDC2	Lamtor5
Fkbp81	1.55E-25	0.401999	0.423	0.321	3.80E-21	cDC2	Fkbp8
Timm8b1	1.74E-25	0.410514	0.317	0.226	4.27E-21	cDC2	Timm8b
St131	1.85E-25	0.364431	0.36	0.261	4.53E-21	cDC2	St13
Fam50a2	2.36E-25	0.526217	0.257	0.177	5.79E-21	cDC2	Fam50a
Tln11	2.74E-25	0.276479	0.59	0.474	6.70E-21	cDC2	Tln1
Trappc41	4.35E-25	0.386583	0.347	0.253	1.07E-20	cDC2	Trappc4
Rasa42	8.05E-25	0.278874	0.452	0.343	1.97E-20	cDC2	Rasa4
Psm31	9.94E-25	0.3106	0.533	0.418	2.43E-20	cDC2	Psm3
Zmat21	1.20E-24	0.446318	0.314	0.226	2.95E-20	cDC2	Zmat2
Mrps33	1.37E-24	0.38977	0.429	0.326	3.37E-20	cDC2	Mrps33
Ndufb41	2.06E-24	0.348536	0.471	0.362	5.04E-20	cDC2	Ndufb4

Vwa5a	2.26E-24	0.332339	0.277	0.192	5.55E-20	cDC2	Vwa5a
Aurkaip12	6.90E-24	0.397492	0.35	0.26	1.69E-19	cDC2	Aurkaip1
Atp5mpl3	8.09E-24	0.363575	0.524	0.415	1.98E-19	cDC2	Atp5mpl
Tifa1	8.54E-24	0.266653	0.376	0.272	2.09E-19	cDC2	Tifa
Snrpd11	1.02E-23	0.418902	0.294	0.21	2.50E-19	cDC2	Snrpd1
Cox7b2	1.04E-23	0.324049	0.475	0.363	2.56E-19	cDC2	Cox7b
Chchd22	1.13E-23	0.340809	0.477	0.371	2.76E-19	cDC2	Chchd2
Casp11	1.71E-23	0.481726	0.256	0.179	4.20E-19	cDC2	Casp1
Sirt21	2.54E-23	0.327797	0.413	0.312	6.22E-19	cDC2	Sirt2
Zfp106	2.64E-23	0.422229	0.299	0.215	6.48E-19	cDC2	Zfp106
Ttc3	2.91E-23	0.259839	0.27	0.187	7.11E-19	cDC2	Ttc3
Mrps161	2.91E-23	0.454468	0.282	0.201	7.13E-19	cDC2	Mrps16
Cpne3	3.21E-23	0.340466	0.297	0.21	7.87E-19	cDC2	Cpne3
Spg212	3.53E-23	0.375918	0.329	0.239	8.65E-19	cDC2	Spg21
Sf3b21	3.56E-23	0.328777	0.477	0.372	8.71E-19	cDC2	Sf3b2
Atp1b31	3.63E-23	0.270667	0.546	0.436	8.89E-19	cDC2	Atp1b3
Ube2m1	5.48E-23	0.408138	0.408	0.31	1.34E-18	cDC2	Ube2m
Dusp7	6.65E-23	0.358177	0.257	0.176	1.63E-18	cDC2	Dusp7
Rnf72	7.13E-23	0.293361	0.48	0.371	1.75E-18	cDC2	Rnf7
Nudc1	8.75E-23	0.431755	0.369	0.277	2.14E-18	cDC2	Nudc
Mea12	1.23E-22	0.497635	0.276	0.197	3.02E-18	cDC2	Mea1
Mbd21	1.24E-22	0.287511	0.345	0.252	3.04E-18	cDC2	Mbd2
Dnajc31	1.45E-22	0.298502	0.49	0.383	3.56E-18	cDC2	Dnajc3
Rrp11	1.51E-22	0.351295	0.362	0.27	3.70E-18	cDC2	Rrp1
Cln81	1.76E-22	0.31502	0.273	0.191	4.31E-18	cDC2	Cln8
Ndufs51	1.86E-22	0.389409	0.428	0.33	4.56E-18	cDC2	Ndufs5
Pfdn21	2.25E-22	0.316922	0.367	0.274	5.52E-18	cDC2	Pfdn2
Grcc102	2.30E-22	0.256325	0.699	0.581	5.64E-18	cDC2	Grcc10
Ubald21	2.46E-22	0.32409	0.379	0.285	6.03E-18	cDC2	Ubald2
Mrp1302	4.79E-22	0.354481	0.377	0.281	1.17E-17	cDC2	Mrp130
Gm162861	5.94E-22	0.379622	0.317	0.232	1.46E-17	cDC2	Gm16286
Snapc51	6.18E-22	0.372065	0.264	0.185	1.51E-17	cDC2	Snapc5
BC005624	6.24E-22	0.332008	0.32	0.234	1.53E-17	cDC2	BC005624
Atp6ap14	8.20E-22	0.261542	0.615	0.504	2.01E-17	cDC2	Atp6ap1
Selenof3	8.54E-22	0.250013	0.723	0.621	2.09E-17	cDC2	Selenof
Ten11	1.07E-21	0.38025	0.272	0.193	2.63E-17	cDC2	Ten1
Eif3d1	1.23E-21	0.42654	0.286	0.206	3.01E-17	cDC2	Eif3d
Ech1	1.30E-21	0.311867	0.356	0.264	3.18E-17	cDC2	Ech1
Lrrc58	1.47E-21	0.352208	0.286	0.203	3.60E-17	cDC2	Lrrc58
Atp6v1b22	1.80E-21	0.278	0.435	0.334	4.42E-17	cDC2	Atp6v1b2
Cmpk11	2.03E-21	0.342169	0.359	0.269	4.98E-17	cDC2	Cmpk1
Bcas21	2.79E-21	0.386263	0.306	0.223	6.83E-17	cDC2	Bcas2
Vps26a1	3.38E-21	0.335856	0.277	0.197	8.29E-17	cDC2	Vps26a
Sec61g2	3.63E-21	0.257664	0.543	0.432	8.88E-17	cDC2	Sec61g

Ndufv21	3.66E-21	0.343127	0.383	0.292	8.97E-17	cDC2	Ndufv2
Ilk1	5.23E-21	0.333714	0.383	0.289	1.28E-16	cDC2	Ilk
Atp1a1	6.37E-21	0.255724	0.447	0.347	1.56E-16	cDC2	Atp1a1
Cfdp1	6.69E-21	0.276193	0.277	0.197	1.64E-16	cDC2	Cfdp1
Orai3	7.49E-21	0.378252	0.27	0.192	1.84E-16	cDC2	Orai3
Dtnbp12	7.82E-21	0.255973	0.383	0.285	1.91E-16	cDC2	Dtnbp1
Plekhj1	8.75E-21	0.311853	0.388	0.295	2.14E-16	cDC2	Plekhj1
2-Jun	1.03E-20	0.356168	0.695	0.635	2.52E-16	cDC2	Jun
Uba11	1.06E-20	0.322287	0.284	0.204	2.58E-16	cDC2	Uba1
Ppp1r9b1	1.36E-20	0.352231	0.31	0.226	3.32E-16	cDC2	Ppp1r9b
Ik	1.40E-20	0.354216	0.314	0.231	3.43E-16	cDC2	Ik
Anp32a1	1.41E-20	0.257548	0.449	0.347	3.46E-16	cDC2	Anp32a
Flii1	1.44E-20	0.352866	0.313	0.229	3.52E-16	cDC2	Flii
Ssu72	1.61E-20	0.273581	0.465	0.364	3.94E-16	cDC2	Ssu72
Chmp51	1.96E-20	0.47948	0.299	0.22	4.81E-16	cDC2	Chmp5
Tmem141	2.46E-20	0.436812	0.251	0.177	6.01E-16	cDC2	Tmem141
Atxn7l3b1	4.26E-20	0.264953	0.396	0.301	1.04E-15	cDC2	Atxn7l3b
Mrps362	4.30E-20	0.413468	0.253	0.181	1.05E-15	cDC2	Mrps36
Sumo11	5.22E-20	0.314556	0.417	0.323	1.28E-15	cDC2	Sumo1
Znhit11	6.13E-20	0.390437	0.266	0.192	1.50E-15	cDC2	Znhit1
Degs1	6.24E-20	0.281408	0.329	0.242	1.53E-15	cDC2	Degs1
Trappc3	7.86E-20	0.311567	0.295	0.215	1.93E-15	cDC2	Trappc3
Pfdn12	7.93E-20	0.378544	0.266	0.191	1.94E-15	cDC2	Pfdn1
Vcp1	8.13E-20	0.324106	0.483	0.384	1.99E-15	cDC2	Vcp
Edf12	1.01E-19	0.263552	0.572	0.459	2.48E-15	cDC2	Edf1
Hagh	1.07E-19	0.296505	0.266	0.19	2.63E-15	cDC2	Hagh
Eif4e	1.33E-19	0.320695	0.263	0.187	3.26E-15	cDC2	Eif4e
Tomm72	1.71E-19	0.312059	0.483	0.383	4.20E-15	cDC2	Tomm7
Kdelr12	2.17E-19	0.292953	0.435	0.34	5.30E-15	cDC2	Kdelr1
Ndufb53	2.72E-19	0.285259	0.47	0.37	6.67E-15	cDC2	Ndufb5
Arhgdia2	2.87E-19	0.268639	0.642	0.53	7.02E-15	cDC2	Arhgdia
Snrpb1	2.93E-19	0.271084	0.504	0.399	7.18E-15	cDC2	Snrpb
Ndufb31	3.02E-19	0.340571	0.391	0.303	7.40E-15	cDC2	Ndufb3
Dynlrb11	3.11E-19	0.262317	0.413	0.319	7.62E-15	cDC2	Dynlrb1
Ppp4c1	3.15E-19	0.298405	0.434	0.339	7.72E-15	cDC2	Ppp4c
Mdh1	3.61E-19	0.334906	0.479	0.387	8.84E-15	cDC2	Mdh1
Ndufa82	3.81E-19	0.322489	0.417	0.321	9.34E-15	cDC2	Ndufa8
Psma22	3.83E-19	0.285823	0.45	0.355	9.39E-15	cDC2	Psma2
Txnl11	3.94E-19	0.364901	0.329	0.248	9.65E-15	cDC2	Txnl1
Phb1	4.14E-19	0.354664	0.3	0.221	1.01E-14	cDC2	Phb
Gemin7	5.63E-19	0.384534	0.257	0.185	1.38E-14	cDC2	Gemin7
Osgep1	5.73E-19	0.345944	0.292	0.215	1.40E-14	cDC2	Osgep
Secisbp2l	6.12E-19	0.289976	0.304	0.225	1.50E-14	cDC2	Secisbp2l
Gaa2	6.56E-19	0.280542	0.325	0.241	1.61E-14	cDC2	Gaa

Coa32	7.23E-19	0.304152	0.368	0.282	1.77E-14	cDC2	Coa3
Abhd16a	7.94E-19	0.290965	0.311	0.231	1.94E-14	cDC2	Abhd16a
Mrps18a1	1.31E-18	0.396297	0.269	0.196	3.21E-14	cDC2	Mrps18a
Map7d11	1.57E-18	0.276022	0.297	0.22	3.85E-14	cDC2	Map7d1
Ighm1	1.61E-18	0.278239	0.467	0.375	3.95E-14	cDC2	Ighm
Snrpd31	1.89E-18	0.337606	0.321	0.24	4.64E-14	cDC2	Snrpd3
Pttg11	2.40E-18	0.322681	0.281	0.206	5.87E-14	cDC2	Pttg1
0610010K1	2.57E-18	0.277794	0.339	0.256	6.29E-14	cDC2	0610010K14Rik
Eif3a2	2.76E-18	0.291041	0.431	0.34	6.76E-14	cDC2	Eif3a
Ssbp42	2.92E-18	0.290462	0.407	0.319	7.14E-14	cDC2	Ssbp4
Ndufb62	2.96E-18	0.410672	0.34	0.26	7.26E-14	cDC2	Ndufb6
2-Mar	3.17E-18	0.283355	0.273	0.199	7.77E-14	cDC2	2-Mar
Prdx61	3.18E-18	0.296871	0.269	0.196	7.80E-14	cDC2	Prdx6
Ptpmt11	3.26E-18	0.313833	0.294	0.217	7.98E-14	cDC2	Ptpmt1
Sri1	3.33E-18	0.254762	0.414	0.32	8.15E-14	cDC2	Sri
Dguok	4.20E-18	0.256474	0.323	0.242	1.03E-13	cDC2	Dguok
Cops91	4.34E-18	0.338544	0.454	0.364	1.06E-13	cDC2	Cops9
Tuba1b1	4.66E-18	0.290907	0.463	0.365	1.14E-13	cDC2	Tuba1b
Naa381	5.27E-18	0.35025	0.32	0.24	1.29E-13	cDC2	Naa38
Ormdl21	6.09E-18	0.325716	0.265	0.192	1.49E-13	cDC2	Ormdl2
Cct52	6.15E-18	0.28349	0.351	0.268	1.51E-13	cDC2	Cct5
Mbp1	6.90E-18	0.308979	0.395	0.315	1.69E-13	cDC2	Mbp
Srp91	7.34E-18	0.288938	0.464	0.367	1.80E-13	cDC2	Srp9
Ly6a2	8.51E-18	1.027308	0.316	0.259	2.08E-13	cDC2	Ly6a
Taf102	9.94E-18	0.254832	0.463	0.364	2.43E-13	cDC2	Taf10
Maf12	1.06E-17	0.277804	0.335	0.254	2.59E-13	cDC2	Maf1
Soat12	1.48E-17	0.300823	0.369	0.285	3.62E-13	cDC2	Soat1
Pdcd5	1.50E-17	0.358137	0.374	0.291	3.67E-13	cDC2	Pdcd5
Rnf5	1.62E-17	0.30273	0.31	0.233	3.97E-13	cDC2	Rnf5
Cdc372	1.95E-17	0.363388	0.408	0.323	4.77E-13	cDC2	Cdc37
Naxe1	2.66E-17	0.264719	0.377	0.291	6.50E-13	cDC2	Naxe
Sin3b2	2.83E-17	0.329756	0.352	0.27	6.93E-13	cDC2	Sin3b
Aamp	3.22E-17	0.289182	0.378	0.294	7.89E-13	cDC2	Aamp
Idh3b2	3.51E-17	0.33112	0.352	0.271	8.59E-13	cDC2	Idh3b
Rab11b	3.89E-17	0.273064	0.451	0.359	9.54E-13	cDC2	Rab11b
Etfa1	4.99E-17	0.285554	0.29	0.216	1.22E-12	cDC2	Etfa
Ndufs31	7.77E-17	0.260755	0.405	0.317	1.90E-12	cDC2	Ndufs3
Pnpla2	8.01E-17	0.273714	0.286	0.213	1.96E-12	cDC2	Pnpla2
Ndufc12	9.16E-17	0.28639	0.364	0.282	2.24E-12	cDC2	Ndufc1
Ddb1	9.72E-17	0.298733	0.256	0.187	2.38E-12	cDC2	Ddb1
Gtf2h51	1.49E-16	0.336345	0.27	0.201	3.64E-12	cDC2	Gtf2h5
Tomm52	1.85E-16	0.277528	0.27	0.2	4.54E-12	cDC2	Tomm5
Cdc123	2.45E-16	0.259088	0.278	0.206	6.01E-12	cDC2	Cdc123
Cwc151	3.09E-16	0.307893	0.391	0.309	7.56E-12	cDC2	Cwc15

Ppp2r1a1	5.31E-16	0.329096	0.306	0.235	1.30E-11	cDC2	Ppp2r1a
Uqcc22	5.57E-16	0.35245	0.36	0.284	1.36E-11	cDC2	Uqcc2
Ndufa122	7.41E-16	0.318428	0.333	0.259	1.81E-11	cDC2	Ndufa12
Chchd12	9.14E-16	0.336564	0.27	0.202	2.24E-11	cDC2	Chchd1
Tmem1602	1.28E-15	0.307136	0.372	0.291	3.13E-11	cDC2	Tmem160
Trappc6b	2.51E-15	0.287723	0.316	0.243	6.15E-11	cDC2	Trappc6b
Bloc1s12	2.59E-15	0.345581	0.294	0.225	6.34E-11	cDC2	Bloc1s1
Arf3	2.82E-15	0.280748	0.301	0.228	6.90E-11	cDC2	Arf3
Cops62	4.06E-15	0.310925	0.304	0.233	9.95E-11	cDC2	Cops6
Smc1a	4.52E-15	0.261938	0.276	0.207	1.11E-10	cDC2	Smc1a
Dnaja11	1.40E-14	0.27056	0.367	0.292	3.44E-10	cDC2	Dnaja1
Atp5md1	1.47E-14	0.251284	0.496	0.401	3.61E-10	cDC2	Atp5md
Psm62	1.92E-14	0.290295	0.341	0.269	4.69E-10	cDC2	Psm6
Snrpf2	2.44E-14	0.254762	0.346	0.27	5.98E-10	cDC2	Snrpf
Micos132	3.37E-14	0.306502	0.397	0.316	8.24E-10	cDC2	Micos13
Rheb1	5.40E-14	0.251456	0.386	0.305	1.32E-09	cDC2	Rheb
Mrpl181	5.43E-14	0.412054	0.256	0.194	1.33E-09	cDC2	Mrpl18
Cuedc21	5.89E-14	0.323947	0.372	0.298	1.44E-09	cDC2	Cuedc2
Hspd12	6.15E-14	0.330678	0.295	0.228	1.51E-09	cDC2	Hspd1
Psm41	6.61E-14	0.262224	0.312	0.241	1.62E-09	cDC2	Psm4
Ndufa111	7.38E-14	0.268869	0.431	0.35	1.81E-09	cDC2	Ndufa11
Trappc11	1.03E-13	0.3195	0.268	0.204	2.51E-09	cDC2	Trappc1
Lsm71	1.55E-13	0.264039	0.294	0.227	3.79E-09	cDC2	Lsm7
Fcgr43	3.04E-13	0.317808	0.305	0.241	7.43E-09	cDC2	Fcgr4
Mrpl172	3.42E-13	0.261714	0.336	0.264	8.38E-09	cDC2	Mrpl17
Ube2v12	5.02E-13	0.302043	0.356	0.283	1.23E-08	cDC2	Ube2v1
Ptges3	5.58E-13	0.289452	0.37	0.296	1.37E-08	cDC2	Ptges3
Copz11	6.13E-13	0.30264	0.29	0.224	1.50E-08	cDC2	Copz1
Hspa91	6.37E-13	0.26555	0.264	0.202	1.56E-08	cDC2	Hspa9
Copb21	9.26E-13	0.271658	0.258	0.197	2.27E-08	cDC2	Copb2
Psm22	1.10E-12	0.316325	0.256	0.197	2.69E-08	cDC2	Psm2
Tex2612	1.22E-12	0.298118	0.317	0.249	3.00E-08	cDC2	Tex261
Alyref1	1.96E-12	0.268145	0.271	0.209	4.81E-08	cDC2	Alyref
Ssna11	3.88E-12	0.275024	0.252	0.194	9.49E-08	cDC2	Ssna1
Ndufs62	4.03E-12	0.337204	0.269	0.21	9.87E-08	cDC2	Ndufs6
Eif3i2	4.08E-12	0.255668	0.401	0.324	9.98E-08	cDC2	Eif3i
Pdcl3	1.80E-11	0.260145	0.25	0.193	4.40E-07	cDC2	Pdcl3
Ssr3	3.58E-11	0.259816	0.284	0.224	8.78E-07	cDC2	Ssr3
Ube2q11	6.09E-11	0.275571	0.264	0.208	1.49E-06	cDC2	Ube2q1
Rbbp7	8.11E-11	0.263702	0.271	0.213	1.99E-06	cDC2	Rbbp7
Mrpl362	1.12E-10	0.267028	0.25	0.197	2.74E-06	cDC2	Mrpl36
Mrpl122	2.32E-10	0.268236	0.258	0.204	5.69E-06	cDC2	Mrpl12
Mrps141	2.71E-10	0.268241	0.31	0.248	6.62E-06	cDC2	Mrps14
Eif3m2	2.76E-10	0.276291	0.344	0.281	6.76E-06	cDC2	Eif3m

Snrpc1	1.47E-09	0.256563	0.291	0.235	3.60E-05	cDC2	Snrpc
Hbb-bs	0	5.857383	0.622	0.138	0	Platelets	Hbb-bs
Hba-a1	0	5.681333	0.597	0.12	0	Platelets	Hba-a1
Hba-a2	0	5.690926	0.573	0.102	0	Platelets	Hba-a2
Hbb-bt	0	6.150924	0.429	0.034	0	Platelets	Hbb-bt
Ttr2	0	2.4259	0.832	0.493	0	Platelets	Ttr
Mt31	0	2.561694	0.523	0.204	0	Platelets	Mt3
Enpp21	0	2.426576	0.513	0.215	0	Platelets	Enpp2
Alas2	0	6.047113	0.301	0.015	0	Platelets	Alas2
Cpe1	0	2.733512	0.423	0.146	0	Platelets	Cpe
Slc1a2	0	2.703604	0.335	0.11	0	Platelets	Slc1a2
Lars21	0	1.40424	0.889	0.749	0	Platelets	Lars2
mt-Atp61	0	1.152173	0.954	0.912	0	Platelets	mt-Atp6
mt-Cytb1	0	1.132472	0.98	0.949	0	Platelets	mt-Cytb
mt-Co11	0	0.97225	0.986	0.962	0	Platelets	mt-Co1
Gm424181	0	1.722316	0.997	0.981	0	Platelets	Gm42418
mt-Co31	1.27E-299	0.992046	0.958	0.94	3.12E-295	Platelets	mt-Co3
AY0361181	8.15E-288	1.511184	0.885	0.803	2.00E-283	Platelets	AY036118
Cmss11	1.28E-278	0.898424	0.959	0.922	3.13E-274	Platelets	Cmss1
Clu	8.74E-275	2.459491	0.332	0.117	2.14E-270	Platelets	Clu
mt-Co21	1.66E-272	0.885394	0.962	0.945	4.08E-268	Platelets	mt-Co2
Mbp2	2.48E-272	2.100857	0.542	0.307	6.08E-268	Platelets	Mbp
Camk1d1	1.42E-269	1.297491	0.862	0.806	3.47E-265	Platelets	Camk1d
Sparcl1	9.41E-260	2.488492	0.322	0.115	2.30E-255	Platelets	Sparcl1
Pcsk1n	1.03E-248	2.548144	0.29	0.098	2.51E-244	Platelets	Pcsk1n
mt-Nd41	1.99E-244	1.19643	0.809	0.739	4.88E-240	Platelets	mt-Nd4
Aldoc	8.48E-243	2.600916	0.298	0.105	2.08E-238	Platelets	Aldoc
Ptgds1	4.14E-242	2.385116	0.481	0.243	1.01E-237	Platelets	Ptgds
Il31ra1	1.70E-239	1.522116	0.738	0.61	4.16E-235	Platelets	Il31ra
mt-Nd21	2.98E-228	1.053884	0.844	0.801	7.30E-224	Platelets	mt-Nd2
Ndr2	8.95E-215	2.618287	0.276	0.099	2.19E-210	Platelets	Ndr2
Mgp	5.35E-179	2.816725	0.259	0.099	1.31E-174	Platelets	Mgp
Gphn1	1.27E-141	1.17528	0.706	0.639	3.11E-137	Platelets	Gphn
mt-Nd1	5.36E-132	0.86866	0.79	0.795	1.31E-127	Platelets	mt-Nd1
Dbi2	5.36E-130	1.61153	0.544	0.432	1.31E-125	Platelets	Dbi
mt-Nd4l1	3.64E-129	0.84307	0.816	0.825	8.91E-125	Platelets	mt-Nd4l
Cdk82	2.63E-118	0.529681	0.931	0.901	6.44E-114	Platelets	Cdk8
mt-Nd5	7.52E-115	1.19675	0.651	0.608	1.84E-110	Platelets	mt-Nd5
Camk2n1	4.68E-97	1.875136	0.361	0.231	1.15E-92	Platelets	Camk2n1
Chchd10	5.20E-95	2.130074	0.253	0.132	1.27E-90	Platelets	Chchd10
Mt12	3.73E-84	1.092497	0.571	0.505	9.13E-80	Platelets	Mt1
Gm199511	8.61E-71	1.533691	0.444	0.363	2.11E-66	Platelets	Gm19951
Ckb3	3.86E-54	0.728317	0.652	0.67	9.44E-50	Platelets	Ckb
Cox8a3	7.03E-53	0.629727	0.764	0.787	1.72E-48	Platelets	Cox8a

Selenow3	1.37E-51	1.133693	0.505	0.462	3.34E-47	Platelets	Selenow
Snrpd23	1.73E-31	0.295124	0.149	0.274	4.23E-27	Platelets	Snrpd2
Oaz12	2.35E-31	0.61413	0.66	0.727	5.77E-27	Platelets	Oaz1
Ndufb32	6.40E-31	0.256924	0.179	0.315	1.57E-26	Platelets	Ndufb3
Ndufa83	2.38E-30	0.276498	0.192	0.334	5.82E-26	Platelets	Ndufa8
Uqcrfs12	2.59E-30	0.261333	0.19	0.329	6.35E-26	Platelets	Uqcrfs1
Ube2v13	7.69E-30	0.332898	0.166	0.295	1.88E-25	Platelets	Ube2v1
Aurkaip13	8.73E-29	0.327067	0.15	0.271	2.14E-24	Platelets	Aurkaip1
Mrps331	4.35E-28	0.254864	0.202	0.339	1.07E-23	Platelets	Mrps33
Eif5	5.95E-28	0.26818	0.216	0.358	1.46E-23	Platelets	Eif5
Ndufv22	1.70E-27	0.336448	0.176	0.305	4.15E-23	Platelets	Ndufv2
Ndufb42	2.69E-27	0.26407	0.229	0.376	6.59E-23	Platelets	Ndufb4
Gnas2	2.94E-27	0.496101	0.674	0.733	7.21E-23	Platelets	Gnas
Rnf73	5.05E-25	0.268441	0.238	0.385	1.24E-20	Platelets	Rnf7
Mbd31	1.23E-23	0.28582	0.151	0.259	3.00E-19	Platelets	Mbd3
Cox4i14	1.42E-23	0.396453	0.751	0.808	3.48E-19	Platelets	Cox4i1
Prkar1a	1.45E-23	0.267331	0.242	0.386	3.54E-19	Platelets	Prkar1a
Nme13	1.67E-23	0.360997	0.16	0.271	4.09E-19	Platelets	Nme1
Mdh22	1.69E-23	0.29943	0.228	0.366	4.13E-19	Platelets	Mdh2
Cyc1	4.16E-23	0.269533	0.191	0.311	1.02E-18	Platelets	Cyc1
Dnaja12	4.32E-23	0.287429	0.184	0.302	1.06E-18	Platelets	Dnaja1
Dynlrb12	5.93E-23	0.351556	0.204	0.332	1.45E-18	Platelets	Dynlrb1
Bag12	8.38E-23	0.316341	0.195	0.318	2.05E-18	Platelets	Bag1
Smim142	8.57E-23	0.284946	0.195	0.315	2.10E-18	Platelets	Smim14
Ube2s2	1.53E-22	0.251751	0.157	0.263	3.75E-18	Platelets	Ube2s
Hcfc1r13	2.51E-22	0.372188	0.164	0.274	6.14E-18	Platelets	Hcfc1r1
Scp22	5.01E-22	0.363826	0.219	0.349	1.23E-17	Platelets	Scp2
Swi52	6.36E-22	0.328907	0.25	0.39	1.56E-17	Platelets	Swi5
Mpc2	9.84E-22	0.304496	0.22	0.348	2.41E-17	Platelets	Mpc2
Ndufab12	1.40E-21	0.354918	0.215	0.344	3.43E-17	Platelets	Ndufab1
Csde11	1.40E-21	0.276422	0.172	0.28	3.43E-17	Platelets	Csde1
Uqcrb3	1.76E-21	0.29526	0.283	0.435	4.31E-17	Platelets	Uqcrb
Micos102	7.66E-21	0.374296	0.217	0.345	1.87E-16	Platelets	Micos10
Ndufb83	1.57E-20	0.348149	0.26	0.405	3.83E-16	Platelets	Ndufb8
Nfic	3.46E-20	0.250726	0.164	0.265	8.47E-16	Platelets	Nfic
Paip2	3.87E-20	0.290894	0.192	0.304	9.47E-16	Platelets	Paip2
Drap12	4.75E-20	0.335622	0.229	0.359	1.16E-15	Platelets	Drap1
7-Sep	3.57E-19	0.341734	0.211	0.328	8.73E-15	Platelets	7-Sep
Rnf1872	8.81E-19	0.367126	0.184	0.291	2.16E-14	Platelets	Rnf187
Nenf1	1.24E-18	0.423136	0.193	0.304	3.04E-14	Platelets	Nenf
Gm480992	1.37E-18	1.403149	0.305	0.275	3.35E-14	Platelets	Gm48099
Ndufb23	3.89E-18	0.551041	0.156	0.254	9.53E-14	Platelets	Ndufb2
Ndufb111	5.25E-18	0.302409	0.294	0.442	1.29E-13	Platelets	Ndufb11
Fkbp1a2	7.52E-18	0.335183	0.225	0.345	1.84E-13	Platelets	Fkbp1a

Nudc2	1.08E-17	0.414462	0.184	0.288	2.65E-13	Platelets	Nudc
Uqcc23	1.85E-17	0.485662	0.188	0.294	4.54E-13	Platelets	Uqcc2
181003711	3.58E-17	0.443092	0.229	0.352	8.76E-13	Platelets	1810037117Rik
Cox7b3	8.38E-17	0.407365	0.25	0.377	2.05E-12	Platelets	Cox7b
Ube2m2	1.21E-16	0.350763	0.21	0.321	2.97E-12	Platelets	Ube2m
Mlf21	1.35E-16	0.338428	0.264	0.396	3.30E-12	Platelets	Mlf2
Mrfap12	1.60E-16	0.326234	0.289	0.434	3.93E-12	Platelets	Mrfap1
Etfb1	2.36E-16	0.566864	0.183	0.286	5.78E-12	Platelets	Etfb
Hmgn13	3.26E-16	0.40823	0.222	0.336	7.98E-12	Platelets	Hmgn1
Ndufa73	1.37E-15	0.301876	0.348	0.507	3.36E-11	Platelets	Ndufa7
Ndufa123	4.52E-15	0.567207	0.174	0.269	1.11E-10	Platelets	Ndufa12
Mtch11	4.79E-15	0.401085	0.235	0.352	1.17E-10	Platelets	Mtch1
Ndufb63	9.41E-15	0.584525	0.175	0.27	2.31E-10	Platelets	Ndufb6
Zc3h7a1	2.16E-14	0.984997	0.463	0.495	5.30E-10	Platelets	Zc3h7a
Pgk12	2.89E-14	0.548194	0.174	0.266	7.07E-10	Platelets	Pgk1
Atp5a13	3.19E-14	0.319017	0.332	0.482	7.81E-10	Platelets	Atp5a1
Ubb3	4.19E-14	0.286652	0.83	0.869	1.03E-09	Platelets	Ubb
Gm155642	5.42E-14	1.305368	0.26	0.232	1.33E-09	Platelets	Gm15564
Vdac11	1.12E-13	0.51267	0.174	0.265	2.75E-09	Platelets	Vdac1
Pgam12	1.20E-13	0.366616	0.246	0.358	2.93E-09	Platelets	Pgam1
Prrc2a	1.56E-13	0.464771	0.212	0.315	3.82E-09	Platelets	Prrc2a
Cox6c3	4.61E-13	0.782468	0.518	0.585	1.13E-08	Platelets	Cox6c
Ndufb102	4.62E-13	0.519411	0.28	0.411	1.13E-08	Platelets	Ndufb10
Gstp1	5.15E-13	0.549921	0.2	0.297	1.26E-08	Platelets	Gstp1
Eno12	7.77E-13	0.448356	0.211	0.307	1.90E-08	Platelets	Eno1
Ndufa112	8.82E-13	0.493962	0.245	0.361	2.16E-08	Platelets	Ndufa11
Dstn1	1.01E-12	0.480348	0.192	0.283	2.47E-08	Platelets	Dstn
Cox7a23	2.26E-12	0.402873	0.33	0.472	5.52E-08	Platelets	Cox7a2
Fis12	4.11E-12	0.338266	0.336	0.479	1.01E-07	Platelets	Fis1
Tax1bp1	5.15E-12	0.46588	0.249	0.361	1.26E-07	Platelets	Tax1bp1
Gm269171	4.34E-11	0.498305	0.428	0.426	1.06E-06	Platelets	Gm26917
Aplp22	8.31E-11	0.5138	0.197	0.284	2.04E-06	Platelets	Aplp2
Pea15a2	1.03E-10	0.448967	0.236	0.336	2.52E-06	Platelets	Pea15a
Mpc11	1.31E-10	0.300564	0.351	0.492	3.20E-06	Platelets	Mpc1
Uqcr103	1.81E-10	0.547759	0.276	0.393	4.43E-06	Platelets	Uqcr10
Pfdn22	2.74E-10	0.604154	0.196	0.284	6.70E-06	Platelets	Pfdn2
Mkrn11	3.27E-10	1.986169	0.298	0.303	8.00E-06	Platelets	Mkrn1
Kif5b1	4.46E-10	0.479321	0.235	0.333	1.09E-05	Platelets	Kif5b
Dynll11	5.41E-10	0.398288	0.309	0.429	1.33E-05	Platelets	Dynll1
181005812	7.60E-10	0.609859	0.188	0.27	1.86E-05	Platelets	1810058124Rik
Calm12	1.19E-09	0.465356	0.548	0.598	2.92E-05	Platelets	Calm1
Ndufc13	1.64E-09	0.625989	0.204	0.291	4.02E-05	Platelets	Ndufc1
Atp5d3	1.83E-09	0.339258	0.388	0.54	4.48E-05	Platelets	Atp5d
Purb	3.79E-09	0.470402	0.227	0.315	9.27E-05	Platelets	Purb

Uqcrq2	4.94E-09	0.418066	0.322	0.448	0.000121	Platelets	Uqcrq
Smdt12	6.20E-09	0.429404	0.307	0.427	0.000152	Platelets	Smdt1
Ywhae	9.81E-09	0.321442	0.397	0.555	0.00024	Platelets	Ywhae
Eif4g2	1.17E-08	0.422988	0.328	0.457	0.000286	Platelets	Eif4g2
Ptms2	1.89E-08	0.328306	0.388	0.533	0.000462	Platelets	Ptms
Slc25a392	1.93E-08	1.400401	0.296	0.303	0.000473	Platelets	Slc25a39
Ube2h1	3.05E-08	0.302201	0.235	0.315	0.000747	Platelets	Ube2h
Tspan131	6.15E-08	0.356938	0.278	0.373	0.001507	Platelets	Tspan13
Bsg3	7.03E-08	0.53856	0.586	0.686	0.001722	Platelets	Bsg
Hist1h1e2	8.66E-08	0.291579	0.215	0.289	0.002121	Platelets	Hist1h1e
Filip1l2	1.13E-07	0.871351	0.441	0.484	0.00276	Platelets	Filip1l
Cox6b13	1.44E-07	0.271817	0.42	0.568	0.003526	Platelets	Cox6b1
Ctnnb11	2.28E-07	0.543598	0.262	0.359	0.005595	Platelets	Ctnnb1
Atp5md2	5.77E-07	0.563263	0.301	0.413	0.014121	Platelets	Atp5md
Slc38a21	8.59E-07	0.587843	0.2	0.27	0.021038	Platelets	Slc38a2
Hsp90aa1	2.19E-06	0.605131	0.248	0.336	0.053595	Platelets	Hsp90aa1
Ndufs52	3.19E-06	0.644013	0.25	0.341	0.078233	Platelets	Ndufs5
Atp5o3	3.32E-06	0.613635	0.284	0.388	0.081337	Platelets	Atp5o
Ifi272	1.24E-05	0.491809	0.261	0.343	0.304592	Platelets	Ifi27
Tjp12	1.43E-05	0.276349	0.215	0.274	0.350238	Platelets	Tjp1
Gpx42	1.73E-05	0.585524	0.519	0.604	0.423444	Platelets	Gpx4
Ghitm	2.02E-05	0.657902	0.24	0.322	0.494287	Platelets	Ghitm
Elob3	0.000134	0.428063	0.403	0.534	1	Platelets	Elob
Jarid21	0.000432	1.10675	0.314	0.338	1	Platelets	Jarid2
Uqcrh3	0.001006	0.265344	0.475	0.609	1	Platelets	Uqcrh
Map1lc3b2	0.001304	0.661075	0.273	0.353	1	Platelets	Map1lc3b
Skp1a1	0.003065	0.700221	0.269	0.348	1	Platelets	Skp1a
Prdx22	0.00402	1.179732	0.318	0.356	1	Platelets	Prdx2
Atp5g33	0.004761	0.604341	0.503	0.601	1	Platelets	Atp5g3
Bnip3l	0.005836	1.048003	0.321	0.362	1	Platelets	Bnip3l
lsg151	0	2.994082	0.789	0.186	0	TAM-Inflam	lsg15
ligp12	0	3.408628	0.697	0.13	0	TAM-Inflam	ligp1
Oasl22	0	2.72154	0.736	0.175	0	TAM-Inflam	Oasl2
Ifit31	0	3.944311	0.657	0.105	0	TAM-Inflam	Ifit3
Rtp42	0	2.272897	0.771	0.232	0	TAM-Inflam	Rtp4
Ccl123	0	2.934285	0.924	0.408	0	TAM-Inflam	Ccl12
Irf72	0	2.344501	0.686	0.176	0	TAM-Inflam	Irf7
Gm49512	0	2.161437	0.737	0.236	0	TAM-Inflam	Gm4951
Rnf2131	0	2.153879	0.828	0.329	0	TAM-Inflam	Rnf213
Gbp23	0	2.71215	0.682	0.188	0	TAM-Inflam	Gbp2
Parp141	0	2.274459	0.751	0.257	0	TAM-Inflam	Parp14
Ifit21	0	4.064802	0.561	0.073	0	TAM-Inflam	Ifit2
Ly6a3	0	1.9344	0.728	0.246	0	TAM-Inflam	Ly6a
Irgm12	0	2.15319	0.709	0.233	0	TAM-Inflam	Irgm1

Ifi2042	0	2.455964	0.635	0.162	0	TAM-Inflam Ifi204
Usp181	0	3.359244	0.555	0.093	0	TAM-Inflam Usp18
Ifitm32	0	1.153151	0.875	0.418	0	TAM-Inflam Ifitm3
Stat21	0	2.207602	0.635	0.178	0	TAM-Inflam Stat2
Fgl22	0	1.910941	0.716	0.26	0	TAM-Inflam Fgl2
Zbp13	0	2.169814	0.619	0.167	0	TAM-Inflam Zbp1
Tor3a2	0	2.133436	0.728	0.278	0	TAM-Inflam Tor3a
Stat13	0	1.736069	0.932	0.484	0	TAM-Inflam Stat1
Igtp2	0	2.214388	0.648	0.207	0	TAM-Inflam Igtp
Trim30a2	0	1.774808	0.751	0.312	0	TAM-Inflam Trim30a
Herc61	0	2.438425	0.586	0.152	0	TAM-Inflam Herc6
Ccl23	0	2.374789	0.551	0.139	0	TAM-Inflam Ccl2
Xaf11	0	2.083236	0.596	0.184	0	TAM-Inflam Xaf1
Cxcl10	0	4.584197	0.454	0.049	0	TAM-Inflam Cxcl10
Tap11	0	1.505214	0.772	0.379	0	TAM-Inflam Tap1
Eif2ak21	0	1.793418	0.6	0.212	0	TAM-Inflam Eif2ak2
Fcgr44	0	1.871818	0.616	0.232	0	TAM-Inflam Fcgr4
Ifi2131	0	2.74942	0.465	0.087	0	TAM-Inflam Ifi213
Oasl1	0	3.868355	0.422	0.049	0	TAM-Inflam Oasl1
Lgals3bp2	0	1.429143	0.898	0.525	0	TAM-Inflam Lgals3bp
Gbp51	0	2.824742	0.485	0.117	0	TAM-Inflam Gbp5
Slfn52	0	2.213797	0.49	0.123	0	TAM-Inflam Slfn5
Bst23	0	1.435396	0.944	0.582	0	TAM-Inflam Bst2
Phf11b1	0	2.231452	0.512	0.15	0	TAM-Inflam Phf11b
Gbp61	0	2.980627	0.44	0.079	0	TAM-Inflam Gbp6
Phf11d1	0	2.716482	0.463	0.104	0	TAM-Inflam Phf11d
Oas1a2	0	2.052522	0.499	0.148	0	TAM-Inflam Oas1a
Tgtp22	0	2.371091	0.43	0.099	0	TAM-Inflam Tgtp2
Ifi2091	0	2.176795	0.428	0.104	0	TAM-Inflam Ifi209
Ifit1	0	3.815339	0.342	0.037	0	TAM-Inflam Ifit1
Ifi2111	0	2.591828	0.38	0.079	0	TAM-Inflam Ifi211
Socs11	0	2.581444	0.383	0.082	0	TAM-Inflam Socs1
Hcar21	0	2.54649	0.386	0.093	0	TAM-Inflam Hcar2
Gbp4	0	2.728433	0.359	0.069	0	TAM-Inflam Gbp4
Cxcl91	0	3.251417	0.358	0.08	0	TAM-Inflam Cxcl9
Ifi2061	0	3.061362	0.318	0.046	0	TAM-Inflam Ifi206
Rsad2	0	3.443962	0.309	0.041	0	TAM-Inflam Rsad2
A330040F1	0	3.002198	0.313	0.048	0	TAM-Inflam A330040F15Rik
Ifit3b	0	4.045764	0.291	0.028	0	TAM-Inflam Ifit3b
H2-T234	0	1.130832	0.958	0.708	0	TAM-Inflam H2-T23
Serpina3f	0	3.22806	0.292	0.044	0	TAM-Inflam Serpina3f
Pml1	5.79E-304	2.237887	0.402	0.108	1.42E-299	TAM-Inflam Pml
Nlrc51	3.16E-303	1.69028	0.614	0.23	7.75E-299	TAM-Inflam Nlrc5
H2-K12	3.40E-303	0.888687	0.987	0.877	8.33E-299	TAM-Inflam H2-K1

Parp91	3.09E-299	1.723208	0.584	0.215	7.57E-295	TAM-Inflam Parp9
Fcgr13	1.26E-295	1.32527	0.888	0.575	3.09E-291	TAM-Inflam Fcgr1
Ifih11	1.42E-291	2.240315	0.467	0.148	3.48E-287	TAM-Inflam Ifih1
Ifi472	5.08E-291	1.819004	0.386	0.101	1.24E-286	TAM-Inflam Ifi47
Clec2d2	2.82E-286	1.664957	0.632	0.255	6.91E-282	TAM-Inflam Clec2d
H2-Q73	3.09E-274	1.27202	0.838	0.474	7.57E-270	TAM-Inflam H2-Q7
Cd2742	8.72E-263	2.402106	0.414	0.128	2.13E-258	TAM-Inflam Cd274
Sp1001	1.11E-260	1.491719	0.635	0.267	2.72E-256	TAM-Inflam Sp100
Parp121	5.22E-259	1.747818	0.475	0.16	1.28E-254	TAM-Inflam Parp12
C4b3	1.75E-258	1.531782	0.574	0.222	4.29E-254	TAM-Inflam C4b
Ifi2072	2.66E-252	1.650824	0.487	0.169	6.52E-248	TAM-Inflam Ifi207
H2-Oa3	7.26E-252	1.43355	0.685	0.318	1.78E-247	TAM-Inflam H2-Oa
Ifi27l2a3	2.17E-251	1.119028	0.758	0.375	5.32E-247	TAM-Inflam Ifi27l2a
Slfn81	2.34E-251	1.568503	0.527	0.192	5.72E-247	TAM-Inflam Slfn8
Oas2	6.51E-250	2.234583	0.263	0.057	1.59E-245	TAM-Inflam Oas2
Ly6e3	7.42E-250	0.743869	0.987	0.862	1.82E-245	TAM-Inflam Ly6e
Samhd11	5.32E-245	1.214508	0.748	0.383	1.30E-240	TAM-Inflam Samhd1
Cd744	1.62E-242	1.14172	0.954	0.769	3.96E-238	TAM-Inflam Cd74
Ifi351	5.32E-241	1.571696	0.569	0.232	1.30E-236	TAM-Inflam Ifi35
Cd401	2.22E-239	2.403246	0.26	0.059	5.44E-235	TAM-Inflam Cd40
Il18bp3	5.87E-239	1.800889	0.429	0.142	1.44E-234	TAM-Inflam Il18bp
Ddx581	3.78E-236	1.818719	0.403	0.126	9.27E-232	TAM-Inflam Ddx58
Dhx581	1.85E-235	2.059496	0.332	0.091	4.53E-231	TAM-Inflam Dhx58
Mar-51	2.31E-235	1.626598	0.557	0.233	5.66E-231	TAM-Inflam 5-Mar
B2m2	1.88E-232	0.65885	0.99	0.907	4.62E-228	TAM-Inflam B2m
Znfx11	9.59E-231	1.552448	0.597	0.265	2.35E-226	TAM-Inflam Znfx1
H2-D12	1.20E-229	0.693638	0.987	0.901	2.94E-225	TAM-Inflam H2-D1
Ctss4	1.21E-227	0.67483	0.999	0.931	2.97E-223	TAM-Inflam Ctss
Slfn22	1.65E-224	1.225029	0.642	0.286	4.05E-220	TAM-Inflam Slfn2
H2-Eb14	7.30E-223	1.052911	0.887	0.586	1.79E-218	TAM-Inflam H2-Eb1
Carmil1	8.61E-222	1.990399	0.316	0.085	2.11E-217	TAM-Inflam Carmil1
Trim30d1	4.33E-221	1.566621	0.478	0.173	1.06E-216	TAM-Inflam Trim30d
H2-Ab14	1.31E-219	1.039802	0.912	0.639	3.21E-215	TAM-Inflam H2-Ab1
Gbp72	8.78E-219	1.587625	0.487	0.184	2.15E-214	TAM-Inflam Gbp7
H2-Aa4	7.51E-215	1.044435	0.888	0.608	1.84E-210	TAM-Inflam H2-Aa
Trafd12	5.60E-212	1.286887	0.704	0.359	1.37E-207	TAM-Inflam Trafd1
H2-Q43	8.99E-211	1.190082	0.767	0.432	2.20E-206	TAM-Inflam H2-Q4
Ccl52	1.60E-210	1.593283	0.426	0.152	3.91E-206	TAM-Inflam Ccl5
Slamf82	6.56E-205	1.59325	0.481	0.188	1.61E-200	TAM-Inflam Slamf8
C1qa4	1.09E-204	0.611477	0.994	0.871	2.67E-200	TAM-Inflam C1qa
Cfb2	3.08E-204	1.540779	0.332	0.099	7.54E-200	TAM-Inflam Cfb
Cst72	6.30E-197	1.590943	0.473	0.184	1.54E-192	TAM-Inflam Cst7
Irf12	3.81E-196	1.438125	0.648	0.32	9.34E-192	TAM-Inflam Irf1
Lap32	6.58E-195	1.255354	0.672	0.353	1.61E-190	TAM-Inflam Lap3

Ube2l6l	3.61E-194	1.274947	0.43	0.158	8.83E-190	TAM-Inflam Ube2l6
Parp111	3.16E-192	1.849558	0.327	0.101	7.73E-188	TAM-Inflam Parp11
Trim34a	1.48E-191	1.753615	0.302	0.087	3.62E-187	TAM-Inflam Trim34a
H2-Q62	2.75E-191	1.21162	0.707	0.375	6.74E-187	TAM-Inflam H2-Q6
Gbp31	2.25E-188	1.598652	0.372	0.126	5.52E-184	TAM-Inflam Gbp3
Il2rg3	6.99E-184	1.678293	0.491	0.214	1.71E-179	TAM-Inflam Il2rg
Ly864	3.06E-182	0.633035	0.998	0.911	7.49E-178	TAM-Inflam Ly86
Nampt2	2.13E-181	1.423973	0.471	0.19	5.21E-177	TAM-Inflam Nampt
H2-T223	2.89E-180	1.206972	0.645	0.338	7.07E-176	TAM-Inflam H2-T22
Cd522	3.83E-175	0.837017	0.905	0.668	9.38E-171	TAM-Inflam Cd52
Fam241a1	1.03E-174	1.821568	0.291	0.087	2.53E-170	TAM-Inflam Fam241a
Gpr843	2.60E-172	1.683547	0.492	0.214	6.37E-168	TAM-Inflam Gpr84
Sp1101	7.44E-172	1.336859	0.526	0.238	1.82E-167	TAM-Inflam Sp110
Tspo3	7.52E-172	1.02686	0.748	0.442	1.84E-167	TAM-Inflam Tspo
Gbp82	2.14E-165	1.693007	0.32	0.106	5.25E-161	TAM-Inflam Gbp8
Ctsc3	3.48E-165	0.898547	0.916	0.701	8.53E-161	TAM-Inflam Ctsc
C1qb4	2.14E-164	0.528783	0.996	0.887	5.24E-160	TAM-Inflam C1qb
Zup11	1.99E-161	1.255689	0.575	0.275	4.87E-157	TAM-Inflam Zup1
Lgals92	3.46E-161	0.915485	0.818	0.538	8.48E-157	TAM-Inflam Lgals9
Grn4	1.36E-160	0.599292	0.981	0.851	3.33E-156	TAM-Inflam Grn
Irgm2	1.14E-156	1.398191	0.436	0.178	2.80E-152	TAM-Inflam Irgm2
Psme13	3.31E-156	0.807139	0.859	0.599	8.12E-152	TAM-Inflam Psme1
Dtx3l1	8.07E-154	1.471285	0.395	0.154	1.98E-149	TAM-Inflam Dtx3l
Gbp91	8.71E-153	1.533603	0.334	0.117	2.13E-148	TAM-Inflam Gbp9
Cd300lf2	1.17E-149	1.51099	0.366	0.139	2.86E-145	TAM-Inflam Cd300lf
Pik3ap11	2.71E-147	0.920861	0.797	0.517	6.63E-143	TAM-Inflam Pik3ap1
Daxx1	4.84E-147	1.645457	0.313	0.109	1.18E-142	TAM-Inflam Daxx
C32	7.31E-145	1.692947	0.361	0.141	1.79E-140	TAM-Inflam C3
Psme22	6.77E-144	0.850073	0.779	0.514	1.66E-139	TAM-Inflam Psme2
Vcam12	1.88E-142	1.347117	0.359	0.137	4.60E-138	TAM-Inflam Vcam1
Icam12	8.15E-142	1.388781	0.615	0.336	1.99E-137	TAM-Inflam Icam1
Sdc33	2.84E-141	1.179001	0.522	0.251	6.96E-137	TAM-Inflam Sdc3
Ddx601	3.31E-137	1.636678	0.301	0.105	8.09E-133	TAM-Inflam Ddx60
Epsti11	2.08E-134	0.876252	0.701	0.405	5.09E-130	TAM-Inflam Epsti1
Casp4	9.84E-132	1.346749	0.326	0.121	2.41E-127	TAM-Inflam Casp4
Trim14	3.76E-131	1.200012	0.473	0.221	9.22E-127	TAM-Inflam Trim14
Axl3	1.77E-130	1.07187	0.526	0.26	4.33E-126	TAM-Inflam Axl
Zc3hav12	9.41E-130	1.11897	0.49	0.233	2.30E-125	TAM-Inflam Zc3hav1
Psmb92	3.63E-129	0.779187	0.762	0.476	8.89E-125	TAM-Inflam Psmb9
Ctsz2	3.79E-128	0.537867	0.973	0.853	9.27E-124	TAM-Inflam Ctsz
Il15ra	1.48E-126	1.373353	0.293	0.104	3.62E-122	TAM-Inflam Il15ra
C1qc4	3.24E-126	0.477401	0.993	0.872	7.93E-122	TAM-Inflam C1qc
H2-T24	1.45E-125	1.421129	0.322	0.122	3.56E-121	TAM-Inflam H2-T24
Apobec31	3.41E-125	0.925406	0.695	0.422	8.34E-121	TAM-Inflam Apobec3

Psmb103	1.75E-124	0.92184	0.643	0.376	4.28E-120	TAM-Inflam Psmb10
Cxcl162	3.63E-124	1.234644	0.546	0.296	8.88E-120	TAM-Inflam Cxcl16
Psap3	1.03E-123	0.489605	0.996	0.944	2.51E-119	TAM-Inflam Psap
H2-DMa2	1.43E-122	0.706055	0.879	0.662	3.51E-118	TAM-Inflam H2-DMa
Il10ra3	3.24E-122	0.717558	0.902	0.669	7.93E-118	TAM-Inflam Il10ra
1600014C1	1.28E-118	1.116622	0.403	0.177	3.13E-114	TAM-Inflam 1600014C10Rik
Adar1	2.77E-118	1.158433	0.375	0.16	6.78E-114	TAM-Inflam Adar
Tor1aip11	4.89E-118	0.951022	0.684	0.42	1.20E-113	TAM-Inflam Tor1aip1
Ms4a4c1	6.81E-116	0.863686	0.295	0.107	1.67E-111	TAM-Inflam Ms4a4c
Cd362	2.14E-115	1.078196	0.302	0.114	5.23E-111	TAM-Inflam Cd36
Ccdc862	3.52E-115	1.246815	0.374	0.163	8.62E-111	TAM-Inflam Ccdc86
H2-DMb2	7.26E-115	1.533181	0.26	0.092	1.78E-110	TAM-Inflam H2-DMb2
Gm12185	9.80E-114	1.101351	0.383	0.165	2.40E-109	TAM-Inflam Gm12185
H2-DMb13	9.90E-113	0.674189	0.799	0.528	2.43E-108	TAM-Inflam H2-DMb1
Arid5a	3.92E-112	1.447996	0.252	0.088	9.61E-108	TAM-Inflam Arid5a
4930599Nz	6.91E-109	1.357021	0.27	0.099	1.69E-104	TAM-Inflam 4930599N23Rik
Ifi302	4.81E-108	0.61517	0.823	0.591	1.18E-103	TAM-Inflam Ifi30
Rps203	1.06E-107	0.532348	0.969	0.879	2.61E-103	TAM-Inflam Rps20
Ppfia44	1.22E-106	0.74275	0.754	0.489	2.98E-102	TAM-Inflam Ppfia4
Trim252	9.63E-106	1.18571	0.369	0.165	2.36E-101	TAM-Inflam Trim25
Etnk1	4.62E-103	0.917967	0.495	0.254	1.13E-98	TAM-Inflam Etnk1
Tapbp2	2.22E-99	0.722004	0.739	0.497	5.44E-95	TAM-Inflam Tapbp
Sppl2a1	4.58E-99	0.850011	0.639	0.381	1.12E-94	TAM-Inflam Sppl2a
Aif14	1.44E-97	0.562358	0.899	0.699	3.54E-93	TAM-Inflam Aif1
Spint14	2.31E-95	0.820548	0.57	0.321	5.66E-91	TAM-Inflam Spint1
Lpcat24	6.24E-95	0.489492	0.966	0.795	1.53E-90	TAM-Inflam Lpcat2
Plaat33	4.73E-93	0.929357	0.413	0.204	1.16E-88	TAM-Inflam Plaat3
Trim12a	1.72E-92	0.899371	0.424	0.208	4.22E-88	TAM-Inflam Trim12a
Slc31a22	1.86E-92	1.061623	0.431	0.222	4.56E-88	TAM-Inflam Slc31a2
Tor1aip2	4.76E-92	0.891976	0.515	0.285	1.17E-87	TAM-Inflam Tor1aip2
Tlr3	1.80E-91	1.203779	0.262	0.102	4.41E-87	TAM-Inflam Tlr3
Tmem184b	5.47E-91	0.939661	0.423	0.21	1.34E-86	TAM-Inflam Tmem184b
Bcl2a1a2	2.15E-90	1.091003	0.307	0.132	5.27E-86	TAM-Inflam Bcl2a1a
Tap21	4.75E-90	0.801386	0.62	0.384	1.16E-85	TAM-Inflam Tap2
Tnf	3.39E-89	1.787086	0.257	0.104	8.30E-85	TAM-Inflam Tnf
Psmb83	2.45E-88	0.577654	0.823	0.596	6.00E-84	TAM-Inflam Psmb8
Csf11	5.91E-88	0.650972	0.322	0.14	1.45E-83	TAM-Inflam Csf1
Fmnl21	3.04E-86	0.97079	0.523	0.296	7.45E-82	TAM-Inflam Fmnl2
Rasa43	1.50E-85	0.766817	0.578	0.341	3.67E-81	TAM-Inflam Rasa4
Dop1b	6.59E-85	0.929614	0.4	0.198	1.61E-80	TAM-Inflam Dop1b
Rpl353	2.25E-84	0.512107	0.926	0.772	5.50E-80	TAM-Inflam Rpl35
Irf81	3.60E-84	0.656983	0.814	0.599	8.82E-80	TAM-Inflam Irf8
Sat11	9.19E-84	0.546247	0.888	0.726	2.25E-79	TAM-Inflam Sat1
Cd472	1.83E-83	0.697461	0.691	0.455	4.48E-79	TAM-Inflam Cd47

Ccr12	4.01E-83	1.437025	0.319	0.149	9.81E-79	TAM-Inflam Ccr12
Atp6v0a21	5.32E-83	0.794722	0.527	0.299	1.30E-78	TAM-Inflam Atp6v0a2
C22	1.03E-82	1.531311	0.257	0.109	2.51E-78	TAM-Inflam C2
Cd814	6.91E-82	0.450428	0.972	0.806	1.69E-77	TAM-Inflam Cd81
Cd1801	1.31E-81	0.664008	0.742	0.511	3.22E-77	TAM-Inflam Cd180
Ogfr2	7.68E-81	0.967303	0.383	0.195	1.88E-76	TAM-Inflam Ogfr
Adora33	1.62E-80	0.758582	0.496	0.27	3.96E-76	TAM-Inflam Adora3
Ccl42	6.91E-80	1.708922	0.361	0.186	1.69E-75	TAM-Inflam Ccl4
Calhm62	6.76E-79	1.113282	0.355	0.175	1.66E-74	TAM-Inflam Calhm6
Slc31a12	1.30E-78	0.89313	0.392	0.202	3.18E-74	TAM-Inflam Slc31a1
Hck2	3.48E-78	0.613567	0.764	0.551	8.52E-74	TAM-Inflam Hck
Gatm3	5.32E-78	0.781522	0.613	0.39	1.30E-73	TAM-Inflam Gatm
Tapbpl1	4.91E-76	0.951914	0.357	0.175	1.20E-71	TAM-Inflam Tapbpl
Itm2b4	2.13E-75	0.355839	0.993	0.955	5.22E-71	TAM-Inflam Itm2b
Rps293	3.40E-75	0.448594	0.958	0.852	8.33E-71	TAM-Inflam Rps29
Slc1a32	7.31E-75	0.607011	0.654	0.405	1.79E-70	TAM-Inflam Slc1a3
Npc24	1.01E-74	0.386319	0.952	0.807	2.46E-70	TAM-Inflam Npc2
Il1a2	1.63E-73	0.920909	0.479	0.27	3.98E-69	TAM-Inflam Il1a
Usp25	2.08E-73	0.806746	0.454	0.252	5.08E-69	TAM-Inflam Usp25
Tmem1401	6.03E-73	0.932789	0.344	0.169	1.48E-68	TAM-Inflam Tmem140
Naaa1	7.99E-73	0.730364	0.38	0.192	1.96E-68	TAM-Inflam Naaa
Nmi1	1.38E-72	0.962138	0.325	0.157	3.38E-68	TAM-Inflam Nmi
AW112010	1.73E-72	0.446108	0.498	0.284	4.25E-68	TAM-Inflam AW112010
Pdia33	2.13E-72	0.506861	0.89	0.714	5.22E-68	TAM-Inflam Pdia3
Il18	4.31E-72	0.878135	0.392	0.204	1.06E-67	TAM-Inflam Il18
Tmem1733	2.60E-71	0.549653	0.716	0.485	6.37E-67	TAM-Inflam Tmem173
Uba7	2.17E-70	0.786099	0.409	0.219	5.31E-66	TAM-Inflam Uba7
Rpl393	2.21E-70	0.434846	0.946	0.819	5.41E-66	TAM-Inflam Rpl39
Pycard3	2.83E-70	0.545683	0.773	0.566	6.94E-66	TAM-Inflam Pycard
Tmbim63	9.64E-70	0.409836	0.919	0.777	2.36E-65	TAM-Inflam Tmbim6
Lag34	1.42E-69	0.481284	0.789	0.535	3.48E-65	TAM-Inflam Lag3
Ctsb3	3.50E-69	0.328189	0.986	0.903	8.58E-65	TAM-Inflam Ctsb
Sp1401	1.38E-66	0.875741	0.348	0.179	3.39E-62	TAM-Inflam Sp140
Zfas12	1.86E-66	0.964173	0.354	0.188	4.55E-62	TAM-Inflam Zfas1
Trim12c	1.92E-66	0.980759	0.291	0.139	4.70E-62	TAM-Inflam Trim12c
Cebpb2	5.44E-66	0.327584	0.764	0.534	1.33E-61	TAM-Inflam Cebpb
Arid5b2	4.80E-65	0.894427	0.523	0.327	1.18E-60	TAM-Inflam Arid5b
Icosl	5.85E-65	0.986753	0.326	0.165	1.43E-60	TAM-Inflam Icosl
Denr1	1.08E-63	0.803604	0.403	0.224	2.65E-59	TAM-Inflam Denr
Slc12a93	1.95E-63	0.632305	0.547	0.334	4.78E-59	TAM-Inflam Slc12a9
Slc15a32	2.18E-63	0.73128	0.419	0.234	5.35E-59	TAM-Inflam Slc15a3
Hspe13	1.66E-62	0.595732	0.629	0.423	4.06E-58	TAM-Inflam Hspe1
Tmem106a	3.16E-62	0.690897	0.409	0.225	7.73E-58	TAM-Inflam Tmem106a
Cd861	3.52E-62	0.516199	0.788	0.583	8.62E-58	TAM-Inflam Cd86

Ccnd12	1.55E-61	0.750911	0.385	0.211	3.80E-57	TAM-Inflam Ccnd1
Gm46224	3.16E-61	0.837972	0.317	0.159	7.74E-57	TAM-Inflam Gm46224
Rpl413	1.31E-60	0.366241	0.967	0.902	3.21E-56	TAM-Inflam Rpl41
Lgmn3	1.81E-60	0.342814	0.992	0.899	4.43E-56	TAM-Inflam Lgmn
Lacc11	2.58E-60	0.634506	0.476	0.281	6.31E-56	TAM-Inflam Lacc1
Minpp1	3.06E-60	0.830371	0.312	0.158	7.48E-56	TAM-Inflam Minpp1
Rpl323	5.23E-60	0.347079	0.964	0.864	1.28E-55	TAM-Inflam Rpl32
Tlr22	5.62E-60	0.856103	0.453	0.272	1.38E-55	TAM-Inflam Tlr2
Rab202	8.37E-60	0.809593	0.349	0.185	2.05E-55	TAM-Inflam Rab20
Lrch31	1.10E-59	0.669837	0.436	0.25	2.69E-55	TAM-Inflam Lrch3
Mpeg12	1.64E-59	0.416237	0.89	0.698	4.01E-55	TAM-Inflam Mpeg1
M6pr3	2.61E-59	0.584792	0.664	0.46	6.38E-55	TAM-Inflam M6pr
Rps113	4.42E-59	0.340336	0.974	0.894	1.08E-54	TAM-Inflam Rps11
Cmtr1	9.41E-59	0.856028	0.294	0.146	2.31E-54	TAM-Inflam Cmtr1
Cryba44	1.20E-58	0.647839	0.457	0.267	2.95E-54	TAM-Inflam Cryba4
Rnf1141	1.45E-58	0.681008	0.408	0.23	3.55E-54	TAM-Inflam Rnf114
Unc93b13	1.63E-58	0.3452	0.973	0.861	4.00E-54	TAM-Inflam Unc93b1
Rnf19b1	2.24E-58	0.56234	0.5	0.31	5.50E-54	TAM-Inflam Rnf19b
Morc3	3.12E-58	0.637607	0.539	0.34	7.63E-54	TAM-Inflam Morc3
Birc31	8.79E-58	0.772222	0.403	0.231	2.15E-53	TAM-Inflam Birc3
Bbx	3.22E-57	0.886519	0.346	0.186	7.88E-53	TAM-Inflam Bbx
Pttg12	3.91E-57	0.876226	0.366	0.205	9.57E-53	TAM-Inflam Pttg1
Tlr121	1.11E-56	0.808478	0.291	0.145	2.71E-52	TAM-Inflam Tlr12
Cyba3	1.88E-56	0.357037	0.958	0.859	4.60E-52	TAM-Inflam Cyba
Sap301	5.80E-56	0.976588	0.258	0.125	1.42E-51	TAM-Inflam Sap30
Hebp12	8.48E-56	0.661804	0.432	0.253	2.08E-51	TAM-Inflam Hebp1
Chmp4b3	2.04E-55	0.504899	0.655	0.461	5.00E-51	TAM-Inflam Chmp4b
Selenow4	2.83E-55	0.534357	0.652	0.457	6.93E-51	TAM-Inflam Selenow
Ranbp2	5.97E-55	0.737365	0.377	0.214	1.46E-50	TAM-Inflam Ranbp2
Keap11	9.16E-55	0.959358	0.295	0.153	2.24E-50	TAM-Inflam Keap1
Tnfsf13b	1.01E-54	0.775483	0.285	0.143	2.46E-50	TAM-Inflam Tnfsf13b
Tiam1	1.13E-54	0.711452	0.29	0.146	2.77E-50	TAM-Inflam Tiam1
Rad51b2	1.21E-54	0.408143	0.666	0.444	2.97E-50	TAM-Inflam Rad51b
Rps263	1.62E-53	0.363337	0.93	0.82	3.97E-49	TAM-Inflam Rps26
P4ha12	3.01E-53	0.603894	0.564	0.369	7.37E-49	TAM-Inflam P4ha1
Bcl2a1b2	4.73E-53	0.515845	0.637	0.436	1.16E-48	TAM-Inflam Bcl2a1b
Mmp142	6.31E-53	0.667602	0.348	0.19	1.55E-48	TAM-Inflam Mmp14
Themis22	9.28E-53	0.778436	0.379	0.218	2.27E-48	TAM-Inflam Themis2
Cd722	1.36E-52	0.889506	0.27	0.135	3.33E-48	TAM-Inflam Cd72
Ssr42	1.43E-52	0.409692	0.83	0.641	3.51E-48	TAM-Inflam Ssr4
Cacnb21	4.07E-52	0.396399	0.546	0.337	9.96E-48	TAM-Inflam Cacnb2
Shisa51	4.33E-52	0.495499	0.658	0.455	1.06E-47	TAM-Inflam Shisa5
Pde4dip	4.70E-52	0.666942	0.366	0.206	1.15E-47	TAM-Inflam Pde4dip
Rpl27a3	5.80E-52	0.319112	0.973	0.888	1.42E-47	TAM-Inflam Rpl27a

Capza21	1.73E-51	0.418039	0.844	0.671	4.23E-47	TAM-Inflam Capza2
Uba523	4.86E-51	0.491027	0.651	0.456	1.19E-46	TAM-Inflam Uba52
Rufy3	6.17E-51	0.665779	0.302	0.158	1.51E-46	TAM-Inflam Rufy3
Cybb2	6.20E-51	0.370595	0.41	0.232	1.52E-46	TAM-Inflam Cybb
Itgax2	1.67E-49	0.848485	0.308	0.168	4.09E-45	TAM-Inflam Itgax
Rplp14	4.86E-49	0.280686	0.979	0.919	1.19E-44	TAM-Inflam Rplp1
Fcgr2b3	4.93E-49	0.386037	0.846	0.649	1.21E-44	TAM-Inflam Fcgr2b
Tgs12	5.93E-49	0.604866	0.451	0.277	1.45E-44	TAM-Inflam Tgs1
Pim12	5.52E-48	0.865825	0.273	0.144	1.35E-43	TAM-Inflam Pim1
Sdf2l13	1.56E-47	0.559075	0.58	0.396	3.81E-43	TAM-Inflam Sdf2l1
Sh3bp2	1.59E-47	0.64605	0.369	0.214	3.90E-43	TAM-Inflam Sh3bp2
Rps243	5.82E-47	0.271831	0.979	0.928	1.43E-42	TAM-Inflam Rps24
Svbp2	5.91E-47	0.561239	0.418	0.255	1.45E-42	TAM-Inflam Svbp
Cited23	5.96E-47	0.794239	0.453	0.291	1.46E-42	TAM-Inflam Cited2
Tmem2431	8.62E-47	0.468046	0.561	0.377	2.11E-42	TAM-Inflam Tmem243
Cd832	8.70E-47	0.538576	0.669	0.477	2.13E-42	TAM-Inflam Cd83
Rpl373	1.08E-46	0.335828	0.943	0.849	2.64E-42	TAM-Inflam Rpl37
Rps283	1.13E-46	0.340686	0.894	0.754	2.77E-42	TAM-Inflam Rps28
Slc11a13	1.30E-46	0.447775	0.695	0.493	3.19E-42	TAM-Inflam Slc11a1
Camk2d1	3.96E-46	0.386671	0.732	0.529	9.70E-42	TAM-Inflam Camk2d
Tmpo1	4.21E-46	0.618092	0.303	0.164	1.03E-41	TAM-Inflam Tmpo
Rps15a3	1.96E-45	0.2939	0.951	0.854	4.80E-41	TAM-Inflam Rps15a
Ankle2	5.01E-45	0.61698	0.352	0.202	1.23E-40	TAM-Inflam Ankle2
Rps83	1.10E-44	0.268222	0.971	0.899	2.68E-40	TAM-Inflam Rps8
Stard32	1.16E-44	0.523271	0.485	0.309	2.85E-40	TAM-Inflam Stard3
Dcp2	1.61E-44	0.683886	0.258	0.133	3.93E-40	TAM-Inflam Dcp2
Tasor2	1.76E-44	0.66237	0.293	0.157	4.30E-40	TAM-Inflam Tasor2
Mgat13	1.78E-44	0.61398	0.437	0.275	4.36E-40	TAM-Inflam Mgat1
Ak22	1.99E-44	0.62406	0.428	0.27	4.86E-40	TAM-Inflam Ak2
Tmem2191	4.59E-44	0.519956	0.502	0.327	1.12E-39	TAM-Inflam Tmem219
Abhd16a1	9.48E-44	0.580482	0.383	0.23	2.32E-39	TAM-Inflam Abhd16a
Clec5a1	1.59E-43	0.68178	0.34	0.196	3.89E-39	TAM-Inflam Clec5a
Batf31	6.28E-43	0.643708	0.337	0.194	1.54E-38	TAM-Inflam Batf3
Rpl35a3	1.14E-42	0.283623	0.96	0.883	2.80E-38	TAM-Inflam Rpl35a
Ly91	2.13E-42	0.6772	0.339	0.198	5.22E-38	TAM-Inflam Ly9
Rps123	4.54E-42	0.281774	0.963	0.866	1.11E-37	TAM-Inflam Rps12
Rps214	7.24E-42	0.303117	0.94	0.831	1.77E-37	TAM-Inflam Rps21
Vps54	1.03E-41	0.507266	0.343	0.198	2.53E-37	TAM-Inflam Vps54
Cnp1	1.55E-41	0.684808	0.302	0.172	3.79E-37	TAM-Inflam Cnp
Il21r3	1.94E-41	0.403355	0.558	0.373	4.75E-37	TAM-Inflam Il21r
Rpl37a3	3.65E-41	0.299487	0.955	0.852	8.94E-37	TAM-Inflam Rpl37a
Larp11	5.81E-41	0.500697	0.477	0.309	1.42E-36	TAM-Inflam Larp1
Laptm4a4	1.30E-40	0.329305	0.889	0.732	3.18E-36	TAM-Inflam Laptm4a
Clic42	1.83E-40	0.638193	0.349	0.21	4.48E-36	TAM-Inflam Clic4

Fcer1g4	1.25E-39	0.265053	0.978	0.903	3.06E-35	TAM-Inflam Fcer1g
Lst12	1.26E-39	0.280741	0.728	0.533	3.09E-35	TAM-Inflam Lst1
Akt3	5.40E-39	0.559174	0.316	0.182	1.32E-34	TAM-Inflam Akt3
Gm433052	7.17E-39	0.578807	0.577	0.413	1.75E-34	TAM-Inflam Gm43305
Tmem1281	8.48E-39	0.528469	0.435	0.281	2.08E-34	TAM-Inflam Tmem128
Arl5c2	1.33E-38	0.740282	0.252	0.137	3.26E-34	TAM-Inflam Arl5c
Gnl21	1.35E-38	0.653656	0.303	0.174	3.30E-34	TAM-Inflam Gnl2
Fam167b	2.16E-38	0.577627	0.251	0.134	5.28E-34	TAM-Inflam Fam167b
Efhd22	2.47E-38	0.377794	0.777	0.615	6.05E-34	TAM-Inflam Efhd2
Cpq2	2.48E-38	0.395894	0.487	0.32	6.08E-34	TAM-Inflam Cpq
Tbc1d1	2.75E-38	0.608077	0.288	0.163	6.74E-34	TAM-Inflam Tbc1d1
Limd22	9.63E-38	0.323939	0.772	0.594	2.36E-33	TAM-Inflam Limd2
Fnbp4	1.00E-37	0.498862	0.303	0.173	2.46E-33	TAM-Inflam Fnbp4
Rpl193	1.17E-37	0.268252	0.964	0.889	2.87E-33	TAM-Inflam Rpl19
Etv3	1.58E-37	0.632491	0.271	0.15	3.87E-33	TAM-Inflam Etv3
Ascc31	1.62E-37	0.541058	0.369	0.224	3.98E-33	TAM-Inflam Ascc3
Psma53	4.02E-37	0.491509	0.457	0.306	9.84E-33	TAM-Inflam Psma5
Rhoh3	5.37E-37	0.301624	0.602	0.411	1.31E-32	TAM-Inflam Rhoh
9930111J2	6.14E-37	0.616543	0.328	0.197	1.50E-32	TAM-Inflam 9930111J21Rik2
Nono1	7.20E-37	0.533426	0.436	0.287	1.76E-32	TAM-Inflam Nono
Relb	8.37E-37	0.525799	0.29	0.166	2.05E-32	TAM-Inflam Relb
Nfe2l21	9.19E-37	0.463466	0.657	0.489	2.25E-32	TAM-Inflam Nfe2l2
Rpl10a3	1.09E-36	0.301079	0.922	0.814	2.66E-32	TAM-Inflam Rpl10a
Pld43	1.42E-36	0.307122	0.912	0.75	3.47E-32	TAM-Inflam Pld4
Atp13a1	2.29E-36	0.539735	0.281	0.159	5.60E-32	TAM-Inflam Atp13a1
Ttc39b	2.34E-36	0.601853	0.348	0.209	5.73E-32	TAM-Inflam Ttc39b
Etv61	2.90E-36	0.31349	0.769	0.581	7.11E-32	TAM-Inflam Etv6
Acer31	3.56E-36	0.350661	0.642	0.463	8.72E-32	TAM-Inflam Acer3
Npnt1	5.02E-36	0.465561	0.274	0.152	1.23E-31	TAM-Inflam Npnt
Rpl273	6.97E-36	0.273716	0.915	0.774	1.71E-31	TAM-Inflam Rpl27
Creb32	8.21E-36	0.529532	0.396	0.25	2.01E-31	TAM-Inflam Creb3
Rer12	9.61E-36	0.420728	0.576	0.411	2.35E-31	TAM-Inflam Rer1
Acsl4	1.43E-35	0.425007	0.34	0.204	3.49E-31	TAM-Inflam Acsl4
Calr2	1.64E-35	0.412698	0.664	0.489	4.02E-31	TAM-Inflam Calr
Sema4d1	1.71E-35	0.384369	0.619	0.437	4.18E-31	TAM-Inflam Sema4d
Tent5a2	1.87E-35	0.524714	0.393	0.251	4.59E-31	TAM-Inflam Tent5a
Nupr11	2.18E-35	0.580327	0.305	0.182	5.34E-31	TAM-Inflam Nupr1
St6galnac4	4.29E-35	0.387374	0.461	0.301	1.05E-30	TAM-Inflam St6galnac4
Akr1b33	4.71E-35	0.472233	0.461	0.314	1.15E-30	TAM-Inflam Akr1b3
Usp212	6.47E-35	0.603415	0.323	0.195	1.59E-30	TAM-Inflam Usp21
Hspa82	1.08E-34	0.302756	0.867	0.739	2.63E-30	TAM-Inflam Hspa8
Slc2a11	1.39E-34	0.543138	0.283	0.164	3.41E-30	TAM-Inflam Slc2a1
Rrbp12	1.69E-34	0.283024	0.896	0.77	4.14E-30	TAM-Inflam Rrbp1
Rgmb3	1.90E-34	0.425532	0.395	0.248	4.66E-30	TAM-Inflam Rgmb

Lamp21	3.07E-34	0.329561	0.82	0.65	7.51E-30	TAM-Inflam Lamp2
Crel21	4.23E-34	0.658293	0.291	0.173	1.04E-29	TAM-Inflam Crel2
Hsp90b12	5.10E-34	0.333355	0.872	0.738	1.25E-29	TAM-Inflam Hsp90b1
Csf2rb21	5.70E-34	0.695249	0.258	0.147	1.40E-29	TAM-Inflam Csf2rb2
Hspa51	7.04E-34	0.442573	0.792	0.644	1.72E-29	TAM-Inflam Hspa5
Hk31	9.16E-34	0.484765	0.404	0.262	2.24E-29	TAM-Inflam Hk3
Nlrp1b1	1.31E-33	0.312377	0.401	0.252	3.21E-29	TAM-Inflam Nlrp1b
Ccln72	1.33E-33	0.526027	0.264	0.15	3.27E-29	TAM-Inflam Ccln7
Gng103	1.96E-33	0.298124	0.808	0.628	4.80E-29	TAM-Inflam Gng10
Rpl363	2.29E-33	0.253832	0.916	0.791	5.60E-29	TAM-Inflam Rpl36
Rpl383	2.94E-33	0.280497	0.838	0.699	7.20E-29	TAM-Inflam Rpl38
Lcp21	3.06E-33	0.337531	0.623	0.45	7.49E-29	TAM-Inflam Lcp2
Grina	3.93E-33	0.276993	0.738	0.563	9.63E-29	TAM-Inflam Grina
Idnk1	4.13E-33	0.504736	0.348	0.218	1.01E-28	TAM-Inflam Idnk
Tmod31	5.90E-33	0.493071	0.388	0.249	1.44E-28	TAM-Inflam Tmod3
Rab43	7.05E-33	0.514989	0.462	0.312	1.73E-28	TAM-Inflam Rab43
Nfkbib2	1.45E-32	0.631637	0.297	0.18	3.55E-28	TAM-Inflam Nfkbib
mt-Atp81	2.49E-32	0.333026	0.69	0.534	6.09E-28	TAM-Inflam mt-Atp8
Mif3	3.18E-32	0.412024	0.585	0.433	7.79E-28	TAM-Inflam Mif
Glr4	4.61E-32	0.537504	0.261	0.151	1.13E-27	TAM-Inflam Glr4
Slc35b1	5.74E-32	0.504083	0.329	0.204	1.41E-27	TAM-Inflam Slc35b1
Rpl36a3	7.28E-32	0.300421	0.804	0.648	1.78E-27	TAM-Inflam Rpl36a
B4galt42	8.29E-32	0.449759	0.326	0.199	2.03E-27	TAM-Inflam B4galt4
Ube2e11	8.60E-32	0.4129	0.393	0.258	2.11E-27	TAM-Inflam Ube2e1
Crybb13	1.15E-31	0.332542	0.682	0.507	2.82E-27	TAM-Inflam Crybb1
Cops92	2.54E-31	0.31065	0.521	0.363	6.23E-27	TAM-Inflam Cops9
Gpr1081	2.93E-31	0.459456	0.352	0.222	7.18E-27	TAM-Inflam Gpr108
Ddx241	3.94E-31	0.400647	0.463	0.319	9.66E-27	TAM-Inflam Ddx24
Rpl123	4.16E-31	0.285033	0.85	0.694	1.02E-26	TAM-Inflam Rpl12
Slirp2	5.25E-31	0.584261	0.272	0.162	1.29E-26	TAM-Inflam Slirp
Smim31	6.24E-31	0.489857	0.254	0.146	1.53E-26	TAM-Inflam Smim3
Rpl223	8.01E-31	0.255894	0.883	0.744	1.96E-26	TAM-Inflam Rpl22
Nme24	1.18E-30	0.27026	0.765	0.598	2.90E-26	TAM-Inflam Nme2
Fbrsl12	1.93E-30	0.266383	0.498	0.338	4.73E-26	TAM-Inflam Fbrsl1
Peli11	2.22E-30	0.284537	0.552	0.39	5.44E-26	TAM-Inflam Peli1
Gsdmd1	2.45E-30	0.405588	0.436	0.295	6.00E-26	TAM-Inflam Gsdmd
2410006H1	2.93E-30	0.294044	0.653	0.485	7.17E-26	TAM-Inflam 2410006H16Rik
Rnaset2a3	3.66E-30	0.31174	0.488	0.335	8.96E-26	TAM-Inflam Rnaset2a
Pnp3	3.85E-30	0.342152	0.638	0.477	9.44E-26	TAM-Inflam Pnp
Pdia62	5.33E-30	0.353559	0.661	0.495	1.30E-25	TAM-Inflam Pdia6
Slc3a24	6.23E-30	0.307489	0.715	0.539	1.53E-25	TAM-Inflam Slc3a2
Ctsh4	6.51E-30	0.266393	0.918	0.785	1.59E-25	TAM-Inflam Ctsh
Gas51	6.75E-30	0.291311	0.724	0.555	1.65E-25	TAM-Inflam Gas5
Gtpbp22	1.38E-29	0.413393	0.405	0.268	3.39E-25	TAM-Inflam Gtpbp2

H2-M33	1.51E-29	0.316033	0.574	0.413	3.69E-25	TAM-Inflam H2-M3
Pomp3	1.51E-29	0.343007	0.698	0.548	3.70E-25	TAM-Inflam Pomp
Gns2	2.55E-29	0.277867	0.861	0.691	6.25E-25	TAM-Inflam Gns
Trpm2	4.04E-29	0.45169	0.3	0.184	9.90E-25	TAM-Inflam Trpm2
Pold44	4.19E-29	0.370527	0.521	0.369	1.03E-24	TAM-Inflam Pold4
Eef1b23	4.88E-29	0.275095	0.82	0.677	1.19E-24	TAM-Inflam Eef1b2
Dbnl1	5.27E-29	0.394399	0.487	0.34	1.29E-24	TAM-Inflam Dbnl
Lair13	7.81E-29	0.257508	0.888	0.733	1.91E-24	TAM-Inflam Lair1
Srsf72	9.58E-29	0.399756	0.587	0.43	2.35E-24	TAM-Inflam Srsf7
Glmf4	1.01E-28	0.31509	0.635	0.465	2.47E-24	TAM-Inflam Glmf
Map113	1.90E-28	0.298854	0.486	0.334	4.65E-24	TAM-Inflam Map11
Gm118083	2.22E-28	0.36374	0.445	0.304	5.43E-24	TAM-Inflam Gm11808
Rpl313	4.77E-28	0.297578	0.684	0.525	1.17E-23	TAM-Inflam Rpl31
Dnajb111	5.31E-28	0.343015	0.422	0.284	1.30E-23	TAM-Inflam Dnajb11
Ssr22	6.98E-28	0.378482	0.473	0.329	1.71E-23	TAM-Inflam Ssr2
Evi2a2	7.68E-28	0.442715	0.426	0.29	1.88E-23	TAM-Inflam Evi2a
Il15	7.87E-28	0.477737	0.3	0.187	1.93E-23	TAM-Inflam Il15
Scpep13	8.44E-28	0.357109	0.521	0.373	2.07E-23	TAM-Inflam Scpep1
Rtraf3	8.83E-28	0.335087	0.565	0.417	2.16E-23	TAM-Inflam Rtraf
Gars1	1.13E-27	0.457615	0.33	0.212	2.77E-23	TAM-Inflam Gars
Gsap1	1.20E-27	0.384741	0.425	0.289	2.93E-23	TAM-Inflam Gsap
Scarb22	1.31E-27	0.28183	0.667	0.497	3.22E-23	TAM-Inflam Scarb2
1110038B1	1.76E-27	0.468287	0.307	0.196	4.32E-23	TAM-Inflam 1110038B12Rik
Nudt92	1.79E-27	0.385351	0.393	0.262	4.38E-23	TAM-Inflam Nudt9
Csf2ra2	2.13E-27	0.324467	0.571	0.416	5.22E-23	TAM-Inflam Csf2ra
Pi4k2a	4.39E-27	0.539203	0.25	0.149	1.08E-22	TAM-Inflam Pi4k2a
Manf1	6.04E-27	0.433276	0.55	0.401	1.48E-22	TAM-Inflam Manf
Ppib2	6.17E-27	0.26721	0.824	0.67	1.51E-22	TAM-Inflam Ppib
B3gnt2	8.68E-27	0.486522	0.333	0.216	2.13E-22	TAM-Inflam B3gnt2
Nsmf	1.17E-26	0.54165	0.259	0.157	2.86E-22	TAM-Inflam Nsmf
Max1	2.61E-26	0.355632	0.386	0.261	6.40E-22	TAM-Inflam Max
Atp6v1d2	4.65E-26	0.351722	0.407	0.28	1.14E-21	TAM-Inflam Atp6v1d
Tox42	5.97E-26	0.388102	0.396	0.269	1.46E-21	TAM-Inflam Tox4
Pgap21	6.27E-26	0.478811	0.264	0.162	1.54E-21	TAM-Inflam Pgap2
Pdia44	6.55E-26	0.315692	0.462	0.32	1.60E-21	TAM-Inflam Pdia4
Cisd2	7.31E-26	0.348007	0.379	0.254	1.79E-21	TAM-Inflam Cisd2
Hvcn14	1.02E-25	0.304591	0.443	0.305	2.49E-21	TAM-Inflam Hvcn1
Tnfrsf1a2	1.03E-25	0.292465	0.604	0.448	2.53E-21	TAM-Inflam Tnfrsf1a
Ddost3	1.72E-25	0.277396	0.651	0.496	4.20E-21	TAM-Inflam Ddost
Cyb561a33	2.29E-25	0.285203	0.435	0.296	5.61E-21	TAM-Inflam Cyb561a3
Ldha2	2.94E-25	0.332113	0.589	0.442	7.19E-21	TAM-Inflam Ldha
Tomm70a1	3.28E-25	0.431145	0.274	0.171	8.04E-21	TAM-Inflam Tomm70a
Arf41	3.31E-25	0.314559	0.597	0.449	8.11E-21	TAM-Inflam Arf4
Tbc1d8	3.43E-25	0.258468	0.365	0.24	8.39E-21	TAM-Inflam Tbc1d8

Plekho22	3.77E-25	0.372861	0.317	0.205	9.23E-21	TAM-Inflam Plekho2
Spcs13	6.38E-25	0.28605	0.654	0.505	1.56E-20	TAM-Inflam Spcs1
Tspan313	8.27E-25	0.347906	0.416	0.289	2.03E-20	TAM-Inflam Tspan31
Lat24	8.94E-25	0.301271	0.447	0.312	2.19E-20	TAM-Inflam Lat2
Ubr4	1.65E-24	0.391168	0.317	0.206	4.04E-20	TAM-Inflam Ubr4
Ripk2	3.47E-24	0.418803	0.282	0.177	8.51E-20	TAM-Inflam Ripk2
Atp5mpl4	3.60E-24	0.264971	0.559	0.417	8.81E-20	TAM-Inflam Atp5mpl
Rpl23a2	6.31E-24	0.254469	0.664	0.503	1.54E-19	TAM-Inflam Rpl23a
Mbd22	7.09E-24	0.324076	0.374	0.253	1.74E-19	TAM-Inflam Mbd2
Rpl22l13	7.34E-24	0.268923	0.639	0.496	1.80E-19	TAM-Inflam Rpl22l1
Mrpl523	1.02E-23	0.263287	0.625	0.47	2.49E-19	TAM-Inflam Mrpl52
Slc29a33	1.10E-23	0.264111	0.617	0.458	2.70E-19	TAM-Inflam Slc29a3
Tmed52	1.31E-23	0.312345	0.514	0.377	3.20E-19	TAM-Inflam Tmed5
Milr13	1.57E-23	0.542625	0.258	0.161	3.84E-19	TAM-Inflam Milr1
Hacd21	2.14E-23	0.346695	0.358	0.243	5.23E-19	TAM-Inflam Hacd2
Ncf11	2.75E-23	0.284534	0.688	0.542	6.74E-19	TAM-Inflam Ncf1
AB1246113	4.79E-23	0.60518	0.258	0.166	1.17E-18	TAM-Inflam AB124611
Cept11	6.33E-23	0.260676	0.403	0.276	1.55E-18	TAM-Inflam Cept1
Rnh12	9.63E-23	0.311918	0.48	0.348	2.36E-18	TAM-Inflam Rnh1
Psma32	1.39E-22	0.260114	0.562	0.419	3.41E-18	TAM-Inflam Psma3
Cyp4v32	1.41E-22	0.297791	0.357	0.241	3.46E-18	TAM-Inflam Cyp4v3
Rab11a1	1.54E-22	0.268659	0.568	0.427	3.77E-18	TAM-Inflam Rab11a
Lrrk11	1.58E-22	0.275163	0.524	0.383	3.86E-18	TAM-Inflam Lrrk1
Trim26	2.15E-22	0.308759	0.328	0.216	5.27E-18	TAM-Inflam Trim26
Hmox22	5.36E-22	0.33472	0.555	0.418	1.31E-17	TAM-Inflam Hmox2
Cldnd12	6.71E-22	0.308892	0.332	0.22	1.64E-17	TAM-Inflam Cldnd1
Tank	8.11E-22	0.407728	0.314	0.208	1.99E-17	TAM-Inflam Tank
Dnaja21	1.12E-21	0.350179	0.421	0.303	2.74E-17	TAM-Inflam Dnaja2
P2rx43	1.45E-21	0.32373	0.441	0.317	3.55E-17	TAM-Inflam P2rx4
Tmem333	1.50E-21	0.283536	0.395	0.275	3.68E-17	TAM-Inflam Tmem33
Ccnl12	1.88E-21	0.310766	0.47	0.344	4.60E-17	TAM-Inflam Ccnl1
Csf2rb1	1.93E-21	0.292749	0.372	0.256	4.72E-17	TAM-Inflam Csf2rb
Tagap2	2.35E-21	0.315695	0.364	0.25	5.76E-17	TAM-Inflam Tagap
Casp12	3.06E-21	0.508831	0.275	0.18	7.49E-17	TAM-Inflam Casp1
Psmd7	3.46E-21	0.337667	0.35	0.24	8.48E-17	TAM-Inflam Psmd7
Nfkbia3	3.56E-21	0.332489	0.616	0.487	8.71E-17	TAM-Inflam Nfkbia
Erap1	3.72E-21	0.375911	0.272	0.176	9.12E-17	TAM-Inflam Erap1
9530068E0	4.00E-21	0.288385	0.384	0.267	9.79E-17	TAM-Inflam 9530068E07Rik
Sharpin1	4.15E-21	0.303058	0.316	0.211	1.02E-16	TAM-Inflam Sharpin
Selenot	4.15E-21	0.260801	0.416	0.294	1.02E-16	TAM-Inflam Selenot
Mif4gd1	6.22E-21	0.326613	0.285	0.187	1.52E-16	TAM-Inflam Mif4gd
Tbc1d10a1	6.53E-21	0.339653	0.304	0.203	1.60E-16	TAM-Inflam Tbc1d10a
Ndufs32	7.18E-21	0.304271	0.439	0.318	1.76E-16	TAM-Inflam Ndufs3
Snhg121	8.47E-21	0.450064	0.263	0.17	2.08E-16	TAM-Inflam Snhg12

Pdlim43	1.06E-20	0.262461	0.379	0.261	2.60E-16	TAM-Inflam Pdlim4
Chrac11	1.74E-20	0.339821	0.346	0.238	4.25E-16	TAM-Inflam Chrac1
Fndc3a1	1.03E-19	0.277261	0.419	0.301	2.53E-15	TAM-Inflam Fndc3a
Gng123	1.22E-19	0.272657	0.413	0.297	2.99E-15	TAM-Inflam Gng12
Rnase61	1.49E-19	0.368964	0.279	0.184	3.66E-15	TAM-Inflam Rnase6
Bola22	2.23E-19	0.255515	0.334	0.227	5.46E-15	TAM-Inflam Bola2
Ptpn62	2.98E-19	0.26362	0.649	0.512	7.31E-15	TAM-Inflam Ptpn6
Tmem1311	3.60E-19	0.252433	0.424	0.306	8.82E-15	TAM-Inflam Tmem131
Tnfaip32	3.85E-19	0.443504	0.299	0.203	9.43E-15	TAM-Inflam Tnfaip3
Resf11	4.05E-19	0.292364	0.363	0.255	9.92E-15	TAM-Inflam Resf1
Plk31	4.58E-19	0.425467	0.253	0.165	1.12E-14	TAM-Inflam Plk3
Psmb23	4.88E-19	0.264605	0.491	0.368	1.20E-14	TAM-Inflam Psmb2
Cep853	8.04E-19	0.37798	0.396	0.29	1.97E-14	TAM-Inflam Cep85
Plekhf21	8.34E-19	0.392548	0.272	0.181	2.04E-14	TAM-Inflam Plekhf2
Xrn1	8.74E-19	0.307288	0.278	0.184	2.14E-14	TAM-Inflam Xrn1
Bloc1s13	9.60E-19	0.25079	0.329	0.225	2.35E-14	TAM-Inflam Bloc1s1
Leprotl11	2.13E-18	0.267023	0.386	0.275	5.22E-14	TAM-Inflam Leprotl1
Derl2	2.22E-18	0.288352	0.338	0.236	5.44E-14	TAM-Inflam Derl2
Rubcnl2	6.30E-18	0.262324	0.345	0.239	1.54E-13	TAM-Inflam Rubcnl
Cacybp2	1.73E-17	0.302437	0.286	0.196	4.23E-13	TAM-Inflam Cacybp
Mvp3	2.67E-17	0.406513	0.274	0.189	6.54E-13	TAM-Inflam Mvp
Ube2v14	4.77E-17	0.26006	0.388	0.284	1.17E-12	TAM-Inflam Ube2v1
Utp31	1.69E-16	0.327753	0.279	0.192	4.14E-12	TAM-Inflam Utp3
Igbbp12	1.71E-16	0.279768	0.318	0.224	4.19E-12	TAM-Inflam Igbbp1
Snx201	4.94E-16	0.254597	0.437	0.325	1.21E-11	TAM-Inflam Snx20
Elovl11	5.60E-16	0.287721	0.337	0.243	1.37E-11	TAM-Inflam Elovl1
Ist1	9.05E-16	0.283902	0.266	0.182	2.22E-11	TAM-Inflam Ist1
Gaa3	1.33E-15	0.257317	0.339	0.242	3.25E-11	TAM-Inflam Gaa
Pfkl1	3.35E-15	0.365423	0.253	0.175	8.22E-11	TAM-Inflam Pfkl
Tm9sf1	1.13E-14	0.272339	0.276	0.193	2.77E-10	TAM-Inflam Tm9sf1
Ppp1r15b	1.19E-14	0.318747	0.258	0.179	2.92E-10	TAM-Inflam Ppp1r15b
Dek2	1.77E-14	0.279242	0.341	0.253	4.34E-10	TAM-Inflam Dek
Ppp1r15a2	5.08E-14	0.31884	0.268	0.19	1.24E-09	TAM-Inflam Ppp1r15a
Psmd121	5.48E-14	0.255349	0.279	0.197	1.34E-09	TAM-Inflam Psmd12
Unc502	2.15E-13	0.263553	0.363	0.272	5.26E-09	TAM-Inflam Unc50
Eif2s11	4.26E-13	0.303326	0.284	0.207	1.04E-08	TAM-Inflam Eif2s1
Srd5a3	2.08E-12	0.263561	0.252	0.179	5.10E-08	TAM-Inflam Srd5a3
Rasgef1b1	2.73E-12	0.259469	0.292	0.213	6.69E-08	TAM-Inflam Rasgef1b
Herpud12	3.72E-11	0.268165	0.483	0.385	9.11E-07	TAM-Inflam Herpud1
Ccl32	1.53E-10	0.516334	0.258	0.191	3.74E-06	TAM-Inflam Ccl3
S100a9	0	11.64108	0.981	0.033	0	Neutrophils S100a9
S100a8	0	11.72244	0.969	0.025	0	Neutrophils S100a8
Pglyrp1	0	7.128046	0.904	0.029	0	Neutrophils Pglyrp1
S100a111	0	5.827837	0.939	0.133	0	Neutrophils S100a11

Lcn2	0	11.38516	0.805	0.005	0 Neutrophils Lcn2
Slpi	0	9.013956	0.804	0.009	0 Neutrophils Slpi
Hp	0	6.420188	0.797	0.02	0 Neutrophils Hp
Retnlg	0	11.28178	0.773	0.006	0 Neutrophils Retnlg
Mmp9	0	9.100966	0.759	0.005	0 Neutrophils Mmp9
Wfdc21	0	11.73208	0.745	0.001	0 Neutrophils Wfdc21
Anxa1	0	6.872146	0.767	0.046	0 Neutrophils Anxa1
Msrbl1	0	4.796933	0.894	0.175	0 Neutrophils Msrbl1
Gsr	0	4.493933	0.832	0.119	0 Neutrophils Gsr
S100a61	0	5.43693	0.803	0.105	0 Neutrophils S100a61
Anxa21	0	3.888916	0.816	0.124	0 Neutrophils Anxa2
Gda	0	5.122635	0.693	0.039	0 Neutrophils Gda
Hdc	0	7.11096	0.649	0.008	0 Neutrophils Hdc
Mxd1	0	5.142039	0.702	0.065	0 Neutrophils Mxd1
Ifitm6	0	6.164828	0.665	0.036	0 Neutrophils Ifitm6
Ngp	0	11.53267	0.635	0.009	0 Neutrophils Ngp
Pygl	0	5.081928	0.668	0.065	0 Neutrophils Pygl
Cd24a	0	4.880573	0.61	0.029	0 Neutrophils Cd24a
Lsp11	0	2.595057	0.772	0.192	0 Neutrophils Lsp1
Cnn21	0	3.673667	0.69	0.111	0 Neutrophils Cnn2
Mcomp1	0	5.158537	0.616	0.042	0 Neutrophils Mcomp1
Hmgb2	0	3.936332	0.788	0.223	0 Neutrophils Hmgb2
Camp	0	11.79344	0.565	0.009	0 Neutrophils Camp
Txn12	0	3.389447	0.867	0.313	0 Neutrophils Txn1
Padi4	0	8.127643	0.54	0.004	0 Neutrophils Padi4
Mmp8	0	9.740459	0.54	0.004	0 Neutrophils Mmp8
Iqgap12	0	3.058074	0.691	0.156	0 Neutrophils Iqgap1
Mgst12	0	4.078768	0.598	0.066	0 Neutrophils Mgst1
Sorl1	0	3.497722	0.697	0.17	0 Neutrophils Sorl1
Trem3	0	6.59806	0.533	0.008	0 Neutrophils Trem3
Ly6c21	0	2.603516	0.572	0.047	0 Neutrophils Ly6c2
Ly6g	0	12.6548	0.52	0	0 Neutrophils Ly6g
Syne1	0	4.385957	0.584	0.065	0 Neutrophils Syne1
Ifitm22	0	3.152466	0.714	0.198	0 Neutrophils Ifitm2
Rflnb	0	6.37787	0.524	0.01	0 Neutrophils Rflnb
Cxcr2	0	9.167674	0.509	0.002	0 Neutrophils Cxcr2
Cd177	0	7.96176	0.511	0.006	0 Neutrophils Cd177
Lrg1	0	9.873784	0.504	0.001	0 Neutrophils Lrg1
Ltf	0	11.21494	0.504	0.003	0 Neutrophils Ltf
Lgals32	0	2.015574	0.678	0.18	0 Neutrophils Lgals3
Plp2	0	4.747997	0.535	0.037	0 Neutrophils Plp2
Chil1	0	7.330111	0.503	0.006	0 Neutrophils Chil1
Ripor21	0	3.585606	0.612	0.119	0 Neutrophils Ripor2
MsrA	0	3.766323	0.585	0.096	0 Neutrophils MsrA

Adpgk	0	4.875853	0.556	0.076	0 Neutrophils Adpgk
Actn1	0	3.964289	0.527	0.062	0 Neutrophils Actn1
Plaur2	0	3.125825	0.623	0.165	0 Neutrophils Plaur
Fgr1	0	3.410605	0.544	0.094	0 Neutrophils Fgr
Mrpl331	0	2.791079	0.703	0.257	0 Neutrophils Mrpl33
Plbd11	0	2.187649	0.549	0.112	0 Neutrophils Plbd1
Fxyd51	0	2.723901	0.721	0.284	0 Neutrophils Fxyd5
Slfn11	0	4.236031	0.489	0.052	0 Neutrophils Slfn1
Slfn4	0	7.488723	0.443	0.006	0 Neutrophils Slfn4
Arhgap152	0	2.073319	0.705	0.27	0 Neutrophils Arhgap15
Sell	0	5.405781	0.442	0.018	0 Neutrophils Sell
Pbx1	0	2.928823	0.576	0.153	0 Neutrophils Pbx1
Pram1	0	5.713699	0.442	0.02	0 Neutrophils Pram1
Cd441	0	2.706703	0.608	0.191	0 Neutrophils Cd44
Lilr4b1	0	4.077201	0.464	0.049	0 Neutrophils Lilr4b
Anxa11	0	3.615295	0.52	0.105	0 Neutrophils Anxa11
F630028O1	0	4.659704	0.451	0.036	0 Neutrophils F630028O10Rik
Vim1	0	1.482748	0.603	0.189	0 Neutrophils Vim
Rac22	0	2.864962	0.862	0.449	0 Neutrophils Rac2
Flna1	0	2.602003	0.594	0.186	0 Neutrophils Flna
Glipr2	0	4.084286	0.439	0.035	0 Neutrophils Glipr2
Gmfg2	0	2.526651	0.781	0.378	0 Neutrophils Gmfg
Ckap4	0	3.505527	0.503	0.1	0 Neutrophils Ckap4
Svil	0	2.584539	0.599	0.196	0 Neutrophils Svil
Taldo12	0	2.569636	0.874	0.474	0 Neutrophils Taldo1
Prr131	0	2.828509	0.723	0.326	0 Neutrophils Prr13
Stk17b1	0	2.944856	0.558	0.163	0 Neutrophils Stk17b
Pirb2	0	2.995353	0.54	0.145	0 Neutrophils Pirb
Gsn1	0	2.893813	0.511	0.119	0 Neutrophils Gsn
Cebpd3	0	2.319922	0.665	0.273	0 Neutrophils Cebpd
Slc2a3	0	4.795195	0.418	0.027	0 Neutrophils Slc2a3
Nedd91	0	3.134263	0.473	0.083	0 Neutrophils Nedd9
Chil3	0	6.154216	0.403	0.015	0 Neutrophils Chil3
Rasgrp4	0	3.821052	0.445	0.058	0 Neutrophils Rasgrp4
Pilra1	0	3.178848	0.504	0.118	0 Neutrophils Pilra
Cdk2ap21	0	2.80555	0.686	0.303	0 Neutrophils Cdk2ap2
Adam8	0	4.618874	0.42	0.038	0 Neutrophils Adam8
Emb1	0	3.700988	0.446	0.065	0 Neutrophils Emb
2310001H1	0	4.185314	0.436	0.06	0 Neutrophils 2310001H17Rik
Il1r2	0	6.143279	0.392	0.018	0 Neutrophils Il1r2
Hcst	0	2.796555	0.547	0.175	0 Neutrophils Hcst
R3hdm4	0	2.697559	0.59	0.222	0 Neutrophils R3hdm4
Ltb	0	4.095269	0.408	0.045	0 Neutrophils Ltb
G0s2	0	6.392222	0.373	0.011	0 Neutrophils G0s2

Nfe2	0	5.563105	0.372	0.012	0 Neutrophils Nfe2
Pnkp	0	3.036613	0.486	0.127	0 Neutrophils Pnkp
Cyfp2	0	3.624693	0.404	0.046	0 Neutrophils Cyfp2
Cd300lf3	0	2.974206	0.493	0.137	0 Neutrophils Cd300lf
Glr6	0	2.921063	0.499	0.145	0 Neutrophils Glr6
Cdkn2d	0	3.967099	0.401	0.05	0 Neutrophils Cdkn2d
Alox5	0	3.096127	0.42	0.077	0 Neutrophils Alox5
Abtb1	0	2.959152	0.461	0.123	0 Neutrophils Abtb1
Serpinb1a	0	6.012983	0.345	0.007	0 Neutrophils Serpinb1a
Mapk13	0	7.456234	0.339	0.004	0 Neutrophils Mapk13
Fpr2	0	6.291505	0.342	0.008	0 Neutrophils Fpr2
Dgat1	0	3.527098	0.398	0.066	0 Neutrophils Dgat1
Rnf144a	0	6.174319	0.337	0.008	0 Neutrophils Rnf144a
Dach1	0	5.846537	0.334	0.008	0 Neutrophils Dach1
Unc119	0	3.580769	0.37	0.049	0 Neutrophils Unc119
Pi16	0	5.934462	0.329	0.008	0 Neutrophils Pi16
Lbr	0	2.968696	0.407	0.086	0 Neutrophils Lbr
Atp8b4	0	3.879825	0.357	0.037	0 Neutrophils Atp8b4
Pstpip11	0	3.440431	0.387	0.068	0 Neutrophils Pstpip1
Tmem154	0	4.601174	0.345	0.028	0 Neutrophils Tmem154
Prdx5	0	2.534705	0.898	0.583	0 Neutrophils Prdx5
Ltb4r1	0	4.711816	0.334	0.021	0 Neutrophils Ltb4r1
Lmn1	0	3.785538	0.382	0.07	0 Neutrophils Lmn1
Lrrk2	0	4.539932	0.337	0.027	0 Neutrophils Lrrk2
Cebpe	0	10.01522	0.303	0.001	0 Neutrophils Cebpe
B230208H11Rik	0	6.847347	0.303	0.005	0 Neutrophils B230208H11Rik
Mirt1	0	5.094624	0.316	0.02	0 Neutrophils Mirt1
Pilrb2	0	4.645556	0.317	0.023	0 Neutrophils Pilrb2
Itgb2l	0	10.7014	0.292	0	0 Neutrophils Itgb2l
Sem1	0	1.936827	0.832	0.546	0 Neutrophils Sem1
111008P14Rik	0	3.025395	0.362	0.077	0 Neutrophils 111008P14Rik
Dhrs9	0	9.310556	0.285	0.002	0 Neutrophils Dhrs9
AA467197	0	4.097667	0.301	0.019	0 Neutrophils AA467197
Dock5	0	3.605569	0.313	0.032	0 Neutrophils Dock5
Clec4e	0	5.683558	0.288	0.01	0 Neutrophils Clec4e
Cxcr4	0	4.526063	0.306	0.03	0 Neutrophils Cxcr4
Coro1a	0	1.71582	0.899	0.623	0 Neutrophils Coro1a
Il18rap	0	5.70055	0.283	0.008	0 Neutrophils Il18rap
Tuba4a	0	3.52407	0.32	0.047	0 Neutrophils Tuba4a
Cd52	0	1.644501	0.942	0.669	0 Neutrophils Cd52
Rasgrp2	0	3.800042	0.297	0.029	0 Neutrophils Rasgrp2
Abca13	0	6.383848	0.27	0.005	0 Neutrophils Abca13
Gsdme	0	3.759643	0.299	0.038	0 Neutrophils Gsdme
Myl6	0	1.896664	0.865	0.604	0 Neutrophils Myl6

Gm340841	0	3.561046	0.303	0.042	0	Neutrophils Gm34084
Megf9	0	3.591032	0.29	0.031	0	Neutrophils Megf9
Pde2a	0	3.221954	0.297	0.039	0	Neutrophils Pde2a
H2-Q10	0	7.651676	0.259	0.004	0	Neutrophils H2-Q10
Cd300lb	0	4.911365	0.274	0.021	0	Neutrophils Cd300lb
Sgms2	0	5.425062	0.259	0.007	0	Neutrophils Sgms2
Vcl	0	3.13177	0.293	0.045	0	Neutrophils Vcl
Pip5k1b	0	4.356689	0.268	0.021	0	Neutrophils Pip5k1b
6430548M	0	3.79562	0.278	0.032	0	Neutrophils 6430548M08Rik
Stx11	0	4.457732	0.27	0.024	0	Neutrophils Stx11
Arhgdib1	0	2.449582	0.86	0.615	0	Neutrophils Arhgdib
Alox5ap2	0	1.83513	0.888	0.644	0	Neutrophils Alox5ap2
Fpr1	0	5.57368	0.253	0.011	0	Neutrophils Fpr1
H3f3a2	0	1.810942	0.903	0.669	0	Neutrophils H3f3a
Clec4d	0	5.054822	0.25	0.016	0	Neutrophils Clec4d
Rab3d	0	4.086641	0.254	0.028	0	Neutrophils Rab3d
Pfn11	0	1.589027	0.954	0.829	0	Neutrophils Pfn1
Tmsb4x2	0	1.066461	0.983	0.967	0	Neutrophils Tmsb4x
Actg11	5.95E-307	1.220358	0.941	0.78	1.46E-302	Neutrophils Actg11
Lyst	1.07E-306	2.645547	0.597	0.219	2.63E-302	Neutrophils Lyst
Lcp11	1.28E-299	1.577319	0.891	0.685	3.14E-295	Neutrophils Lcp11
Nudt4	7.34E-291	2.664017	0.48	0.142	1.80E-286	Neutrophils Nudt4
Hmgn21	8.71E-290	3.084127	0.645	0.316	2.13E-285	Neutrophils Hmgn21
Myl12b1	8.42E-285	1.589012	0.853	0.63	2.06E-280	Neutrophils Myl12b1
Zyx1	1.09E-282	2.256719	0.621	0.249	2.66E-278	Neutrophils Zyx1
Antxr2	9.45E-280	3.649158	0.265	0.047	2.31E-275	Neutrophils Antxr2
Fam107b	2.60E-279	2.479989	0.473	0.144	6.36E-275	Neutrophils Fam107b
Klf23	5.59E-277	1.740747	0.618	0.218	1.37E-272	Neutrophils Klf23
Adgre5	8.78E-276	2.66159	0.336	0.073	2.15E-271	Neutrophils Adgre5
Xylt1	1.52E-274	2.679539	0.378	0.092	3.73E-270	Neutrophils Xylt1
Ostf1	7.23E-271	1.799429	0.776	0.49	1.77E-266	Neutrophils Ostf1
Cmss12	2.53E-267	1.486828	0.984	0.922	6.20E-263	Neutrophils Cmss12
B430306N	3.52E-260	3.307287	0.266	0.05	8.62E-256	Neutrophils B430306N03Rik
Clec12a1	2.85E-258	2.400736	0.341	0.078	6.97E-254	Neutrophils Clec12a1
Lilrb4a3	3.40E-256	2.153496	0.501	0.162	8.33E-252	Neutrophils Lilrb4a3
Arpc5	3.71E-253	1.917456	0.723	0.425	9.09E-249	Neutrophils Arpc5
Cpne2	2.63E-251	2.930295	0.275	0.055	6.44E-247	Neutrophils Cpne2
Ccr12	1.45E-245	2.780031	0.315	0.071	3.55E-241	Neutrophils Ccr12
Capn1	1.26E-242	3.148259	0.306	0.07	3.08E-238	Neutrophils Capn1
Xdh	3.38E-240	2.664062	0.373	0.101	8.28E-236	Neutrophils Xdh
Cyp4f181	4.72E-239	2.99356	0.357	0.096	1.16E-234	Neutrophils Cyp4f181
Tmcc11	1.70E-238	2.202352	0.685	0.352	4.15E-234	Neutrophils Tmcc11
Dstn2	1.24E-236	2.43147	0.576	0.27	3.04E-232	Neutrophils Dstn2
AB1246114	1.32E-235	2.458464	0.47	0.161	3.23E-231	Neutrophils AB1246114

Lyz23	3.09E-234	1.198865	0.886	0.676	7.58E-230	NeutrophilsLyz2
Vasp1	1.02E-233	2.103018	0.631	0.312	2.49E-229	NeutrophilsVasp
Vav32	1.43E-226	2.36553	0.315	0.075	3.50E-222	NeutrophilsVav3
Cdc42ep3	8.60E-223	2.927177	0.285	0.065	2.11E-218	NeutrophilsCdc42ep3
Ipcef1	1.47E-222	2.415611	0.385	0.111	3.59E-218	NeutrophilsIpcef1
Actb2	1.36E-220	0.686109	0.989	0.958	3.34E-216	NeutrophilsActb
Slfn23	3.09E-220	2.084357	0.622	0.289	7.56E-216	NeutrophilsSlfn2
Dhrs7	2.21E-217	2.322789	0.546	0.238	5.41E-213	NeutrophilsDhrs7
Ezr1	1.05E-214	2.503682	0.339	0.091	2.56E-210	NeutrophilsEzr
Dok31	3.49E-214	2.207516	0.481	0.176	8.54E-210	NeutrophilsDok3
Mettl9	1.37E-212	2.251821	0.528	0.227	3.37E-208	NeutrophilsMettl9
Serf23	3.74E-212	1.066256	0.903	0.757	9.17E-208	NeutrophilsSerf2
Sh3bgrl33	1.12E-210	1.032058	0.898	0.746	2.73E-206	NeutrophilsSh3bgrl3
Cytip	1.87E-207	2.124236	0.316	0.079	4.58E-203	NeutrophilsCytip
Pgd2	1.62E-206	2.039071	0.576	0.273	3.98E-202	NeutrophilsPgd
Pkm2	6.84E-206	1.432621	0.764	0.502	1.67E-201	NeutrophilsPkm
Gpi13	6.68E-205	1.660554	0.703	0.45	1.64E-200	NeutrophilsGpi1
Map4k2	8.79E-205	2.493028	0.298	0.073	2.15E-200	NeutrophilsMap4k2
Gpsm31	1.97E-202	1.923032	0.658	0.382	4.83E-198	NeutrophilsGpsm3
Aldh23	2.43E-200	2.057911	0.558	0.266	5.96E-196	NeutrophilsAldh2
Il1b2	1.43E-197	4.03638	0.334	0.099	3.51E-193	NeutrophilsIl1b
Cybb3	4.11E-196	2.158401	0.527	0.23	1.01E-191	NeutrophilsCybb
Capg2	1.74E-195	2.110222	0.412	0.137	4.26E-191	NeutrophilsCapg
Gpx11	5.26E-185	0.969802	0.881	0.698	1.29E-180	NeutrophilsGpx1
Fbxl5	1.32E-182	2.708525	0.426	0.161	3.24E-178	NeutrophilsFbxl5
Myh91	9.17E-179	1.334607	0.784	0.583	2.25E-174	NeutrophilsMyh9
Ncf2	1.88E-176	1.648307	0.715	0.463	4.61E-172	NeutrophilsNcf2
Ncf41	1.30E-174	2.111867	0.521	0.251	3.18E-170	NeutrophilsNcf4
Itgal1	1.81E-173	2.487873	0.304	0.087	4.44E-169	NeutrophilsItgal
Aldh3b1	4.24E-173	2.571991	0.3	0.085	1.04E-168	NeutrophilsAldh3b1
Ppp2r5a	6.49E-170	1.950798	0.473	0.196	1.59E-165	NeutrophilsPpp2r5a
Ifitm33	3.03E-169	0.830968	0.757	0.424	7.42E-165	NeutrophilsIfitm3
Map1lc3b3	7.65E-166	2.015452	0.608	0.341	1.87E-161	NeutrophilsMap1lc3b
Lmo41	4.52E-162	2.138026	0.397	0.147	1.11E-157	NeutrophilsLmo4
Apobr	4.95E-162	2.685983	0.256	0.067	1.21E-157	NeutrophilsApobr
Igf1r1	4.04E-161	1.725286	0.505	0.218	9.88E-157	NeutrophilsIgf1r
Arcp21	7.76E-147	0.976015	0.835	0.707	1.90E-142	NeutrophilsArcp2
Arcp1b3	9.42E-146	0.971491	0.855	0.701	2.31E-141	NeutrophilsArcp1b
Diaph11	1.16E-145	2.125507	0.371	0.138	2.85E-141	NeutrophilsDiaph1
Rap1gap2	2.98E-143	2.102562	0.318	0.104	7.30E-139	NeutrophilsRap1gap2
Ehd12	2.23E-140	2.273025	0.313	0.105	5.47E-136	NeutrophilsEhd1
Eif12	7.82E-140	0.821205	0.931	0.832	1.92E-135	NeutrophilsEif1
Flot2	5.80E-137	2.302761	0.256	0.075	1.42E-132	NeutrophilsFlot2
Tkt2	2.15E-135	1.713884	0.612	0.423	5.26E-131	NeutrophilsTkt

Nadk2	6.16E-133	1.811769	0.494	0.245	1.51E-128	Neutrophils Nadk
Triobp	1.18E-132	2.296749	0.277	0.087	2.89E-128	Neutrophils Triobp
Ncf12	2.15E-132	1.32817	0.703	0.543	5.26E-128	Neutrophils Ncf1
Glipr11	2.57E-132	2.63827	0.31	0.11	6.29E-128	Neutrophils Glipr1
C5ar11	5.73E-132	1.789402	0.507	0.251	1.40E-127	Neutrophils C5ar1
Arpc33	3.73E-130	0.992444	0.793	0.639	9.13E-126	Neutrophils Arpc3
Hipk1	1.04E-128	1.85013	0.419	0.183	2.54E-124	Neutrophils Hipk1
Rinl	1.04E-128	2.318177	0.302	0.104	2.55E-124	Neutrophils Rinl
Tcp11l2	7.71E-127	2.228835	0.265	0.083	1.89E-122	Neutrophils Tcp11l2
Cyb5r4	6.70E-124	2.014805	0.364	0.148	1.64E-119	Neutrophils Cyb5r4
Cers61	2.40E-123	1.910162	0.444	0.203	5.88E-119	Neutrophils Cers6
G6pdx1	3.32E-123	2.015608	0.354	0.143	8.13E-119	Neutrophils G6pdx
Nin1	1.16E-122	1.978011	0.347	0.136	2.84E-118	Neutrophils Nin
Gapdh2	2.64E-121	0.938274	0.781	0.627	6.47E-117	Neutrophils Gapdh
Add3	8.44E-120	1.811601	0.357	0.14	2.07E-115	Neutrophils Add3
Sri2	3.99E-119	1.669787	0.536	0.319	9.77E-115	Neutrophils Sri
Gm424182	9.36E-119	0.900346	0.998	0.982	2.29E-114	Neutrophils Gm42418
Grk6	1.71E-118	2.136526	0.276	0.092	4.18E-114	Neutrophils Grk6
1810058l2	1.98E-117	1.74615	0.483	0.26	4.84E-113	Neutrophils 1810058l24Rik
Agpat2	1.36E-116	2.217367	0.275	0.095	3.33E-112	Neutrophils Agpat2
Gcnt2	2.93E-116	2.879306	0.266	0.091	7.16E-112	Neutrophils Gcnt2
Csf3r2	9.95E-116	2.160171	0.684	0.506	2.44E-111	Neutrophils Csf3r
Adipor12	2.68E-111	1.556526	0.637	0.437	6.56E-107	Neutrophils Adipor1
Atg7	9.20E-111	2.234332	0.321	0.125	2.25E-106	Neutrophils Atg7
Fam129a1	7.36E-110	1.911257	0.36	0.152	1.80E-105	Neutrophils Fam129a
Sema4a2	4.18E-109	2.219524	0.293	0.109	1.02E-104	Neutrophils Sema4a
Grina1	6.56E-108	1.557963	0.712	0.565	1.61E-103	Neutrophils Grina
Emp32	1.75E-107	1.286563	0.451	0.218	4.29E-103	Neutrophils Emp3
Neat12	1.96E-105	1.50099	0.53	0.294	4.80E-101	Neutrophils Neat1
Morrbid2	9.68E-105	1.926499	0.307	0.118	2.37E-100	Neutrophils Morrbid
Ccpg1	1.43E-103	2.106055	0.404	0.201	3.50E-99	Neutrophils Ccpg1
Ccnd31	7.59E-103	0.875754	0.74	0.519	1.86E-98	Neutrophils Ccnd3
Klhl2	6.91E-102	2.346918	0.261	0.094	1.69E-97	Neutrophils Klhl2
H2afj2	2.12E-101	1.417808	0.596	0.385	5.19E-97	Neutrophils H2afj
Chp1	2.65E-101	1.956951	0.341	0.146	6.49E-97	Neutrophils Chp1
Actr31	6.87E-101	0.969734	0.711	0.555	1.68E-96	Neutrophils Actr3
Lta4h	2.79E-100	2.534768	0.324	0.144	6.83E-96	Neutrophils Lta4h
Ptpcr2	2.28E-98	1.196861	0.741	0.573	5.59E-94	Neutrophils Ptpcr
Arhgap91	7.89E-98	1.901134	0.374	0.175	1.93E-93	Neutrophils Arhgap9
Prdx62	2.29E-95	1.662292	0.395	0.194	5.62E-91	Neutrophils Prdx6
Rin31	4.96E-95	1.624747	0.446	0.234	1.22E-90	Neutrophils Rin3
Ppp1r2	7.45E-95	1.751219	0.424	0.217	1.82E-90	Neutrophils Ppp1r2
Mpc21	1.31E-94	1.52122	0.524	0.336	3.22E-90	Neutrophils Mpc2
Fry	4.65E-93	1.584047	0.382	0.175	1.14E-88	Neutrophils Fry

Golim4	1.05E-92	1.819292	0.292	0.115	2.57E-88	Neutrophils Golim4
Nfam12	2.00E-92	1.492159	0.55	0.348	4.89E-88	Neutrophils Nfam1
Card192	5.93E-91	1.773313	0.448	0.246	1.45E-86	Neutrophils Card19
Ptpn12	1.86E-90	1.986572	0.259	0.097	4.56E-86	Neutrophils Ptpn12
Rbms12	4.24E-90	1.503196	0.432	0.226	1.04E-85	Neutrophils Rbms1
Atp11b	4.43E-89	1.864267	0.322	0.14	1.08E-84	Neutrophils Atp11b
Grk2	5.92E-89	1.393983	0.542	0.342	1.45E-84	Neutrophils Grk2
Srgn1	1.48E-88	2.44081	0.649	0.553	3.61E-84	Neutrophils Srgn
Cap1	3.87E-88	1.151508	0.659	0.507	9.49E-84	Neutrophils Cap1
Oaz13	5.31E-88	0.73001	0.805	0.721	1.30E-83	Neutrophils Oaz1
Siglece1	4.53E-87	1.833598	0.368	0.177	1.11E-82	Neutrophils Siglece
Gm267401	1.88E-86	1.562961	0.508	0.303	4.60E-82	Neutrophils Gm26740
Ccl6	2.09E-86	2.882389	0.541	0.406	5.11E-82	Neutrophils Ccl6
Gnai21	4.29E-86	0.713272	0.856	0.782	1.05E-81	Neutrophils Gnai2
Slc16a3	1.99E-85	2.176888	0.272	0.11	4.88E-81	Neutrophils Slc16a3
Gng53	1.18E-84	0.755856	0.826	0.719	2.90E-80	Neutrophils Gng5
Fis13	5.37E-83	1.105985	0.625	0.467	1.32E-78	Neutrophils Fis1
Atg3	8.73E-83	1.841942	0.42	0.235	2.14E-78	Neutrophils Atg3
Lars22	3.12E-82	0.941004	0.882	0.753	7.63E-78	Neutrophils Lars2
Ndel1	2.72E-79	1.888338	0.365	0.187	6.66E-75	Neutrophils Ndel1
Scp23	2.79E-78	1.423739	0.499	0.338	6.83E-74	Neutrophils Scp2
Il17ra	8.19E-78	1.583675	0.393	0.207	2.00E-73	Neutrophils Il17ra
C33	1.75E-77	1.176642	0.32	0.143	4.29E-73	Neutrophils C3
Ubb4	4.11E-76	0.673944	0.933	0.865	1.01E-71	Neutrophils Ubb
Calm13	7.13E-76	0.728872	0.729	0.592	1.75E-71	Neutrophils Calm1
Myl12a2	5.48E-75	1.021096	0.608	0.452	1.34E-70	Neutrophils Myl12a
Vamp5	6.06E-72	1.648426	0.321	0.153	1.49E-67	Neutrophils Vamp5
Cpne31	1.14E-71	1.69132	0.376	0.21	2.79E-67	Neutrophils Cpne3
Rab5if3	1.15E-71	1.17956	0.555	0.394	2.82E-67	Neutrophils Rab5if
Lamtor42	1.50E-71	1.265645	0.574	0.443	3.67E-67	Neutrophils Lamtor4
Mfsd14b	3.00E-71	1.674113	0.31	0.145	7.35E-67	Neutrophils Mfsd14b
Acsl11	3.21E-71	1.541338	0.328	0.158	7.87E-67	Neutrophils Acsl1
Scand12	3.58E-71	1.19633	0.579	0.415	8.76E-67	Neutrophils Scand1
Hacd42	7.33E-71	1.761517	0.382	0.215	1.79E-66	Neutrophils Hacd4
Gabarap4	3.18E-70	0.811169	0.812	0.674	7.79E-66	Neutrophils Gabarap
Ethe12	6.02E-70	1.775156	0.288	0.134	1.47E-65	Neutrophils Ethe1
Ttr3	1.13E-69	1.342213	0.687	0.507	2.77E-65	Neutrophils Ttr
Ier22	1.54E-69	0.812039	0.58	0.351	3.78E-65	Neutrophils Ier2
Pgk13	2.73E-69	1.306919	0.432	0.256	6.70E-65	Neutrophils Pgk1
Sh2d3c	3.89E-68	1.922396	0.261	0.115	9.52E-64	Neutrophils Sh2d3c
Arap3	4.78E-67	1.464597	0.314	0.149	1.17E-62	Neutrophils Arap3
Tspo4	1.84E-66	0.78357	0.622	0.447	4.50E-62	Neutrophils Tspo
Rab27a	3.98E-66	1.56985	0.305	0.146	9.75E-62	Neutrophils Rab27a
Pla2g73	1.39E-65	2.014195	0.312	0.159	3.39E-61	Neutrophils Pla2g7

Kdm6b	1.53E-65	1.851813	0.25	0.109	3.75E-61	Neutrophils Kdm6b
Rassf3	2.42E-65	1.733818	0.346	0.184	5.93E-61	Neutrophils Rassf3
Gpx43	2.54E-65	0.890107	0.716	0.596	6.23E-61	Neutrophils Gpx4
Mcl12	3.88E-65	1.353379	0.668	0.539	9.51E-61	Neutrophils Mcl1
Ube2b	4.98E-65	1.284822	0.524	0.362	1.22E-60	Neutrophils Ube2b
Cdc42se11	5.83E-63	1.45071	0.445	0.28	1.43E-58	Neutrophils Cdc42se1
Igsf62	6.52E-62	1.44425	0.389	0.225	1.60E-57	Neutrophils Igsf6
Il31ra2	7.24E-62	0.89963	0.747	0.614	1.77E-57	Neutrophils Il31ra
Fam32a1	5.60E-61	1.704957	0.365	0.21	1.37E-56	Neutrophils Fam32a
Ppp1r181	3.07E-60	1.036382	0.614	0.473	7.51E-56	Neutrophils Ppp1r18
Pxn	7.90E-60	1.368413	0.383	0.217	1.94E-55	Neutrophils Pxn
Flot1	1.24E-59	1.532346	0.33	0.175	3.04E-55	Neutrophils Flot1
Cast1	1.14E-58	1.614634	0.253	0.115	2.79E-54	Neutrophils Cast
Samhd12	2.61E-58	1.115585	0.554	0.391	6.39E-54	Neutrophils Samhd1
Pim13	2.65E-57	2.227808	0.284	0.145	6.49E-53	Neutrophils Pim1
Atp5l3	6.31E-57	0.789949	0.7	0.567	1.54E-52	Neutrophils Atp5l
Ndufb73	1.51E-56	1.111192	0.508	0.373	3.69E-52	Neutrophils Ndufb7
Max2	3.22E-56	1.415426	0.417	0.261	7.89E-52	Neutrophils Max
Rab6a	8.03E-56	1.531534	0.304	0.158	1.97E-51	Neutrophils Rab6a
Srpk2	2.87E-55	1.4489	0.34	0.186	7.03E-51	Neutrophils Srpk2
Usp32	7.49E-55	1.741786	0.314	0.171	1.84E-50	Neutrophils Usp32
Kdm7a1	8.99E-54	1.292548	0.413	0.257	2.20E-49	Neutrophils Kdm7a
Ppm1m	2.11E-53	1.529662	0.265	0.13	5.16E-49	Neutrophils Ppm1m
Atp6v1g12	3.17E-53	0.856415	0.697	0.571	7.77E-49	Neutrophils Atp6v1g1
Jdp2	8.75E-53	1.432955	0.25	0.118	2.14E-48	Neutrophils Jdp2
Calm32	1.05E-52	1.120055	0.477	0.332	2.57E-48	Neutrophils Calm3
Aldoa3	1.41E-52	0.65648	0.708	0.595	3.45E-48	Neutrophils Aldoa
Fmnl1	1.78E-52	1.179153	0.492	0.341	4.35E-48	Neutrophils Fmnl1
Slc9a3r12	1.39E-51	1.551	0.315	0.175	3.41E-47	Neutrophils Slc9a3r1
Eno13	2.38E-51	1.175139	0.45	0.298	5.83E-47	Neutrophils Eno1
Riok3	2.92E-51	1.379717	0.376	0.227	7.16E-47	Neutrophils Riok3
Litaf2	3.97E-51	1.27574	0.524	0.394	9.72E-47	Neutrophils Litaf
Filip1l3	1.34E-49	1.110032	0.593	0.479	3.28E-45	Neutrophils Filip1l
Cfl13	2.03E-49	0.438499	0.844	0.764	4.97E-45	Neutrophils Cfl1
181003711	3.98E-49	1.180655	0.469	0.341	9.74E-45	Neutrophils 1810037117Rik
Lasp1	5.58E-49	1.21688	0.401	0.255	1.37E-44	Neutrophils Lasp1
Cdk11b	1.21E-48	1.346812	0.354	0.209	2.97E-44	Neutrophils Cdk11b
Mctp12	1.27E-47	0.774144	0.51	0.338	3.12E-43	Neutrophils Mctp1
Capza11	1.67E-47	0.987511	0.525	0.398	4.10E-43	Neutrophils Capza1
Ap3s1	7.58E-47	1.369611	0.337	0.202	1.86E-42	Neutrophils Ap3s1
Ptpre2	9.03E-47	1.115143	0.483	0.342	2.21E-42	Neutrophils Ptpre
Stk38	1.31E-46	1.301564	0.365	0.222	3.21E-42	Neutrophils Stk38
Pfkfb4	1.65E-45	1.565736	0.282	0.153	4.05E-41	Neutrophils Pfkfb4
Enpp22	1.67E-45	1.397434	0.376	0.227	4.10E-41	Neutrophils Enpp2

Sep-91	2.56E-44	1.396789	0.266	0.141	6.26E-40	Neutrophils	9-Sep
Smim41	9.78E-44	1.587999	0.253	0.132	2.40E-39	Neutrophils	Smim4
Hk32	1.03E-43	1.135027	0.402	0.263	2.52E-39	Neutrophils	Hk3
Sqor	4.60E-42	1.236701	0.328	0.196	1.13E-37	Neutrophils	Sqor
Sun22	1.30E-39	1.132119	0.387	0.258	3.18E-35	Neutrophils	Sun2
AY0361182	1.39E-39	0.644608	0.868	0.806	3.41E-35	Neutrophils	AY036118
Serp12	1.40E-39	1.091622	0.485	0.361	3.43E-35	Neutrophils	Serp1
Gnb21	4.64E-39	0.649811	0.662	0.584	1.14E-34	Neutrophils	Gnb2
D1Ert622e	6.01E-39	1.479594	0.254	0.138	1.47E-34	Neutrophils	D1Ert622e
Arhgef11	1.34E-38	1.06176	0.409	0.28	3.29E-34	Neutrophils	Arhgef1
Ppp1cb	1.04E-37	1.134302	0.31	0.184	2.56E-33	Neutrophils	Ppp1cb
Clec4a23	1.56E-37	1.01063	0.39	0.258	3.81E-33	Neutrophils	Clec4a2
Tpm41	2.58E-37	1.579938	0.276	0.165	6.32E-33	Neutrophils	Tpm4
Gnai3	1.53E-36	1.210077	0.28	0.161	3.75E-32	Neutrophils	Gnai3
Eif4ebp12	5.07E-36	1.389948	0.326	0.208	1.24E-31	Neutrophils	Eif4ebp1
Fgd4	1.09E-35	1.082944	0.321	0.193	2.68E-31	Neutrophils	Fgd4
Syk1	2.66E-35	1.114323	0.464	0.349	6.51E-31	Neutrophils	Syk
Limd23	5.48E-35	0.728294	0.662	0.599	1.34E-30	Neutrophils	Limd2
Rp9	8.59E-35	1.139689	0.419	0.302	2.10E-30	Neutrophils	Rp9
Supt4a1	9.29E-35	1.239481	0.423	0.306	2.28E-30	Neutrophils	Supt4a
H2afz1	9.37E-35	1.055008	0.617	0.575	2.30E-30	Neutrophils	H2afz
Gpcpd1	1.09E-34	1.320724	0.366	0.251	2.68E-30	Neutrophils	Gpcpd1
Cmip1	1.59E-34	0.922001	0.502	0.382	3.88E-30	Neutrophils	Cmip
Cyba4	9.22E-34	0.312138	0.904	0.861	2.26E-29	Neutrophils	Cyba
Msl1	4.44E-33	1.169951	0.307	0.191	1.09E-28	Neutrophils	Msl1
Dusp14	8.92E-33	1.12602	0.507	0.384	2.18E-28	Neutrophils	Dusp1
Cox171	1.18E-32	0.96316	0.456	0.348	2.88E-28	Neutrophils	Cox17
S100a132	1.35E-32	1.129349	0.338	0.226	3.31E-28	Neutrophils	S100a13
Tprgl	2.26E-32	1.167023	0.375	0.262	5.53E-28	Neutrophils	Tprgl
Abrac1	3.78E-32	1.085873	0.395	0.291	9.26E-28	Neutrophils	Abrac1
St3gal52	1.08E-30	0.794279	0.473	0.362	2.66E-26	Neutrophils	St3gal5
Mbp3	2.49E-30	0.85805	0.44	0.316	6.09E-26	Neutrophils	Mbp
Tubb4b	2.60E-30	1.368065	0.272	0.17	6.37E-26	Neutrophils	Tubb4b
Lrrfip2	2.69E-30	1.187632	0.255	0.149	6.58E-26	Neutrophils	Lrrfip2
Mbd23	2.85E-30	1.07545	0.363	0.254	6.99E-26	Neutrophils	Mbd2
Ywhaz	3.26E-30	0.588534	0.635	0.56	7.99E-26	Neutrophils	Ywhaz
Pacs11	4.20E-30	1.097874	0.325	0.212	1.03E-25	Neutrophils	Pacs1
Tsc22d33	4.65E-30	1.057365	0.417	0.299	1.14E-25	Neutrophils	Tsc22d3
Aprt2	9.06E-30	1.089799	0.375	0.274	2.22E-25	Neutrophils	Aprt
Pde4d	1.05E-29	1.009522	0.263	0.153	2.57E-25	Neutrophils	Pde4d
Tgfb2	1.37E-29	0.985969	0.316	0.202	3.35E-25	Neutrophils	Tgfb
Rnaseh2c2	1.93E-29	1.171571	0.329	0.227	4.73E-25	Neutrophils	Rnaseh2c
Atxn101	2.31E-29	0.927289	0.456	0.358	5.67E-25	Neutrophils	Atxn10
Akap131	3.26E-29	0.786042	0.582	0.496	7.98E-25	Neutrophils	Akap13

Hcls11	1.51E-28	0.849598	0.511	0.413	3.71E-24	Neutrophils Hcls1
Mdh23	2.06E-28	0.899675	0.452	0.355	5.05E-24	Neutrophils Mdh2
Btg12	2.77E-28	1.161647	0.588	0.531	6.78E-24	Neutrophils Btg1
Ldha3	1.19E-27	0.710537	0.524	0.445	2.92E-23	Neutrophils Ldha
Ppp2cb	5.82E-27	1.16725	0.277	0.176	1.43E-22	Neutrophils Ppp2cb
Baz2b1	6.27E-27	0.771767	0.491	0.384	1.54E-22	Neutrophils Baz2b
Lst13	9.14E-27	0.720294	0.643	0.537	2.24E-22	Neutrophils Lst1
Pgam13	1.00E-26	0.859743	0.439	0.349	2.45E-22	Neutrophils Pgam1
Ssu721	1.07E-26	0.910422	0.458	0.367	2.63E-22	Neutrophils Ssu72
Cript1	1.18E-26	1.166529	0.287	0.185	2.90E-22	Neutrophils Cript
Tecr2	2.06E-26	0.76783	0.53	0.475	5.04E-22	Neutrophils Tecr
Tle52	2.09E-26	0.694322	0.487	0.405	5.12E-22	Neutrophils Tle5
Znhit12	2.43E-26	1.156164	0.294	0.193	5.96E-22	Neutrophils Znhit1
Phf20l11	2.64E-26	0.931945	0.408	0.301	6.47E-22	Neutrophils Phf20l1
Dazap22	2.83E-26	0.83588	0.536	0.455	6.93E-22	Neutrophils Dazap2
Rnf11	3.38E-26	1.376602	0.261	0.165	8.27E-22	Neutrophils Rnf11
Mxi1	3.73E-26	1.053062	0.29	0.185	9.13E-22	Neutrophils Mxi1
Cpd1	5.26E-26	1.310614	0.269	0.172	1.29E-21	Neutrophils Cpd
Atp5e2	6.37E-26	0.487807	0.724	0.651	1.56E-21	Neutrophils Atp5e
Tyrobp2	8.09E-26	0.495868	0.956	0.916	1.98E-21	Neutrophils Tyrobp
Ppp1r12a1	9.33E-26	0.726097	0.511	0.42	2.28E-21	Neutrophils Ppp1r12a
Degs11	1.24E-25	1.10741	0.342	0.244	3.03E-21	Neutrophils Degs1
Gm199512	1.43E-25	0.912387	0.462	0.365	3.50E-21	Neutrophils Gm19951
Sp1002	1.45E-25	0.851615	0.385	0.277	3.56E-21	Neutrophils Sp100
Rapgef61	1.46E-25	1.02251	0.383	0.281	3.58E-21	Neutrophils Rapgef6
Ube2d31	4.40E-25	0.613424	0.591	0.528	1.08E-20	Neutrophils Ube2d3
Klf132	4.83E-25	0.846891	0.414	0.311	1.18E-20	Neutrophils Klf13
Cdk83	7.33E-25	0.489307	0.932	0.902	1.80E-20	Neutrophils Cdk8
Rchy1	1.50E-24	1.259603	0.266	0.172	3.68E-20	Neutrophils Rchy1
Ubl53	1.73E-24	0.681812	0.558	0.484	4.23E-20	Neutrophils Ubl5
Tln12	2.14E-24	0.600903	0.551	0.478	5.25E-20	Neutrophils Tln1
Cotl11	2.52E-24	0.593376	0.593	0.514	6.18E-20	Neutrophils Cotl1
Gphn2	7.75E-24	0.64983	0.703	0.641	1.90E-19	Neutrophils Gphn
Trpm21	8.09E-24	1.313864	0.274	0.185	1.98E-19	Neutrophils Trpm2
Akna	1.06E-23	1.026437	0.311	0.213	2.59E-19	Neutrophils Akna
Elob4	1.18E-23	0.611846	0.588	0.525	2.90E-19	Neutrophils Elob
Prkcb1	2.64E-23	0.545922	0.599	0.517	6.46E-19	Neutrophils Prkcb
Snap231	3.46E-23	1.564884	0.33	0.251	8.47E-19	Neutrophils Snap23
Atp6v1e12	4.10E-23	0.909918	0.38	0.29	1.00E-18	Neutrophils Atp6v1e1
Cdc421	4.73E-23	0.424548	0.763	0.732	1.16E-18	Neutrophils Cdc42
Raf1	7.87E-23	1.296022	0.278	0.188	1.93E-18	Neutrophils Raf1
Hbb-bs1	1.39E-22	0.504198	0.259	0.162	3.40E-18	Neutrophils Hbb-bs
Tpd521	1.77E-22	1.202018	0.476	0.429	4.33E-18	Neutrophils Tpd52
Prelid13	3.27E-22	0.815216	0.422	0.337	8.01E-18	Neutrophils Prelid1

Sgms1	4.14E-22	1.098093	0.275	0.186	1.01E-17	Neutrophils Sgms1
D8ErtD738e	1.30E-21	0.827238	0.512	0.445	3.17E-17	Neutrophils D8ErtD738e
Rcsd11	1.71E-21	0.742658	0.473	0.375	4.20E-17	Neutrophils Rcsd1
Pten2	1.96E-21	0.760185	0.517	0.445	4.80E-17	Neutrophils Pten
Arfgef1	2.28E-21	0.949668	0.282	0.188	5.59E-17	Neutrophils Arfgef1
Stxbp22	4.68E-21	1.175747	0.259	0.174	1.15E-16	Neutrophils Stxbp2
Gm155643	1.15E-20	1.124538	0.319	0.231	2.81E-16	Neutrophils Gm15564
Rbfa2	1.19E-20	1.0986	0.273	0.187	2.92E-16	Neutrophils Rbfa
Cebpb3	2.68E-20	0.915127	0.599	0.54	6.56E-16	Neutrophils Cebpb
Mtmr31	6.15E-20	0.755591	0.35	0.252	1.51E-15	Neutrophils Mtmr3
Arrb21	9.99E-20	0.632831	0.564	0.53	2.45E-15	Neutrophils Arrb2
Rhog1	2.34E-19	0.497841	0.677	0.633	5.73E-15	Neutrophils Rhog
Ptgs2	3.33E-19	0.382038	0.35	0.254	8.16E-15	Neutrophils Ptgs
Mapk3	3.37E-19	0.830793	0.412	0.333	8.24E-15	Neutrophils Mapk3
Samsn12	4.21E-19	0.882764	0.335	0.245	1.03E-14	Neutrophils Samsn1
Smim143	4.61E-19	0.814783	0.385	0.306	1.13E-14	Neutrophils Smim14
Stim1	4.96E-19	0.990545	0.253	0.167	1.21E-14	Neutrophils Stim1
Slc40a12	6.32E-19	0.737538	0.316	0.221	1.55E-14	Neutrophils Slc40a1
Ap1s21	1.08E-18	0.957682	0.25	0.167	2.65E-14	Neutrophils Ap1s2
Ndufb93	1.62E-18	0.622701	0.519	0.451	3.97E-14	Neutrophils Ndufb9
Herc41	2.21E-18	1.00927	0.343	0.261	5.41E-14	Neutrophils Herc4
Far1	2.37E-18	0.927106	0.279	0.193	5.81E-14	Neutrophils Far1
Ppp1ca1	2.63E-18	0.595111	0.517	0.465	6.43E-14	Neutrophils Ppp1ca
Mt32	3.49E-18	0.738392	0.306	0.219	8.55E-14	Neutrophils Mt3
Hpcal13	1.59E-17	0.864895	0.342	0.262	3.88E-13	Neutrophils Hpcal1
Spi11	5.99E-17	0.475791	0.728	0.706	1.47E-12	Neutrophils Spi1
Ncor11	3.31E-16	0.678817	0.476	0.414	8.11E-12	Neutrophils Ncor1
Tnrc6b1	6.12E-16	0.644119	0.444	0.365	1.50E-11	Neutrophils Tnrc6b
Mark21	6.33E-16	0.722431	0.322	0.24	1.55E-11	Neutrophils Mark2
Preb	1.76E-15	1.181667	0.265	0.195	4.31E-11	Neutrophils Preb
Tut7	3.00E-15	0.876217	0.351	0.28	7.35E-11	Neutrophils Tut7
Ypel32	3.63E-15	0.729561	0.591	0.582	8.89E-11	Neutrophils Ypel3
Tbc1d81	3.64E-15	0.703476	0.323	0.242	8.90E-11	Neutrophils Tbc1d8
Rock11	3.88E-15	0.758482	0.38	0.309	9.50E-11	Neutrophils Rock1
Aurkaip14	8.50E-15	0.822008	0.335	0.263	2.08E-10	Neutrophils Aurkaip1
Npepps	1.12E-14	0.747888	0.291	0.213	2.75E-10	Neutrophils Npepps
Tmem1341	2.26E-14	0.884849	0.325	0.255	5.53E-10	Neutrophils Tmem134
Bnip3l1	2.63E-14	0.655229	0.418	0.358	6.44E-10	Neutrophils Bnip3l
Ppp3ca1	3.64E-14	0.457544	0.593	0.549	8.91E-10	Neutrophils Ppp3ca
Lrrfip1	3.95E-14	0.690793	0.382	0.313	9.68E-10	Neutrophils Lrrfip1
Anp32a2	5.09E-14	0.730446	0.41	0.351	1.25E-09	Neutrophils Anp32a
Rab21	6.65E-14	0.851319	0.305	0.236	1.63E-09	Neutrophils Rab21
Wdr11	1.02E-13	0.681389	0.421	0.366	2.49E-09	Neutrophils Wdr1
Jarid22	1.20E-13	0.767593	0.4	0.335	2.93E-09	Neutrophils Jarid2

Chmp2a2	4.44E-13	0.784778	0.369	0.309	1.09E-08	Neutrophils	Chmp2a
Pde4b1	4.63E-13	1.133295	0.297	0.233	1.13E-08	Neutrophils	Pde4b
Fes	8.71E-13	0.778787	0.381	0.321	2.13E-08	Neutrophils	Fes
Myo1f1	1.12E-12	0.436524	0.656	0.628	2.74E-08	Neutrophils	Myo1f
Ogfrl1	1.75E-12	0.716487	0.392	0.331	4.28E-08	Neutrophils	Ogfrl1
Vamp83	2.30E-12	0.37346	0.635	0.596	5.62E-08	Neutrophils	Vamp8
Fgfr2	2.84E-12	0.843631	0.263	0.196	6.95E-08	Neutrophils	Fgfr2
Tsc22d41	3.48E-12	0.60498	0.467	0.42	8.53E-08	Neutrophils	Tsc22d4
Map3k51	3.53E-12	0.940346	0.327	0.263	8.65E-08	Neutrophils	Map3k5
Tax1bp11	9.24E-12	0.694341	0.406	0.353	2.26E-07	Neutrophils	Tax1bp1
Gm480993	1.62E-11	0.794612	0.334	0.275	3.96E-07	Neutrophils	Gm48099
Ogt1	3.23E-11	0.966012	0.313	0.26	7.91E-07	Neutrophils	Ogt
Cklf2	3.54E-11	0.676053	0.313	0.25	8.67E-07	Neutrophils	Cklf
Ankrd121	5.03E-11	0.608543	0.317	0.252	1.23E-06	Neutrophils	Ankrd12
Ndufb112	5.74E-11	0.527794	0.468	0.433	1.41E-06	Neutrophils	Ndufb11
Sf3b22	6.80E-11	0.631106	0.42	0.376	1.67E-06	Neutrophils	Sf3b2
Oga	7.08E-11	0.833944	0.255	0.195	1.73E-06	Neutrophils	Oga
Stk4	7.98E-11	0.704333	0.35	0.291	1.95E-06	Neutrophils	Stk4
Atp5h2	1.77E-10	0.353756	0.574	0.555	4.34E-06	Neutrophils	Atp5h
Znrf11	4.06E-10	0.655295	0.286	0.222	9.95E-06	Neutrophils	Znrf1
Cox7a24	4.69E-10	0.4596	0.492	0.464	1.15E-05	Neutrophils	Cox7a2
Tmem1641	5.63E-10	0.647384	0.343	0.286	1.38E-05	Neutrophils	Tmem164
Ncoa41	6.03E-10	0.767569	0.256	0.198	1.48E-05	Neutrophils	Ncoa4
Zc3h7a2	8.01E-10	0.574594	0.514	0.493	1.96E-05	Neutrophils	Zc3h7a
Sik3	8.46E-10	0.714509	0.263	0.203	2.07E-05	Neutrophils	Sik3
Timm10b1	9.88E-10	0.699253	0.469	0.435	2.42E-05	Neutrophils	Timm10b
Ralbp11	1.22E-09	0.692064	0.296	0.238	2.99E-05	Neutrophils	Ralbp1
Sec61b2	1.54E-09	0.406111	0.507	0.465	3.78E-05	Neutrophils	Sec61b
Add11	1.86E-09	0.626368	0.301	0.243	4.56E-05	Neutrophils	Add1
Rhoa1	2.15E-09	0.294163	0.709	0.69	5.27E-05	Neutrophils	Rhoa
Gabarapl2	2.98E-09	0.56857	0.418	0.379	7.29E-05	Neutrophils	Gabarapl2
Txndc173	3.22E-09	0.546598	0.36	0.312	7.88E-05	Neutrophils	Txndc17
Mtpn1	3.43E-09	0.737667	0.283	0.229	8.40E-05	Neutrophils	Mtpn
Ndufa31	3.84E-09	0.605517	0.422	0.382	9.40E-05	Neutrophils	Ndufa3
Aip1	4.16E-09	0.749168	0.259	0.205	0.000102	Neutrophils	Aip
N4bp12	4.55E-09	0.856112	0.294	0.24	0.000112	Neutrophils	N4bp1
Bbip1	5.55E-09	0.753273	0.284	0.231	0.000136	Neutrophils	Bbip1
Rab8a1	6.08E-09	0.949391	0.253	0.205	0.000149	Neutrophils	Rab8a
Psmb32	1.38E-08	0.476789	0.436	0.403	0.000339	Neutrophils	Psmb3
Itgb21	2.07E-08	0.370234	0.577	0.59	0.000507	Neutrophils	Itgb2
Dynll12	2.43E-08	0.585576	0.448	0.421	0.000594	Neutrophils	Dynll1
Camk1d2	3.84E-08	0.286541	0.813	0.809	0.000941	Neutrophils	Camk1d
Ywhab1	8.65E-08	0.558107	0.381	0.35	0.002119	Neutrophils	Ywhab
Eif51	1.08E-07	0.604902	0.388	0.349	0.002634	Neutrophils	Eif5

Msn1	1.14E-07	0.346599	0.612	0.594	0.002796	Neutrophils Msn
Mir142hg1	1.18E-07	0.264285	0.629	0.593	0.002894	Neutrophils Mir142hg
Pbxip1	1.39E-07	0.870693	0.29	0.251	0.003393	Neutrophils Pbxip1
Fgl23	1.67E-07	0.531665	0.185	0.278	0.004085	Neutrophils Fgl2
Nsd31	2.77E-07	0.704608	0.36	0.324	0.006779	Neutrophils Nsd3
Mkrn12	2.96E-07	0.525154	0.343	0.302	0.007254	Neutrophils Mkrn1
Rtp43	3.94E-07	0.481891	0.171	0.252	0.009644	Neutrophils Rtp4
Rgs192	4.94E-07	0.583086	0.366	0.337	0.012108	Neutrophils Rgs19
Mafg2	5.30E-07	0.542758	0.297	0.248	0.012976	Neutrophils Mafg
Ndufa15	6.46E-07	0.546746	0.372	0.332	0.015818	Neutrophils Ndufa1
Cop11	6.62E-07	0.5898	0.263	0.214	0.016222	Neutrophils Cop1
Ptpn63	7.42E-07	0.43904	0.533	0.516	0.018178	Neutrophils Ptpn6
Tomm63	9.61E-07	0.356275	0.549	0.535	0.023528	Neutrophils Tomm6
Il162	9.71E-07	0.523457	0.31	0.267	0.023778	Neutrophils Il16
Ptbp31	1.13E-06	0.432312	0.502	0.487	0.027731	Neutrophils Ptbp3
Csnk2b2	1.19E-06	0.508235	0.372	0.339	0.029081	Neutrophils Csnk2b
4932438A1	1.57E-06	0.777114	0.253	0.21	0.03847	Neutrophils 4932438A13Rik
Cox5b3	2.14E-06	0.299049	0.566	0.548	0.052424	Neutrophils Cox5b
Mrps212	2.42E-06	0.538185	0.379	0.347	0.059227	Neutrophils Mrps21
Gng124	2.43E-06	0.57785	0.338	0.3	0.059502	Neutrophils Gng12
Ndufa133	3.20E-06	0.324803	0.555	0.538	0.078352	Neutrophils Ndufa13
Cited24	3.45E-06	0.304892	0.338	0.295	0.084388	Neutrophils Cited2
Stk24	3.51E-06	0.464823	0.261	0.216	0.086023	Neutrophils Stk24
Arf51	3.70E-06	0.336079	0.506	0.484	0.090626	Neutrophils Arf5
Tnfaip82	4.03E-06	0.489349	0.364	0.327	0.098661	Neutrophils Tnfaip8
Atp5j4	4.29E-06	0.329843	0.552	0.546	0.105131	Neutrophils Atp5j
Rnf10	5.06E-06	0.591656	0.259	0.218	0.124011	Neutrophils Rnf10
Leptrotl12	5.68E-06	0.611026	0.314	0.278	0.139208	Neutrophils Leptrotl1
Mrtfa1	7.11E-06	0.445624	0.278	0.233	0.174062	Neutrophils Mrtfa
Jak11	8.74E-06	0.515341	0.432	0.412	0.21394	Neutrophils Jak1
Dock111	1.05E-05	0.525115	0.341	0.304	0.256078	Neutrophils Dock11
Baz1a1	1.28E-05	0.556759	0.26	0.223	0.313952	Neutrophils Baz1a
Rnf1491	1.54E-05	1.341908	0.257	0.237	0.377426	Neutrophils Rnf149
Atp5f11	1.55E-05	0.361732	0.497	0.486	0.379519	Neutrophils Atp5f1
Hcfc1r14	3.37E-05	0.533904	0.3	0.267	0.824569	Neutrophils Hcfc1r1
Skap21	3.58E-05	0.359753	0.573	0.567	0.876629	Neutrophils Skap2
Klf63	4.21E-05	0.406549	0.401	0.373	1	Neutrophils Klf6
Pak21	4.54E-05	0.469341	0.423	0.405	1	Neutrophils Pak2
Fgfr1op2	4.92E-05	0.579026	0.298	0.268	1	Neutrophils Fgfr1op2
Asxl11	5.06E-05	0.47375	0.27	0.231	1	Neutrophils Asxl1
Cbl1	6.22E-05	0.433198	0.396	0.372	1	Neutrophils Cbl
Srp92	8.12E-05	0.522063	0.385	0.372	1	Neutrophils Srp9
Dctn32	9.90E-05	0.56237	0.307	0.279	1	Neutrophils Dctn3
Atf7ip1	0.000177	0.616245	0.304	0.276	1	Neutrophils Atf7ip

Ndufb1-ps1	0.000228	0.491703	0.324	0.301	1 Neutrophils Ndufb1-ps
Actr21	0.000271	0.345422	0.506	0.503	1 Neutrophils Actr2
Hectd11	0.000277	0.689781	0.299	0.277	1 Neutrophils Hectd1
Rab2a	0.000282	0.301074	0.521	0.524	1 Neutrophils Rab2a
Fam104a1	0.000335	0.731907	0.261	0.235	1 Neutrophils Fam104a
Rab241	0.000717	0.518332	0.269	0.242	1 Neutrophils Rab24
Arhgap41	0.0008	0.408012	0.3	0.27	1 Neutrophils Arhgap4
Lims11	0.000842	0.357259	0.461	0.467	1 Neutrophils Lims1
Stk10	0.000972	0.423833	0.32	0.298	1 Neutrophils Stk10
Arhgap301	0.000977	0.544822	0.345	0.33	1 Neutrophils Arhgap30
Gdi12	0.001033	0.490387	0.269	0.244	1 Neutrophils Gdi1
Cd473	0.00124	0.327222	0.461	0.463	1 Neutrophils Cd47
Ubald22	0.001299	0.748966	0.303	0.29	1 Neutrophils Ubald2
H2afv1	0.001495	0.750926	0.26	0.248	1 Neutrophils H2afv
Tomm222	0.00157	0.487711	0.342	0.329	1 Neutrophils Tomm22
Syf21	0.002304	0.784944	0.258	0.242	1 Neutrophils Syf2
Osbpl91	0.002373	0.525492	0.366	0.359	1 Neutrophils Osbpl9
Ndufs53	0.002964	0.423455	0.347	0.335	1 Neutrophils Ndufs5
Chmp4b4	0.003529	0.394846	0.474	0.468	1 Neutrophils Chmp4b
Tspan132	0.003683	0.411001	0.287	0.37	1 Neutrophils Tspan13
Twf22	0.004116	0.312586	0.433	0.43	1 Neutrophils Twf2
Ost42	0.005741	0.32265	0.501	0.501	1 Neutrophils Ost4
Ccdc122	0.006252	0.325747	0.454	0.456	1 Neutrophils Ccdc12
Resf12	0.006289	0.862628	0.266	0.258	1 Neutrophils Resf1
Ap2s13	0.006698	0.401262	0.313	0.302	1 Neutrophils Ap2s1
Ube2s3	0.006704	0.762857	0.263	0.257	1 Neutrophils Ube2s
Vps281	0.008223	0.462844	0.405	0.408	1 Neutrophils Vps28
Srp142	0.008975	0.378759	0.379	0.369	1 Neutrophils Srp14
Dennd5a1	0.009534	0.467319	0.294	0.281	1 Neutrophils Dennd5a
Plac81	0	3.809755	0.681	0.074	0 Nonclassic Plac8
Cytip1	0	4.097823	0.648	0.068	0 Nonclassic Cytip
Adgre52	0	4.413724	0.628	0.063	0 Nonclassic Adgre5
Napsa1	0	3.898679	0.602	0.054	0 Nonclassic Napsa
Nr4a1	0	4.731672	0.605	0.063	0 Nonclassic Nr4a1
Ifitm23	0	3.048176	0.732	0.196	0 Nonclassic Ifitm2
Ifitm61	0	3.216718	0.573	0.037	0 Nonclassic Ifitm6
Gsr1	0	3.394842	0.655	0.122	0 Nonclassic Gsr
Itga42	0	3.804916	0.631	0.099	0 Nonclassic Itga4
S100a62	0	2.256788	0.639	0.108	0 Nonclassic S100a6
Nedd92	0	4.206651	0.609	0.078	0 Nonclassic Nedd9
Lsp12	0	2.720153	0.717	0.191	0 Nonclassic Lsp1
Fgr2	0	3.919209	0.61	0.09	0 Nonclassic Fgr
Iqgap13	0	2.875948	0.654	0.155	0 Nonclassic Iqgap1
Flna2	0	3.229145	0.677	0.183	0 Nonclassic Flna

Msrb12	0	2.940241	0.671	0.18	0 Nonclassic Msrb1
S100a41	0	4.054429	0.538	0.048	0 Nonclassic S100a4
Lgals33	0	2.557179	0.663	0.179	0 Nonclassic Lgals3
Cybb4	0	2.698126	0.703	0.223	0 Nonclassic Cybb
Fxyd52	0	2.329585	0.759	0.281	0 Nonclassic Fxyd5
Itgal2	0	4.278309	0.551	0.079	0 Nonclassic Itgal
Anxa22	0	2.717215	0.575	0.129	0 Nonclassic Anxa2
Klf24	0	2.256499	0.66	0.216	0 Nonclassic Klf2
Adgre4	0	7.218089	0.449	0.009	0 Nonclassic Adgre4
Ace	0	6.016123	0.454	0.015	0 Nonclassic Ace
Crip11	0	3.06673	0.611	0.173	0 Nonclassic Crip1
Ldlrad3	0	5.131804	0.461	0.031	0 Nonclassic Ldlrad3
Gpr1411	0	4.272373	0.466	0.039	0 Nonclassic Gpr141
Emp33	0	2.496015	0.637	0.211	0 Nonclassic Emp3
Ahnak2	0	3.271121	0.519	0.097	0 Nonclassic Ahnak
S100a112	0	1.107341	0.563	0.142	0 Nonclassic S100a11
Vim2	0	2.439866	0.608	0.188	0 Nonclassic Vim
Plbd12	0	2.197544	0.53	0.111	0 Nonclassic Plbd1
Gm361611	0	4.033444	0.464	0.047	0 Nonclassic Gm36161
Smpdl3a1	0	3.304859	0.548	0.137	0 Nonclassic Smpdl3a
Cnn22	0	2.349877	0.525	0.114	0 Nonclassic Cnn2
Emilin21	0	4.421142	0.446	0.037	0 Nonclassic Emilin2
Gda1	0	3.477453	0.453	0.045	0 Nonclassic Gda
Metrn11	0	3.874963	0.484	0.076	0 Nonclassic Metrn1
Myo1g1	0	3.227829	0.521	0.114	0 Nonclassic Myo1g
Apoc21	0	4.651007	0.474	0.068	0 Nonclassic Apoc2
Arhgap153	0	1.856383	0.671	0.27	0 Nonclassic Arhgap15
Cd442	0	2.603965	0.589	0.19	0 Nonclassic Cd44
Zfyve9	0	3.695353	0.461	0.07	0 Nonclassic Zfyve9
Pglyrp11	0	2.504496	0.431	0.04	0 Nonclassic Pglyrp1
Gm15987	0	5.126451	0.411	0.021	0 Nonclassic Gm15987
Ifitm34	0	2.63715	0.81	0.422	0 Nonclassic Ifitm3
Rap1gap21	0	3.475628	0.485	0.098	0 Nonclassic Rap1gap2
Trps12	0	2.562371	0.544	0.159	0 Nonclassic Trps1
Gm211881	0	3.926041	0.433	0.049	0 Nonclassic Gm21188
Hp1	0	3.134463	0.408	0.03	0 Nonclassic Hp
Plaur3	0	2.577517	0.542	0.166	0 Nonclassic Plaur
Clec4a12	0	3.175539	0.455	0.082	0 Nonclassic Clec4a1
Ear2	0	6.425097	0.376	0.011	0 Nonclassic Ear2
Grk5	0	4.180625	0.403	0.04	0 Nonclassic Grk5
Stk101	0	2.478814	0.649	0.287	0 Nonclassic Stk10
Klra21	0	3.079801	0.426	0.067	0 Nonclassic Klra2
Cyp4f182	0	2.886849	0.447	0.092	0 Nonclassic Cyp4f18
Rasgrp21	0	4.441368	0.372	0.026	0 Nonclassic Rasgrp2

Vav33	0	3.122567	0.415	0.071	0 Nonclassic Vav3
Rara	0	4.006869	0.377	0.036	0 Nonclassic Rara
Fam49a1	0	2.814561	0.479	0.139	0 Nonclassic Fam49a
Add31	0	2.490953	0.476	0.136	0 Nonclassic Add3
Spn	0	5.954355	0.35	0.013	0 Nonclassic Spn
Arhgap26	0	3.102399	0.4	0.064	0 Nonclassic Arhgap26
Sirpb1c1	0	4.483057	0.357	0.025	0 Nonclassic Sirpb1c
Xylt11	0	2.644369	0.422	0.09	0 Nonclassic Xylt1
Diaph12	0	2.448145	0.463	0.134	0 Nonclassic Diaph1
Emb2	0	2.839207	0.386	0.066	0 Nonclassic Emb
Trem14	0	6.207473	0.33	0.012	0 Nonclassic Trem14
Klf4	0	2.928811	0.385	0.07	0 Nonclassic Klf4
Cd244a	0	4.170984	0.352	0.04	0 Nonclassic Cd244a
Stap1	0	4.392827	0.343	0.032	0 Nonclassic Stap1
Gm9733	0	5.001263	0.325	0.014	0 Nonclassic Gm9733
Xdh2	0	2.715088	0.406	0.099	0 Nonclassic Xdh
Sirpb1b1	0	3.704165	0.334	0.032	0 Nonclassic Sirpb1b
Hip11	0	2.937726	0.388	0.088	0 Nonclassic Hip1
Tmsb101	0	2.539408	0.927	0.631	0 Nonclassic Tmsb10
Tmem511	0	3.624394	0.357	0.061	0 Nonclassic Tmem51
Ccdc88c	0	4.64409	0.31	0.014	0 Nonclassic Ccdc88c
Unc1191	0	3.273628	0.335	0.049	0 Nonclassic Unc119
Alcam	0	2.671549	0.351	0.065	0 Nonclassic Alcam
Krt80	0	5.327095	0.298	0.015	0 Nonclassic Krt80
Ms4a4a2	0	2.342742	0.358	0.075	0 Nonclassic Ms4a4a
Ly6c22	0	2.441438	0.334	0.052	0 Nonclassic Ly6c2
Ccr21	0	2.745403	0.344	0.062	0 Nonclassic Ccr2
Arhgef37	0	6.510606	0.284	0.006	0 Nonclassic Arhgef37
Atp8b41	0	3.441126	0.314	0.037	0 Nonclassic Atp8b4
Agpat4	0	3.76128	0.322	0.045	0 Nonclassic Agpat4
Plcb1	0	4.345994	0.3	0.024	0 Nonclassic Plcb1
Sirpb1a1	0	4.06012	0.296	0.025	0 Nonclassic Sirpb1a
Cyfip21	0	3.341148	0.314	0.048	0 Nonclassic Cyfip2
Itgb7	0	3.261671	0.3	0.04	0 Nonclassic Itgb7
Dock51	0	3.868608	0.291	0.032	0 Nonclassic Dock5
Cebpb4	0	2.53806	0.791	0.534	0 Nonclassic Cebpb
Mob3b	0	3.124365	0.306	0.054	0 Nonclassic Mob3b
Hopx	0	3.028889	0.298	0.046	0 Nonclassic Hopx
St3gal1	0	3.270215	0.307	0.056	0 Nonclassic St3gal1
Ceacam1	0	3.086621	0.308	0.058	0 Nonclassic Ceacam1
Cd300ld	0	4.372222	0.271	0.021	0 Nonclassic Cd300ld
Gm5150	0	4.309054	0.258	0.012	0 Nonclassic Gm5150
Fn1	0	4.222954	0.285	0.042	0 Nonclassic Fn1
Sik1	0	3.254531	0.293	0.051	0 Nonclassic Sik1

Eno3	0	4.246505	0.254	0.032	0	Nonclassic Eno3
Cyp4f16	0	3.192994	0.267	0.047	0	Nonclassic Cyp4f16
Coro1a2	0	1.879182	0.844	0.624	0	Nonclassic Coro1a
Lyz24	0	2.174841	0.884	0.675	0	Nonclassic Lyz2
Gpx12	0	2.335836	0.868	0.698	0	Nonclassic Gpx1
H3f3a3	0	1.788641	0.833	0.67	0	Nonclassic H3f3a
Fam107b1	6.94E-301	2.287099	0.475	0.143	1.70E-296	Nonclassic Fam107b
Rasgrp41	1.53E-297	2.61935	0.304	0.061	3.74E-293	Nonclassic Rasgrp4
Klf133	4.15E-292	2.137277	0.644	0.304	1.02E-287	Nonclassic Klf13
Mgst13	6.13E-290	2.364806	0.33	0.073	1.50E-285	Nonclassic Mgst1
Cmss13	3.57E-289	1.260024	0.986	0.922	8.74E-285	Nonclassic Cmss1
Rras2	2.18E-281	2.785146	0.435	0.135	5.35E-277	Nonclassic Rras
S100a101	2.74E-274	2.620712	0.37	0.097	6.70E-270	Nonclassic S100a10
Cdk2ap22	1.04E-273	2.289192	0.633	0.304	2.55E-269	Nonclassic Cdk2ap2
Calm14	9.28E-273	1.467848	0.84	0.588	2.27E-268	Nonclassic Calm1
Srgn2	5.19E-270	1.616994	0.801	0.548	1.27E-265	Nonclassic Srgn
Arhgef10l	9.53E-259	2.694152	0.325	0.079	2.33E-254	Nonclassic Arhgef10l
Nadk3	1.94E-252	2.260959	0.563	0.242	4.76E-248	Nonclassic Nadk
Pfn12	2.34E-251	1.074246	0.913	0.83	5.72E-247	Nonclassic Pfn1
Anxa12	3.33E-250	1.087268	0.281	0.059	8.14E-246	Nonclassic Anxa1
Mrpl332	1.04E-246	2.125192	0.575	0.259	2.55E-242	Nonclassic Mrpl33
Plec	6.69E-246	2.73267	0.252	0.051	1.64E-241	Nonclassic Plec
Ms4a6c2	8.62E-245	1.875994	0.607	0.276	2.11E-240	Nonclassic Ms4a6c
Dipk1a	9.53E-245	2.551881	0.339	0.088	2.33E-240	Nonclassic Dipk1a
Samhd13	1.82E-244	1.950815	0.682	0.387	4.45E-240	Nonclassic Samhd1
Bcl2	5.39E-244	2.966723	0.3	0.072	1.32E-239	Nonclassic Bcl2
Atp1a32	2.19E-241	2.502803	0.372	0.108	5.37E-237	Nonclassic Atp1a3
Cblb	7.58E-240	2.381077	0.38	0.11	1.86E-235	Nonclassic Cblb
Grk3	1.21E-239	2.593116	0.416	0.135	2.96E-235	Nonclassic Grk3
Ppp2r5a1	1.51E-239	2.183854	0.506	0.194	3.70E-235	Nonclassic Ppp2r5a
Il17ra1	6.97E-239	2.119843	0.521	0.203	1.71E-234	Nonclassic Il17ra
Stk17b2	2.96E-235	2.04848	0.469	0.165	7.26E-231	Nonclassic Stk17b
Actg12	4.98E-228	1.205132	0.889	0.781	1.22E-223	Nonclassic Actg1
Ptpnc3	2.70E-224	1.55595	0.778	0.571	6.61E-220	Nonclassic Ptpnc3
Dok32	5.57E-222	1.982725	0.475	0.175	1.36E-217	Nonclassic Dok3
Arhgdib2	3.49E-221	1.262582	0.803	0.616	8.56E-217	Nonclassic Arhgdib
Prr132	6.20E-221	1.942015	0.62	0.328	1.52E-216	Nonclassic Prr13
Pla2g74	3.02E-220	1.84185	0.449	0.154	7.40E-216	Nonclassic Pla2g7
Clec12a2	5.41E-219	2.098266	0.309	0.078	1.33E-214	Nonclassic Clec12a
Rps27a3	5.94E-215	0.800054	0.955	0.907	1.46E-210	Nonclassic Rps27a
Sep-92	1.50E-211	2.328287	0.401	0.136	3.68E-207	Nonclassic 9-Sep
Myl63	1.68E-211	1.237129	0.806	0.605	4.12E-207	Nonclassic Myl6
Svil1	3.80E-209	1.948533	0.496	0.198	9.31E-205	Nonclassic Svil
Rpl84	4.46E-204	0.906382	0.904	0.793	1.09E-199	Nonclassic Rpl8

Sh3bgrl2	1.75E-203	2.141989	0.389	0.129	4.29E-199	Nonclassic	Sh3bgrl
Rps163	1.55E-201	0.771335	0.951	0.88	3.80E-197	Nonclassic	Rps16
Rpsa3	3.00E-200	0.831111	0.94	0.832	7.34E-196	Nonclassic	Rpsa
Gngt21	4.05E-200	2.360769	0.668	0.458	9.92E-196	Nonclassic	Gngt2
Rbms13	9.18E-200	1.870134	0.517	0.223	2.25E-195	Nonclassic	Rbms1
Msn2	3.76E-199	1.422298	0.773	0.589	9.20E-195	Nonclassic	Msn
Arpc22	4.90E-199	1.160254	0.818	0.707	1.20E-194	Nonclassic	Arpc2
Zyx2	7.20E-192	1.760959	0.539	0.25	1.76E-187	Nonclassic	Zyx
Arpc1b4	1.14E-190	1.114833	0.82	0.702	2.79E-186	Nonclassic	Arpc1b
St3gal41	9.75E-190	2.067561	0.367	0.12	2.39E-185	Nonclassic	St3gal4
Cdc42ep31	4.16E-189	2.298664	0.259	0.065	1.02E-184	Nonclassic	Cdc42ep3
Sem13	1.65E-188	1.352721	0.75	0.548	4.03E-184	Nonclassic	Sem1
Tpm42	2.21E-187	2.040963	0.424	0.16	5.42E-183	Nonclassic	Tpm4
Ucp23	8.20E-187	1.12343	0.831	0.727	2.01E-182	Nonclassic	Ucp2
Ccl61	6.87E-186	1.84541	0.651	0.402	1.68E-181	Nonclassic	Ccl6
Pot1b	5.54E-185	2.274416	0.403	0.147	1.36E-180	Nonclassic	Pot1b
Rps144	1.05E-181	0.819453	0.911	0.809	2.56E-177	Nonclassic	Rps14
Lgals12	1.13E-180	1.51472	0.436	0.158	2.78E-176	Nonclassic	Lgals1
Rps193	4.27E-179	0.870626	0.908	0.799	1.04E-174	Nonclassic	Rps19
Ywhaz1	6.59E-175	1.296068	0.753	0.556	1.61E-170	Nonclassic	Ywhaz
Pygl1	2.92E-174	1.92343	0.274	0.075	7.15E-170	Nonclassic	Pygl
Lars23	2.97E-174	1.079692	0.921	0.752	7.27E-170	Nonclassic	Lars2
Gm424183	1.75E-173	0.942266	1	0.982	4.29E-169	Nonclassic	Gm42418
Actr32	4.61E-171	1.198451	0.749	0.553	1.13E-166	Nonclassic	Actr3
Rap1b	2.68E-170	1.270821	0.807	0.703	6.56E-166	Nonclassic	Rap1b
Cers62	3.54E-170	1.92862	0.468	0.201	8.68E-166	Nonclassic	Cers6
B4galt5	3.20E-169	2.354005	0.279	0.08	7.83E-165	Nonclassic	B4galt5
Myl12b2	1.37E-164	1.150089	0.78	0.632	3.35E-160	Nonclassic	Myl12b
Ifi27l2a4	1.60E-163	1.809109	0.634	0.38	3.93E-159	Nonclassic	Ifi27l2a
Tln13	1.41E-161	1.438134	0.688	0.474	3.46E-157	Nonclassic	Tln1
Filip114	9.36E-160	1.452895	0.71	0.475	2.29E-155	Nonclassic	Filip1l
Rbpms	9.89E-160	2.233994	0.367	0.137	2.42E-155	Nonclassic	Rbpms
Stk241	4.92E-159	1.845962	0.47	0.21	1.20E-154	Nonclassic	Stk24
Sh3bgrl34	9.32E-158	0.915921	0.85	0.747	2.28E-153	Nonclassic	Sh3bgrl3
Tnfrsf1b2	1.35E-157	1.745264	0.596	0.348	3.31E-153	Nonclassic	Tnfrsf1b
Fmnl11	2.52E-156	1.575819	0.589	0.338	6.17E-152	Nonclassic	Fmnl1
Lilrb4a4	3.76E-155	1.545488	0.418	0.163	9.21E-151	Nonclassic	Lilrb4a
Slfn24	3.43E-154	1.530808	0.553	0.29	8.40E-150	Nonclassic	Slfn2
Ezr2	4.74E-154	2.11479	0.292	0.091	1.16E-149	Nonclassic	Ezr
Rps3a14	1.23E-153	0.642188	0.951	0.882	3.02E-149	Nonclassic	Rps3a1
Ptpre3	2.54E-153	1.748443	0.593	0.338	6.21E-149	Nonclassic	Ptpre
H2afj3	4.36E-153	1.494493	0.624	0.383	1.07E-148	Nonclassic	H2afj
Hmgb21	1.06E-152	1.597175	0.484	0.23	2.60E-148	Nonclassic	Hmgb2
Rpl183	1.09E-151	0.735257	0.911	0.838	2.67E-147	Nonclassic	Rpl18

Plin23	2.81E-151	1.845922	0.467	0.218	6.89E-147	Nonclassic Plin2
Ptpn121	2.43E-150	2.102369	0.296	0.095	5.94E-146	Nonclassic Ptpn12
Rpl93	1.04E-149	0.652524	0.936	0.875	2.56E-145	Nonclassic Rpl9
Rplp03	1.35E-147	0.760159	0.921	0.841	3.31E-143	Nonclassic Rplp0
Rps244	1.58E-146	0.584645	0.968	0.928	3.87E-142	Nonclassic Rps24
Pirb3	3.07E-146	1.907122	0.376	0.149	7.53E-142	Nonclassic Pirb
Mbp4	3.85E-146	1.155456	0.605	0.311	9.42E-142	Nonclassic Mbp
Clec4a33	1.51E-144	1.754161	0.529	0.283	3.69E-140	Nonclassic Clec4a3
Eif13	2.03E-144	0.752831	0.886	0.833	4.97E-140	Nonclassic Eif1
Stk381	1.04E-143	1.80991	0.464	0.219	2.56E-139	Nonclassic Stk38
Taldo13	1.97E-142	1.336139	0.662	0.479	4.83E-138	Nonclassic Taldo1
Bri3bp	1.17E-140	2.116195	0.332	0.123	2.86E-136	Nonclassic Bri3bp
Mndal2	1.07E-139	1.808844	0.27	0.083	2.63E-135	Nonclassic Mndal
Rps53	7.67E-138	0.648895	0.934	0.851	1.88E-133	Nonclassic Rps5
Serf24	9.72E-138	0.847317	0.849	0.759	2.38E-133	Nonclassic Serf2
Fam129a2	1.05E-137	1.708354	0.378	0.15	2.56E-133	Nonclassic Fam129a
Alox5ap3	1.54E-137	1.285807	0.744	0.648	3.77E-133	Nonclassic Alox5ap
Tpt14	8.56E-137	0.607347	0.955	0.896	2.10E-132	Nonclassic Tpt1
Fau3	1.80E-135	0.581186	0.976	0.939	4.40E-131	Nonclassic Fau
Il31ra3	1.99E-135	1.104253	0.817	0.611	4.86E-131	Nonclassic Il31ra
Jarid23	1.63E-134	1.523103	0.572	0.329	3.98E-130	Nonclassic Jarid2
Prdx53	2.15E-134	1.111175	0.74	0.587	5.27E-130	Nonclassic Prdx5
Wfdc172	2.93E-133	1.279032	0.321	0.114	7.17E-129	Nonclassic Wfdc17
Fyn	7.17E-133	2.281374	0.306	0.111	1.76E-128	Nonclassic Fyn
Neat13	8.63E-133	1.108398	0.554	0.292	2.11E-128	Nonclassic Neat1
Nin2	1.99E-130	1.803112	0.346	0.135	4.88E-126	Nonclassic Nin
AY0361183	5.60E-130	1.171748	0.912	0.804	1.37E-125	Nonclassic AY036118
Rap1a1	7.30E-130	1.277064	0.7	0.532	1.79E-125	Nonclassic Rap1a
Lst14	9.21E-129	1.490341	0.713	0.534	2.25E-124	Nonclassic Lst1
Utrn	1.48E-128	1.74906	0.329	0.123	3.62E-124	Nonclassic Utrn
Ikbbk1	7.48E-128	1.64425	0.468	0.233	1.83E-123	Nonclassic Ikbbk
F13a11	9.90E-128	1.376233	0.275	0.088	2.42E-123	Nonclassic F13a1
AB1246115	1.12E-126	1.693886	0.379	0.162	2.74E-122	Nonclassic AB124611
Cd524	1.23E-126	0.814749	0.833	0.671	3.02E-122	Nonclassic Cd52
Nab11	7.24E-126	1.977379	0.327	0.128	1.77E-121	Nonclassic Nab1
Rps133	2.25E-125	0.631628	0.915	0.848	5.51E-121	Nonclassic Rps13
Sorl11	2.85E-125	1.567362	0.402	0.177	6.98E-121	Nonclassic Sorl1
Oaz14	1.06E-124	0.784405	0.834	0.72	2.59E-120	Nonclassic Oaz1
Actb3	6.89E-124	0.509999	0.98	0.958	1.69E-119	Nonclassic Actb
Cdk84	1.43E-121	0.814937	0.959	0.901	3.49E-117	Nonclassic Cdk8
Gm199513	2.31E-121	1.332075	0.596	0.361	5.65E-117	Nonclassic Gm19951
Camkk2	4.56E-120	1.67142	0.349	0.142	1.12E-115	Nonclassic Camkk2
Glud11	6.44E-120	1.456772	0.554	0.338	1.58E-115	Nonclassic Glud1
Nupr12	6.55E-118	1.679043	0.396	0.179	1.60E-113	Nonclassic Nupr1

St8sia42	7.10E-118	1.783754	0.277	0.097	1.74E-113	Nonclassic	St8sia4
Ccnd32	2.77E-117	0.849481	0.739	0.519	6.79E-113	Nonclassic	Ccnd3
Tpd522	1.71E-116	1.298828	0.612	0.425	4.18E-112	Nonclassic	Tpd52
Ms4a4c2	2.46E-116	1.632235	0.293	0.108	6.03E-112	Nonclassic	Ms4a4c
Rps73	4.10E-116	0.586883	0.937	0.866	1.00E-111	Nonclassic	Rps7
Tagln21	1.20E-115	1.888921	0.42	0.21	2.93E-111	Nonclassic	Tagln2
Rpl133	5.92E-115	0.51489	0.966	0.919	1.45E-110	Nonclassic	Rpl13
Tgfb13	3.62E-114	1.410093	0.418	0.199	8.85E-110	Nonclassic	Tgfb1
Foxp11	4.74E-114	1.126841	0.679	0.459	1.16E-109	Nonclassic	Foxp1
Slk1	1.13E-113	1.599529	0.363	0.157	2.77E-109	Nonclassic	Slk
Elmo2	6.13E-113	1.841563	0.304	0.118	1.50E-108	Nonclassic	Elmo2
Ap1s22	1.29E-112	1.689314	0.368	0.163	3.15E-108	Nonclassic	Ap1s2
Pilra2	6.21E-111	2.032699	0.306	0.123	1.52E-106	Nonclassic	Pilra
Cd300a1	2.16E-110	1.352931	0.622	0.436	5.28E-106	Nonclassic	Cd300a
Atp5h3	6.60E-110	0.956894	0.721	0.55	1.62E-105	Nonclassic	Atp5h
Arcp53	8.42E-110	1.242042	0.615	0.427	2.06E-105	Nonclassic	Arcp5
Cd474	4.41E-108	1.162769	0.64	0.457	1.08E-103	Nonclassic	Cd47
Prkch	4.64E-108	1.5722	0.428	0.212	1.14E-103	Nonclassic	Prkch
Dbi3	4.72E-108	1.104192	0.635	0.432	1.16E-103	Nonclassic	Dbi
Samsn13	7.64E-108	1.4772	0.462	0.241	1.87E-103	Nonclassic	Samsn1
Anxa53	7.74E-107	1.315801	0.517	0.301	1.90E-102	Nonclassic	Anxa5
Sgms11	1.44E-105	1.485214	0.395	0.182	3.52E-101	Nonclassic	Sgms1
Fis14	5.10E-104	1.066727	0.65	0.466	1.25E-99	Nonclassic	Fis1
Rpl194	1.94E-103	0.493165	0.95	0.889	4.76E-99	Nonclassic	Rpl19
Ddit4	5.42E-103	1.932957	0.299	0.12	1.33E-98	Nonclassic	Ddit4
Gstm11	7.43E-103	1.564866	0.298	0.117	1.82E-98	Nonclassic	Gstm1
Ncf21	1.28E-102	1.158156	0.631	0.465	3.13E-98	Nonclassic	Ncf2
Rps84	2.73E-102	0.521901	0.951	0.9	6.68E-98	Nonclassic	Rps8
Ppdpf1	1.09E-101	1.71945	0.352	0.161	2.66E-97	Nonclassic	Ppdpf
Bcl6	1.87E-101	1.854262	0.336	0.149	4.57E-97	Nonclassic	Bcl6
Rac23	2.59E-101	1.149767	0.631	0.454	6.35E-97	Nonclassic	Rac2
Psma73	6.42E-101	1.202436	0.595	0.41	1.57E-96	Nonclassic	Psma7
Pde4b2	1.91E-100	1.484654	0.443	0.229	4.68E-96	Nonclassic	Pde4b
Pitpna2	1.87E-98	1.088982	0.647	0.479	4.58E-94	Nonclassic	Pitpna
Ccl91	2.56E-98	1.805923	0.332	0.145	6.27E-94	Nonclassic	Ccl9
Pim14	3.75E-98	1.667411	0.328	0.143	9.19E-94	Nonclassic	Pim1
Rps34	9.45E-95	0.538005	0.905	0.828	2.32E-90	Nonclassic	Rps3
Dusp16	1.62E-94	2.446841	0.326	0.154	3.96E-90	Nonclassic	Dusp16
Rpl343	2.24E-94	0.591571	0.904	0.843	5.49E-90	Nonclassic	Rpl34
Rpl274	4.58E-94	0.623722	0.86	0.776	1.12E-89	Nonclassic	Rpl27
Atp5l4	1.10E-93	0.919879	0.715	0.566	2.70E-89	Nonclassic	Atp5l
Siva11	1.61E-93	1.843779	0.264	0.104	3.95E-89	Nonclassic	Siva1
Rhoa2	4.37E-93	0.772362	0.773	0.688	1.07E-88	Nonclassic	Rhoa
Gmfg3	1.73E-92	1.175013	0.573	0.383	4.23E-88	Nonclassic	Gmfg

Rnase62	2.32E-92	1.478791	0.376	0.181	5.69E-88	Nonclassic Rnase6
B4galnt11	3.23E-92	1.875984	0.348	0.169	7.90E-88	Nonclassic B4galnt1
Rpl73	6.82E-91	0.628894	0.833	0.734	1.67E-86	Nonclassic Rpl7
Tmsb4x3	6.95E-91	0.415176	0.981	0.967	1.70E-86	Nonclassic Tmsb4x
Herc42	9.80E-91	1.496909	0.456	0.257	2.40E-86	Nonclassic Herc4
Snrpb3	4.99E-90	1.16337	0.579	0.4	1.22E-85	Nonclassic Snrpb
Eif3f3	5.20E-90	0.856134	0.731	0.588	1.27E-85	Nonclassic Eif3f
Rasa31	8.44E-89	1.358925	0.463	0.264	2.07E-84	Nonclassic Rasa3
Eno14	8.19E-88	1.286703	0.489	0.296	2.00E-83	Nonclassic Eno1
Ncf42	4.14E-87	1.396067	0.444	0.253	1.01E-82	Nonclassic Ncf4
Cast2	4.81E-87	1.74134	0.273	0.113	1.18E-82	Nonclassic Cast
Rps103	5.40E-87	0.470478	0.937	0.891	1.32E-82	Nonclassic Rps10
Tmpo2	3.33E-86	1.630769	0.339	0.164	8.15E-82	Nonclassic Tmpo
Fyb1	3.46E-86	0.82849	0.813	0.725	8.47E-82	Nonclassic Fyb
Ext11	9.17E-86	1.219942	0.422	0.22	2.24E-81	Nonclassic Ext1
Myh92	1.71E-85	0.896209	0.726	0.584	4.18E-81	Nonclassic Myh9
Myl12a3	1.73E-85	1.05487	0.62	0.451	4.24E-81	Nonclassic Myl12a
Smc6	1.31E-84	1.949569	0.317	0.15	3.20E-80	Nonclassic Smc6
Ptma2	2.00E-84	0.72764	0.834	0.726	4.90E-80	Nonclassic Ptma
Cbfa2t3	2.55E-84	1.450524	0.325	0.148	6.24E-80	Nonclassic Cbfa2t3
Gphn3	2.70E-84	0.963764	0.789	0.638	6.61E-80	Nonclassic Gphn
Arhgef12	3.72E-84	1.381085	0.472	0.278	9.11E-80	Nonclassic Arhgef1
Rps15a4	1.54E-83	0.52287	0.926	0.856	3.77E-79	Nonclassic Rps15a
Mcl13	1.78E-83	0.911029	0.673	0.539	4.36E-79	Nonclassic Mcl1
Cfl14	2.30E-83	0.591025	0.837	0.764	5.62E-79	Nonclassic Cfl1
Dusp15	2.35E-83	0.908366	0.599	0.381	5.75E-79	Nonclassic Dusp1
Capzb	4.30E-83	0.721326	0.765	0.686	1.05E-78	Nonclassic Capzb
Taf103	1.01E-82	1.197987	0.551	0.364	2.47E-78	Nonclassic Taf10
Rack13	1.40E-82	0.693352	0.784	0.656	3.44E-78	Nonclassic Rack1
Rpl36a3	1.80E-82	0.744021	0.759	0.647	4.40E-78	Nonclassic Rpl36a
Ccdc88a1	2.68E-82	1.597851	0.353	0.175	6.55E-78	Nonclassic Ccdc88a
Rpl173	3.42E-82	0.506998	0.911	0.839	8.38E-78	Nonclassic Rpl17
Pid13	3.96E-82	0.987334	0.607	0.411	9.71E-78	Nonclassic Pid1
Sec61b3	5.10E-82	1.100985	0.609	0.462	1.25E-77	Nonclassic Sec61b
Scand13	1.65E-81	1.086289	0.587	0.414	4.04E-77	Nonclassic Scand1
Sp1003	1.45E-80	1.271643	0.459	0.274	3.55E-76	Nonclassic Sp100
Sap302	3.50E-80	1.718534	0.281	0.125	8.58E-76	Nonclassic Sap30
Atp5e3	7.57E-80	0.774961	0.762	0.65	1.85E-75	Nonclassic Atp5e
Rpl283	2.08E-79	0.532299	0.906	0.841	5.11E-75	Nonclassic Rpl28
Atp1a11	2.87E-79	1.275118	0.524	0.348	7.04E-75	Nonclassic Atp1a1
Fgd41	2.92E-79	1.515776	0.373	0.191	7.16E-75	Nonclassic Fgd4
Atox12	3.84E-77	0.763421	0.729	0.592	9.39E-73	Nonclassic Atox1
Nfam13	6.62E-76	1.202	0.525	0.349	1.62E-71	Nonclassic Nfam1
Dynll13	9.59E-76	1.066754	0.586	0.417	2.35E-71	Nonclassic Dynll1

Zc3h7a3	3.21E-75	1.145177	0.647	0.489	7.87E-71	Nonclassic Zc3h7a
Rps93	6.08E-75	0.440619	0.955	0.911	1.49E-70	Nonclassic Rps9
Ciao2a2	4.02E-74	1.356129	0.418	0.248	9.85E-70	Nonclassic Ciao2a
Mapkapk22	4.86E-74	1.167165	0.5	0.327	1.19E-69	Nonclassic Mapkapk2
Gstp11	7.03E-74	1.319788	0.464	0.286	1.72E-69	Nonclassic Gstp1
Arf52	9.31E-74	0.926393	0.626	0.48	2.28E-69	Nonclassic Arf5
Camk1d3	4.80E-73	0.544324	0.905	0.806	1.18E-68	Nonclassic Camk1d
Rpl18a3	6.14E-71	0.398526	0.949	0.9	1.50E-66	Nonclassic Rpl18a
Cmip2	2.81E-70	0.977998	0.559	0.38	6.89E-66	Nonclassic Cmip
Arpc34	5.08E-70	0.681359	0.732	0.64	1.24E-65	Nonclassic Arpc3
Eif3k2	6.94E-70	0.911172	0.628	0.484	1.70E-65	Nonclassic Eif3k
Tkt3	7.69E-70	1.059062	0.567	0.423	1.88E-65	Nonclassic Tkt
Rpl243	1.25E-69	0.512272	0.861	0.789	3.06E-65	Nonclassic Rpl24
Aldh24	1.87E-69	1.007066	0.447	0.269	4.59E-65	Nonclassic Aldh2
Ostf12	3.43E-69	0.878989	0.631	0.493	8.41E-65	Nonclassic Ostf1
Rps114	4.37E-69	0.418497	0.948	0.895	1.07E-64	Nonclassic Rps11
Scarb1	4.41E-69	1.573583	0.279	0.132	1.08E-64	Nonclassic Scarb1
Rpl37a4	7.20E-69	0.55568	0.917	0.853	1.76E-64	Nonclassic Rpl37a
Rpl35a4	1.63E-68	0.473781	0.932	0.885	3.99E-64	Nonclassic Rpl35a
Rps4x3	2.65E-68	0.400775	0.937	0.879	6.48E-64	Nonclassic Rps4x
Prdx63	2.74E-68	1.293791	0.359	0.195	6.70E-64	Nonclassic Prdx6
Tmcc12	3.84E-68	1.104323	0.531	0.356	9.40E-64	Nonclassic Tmcc1
Hspa83	3.90E-68	0.584743	0.828	0.741	9.54E-64	Nonclassic Hspa8
H2afz2	3.95E-68	0.903512	0.678	0.573	9.67E-64	Nonclassic H2afz
Ptk2b1	5.98E-68	1.180871	0.517	0.349	1.46E-63	Nonclassic Ptk2b
Plekho23	1.57E-67	1.297639	0.37	0.203	3.85E-63	Nonclassic Plekho2
Mtpn2	1.85E-67	1.282853	0.394	0.225	4.53E-63	Nonclassic Mtpn
Arhgap92	3.49E-67	1.398925	0.334	0.175	8.55E-63	Nonclassic Arhgap9
Fry1	1.92E-66	1.203976	0.344	0.175	4.70E-62	Nonclassic Fry
Rps183	1.61E-65	0.514266	0.854	0.76	3.94E-61	Nonclassic Rps18
Ier23	4.36E-65	0.513028	0.574	0.35	1.07E-60	Nonclassic Ier2
Syk2	4.94E-65	1.10071	0.515	0.347	1.21E-60	Nonclassic Syk
Rassf5	8.29E-65	1.450357	0.315	0.161	2.03E-60	Nonclassic Rassf5
Rps233	2.81E-64	0.457047	0.917	0.854	6.87E-60	Nonclassic Rps23
Selenow5	3.01E-64	0.837692	0.633	0.459	7.37E-60	Nonclassic Selenow
Grk21	1.00E-63	1.036885	0.508	0.342	2.46E-59	Nonclassic Grk2
Tomm64	1.13E-63	0.787785	0.666	0.531	2.77E-59	Nonclassic Tomm6
Cox4i15	1.29E-63	0.470887	0.877	0.803	3.17E-59	Nonclassic Cox4i1
Txn13	3.22E-63	0.659198	0.506	0.322	7.88E-59	Nonclassic Txn1
Ttr4	1.31E-62	0.812214	0.684	0.506	3.21E-58	Nonclassic Ttr
Nav1	3.10E-62	1.365927	0.283	0.137	7.59E-58	Nonclassic Nav1
Ppp1ca2	1.70E-61	0.913206	0.586	0.463	4.17E-57	Nonclassic Ppp1ca
Btf32	2.40E-61	0.70201	0.704	0.613	5.88E-57	Nonclassic Btf3
Spi12	3.44E-61	0.733208	0.746	0.706	8.43E-57	Nonclassic Spi1

Hnrnpa31	3.95E-61	0.959486	0.588	0.453	9.68E-57	Nonclassic Hnrnpa3
Lcp12	1.14E-60	0.671704	0.774	0.688	2.79E-56	Nonclassic Lcp1
Gnb22	1.62E-60	0.758242	0.673	0.583	3.97E-56	Nonclassic Gnb2
Eif4ebp13	1.07E-59	1.211768	0.362	0.206	2.62E-55	Nonclassic Eif4ebp1
Sptan1	4.10E-59	1.35385	0.305	0.16	1.00E-54	Nonclassic Sptan1
Rps215	1.22E-58	0.418737	0.917	0.815	2.98E-54	Nonclassic Rps2
Ybx13	1.25E-58	0.702664	0.697	0.571	3.06E-54	Nonclassic Ybx1
Lrrfip11	1.43E-58	1.118731	0.468	0.31	3.50E-54	Nonclassic Lrrfip1
Prkcd2	1.43E-58	0.856665	0.635	0.525	3.51E-54	Nonclassic Prkcd
Gm267402	1.85E-58	1.062752	0.467	0.303	4.54E-54	Nonclassic Gm26740
Ifi2073	3.07E-58	1.021527	0.33	0.175	7.51E-54	Nonclassic Ifi207
Rpl113	3.26E-58	0.370993	0.928	0.876	7.98E-54	Nonclassic Rpl11
Igsf63	3.32E-58	1.271232	0.377	0.225	8.12E-54	Nonclassic Igsf6
Rps63	1.05E-57	0.583873	0.778	0.687	2.57E-53	Nonclassic Rps6
Gm2a3	2.67E-57	0.92658	0.571	0.438	6.53E-53	Nonclassic Gm2a
Cdc42se12	4.78E-57	1.137275	0.433	0.28	1.17E-52	Nonclassic Cdc42se1
Adap11	1.35E-56	1.533042	0.279	0.144	3.31E-52	Nonclassic Adap1
Gpcpd11	2.07E-56	1.281332	0.405	0.249	5.06E-52	Nonclassic Gpcpd1
Lmo42	1.20E-55	1.502085	0.286	0.15	2.93E-51	Nonclassic Lmo4
Ndufa63	1.54E-55	0.789248	0.645	0.52	3.77E-51	Nonclassic Ndufa6
Rpl234	1.84E-55	0.359584	0.936	0.882	4.52E-51	Nonclassic Rpl23
Malt1	3.47E-55	1.416597	0.275	0.139	8.49E-51	Nonclassic Malt1
Scp24	4.87E-55	0.996905	0.485	0.337	1.19E-50	Nonclassic Scp2
Sat12	5.67E-55	0.875494	0.774	0.73	1.39E-50	Nonclassic Sat1
H2afy1	7.53E-55	1.077256	0.516	0.376	1.84E-50	Nonclassic H2afy
Rpl104	1.26E-54	0.442109	0.889	0.84	3.08E-50	Nonclassic Rpl10
Uqcrh4	1.35E-54	0.636708	0.708	0.598	3.30E-50	Nonclassic Uqcrh
Ehbp1111	1.73E-54	1.256956	0.342	0.198	4.25E-50	Nonclassic Ehbp11
Rps273	3.12E-54	0.613778	0.844	0.782	7.65E-50	Nonclassic Rps27
Ttc7	4.88E-54	1.097988	0.352	0.2	1.20E-49	Nonclassic Ttc7
Esyt11	7.88E-54	1.556099	0.264	0.134	1.93E-49	Nonclassic Esyt1
Fam1111a1	1.04E-53	1.297165	0.276	0.142	2.54E-49	Nonclassic Fam111a
Myo1f2	1.16E-53	0.729643	0.71	0.627	2.84E-49	Nonclassic Myo1f
Cox5a3	2.62E-53	0.763973	0.607	0.461	6.41E-49	Nonclassic Cox5a
Rpl324	3.37E-53	0.38913	0.936	0.865	8.24E-49	Nonclassic Rpl32
Capg3	4.47E-53	1.4635	0.271	0.141	1.09E-48	Nonclassic Capg
Ccdc123	1.75E-52	0.853536	0.576	0.452	4.28E-48	Nonclassic Ccdc12
Smdt13	2.14E-52	0.919437	0.553	0.417	5.23E-48	Nonclassic Smdt1
mt-Co12	3.76E-52	0.388236	0.987	0.962	9.21E-48	Nonclassic mt-Co1
Sub11	4.68E-52	0.811417	0.604	0.489	1.15E-47	Nonclassic Sub1
Pkm3	6.93E-52	0.660338	0.628	0.505	1.70E-47	Nonclassic Pkm
Abracl2	7.00E-51	1.108734	0.431	0.289	1.71E-46	Nonclassic Abracl
Hint13	1.23E-50	0.695646	0.642	0.527	3.02E-46	Nonclassic Hint1
Btg13	1.39E-50	0.754072	0.651	0.528	3.41E-46	Nonclassic Btg1

Nfkbiz4	3.90E-50	0.955197	0.413	0.254	9.55E-46	Nonclassic Nfkbiz
Cdkn1b	5.05E-50	1.392149	0.262	0.135	1.24E-45	Nonclassic Cdkn1b
Eif3h3	5.51E-50	0.7776	0.601	0.487	1.35E-45	Nonclassic Eif3h
Rbm32	2.37E-49	0.736006	0.639	0.536	5.80E-45	Nonclassic Rbm3
Sptbn1	2.96E-49	1.197738	0.259	0.132	7.26E-45	Nonclassic Sptbn1
Gng54	4.72E-49	0.518346	0.795	0.72	1.15E-44	Nonclassic Gng5
Ppia3	4.99E-49	0.367095	0.941	0.88	1.22E-44	Nonclassic Ppia
Cmpk12	7.20E-49	1.07897	0.409	0.27	1.76E-44	Nonclassic Cmpk1
Aprt3	7.95E-49	1.329813	0.401	0.272	1.95E-44	Nonclassic Aprt
Slc44a21	1.95E-48	1.121078	0.362	0.216	4.77E-44	Nonclassic Slc44a2
Rnf1492	3.29E-48	1.320097	0.371	0.234	8.07E-44	Nonclassic Rnf149
Dock21	3.87E-48	0.455072	0.786	0.69	9.49E-44	Nonclassic Dock2
Ppp1cb1	1.01E-47	1.229918	0.319	0.183	2.48E-43	Nonclassic Ppp1cb
Ost43	1.96E-47	0.763631	0.618	0.498	4.79E-43	Nonclassic Ost4
Nme25	2.61E-47	0.596112	0.702	0.601	6.39E-43	Nonclassic Nme2
S100a133	3.45E-47	1.181253	0.363	0.225	8.46E-43	Nonclassic S100a13
Srp93	3.87E-47	0.944127	0.5	0.368	9.48E-43	Nonclassic Srp9
Enpp23	5.15E-47	0.845573	0.379	0.227	1.26E-42	Nonclassic Enpp2
Arl5c3	5.45E-47	1.370927	0.258	0.137	1.34E-42	Nonclassic Arl5c
Kpna41	1.16E-46	1.001287	0.572	0.451	2.83E-42	Nonclassic Kpna4
Rassf31	1.33E-46	1.152861	0.318	0.184	3.26E-42	Nonclassic Rassf3
Itgb22	3.52E-46	0.746129	0.67	0.587	8.61E-42	Nonclassic Itgb2
Map3k52	3.90E-46	0.893041	0.412	0.26	9.54E-42	Nonclassic Map3k5
Eif5a3	9.08E-46	0.771847	0.609	0.491	2.22E-41	Nonclassic Eif5a
Anp32b2	1.11E-45	0.985658	0.427	0.287	2.72E-41	Nonclassic Anp32b
Naca4	1.42E-45	0.514177	0.763	0.704	3.47E-41	Nonclassic Naca
Kdm7a2	1.93E-45	1.078114	0.396	0.257	4.72E-41	Nonclassic Kdm7a
Rpl153	2.09E-45	0.40241	0.86	0.786	5.12E-41	Nonclassic Rpl15
D8ErtD738e	6.47E-45	0.778295	0.562	0.443	1.58E-40	Nonclassic D8ErtD738e
BC005537	6.51E-45	1.124452	0.318	0.184	1.60E-40	Nonclassic BC005537
Rpl263	8.91E-45	0.362096	0.895	0.828	2.18E-40	Nonclassic Rpl26
Uqcrfs13	1.36E-44	0.936097	0.452	0.317	3.32E-40	Nonclassic Uqcrfs1
Shisa52	3.36E-44	0.857065	0.561	0.459	8.22E-40	Nonclassic Shisa5
Cox6c4	3.84E-44	0.66108	0.683	0.578	9.41E-40	Nonclassic Cox6c
Serp13	4.14E-44	0.999251	0.48	0.361	1.01E-39	Nonclassic Serp1
Tsc22d34	1.29E-43	0.823312	0.447	0.297	3.16E-39	Nonclassic Tsc22d3
Rplp23	1.51E-43	0.443786	0.867	0.801	3.70E-39	Nonclassic Rplp2
Gm480994	1.91E-43	1.098654	0.405	0.272	4.67E-39	Nonclassic Gm48099
Gm155644	5.53E-43	1.183061	0.365	0.229	1.35E-38	Nonclassic Gm15564
Rab8a2	5.80E-43	1.214889	0.329	0.203	1.42E-38	Nonclassic Rab8a
Tmem1642	7.42E-43	0.856181	0.426	0.283	1.82E-38	Nonclassic Tmem164
Sgk3	1.08E-42	1.041261	0.353	0.215	2.64E-38	Nonclassic Sgk3
Ube2d32	1.33E-42	0.68769	0.627	0.527	3.26E-38	Nonclassic Ube2d3
Gapdh3	4.17E-42	0.496722	0.723	0.628	1.02E-37	Nonclassic Gapdh

Trim253	4.80E-42	1.447079	0.288	0.169	1.18E-37	Nonclassic Trim25
Tma71	1.20E-41	0.857938	0.527	0.406	2.95E-37	Nonclassic Tma7
Sf3b61	1.69E-41	0.927728	0.45	0.319	4.14E-37	Nonclassic Sf3b6
Mknk2	1.70E-41	1.36706	0.252	0.138	4.16E-37	Nonclassic Mknk2
Rpl364	2.32E-41	0.450868	0.862	0.793	5.67E-37	Nonclassic Rpl36
Tle53	5.96E-41	0.801797	0.527	0.404	1.46E-36	Nonclassic Tle5
Notch21	7.66E-41	0.929032	0.46	0.325	1.88E-36	Nonclassic Notch2
Pabpc13	7.70E-41	0.545632	0.697	0.623	1.88E-36	Nonclassic Pabpc1
Anp32a3	8.74E-41	0.964873	0.471	0.349	2.14E-36	Nonclassic Anp32a
Pou2f22	1.28E-40	0.905768	0.616	0.526	3.14E-36	Nonclassic Pou2f2
Gyg2	1.33E-40	1.135604	0.268	0.152	3.27E-36	Nonclassic Gyg
Gpx44	1.61E-40	0.607874	0.685	0.596	3.94E-36	Nonclassic Gpx4
Rpl63	2.35E-40	0.342362	0.885	0.828	5.75E-36	Nonclassic Rpl6
Arhgap302	3.02E-40	0.85576	0.455	0.327	7.41E-36	Nonclassic Arhgap30
Cdk141	3.49E-40	1.139517	0.367	0.238	8.54E-36	Nonclassic Cdk14
Dazap23	4.18E-40	0.757956	0.565	0.454	1.02E-35	Nonclassic Dazap2
Id21	1.10E-39	0.969886	0.315	0.187	2.69E-35	Nonclassic Id2
G6pdx2	1.26E-39	1.224034	0.259	0.145	3.08E-35	Nonclassic G6pdx
Birc32	2.63E-39	1.004069	0.363	0.232	6.43E-35	Nonclassic Birc3
Cox6b14	2.68E-39	0.594094	0.666	0.557	6.57E-35	Nonclassic Cox6b1
Rps264	3.46E-39	0.380888	0.888	0.821	8.48E-35	Nonclassic Rps26
Rftn12	3.57E-39	1.080246	0.262	0.147	8.74E-35	Nonclassic Rftn1
Nt5c2	6.58E-39	1.06643	0.323	0.202	1.61E-34	Nonclassic Nt5c
Cyca1	1.17E-38	0.888747	0.428	0.304	2.87E-34	Nonclassic Cyca
Nop102	3.53E-38	1.033346	0.414	0.293	8.65E-34	Nonclassic Nop10
Fam32a2	6.35E-38	1.064028	0.334	0.211	1.56E-33	Nonclassic Fam32a
Zfp36l22	1.21E-37	0.726688	0.612	0.523	2.97E-33	Nonclassic Zfp36l2
Rpl384	1.73E-37	0.603125	0.78	0.701	4.23E-33	Nonclassic Rpl38
Hnrnpf1	1.90E-37	0.659186	0.604	0.512	4.65E-33	Nonclassic Hnrnpf
Snrpe2	2.56E-37	0.894856	0.467	0.352	6.26E-33	Nonclassic Snrpe
Themis23	3.34E-37	1.098182	0.338	0.22	8.17E-33	Nonclassic Themis2
Clec2d3	5.70E-37	0.983059	0.391	0.264	1.40E-32	Nonclassic Clec2d
Ptprj1	8.60E-37	0.574087	0.7	0.642	2.11E-32	Nonclassic Ptprj
Ms4a6b2	1.59E-36	0.910162	0.419	0.295	3.90E-32	Nonclassic Ms4a6b
Apobec12	2.81E-36	0.738046	0.506	0.378	6.89E-32	Nonclassic Apobec1
Plekhn31	3.50E-36	1.013014	0.344	0.22	8.58E-32	Nonclassic Plekhn3
Mpp12	4.96E-36	1.214268	0.26	0.151	1.22E-31	Nonclassic Mpp1
Ndufb74	5.67E-36	0.833067	0.492	0.373	1.39E-31	Nonclassic Ndufb7
Znhit13	5.90E-36	1.171613	0.307	0.193	1.44E-31	Nonclassic Znhit1
Sec61g3	1.07E-35	0.834353	0.537	0.435	2.63E-31	Nonclassic Sec61g
CAA01147	1.33E-35	0.68672	0.521	0.401	3.26E-31	Nonclassic CAA01147332.1
Psm82	1.39E-35	0.958263	0.429	0.317	3.40E-31	Nonclassic Psm8
Ywhab2	2.49E-35	0.860586	0.462	0.347	6.09E-31	Nonclassic Ywhab
Atp5g34	2.52E-35	0.533002	0.679	0.593	6.16E-31	Nonclassic Atp5g3

Rpl414	4.38E-35	0.363586	0.934	0.903	1.07E-30	Nonclassic Rpl41
Pdlim5	7.36E-35	0.968545	0.321	0.2	1.80E-30	Nonclassic Pdlim5
mt-Co22	1.25E-34	0.333304	0.974	0.945	3.07E-30	Nonclassic mt-Co2
Ppp2cb1	1.72E-34	1.11929	0.287	0.176	4.21E-30	Nonclassic Ppp2cb
Degs12	6.64E-34	1.000395	0.357	0.243	1.63E-29	Nonclassic Degs1
Ndufa113	9.16E-34	0.858297	0.468	0.351	2.24E-29	Nonclassic Ndufa11
Nap1l12	2.24E-33	1.020836	0.341	0.227	5.49E-29	Nonclassic Nap1l1
C34	4.16E-33	0.561916	0.256	0.145	1.02E-28	Nonclassic C3
Ilrun	5.00E-33	1.040684	0.3	0.188	1.22E-28	Nonclassic Ilrun
Nsa23	7.57E-33	0.628031	0.565	0.448	1.85E-28	Nonclassic Nsa2
Ptpn11	8.49E-33	0.773683	0.563	0.492	2.08E-28	Nonclassic Ptpn1
Api5	1.09E-32	1.14268	0.254	0.149	2.66E-28	Nonclassic Api5
Hcst1	1.13E-32	1.355369	0.285	0.182	2.76E-28	Nonclassic Hcst
Snrpg2	1.21E-32	0.757177	0.525	0.429	2.96E-28	Nonclassic Snrpg
Cox5b4	1.54E-32	0.559864	0.638	0.545	3.78E-28	Nonclassic Cox5b
Uqcrq3	2.20E-32	0.666437	0.547	0.438	5.39E-28	Nonclassic Uqcrq
Stat31	2.23E-32	0.775447	0.484	0.378	5.45E-28	Nonclassic Stat3
Hsp90ab13	4.84E-32	0.431263	0.805	0.74	1.19E-27	Nonclassic Hsp90ab1
Zfand52	5.16E-32	0.798004	0.459	0.342	1.26E-27	Nonclassic Zfand5
Ubl54	5.25E-32	0.584019	0.593	0.482	1.28E-27	Nonclassic Ubl5
Tpr2	5.93E-32	0.795384	0.462	0.354	1.45E-27	Nonclassic Tpr
Mrpl303	5.98E-32	0.924477	0.393	0.283	1.47E-27	Nonclassic Mrpl30
Jpt12	9.17E-32	0.811085	0.468	0.359	2.24E-27	Nonclassic Jpt1
Stat5b	1.51E-31	0.905407	0.296	0.183	3.69E-27	Nonclassic Stat5b
Mfsd14b1	1.51E-31	1.054258	0.25	0.147	3.70E-27	Nonclassic Mfsd14b
Supt4a2	2.33E-31	0.79071	0.42	0.306	5.70E-27	Nonclassic Supt4a
Ppp1r12a2	3.02E-31	0.729838	0.526	0.419	7.40E-27	Nonclassic Ppp1r12a
Usp321	3.21E-31	1.054143	0.278	0.172	7.86E-27	Nonclassic Usp32
Preli14	6.13E-31	0.822851	0.444	0.336	1.50E-26	Nonclassic Preli1
Ptpn64	1.07E-30	0.645466	0.587	0.514	2.62E-26	Nonclassic Ptpn6
Sf3b52	1.24E-30	0.899882	0.413	0.304	3.03E-26	Nonclassic Sf3b5
Kras1	2.20E-30	0.932527	0.348	0.24	5.38E-26	Nonclassic Kras
Atp5d4	7.22E-30	0.573172	0.616	0.529	1.77E-25	Nonclassic Atp5d
Mpc22	7.35E-30	0.828819	0.444	0.338	1.80E-25	Nonclassic Mpc2
Hpcal14	7.58E-30	0.927822	0.365	0.261	1.86E-25	Nonclassic Hpcal1
Rpl13a3	7.96E-30	0.336462	0.871	0.792	1.95E-25	Nonclassic Rpl13a
Emd1	1.25E-29	1.141462	0.268	0.168	3.05E-25	Nonclassic Emd
Bach12	1.67E-29	0.928418	0.358	0.251	4.10E-25	Nonclassic Bach1
5031439G	1.72E-29	0.904688	0.349	0.24	4.21E-25	Nonclassic 5031439G07Rik
Ppp2r5c1	2.01E-29	0.792503	0.43	0.319	4.92E-25	Nonclassic Ppp2r5c
Nsd32	3.13E-29	0.779263	0.432	0.322	7.67E-25	Nonclassic Nsd3
Ndel11	3.47E-29	0.983413	0.294	0.189	8.49E-25	Nonclassic Ndel1
Polr1d2	6.22E-29	0.637628	0.525	0.423	1.52E-24	Nonclassic Polr1d
Hipk11	7.84E-29	0.960824	0.289	0.186	1.92E-24	Nonclassic Hipk1

Esd3	1.43E-28	0.779852	0.426	0.326	3.51E-24	Nonclassic Esd
Gnai22	4.47E-28	0.349661	0.788	0.784	1.10E-23	Nonclassic Gnai2
Il2rg4	6.30E-28	0.813657	0.332	0.22	1.54E-23	Nonclassic Il2rg
Cdk17	6.51E-28	0.995826	0.269	0.169	1.59E-23	Nonclassic Cdk17
Cript2	6.95E-28	1.059308	0.283	0.185	1.70E-23	Nonclassic Cript
Nsf	7.87E-28	0.944791	0.289	0.186	1.93E-23	Nonclassic Nsf
Rpl53	1.73E-27	0.461903	0.706	0.615	4.23E-23	Nonclassic Rpl5
Chmp4b5	1.80E-27	0.606948	0.555	0.465	4.42E-23	Nonclassic Chmp4b
Nedd82	2.41E-27	0.571314	0.551	0.451	5.90E-23	Nonclassic Nedd8
Prdx13	2.64E-27	0.256622	0.642	0.547	6.47E-23	Nonclassic Prdx1
Psmb52	4.40E-27	0.702584	0.441	0.339	1.08E-22	Nonclassic Psmb5
Myadm	5.50E-27	0.967581	0.311	0.21	1.35E-22	Nonclassic Myadm
Pgk14	8.01E-27	0.787967	0.362	0.258	1.96E-22	Nonclassic Pgk1
Vti1a1	1.25E-26	0.696467	0.458	0.351	3.07E-22	Nonclassic Vti1a
Cdc422	2.66E-26	0.373106	0.749	0.732	6.53E-22	Nonclassic Cdc42
Crk	2.75E-26	1.054417	0.278	0.182	6.75E-22	Nonclassic Crk
Psmb33	3.38E-26	0.67645	0.495	0.401	8.28E-22	Nonclassic Psmb3
Rnf166	5.88E-26	1.03597	0.295	0.197	1.44E-21	Nonclassic Rnf166
Map3k14	1.01E-25	1.094472	0.254	0.16	2.48E-21	Nonclassic Map3k14
Capns13	2.61E-25	0.743549	0.447	0.351	6.38E-21	Nonclassic Capns1
Ndufb103	3.05E-25	0.660364	0.491	0.401	7.46E-21	Nonclassic Ndufb10
Cpe2	4.24E-25	1.011735	0.252	0.158	1.04E-20	Nonclassic Cpe
Piezo1	6.04E-25	0.953683	0.261	0.166	1.48E-20	Nonclassic Piezo1
Tspo5	7.22E-25	0.56359	0.534	0.45	1.77E-20	Nonclassic Tspo
Rpl44	8.02E-25	0.417671	0.675	0.599	1.97E-20	Nonclassic Rpl4
Rpl293	1.31E-24	0.278713	0.848	0.801	3.22E-20	Nonclassic Rpl29
Eef23	2.33E-24	0.353089	0.769	0.722	5.70E-20	Nonclassic Eef2
Rpl224	2.59E-24	0.314315	0.814	0.747	6.33E-20	Nonclassic Rpl22
Mrpl142	2.97E-24	0.947068	0.313	0.221	7.28E-20	Nonclassic Mrpl14
Atp5c12	3.77E-24	0.537232	0.574	0.505	9.24E-20	Nonclassic Atp5c1
Ndufa42	5.21E-24	0.507806	0.611	0.544	1.28E-19	Nonclassic Ndufa4
Elf41	5.69E-24	0.813321	0.36	0.261	1.39E-19	Nonclassic Elf4
Csf2ra3	6.82E-24	0.652705	0.508	0.418	1.67E-19	Nonclassic Csf2ra
Irf52	1.56E-23	0.645608	0.533	0.472	3.82E-19	Nonclassic Irf5
Ncoa1	2.10E-23	0.794781	0.336	0.236	5.15E-19	Nonclassic Ncoa1
181003711	2.36E-23	0.748291	0.434	0.342	5.77E-19	Nonclassic 1810037117Rik
Hnrnpul22	2.71E-23	0.864565	0.327	0.234	6.64E-19	Nonclassic Hnrnpul2
Syf22	2.75E-23	0.855634	0.332	0.24	6.74E-19	Nonclassic Syf2
Rps27l3	3.07E-23	0.542963	0.459	0.359	7.52E-19	Nonclassic Rps27l
Rps153	4.65E-23	0.476581	0.647	0.569	1.14E-18	Nonclassic Rps15
Gsap2	1.46E-22	0.81073	0.384	0.291	3.58E-18	Nonclassic Gsap
Irf73	1.70E-22	0.466392	0.289	0.19	4.16E-18	Nonclassic Irf7
Mob1a1	1.81E-22	0.901812	0.321	0.229	4.44E-18	Nonclassic Mob1a
Pfdn54	1.96E-22	0.336388	0.771	0.691	4.80E-18	Nonclassic Pfdn5

Aip2	3.39E-22	0.912207	0.294	0.204	8.31E-18	Nonclassic Aip
Ndufb1-ps2	3.60E-22	0.830795	0.388	0.299	8.82E-18	Nonclassic Ndufb1-ps
Stk41	5.15E-22	0.73304	0.384	0.29	1.26E-17	Nonclassic Stk4
Spop1	1.02E-21	0.622338	0.454	0.36	2.50E-17	Nonclassic Spop
Hdgf3	1.15E-21	0.946818	0.258	0.173	2.81E-17	Nonclassic Hdgf
Eif4g31	1.20E-21	0.596517	0.506	0.417	2.93E-17	Nonclassic Eif4g3
mt-Atp62	1.28E-21	0.31746	0.929	0.914	3.13E-17	Nonclassic mt-Atp6
Ahcyl2	1.38E-21	0.843276	0.271	0.18	3.37E-17	Nonclassic Ahcyl2
BC028528	1.45E-21	0.839623	0.342	0.255	3.56E-17	Nonclassic BC028528
Calm33	1.68E-21	0.698411	0.423	0.333	4.11E-17	Nonclassic Calm3
Ppp4c2	1.79E-21	0.718972	0.428	0.342	4.38E-17	Nonclassic Ppp4c
Etv62	1.93E-21	0.570641	0.641	0.586	4.74E-17	Nonclassic Etv6
Mrpl571	2.27E-21	0.868938	0.3	0.213	5.56E-17	Nonclassic Mrpl57
Rab5if4	2.93E-21	0.632788	0.473	0.396	7.18E-17	Nonclassic Rab5if
Tmem1671	4.29E-21	0.736135	0.361	0.272	1.05E-16	Nonclassic Tmem167
Cox6a13	5.11E-21	0.545957	0.59	0.514	1.25E-16	Nonclassic Cox6a1
Rpl23a3	5.31E-21	0.498491	0.581	0.506	1.30E-16	Nonclassic Rpl23a
Atp5f12	6.73E-21	0.581216	0.546	0.485	1.65E-16	Nonclassic Atp5f1
Klf32	7.40E-21	0.670434	0.489	0.414	1.81E-16	Nonclassic Klf3
Banf13	8.31E-21	0.779492	0.359	0.269	2.03E-16	Nonclassic Banf1
Akap132	1.12E-20	0.532695	0.557	0.497	2.73E-16	Nonclassic Akap13
Arf61	1.21E-20	0.808033	0.353	0.268	2.97E-16	Nonclassic Arf6
Mt33	1.44E-20	0.834599	0.311	0.218	3.53E-16	Nonclassic Mt3
Tent5a3	1.59E-20	0.838942	0.344	0.254	3.90E-16	Nonclassic Tent5a
Ap2s14	2.13E-20	0.713945	0.388	0.3	5.23E-16	Nonclassic Ap2s1
Lamtor23	2.40E-20	0.665883	0.426	0.343	5.88E-16	Nonclassic Lamtor2
Kif5b2	3.33E-20	0.682761	0.409	0.325	8.15E-16	Nonclassic Kif5b
Tax1bp12	3.54E-20	0.694348	0.435	0.352	8.66E-16	Nonclassic Tax1bp1
Mrtfa2	4.98E-20	0.699373	0.322	0.232	1.22E-15	Nonclassic Mrtfa
Taok31	8.40E-20	0.588701	0.457	0.369	2.06E-15	Nonclassic Taok3
Nop531	9.23E-20	1.018646	0.266	0.186	2.26E-15	Nonclassic Nop53
Ppp1r22	1.08E-19	0.784184	0.306	0.22	2.65E-15	Nonclassic Ppp1r2
Raly2	1.16E-19	0.773131	0.376	0.294	2.83E-15	Nonclassic Raly
Ube2a1	1.32E-19	0.766891	0.312	0.227	3.22E-15	Nonclassic Ube2a
Cox142	1.63E-19	0.774939	0.35	0.266	3.99E-15	Nonclassic Cox14
Hcls12	1.77E-19	0.645033	0.494	0.413	4.34E-15	Nonclassic Hcls1
Dnaja13	2.14E-19	0.702465	0.379	0.293	5.23E-15	Nonclassic Dnaja1
Baz1a2	2.36E-19	0.764923	0.311	0.221	5.77E-15	Nonclassic Baz1a
Elob5	2.92E-19	0.430495	0.599	0.525	7.15E-15	Nonclassic Elob
Psma23	3.72E-19	0.679682	0.44	0.357	9.11E-15	Nonclassic Psma2
Ywhag	4.11E-19	0.838425	0.37	0.289	1.01E-14	Nonclassic Ywhag
Rwdd11	4.60E-19	0.834583	0.28	0.197	1.13E-14	Nonclassic Rwdd1
Sod23	5.02E-19	0.925838	0.268	0.19	1.23E-14	Nonclassic Sod2
Tmem1342	6.49E-19	0.883401	0.336	0.254	1.59E-14	Nonclassic Tmem134

Cox8a4	9.50E-19	0.268169	0.837	0.784	2.33E-14	Nonclassic Cox8a
Rps253	9.55E-19	0.408186	0.696	0.639	2.34E-14	Nonclassic Rps25
Zfp7063	1.01E-18	0.551608	0.563	0.503	2.47E-14	Nonclassic Zfp706
Ramp11	1.16E-18	0.732853	0.332	0.246	2.85E-14	Nonclassic Ramp1
Tmem1603	1.19E-18	0.710678	0.374	0.294	2.92E-14	Nonclassic Tmem160
Mkrn13	1.63E-18	0.564814	0.386	0.3	3.98E-14	Nonclassic Mkrn1
Prdx23	2.41E-18	0.599614	0.429	0.351	5.91E-14	Nonclassic Prdx2
Ldha4	2.51E-18	0.505355	0.527	0.445	6.14E-14	Nonclassic Ldha
Zbp14	2.75E-18	0.723182	0.262	0.18	6.74E-14	Nonclassic Zbp1
Gpi14	3.60E-18	0.512577	0.527	0.454	8.83E-14	Nonclassic Gpi1
Atp5md3	3.99E-18	0.607575	0.481	0.404	9.78E-14	Nonclassic Atp5md
Atp5o4	7.30E-18	0.631217	0.458	0.38	1.79E-13	Nonclassic Atp5o
Rassf41	8.21E-18	0.699738	0.451	0.387	2.01E-13	Nonclassic Rassf4
Mrps243	8.72E-18	0.778147	0.359	0.279	2.14E-13	Nonclassic Mrps24
Ago2	9.81E-18	0.819451	0.251	0.173	2.40E-13	Nonclassic Ago2
Raf11	1.01E-17	0.836347	0.268	0.188	2.48E-13	Nonclassic Raf1
Serbp12	1.13E-17	0.627107	0.476	0.407	2.76E-13	Nonclassic Serbp1
Card193	1.20E-17	0.700558	0.331	0.249	2.94E-13	Nonclassic Card19
Mcmbp	1.71E-17	0.757999	0.252	0.172	4.20E-13	Nonclassic Mcmbp
Ndufb94	3.66E-17	0.518911	0.517	0.451	8.96E-13	Nonclassic Ndufb9
Cox7a25	4.25E-17	0.497424	0.533	0.462	1.04E-12	Nonclassic Cox7a2
Bnip3l2	4.54E-17	0.539481	0.434	0.357	1.11E-12	Nonclassic Bnip3l
Etfb2	4.69E-17	0.714745	0.353	0.278	1.15E-12	Nonclassic Etfb
Map1lc3b4	6.28E-17	0.602479	0.42	0.346	1.54E-12	Nonclassic Map1lc3b
Atp2b13	6.57E-17	0.5702	0.519	0.458	1.61E-12	Nonclassic Atp2b1
Psmb43	7.35E-17	0.736907	0.358	0.282	1.80E-12	Nonclassic Psmb4
Snrpd32	8.03E-17	0.745324	0.321	0.242	1.97E-12	Nonclassic Snrpd3
Eif3a3	8.29E-17	0.625969	0.419	0.343	2.03E-12	Nonclassic Eif3a
Hnrnpab2	1.07E-16	0.660322	0.416	0.341	2.63E-12	Nonclassic Hnrnpab
Fam49b1	1.10E-16	0.287541	0.739	0.746	2.69E-12	Nonclassic Fam49b
Hck3	1.13E-16	0.602142	0.58	0.557	2.78E-12	Nonclassic Hck
Ndufb84	1.50E-16	0.542934	0.471	0.395	3.68E-12	Nonclassic Ndufb8
Lsm43	1.54E-16	0.771181	0.334	0.258	3.78E-12	Nonclassic Lsm4
Cbl2	1.73E-16	0.567851	0.447	0.37	4.24E-12	Nonclassic Cbl
Stat6	1.78E-16	0.762091	0.286	0.209	4.35E-12	Nonclassic Stat6
Bax2	1.80E-16	0.560265	0.441	0.364	4.40E-12	Nonclassic Bax
Ptp4a21	2.03E-16	0.448851	0.564	0.498	4.98E-12	Nonclassic Ptp4a2
Llph2	2.20E-16	0.814079	0.313	0.237	5.40E-12	Nonclassic Llph
Nme14	2.43E-16	0.788192	0.338	0.262	5.95E-12	Nonclassic Nme1
Eef1b24	3.35E-16	0.26557	0.74	0.68	8.21E-12	Nonclassic Eef1b2
Chmp2a3	3.70E-16	0.647603	0.386	0.309	9.06E-12	Nonclassic Chmp2a
Ccm2	3.83E-16	0.791833	0.34	0.263	9.38E-12	Nonclassic Ccm2
Mrp1202	4.39E-16	0.722996	0.336	0.259	1.07E-11	Nonclassic Mrp120
mt-Nd42	4.42E-16	0.327174	0.805	0.741	1.08E-11	Nonclassic mt-Nd4

Atp5j23	4.76E-16	0.443899	0.586	0.521	1.17E-11	Nonclassic Atp5j2
Aurkaip15	5.38E-16	0.704635	0.336	0.262	1.32E-11	Nonclassic Aurkaip1
Mrpl542	6.79E-16	0.849129	0.268	0.196	1.66E-11	Nonclassic Mrpl54
Prkce1	7.07E-16	0.442483	0.271	0.187	1.73E-11	Nonclassic Prkce
Cox7c2	7.09E-16	0.442227	0.633	0.575	1.74E-11	Nonclassic Cox7c
Lyst1	7.59E-16	0.81983	0.302	0.227	1.86E-11	Nonclassic Lyst
Eif4g21	8.94E-16	0.519012	0.519	0.448	2.19E-11	Nonclassic Eif4g2
Ube2s4	1.07E-15	0.761158	0.327	0.255	2.62E-11	Nonclassic Ube2s
Cdc42se22	1.13E-15	0.64848	0.354	0.274	2.78E-11	Nonclassic Cdc42se2
Rb11	1.51E-15	0.645079	0.3	0.221	3.70E-11	Nonclassic Rb1
Nrros1	1.68E-15	0.47544	0.576	0.529	4.13E-11	Nonclassic Nrros
Hsp90aa11	2.09E-15	0.769802	0.397	0.33	5.12E-11	Nonclassic Hsp90aa1
Ube2b1	2.21E-15	0.562726	0.438	0.364	5.42E-11	Nonclassic Ube2b
Far11	2.98E-15	0.604472	0.271	0.193	7.30E-11	Nonclassic Far1
Bola23	3.96E-15	0.930854	0.298	0.229	9.70E-11	Nonclassic Bola2
Actn4	4.57E-15	0.842498	0.252	0.183	1.12E-10	Nonclassic Actn4
Hacd43	5.05E-15	0.697318	0.292	0.217	1.24E-10	Nonclassic Hacd4
Tgfb11	5.66E-15	0.443263	0.638	0.623	1.39E-10	Nonclassic Tgfb1
Arap11	5.98E-15	0.751687	0.312	0.24	1.46E-10	Nonclassic Arap1
Aldoa4	7.00E-15	0.286718	0.661	0.596	1.71E-10	Nonclassic Aldoa
Zeb21	7.72E-15	0.318133	0.772	0.761	1.89E-10	Nonclassic Zeb2
Ndufb113	8.28E-15	0.510346	0.492	0.432	2.03E-10	Nonclassic Ndufb11
Hnrnpa2b1	8.57E-15	0.304469	0.728	0.721	2.10E-10	Nonclassic Hnrnpa2b1
Plcg21	1.04E-14	0.45301	0.509	0.449	2.54E-10	Nonclassic Plcg2
Sfr11	1.07E-14	0.719396	0.332	0.26	2.62E-10	Nonclassic Sfr1
Mier1	1.17E-14	0.67169	0.359	0.286	2.86E-10	Nonclassic Mier1
Cdc40	1.22E-14	0.821307	0.256	0.186	2.99E-10	Nonclassic Cdc40
Birc61	1.29E-14	0.602546	0.413	0.34	3.16E-10	Nonclassic Birc6
Rps284	1.31E-14	0.362559	0.794	0.758	3.21E-10	Nonclassic Rps28
Cul3	1.40E-14	0.704956	0.3	0.226	3.44E-10	Nonclassic Cul3
Atp5a14	1.85E-14	0.451084	0.528	0.472	4.52E-10	Nonclassic Atp5a1
Ankrd441	2.03E-14	0.357754	0.597	0.535	4.98E-10	Nonclassic Ankrd44
Fkbp1a3	2.25E-14	0.626004	0.409	0.337	5.51E-10	Nonclassic Fkbp1a
Ptgds3	2.86E-14	0.496853	0.336	0.254	6.99E-10	Nonclassic Ptgds
Atg31	3.87E-14	0.630524	0.309	0.237	9.48E-10	Nonclassic Atg3
Rock12	4.08E-14	0.56635	0.381	0.308	1.00E-09	Nonclassic Rock1
Mdh24	5.17E-14	0.569163	0.424	0.356	1.27E-09	Nonclassic Mdh2
Lrrc8d1	5.33E-14	0.687244	0.35	0.28	1.31E-09	Nonclassic Lrrc8d
Cwc152	5.41E-14	0.64642	0.38	0.311	1.32E-09	Nonclassic Cwc15
Fgfr1op21	5.87E-14	0.676691	0.335	0.267	1.44E-09	Nonclassic Fgfr1op2
Zc3hav13	6.13E-14	0.767545	0.308	0.239	1.50E-09	Nonclassic Zc3hav1
Cib11	6.48E-14	0.656152	0.261	0.191	1.59E-09	Nonclassic Cib1
Sri3	6.75E-14	0.541611	0.391	0.323	1.65E-09	Nonclassic Sri
Tmem1312	6.94E-14	0.700442	0.375	0.308	1.70E-09	Nonclassic Tmem131

Ndufb33	7.25E-14	0.677077	0.373	0.306	1.78E-09	Nonclassic Ndufb3
Pip4k2a1	9.26E-14	0.270233	0.697	0.655	2.27E-09	Nonclassic Pip4k2a
Atp6v1e13	1.05E-13	0.685615	0.358	0.291	2.57E-09	Nonclassic Atp6v1e1
Hnrnpd1	1.22E-13	0.579417	0.399	0.333	2.98E-09	Nonclassic Hnrnpd
Tomm223	1.44E-13	0.585187	0.393	0.328	3.53E-09	Nonclassic Tomm22
Alyref2	1.57E-13	0.764679	0.277	0.21	3.84E-09	Nonclassic Alyref
Eif3e2	1.59E-13	0.635569	0.37	0.307	3.90E-09	Nonclassic Eif3e
Mrps213	1.62E-13	0.597716	0.41	0.346	3.96E-09	Nonclassic Mrps21
Sap181	2.84E-13	0.697128	0.355	0.291	6.94E-09	Nonclassic Sap18
Ncor12	2.88E-13	0.476453	0.477	0.414	7.05E-09	Nonclassic Ncor1
Gnb12	3.62E-13	0.425755	0.544	0.489	8.87E-09	Nonclassic Gnb1
Arhgdia3	3.73E-13	0.385368	0.586	0.535	9.13E-09	Nonclassic Arhgdia
Akna1	3.93E-13	0.628124	0.285	0.214	9.62E-09	Nonclassic Akna
Dctn33	7.15E-13	0.673866	0.342	0.277	1.75E-08	Nonclassic Dctn3
1810058l2	7.18E-13	0.636046	0.332	0.264	1.76E-08	Nonclassic 1810058l24Rik
Rac1	9.05E-13	0.290756	0.683	0.664	2.22E-08	Nonclassic Rac1
Tank1	1.02E-12	0.771271	0.275	0.21	2.50E-08	Nonclassic Tank
Rpl143	1.09E-12	0.25195	0.776	0.717	2.68E-08	Nonclassic Rpl14
Rin32	1.20E-12	0.505917	0.31	0.237	2.95E-08	Nonclassic Rin3
Adipor13	1.28E-12	0.43666	0.5	0.441	3.14E-08	Nonclassic Adipor1
Eif4ebp2	1.35E-12	0.701477	0.273	0.208	3.31E-08	Nonclassic Eif4ebp2
Vamp4	1.49E-12	0.687153	0.328	0.263	3.64E-08	Nonclassic Vamp4
Rps174	1.59E-12	0.402086	0.614	0.565	3.90E-08	Nonclassic Rps17
Tab21	2.47E-12	0.59441	0.407	0.345	6.05E-08	Nonclassic Tab2
Smchd11	2.85E-12	0.641585	0.325	0.259	6.98E-08	Nonclassic Smchd1
Fam174a2	3.39E-12	0.653763	0.376	0.317	8.30E-08	Nonclassic Fam174a
Sf3b11	3.41E-12	0.46981	0.532	0.487	8.35E-08	Nonclassic Sf3b1
Atp6v0e2	3.53E-12	0.359779	0.614	0.564	8.65E-08	Nonclassic Atp6v0e
Rel1	4.17E-12	0.682526	0.351	0.29	1.02E-07	Nonclassic Rel
Ralbp12	4.18E-12	0.667214	0.302	0.237	1.02E-07	Nonclassic Ralbp1
Atp6v1f4	5.77E-12	0.313736	0.625	0.559	1.41E-07	Nonclassic Atp6v1f
Epsti12	1.13E-11	0.420833	0.468	0.413	2.78E-07	Nonclassic Epsti1
Gtf2h52	1.24E-11	0.682006	0.266	0.203	3.04E-07	Nonclassic Gtf2h5
Ndufa16	1.30E-11	0.550342	0.395	0.332	3.19E-07	Nonclassic Ndufa1
Mia21	1.31E-11	0.576993	0.399	0.34	3.21E-07	Nonclassic Mia2
Psme23	1.49E-11	0.28052	0.582	0.521	3.65E-07	Nonclassic Psme2
Sumo12	1.64E-11	0.511857	0.391	0.326	4.02E-07	Nonclassic Sumo1
Csk2	1.86E-11	0.570857	0.412	0.359	4.56E-07	Nonclassic Csk
Ncor21	2.08E-11	0.505763	0.355	0.287	5.10E-07	Nonclassic Ncor2
Lamtor52	2.26E-11	0.603115	0.306	0.246	5.53E-07	Nonclassic Lamtor5
Srp143	2.28E-11	0.523377	0.428	0.368	5.58E-07	Nonclassic Srp14
Sbno2	2.58E-11	0.625773	0.26	0.197	6.33E-07	Nonclassic Sbno2
Cox172	2.74E-11	0.609938	0.406	0.349	6.70E-07	Nonclassic Cox17
H131	3.41E-11	0.570539	0.379	0.325	8.35E-07	Nonclassic H13

Atp6v1b23	3.65E-11	0.668939	0.385	0.338	8.94E-07	Nonclassic Atp6v1b2
Tlr131	3.81E-11	0.624897	0.301	0.238	9.32E-07	Nonclassic Tlr13
Nfkbia4	3.87E-11	0.259655	0.556	0.489	9.49E-07	Nonclassic Nfkbia
Ndufa74	4.76E-11	0.39218	0.543	0.497	1.17E-06	Nonclassic Ndufa7
Sumo22	5.27E-11	0.38009	0.558	0.513	1.29E-06	Nonclassic Sumo2
Mbd24	5.50E-11	0.630618	0.315	0.255	1.35E-06	Nonclassic Mbd2
Brk12	6.07E-11	0.421845	0.528	0.487	1.49E-06	Nonclassic Brk1
Cap11	6.38E-11	0.408492	0.541	0.51	1.56E-06	Nonclassic Cap1
Ubxn13	7.29E-11	0.528169	0.439	0.389	1.78E-06	Nonclassic Ubxn1
Synj11	7.67E-11	0.56532	0.363	0.3	1.88E-06	Nonclassic Synj1
Rheb2	1.02E-10	0.547803	0.366	0.308	2.51E-06	Nonclassic Rheb
Atp5g13	1.02E-10	0.356888	0.521	0.469	2.51E-06	Nonclassic Atp5g1
Lcp22	1.05E-10	0.432752	0.497	0.455	2.56E-06	Nonclassic Lcp2
Psm131	1.08E-10	0.698715	0.275	0.218	2.63E-06	Nonclassic Psm131
Sra12	1.33E-10	0.697266	0.257	0.199	3.26E-06	Nonclassic Sra1
Ndufs63	1.45E-10	0.729753	0.267	0.211	3.54E-06	Nonclassic Ndufs6
Mien13	1.68E-10	0.719694	0.258	0.202	4.12E-06	Nonclassic Mien1
Map3k1	1.75E-10	0.723418	0.266	0.209	4.29E-06	Nonclassic Map3k1
Ggnbp21	1.97E-10	0.6262	0.328	0.27	4.81E-06	Nonclassic Ggnbp2
Mef2d	2.10E-10	0.683448	0.273	0.216	5.14E-06	Nonclassic Mef2d
Map2k12	2.15E-10	0.662928	0.339	0.284	5.26E-06	Nonclassic Map2k1
Fndc3a2	2.20E-10	0.587376	0.359	0.303	5.38E-06	Nonclassic Fndc3a
Srp191	2.25E-10	0.651894	0.273	0.215	5.51E-06	Nonclassic Srp19
Polr2j2	2.36E-10	0.622158	0.263	0.203	5.77E-06	Nonclassic Polr2j
Acer32	2.72E-10	0.445953	0.511	0.467	6.66E-06	Nonclassic Acer3
Chchd23	2.76E-10	0.534521	0.428	0.375	6.76E-06	Nonclassic Chchd2
Bzw1	3.27E-10	0.566949	0.33	0.273	8.01E-06	Nonclassic Bzw1
Dbnl2	3.33E-10	0.535516	0.396	0.344	8.15E-06	Nonclassic Dbnl
Capza12	4.05E-10	0.453207	0.449	0.4	9.91E-06	Nonclassic Capza1
Fam89b2	4.15E-10	0.620979	0.322	0.27	1.02E-05	Nonclassic Fam89b
Prpf40a	4.59E-10	0.52849	0.355	0.3	1.12E-05	Nonclassic Prpf40a
Slc12a61	5.33E-10	0.310141	0.464	0.395	1.30E-05	Nonclassic Slc12a6
Adcy7	5.58E-10	0.68939	0.326	0.273	1.37E-05	Nonclassic Adcy7
Ndufv23	6.63E-10	0.55954	0.354	0.296	1.62E-05	Nonclassic Ndufv2
Snf81	7.50E-10	0.649965	0.282	0.227	1.84E-05	Nonclassic Snf8
Rbx12	8.24E-10	0.408646	0.514	0.466	2.02E-05	Nonclassic Rbx1
Itgb11	8.32E-10	0.489174	0.479	0.44	2.04E-05	Nonclassic Itgb1
Copz12	8.67E-10	0.684853	0.281	0.227	2.12E-05	Nonclassic Copz1
Snx202	1.04E-09	0.54368	0.378	0.327	2.55E-05	Nonclassic Snx20
Lsm12	1.07E-09	0.697575	0.265	0.211	2.63E-05	Nonclassic Lsm12
Tprgl1	1.27E-09	0.61772	0.318	0.263	3.11E-05	Nonclassic Tprgl
Csnk2b3	1.46E-09	0.535163	0.391	0.338	3.58E-05	Nonclassic Csnk2b
Vamp84	1.60E-09	0.299549	0.631	0.596	3.93E-05	Nonclassic Vamp8
Uqcr104	1.63E-09	0.453731	0.436	0.385	3.99E-05	Nonclassic Uqcr10

Foxn31	1.68E-09	0.296878	0.719	0.725	4.10E-05	Nonclassic Foxn3
Zcrb1	1.71E-09	0.629383	0.301	0.246	4.20E-05	Nonclassic Zcrb1
21-Mar	1.96E-09	0.61432	0.256	0.202	4.79E-05	Nonclassic 2-Mar
Xbp12	2.00E-09	0.496462	0.426	0.379	4.89E-05	Nonclassic Xbp1
Sema4d2	2.05E-09	0.4248	0.488	0.442	5.01E-05	Nonclassic Sema4d
Zfp1061	2.16E-09	0.608556	0.273	0.218	5.28E-05	Nonclassic Zfp106
Ssna12	2.37E-09	0.687298	0.25	0.196	5.80E-05	Nonclassic Ssna1
Vps13b1	2.44E-09	0.480716	0.351	0.291	5.96E-05	Nonclassic Vps13b
Dnajc152	2.47E-09	0.707514	0.256	0.205	6.05E-05	Nonclassic Dnajc15
Tomm73	2.47E-09	0.511849	0.434	0.388	6.05E-05	Nonclassic Tomm7
Calhm2	2.50E-09	0.588105	0.256	0.2	6.13E-05	Nonclassic Calhm2
Rpl22l14	2.67E-09	0.399156	0.542	0.499	6.55E-05	Nonclassic Rpl22l1
Wdr12	2.79E-09	0.459665	0.419	0.366	6.82E-05	Nonclassic Wdr1
Hnrnpu	2.82E-09	0.375297	0.525	0.486	6.89E-05	Nonclassic Hnrnpu
Snx11	2.99E-09	0.632541	0.284	0.232	7.33E-05	Nonclassic Snx1
Dleu21	3.07E-09	0.305164	0.641	0.623	7.53E-05	Nonclassic Dleu2
Ssu722	3.81E-09	0.466553	0.416	0.368	9.33E-05	Nonclassic Ssu72
Pgam14	4.23E-09	0.407521	0.403	0.35	0.000104	Nonclassic Pgam1
Sf3b23	5.10E-09	0.474354	0.424	0.376	0.000125	Nonclassic Sf3b2
Tet2	5.36E-09	0.637453	0.257	0.204	0.000131	Nonclassic Tet2
Snrpc2	6.00E-09	0.621726	0.289	0.237	0.000147	Nonclassic Snrpc
Eif4a13	6.16E-09	0.313693	0.602	0.577	0.000151	Nonclassic Eif4a1
Neurl31	6.32E-09	0.529658	0.283	0.229	0.000155	Nonclassic Neurl3
Lyl13	6.83E-09	0.548445	0.294	0.24	0.000167	Nonclassic Lyl1
Atp5j5	6.84E-09	0.304676	0.581	0.545	0.000168	Nonclassic Atp5j
Cox7b4	7.91E-09	0.462549	0.421	0.368	0.000194	Nonclassic Cox7b
Tomm53	9.18E-09	0.666185	0.252	0.202	0.000225	Nonclassic Tomm5
Gpsm32	9.85E-09	0.419683	0.433	0.389	0.000241	Nonclassic Gpsm3
Pdcd62	1.15E-08	0.626588	0.257	0.207	0.000282	Nonclassic Pdcd6
Atp5b3	1.48E-08	0.320072	0.57	0.537	0.000363	Nonclassic Atp5b
Ndufb64	1.54E-08	0.553748	0.313	0.263	0.000377	Nonclassic Ndufb6
Zbtb7a1	1.66E-08	0.558208	0.329	0.279	0.000407	Nonclassic Zbtb7a
Etf1	1.84E-08	0.550867	0.281	0.23	0.000452	Nonclassic Etf1
Was1	1.89E-08	0.57343	0.293	0.242	0.000464	Nonclassic Was
Morf4l11	1.92E-08	0.285933	0.612	0.587	0.000469	Nonclassic Morf4l1
Pgls2	2.13E-08	0.438442	0.426	0.378	0.000522	Nonclassic Pgls
Uqcrb4	2.49E-08	0.378157	0.474	0.425	0.000611	Nonclassic Uqcrb
Ndufb24	3.74E-08	0.657439	0.296	0.247	0.000916	Nonclassic Ndufb2
Ndufa32	3.84E-08	0.482882	0.427	0.382	0.000939	Nonclassic Ndufa3
Ppig	4.10E-08	0.549358	0.296	0.246	0.001004	Nonclassic Ppig
Edf13	4.66E-08	0.355628	0.506	0.464	0.001141	Nonclassic Edf1
Grb2	5.49E-08	0.324359	0.553	0.517	0.001345	Nonclassic Grb2
Xiap1	5.52E-08	0.49476	0.316	0.266	0.001352	Nonclassic Xiap
Rnaseh2c3	5.85E-08	0.638412	0.275	0.228	0.001432	Nonclassic Rnaseh2c

Timm133	6.86E-08	0.463848	0.382	0.338	0.001679	Nonclassic Timm13
Kmt2e1	8.14E-08	0.435163	0.439	0.401	0.001994	Nonclassic Kmt2e
Soat13	9.17E-08	0.540042	0.332	0.288	0.002246	Nonclassic Soat1
Rnh13	9.67E-08	0.474197	0.392	0.351	0.002368	Nonclassic Rnh1
Ssr31	9.83E-08	0.602435	0.273	0.226	0.002407	Nonclassic Ssr3
Sarnp	1.26E-07	0.500336	0.332	0.286	0.003096	Nonclassic Sarnp
Ythdf31	1.50E-07	0.564048	0.257	0.209	0.003681	Nonclassic Ythdf3
Hectd12	1.53E-07	0.525086	0.321	0.276	0.003747	Nonclassic Hectd1
Etfa2	1.54E-07	0.584555	0.264	0.219	0.003769	Nonclassic Etfa
Higd1a1	1.56E-07	0.552921	0.252	0.204	0.003813	Nonclassic Higd1a
Ndufb54	1.60E-07	0.422533	0.414	0.375	0.003929	Nonclassic Ndufb5
Tifab2	1.73E-07	0.499931	0.348	0.306	0.004237	Nonclassic Tifab
Rgs21	1.74E-07	0.467375	0.434	0.397	0.004267	Nonclassic Rgs2
Tcf7l21	2.00E-07	0.643669	0.27	0.227	0.004902	Nonclassic Tcf7l2
Riok31	2.01E-07	0.531567	0.275	0.23	0.004918	Nonclassic Riok3
Pfdn23	2.63E-07	0.588773	0.319	0.278	0.006433	Nonclassic Pfdn2
Abi11	2.67E-07	0.461517	0.417	0.379	0.006534	Nonclassic Abi1
Cop12	2.74E-07	0.474231	0.263	0.214	0.006712	Nonclassic Cop1
Sik31	2.76E-07	0.465112	0.253	0.203	0.006769	Nonclassic Sik3
Mrpl43	2.96E-07	0.520308	0.258	0.214	0.007254	Nonclassic Mrpl4
Psma42	3.17E-07	0.597444	0.288	0.244	0.007752	Nonclassic Psma4
Dnajc8	3.54E-07	0.556153	0.306	0.259	0.008664	Nonclassic Dnajc8
Timm231	3.60E-07	0.546918	0.317	0.273	0.008815	Nonclassic Timm23
Rab1b2	4.59E-07	0.49444	0.307	0.264	0.011248	Nonclassic Rab1b
Atf61	4.90E-07	0.488156	0.308	0.263	0.012009	Nonclassic Atf6
Ptbp32	5.86E-07	0.333131	0.518	0.487	0.014345	Nonclassic Ptbp3
Eif3i3	5.89E-07	0.532478	0.367	0.327	0.014425	Nonclassic Eif3i
Rab101	6.43E-07	0.519878	0.397	0.361	0.015749	Nonclassic Rab10
Pgd3	6.53E-07	0.413875	0.325	0.28	0.015981	Nonclassic Pgd
Psmb12	6.82E-07	0.387848	0.438	0.405	0.016694	Nonclassic Psmb1
Vps13c1	6.91E-07	0.590894	0.256	0.211	0.016921	Nonclassic Vps13c
Mapk31	8.08E-07	0.409341	0.375	0.334	0.019795	Nonclassic Mapk3
Actr22	8.61E-07	0.31796	0.523	0.503	0.021078	Nonclassic Actr2
Tcf251	8.96E-07	0.41905	0.424	0.387	0.021937	Nonclassic Tcf25
Txn22	9.79E-07	0.531998	0.295	0.252	0.023969	Nonclassic Txn2
Spag91	1.09E-06	0.490195	0.35	0.305	0.026761	Nonclassic Spag9
Timm10b2	1.18E-06	0.358757	0.466	0.435	0.028806	Nonclassic Timm10b
Uqcc24	1.28E-06	0.46689	0.328	0.287	0.031441	Nonclassic Uqcc2
Mrps142	1.63E-06	0.518794	0.293	0.25	0.039871	Nonclassic Mrps14
Dock112	1.87E-06	0.280436	0.355	0.303	0.045842	Nonclassic Dock11
Snu132	1.87E-06	0.513324	0.353	0.319	0.04585	Nonclassic Snu13
Vdac31	2.14E-06	0.481314	0.289	0.247	0.052429	Nonclassic Vdac3
Akt1	2.50E-06	0.416842	0.326	0.285	0.061319	Nonclassic Akt1
Pomp4	2.62E-06	0.252655	0.572	0.552	0.064194	Nonclassic Pomp

Wdr261	2.68E-06	0.36653	0.395	0.352	0.065628	Nonclassic Wdr26
Uqcr112	2.69E-06	0.344792	0.468	0.432	0.065913	Nonclassic Uqcr11
Lnpep1	3.15E-06	0.376098	0.426	0.393	0.077125	Nonclassic Lnpep
Hfe2	3.21E-06	0.818446	0.296	0.265	0.078552	Nonclassic Hfe
Irf21	4.13E-06	0.362156	0.465	0.439	0.101106	Nonclassic Irf2
Kxd12	4.15E-06	0.530764	0.285	0.246	0.101517	Nonclassic Kxd1
Osbpl81	4.46E-06	0.506232	0.296	0.256	0.10934	Nonclassic Osbpl8
Zfp207	4.63E-06	0.469118	0.277	0.235	0.113431	Nonclassic Zfp207
Emg11	6.07E-06	0.454267	0.297	0.258	0.148668	Nonclassic Emg1
Flii2	6.75E-06	0.535364	0.27	0.233	0.165275	Nonclassic Flii
Ndufa134	6.79E-06	0.279095	0.562	0.538	0.166204	Nonclassic Ndufa13
Itch2	7.02E-06	0.350779	0.379	0.338	0.171948	Nonclassic Itch
Cct82	7.35E-06	0.499396	0.296	0.259	0.179974	Nonclassic Cct8
Bloc1s14	7.60E-06	0.61925	0.263	0.228	0.185995	Nonclassic Bloc1s1
Pik3r51	7.65E-06	0.409364	0.287	0.244	0.187256	Nonclassic Pik3r5
Atf7ip2	7.84E-06	0.412048	0.315	0.275	0.191947	Nonclassic Atf7ip
Ube2k1	8.09E-06	0.459171	0.321	0.282	0.198199	Nonclassic Ube2k
Hnrnp21	9.40E-06	0.607045	0.254	0.216	0.230143	Nonclassic Hnrnp21
Cox7a2l3	9.59E-06	0.348443	0.483	0.46	0.2348	Nonclassic Cox7a2l
Arl6ip51	9.65E-06	0.405282	0.409	0.382	0.236238	Nonclassic Arl6ip5
Snx32	1.01E-05	0.298871	0.477	0.446	0.247554	Nonclassic Snx3
Ndufs42	1.13E-05	0.469927	0.334	0.301	0.277603	Nonclassic Ndufs4
Bcl102	1.50E-05	0.427622	0.302	0.264	0.367765	Nonclassic Bcl10
H2afv2	1.54E-05	0.571387	0.284	0.248	0.377259	Nonclassic H2afv
Hist1h1e3	1.63E-05	0.331144	0.325	0.284	0.39905	Nonclassic Hist1h1e
Pbxip11	1.78E-05	0.586968	0.283	0.251	0.436798	Nonclassic Pbxip1
Reep52	1.92E-05	0.271673	0.593	0.579	0.46965	Nonclassic Reep5
Set1	2.28E-05	0.41432	0.357	0.321	0.557701	Nonclassic Set
Smurf21	2.43E-05	0.539057	0.278	0.24	0.596205	Nonclassic Smurf2
Atp5mpl5	2.68E-05	0.352747	0.453	0.42	0.656519	Nonclassic Atp5mpl
Mettl91	2.87E-05	0.529042	0.269	0.234	0.701631	Nonclassic Mettl9
Stag21	2.97E-05	0.349148	0.3	0.261	0.726704	Nonclassic Stag2
Ube2r21	3.01E-05	0.477404	0.279	0.243	0.736539	Nonclassic Ube2r2
Ran2	3.39E-05	0.399077	0.387	0.358	0.830764	Nonclassic Ran
Xrn21	3.41E-05	0.426609	0.295	0.26	0.834929	Nonclassic Xrn2
Pdcd10	4.20E-05	0.418591	0.306	0.27	1	Nonclassic Pdcd10
Psma63	4.42E-05	0.445378	0.306	0.272	1	Nonclassic Psma6
Rab211	4.83E-05	0.4197	0.272	0.237	1	Nonclassic Rab21
Nipbl1	5.09E-05	0.30146	0.475	0.45	1	Nonclassic Nipbl
Brd21	5.12E-05	0.446065	0.3	0.266	1	Nonclassic Brd2
Ndufa23	5.12E-05	0.34933	0.467	0.438	1	Nonclassic Ndufa2
Ogdh1	5.18E-05	0.468	0.305	0.272	1	Nonclassic Ogdh
Limd24	5.96E-05	0.293062	0.605	0.6	1	Nonclassic Limd2
Hnrnmp	7.11E-05	0.431579	0.329	0.299	1	Nonclassic Hnrnmp

Hnrnpk1	7.27E-05	0.277349	0.559	0.554	1 Nonclassic Hnrnpk
Map7d12	8.49E-05	0.488076	0.256	0.223	1 Nonclassic Map7d1
Purb1	8.56E-05	0.441949	0.338	0.309	1 Nonclassic Purb
Brd41	9.44E-05	0.314635	0.406	0.377	1 Nonclassic Brd4
Eif3m3	9.45E-05	0.429292	0.314	0.283	1 Nonclassic Eif3m
Tmed21	0.000105	0.280416	0.485	0.468	1 Nonclassic Tmed2
Trir1	0.00011	0.380168	0.38	0.356	1 Nonclassic Trir
Cisd21	0.000115	0.428602	0.29	0.257	1 Nonclassic Cisd2
Atad2b1	0.00013	0.403216	0.264	0.229	1 Nonclassic Atad2b
Csde12	0.000142	0.415332	0.304	0.273	1 Nonclassic Csde1
Rp91	0.000148	0.409914	0.331	0.305	1 Nonclassic Rp9
Snrpf3	0.000156	0.505236	0.3	0.273	1 Nonclassic Snrpf
Tm6sf12	0.000158	0.257563	0.402	0.37	1 Nonclassic Tm6sf1
Tmem14c4	0.000165	0.325544	0.462	0.444	1 Nonclassic Tmem14c
Ppp1r9b2	0.000166	0.408866	0.263	0.23	1 Nonclassic Ppp1r9b
U2af11	0.000173	0.375878	0.315	0.286	1 Nonclassic U2af1
Phf20l12	0.000183	0.342274	0.336	0.303	1 Nonclassic Phf20l1
Eif4h1	0.00019	0.423555	0.327	0.3	1 Nonclassic Eif4h
Mapk1	0.000197	0.428508	0.3	0.268	1 Nonclassic Mapk1
Paip21	0.000198	0.360598	0.327	0.297	1 Nonclassic Paip2
Uqcrc11	0.000199	0.452356	0.363	0.341	1 Nonclassic Uqcrc1
Csf2rb3	0.000222	0.541864	0.287	0.259	1 Nonclassic Csf2rb
Prrc2c1	0.000228	0.367844	0.391	0.369	1 Nonclassic Prrc2c
Polr2g2	0.000235	0.537368	0.256	0.229	1 Nonclassic Polr2g
Pxn1	0.000289	0.361398	0.254	0.221	1 Nonclassic Pxn
Swi53	0.00029	0.333147	0.406	0.382	1 Nonclassic Swi5
Polr2a1	0.00033	0.470855	0.295	0.268	1 Nonclassic Polr2a
Wipf11	0.000339	0.273789	0.407	0.382	1 Nonclassic Wipf1
Cd483	0.000342	0.384982	0.42	0.406	1 Nonclassic Cd48
Cct53	0.000351	0.459981	0.296	0.272	1 Nonclassic Cct5
Srsf3	0.000352	0.365929	0.422	0.406	1 Nonclassic Srsf3
Chmp52	0.000359	0.411729	0.254	0.224	1 Nonclassic Chmp5
Aplp23	0.000373	0.387831	0.307	0.278	1 Nonclassic Aplp2
Ier3ip11	0.000394	0.404271	0.309	0.282	1 Nonclassic Ier3ip1
Trappc42	0.000403	0.420766	0.285	0.257	1 Nonclassic Trappc4
Epn11	0.000456	0.361994	0.388	0.366	1 Nonclassic Epn1
Ube2d2a	0.00048	0.303412	0.454	0.433	1 Nonclassic Ube2d2a
Usp251	0.000492	0.307245	0.29	0.258	1 Nonclassic Usp25
Yy11	0.000568	0.456445	0.266	0.237	1 Nonclassic Yy1
N4bp13	0.000587	0.454007	0.267	0.241	1 Nonclassic N4bp1
Eef1g2	0.000656	0.391094	0.405	0.385	1 Nonclassic Eef1g
Eif52	0.000663	0.322158	0.37	0.349	1 Nonclassic Eif5
Rexo22	0.000698	0.41496	0.256	0.228	1 Nonclassic Rexo2
Sep-71	0.000835	0.386334	0.344	0.321	1 Nonclassic 7-Sep

Nol71	0.000856	0.485505	0.286	0.262	1 Nonclassic Nol7
Rab2a1	0.000883	0.263202	0.525	0.524	1 Nonclassic Rab2a
Tmem2582	0.001014	0.309659	0.422	0.41	1 Nonclassic Tmem258
Psm41	0.001029	0.430307	0.287	0.261	1 Nonclassic Psm4
Cope2	0.001061	0.338031	0.402	0.388	1 Nonclassic Cope
Gabarapl2	0.001069	0.302256	0.4	0.38	1 Nonclassic Gabarapl2
Snw11	0.001084	0.471832	0.252	0.225	1 Nonclassic Snw1
Chd41	0.001132	0.332303	0.34	0.318	1 Nonclassic Chd4
Rbm422	0.001204	0.384538	0.28	0.256	1 Nonclassic Rbm42
Drap13	0.001248	0.340083	0.372	0.352	1 Nonclassic Drap1
Sfpq	0.001291	0.298036	0.379	0.357	1 Nonclassic Sfpq
Rab11b1	0.001306	0.310113	0.38	0.363	1 Nonclassic Rab11b
Cenpx3	0.001398	0.453008	0.303	0.282	1 Nonclassic Cenpx
mt-Nd51	0.001425	0.292798	0.602	0.61	1 Nonclassic mt-Nd5
Ppp2ca	0.001433	0.324669	0.371	0.348	1 Nonclassic Ppp2ca
Ndufs21	0.001439	0.420719	0.292	0.27	1 Nonclassic Ndufs2
Atp6v0d12	0.001516	0.295108	0.395	0.374	1 Nonclassic Atp6v0d1
Csnk1a11	0.001657	0.317557	0.391	0.374	1 Nonclassic Csnk1a1
Uvrag1	0.001715	0.251906	0.461	0.447	1 Nonclassic Uvrag
Spg213	0.001779	0.417767	0.268	0.244	1 Nonclassic Spg21
Emc6	0.001802	0.407773	0.271	0.249	1 Nonclassic Emc6
Dnaja22	0.001864	0.404438	0.329	0.306	1 Nonclassic Dnaja2
Ube2l31	0.001884	0.35127	0.325	0.307	1 Nonclassic Ube2l3
Sf11	0.001973	0.409316	0.344	0.329	1 Nonclassic Sf1
Ythdc11	0.00206	0.381218	0.287	0.263	1 Nonclassic Ythdc1
Fam104a2	0.002082	0.37825	0.258	0.235	1 Nonclassic Fam104a
Dek3	0.002249	0.459291	0.278	0.255	1 Nonclassic Dek
Pdcd51	0.002251	0.377274	0.319	0.295	1 Nonclassic Pdcd5
Dpm1	0.002528	0.369799	0.333	0.312	1 Nonclassic Dpm1
Arpc1a1	0.0026	0.330825	0.308	0.286	1 Nonclassic Arpc1a
Eloc	0.002723	0.353047	0.317	0.296	1 Nonclassic Eloc
Dusp111	0.002748	0.356825	0.26	0.236	1 Nonclassic Dusp11
Rnf115	0.002809	0.296466	0.254	0.227	1 Nonclassic Rnf115
Ak23	0.00292	0.427925	0.294	0.275	1 Nonclassic Ak2
Lrrc252	0.003019	0.271194	0.386	0.368	1 Nonclassic Lrrc25
Ubxn4	0.003064	0.35451	0.319	0.298	1 Nonclassic Ubxn4
Tspan133	0.00312	0.256121	0.393	0.367	1 Nonclassic Tspan13
Pcbp21	0.003229	0.299548	0.365	0.349	1 Nonclassic Pcbp2
Psma33	0.003545	0.26539	0.433	0.424	1 Nonclassic Psma3
Skp1a2	0.003875	0.305855	0.36	0.343	1 Nonclassic Skp1a
Dynlrb13	0.004097	0.363081	0.34	0.324	1 Nonclassic Dynlrb1
Eif3c1	0.004531	0.367584	0.359	0.342	1 Nonclassic Eif3c
Lman22	0.004756	0.390499	0.323	0.306	1 Nonclassic Lman2
Cct72	0.005391	0.353939	0.281	0.263	1 Nonclassic Cct7

Plekhj11	0.005585	0.348846	0.315	0.3	1 Nonclassic Plekhj1
Tmem179b	0.005687	0.304704	0.424	0.419	1 Nonclassic Tmem179b
Ndufc14	0.007169	0.394315	0.304	0.286	1 Nonclassic Ndufc1
Naip2	0.007925	0.32008	0.258	0.237	1 Nonclassic Naip2
Prrc2a1	0.007947	0.326634	0.328	0.309	1 Nonclassic Prrc2a
Med283	0.008344	0.285114	0.374	0.361	1 Nonclassic Med28
Eif4b3	0.008379	0.379157	0.302	0.288	1 Nonclassic Eif4b
Tcea1	0.008448	0.41404	0.304	0.289	1 Nonclassic Tcea1
Napsa2	0	4.805041	0.894	0.049	0 cDC1 Napsa
Plbd13	0	4.188713	0.923	0.103	0 cDC1 Plbd1
Vim3	0	3.554854	0.942	0.181	0 cDC1 Vim
Lsp13	0	3.446778	0.942	0.188	0 cDC1 Lsp1
S100a113	0	2.422585	0.887	0.135	0 cDC1 S100a11
Crip12	0	4.052204	0.907	0.168	0 cDC1 Crip1
S100a63	0	2.614145	0.838	0.105	0 cDC1 S100a6
Lgals34	0	2.389159	0.869	0.175	0 cDC1 Lgals3
Itgb71	0	4.761754	0.724	0.03	0 cDC1 Itgb7
Slamf71	0	3.425238	0.79	0.099	0 cDC1 Slamf7
Cnn23	0	2.817151	0.788	0.109	0 cDC1 Cnn2
Fxyd53	0	2.714812	0.938	0.279	0 cDC1 Fxyd5
Anxa23	0	2.577992	0.773	0.125	0 cDC1 Anxa2
Olfm11	0	3.499536	0.716	0.07	0 cDC1 Olfm1
Gsn2	0	3.065352	0.75	0.113	0 cDC1 Gsn
Cbfa2t31	0	2.734539	0.772	0.137	0 cDC1 Cbfa2t3
Alcam1	0	3.798037	0.691	0.057	0 cDC1 Alcam
Trerf11	0	4.542121	0.671	0.04	0 cDC1 Trerf1
Plp21	0	3.962731	0.66	0.034	0 cDC1 Plp2
Cytip2	0	2.670729	0.69	0.07	0 cDC1 Cytip
lqgap14	0	1.998252	0.766	0.155	0 cDC1 lqgap1
Lgals13	0	2.827746	0.757	0.151	0 cDC1 Lgals1
Ccr22	0	3.09397	0.656	0.055	0 cDC1 Ccr2
Jaml	0	4.837606	0.613	0.017	0 cDC1 Jaml
Zyx3	0	2.523922	0.831	0.244	0 cDC1 Zyx
Rnase63	0	2.488205	0.752	0.172	0 cDC1 Rnase6
H2-DMb21	0	3.679993	0.651	0.083	0 cDC1 H2-DMb2
S100a42	0	3.937949	0.616	0.048	0 cDC1 S100a4
Dpp4	0	5.234956	0.577	0.013	0 cDC1 Dpp4
Ciita1	0	2.900042	0.659	0.099	0 cDC1 Ciita
Ahnak3	0	2.964876	0.654	0.095	0 cDC1 Ahnak
Tagln22	0	2.83724	0.759	0.202	0 cDC1 Tagln2
S100a102	0	3.546304	0.647	0.091	0 cDC1 S100a10
Pim15	0	2.391292	0.68	0.134	0 cDC1 Pim1
Bri3bp1	0	2.579172	0.655	0.116	0 cDC1 Bri3bp
Arhgap154	0	1.484632	0.806	0.268	0 cDC1 Arhgap15

Ass11	0	3.508532	0.573	0.047	0 cDC1	Ass1
Anxa13	0	1.589344	0.574	0.052	0 cDC1	Anxa1
Flt3	0	4.940444	0.532	0.015	0 cDC1	Flt3
Kmo	0	6.601171	0.522	0.007	0 cDC1	Kmo
Anxa54	0	1.51816	0.799	0.294	0 cDC1	Anxa5
Pfkp1	0	3.342575	0.565	0.061	0 cDC1	Pfkp
Cd209a	0	8.040779	0.506	0.005	0 cDC1	Cd209a
Slfn25	0	1.697397	0.785	0.285	0 cDC1	Slfn2
H2afy2	0	2.106111	0.867	0.367	0 cDC1	H2afy
Jak21	0	2.275248	0.637	0.137	0 cDC1	Jak2
Sh3bgrl4	0	2.202233	0.624	0.124	0 cDC1	Sh3bgrl
Itpr1	0	2.472799	0.593	0.096	0 cDC1	Itpr1
Anp32b3	0	1.591563	0.761	0.278	0 cDC1	Anp32b
St3gal42	0	2.277415	0.596	0.115	0 cDC1	St3gal4
Nap1113	0	1.76392	0.699	0.218	0 cDC1	Nap111
Cfp1	0	3.40788	0.533	0.053	0 cDC1	Cfp
1700025Gc	0	3.562133	0.511	0.035	0 cDC1	1700025G04Rik
Ms4a6c3	0	1.79681	0.749	0.273	0 cDC1	Ms4a6c
Klrd1	0	4.714831	0.496	0.023	0 cDC1	Klrd1
Emp34	0	2.049359	0.683	0.212	0 cDC1	Emp3
Ccnd13	0	2.118297	0.673	0.205	0 cDC1	Ccnd1
Myadm1	0	1.601386	0.662	0.201	0 cDC1	Myadm
Itga43	0	1.914196	0.562	0.103	0 cDC1	Itga4
Pkib2	0	2.099899	0.651	0.192	0 cDC1	Pkib
Bloc1s21	0	2.060154	0.6	0.142	0 cDC1	Bloc1s2
Dipk1a1	0	2.342451	0.539	0.084	0 cDC1	Dipk1a
Mndal3	0	2.528012	0.531	0.077	0 cDC1	Mndal
6-Sep	0	3.240481	0.499	0.045	0 cDC1	6-Sep
Gm2a4	0	1.856016	0.882	0.43	0 cDC1	Gm2a
Naaa2	0	2.899504	0.638	0.187	0 cDC1	Naaa
Map4k1	0	3.960358	0.481	0.031	0 cDC1	Map4k1
Tspo6	0	1.677487	0.889	0.441	0 cDC1	Tspo
Klrk1	0	4.28392	0.473	0.025	0 cDC1	Klrk1
Ifitm24	0	1.940257	0.648	0.201	0 cDC1	Ifitm2
Tpm43	0	1.804958	0.599	0.156	0 cDC1	Tpm4
Flna3	0	1.458873	0.628	0.186	0 cDC1	Flna
Zbtb46	0	3.641319	0.473	0.033	0 cDC1	Zbtb46
Prdx64	0	1.573059	0.626	0.189	0 cDC1	Prdx6
Anxa62	0	1.799097	0.612	0.176	0 cDC1	Anxa6
Grap2	0	4.42072	0.448	0.013	0 cDC1	Grap2
Sub12	0	1.88172	0.915	0.481	0 cDC1	Sub1
Eps81	0	2.350576	0.511	0.078	0 cDC1	Eps8
Sep-93	0	1.896889	0.566	0.133	0 cDC1	9-Sep
Mob3b1	0	2.95984	0.481	0.05	0 cDC1	Mob3b

Id22	0	2.643256	0.61	0.18	0 cDC1	Id2
Ms4a4c3	0	2.844447	0.531	0.102	0 cDC1	Ms4a4c
Unc1192	0	2.822229	0.472	0.047	0 cDC1	Unc119
Plac82	0	2.524914	0.506	0.082	0 cDC1	Plac8
Phf11b2	0	2.339811	0.575	0.151	0 cDC1	Phf11b
Wfdc173	0	1.880728	0.533	0.11	0 cDC1	Wfdc17
Fyn1	0	1.960895	0.528	0.106	0 cDC1	Fyn
Gpr1412	0	2.940973	0.463	0.041	0 cDC1	Gpr141
Ifi2032	0	2.60897	0.489	0.068	0 cDC1	Ifi203
Clec12a3	0	2.099989	0.492	0.074	0 cDC1	Clec12a
Rasgrp42	0	2.391472	0.473	0.058	0 cDC1	Rasgrp4
Btla	0	5.590923	0.422	0.007	0 cDC1	Btla
Ppm1m1	0	2.033901	0.534	0.123	0 cDC1	Ppm1m
Ybx31	0	2.089822	0.519	0.11	0 cDC1	Ybx3
Slfn53	0	2.117731	0.534	0.125	0 cDC1	Slfn5
Fam129a3	0	1.812612	0.555	0.147	0 cDC1	Fam129a
Coro2a	0	1.764937	0.537	0.131	0 cDC1	Coro2a
Ifi205	0	4.701144	0.431	0.025	0 cDC1	Ifi205
Runx31	0	3.218326	0.44	0.038	0 cDC1	Runx3
Dapk11	0	2.177998	0.526	0.126	0 cDC1	Dapk1
Mthfd21	0	2.293273	0.5	0.102	0 cDC1	Mthfd2
Vav34	0	2.186749	0.469	0.071	0 cDC1	Vav3
Iqgap22	0	2.396369	0.47	0.072	0 cDC1	Iqgap2
Atp8b42	0	3.087301	0.431	0.036	0 cDC1	Atp8b4
Kynu	0	3.418618	0.436	0.042	0 cDC1	Kynu
Shtn1	0	2.739681	0.458	0.065	0 cDC1	Shtn1
Gm159871	0	3.758291	0.415	0.023	0 cDC1	Gm15987
Pstpip12	0	2.358917	0.457	0.067	0 cDC1	Pstpip1
Dna2	0	2.710968	0.45	0.061	0 cDC1	Dna2
H2-DMb14	0	1.659371	0.916	0.527	0 cDC1	H2-DMb1
H2-Ob	0	2.081143	0.5	0.111	0 cDC1	H2-Ob
Sema4a3	0	1.929839	0.492	0.104	0 cDC1	Sema4a
Trappc5	0	2.298333	0.493	0.106	0 cDC1	Trappc5
Mcemp11	0	2.82386	0.432	0.047	0 cDC1	Mcemp1
Mgl21	0	4.554476	0.428	0.043	0 cDC1	Mgl2
Actr33	0	1.566111	0.929	0.55	0 cDC1	Actr3
Bcl2a1d	0	2.7971	0.436	0.057	0 cDC1	Bcl2a1d
Arhgap261	0	2.486181	0.442	0.064	0 cDC1	Arhgap26
H2-Eb15	0	1.712862	0.962	0.586	0 cDC1	H2-Eb1
Emb3	0	2.117417	0.441	0.066	0 cDC1	Emb
Tes	0	1.942439	0.461	0.089	0 cDC1	Tes
H2afz3	0	1.832723	0.935	0.567	0 cDC1	H2afz
Myo1g2	0	1.516545	0.485	0.117	0 cDC1	Myo1g
H2-Aa5	0	1.782628	0.972	0.608	0 cDC1	H2-Aa

Srebf2	0	2.015045	0.45	0.087	0 cDC1	Srebf2
Fh1	0	1.967308	0.481	0.119	0 cDC1	Fh1
Al6622701	0	2.805755	0.409	0.051	0 cDC1	Al662270
Bhlhe40	0	3.497167	0.396	0.039	0 cDC1	Bhlhe40
Calm15	0	1.359088	0.944	0.587	0 cDC1	Calm1
Mcub1	0	3.06192	0.399	0.046	0 cDC1	Mcub
Cd244a1	0	2.810067	0.392	0.04	0 cDC1	Cd244a
Adgre53	0	1.765937	0.423	0.071	0 cDC1	Adgre5
Slc1a5	0	3.128205	0.388	0.037	0 cDC1	Slc1a5
Tbrg1	0	1.948674	0.438	0.092	0 cDC1	Tbrg1
Lrrk21	0	2.917775	0.373	0.027	0 cDC1	Lrrk2
Ifi473	0	2.151731	0.447	0.102	0 cDC1	Ifi47
Traf1	0	2.999762	0.365	0.023	0 cDC1	Traf1
Tmsb102	0	3.146728	0.971	0.631	0 cDC1	Tmsb10
Ece1	0	2.706576	0.394	0.055	0 cDC1	Ece1
Lmo1	0	5.108938	0.347	0.009	0 cDC1	Lmo1
Ezr3	0	1.688369	0.427	0.089	0 cDC1	Ezr
Bcl11a	0	4.655117	0.349	0.013	0 cDC1	Bcl11a
Hepacam2	0	7.138566	0.337	0.002	0 cDC1	Hepacam2
Clec9a	0	6.195999	0.342	0.007	0 cDC1	Clec9a
Atox13	0	1.726427	0.921	0.588	0 cDC1	Atox1
Nedd93	0	1.44587	0.416	0.085	0 cDC1	Nedd9
Samd9l1	0	2.083218	0.391	0.061	0 cDC1	Samd9l
Cd24a1	0	2.733269	0.365	0.036	0 cDC1	Cd24a
Ifi303	0	1.932122	0.918	0.59	0 cDC1	Ifi30
Srgap3	0	3.31089	0.352	0.024	0 cDC1	Srgap3
Qpct	0	3.852961	0.363	0.035	0 cDC1	Qpct
H2-Ab15	0	1.741594	0.966	0.64	0 cDC1	H2-Ab1
Clec10a1	0	2.850319	0.374	0.049	0 cDC1	Clec10a
Kctd14	0	5.631836	0.33	0.006	0 cDC1	Kctd14
Ahr	0	3.579316	0.348	0.028	0 cDC1	Ahr
Rara1	0	2.596172	0.357	0.038	0 cDC1	Rara
Gpr18	0	2.849219	0.361	0.043	0 cDC1	Gpr18
Gpr132	0	3.096789	0.344	0.027	0 cDC1	Gpr132
Spint2	0	2.136207	0.353	0.039	0 cDC1	Spint2
Btf33	0	1.285484	0.921	0.608	0 cDC1	Btf3
Pqlc1	0	2.367873	0.361	0.051	0 cDC1	Pqlc1
Coro1a3	0	1.375594	0.931	0.623	0 cDC1	Coro1a
Gpr171	0	5.639825	0.314	0.006	0 cDC1	Gpr171
Ap1s3	0	4.910457	0.311	0.007	0 cDC1	Ap1s3
Mical1	0	2.261499	0.361	0.057	0 cDC1	Mical1
Zfp366	0	5.19711	0.309	0.007	0 cDC1	Zfp366
Agpat41	0	2.356122	0.348	0.046	0 cDC1	Agpat4
Card11	0	2.846539	0.338	0.037	0 cDC1	Card11

Klf41	0	1.787597	0.372	0.072	0 cDC1	Klf4
Tmem238	0	3.345365	0.321	0.021	0 cDC1	Tmem238
Slfn12	0	2.032491	0.356	0.056	0 cDC1	Slfn1
St3gal11	0	2.261497	0.356	0.056	0 cDC1	St3gal1
Nup210	0	2.776606	0.332	0.034	0 cDC1	Nup210
Ccnd2	0	2.821368	0.346	0.048	0 cDC1	Ccnd2
Cd209c	0	7.985753	0.3	0.002	0 cDC1	Cd209c
Lmnb11	0	1.914127	0.369	0.071	0 cDC1	Lmnb1
Limd11	0	2.034947	0.365	0.068	0 cDC1	Limd1
Phf11a	0	3.276302	0.332	0.036	0 cDC1	Phf11a
Ctnnd2	0	2.601575	0.351	0.055	0 cDC1	Ctnnd2
Klrb1b	0	5.764364	0.301	0.006	0 cDC1	Klrb1b
Pmaip1	0	2.531543	0.347	0.056	0 cDC1	Pmaip1
Rack14	0	1.384632	0.944	0.653	0 cDC1	Rack1
Avpi1	0	3.037312	0.316	0.026	0 cDC1	Avpi1
Afdn	0	2.469329	0.324	0.035	0 cDC1	Afdn
Kit	0	4.665797	0.296	0.007	0 cDC1	Kit
Lrrc8c	0	2.141601	0.346	0.058	0 cDC1	Lrrc8c
Net1	0	2.985667	0.3	0.016	0 cDC1	Net1
Tnip3	0	4.492939	0.296	0.014	0 cDC1	Tnip3
Cd525	0	1.647444	0.948	0.669	0 cDC1	Cd52
Cyfp22	0	1.673087	0.324	0.049	0 cDC1	Cyfp2
H3f3a4	0	1.250113	0.94	0.668	0 cDC1	H3f3a
Ffar4	0	7.919881	0.272	0.001	0 cDC1	Ffar4
Ltb4r11	0	3.154336	0.293	0.022	0 cDC1	Ltb4r1
Rps64	0	1.430178	0.948	0.683	0 cDC1	Rps6
Rnd3	0	4.63901	0.271	0.008	0 cDC1	Rnd3
Anpep	0	3.355252	0.286	0.024	0 cDC1	Anpep
Aff3	0	3.530653	0.275	0.014	0 cDC1	Aff3
Haa0	0	2.03398	0.313	0.052	0 cDC1	Haa0
Gpx13	0	1.414893	0.956	0.696	0 cDC1	Gpx1
Eef1b25	0	1.358519	0.934	0.675	0 cDC1	Eef1b2
Itgae	0	5.008687	0.269	0.011	0 cDC1	Itgae
Gramd3	0	2.177398	0.303	0.046	0 cDC1	Gramd3
Clec4b1	0	4.591697	0.268	0.013	0 cDC1	Clec4b1
Slco3a1	0	2.658924	0.281	0.03	0 cDC1	Slco3a1
Cldn1	0	5.004544	0.253	0.005	0 cDC1	Cldn1
Stap11	0	2.077445	0.28	0.035	0 cDC1	Stap1
Pkp3	0	4.611617	0.251	0.007	0 cDC1	Pkp3
Crybg1	0	2.312691	0.288	0.044	0 cDC1	Crybg1
Rpl144	0	1.430584	0.955	0.712	0 cDC1	Rpl14
Plscr1	0	2.483522	0.273	0.034	0 cDC1	Plscr1
Rgs18	0	3.030978	0.257	0.019	0 cDC1	Rgs18
Uck2	0	3.69071	0.253	0.015	0 cDC1	Uck2

Siglecg	0	2.08921	0.272	0.036	0 cDC1	Siglecg
Lsr	0	3.377261	0.252	0.016	0 cDC1	Lsr
Ptma3	0	1.316128	0.958	0.723	0 cDC1	Ptma
Irf4	0	3.474293	0.251	0.018	0 cDC1	Irf4
Cd745	0	1.468395	0.992	0.77	0 cDC1	Cd74
Rpl74	0	1.107851	0.952	0.732	0 cDC1	Rpl7
Sh3bgrl35	0	1.551682	0.955	0.745	0 cDC1	Sh3bgrl3
Rpl225	0	1.20988	0.953	0.744	0 cDC1	Rpl22
Rps184	0	1.418554	0.964	0.757	0 cDC1	Rps18
Actg13	0	1.893263	0.977	0.779	0 cDC1	Actg1
Rpl275	0	1.216777	0.96	0.774	0 cDC1	Rpl27
Rpl85	0	1.40769	0.971	0.792	0 cDC1	Rpl8
Rpl154	0	1.235876	0.96	0.783	0 cDC1	Rpl15
Rpl244	0	1.068341	0.962	0.787	0 cDC1	Rpl24
Rps194	0	1.395899	0.97	0.798	0 cDC1	Rps19
Rps145	0	1.257559	0.967	0.808	0 cDC1	Rps14
Rps216	0	1.311262	0.969	0.814	0 cDC1	Rps2
Rps265	0	1.212501	0.971	0.819	0 cDC1	Rps26
Rpsa4	0	1.775986	0.974	0.831	0 cDC1	Rpsa
Rpl64	0	1.048344	0.966	0.826	0 cDC1	Rpl6
Pfn13	0	1.141508	0.969	0.829	0 cDC1	Pfn1
Rpl264	0	1.039789	0.966	0.827	0 cDC1	Rpl26
Rps35	0	1.210982	0.964	0.827	0 cDC1	Rps3
Rpl174	0	1.37849	0.975	0.838	0 cDC1	Rpl17
Rpl184	0	1.506584	0.97	0.837	0 cDC1	Rpl18
Rplp04	0	1.593814	0.971	0.84	0 cDC1	Rplp0
Rpl284	0	1.29496	0.967	0.839	0 cDC1	Rpl28
Rpl344	0	1.078663	0.964	0.842	0 cDC1	Rpl34
Rps134	0	1.280979	0.969	0.847	0 cDC1	Rps13
Rps54	0	1.507182	0.967	0.851	0 cDC1	Rps5
Rps15a5	0	1.192891	0.969	0.855	0 cDC1	Rps15a
Rps74	0	1.393179	0.978	0.865	0 cDC1	Rps7
Rpl325	0	1.234008	0.972	0.865	0 cDC1	Rpl32
Rpl94	0	1.189715	0.979	0.874	0 cDC1	Rpl9
Rps204	0	1.123054	0.982	0.879	0 cDC1	Rps20
Rps4x4	0	1.126243	0.978	0.878	0 cDC1	Rps4x
Rpl114	0	1.033756	0.974	0.875	0 cDC1	Rpl11
Rps164	0	1.266471	0.976	0.88	0 cDC1	Rps16
Rpl235	0	1.092518	0.975	0.881	0 cDC1	Rpl23
Rps3a15	0	1.18919	0.974	0.882	0 cDC1	Rps3a1
Rpl195	0	1.189646	0.976	0.889	0 cDC1	Rpl19
Rps104	0	1.027765	0.976	0.89	0 cDC1	Rps10
Rps85	0	1.089804	0.982	0.899	0 cDC1	Rps8
Rpl18a4	0	1.160784	0.981	0.899	0 cDC1	Rpl18a

Tpt15	0	1.121592	0.978	0.896	0	cDC1	Tpt1
Rps115	0	1.341763	0.971	0.894	0	cDC1	Rps11
Rps94	0	1.069749	0.984	0.91	0	cDC1	Rps9
Rps27a4	0	1.100785	0.98	0.907	0	cDC1	Rps27a
Rpl134	0	1.313793	0.985	0.918	0	cDC1	Rpl13
Rps245	0	1.187977	0.983	0.928	0	cDC1	Rps24
Actb4	0	1.232638	0.993	0.958	0	cDC1	Actb
Ifitm62	4.56E-307	0.975537	0.295	0.047	1.12E-302	cDC1	Ifitm6
Rps234	6.54E-307	0.978754	0.968	0.853	1.60E-302	cDC1	Rps23
Alox5ap4	9.98E-307	1.291345	0.932	0.643	2.44E-302	cDC1	Alox5ap
4930523C07Rik	1.90E-306	2.163414	0.302	0.051	4.66E-302	cDC1	4930523C07Rik
Rpl10a4	1.83E-304	1.016369	0.968	0.813	4.48E-300	cDC1	Rpl10a
Rpl105	3.34E-303	0.969951	0.964	0.838	8.18E-299	cDC1	Rpl10
Ccdc88a2	4.26E-301	1.663365	0.589	0.17	1.04E-296	cDC1	Ccdc88a
Eef1a13	3.37E-299	0.869636	0.99	0.943	8.24E-295	cDC1	Eef1a1
Scimp1	1.33E-297	2.09668	0.397	0.087	3.26E-293	cDC1	Scimp
Syng2	2.00E-297	1.626784	0.909	0.562	4.89E-293	cDC1	Syng2
Ifitm3	4.52E-296	2.225071	0.834	0.423	1.11E-291	cDC1	Ifitm3
Plec	1.79E-295	2.15617	0.295	0.051	4.39E-291	cDC1	Plec
Wdfy4	1.28E-294	2.361543	0.705	0.282	3.14E-290	cDC1	Wdfy4
Naca	8.54E-290	1.134895	0.94	0.7	2.09E-285	cDC1	Naca
Arpc2	3.16E-286	1.088703	0.951	0.704	7.74E-282	cDC1	Arpc2
Rpl3	8.39E-286	0.987239	0.963	0.791	2.05E-281	cDC1	Rpl3
Cd40	6.35E-285	2.399624	0.314	0.059	1.56E-280	cDC1	Cd40
Tmsb4x	1.36E-284	0.971945	0.993	0.967	3.32E-280	cDC1	Tmsb4x
Eif3k	1.08E-283	1.308826	0.882	0.478	2.64E-279	cDC1	Eif3k
Ctnna1	1.82E-281	1.629717	0.531	0.148	4.46E-277	cDC1	Ctnna1
Cycs	7.78E-280	1.874384	0.723	0.296	1.91E-275	cDC1	Cycs
Psmb8	1.75E-277	1.366207	0.914	0.595	4.29E-273	cDC1	Psmb8
Rpl4	3.07E-276	1.249599	0.905	0.593	7.52E-272	cDC1	Rpl4
Clic4	5.29E-276	1.389258	0.634	0.203	1.29E-271	cDC1	Clic4
Myl6	1.88E-274	1.194001	0.929	0.603	4.60E-270	cDC1	Myl6
Eif3f	6.93E-274	1.225338	0.915	0.583	1.70E-269	cDC1	Eif3f
Vrk1	2.92E-272	1.577516	0.64	0.216	7.14E-268	cDC1	Vrk1
Rpl35a	1.69E-270	0.896005	0.971	0.884	4.13E-266	cDC1	Rpl35a
Rpl13a	3.76E-269	0.948993	0.964	0.79	9.22E-265	cDC1	Rpl13a
Taldo1	5.35E-269	1.475003	0.858	0.475	1.31E-264	cDC1	Taldo1
Rpl30	1.40E-267	0.861982	0.979	0.896	3.44E-263	cDC1	Rpl30
Lsm4	1.44E-266	1.405854	0.69	0.249	3.52E-262	cDC1	Lsm4
Rpl21	2.20E-266	0.824579	0.974	0.89	5.39E-262	cDC1	Rpl21
Trps1	2.88E-266	1.459654	0.552	0.16	7.04E-262	cDC1	Trps1
Smdt1	5.93E-265	1.324005	0.849	0.409	1.45E-260	cDC1	Smdt1
Rpl36a	1.36E-263	1.16178	0.918	0.644	3.34E-259	cDC1	Rpl36a
Siah2	1.44E-263	1.84911	0.346	0.073	3.53E-259	cDC1	Siah2

Mrpl333	2.32E-263	1.288825	0.703	0.257	5.69E-259	cDC1	Mrpl33
Serpina3g1	6.31E-263	2.943391	0.268	0.047	1.54E-258	cDC1	Serpina3g
Sec61b4	6.24E-262	1.471419	0.849	0.457	1.53E-257	cDC1	Sec61b
Fdps	1.52E-261	2.235598	0.378	0.088	3.71E-257	cDC1	Fdps
Csrp1	1.19E-260	1.642916	0.344	0.073	2.92E-256	cDC1	Csrp1
Rpl365	1.76E-260	1.074299	0.954	0.791	4.31E-256	cDC1	Rpl36
Rpl294	5.62E-260	0.942978	0.952	0.798	1.38E-255	cDC1	Rpl29
Eif5a4	3.82E-256	1.348638	0.861	0.485	9.37E-252	cDC1	Eif5a
Slk2	2.05E-255	1.448066	0.527	0.153	5.02E-251	cDC1	Slk
Mrpl304	2.50E-255	1.338368	0.72	0.275	6.12E-251	cDC1	Mrpl30
Cd475	5.98E-255	1.290981	0.874	0.452	1.46E-250	cDC1	Cd47
Snrpf4	9.20E-255	1.429298	0.694	0.263	2.25E-250	cDC1	Snrpf
Rplp24	6.30E-254	0.945303	0.965	0.799	1.54E-249	cDC1	Rplp2
Nhp22	3.16E-253	1.438725	0.542	0.165	7.73E-249	cDC1	Nhp2
Serf25	3.05E-252	0.981163	0.944	0.756	7.47E-248	cDC1	Serf2
Fau4	3.04E-251	0.775002	0.983	0.939	7.44E-247	cDC1	Fau
Rpl54	4.97E-251	1.135667	0.912	0.61	1.22E-246	cDC1	Rpl5
Rpl7a3	1.64E-250	0.955787	0.944	0.762	4.02E-246	cDC1	Rpl7a
Rpl27a4	4.81E-250	0.832993	0.97	0.889	1.18E-245	cDC1	Rpl27a
H2-DMa3	3.07E-249	1.08495	0.93	0.662	7.51E-245	cDC1	H2-DMa
Nav11	7.76E-249	1.441354	0.487	0.133	1.90E-244	cDC1	Nav1
Rpl23a4	6.28E-247	1.215289	0.878	0.498	1.54E-242	cDC1	Rpl23a
Fgr3	4.16E-246	1.389734	0.4	0.098	1.02E-241	cDC1	Fgr
Npm13	9.82E-244	1.197071	0.888	0.541	2.40E-239	cDC1	Npm1
Ly6c23	3.62E-243	1.944731	0.288	0.055	8.86E-239	cDC1	Ly6c2
Nudt211	1.81E-241	1.42537	0.542	0.169	4.44E-237	cDC1	Nudt21
Hspa84	7.88E-237	1.245166	0.943	0.738	1.93E-232	cDC1	Hspa8
St8sia43	2.29E-235	1.521647	0.39	0.095	5.60E-231	cDC1	St8sia4
Rpl415	2.28E-232	0.91908	0.981	0.902	5.59E-228	cDC1	Rpl41
Arf62	3.46E-232	1.363668	0.678	0.26	8.47E-228	cDC1	Arf6
Nsa24	2.30E-231	1.221092	0.853	0.441	5.64E-227	cDC1	Nsa2
Rpl124	1.43E-230	1.008541	0.93	0.693	3.50E-226	cDC1	Rpl12
Diaph13	1.86E-230	1.37132	0.473	0.135	4.55E-226	cDC1	Diaph1
Eif3e3	1.72E-228	1.300725	0.72	0.298	4.22E-224	cDC1	Eif3e
Pitpna3	2.13E-226	1.243553	0.867	0.474	5.21E-222	cDC1	Pitpna
Ifi2092	4.62E-226	1.609028	0.407	0.108	1.13E-221	cDC1	Ifi209
Rbm34	2.41E-222	1.174277	0.874	0.53	5.90E-218	cDC1	Rbm3
Nme26	2.75E-222	1.102272	0.905	0.596	6.74E-218	cDC1	Nme2
Cpne21	4.21E-222	1.730713	0.276	0.055	1.03E-217	cDC1	Cpne2
Arcp1b5	4.55E-222	0.95262	0.936	0.699	1.11E-217	cDC1	Arcp1b
Sri4	4.70E-222	1.232634	0.741	0.314	1.15E-217	cDC1	Sri
Mpp6	1.34E-219	1.18962	0.566	0.185	3.28E-215	cDC1	Mpp6
Ldha5	2.98E-219	1.21969	0.824	0.437	7.31E-215	cDC1	Ldha
Itgax3	6.90E-219	1.16839	0.526	0.163	1.69E-214	cDC1	Itgax

Mrpl543	3.10E-217	1.32532	0.561	0.188	7.59E-213	cDC1	Mrpl54
Fbl2	1.64E-216	1.37344	0.645	0.25	4.03E-212	cDC1	Fbl
Samhd14	6.56E-216	1.360277	0.799	0.385	1.61E-211	cDC1	Samhd1
Irf74	1.37E-215	2.04289	0.532	0.184	3.36E-211	cDC1	Irf7
Psm74	3.11E-215	1.24435	0.807	0.406	7.63E-211	cDC1	Psm7
Hsp90ab14	5.55E-214	0.905325	0.949	0.737	1.36E-209	cDC1	Hsp90ab1
Preli15	1.62E-212	1.199419	0.755	0.328	3.97E-208	cDC1	Preli1
Eif3h4	9.57E-211	1.112538	0.857	0.48	2.34E-206	cDC1	Eif3h
Rin33	1.60E-210	1.321956	0.626	0.229	3.93E-206	cDC1	Rin3
Plxnc1	4.22E-210	1.746993	0.268	0.054	1.03E-205	cDC1	Plxnc1
Eef1g3	1.50E-208	1.194402	0.775	0.376	3.67E-204	cDC1	Eef1g
Sfxn3	4.26E-208	1.730961	0.283	0.061	1.04E-203	cDC1	Sfxn3
Rpl394	4.82E-207	0.966589	0.952	0.819	1.18E-202	cDC1	Rpl39
Psme14	8.84E-207	1.203983	0.906	0.599	2.16E-202	cDC1	Psme1
CAAA01147	2.32E-206	1.19519	0.809	0.394	5.68E-202	cDC1	CAAA01147332.1
Ppia4	2.24E-205	0.758498	0.973	0.88	5.48E-201	cDC1	Ppia
Ifi2112	2.95E-205	1.967504	0.332	0.083	7.22E-201	cDC1	Ifi211
Set2	3.54E-205	1.266671	0.712	0.311	8.66E-201	cDC1	Set
Npm31	5.01E-205	1.440618	0.425	0.123	1.23E-200	cDC1	Npm3
Isg20	5.95E-205	2.019756	0.268	0.056	1.46E-200	cDC1	Isg20
Rtl8c	1.47E-203	2.750762	0.334	0.089	3.61E-199	cDC1	Rtl8c
Rps154	7.36E-203	1.044706	0.893	0.562	1.80E-198	cDC1	Rps15
Psm43	2.71E-202	1.302828	0.613	0.235	6.65E-198	cDC1	Psm4
Lbh	4.20E-202	1.530142	0.332	0.081	1.03E-197	cDC1	Lbh
Nol72	9.43E-202	1.242425	0.643	0.253	2.31E-197	cDC1	Nol7
Ldlr	1.92E-201	1.940621	0.272	0.058	4.69E-197	cDC1	Ldlr
H132	3.52E-201	1.208552	0.717	0.316	8.62E-197	cDC1	H13
Scand14	3.72E-201	1.13788	0.81	0.409	9.12E-197	cDC1	Scand1
Sem14	1.67E-200	0.986858	0.893	0.545	4.08E-196	cDC1	Sem1
Taf104	5.29E-200	1.145159	0.77	0.359	1.29E-195	cDC1	Taf10
Ppa1	7.95E-199	1.829413	0.29	0.066	1.95E-194	cDC1	Ppa1
Srgn3	1.10E-196	1.085419	0.885	0.547	2.70E-192	cDC1	Srgn
Psm93	3.43E-196	1.378229	0.821	0.477	8.40E-192	cDC1	Psm9
Ppp1r11	1.22E-195	1.413442	0.616	0.251	2.98E-191	cDC1	Ppp1r11
Esyt12	2.44E-194	1.325189	0.436	0.13	5.97E-190	cDC1	Esyt1
Siva12	4.88E-194	1.404701	0.375	0.102	1.20E-189	cDC1	Siva1
Arf53	4.95E-194	1.037496	0.859	0.475	1.21E-189	cDC1	Arf5
Rala	3.91E-193	1.202769	0.669	0.28	9.58E-189	cDC1	Rala
Myl12b3	4.04E-193	0.935307	0.909	0.629	9.89E-189	cDC1	Myl12b
Zmiz21	4.32E-193	1.420976	0.431	0.13	1.06E-188	cDC1	Zmiz2
Pirb4	6.59E-193	1.1986	0.47	0.147	1.61E-188	cDC1	Pirb
Dbnl3	7.85E-193	1.189104	0.736	0.335	1.92E-188	cDC1	Dbnl
Rpl374	2.07E-192	0.895742	0.966	0.849	5.07E-188	cDC1	Rpl37
Banf14	2.20E-192	1.196913	0.647	0.262	5.38E-188	cDC1	Banf1

Ndufa64	5.69E-192	1.044132	0.865	0.515	1.39E-187	cDC1	Ndufa6
Borcs8	1.02E-191	1.461796	0.355	0.094	2.51E-187	cDC1	Borcs8
Mrps162	1.26E-191	1.150558	0.555	0.196	3.09E-187	cDC1	Mrps16
Eif3i4	1.51E-191	1.151665	0.716	0.318	3.70E-187	cDC1	Eif3i
Snrpg3	4.31E-191	1.107078	0.806	0.422	1.05E-186	cDC1	Snrpg
Elovl5	1.60E-189	1.384366	0.383	0.106	3.91E-185	cDC1	Elovl5
Eif3m4	9.11E-189	1.125697	0.659	0.274	2.23E-184	cDC1	Eif3m
Sdad1	8.39E-188	1.502379	0.338	0.088	2.06E-183	cDC1	Sdad1
Atp5e4	1.58E-187	0.962988	0.92	0.646	3.86E-183	cDC1	Atp5e
Rps124	1.72E-187	0.709622	0.966	0.867	4.22E-183	cDC1	Rps12
Apobr1	4.87E-187	1.399955	0.289	0.067	1.19E-182	cDC1	Apobr
Akr7a5	1.20E-186	1.379628	0.383	0.108	2.95E-182	cDC1	Akr7a5
Eef24	6.42E-186	0.880688	0.928	0.718	1.57E-181	cDC1	Eef2
Arhgap181	6.88E-185	1.263768	0.45	0.141	1.69E-180	cDC1	Arhgap18
Snrpe3	1.11E-183	1.102993	0.74	0.345	2.71E-179	cDC1	Snrpe
Casp6	3.37E-183	1.568787	0.353	0.097	8.25E-179	cDC1	Casp6
Rpl385	5.87E-183	1.084445	0.93	0.698	1.44E-178	cDC1	Rpl38
Ero1lb	7.69E-183	1.626604	0.292	0.069	1.88E-178	cDC1	Ero1lb
Ranbp12	3.97E-182	1.163157	0.642	0.263	9.73E-178	cDC1	Ranbp1
Txn23	9.67E-182	1.111065	0.615	0.244	2.37E-177	cDC1	Txn2
Ifi352	1.50E-181	1.231222	0.599	0.234	3.66E-177	cDC1	Ifi35
Hnrnpa12	5.43E-181	1.134264	0.758	0.378	1.33E-176	cDC1	Hnrnpa1
Zfp593	9.99E-181	1.667507	0.285	0.068	2.45E-176	cDC1	Zfp593
Usp182	1.40E-179	1.718941	0.359	0.102	3.44E-175	cDC1	Usp18
B4galnt12	1.77E-179	1.255319	0.49	0.166	4.34E-175	cDC1	B4galnt1
Pdlim2	3.60E-179	1.395109	0.324	0.084	8.82E-175	cDC1	Pdlim2
Arpc54	4.91E-179	1.006499	0.809	0.423	1.20E-174	cDC1	Arpc5
Myl12a4	5.02E-179	0.99752	0.822	0.446	1.23E-174	cDC1	Myl12a
Znrd11	5.11E-179	1.226892	0.498	0.173	1.25E-174	cDC1	Znrd1
Aph1c	6.33E-179	1.647417	0.268	0.061	1.55E-174	cDC1	Aph1c
Serp14	6.84E-179	1.167668	0.741	0.354	1.68E-174	cDC1	Serp1
Sec61g4	9.67E-179	1.141149	0.804	0.428	2.37E-174	cDC1	Sec61g
Snrpd12	1.43E-177	1.126458	0.559	0.206	3.51E-173	cDC1	Snrpd1
Snrpd24	1.40E-176	1.124395	0.629	0.257	3.43E-172	cDC1	Snrpd2
Stk17b3	1.84E-176	1.097341	0.492	0.165	4.51E-172	cDC1	Stk17b
Pde4b3	3.91E-176	1.245065	0.583	0.226	9.58E-172	cDC1	Pde4b
Ybx14	1.06E-175	0.942305	0.888	0.566	2.61E-171	cDC1	Ybx1
Rwdd12	1.15E-175	1.140443	0.527	0.191	2.81E-171	cDC1	Rwdd1
Il2rg5	1.40E-175	1.331769	0.558	0.215	3.43E-171	cDC1	Il2rg
Hnrnpa32	4.20E-175	1.064127	0.809	0.448	1.03E-170	cDC1	Hnrnpa3
Nr4a11	3.66E-174	1.21087	0.299	0.074	8.96E-170	cDC1	Nr4a1
Hspb11	3.76E-174	1.520564	0.298	0.074	9.21E-170	cDC1	Hspb11
Cfl15	8.84E-174	0.784257	0.948	0.761	2.17E-169	cDC1	Cfl1
Psme24	2.68E-173	1.135786	0.859	0.514	6.56E-169	cDC1	Psme2

Atp5l5	6.76E-173	0.903006	0.879	0.563	1.66E-168	cDC1	Atp5l
Rps27l4	1.22E-172	1.001171	0.741	0.352	2.98E-168	cDC1	Rps27l
Hsd12	1.69E-172	1.409548	0.268	0.062	4.14E-168	cDC1	Hsd12
Rpl354	2.65E-172	0.907669	0.941	0.773	6.49E-168	cDC1	Rpl35
Socs12	2.71E-172	2.069676	0.319	0.087	6.65E-168	cDC1	Socs1
Abhd17a3	3.11E-172	1.130183	0.579	0.225	7.61E-168	cDC1	Abhd17a
Crlf23	4.24E-172	1.017724	0.663	0.27	1.04E-167	cDC1	Crlf2
Alyref3	8.27E-172	1.172831	0.545	0.204	2.02E-167	cDC1	Alyref
Cox7b5	3.98E-171	1.045239	0.748	0.36	9.74E-167	cDC1	Cox7b
Cast3	1.02E-170	1.288059	0.379	0.111	2.49E-166	cDC1	Cast
Snrpd33	2.47E-170	1.127531	0.594	0.235	6.05E-166	cDC1	Snrpd3
Arpc35	6.60E-170	0.889886	0.905	0.636	1.62E-165	cDC1	Arpc3
Pgls3	8.28E-169	1.037082	0.759	0.369	2.03E-164	cDC1	Pgls
1110008P1	9.17E-169	1.187855	0.306	0.079	2.24E-164	cDC1	1110008P14Rik
Pak1	2.47E-167	1.060666	0.61	0.248	6.05E-163	cDC1	Pak1
Rps274	6.57E-166	0.909734	0.944	0.78	1.61E-161	cDC1	Rps27
Vasp2	1.05E-165	1.100955	0.685	0.311	2.56E-161	cDC1	Vasp
Sp1004	1.12E-165	1.149261	0.637	0.27	2.74E-161	cDC1	Sp100
Grk31	1.29E-165	1.147576	0.427	0.136	3.15E-161	cDC1	Grk3
Cdk2ap23	8.88E-165	1.061866	0.675	0.304	2.17E-160	cDC1	Cdk2ap2
Me2	1.49E-164	1.279321	0.332	0.092	3.65E-160	cDC1	Me2
Abrac13	1.87E-164	1.045495	0.657	0.284	4.58E-160	cDC1	Abrac1
Isg152	4.57E-164	1.811509	0.513	0.198	1.12E-159	cDC1	Isg15
Rpl36a4	9.77E-164	0.901278	0.909	0.647	2.39E-159	cDC1	Rpl36a
Atp5h4	8.91E-163	0.882551	0.875	0.547	2.18E-158	cDC1	Atp5h
Rraga1	1.27E-162	1.171639	0.434	0.144	3.11E-158	cDC1	Rraga
Arrdc41	7.12E-162	1.521498	0.316	0.087	1.74E-157	cDC1	Arrdc4
Tomm54	3.58E-161	1.062143	0.523	0.195	8.76E-157	cDC1	Tomm5
Naga1	4.58E-161	1.370958	0.648	0.311	1.12E-156	cDC1	Naga
Tnni2	3.95E-160	1.800648	0.276	0.07	9.67E-156	cDC1	Tnni2
Ucp24	7.48E-160	0.900993	0.929	0.724	1.83E-155	cDC1	Ucp2
Cct54	1.82E-159	1.032435	0.626	0.263	4.45E-155	cDC1	Cct5
Tle54	3.99E-159	0.942603	0.784	0.397	9.78E-155	cDC1	Tle5
Ccdc125	4.49E-159	1.011447	0.81	0.446	1.10E-154	cDC1	Ccdc12
Dynll14	1.11E-158	0.984194	0.793	0.412	2.73E-154	cDC1	Dynll1
Serbp13	4.56E-158	0.930312	0.78	0.399	1.12E-153	cDC1	Serbp1
Sigmar11	6.35E-158	1.213531	0.421	0.139	1.56E-153	cDC1	Sigmar1
Sulf21	1.71E-157	1.53543	0.337	0.099	4.18E-153	cDC1	Sulf2
Fgl24	2.46E-157	1.111453	0.618	0.267	6.02E-153	cDC1	Fgl2
Ncoa7	3.06E-157	1.225878	0.329	0.093	7.48E-153	cDC1	Ncoa7
Mvb12a2	3.70E-156	1.144202	0.517	0.196	9.07E-152	cDC1	Mvb12a
Clec2d4	5.33E-156	0.925307	0.625	0.258	1.31E-151	cDC1	Clec2d
Nop532	5.86E-156	1.131864	0.494	0.181	1.43E-151	cDC1	Nop53
Gm20513	1.80E-155	1.281358	0.261	0.063	4.40E-151	cDC1	Gm20513

Actn11	4.35E-155	1.509832	0.272	0.07	1.06E-150	cDC1	Actn1
Impdh22	9.37E-155	1.247561	0.461	0.166	2.29E-150	cDC1	Impdh2
Hmga12	1.03E-154	1.179995	0.415	0.137	2.53E-150	cDC1	Hmga1
Cnp2	9.71E-154	1.285438	0.467	0.169	2.38E-149	cDC1	Cnp
Tmem1343	1.65E-153	1.065767	0.594	0.248	4.05E-149	cDC1	Tmem134
Rps254	3.43E-153	0.827157	0.9	0.633	8.40E-149	cDC1	Rps25
Oaz15	5.25E-153	0.747178	0.936	0.718	1.29E-148	cDC1	Oaz1
Bcl3	6.33E-153	2.185245	0.295	0.083	1.55E-148	cDC1	Bcl3
Batf32	1.24E-152	1.273152	0.498	0.191	3.03E-148	cDC1	Batf3
Rbpj1	1.26E-151	0.580656	0.617	0.257	3.09E-147	cDC1	Rbpj
Fem1c	1.73E-151	1.186766	0.349	0.104	4.22E-147	cDC1	Fem1c
Llph3	1.74E-151	0.96768	0.574	0.23	4.26E-147	cDC1	Llph
Mdh25	2.41E-151	1.434897	0.712	0.349	5.89E-147	cDC1	Mdh2
Mob3a	4.49E-151	1.074371	0.401	0.129	1.10E-146	cDC1	Mob3a
Magohb	5.63E-151	1.512526	0.257	0.064	1.38E-146	cDC1	Magohb
Rps285	7.05E-151	0.935041	0.929	0.755	1.73E-146	cDC1	Rps28
Ptcd2	1.68E-150	1.39799	0.301	0.083	4.12E-146	cDC1	Ptcd2
Arpc5l	4.13E-150	1.12363	0.546	0.219	1.01E-145	cDC1	Arpc5l
Mkrn14	5.73E-150	0.777909	0.662	0.293	1.40E-145	cDC1	Mkrn1
Cox5a4	2.40E-149	0.922746	0.816	0.457	5.87E-145	cDC1	Cox5a
Gpi15	3.88E-149	0.913601	0.814	0.447	9.49E-145	cDC1	Gpi1
Eif4ebp14	3.31E-148	1.266082	0.515	0.203	8.11E-144	cDC1	Eif4ebp1
Atg32	4.08E-147	0.964028	0.567	0.231	9.99E-143	cDC1	Atg3
Cd443	4.20E-147	1.164394	0.504	0.194	1.03E-142	cDC1	Cd44
Rtraf4	6.85E-147	0.966099	0.776	0.413	1.68E-142	cDC1	Rtraf
Psmb13	7.12E-147	0.911668	0.773	0.396	1.74E-142	cDC1	Psmb1
Atp5o5	8.58E-147	0.853716	0.755	0.372	2.10E-142	cDC1	Atp5o
Atp5d5	1.26E-146	0.824098	0.867	0.523	3.08E-142	cDC1	Atp5d
Ran3	5.25E-146	0.954634	0.724	0.349	1.29E-141	cDC1	Ran
Dek4	6.34E-146	0.974249	0.591	0.247	1.55E-141	cDC1	Dek
Spata6	7.62E-146	1.370724	0.259	0.066	1.86E-141	cDC1	Spata6
Pmvk	3.23E-145	1.314976	0.319	0.094	7.92E-141	cDC1	Pmvk
Mpnd	5.45E-145	1.244535	0.347	0.107	1.34E-140	cDC1	Mpnd
Tma72	9.03E-145	0.927524	0.763	0.401	2.21E-140	cDC1	Tma7
Txn14	2.53E-144	1.050056	0.663	0.319	6.20E-140	cDC1	Txn1
Ifi27l2a5	2.54E-144	1.432777	0.707	0.38	6.22E-140	cDC1	Ifi27l2a
Tep11	1.76E-143	1.136796	0.515	0.205	4.32E-139	cDC1	Tep1
Lrrfip21	3.18E-143	0.975036	0.423	0.144	7.80E-139	cDC1	Lrrfip2
Csf2ra4	3.82E-143	0.883289	0.793	0.411	9.35E-139	cDC1	Csf2ra
Gas52	9.02E-143	1.002148	0.871	0.552	2.21E-138	cDC1	Gas5
Glipr12	1.09E-142	1.256454	0.347	0.109	2.66E-138	cDC1	Glipr1
Gltp4	1.63E-142	0.957302	0.736	0.373	3.99E-138	cDC1	Gltp
Ifi2074	1.81E-142	0.926497	0.473	0.172	4.43E-138	cDC1	Ifi207
Acadl1	3.34E-142	1.416433	0.465	0.182	8.18E-138	cDC1	Acadl

H2afx	3.95E-142	1.303661	0.253	0.064	9.67E-138	cDC1	H2afx
Ndufb65	4.72E-142	0.894888	0.604	0.256	1.16E-137	cDC1	Ndufb6
Tomm74	6.74E-142	0.923657	0.747	0.38	1.65E-137	cDC1	Tomm7
Baz1a3	8.94E-142	0.963188	0.54	0.215	2.19E-137	cDC1	Baz1a
Rpl37a5	2.83E-141	0.716938	0.966	0.852	6.93E-137	cDC1	Rpl37a
Zbp15	6.75E-141	1.44557	0.458	0.175	1.65E-136	cDC1	Zbp1
Uqcrfs14	9.14E-141	0.944876	0.67	0.312	2.24E-136	cDC1	Uqcrfs1
Nop103	9.16E-141	0.90974	0.639	0.288	2.24E-136	cDC1	Nop10
Rbms14	2.30E-140	0.837317	0.56	0.223	5.64E-136	cDC1	Rbms1
Anp32e	4.62E-140	1.003156	0.453	0.164	1.13E-135	cDC1	Anp32e
Rbm171	5.70E-140	0.994037	0.465	0.172	1.40E-135	cDC1	Rbm17
Slamf83	6.43E-140	1.157067	0.492	0.19	1.58E-135	cDC1	Slamf8
Ciao2a3	1.90E-139	0.998579	0.577	0.244	4.65E-135	cDC1	Ciao2a
Lsm72	5.37E-139	0.859648	0.553	0.222	1.31E-134	cDC1	Lsm7
Cox5b5	7.47E-139	0.814183	0.866	0.54	1.83E-134	cDC1	Cox5b
Bcl7c2	9.42E-139	1.075912	0.399	0.136	2.31E-134	cDC1	Bcl7c
2410006H1	1.08E-138	1.059459	0.817	0.482	2.64E-134	cDC1	2410006H16Rik
Selenow6	3.99E-138	0.820516	0.84	0.454	9.78E-134	cDC1	Selenow
Rab431	7.27E-138	1.021191	0.658	0.309	1.78E-133	cDC1	Rab43
Psm83	1.57E-137	0.921713	0.673	0.311	3.83E-133	cDC1	Psm8
Akt31	1.76E-137	0.890158	0.484	0.178	4.32E-133	cDC1	Akt3
Glud12	2.42E-137	0.877207	0.699	0.335	5.93E-133	cDC1	Glud1
Bcl61	2.71E-137	0.970898	0.424	0.148	6.63E-133	cDC1	Bcl6
Hivep21	2.98E-137	1.649938	0.351	0.114	7.29E-133	cDC1	Hivep2
Mrpl524	3.87E-137	0.920925	0.799	0.467	9.47E-133	cDC1	Mrpl52
Rnh14	7.25E-137	0.955679	0.705	0.343	1.77E-132	cDC1	Rnh1
Hint14	1.41E-136	0.782796	0.862	0.521	3.45E-132	cDC1	Hint1
Magoh	1.49E-136	1.115707	0.347	0.11	3.64E-132	cDC1	Magoh
Psm84	2.07E-136	0.922682	0.619	0.276	5.06E-132	cDC1	Psm8
Sap303	2.97E-136	1.141109	0.373	0.123	7.27E-132	cDC1	Sap30
Eif1ax1	2.52E-135	1.054239	0.376	0.125	6.18E-131	cDC1	Eif1ax
Rab8a3	3.60E-134	1.045219	0.501	0.199	8.83E-130	cDC1	Rab8a
Ndufb1-ps	9.03E-133	1.014222	0.627	0.293	2.21E-128	cDC1	Ndufb1-ps
Snu133	1.02E-132	0.831822	0.673	0.31	2.49E-128	cDC1	Snu13
H2-Oa4	1.41E-132	0.808907	0.681	0.321	3.45E-128	cDC1	H2-Oa
Mbd25	2.88E-131	0.929691	0.58	0.249	7.06E-127	cDC1	Mbd2
Sh3pxd2b	3.73E-131	1.651254	0.253	0.069	9.14E-127	cDC1	Sh3pxd2b
Cct83	7.46E-131	0.949896	0.577	0.252	1.83E-126	cDC1	Cct8
Psm83	1.05E-130	0.880201	0.746	0.395	2.57E-126	cDC1	Psm8
Prkag2	1.63E-130	1.162878	0.276	0.077	4.00E-126	cDC1	Prkag2
Sms	2.74E-130	1.009913	0.262	0.071	6.72E-126	cDC1	Sms
Calm34	3.32E-130	0.788973	0.683	0.327	8.12E-126	cDC1	Calm3
Ppp1ca3	4.67E-130	0.823179	0.809	0.457	1.14E-125	cDC1	Ppp1ca
Nt5c3	5.02E-130	0.975818	0.496	0.198	1.23E-125	cDC1	Nt5c

Dnajc153	8.05E-130	0.899788	0.502	0.198	1.97E-125	cDC1	Dnajc15
Timm10b3	1.54E-129	0.905112	0.778	0.427	3.78E-125	cDC1	Timm10b
Mta31	2.38E-129	0.838993	0.438	0.16	5.82E-125	cDC1	Mta3
Mrps143	3.08E-129	0.877826	0.567	0.243	7.55E-125	cDC1	Mrps14
Pdcd63	4.47E-129	0.846564	0.505	0.201	1.10E-124	cDC1	Pdcd6
Arhgdib3	6.45E-129	0.723834	0.894	0.614	1.58E-124	cDC1	Arhgdib
Degs13	8.32E-129	0.886847	0.564	0.238	2.04E-124	cDC1	Degs1
Cct22	3.16E-128	0.862886	0.634	0.293	7.74E-124	cDC1	Cct2
Bak12	3.84E-128	1.097285	0.376	0.13	9.40E-124	cDC1	Bak1
Cdc42se13	6.76E-128	0.796497	0.62	0.276	1.65E-123	cDC1	Cdc42se1
Snx203	1.67E-127	0.925312	0.67	0.32	4.08E-123	cDC1	Snx20
Ndufv24	2.15E-127	0.817591	0.639	0.289	5.25E-123	cDC1	Ndufv2
Mrpl211	2.58E-127	0.960124	0.393	0.138	6.32E-123	cDC1	Mrpl21
Sta2	2.67E-127	0.893083	0.691	0.335	6.54E-123	cDC1	Sta
Pin41	5.39E-127	0.888047	0.408	0.146	1.32E-122	cDC1	Pin4
Mrpl572	5.88E-127	0.953277	0.508	0.208	1.44E-122	cDC1	Mrpl57
Emc61	9.36E-127	0.87417	0.565	0.241	2.29E-122	cDC1	Emc6
Rpl315	3.27E-126	0.840594	0.849	0.522	8.00E-122	cDC1	Rpl31
Lta4h1	5.90E-126	0.987397	0.398	0.142	1.45E-121	cDC1	Lta4h
Myd881	1.46E-125	1.142831	0.375	0.131	3.57E-121	cDC1	Myd88
U2af12	2.24E-125	0.878335	0.613	0.279	5.48E-121	cDC1	U2af1
Gpsm33	4.56E-125	0.83872	0.728	0.381	1.12E-120	cDC1	Gpsm3
Arhgap93	4.67E-125	0.984885	0.45	0.173	1.14E-120	cDC1	Arhgap9
Prr5l	1.67E-124	1.153215	0.282	0.083	4.09E-120	cDC1	Prr5l
Sf3b53	1.85E-124	0.847127	0.639	0.299	4.52E-120	cDC1	Sf3b5
Sf3b62	4.46E-124	0.805454	0.663	0.314	1.09E-119	cDC1	Sf3b6
Prdx24	5.08E-124	0.775369	0.693	0.345	1.24E-119	cDC1	Prdx2
Nedd83	1.86E-123	0.813456	0.79	0.446	4.54E-119	cDC1	Nedd8
Hint3	2.68E-123	1.019192	0.33	0.106	6.56E-119	cDC1	Hint3
Cdkn1a1	2.81E-123	1.854219	0.296	0.094	6.89E-119	cDC1	Cdkn1a
Psma54	2.85E-123	0.86418	0.646	0.302	6.97E-119	cDC1	Psma5
Hnrnpab3	4.74E-123	0.855869	0.679	0.334	1.16E-118	cDC1	Hnrnpab
Ehbp1l12	5.25E-123	0.943558	0.485	0.195	1.29E-118	cDC1	Ehbp1l1
Gnb23	3.29E-122	0.773486	0.863	0.578	8.05E-118	cDC1	Gnb2
Psmb53	9.40E-122	0.830593	0.678	0.333	2.30E-117	cDC1	Psmb5
Eif3d2	9.51E-122	0.884459	0.498	0.203	2.33E-117	cDC1	Eif3d
Lsm51	6.20E-121	0.947543	0.365	0.126	1.52E-116	cDC1	Lsm5
Hnrnpf2	2.67E-120	0.813698	0.823	0.507	6.53E-116	cDC1	Hnrnpf
Ier24	2.73E-120	0.48582	0.734	0.347	6.68E-116	cDC1	Ier2
Pafah1b31	3.28E-120	1.127955	0.384	0.14	8.03E-116	cDC1	Pafah1b3
Fam241a2	3.94E-120	1.216293	0.29	0.089	9.66E-116	cDC1	Fam241a
Pa2g42	4.54E-120	0.884098	0.539	0.232	1.11E-115	cDC1	Pa2g4
Nop16	8.17E-120	1.123884	0.315	0.101	2.00E-115	cDC1	Nop16
Ube2s5	1.44E-119	0.820579	0.568	0.249	3.54E-115	cDC1	Ube2s

Arl2bp	1.76E-119	1.03079	0.28	0.084	4.31E-115	cDC1	Arl2bp
Eif3g2	2.43E-119	1.003587	0.453	0.179	5.94E-115	cDC1	Eif3g
S100a134	5.51E-119	0.851212	0.522	0.221	1.35E-114	cDC1	S100a13
Ly6a4	5.86E-119	1.834133	0.527	0.256	1.44E-114	cDC1	Ly6a
Pomp5	6.16E-119	0.836084	0.847	0.545	1.51E-114	cDC1	Pomp
Rpp211	1.14E-118	0.902519	0.398	0.145	2.79E-114	cDC1	Rpp21
Snx33	1.82E-118	0.753248	0.784	0.438	4.46E-114	cDC1	Snx3
Got21	2.62E-118	1.028955	0.373	0.134	6.42E-114	cDC1	Got2
Srsf31	2.67E-118	0.830807	0.743	0.398	6.53E-114	cDC1	Srsf3
Gtpbp4	3.18E-118	0.969665	0.4	0.147	7.78E-114	cDC1	Gtpbp4
1810058l2	5.74E-118	0.705838	0.582	0.257	1.40E-113	cDC1	1810058l24Rik
Emg12	7.66E-118	0.762507	0.573	0.251	1.88E-113	cDC1	Emg1
Hnrnpul23	1.37E-117	0.840167	0.532	0.229	3.35E-113	cDC1	Hnrnpul2
H2afj4	1.37E-117	0.777523	0.733	0.382	3.36E-113	cDC1	H2afj
Chchd13	3.39E-117	0.831657	0.488	0.198	8.30E-113	cDC1	Chchd1
Dctn34	3.47E-117	0.723628	0.602	0.271	8.50E-113	cDC1	Dctn3
Glr7	4.47E-117	1.031935	0.398	0.148	1.09E-112	cDC1	Glr7
Guk1	6.59E-117	0.886287	0.371	0.131	1.61E-112	cDC1	Guk1
Mcl14	1.41E-116	0.731789	0.846	0.535	3.44E-112	cDC1	Mcl1
Eif2b21	5.07E-116	1.124329	0.327	0.11	1.24E-111	cDC1	Eif2b2
Rinl1	4.45E-115	0.996748	0.318	0.104	1.09E-110	cDC1	Rinl
Sumo23	8.57E-115	0.75179	0.821	0.506	2.10E-110	cDC1	Sumo2
Grpel11	1.95E-114	0.869833	0.455	0.181	4.77E-110	cDC1	Grpel1
Mrpl151	3.52E-114	0.844797	0.393	0.145	8.62E-110	cDC1	Mrpl15
Tap12	8.30E-114	0.911134	0.714	0.384	2.03E-109	cDC1	Tap1
Pole41	9.85E-114	0.870049	0.418	0.16	2.41E-109	cDC1	Pole4
G3bp1	1.34E-113	0.830497	0.559	0.25	3.27E-109	cDC1	G3bp1
Cass4	1.40E-113	1.177827	0.318	0.106	3.42E-109	cDC1	Cass4
Ube2l62	1.52E-113	1.005031	0.411	0.161	3.73E-109	cDC1	Ube2l6
Dnajc81	2.08E-113	0.819715	0.562	0.252	5.10E-109	cDC1	Dnajc8
Polr1d3	2.82E-113	0.809947	0.747	0.417	6.90E-109	cDC1	Polr1d
Nab12	4.95E-112	0.898759	0.36	0.128	1.21E-107	cDC1	Nab1
Atp5g24	8.32E-112	0.641063	0.91	0.684	2.04E-107	cDC1	Atp5g2
Mri1	1.57E-111	0.944305	0.303	0.098	3.84E-107	cDC1	Mri1
Tomm224	6.19E-111	0.733759	0.663	0.321	1.52E-106	cDC1	Tomm22
Jpt13	6.68E-111	0.732846	0.701	0.353	1.64E-106	cDC1	Jpt1
Hnrnpd2	7.97E-111	0.714457	0.67	0.326	1.95E-106	cDC1	Hnrnpd
Nme15	1.08E-110	0.799739	0.566	0.257	2.63E-106	cDC1	Nme1
Cdc14a	1.27E-110	1.240258	0.272	0.084	3.11E-106	cDC1	Cdc14a
Rps175	2.09E-110	0.716106	0.854	0.559	5.13E-106	cDC1	Rps17
Cct73	2.61E-110	0.818829	0.561	0.256	6.40E-106	cDC1	Cct7
Uqcrq4	4.10E-110	0.768055	0.78	0.432	1.00E-105	cDC1	Uqcrq
Esd4	4.56E-110	0.69144	0.661	0.32	1.12E-105	cDC1	Esd
Ebna1bp21	6.17E-110	0.950419	0.366	0.133	1.51E-105	cDC1	Ebna1bp2

Il3ra1	6.37E-110	1.426785	0.25	0.075	1.56E-105	cDC1	Il3ra
Bcat2	8.93E-110	0.998441	0.323	0.111	2.19E-105	cDC1	Bcat2
Ccdc85b	1.53E-109	0.841306	0.353	0.125	3.74E-105	cDC1	Ccdc85b
Psm24	2.69E-109	0.76255	0.692	0.351	6.58E-105	cDC1	Psm24
Atp5f13	3.92E-109	0.714016	0.807	0.478	9.61E-105	cDC1	Atp5f1
Supt4a3	4.92E-109	0.75719	0.629	0.301	1.20E-104	cDC1	Supt4a
Rexo23	5.59E-109	0.823263	0.515	0.221	1.37E-104	cDC1	Rexo2
Tmem1604	6.64E-109	0.724151	0.618	0.287	1.63E-104	cDC1	Tmem160
Ywhaz2	9.38E-109	0.715558	0.855	0.554	2.30E-104	cDC1	Ywhaz
Nfkbie	1.12E-108	1.162886	0.299	0.099	2.74E-104	cDC1	Nfkbie
Irf53	1.56E-108	0.829084	0.778	0.465	3.83E-104	cDC1	Irf5
C1qbp1	2.19E-108	0.801396	0.582	0.27	5.35E-104	cDC1	C1qbp
Ndufb114	3.04E-108	0.755831	0.753	0.425	7.46E-104	cDC1	Ndufb11
Rtca	5.86E-108	0.951947	0.284	0.091	1.43E-103	cDC1	Rtca
Churc12	7.29E-108	0.880485	0.411	0.16	1.78E-103	cDC1	Churc1
Uba524	1.11E-107	0.867133	0.769	0.455	2.71E-103	cDC1	Uba52
Cyb5r41	1.73E-107	0.717357	0.393	0.147	4.25E-103	cDC1	Cyb5r4
Cct42	2.07E-107	0.768574	0.624	0.302	5.06E-103	cDC1	Cct4
Nop58	2.15E-107	1.046595	0.298	0.098	5.27E-103	cDC1	Nop58
Smpdl3a2	2.97E-107	1.062695	0.374	0.143	7.26E-103	cDC1	Smpdl3a
Srp94	7.97E-107	0.729549	0.702	0.363	1.95E-102	cDC1	Srp9
Polr2e	9.14E-107	0.761124	0.568	0.259	2.24E-102	cDC1	Polr2e
Pdcd2	1.60E-106	1.091593	0.283	0.091	3.91E-102	cDC1	Pdcd2
Rbm8a1	4.12E-106	0.837487	0.451	0.185	1.01E-101	cDC1	Rbm8a
Eif61	5.93E-106	0.835218	0.491	0.21	1.45E-101	cDC1	Eif6
Cdc373	6.20E-106	0.711074	0.651	0.319	1.52E-101	cDC1	Cdc37
Atp5c13	8.55E-106	0.738919	0.807	0.499	2.09E-101	cDC1	Atp5c1
Prkx	9.21E-106	1.104795	0.267	0.083	2.26E-101	cDC1	Prkx
Csnk2b4	1.21E-105	0.780784	0.655	0.331	2.97E-101	cDC1	Csnk2b
Eif4b4	1.53E-105	0.724849	0.599	0.28	3.74E-101	cDC1	Eif4b
Prmt11	1.94E-105	0.813895	0.471	0.196	4.76E-101	cDC1	Prmt1
Mtpn3	2.11E-105	0.837158	0.51	0.223	5.17E-101	cDC1	Mtpn
Eid12	3.67E-105	0.695743	0.399	0.152	8.99E-101	cDC1	Eid1
Atp5b4	4.09E-105	0.741309	0.831	0.53	1.00E-100	cDC1	Atp5b
Daxx2	4.70E-105	1.243792	0.316	0.111	1.15E-100	cDC1	Daxx
181003711	5.33E-105	0.761032	0.66	0.336	1.30E-100	cDC1	1810037117Rik
Snrpb4	5.56E-105	0.708599	0.733	0.397	1.36E-100	cDC1	Snrpb
5031439G	5.65E-105	0.751106	0.532	0.235	1.38E-100	cDC1	5031439G07Rik
Chmp2a4	5.67E-105	0.674511	0.631	0.302	1.39E-100	cDC1	Chmp2a
Eef1akmt1	5.67E-105	1.020183	0.285	0.093	1.39E-100	cDC1	Eef1akmt1
Tcp12	5.76E-105	0.778792	0.542	0.245	1.41E-100	cDC1	Tcp1
Lcp13	6.06E-105	0.67917	0.905	0.685	1.48E-100	cDC1	Lcp1
Aurkaip16	1.32E-104	0.686435	0.566	0.257	3.22E-100	cDC1	Aurkaip1
Plin24	1.96E-104	0.76019	0.502	0.219	4.79E-100	cDC1	Plin2

Cs	1.99E-104	0.849287	0.447	0.184	4.88E-100	cDC1	Cs
Cox7a2l4	2.98E-104	0.753449	0.775	0.452	7.29E-100	cDC1	Cox7a2l
Ppdpf2	3.87E-104	0.948041	0.403	0.16	9.47E-100	cDC1	Ppdpf
Prkar2a	3.88E-104	0.951074	0.259	0.08	9.50E-100	cDC1	Prkar2a
Tbca3	5.38E-104	0.763948	0.744	0.421	1.32E-99	cDC1	Tbca
Elob6	1.15E-103	0.678829	0.839	0.519	2.81E-99	cDC1	Elob
Tmpo3	1.30E-103	0.871999	0.41	0.163	3.19E-99	cDC1	Tmpo
Eef1e1	2.53E-103	0.953682	0.281	0.091	6.19E-99	cDC1	Eef1e1
Uqcrb5	3.64E-103	0.734464	0.743	0.418	8.91E-99	cDC1	Uqcrb
Irf91	5.03E-103	0.840209	0.419	0.168	1.23E-98	cDC1	Irf9
Ramp12	5.45E-103	0.746926	0.542	0.241	1.34E-98	cDC1	Ramp1
Polr2j3	6.15E-103	0.785509	0.467	0.198	1.51E-98	cDC1	Polr2j
Gm100762	7.76E-103	1.162939	0.339	0.125	1.90E-98	cDC1	Gm10076
Arhgdia4	7.87E-103	0.689086	0.839	0.529	1.93E-98	cDC1	Arhgdia
Atp5g14	1.14E-102	0.677146	0.793	0.462	2.80E-98	cDC1	Atp5g1
Selenoh2	1.16E-102	0.953422	0.391	0.154	2.84E-98	cDC1	Selenoh
Mdp1	1.20E-102	0.877527	0.395	0.154	2.95E-98	cDC1	Mdp1
H2afv3	4.48E-102	0.720501	0.537	0.241	1.10E-97	cDC1	H2afv
Cybb5	5.49E-102	0.48845	0.527	0.23	1.34E-97	cDC1	Cybb
Snx12	6.20E-102	0.870628	0.512	0.227	1.52E-97	cDC1	Snx1
Tmem123	6.46E-102	0.532086	0.374	0.143	1.58E-97	cDC1	Tmem123
Atp5md4	9.77E-102	0.742986	0.717	0.398	2.39E-97	cDC1	Atp5md
Map2k3	1.08E-101	0.875372	0.307	0.105	2.63E-97	cDC1	Map2k3
Lypla21	1.84E-101	0.759939	0.438	0.178	4.52E-97	cDC1	Lypla2
Mrpl321	1.94E-101	0.83416	0.368	0.138	4.75E-97	cDC1	Mrpl32
Exosc5	5.62E-101	0.768789	0.465	0.197	1.38E-96	cDC1	Exosc5
Eif2s2	6.13E-101	0.837237	0.65	0.334	1.50E-96	cDC1	Eif2s2
Mrpl402	2.29E-100	0.880756	0.334	0.122	5.61E-96	cDC1	Mrpl40
Anxa7	2.36E-100	0.859768	0.371	0.142	5.79E-96	cDC1	Anxa7
Acvrl12	2.39E-100	1.081312	0.365	0.142	5.86E-96	cDC1	Acvrl1
Tctex1d21	2.53E-100	0.906942	0.382	0.149	6.20E-96	cDC1	Tctex1d2
Mrpl203	4.42E-100	0.680205	0.556	0.254	1.08E-95	cDC1	Mrpl20
Birc33	5.33E-100	0.817541	0.511	0.229	1.31E-95	cDC1	Birc3
Cd484	5.35E-100	0.784252	0.726	0.398	1.31E-95	cDC1	Cd48
Polr2h	1.28E-99	1.076403	0.276	0.091	3.14E-95	cDC1	Polr2h
Ndufb85	2.04E-99	0.681518	0.724	0.389	5.00E-95	cDC1	Ndufb8
Mrps244	2.83E-99	0.670085	0.58	0.274	6.94E-95	cDC1	Mrps24
Glx21	7.89E-99	0.810054	0.362	0.138	1.93E-94	cDC1	Glx2
Psmb104	8.06E-99	0.826532	0.703	0.377	1.97E-94	cDC1	Psmb10
Txndc174	9.48E-99	0.618072	0.626	0.305	2.32E-94	cDC1	Txndc17
Lsm121	6.78E-98	0.722271	0.478	0.205	1.66E-93	cDC1	Lsm12
Nubp11	9.99E-98	0.798037	0.415	0.169	2.45E-93	cDC1	Nubp1
Dnaja14	1.09E-97	0.711901	0.6	0.288	2.67E-93	cDC1	Dnaja1
Rpa3	1.37E-97	0.921716	0.252	0.079	3.35E-93	cDC1	Rpa3

Hcls13	2.70E-97	0.683162	0.743	0.407	6.61E-93	cDC1	Hcls1
Ost44	4.33E-97	0.663608	0.81	0.493	1.06E-92	cDC1	Ost4
Atp5g35	5.63E-97	0.620342	0.879	0.588	1.38E-92	cDC1	Atp5g3
Hfe3	6.54E-97	1.065665	0.532	0.258	1.60E-92	cDC1	Hfe
Dnajc22	7.04E-97	0.854763	0.402	0.164	1.72E-92	cDC1	Dnajc2
Eif14	1.27E-96	0.529462	0.967	0.831	3.10E-92	cDC1	Eif1
Ust	6.92E-96	0.929001	0.343	0.127	1.69E-91	cDC1	Ust
Trappc43	1.95E-95	0.629655	0.542	0.25	4.77E-91	cDC1	Trappc4
Rbbp71	2.10E-95	0.738117	0.475	0.209	5.14E-91	cDC1	Rbbp7
Cacybp3	2.97E-95	0.722894	0.451	0.192	7.27E-91	cDC1	Cacybp
Tkt4	3.79E-95	0.684412	0.738	0.419	9.28E-91	cDC1	Tkt
Dnajc71	4.21E-95	0.892866	0.678	0.362	1.03E-90	cDC1	Dnajc7
Txnl4a	4.53E-95	0.852252	0.283	0.096	1.11E-90	cDC1	Txnl4a
Atrnl11	6.57E-95	1.355689	0.27	0.091	1.61E-90	cDC1	Atrnl1
Plekhn32	9.03E-95	0.770902	0.492	0.217	2.21E-90	cDC1	Plekhn3
Bin31	1.28E-94	0.754681	0.367	0.141	3.14E-90	cDC1	Bin3
Fam98c	1.49E-94	0.830899	0.311	0.111	3.66E-90	cDC1	Fam98c
Fmc1	1.61E-94	1.027553	0.261	0.087	3.95E-90	cDC1	Fmc1
Mrpl123	1.98E-94	0.69006	0.464	0.2	4.86E-90	cDC1	Mrpl12
Rex1bd3	1.13E-93	0.661594	0.515	0.234	2.76E-89	cDC1	Rex1bd
Sp1402	1.22E-93	0.882196	0.421	0.178	2.98E-89	cDC1	Sp140
Pold45	1.63E-93	0.748873	0.686	0.366	3.98E-89	cDC1	Pold4
Gm118084	3.56E-93	0.784183	0.598	0.301	8.71E-89	cDC1	Gm11808
Apex11	4.02E-93	0.8282	0.377	0.151	9.85E-89	cDC1	Apex1
Higd1a2	4.33E-93	0.669188	0.461	0.199	1.06E-88	cDC1	Higd1a
Pabpc14	4.88E-93	0.584956	0.893	0.618	1.20E-88	cDC1	Pabpc1
Rassf42	7.61E-93	0.762226	0.693	0.381	1.86E-88	cDC1	Rassf4
Csf2rb4	8.12E-93	0.841013	0.534	0.253	1.99E-88	cDC1	Csf2rb
Mrpl422	8.93E-93	0.656199	0.503	0.23	2.19E-88	cDC1	Mrpl42
Cox143	9.92E-93	0.678556	0.554	0.261	2.43E-88	cDC1	Cox14
Pfdn55	1.16E-92	0.591077	0.907	0.687	2.85E-88	cDC1	Pfdn5
Mea13	1.97E-92	0.734816	0.453	0.195	4.82E-88	cDC1	Mea1
Emd2	2.42E-92	0.741522	0.403	0.165	5.92E-88	cDC1	Emd
Snrpc3	4.46E-92	0.756071	0.507	0.231	1.09E-87	cDC1	Snrpc
Dr11	4.85E-92	0.983695	0.283	0.098	1.19E-87	cDC1	Dr1
Osgep2	6.66E-92	0.743523	0.479	0.213	1.63E-87	cDC1	Osgep
Cnih41	7.13E-92	0.653975	0.615	0.308	1.75E-87	cDC1	Cnih4
Exosc3	7.62E-92	0.859491	0.311	0.113	1.87E-87	cDC1	Exosc3
Hmgb22	1.25E-91	0.592425	0.506	0.231	3.07E-87	cDC1	Hmgb2
Ptprc4	2.20E-91	0.626549	0.876	0.569	5.39E-87	cDC1	Ptprc
Ddx39	3.65E-91	0.904021	0.307	0.112	8.95E-87	cDC1	Ddx39
Mvp4	4.00E-91	0.750324	0.434	0.185	9.80E-87	cDC1	Mvp
Ssrp12	4.44E-91	0.84113	0.393	0.162	1.09E-86	cDC1	Ssrp1
Marcksl12	4.86E-91	1.138127	0.374	0.155	1.19E-86	cDC1	Marcksl1

Phf5a1	5.16E-91	0.763282	0.419	0.176	1.26E-86	cDC1	Phf5a
Rheb3	6.36E-91	0.618543	0.611	0.302	1.56E-86	cDC1	Rheb
Vps36	1.22E-90	0.72563	0.338	0.128	3.00E-86	cDC1	Vps36
Ndufb104	1.41E-90	0.593368	0.728	0.395	3.46E-86	cDC1	Ndufb10
Eif3l2	1.55E-90	0.687691	0.484	0.217	3.79E-86	cDC1	Eif3l
Park73	2.23E-90	0.612775	0.731	0.404	5.47E-86	cDC1	Park7
Scp25	3.83E-90	0.607872	0.639	0.334	9.39E-86	cDC1	Scp2
Mknk21	6.17E-90	0.735757	0.351	0.136	1.51E-85	cDC1	Mknk2
Cript3	8.49E-90	0.706827	0.427	0.181	2.08E-85	cDC1	Cript
Bex3	8.93E-90	0.836221	0.288	0.102	2.19E-85	cDC1	Bex3
Uqcc25	9.12E-90	0.592477	0.581	0.281	2.23E-85	cDC1	Uqcc2
Pcbp13	1.26E-89	0.654398	0.823	0.522	3.08E-85	cDC1	Pcbp1
Hspe14	1.53E-89	0.67875	0.74	0.422	3.74E-85	cDC1	Hspe1
Ap2s15	1.54E-89	0.546957	0.61	0.294	3.78E-85	cDC1	Ap2s1
Hdgf4	4.11E-89	0.774464	0.403	0.169	1.01E-84	cDC1	Hdgf
Smim144	6.25E-89	0.595419	0.607	0.3	1.53E-84	cDC1	Smim14
Chmp4b6	8.59E-89	0.700506	0.775	0.46	2.10E-84	cDC1	Chmp4b
Mrto41	1.36E-88	0.776602	0.329	0.125	3.32E-84	cDC1	Mrto4
Copz13	2.00E-88	0.749415	0.483	0.221	4.90E-84	cDC1	Copz1
Ndufb75	4.15E-88	0.547896	0.697	0.368	1.02E-83	cDC1	Ndufb7
Myc1	4.67E-88	0.838446	0.303	0.111	1.14E-83	cDC1	Myc
Cox173	5.03E-88	0.655893	0.655	0.343	1.23E-83	cDC1	Cox17
Dctpp11	5.35E-88	0.892156	0.392	0.166	1.31E-83	cDC1	Dctpp1
Pin11	6.24E-88	0.760551	0.369	0.148	1.53E-83	cDC1	Pin1
Snhg13	1.18E-87	0.826718	0.368	0.15	2.89E-83	cDC1	Snhg1
Fbxo62	1.72E-87	0.812667	0.358	0.143	4.22E-83	cDC1	Fbxo6
Nfkb21	1.93E-87	0.94761	0.289	0.105	4.73E-83	cDC1	Nfkb2
Lsm6	1.94E-87	0.596003	0.547	0.261	4.75E-83	cDC1	Lsm6
Bccip1	2.11E-87	0.701906	0.368	0.148	5.17E-83	cDC1	Bccip
Atp5j24	2.92E-87	0.625425	0.826	0.515	7.14E-83	cDC1	Atp5j2
BC028528	3.17E-87	0.953873	0.508	0.252	7.75E-83	cDC1	BC028528
Rnf1873	3.42E-87	0.5908	0.574	0.277	8.37E-83	cDC1	Rnf187
Prr133	7.86E-87	0.517908	0.638	0.329	1.92E-82	cDC1	Prr13
Cox6a14	1.32E-86	0.584845	0.826	0.508	3.22E-82	cDC1	Cox6a1
Dpy19l1	1.71E-86	0.736562	0.399	0.166	4.20E-82	cDC1	Dpy19l1
Swi54	5.85E-86	0.640286	0.69	0.375	1.43E-81	cDC1	Swi5
Trpv2	9.37E-86	0.724077	0.407	0.173	2.29E-81	cDC1	Trpv2
Rbx13	1.75E-85	0.631046	0.773	0.459	4.29E-81	cDC1	Rbx1
Fundc1	1.80E-85	0.677248	0.365	0.147	4.41E-81	cDC1	Fundc1
Tnfaip83	2.06E-85	0.550152	0.627	0.32	5.04E-81	cDC1	Tnfaip8
Psmb62	2.84E-85	0.618999	0.693	0.373	6.96E-81	cDC1	Psmb6
Add32	3.07E-85	0.515951	0.357	0.14	7.53E-81	cDC1	Add3
Pgap22	4.02E-85	0.836089	0.381	0.16	9.84E-81	cDC1	Pgap2
Psmg42	4.57E-85	0.775399	0.41	0.177	1.12E-80	cDC1	Psmg4

Tmem1672	4.76E-85	0.610803	0.555	0.267	1.17E-80	cDC1	Tmem167
Rps217	8.04E-85	0.596497	0.953	0.832	1.97E-80	cDC1	Rps21
Metrn12	8.42E-85	0.685549	0.25	0.084	2.06E-80	cDC1	Metrn1
Atp6v0e3	1.90E-84	0.58951	0.838	0.558	4.65E-80	cDC1	Atp6v0e
Psm34	2.80E-84	0.626451	0.732	0.416	6.86E-80	cDC1	Psm3
Pno1	4.37E-84	0.958052	0.258	0.09	1.07E-79	cDC1	Pno1
Dph31	5.50E-84	0.693532	0.348	0.138	1.35E-79	cDC1	Dph3
Snrpa1	5.78E-84	0.837008	0.293	0.108	1.42E-79	cDC1	Snrpa1
Lamtor24	5.90E-84	0.576594	0.653	0.338	1.45E-79	cDC1	Lamtor2
Def6	6.15E-84	0.871983	0.311	0.119	1.51E-79	cDC1	Def6
Shisa53	6.29E-84	0.74679	0.753	0.454	1.54E-79	cDC1	Shisa5
Arhgap303	7.64E-84	0.580652	0.631	0.323	1.87E-79	cDC1	Arhgap30
Slc9a3r13	7.94E-84	0.721413	0.403	0.173	1.95E-79	cDC1	Slc9a3r1
Kxd13	8.17E-84	0.698576	0.508	0.24	2.00E-79	cDC1	Kxd1
Ndufb55	8.34E-84	0.548374	0.693	0.368	2.04E-79	cDC1	Ndufb5
Ndufa33	9.22E-84	0.664936	0.681	0.375	2.26E-79	cDC1	Ndufa3
Ndufa24	9.28E-84	0.580831	0.751	0.431	2.27E-79	cDC1	Ndufa2
Ogfr3	1.19E-83	0.807353	0.437	0.195	2.91E-79	cDC1	Ogfr
Ubb5	1.70E-83	0.439067	0.966	0.864	4.16E-79	cDC1	Ubb
Sipa1l3	1.74E-83	0.737125	0.301	0.111	4.26E-79	cDC1	Sipa1l3
Rplp15	1.79E-83	0.450983	0.979	0.919	4.39E-79	cDC1	Rplp1
Cox6c5	1.94E-83	0.562665	0.85	0.574	4.74E-79	cDC1	Cox6c
Stat22	1.99E-83	0.736781	0.427	0.187	4.87E-79	cDC1	Stat2
Gtf2h53	2.76E-83	0.629118	0.445	0.199	6.77E-79	cDC1	Gtf2h5
Polr2f3	4.40E-83	0.545653	0.436	0.192	1.08E-78	cDC1	Polr2f
Uchl3	5.20E-83	0.7756	0.311	0.118	1.27E-78	cDC1	Uchl3
Mrps28	5.63E-83	0.596526	0.399	0.169	1.38E-78	cDC1	Mrps28
Mtmt14	1.15E-82	0.917998	0.289	0.107	2.81E-78	cDC1	Mtmt14
Gng104	1.41E-82	0.59611	0.883	0.627	3.46E-78	cDC1	Gng10
Card194	1.45E-82	0.665978	0.512	0.244	3.56E-78	cDC1	Card19
Eif3c2	2.05E-82	0.626323	0.638	0.335	5.02E-78	cDC1	Eif3c
Nmi2	2.76E-82	0.838127	0.375	0.157	6.77E-78	cDC1	Nmi
Tgfb14	5.33E-82	0.645138	0.438	0.199	1.31E-77	cDC1	Tgfb1
Nr2c2ap	6.17E-82	0.925756	0.285	0.106	1.51E-77	cDC1	Nr2c2ap
Utrn1	8.21E-82	0.740806	0.322	0.124	2.01E-77	cDC1	Utrn
Rbm423	1.65E-81	0.604419	0.525	0.25	4.04E-77	cDC1	Rbm42
Xaf12	2.12E-81	0.886201	0.427	0.192	5.19E-77	cDC1	Xaf1
Mrpl44	3.06E-81	0.602372	0.461	0.209	7.50E-77	cDC1	Mrpl4
Ap1m1	4.43E-81	0.730463	0.343	0.138	1.09E-76	cDC1	Ap1m1
Med11	4.79E-81	0.906073	0.292	0.11	1.17E-76	cDC1	Med11
Rab1b3	5.81E-81	0.563025	0.535	0.258	1.42E-76	cDC1	Rab1b
Bola31	5.91E-81	0.66382	0.334	0.134	1.45E-76	cDC1	Bola3
Vdac32	6.17E-81	0.564787	0.511	0.241	1.51E-76	cDC1	Vdac3
Ngdn1	7.42E-81	0.73994	0.349	0.141	1.82E-76	cDC1	Ngdn

Psma64	1.24E-80	0.628685	0.539	0.266	3.04E-76	cDC1	Psma6
Sfr12	1.63E-80	0.554086	0.531	0.255	4.00E-76	cDC1	Sfr1
Cmpk13	2.09E-80	0.604139	0.547	0.267	5.11E-76	cDC1	Cmpk1
Aimp12	2.48E-80	0.671076	0.488	0.23	6.07E-76	cDC1	Aimp1
Gadd45gip:	7.07E-80	0.663855	0.4	0.173	1.73E-75	cDC1	Gadd45gip1
Trabd	8.94E-80	0.949003	0.261	0.094	2.19E-75	cDC1	Trabd
Cd723	1.40E-79	1.317159	0.321	0.135	3.44E-75	cDC1	Cd72
Cdc342	1.68E-79	0.728486	0.342	0.139	4.11E-75	cDC1	Cdc34
Glrx31	2.74E-79	0.580674	0.546	0.268	6.70E-75	cDC1	Glrx3
Raly3	3.57E-79	0.633469	0.569	0.289	8.74E-75	cDC1	Raly
Prkd3	4.90E-79	0.632974	0.374	0.157	1.20E-74	cDC1	Prkd3
Sod1	7.57E-79	0.87653	0.304	0.119	1.85E-74	cDC1	Sod1
Edf14	8.14E-79	0.593192	0.776	0.457	1.99E-74	cDC1	Edf1
Ndufs81	8.34E-79	0.533214	0.595	0.3	2.04E-74	cDC1	Ndufs8
Cyb5r32	8.94E-79	0.811722	0.341	0.14	2.19E-74	cDC1	Cyb5r3
Atic	1.10E-78	0.906959	0.277	0.104	2.70E-74	cDC1	Atic
Oasl23	1.64E-78	1.004764	0.403	0.189	4.01E-74	cDC1	Oasl2
Ubxn14	3.71E-78	0.589539	0.691	0.382	9.08E-74	cDC1	Ubxn1
Cyb5a2	5.25E-78	0.523878	0.691	0.393	1.29E-73	cDC1	Cyb5a
Uqcr105	6.48E-78	0.506692	0.696	0.378	1.59E-73	cDC1	Uqcr10
Ntan12	7.00E-78	0.617994	0.407	0.18	1.71E-73	cDC1	Ntan1
Psip1	7.75E-78	0.6802	0.275	0.101	1.90E-73	cDC1	Psip1
Gtf2e2	7.88E-78	0.633132	0.264	0.095	1.93E-73	cDC1	Gtf2e2
Zfp516	1.11E-77	0.82443	0.311	0.121	2.72E-73	cDC1	Zfp516
Gyg3	1.71E-77	0.673425	0.357	0.15	4.18E-73	cDC1	Gyg
Mrp124	4.87E-77	0.573719	0.457	0.211	1.19E-72	cDC1	Mrp124
Cox7a26	4.92E-77	0.558294	0.77	0.456	1.20E-72	cDC1	Cox7a2
Tmem2583	5.04E-77	0.615006	0.701	0.403	1.23E-72	cDC1	Tmem258
Timm134	6.99E-77	0.515406	0.635	0.332	1.71E-72	cDC1	Timm13
Snrnp40	7.73E-77	0.685848	0.332	0.134	1.89E-72	cDC1	Snrnp40
Cox8a5	1.08E-76	0.458698	0.952	0.781	2.64E-72	cDC1	Cox8a
Oat	1.39E-76	0.669371	0.309	0.121	3.41E-72	cDC1	Oat
Arpp191	1.87E-76	0.613344	0.594	0.311	4.57E-72	cDC1	Arpp19
Preli3b2	3.49E-76	0.741379	0.35	0.147	8.56E-72	cDC1	Preli3b
Lmo43	3.55E-76	0.723669	0.353	0.148	8.71E-72	cDC1	Lmo4
Cnbp1	3.84E-76	0.547425	0.806	0.516	9.41E-72	cDC1	Cnbp
Spop2	4.19E-76	0.483596	0.662	0.355	1.03E-71	cDC1	Spop
Sap182	6.26E-76	0.59047	0.559	0.286	1.53E-71	cDC1	Sap18
Phb22	6.46E-76	0.581981	0.581	0.299	1.58E-71	cDC1	Phb2
Cox6b15	6.94E-76	0.559608	0.841	0.553	1.70E-71	cDC1	Cox6b1
Chchd24	7.10E-76	0.619578	0.66	0.369	1.74E-71	cDC1	Chchd2
Ptms3	8.11E-76	0.671052	0.786	0.518	1.99E-71	cDC1	Ptms
Cdk142	9.67E-76	0.917336	0.489	0.236	2.37E-71	cDC1	Cdk14
Arl3	1.03E-75	0.455745	0.336	0.136	2.51E-71	cDC1	Arl3

Ric8a	1.04E-75	0.78155	0.302	0.119	2.56E-71	cDC1	Ric8a
Nfu1	1.33E-75	0.590441	0.466	0.218	3.25E-71	cDC1	Nfu1
Trmt1122	1.99E-75	0.569806	0.785	0.481	4.86E-71	cDC1	Trmt112
Rab323	2.08E-75	0.79994	0.411	0.191	5.10E-71	cDC1	Rab32
Tomm70a2	2.19E-75	0.607945	0.387	0.169	5.36E-71	cDC1	Tomm70a
Fkbp3	2.50E-75	0.569826	0.363	0.153	6.12E-71	cDC1	Fkbp3
Ptpn122	2.94E-75	0.777931	0.264	0.097	7.19E-71	cDC1	Ptpn12
Mta2	3.02E-75	0.749979	0.352	0.149	7.39E-71	cDC1	Mta2
Cox7c3	3.29E-75	0.598726	0.837	0.57	8.07E-71	cDC1	Cox7c
Nsun2	3.84E-75	0.745464	0.325	0.132	9.41E-71	cDC1	Nsun2
Meaf6	4.08E-75	0.521126	0.369	0.156	1.00E-70	cDC1	Meaf6
D8Ertd738e	4.11E-75	0.550893	0.755	0.438	1.01E-70	cDC1	D8Ertd738e
Nsmce1	7.21E-75	0.672619	0.326	0.133	1.77E-70	cDC1	Nsmce1
Sod24	8.70E-75	0.431024	0.419	0.186	2.13E-70	cDC1	Sod2
Bax3	8.77E-75	0.612775	0.661	0.359	2.15E-70	cDC1	Bax
Bloc1s15	1.56E-74	0.650698	0.465	0.222	3.82E-70	cDC1	Bloc1s1
Cwc153	1.81E-74	0.499967	0.597	0.306	4.43E-70	cDC1	Cwc15
Tsc22d35	2.57E-74	0.519919	0.575	0.295	6.29E-70	cDC1	Tsc22d3
Stip1	2.94E-74	0.702349	0.304	0.12	7.19E-70	cDC1	Stip1
Mapkapk31	4.20E-74	0.852541	0.293	0.116	1.03E-69	cDC1	Mapkapk3
Mrpl143	7.41E-74	0.540733	0.461	0.217	1.82E-69	cDC1	Mrpl14
Eno15	8.69E-74	0.543686	0.569	0.295	2.13E-69	cDC1	Eno1
Pfdn61	9.72E-74	0.765126	0.308	0.124	2.38E-69	cDC1	Pfdn6
Spag92	1.19E-73	0.551333	0.582	0.299	2.92E-69	cDC1	Spag9
Ppp4c3	1.24E-73	0.553497	0.634	0.337	3.03E-69	cDC1	Ppp4c
Dazap24	1.38E-73	0.541081	0.758	0.449	3.37E-69	cDC1	Dazap2
Med30	1.42E-73	0.598679	0.374	0.162	3.47E-69	cDC1	Med30
Ufm12	1.69E-73	0.716853	0.338	0.142	4.13E-69	cDC1	Ufm1
Mrpl363	1.86E-73	0.567309	0.426	0.194	4.57E-69	cDC1	Mrpl36
Dbi4	2.06E-73	0.369312	0.739	0.43	5.03E-69	cDC1	Dbi
Krtcap22	2.22E-73	0.624206	0.736	0.437	5.44E-69	cDC1	Krtcap2
Fam104a3	2.22E-73	0.473681	0.485	0.229	5.45E-69	cDC1	Fam104a
Pdcd2l	2.27E-73	0.562774	0.36	0.152	5.56E-69	cDC1	Pdcd2l
Srp192	2.81E-73	0.560122	0.45	0.21	6.87E-69	cDC1	Srp19
Tbcb2	3.26E-73	0.529478	0.527	0.259	7.98E-69	cDC1	Tbcb
Otub11	3.64E-73	0.611054	0.451	0.213	8.92E-69	cDC1	Otub1
Psmd132	4.29E-73	0.541025	0.456	0.213	1.05E-68	cDC1	Psmd13
Uqcrc2	4.64E-73	0.512169	0.535	0.266	1.14E-68	cDC1	Uqcrc2
Zfp8001	5.29E-73	0.624291	0.318	0.128	1.29E-68	cDC1	Zfp800
Ndufc15	5.55E-73	0.543241	0.551	0.279	1.36E-68	cDC1	Ndufc1
Bcl2a1a3	5.60E-73	1.106838	0.315	0.133	1.37E-68	cDC1	Bcl2a1a
Mrps15	6.08E-73	0.539167	0.518	0.258	1.49E-68	cDC1	Mrps15
Hnrnpa02	7.52E-73	0.605133	0.551	0.28	1.84E-68	cDC1	Hnrnpa0
Elmo21	9.18E-73	0.732948	0.299	0.119	2.25E-68	cDC1	Elmo2

Rfx7	1.28E-72	0.568865	0.287	0.11	3.13E-68	cDC1	Rfx7
Sars1	1.48E-72	0.62481	0.444	0.209	3.62E-68	cDC1	Sars
Nfkbib3	1.81E-72	0.653512	0.396	0.178	4.42E-68	cDC1	Nfkbib
Sys12	2.04E-72	0.535841	0.576	0.298	4.99E-68	cDC1	Sys1
Gtf2f1	2.05E-72	0.748944	0.302	0.12	5.02E-68	cDC1	Gtf2f1
Micos133	3.84E-72	0.534496	0.594	0.313	9.39E-68	cDC1	Micos133
Ube2q12	4.86E-72	0.531973	0.439	0.205	1.19E-67	cDC1	Ube2q1
Gars2	5.08E-72	0.673556	0.446	0.21	1.24E-67	cDC1	Gars
Zbtb8os1	8.67E-72	0.631097	0.299	0.119	2.12E-67	cDC1	Zbtb8os
Pid14	9.79E-72	0.958479	0.683	0.41	2.40E-67	cDC1	Pid1
Ndufa124	1.26E-71	0.480076	0.519	0.257	3.10E-67	cDC1	Ndufa12
Ndufa75	1.29E-71	0.525452	0.797	0.491	3.17E-67	cDC1	Ndufa7
Fkbp1a4	1.58E-71	0.520752	0.618	0.331	3.87E-67	cDC1	Fkbp1a
Gtf3c6	1.72E-71	0.696425	0.273	0.105	4.21E-67	cDC1	Gtf3c6
Babam11	1.76E-71	0.63405	0.391	0.173	4.32E-67	cDC1	Babam1
Pgk15	1.93E-71	0.480568	0.515	0.254	4.72E-67	cDC1	Pgk1
Ndufaf82	1.94E-71	0.669627	0.391	0.177	4.74E-67	cDC1	Ndufaf8
Mob1a2	1.96E-71	0.570404	0.473	0.226	4.79E-67	cDC1	Mob1a
Cdc5l	2.04E-71	0.633791	0.353	0.151	4.98E-67	cDC1	Cdc5l
Hpcal15	2.34E-71	0.542018	0.52	0.257	5.73E-67	cDC1	Hpcal1
Eif3a4	2.40E-71	0.528652	0.634	0.337	5.88E-67	cDC1	Eif3a
Tiam11	2.68E-71	0.505343	0.348	0.145	6.57E-67	cDC1	Tiam1
Gosr2	3.21E-71	0.676224	0.326	0.136	7.86E-67	cDC1	Gosr2
Sin3b3	3.39E-71	0.570728	0.533	0.268	8.31E-67	cDC1	Sin3b
Psmc42	3.41E-71	0.562411	0.43	0.199	8.34E-67	cDC1	Psmc4
Borcs6	3.44E-71	0.718584	0.28	0.109	8.42E-67	cDC1	Borcs6
Eif2s12	3.45E-71	0.54479	0.434	0.203	8.46E-67	cDC1	Eif2s1
Sgk31	3.61E-71	0.477238	0.462	0.213	8.84E-67	cDC1	Sgk3
C1d1	4.79E-71	0.521441	0.431	0.199	1.17E-66	cDC1	C1d
Mrpl283	6.31E-71	0.639584	0.342	0.147	1.54E-66	cDC1	Mrpl28
Rpl22l15	7.63E-71	0.589215	0.79	0.493	1.87E-66	cDC1	Rpl22l1
Ubl55	8.37E-71	0.538439	0.769	0.478	2.05E-66	cDC1	Ubl5
Mrpl182	1.85E-70	0.554465	0.416	0.192	4.52E-66	cDC1	Mrpl18
Tgtp23	2.44E-70	1.056065	0.269	0.106	5.96E-66	cDC1	Tgtp2
Sep-72	2.51E-70	0.404092	0.604	0.314	6.15E-66	cDC1	7-Sep
Smarcd21	2.54E-70	0.586944	0.332	0.138	6.23E-66	cDC1	Smarcd2
Trim254	3.14E-70	0.639085	0.375	0.167	7.70E-66	cDC1	Trim25
Amz11	3.37E-70	0.57685	0.397	0.178	8.26E-66	cDC1	Amz1
Dusp22	5.38E-70	0.654571	0.298	0.119	1.32E-65	cDC1	Dusp22
Stoml22	5.57E-70	0.635982	0.359	0.157	1.36E-65	cDC1	Stoml2
Mrpl581	6.19E-70	0.701088	0.349	0.152	1.52E-65	cDC1	Mrpl58
Ubl4a	7.59E-70	0.774161	0.265	0.103	1.86E-65	cDC1	Ubl4a
Pum3	1.30E-69	0.685089	0.254	0.095	3.19E-65	cDC1	Pum3
Smim32	2.06E-69	0.545735	0.342	0.145	5.04E-65	cDC1	Smim3

Sumo13	2.49E-69	0.506093	0.604	0.321	6.09E-65	cDC1	Sumo1
Tubb53	2.51E-69	0.633936	0.749	0.465	6.15E-65	cDC1	Tubb5
Eif3b2	3.44E-69	0.617018	0.375	0.167	8.42E-65	cDC1	Eif3b
Rbck1	3.82E-69	0.512142	0.443	0.208	9.35E-65	cDC1	Rbck1
Fmnl12	4.15E-69	0.515074	0.624	0.338	1.02E-64	cDC1	Fmnl1
Mospd3	4.61E-69	0.802088	0.262	0.101	1.13E-64	cDC1	Mospd3
Gnai23	8.87E-69	0.430027	0.929	0.781	2.17E-64	cDC1	Gnai2
Dcaf12	1.22E-68	0.41672	0.411	0.186	2.98E-64	cDC1	Dcaf12
Mpc23	1.33E-68	0.492957	0.612	0.334	3.27E-64	cDC1	Mpc2
Grk61	1.81E-68	0.745042	0.25	0.093	4.43E-64	cDC1	Grk6
Mrps34	3.81E-68	0.582249	0.391	0.177	9.33E-64	cDC1	Mrps34
Cct31	4.26E-68	0.633312	0.414	0.195	1.04E-63	cDC1	Cct3
Cenpx4	4.63E-68	0.425859	0.544	0.276	1.14E-63	cDC1	Cenpx
Eef1d4	5.00E-68	0.494018	0.787	0.489	1.23E-63	cDC1	Eef1d
Capg4	5.54E-68	1.274014	0.312	0.14	1.36E-63	cDC1	Capg
Cers5	8.30E-68	0.533346	0.362	0.158	2.03E-63	cDC1	Cers5
Cops63	1.06E-67	0.553475	0.47	0.231	2.59E-63	cDC1	Cops6
Lsm81	1.22E-67	0.55163	0.365	0.16	3.00E-63	cDC1	Lsm8
Lsm2	1.26E-67	0.723469	0.284	0.114	3.09E-63	cDC1	Lsm2
Tpr3	1.42E-67	0.488868	0.639	0.35	3.47E-63	cDC1	Tpr
Mettl23	1.45E-67	0.604071	0.425	0.2	3.56E-63	cDC1	Mettl23
Etfa3	1.87E-67	0.446986	0.45	0.214	4.58E-63	cDC1	Etfa
Stk242	1.95E-67	0.38916	0.45	0.212	4.78E-63	cDC1	Stk24
Polr2m	2.36E-67	0.569381	0.326	0.139	5.78E-63	cDC1	Polr2m
Mrps23	2.71E-67	0.750815	0.292	0.119	6.65E-63	cDC1	Mrps23
Plekho24	3.62E-67	0.577559	0.426	0.203	8.87E-63	cDC1	Plekho2
Pdap11	4.20E-67	0.57791	0.349	0.154	1.03E-62	cDC1	Pdap1
Vars	4.35E-67	0.621519	0.347	0.151	1.06E-62	cDC1	Vars
Sumo32	4.37E-67	0.594776	0.363	0.162	1.07E-62	cDC1	Sumo3
Sptbn11	6.27E-67	0.523511	0.314	0.131	1.54E-62	cDC1	Sptbn1
Leprotl13	9.10E-67	0.528676	0.532	0.272	2.23E-62	cDC1	Leprotl1
Cdc423	9.84E-67	0.459741	0.914	0.728	2.41E-62	cDC1	Cdc42
Snf82	1.06E-66	0.509086	0.459	0.223	2.59E-62	cDC1	Snf8
Hes6	1.28E-66	0.752058	0.265	0.104	3.14E-62	cDC1	Hes6
Pdlim51	1.36E-66	0.469083	0.425	0.198	3.33E-62	cDC1	Pdlim5
Etfb3	1.43E-66	0.418589	0.539	0.273	3.49E-62	cDC1	Etfb
Mrpl512	1.45E-66	0.519976	0.394	0.18	3.55E-62	cDC1	Mrpl51
Hsd17b102	1.48E-66	0.676367	0.338	0.148	3.63E-62	cDC1	Hsd17b10
Gsk3a	1.73E-66	0.508912	0.326	0.138	4.25E-62	cDC1	Gsk3a
Capns14	1.98E-66	0.484384	0.635	0.346	4.86E-62	cDC1	Capns1
Mrps18c1	2.09E-66	0.563457	0.4	0.185	5.12E-62	cDC1	Mrps18c
Taok32	2.18E-66	0.471622	0.657	0.364	5.33E-62	cDC1	Taok3
Psm42	2.75E-66	0.518398	0.504	0.255	6.74E-62	cDC1	Psm4
Cyp27a12	3.60E-66	0.645018	0.32	0.136	8.82E-62	cDC1	Cyp27a1

Mrpl431	4.77E-66	0.542578	0.512	0.261	1.17E-61	cDC1	Mrpl43
Polr2k1	6.74E-66	0.556168	0.376	0.17	1.65E-61	cDC1	Polr2k
Exosc8	6.99E-66	0.580022	0.325	0.139	1.71E-61	cDC1	Exosc8
Csk3	9.40E-66	0.510928	0.635	0.353	2.30E-61	cDC1	Csk
Ndufa135	9.61E-66	0.489933	0.817	0.532	2.35E-61	cDC1	Ndufa13
Gclm2	1.05E-65	0.250856	0.421	0.196	2.58E-61	cDC1	Gclm
Ndufb25	1.07E-65	0.544994	0.482	0.243	2.61E-61	cDC1	Ndufb2
Fcf11	1.41E-65	0.591126	0.442	0.213	3.46E-61	cDC1	Fcf1
Sh3bp12	1.64E-65	0.662679	0.554	0.308	4.02E-61	cDC1	Sh3bp1
Eif4h2	2.33E-65	0.379588	0.571	0.294	5.71E-61	cDC1	Eif4h
Spg214	2.62E-65	0.571909	0.478	0.238	6.41E-61	cDC1	Spg21
Imp3	2.71E-65	0.596486	0.427	0.204	6.63E-61	cDC1	Imp3
Mdfic2	3.18E-65	0.65521	0.267	0.106	7.79E-61	cDC1	Mdfic
Smarcb1	3.39E-65	0.581047	0.342	0.15	8.30E-61	cDC1	Smarcb1
Irgm13	3.51E-65	0.6647	0.479	0.243	8.59E-61	cDC1	Irgm1
Pfdn24	5.21E-65	0.426073	0.535	0.272	1.28E-60	cDC1	Pfdn2
Ostf13	5.32E-65	0.464914	0.79	0.49	1.30E-60	cDC1	Ostf1
Ank	7.51E-65	0.66188	0.29	0.121	1.84E-60	cDC1	Ank
Trappc6a2	8.20E-65	0.653021	0.328	0.143	2.01E-60	cDC1	Trappc6a
Rab212	8.22E-65	0.449466	0.472	0.232	2.01E-60	cDC1	Rab21
Syf23	1.06E-64	0.486196	0.477	0.236	2.59E-60	cDC1	Syf2
Themis24	1.12E-64	0.627716	0.443	0.217	2.73E-60	cDC1	Themis2
Mak16	1.15E-64	0.567702	0.272	0.108	2.82E-60	cDC1	Mak16
Anxa43	1.19E-64	0.730215	0.34	0.15	2.91E-60	cDC1	Anxa4
Strap	1.82E-64	0.594648	0.35	0.156	4.47E-60	cDC1	Strap
Nsmce4a1	1.85E-64	0.530494	0.361	0.161	4.52E-60	cDC1	Nsmce4a
Fam162a1	1.91E-64	0.590372	0.329	0.143	4.69E-60	cDC1	Fam162a
Ube2f1	2.01E-64	0.471154	0.524	0.27	4.92E-60	cDC1	Ube2f
Rac24	2.40E-64	0.590321	0.699	0.453	5.89E-60	cDC1	Rac2
Xrn22	3.32E-64	0.448601	0.504	0.254	8.13E-60	cDC1	Xrn2
Psmb71	3.92E-64	0.525205	0.382	0.178	9.59E-60	cDC1	Psmb7
Twistnb	4.13E-64	0.549405	0.34	0.149	1.01E-59	cDC1	Twistnb
Mrpl35	4.36E-64	0.673923	0.264	0.105	1.07E-59	cDC1	Mrpl35
Ube2n1	7.28E-64	0.479508	0.527	0.275	1.78E-59	cDC1	Ube2n
Clns1a	9.04E-64	0.536581	0.338	0.149	2.21E-59	cDC1	Clns1a
Timm17b	9.73E-64	0.502202	0.353	0.157	2.38E-59	cDC1	Timm17b
Tbc1d10b	1.51E-63	0.717183	0.257	0.101	3.69E-59	cDC1	Tbc1d10b
Mrpl22	1.71E-63	0.552334	0.291	0.12	4.19E-59	cDC1	Mrpl22
Anxa111	2.18E-63	0.446874	0.276	0.112	5.33E-59	cDC1	Anxa11
Gm20002	3.73E-63	0.73805	0.3	0.128	9.13E-59	cDC1	Gm2000
Lage3	4.00E-63	0.612297	0.324	0.141	9.80E-59	cDC1	Lage3
Ndufa17	4.83E-63	0.461327	0.6	0.327	1.18E-58	cDC1	Ndufa1
Foxn2	4.95E-63	0.619314	0.268	0.107	1.21E-58	cDC1	Foxn2
Ssna13	7.17E-63	0.535219	0.404	0.192	1.75E-58	cDC1	Ssna1

Isoc11	7.17E-63	0.618504	0.297	0.126	1.76E-58	cDC1	Isoc1
Nans	7.69E-63	0.665347	0.28	0.116	1.88E-58	cDC1	Nans
Slc48a13	9.09E-63	0.380825	0.349	0.156	2.23E-58	cDC1	Slc48a1
Ube2d33	1.19E-62	0.528011	0.807	0.523	2.91E-58	cDC1	Ube2d3
Ikbbk2	1.31E-62	0.491875	0.47	0.234	3.21E-58	cDC1	Ikbbk
Polr2c1	1.46E-62	0.526802	0.342	0.151	3.59E-58	cDC1	Polr2c
Atpif11	1.72E-62	0.632058	0.782	0.557	4.21E-58	cDC1	Atpif1
1500011BC	1.73E-62	0.62959	0.253	0.1	4.24E-58	cDC1	1500011B03Rik
Tyk2	1.95E-62	0.517144	0.32	0.138	4.77E-58	cDC1	Tyk2
Oas1a3	2.16E-62	0.952856	0.334	0.156	5.29E-58	cDC1	Oas1a
Gabarapl2	2.21E-62	0.443512	0.654	0.373	5.42E-58	cDC1	Gabarapl2
Psma11	4.34E-62	0.446288	0.555	0.292	1.06E-57	cDC1	Psma1
Top2b	5.39E-62	0.352642	0.392	0.181	1.32E-57	cDC1	Top2b
Pml2	6.04E-62	0.955606	0.273	0.114	1.48E-57	cDC1	Pml
Cyb5b	6.17E-62	0.539879	0.268	0.108	1.51E-57	cDC1	Cyb5b
Psm14	8.46E-62	0.398988	0.426	0.203	2.07E-57	cDC1	Psm14
Fam107b2	8.78E-62	0.474203	0.337	0.148	2.15E-57	cDC1	Fam107b
Cmc12	8.89E-62	0.453952	0.439	0.214	2.18E-57	cDC1	Cmc1
Nadk4	9.57E-62	0.316672	0.494	0.245	2.34E-57	cDC1	Nadk
Mrps363	1.26E-61	0.45236	0.387	0.18	3.08E-57	cDC1	Mrps36
Znhit14	1.88E-61	0.529577	0.4	0.191	4.61E-57	cDC1	Znhit1
Ndufb95	2.04E-61	0.439964	0.759	0.445	4.98E-57	cDC1	Ndufb9
Ndufb34	2.81E-61	0.406464	0.566	0.301	6.88E-57	cDC1	Ndufb3
Sra13	3.75E-61	0.616889	0.405	0.196	9.18E-57	cDC1	Sra1
Gemin71	4.37E-61	0.590067	0.387	0.184	1.07E-56	cDC1	Gemin7
Tmem2192	4.58E-61	0.503517	0.59	0.326	1.12E-56	cDC1	Tmem219
Psm23	8.40E-61	0.599482	0.404	0.195	2.06E-56	cDC1	Psm2
Pcbp22	9.58E-61	0.417398	0.622	0.342	2.35E-56	cDC1	Pcbp2
Sp1102	9.92E-61	0.670003	0.468	0.242	2.43E-56	cDC1	Sp110
Nucks11	1.11E-60	0.536597	0.442	0.221	2.72E-56	cDC1	Nucks1
Suclg1	1.25E-60	0.402528	0.361	0.164	3.06E-56	cDC1	Suclg1
Polr3c	1.34E-60	0.614933	0.282	0.118	3.27E-56	cDC1	Polr3c
Dennd1b1	1.98E-60	0.477802	0.465	0.229	4.85E-56	cDC1	Dennd1b
Coro1b3	2.13E-60	0.51508	0.751	0.466	5.21E-56	cDC1	Coro1b
Zfp1062	2.29E-60	0.394877	0.439	0.214	5.62E-56	cDC1	Zfp106
Ndufs64	2.86E-60	0.466652	0.424	0.208	7.01E-56	cDC1	Ndufs6
Chrac12	3.15E-60	0.491964	0.468	0.236	7.72E-56	cDC1	Chrac1
Cers63	3.88E-60	0.60944	0.416	0.204	9.50E-56	cDC1	Cers6
Erh	4.18E-60	0.546718	0.252	0.1	1.02E-55	cDC1	Erh
Elp5	5.50E-60	0.543425	0.295	0.127	1.35E-55	cDC1	Elp5
Ccndbp1	6.93E-60	0.615508	0.299	0.13	1.70E-55	cDC1	Ccndbp1
Hat1	7.34E-60	0.687634	0.283	0.12	1.80E-55	cDC1	Hat1
Ahcyl21	9.43E-60	0.34252	0.385	0.178	2.31E-55	cDC1	Ahcyl2
Prpf40a1	1.08E-59	0.458518	0.558	0.294	2.64E-55	cDC1	Prpf40a

Cox4i16	1.47E-59	0.35791	0.952	0.801	3.59E-55	cDC1	Cox4i1
Ccng1	1.58E-59	0.557602	0.347	0.158	3.88E-55	cDC1	Ccng1
Rabgap1l	2.11E-59	0.404901	0.261	0.104	5.16E-55	cDC1	Rabgap1l
Cdkn1b1	2.74E-59	0.632523	0.307	0.134	6.70E-55	cDC1	Cdkn1b
Fdx22	3.11E-59	0.517115	0.321	0.143	7.61E-55	cDC1	Fdx2
Commd7	3.69E-59	0.478328	0.45	0.223	9.03E-55	cDC1	Commd7
Pcbd22	6.86E-59	0.508398	0.337	0.153	1.68E-54	cDC1	Pcbd2
Rnf1661	6.90E-59	0.418229	0.406	0.195	1.69E-54	cDC1	Rnf166
Bnip21	7.70E-59	0.436702	0.55	0.293	1.88E-54	cDC1	Bnip2
Adh51	7.87E-59	0.418716	0.441	0.218	1.93E-54	cDC1	Adh5
Timm8b2	8.02E-59	0.401152	0.452	0.225	1.96E-54	cDC1	Timm8b
Ssr32	8.66E-59	0.435819	0.446	0.221	2.12E-54	cDC1	Ssr3
Ola1	8.69E-59	0.453405	0.381	0.181	2.13E-54	cDC1	Ola1
Rchy11	1.36E-58	0.517509	0.365	0.17	3.33E-54	cDC1	Rchy1
Ier3ip12	1.68E-58	0.404456	0.531	0.277	4.12E-54	cDC1	Ier3ip1
Cdv31	2.17E-58	0.482959	0.315	0.14	5.32E-54	cDC1	Cdv3
Ttc71	2.27E-58	0.374451	0.415	0.199	5.55E-54	cDC1	Ttc7
Jarid24	3.77E-58	0.576236	0.592	0.33	9.23E-54	cDC1	Jarid2
Cpsf2	4.05E-58	0.578391	0.257	0.104	9.92E-54	cDC1	Cpsf2
Dusp112	4.36E-58	0.400498	0.461	0.23	1.07E-53	cDC1	Dusp11
Tomm65	4.70E-58	0.42487	0.823	0.528	1.15E-53	cDC1	Tomm6
Ensa1	6.06E-58	0.560692	0.321	0.143	1.48E-53	cDC1	Ensa
Ndufa114	6.85E-58	0.385753	0.623	0.347	1.68E-53	cDC1	Ndufa11
Trnau1ap	8.14E-58	0.676121	0.268	0.112	1.99E-53	cDC1	Trnau1ap
Rnf1501	8.97E-58	0.361155	0.301	0.129	2.20E-53	cDC1	Rnf150
Pgam15	1.09E-57	0.430644	0.615	0.345	2.68E-53	cDC1	Pgam1
Ubald23	1.28E-57	0.498487	0.531	0.284	3.14E-53	cDC1	Ubald2
Ptpn21	1.34E-57	0.464186	0.323	0.144	3.28E-53	cDC1	Ptpn2
Sgpp11	1.60E-57	0.711353	0.277	0.118	3.91E-53	cDC1	Sgpp1
Polr2g3	1.74E-57	0.42439	0.446	0.224	4.26E-53	cDC1	Polr2g
3830406C1	1.94E-57	0.467424	0.292	0.126	4.75E-53	cDC1	3830406C13Rik
Exosc7	2.30E-57	0.536855	0.258	0.105	5.63E-53	cDC1	Exosc7
Pop5	2.44E-57	0.581821	0.281	0.12	5.99E-53	cDC1	Pop5
Cope3	2.90E-57	0.495157	0.654	0.382	7.11E-53	cDC1	Cope
Xpo1	5.15E-57	0.623494	0.26	0.107	1.26E-52	cDC1	Xpo1
Eloc1	5.41E-57	0.377428	0.549	0.29	1.32E-52	cDC1	Eloc
Idh3a	5.41E-57	0.594921	0.261	0.108	1.33E-52	cDC1	Idh3a
Ccdc1241	5.74E-57	0.505902	0.377	0.181	1.40E-52	cDC1	Ccdc124
Far12	5.84E-57	0.450164	0.399	0.19	1.43E-52	cDC1	Far1
Rad23a	6.45E-57	0.40919	0.42	0.207	1.58E-52	cDC1	Rad23a
Dohh1	7.57E-57	0.652209	0.28	0.12	1.85E-52	cDC1	Dohh
Fam50a3	7.65E-57	0.484629	0.373	0.177	1.87E-52	cDC1	Fam50a
Ptges31	7.74E-57	0.433248	0.547	0.294	1.90E-52	cDC1	Ptges3
Srp144	9.17E-57	0.380815	0.647	0.362	2.25E-52	cDC1	Srp14

Spr1	1.03E-56	0.595063	0.284	0.123	2.53E-52	cDC1	Spr
Psemb24	1.08E-56	0.378153	0.649	0.365	2.65E-52	cDC1	Psemb2
Ppil3	1.25E-56	0.665619	0.25	0.103	3.07E-52	cDC1	Ppil3
Lsm1	1.26E-56	0.454325	0.282	0.12	3.10E-52	cDC1	Lsm1
Tmem2563	1.68E-56	0.424118	0.58	0.315	4.11E-52	cDC1	Tmem256
Uqcrc12	1.76E-56	0.383578	0.602	0.335	4.32E-52	cDC1	Uqcrc1
Sarnp1	1.98E-56	0.309227	0.531	0.281	4.86E-52	cDC1	Sarnp
Smarce1	2.04E-56	0.405771	0.342	0.155	5.00E-52	cDC1	Smarce1
Ppp2r1a2	2.09E-56	0.445009	0.457	0.233	5.11E-52	cDC1	Ppp2r1a
Fam89b3	3.10E-56	0.386052	0.51	0.265	7.59E-52	cDC1	Fam89b
Mrps121	3.11E-56	0.422655	0.338	0.154	7.61E-52	cDC1	Mrps12
Cct6a	3.78E-56	0.51971	0.392	0.192	9.26E-52	cDC1	Cct6a
Abce1	8.22E-56	0.519951	0.261	0.108	2.01E-51	cDC1	Abce1
Ddx46	8.87E-56	0.409385	0.332	0.152	2.17E-51	cDC1	Ddx46
Nono2	9.87E-56	0.465494	0.527	0.286	2.42E-51	cDC1	Nono
Sf3a21	1.30E-55	0.445678	0.344	0.159	3.17E-51	cDC1	Sf3a2
Atp5k2	1.46E-55	0.482864	0.417	0.209	3.58E-51	cDC1	Atp5k
Zc3hav14	1.55E-55	0.42476	0.463	0.235	3.79E-51	cDC1	Zc3hav1
Ndufs54	1.75E-55	0.321787	0.598	0.329	4.30E-51	cDC1	Ndufs5
Eny21	1.87E-55	0.445745	0.338	0.156	4.58E-51	cDC1	Eny2
Mrps26	2.06E-55	0.42203	0.319	0.143	5.05E-51	cDC1	Mrps26
Actr10	2.53E-55	0.430198	0.397	0.193	6.20E-51	cDC1	Actr10
Tmem2421	4.51E-55	0.517941	0.279	0.121	1.10E-50	cDC1	Tmem242
Tuba1a2	5.46E-55	0.254067	0.485	0.247	1.34E-50	cDC1	Tuba1a
Hdac1	5.73E-55	0.5184	0.371	0.179	1.40E-50	cDC1	Hdac1
Timm17a2	6.51E-55	0.479357	0.351	0.165	1.59E-50	cDC1	Timm17a
Mrtfa3	7.27E-55	0.352011	0.455	0.229	1.78E-50	cDC1	Mrtfa
Cisd1	8.43E-55	0.47298	0.313	0.141	2.06E-50	cDC1	Cisd1
Elof11	1.12E-54	0.509979	0.334	0.155	2.75E-50	cDC1	Elof1
Ndufs22	1.34E-54	0.362836	0.503	0.264	3.28E-50	cDC1	Ndufs2
Noc2l	1.44E-54	0.459268	0.374	0.18	3.52E-50	cDC1	Noc2l
Rcc21	1.46E-54	0.434968	0.331	0.152	3.59E-50	cDC1	Rcc2
Eif1a2	1.50E-54	0.586731	0.323	0.149	3.68E-50	cDC1	Eif1a
Srp72	1.66E-54	0.422275	0.393	0.192	4.06E-50	cDC1	Srp72
Eif4a3	2.42E-54	0.394949	0.458	0.235	5.92E-50	cDC1	Eif4a3
Atp5a15	2.54E-54	0.442452	0.745	0.467	6.22E-50	cDC1	Atp5a1
Micos103	3.15E-54	0.361216	0.593	0.331	7.71E-50	cDC1	Micos10
Malt11	3.55E-54	0.616767	0.307	0.139	8.69E-50	cDC1	Malt1
Timm232	4.08E-54	0.481565	0.5	0.268	9.99E-50	cDC1	Timm23
Ncl2	7.92E-54	0.416641	0.617	0.353	1.94E-49	cDC1	Ncl
Fam174a3	7.99E-54	0.460785	0.565	0.313	1.96E-49	cDC1	Fam174a
Arl6ip52	8.78E-54	0.404863	0.648	0.375	2.15E-49	cDC1	Arl6ip5
Spi13	1.00E-53	0.460381	0.898	0.702	2.45E-49	cDC1	Spi1
Acaa1a2	1.04E-53	0.376288	0.5	0.262	2.54E-49	cDC1	Acaa1a

1110004F1	1.30E-53	0.362095	0.431	0.216	3.18E-49	cDC1	1110004F10Rik
Rbis1	1.33E-53	0.418314	0.443	0.227	3.25E-49	cDC1	Rbis
Lman23	1.92E-53	0.382092	0.55	0.3	4.71E-49	cDC1	Lman2
Riok32	2.59E-53	0.358444	0.444	0.226	6.35E-49	cDC1	Riok3
Gstp12	2.66E-53	0.364836	0.527	0.285	6.52E-49	cDC1	Gstp1
Mrps214	2.81E-53	0.331982	0.616	0.341	6.88E-49	cDC1	Mrps21
Plaat34	3.00E-53	0.580271	0.4	0.206	7.35E-49	cDC1	Plaat3
Parl	3.18E-53	0.326373	0.315	0.142	7.79E-49	cDC1	Parl
Sptssa2	3.25E-53	0.388072	0.55	0.301	7.97E-49	cDC1	Sptssa
Aldh9a1	3.29E-53	0.5954	0.259	0.11	8.07E-49	cDC1	Aldh9a1
Ndufv1	3.97E-53	0.433052	0.377	0.184	9.72E-49	cDC1	Ndufv1
Cltb1	4.15E-53	0.384126	0.35	0.165	1.02E-48	cDC1	Cltb
Ndufa84	5.17E-53	0.387062	0.577	0.32	1.27E-48	cDC1	Ndufa8
Pip5k1c	6.06E-53	0.388158	0.368	0.177	1.48E-48	cDC1	Pip5k1c
Tomm201	6.16E-53	0.424635	0.678	0.399	1.51E-48	cDC1	Tomm20
Dock102	8.03E-53	0.451592	0.869	0.604	1.97E-48	cDC1	Dock10
Reep53	9.00E-53	0.446801	0.826	0.573	2.20E-48	cDC1	Reep5
Tor1a1	1.07E-52	0.460701	0.409	0.206	2.61E-48	cDC1	Tor1a
Wdr13	1.17E-52	0.452178	0.624	0.361	2.87E-48	cDC1	Wdr1
Hsp90aa12	1.20E-52	0.398375	0.58	0.325	2.94E-48	cDC1	Hsp90aa1
Golga7	1.26E-52	0.366886	0.385	0.188	3.09E-48	cDC1	Golga7
Tuba1c1	1.42E-52	0.599999	0.267	0.116	3.47E-48	cDC1	Tuba1c
Erg28	1.42E-52	0.51313	0.292	0.13	3.48E-48	cDC1	Erg28
Sharnin2	1.59E-52	0.397794	0.415	0.209	3.89E-48	cDC1	Sharnin
Pdcd52	1.67E-52	0.310058	0.54	0.289	4.10E-48	cDC1	Pdcd5
E2f41	1.89E-52	0.477945	0.357	0.172	4.64E-48	cDC1	E2f4
Snrpb21	2.16E-52	0.518249	0.334	0.157	5.29E-48	cDC1	Snrpb2
Lamtor53	2.25E-52	0.402277	0.465	0.242	5.52E-48	cDC1	Lamtor5
Rad23b1	2.32E-52	0.355669	0.399	0.198	5.69E-48	cDC1	Rad23b
Med101	2.48E-52	0.476886	0.329	0.154	6.06E-48	cDC1	Med10
Smc3	2.80E-52	0.336464	0.292	0.13	6.85E-48	cDC1	Smc3
Pes11	3.40E-52	0.454466	0.349	0.167	8.34E-48	cDC1	Pes1
Stk382	3.52E-52	0.371891	0.434	0.221	8.62E-48	cDC1	Stk38
Pnp4	3.76E-52	0.596739	0.728	0.476	9.20E-48	cDC1	Pnp
Stat14	3.86E-52	0.522031	0.745	0.493	9.46E-48	cDC1	Stat1
Kmt5a	4.13E-52	0.488169	0.256	0.108	1.01E-47	cDC1	Kmt5a
Rassf11	4.27E-52	0.466153	0.395	0.196	1.05E-47	cDC1	Rassf1
Ndufb43	4.53E-52	0.369186	0.631	0.361	1.11E-47	cDC1	Ndufb4
Dpy30	6.06E-52	0.390902	0.326	0.151	1.48E-47	cDC1	Dpy30
Necap23	6.69E-52	0.478649	0.527	0.291	1.64E-47	cDC1	Necap2
Tcea11	6.78E-52	0.348638	0.523	0.283	1.66E-47	cDC1	Tcea1
Rnps1	8.95E-52	0.412895	0.377	0.185	2.19E-47	cDC1	Rnps1
Mien14	9.73E-52	0.350962	0.4	0.198	2.38E-47	cDC1	Mien1
Nudc3	9.91E-52	0.36148	0.512	0.276	2.43E-47	cDC1	Nudc

Frg1	1.08E-51	0.358453	0.385	0.189	2.65E-47	cDC1	Frg1
Prpf19	1.20E-51	0.440644	0.367	0.178	2.94E-47	cDC1	Prpf19
Atp5j6	1.72E-51	0.373323	0.818	0.539	4.22E-47	cDC1	Atp5j
Msn3	2.08E-51	0.458961	0.828	0.588	5.11E-47	cDC1	Msn
Pdcd101	3.54E-51	0.422493	0.495	0.265	8.68E-47	cDC1	Pdcd10
Rassf51	4.78E-51	0.36359	0.343	0.161	1.17E-46	cDC1	Rassf5
Slc25a34	5.08E-51	0.407277	0.863	0.607	1.24E-46	cDC1	Slc25a3
Ciao2b2	5.96E-51	0.490391	0.458	0.24	1.46E-46	cDC1	Ciao2b
Drap14	6.06E-51	0.364315	0.608	0.345	1.48E-46	cDC1	Drap1
Idnk2	6.29E-51	0.456721	0.422	0.217	1.54E-46	cDC1	Idnk
Clic12	6.66E-51	0.375327	0.916	0.756	1.63E-46	cDC1	Clic1
Naa382	8.50E-51	0.335227	0.458	0.239	2.08E-46	cDC1	Naa38
Hnrnpc1	1.03E-50	0.264091	0.468	0.244	2.53E-46	cDC1	Hnrnpc
Bola24	1.17E-50	0.399303	0.435	0.226	2.87E-46	cDC1	Bola2
Pdrg1	1.42E-50	0.402455	0.284	0.126	3.48E-46	cDC1	Pdrg1
Coa33	1.55E-50	0.280796	0.527	0.28	3.79E-46	cDC1	Coa3
Pet1001	2.37E-50	0.486143	0.327	0.156	5.80E-46	cDC1	Pet100
Gdi2	2.83E-50	0.490424	0.855	0.652	6.93E-46	cDC1	Gdi2
Ube2m3	3.41E-50	0.369865	0.556	0.309	8.35E-46	cDC1	Ube2m
Prcp2	4.04E-50	0.347715	0.629	0.362	9.90E-46	cDC1	Prcp
Mybbp1a1	4.56E-50	0.427775	0.323	0.153	1.12E-45	cDC1	Mybbp1a
Tax1bp13	4.63E-50	0.332358	0.608	0.348	1.13E-45	cDC1	Tax1bp1
Ppp2r5a2	4.72E-50	0.317534	0.397	0.199	1.16E-45	cDC1	Ppp2r5a
Cbfb	4.93E-50	0.275753	0.441	0.225	1.21E-45	cDC1	Cbfb
Phactr21	5.36E-50	0.486124	0.441	0.228	1.31E-45	cDC1	Phactr2
Ddx21	6.77E-50	0.390935	0.334	0.159	1.66E-45	cDC1	Ddx21
Ndufab13	7.03E-50	0.369724	0.581	0.33	1.72E-45	cDC1	Ndufab1
Arhgap1	8.01E-50	0.483714	0.265	0.116	1.96E-45	cDC1	Arhgap1
Brix1	8.20E-50	0.527443	0.271	0.12	2.01E-45	cDC1	Brix1
Gtf3a	8.39E-50	0.488019	0.261	0.115	2.05E-45	cDC1	Gtf3a
Glod4	1.34E-49	0.49664	0.328	0.157	3.29E-45	cDC1	Glod4
Gtf2a21	1.52E-49	0.406018	0.415	0.212	3.72E-45	cDC1	Gtf2a2
Fmnl22	1.56E-49	0.469597	0.527	0.298	3.82E-45	cDC1	Fmnl2
Sf3b41	1.59E-49	0.349417	0.383	0.19	3.91E-45	cDC1	Sf3b4
Cyld	1.60E-49	0.358278	0.412	0.208	3.92E-45	cDC1	Cyld
Rsl24d1	1.67E-49	0.559059	0.289	0.132	4.08E-45	cDC1	Rsl24d1
Mrps71	1.95E-49	0.410974	0.34	0.162	4.78E-45	cDC1	Mrps7
Parp13	1.98E-49	0.50016	0.337	0.164	4.84E-45	cDC1	Parp1
Commd12	2.14E-49	0.290186	0.421	0.215	5.25E-45	cDC1	Commd1
Cpne32	2.61E-49	0.37652	0.411	0.21	6.39E-45	cDC1	Cpne3
Ndufs43	4.04E-49	0.324818	0.537	0.296	9.88E-45	cDC1	Ndufs4
Med284	6.86E-49	0.336803	0.625	0.354	1.68E-44	cDC1	Med28
Rtf21	7.47E-49	0.343945	0.444	0.232	1.83E-44	cDC1	Rtf2
Dap1	8.03E-49	0.456541	0.322	0.154	1.97E-44	cDC1	Dap

2310011J0:	9.62E-49	0.410938	0.3	0.139	2.36E-44	cDC1	2310011J03Rik
Tpm3	9.74E-49	0.390845	0.855	0.624	2.38E-44	cDC1	Tpm3
Eva1b	1.35E-48	0.580904	0.26	0.115	3.31E-44	cDC1	Eva1b
Mrpl551	1.48E-48	0.409583	0.288	0.131	3.62E-44	cDC1	Mrpl55
Anapc112	2.31E-48	0.365994	0.6	0.346	5.65E-44	cDC1	Anapc11
Ndufa101	2.42E-48	0.395666	0.43	0.224	5.92E-44	cDC1	Ndufa10
Eapp1	2.64E-48	0.414421	0.321	0.152	6.47E-44	cDC1	Eapp
Ube2k2	2.65E-48	0.297096	0.513	0.277	6.48E-44	cDC1	Ube2k
Tmem50b3	2.78E-48	0.299366	0.455	0.237	6.80E-44	cDC1	Tmem50b
Ufc12	3.51E-48	0.33057	0.478	0.257	8.59E-44	cDC1	Ufc1
Csnk1g2	3.70E-48	0.407443	0.353	0.173	9.07E-44	cDC1	Csnk1g2
Gmfg4	3.87E-48	0.317677	0.643	0.382	9.48E-44	cDC1	Gmfg
Nip7	8.82E-48	0.472229	0.259	0.115	2.16E-43	cDC1	Nip7
Tax1bp31	8.92E-48	0.486398	0.315	0.151	2.18E-43	cDC1	Tax1bp3
Tspan331	1.09E-47	0.425233	0.318	0.151	2.68E-43	cDC1	Tspan33
Zc3h15	1.67E-47	0.295655	0.378	0.189	4.08E-43	cDC1	Zc3h15
1700123O:	1.82E-47	0.38494	0.282	0.128	4.45E-43	cDC1	1700123O20Rik
Ssu723	1.84E-47	0.337531	0.621	0.363	4.50E-43	cDC1	Ssu72
Cyb561a34	1.93E-47	0.388547	0.531	0.295	4.73E-43	cDC1	Cyb561a3
Rp92	1.98E-47	0.277944	0.539	0.299	4.84E-43	cDC1	Rp9
Ddit41	2.07E-47	1.041595	0.264	0.122	5.08E-43	cDC1	Ddit4
Emc2	2.17E-47	0.332375	0.375	0.188	5.33E-43	cDC1	Emc2
Ddx54	2.36E-47	0.522125	0.265	0.12	5.79E-43	cDC1	Ddx54
Stxbp23	2.89E-47	0.47418	0.345	0.172	7.07E-43	cDC1	Stxbp2
Nelfe1	2.96E-47	0.409343	0.266	0.12	7.25E-43	cDC1	Nelfe
Eif2s3x	3.90E-47	0.481642	0.294	0.138	9.54E-43	cDC1	Eif2s3x
Bcas22	4.12E-47	0.350871	0.427	0.223	1.01E-42	cDC1	Bcas2
Strn4	4.44E-47	0.512274	0.253	0.111	1.09E-42	cDC1	Strn4
Apopt1	4.45E-47	0.406336	0.319	0.153	1.09E-42	cDC1	Apopt1
Hcfc1r15	4.77E-47	0.302864	0.486	0.262	1.17E-42	cDC1	Hcfc1r1
Ywhaq	5.21E-47	0.350097	0.315	0.149	1.28E-42	cDC1	Ywhaq
Hnrnpdl	5.61E-47	0.292908	0.527	0.289	1.37E-42	cDC1	Hnrnpdl
Lemd2	6.62E-47	0.411339	0.348	0.172	1.62E-42	cDC1	Lemd2
Gatd3a	7.19E-47	0.388818	0.276	0.126	1.76E-42	cDC1	Gatd3a
Phax	7.99E-47	0.459004	0.334	0.164	1.96E-42	cDC1	Phax
Lsm31	8.38E-47	0.40051	0.305	0.145	2.05E-42	cDC1	Lsm3
Thoc7	9.55E-47	0.357304	0.373	0.188	2.34E-42	cDC1	Thoc7
Isyna1	1.03E-46	0.384425	0.33	0.16	2.52E-42	cDC1	Isyna1
Commd41	1.15E-46	0.275581	0.466	0.248	2.82E-42	cDC1	Commd4
Ssb	1.16E-46	0.333995	0.54	0.302	2.84E-42	cDC1	Ssb
Coq10b1	1.23E-46	0.542666	0.28	0.129	3.00E-42	cDC1	Coq10b
Lipe	1.23E-46	0.382016	0.286	0.132	3.02E-42	cDC1	Lipe
Fkbp4	1.81E-46	0.361937	0.326	0.157	4.43E-42	cDC1	Fkbp4
Arl6ip4	2.42E-46	0.372858	0.395	0.204	5.93E-42	cDC1	Arl6ip4

Uqcrh5	2.57E-46	0.385379	0.845	0.595	6.28E-42	cDC1	Uqcrh
Paics	2.73E-46	0.370549	0.345	0.171	6.69E-42	cDC1	Paics
Znrd2	2.77E-46	0.388785	0.251	0.111	6.78E-42	cDC1	Znrd2
Uba12	3.13E-46	0.32627	0.396	0.204	7.68E-42	cDC1	Uba1
Slamf92	3.58E-46	0.816538	0.379	0.207	8.78E-42	cDC1	Slamf9
Kdm7a3	3.68E-46	0.376897	0.473	0.255	9.02E-42	cDC1	Kdm7a
Gapdh4	3.96E-46	0.393704	0.844	0.625	9.71E-42	cDC1	Gapdh
Chuk	4.57E-46	0.422642	0.257	0.114	1.12E-41	cDC1	Chuk
Nolc1	5.32E-46	0.435662	0.257	0.115	1.30E-41	cDC1	Nolc1
Fcgrt1	6.28E-46	0.304455	0.654	0.39	1.54E-41	cDC1	Fcgrt
Uba2	6.82E-46	0.365308	0.371	0.187	1.67E-41	cDC1	Uba2
Trp53	7.34E-46	0.301817	0.438	0.232	1.80E-41	cDC1	Trp53
Rnf220	7.92E-46	0.354445	0.37	0.186	1.94E-41	cDC1	Rnf220
Ube2l32	1.01E-45	0.347041	0.538	0.301	2.47E-41	cDC1	Ube2l3
Coro1c2	1.16E-45	0.282608	0.383	0.194	2.83E-41	cDC1	Coro1c
Ctdnep12	1.22E-45	0.400983	0.408	0.216	3.00E-41	cDC1	Ctdnep1
Rnf1142	1.37E-45	0.418236	0.432	0.231	3.35E-41	cDC1	Rnf114
Dynlrb14	2.03E-45	0.288533	0.56	0.318	4.97E-41	cDC1	Dynlrb1
Csf2rb22	2.11E-45	0.780844	0.301	0.147	5.18E-41	cDC1	Csf2rb2
Zcrb11	2.23E-45	0.262257	0.454	0.242	5.46E-41	cDC1	Zcrb1
Icosl1	3.03E-45	0.372818	0.339	0.166	7.41E-41	cDC1	Icosl
Eif4a14	3.40E-45	0.415815	0.817	0.571	8.32E-41	cDC1	Eif4a1
Twf23	3.53E-45	0.320897	0.69	0.423	8.64E-41	cDC1	Twf2
Smc61	3.60E-45	0.330203	0.313	0.151	8.82E-41	cDC1	Smc6
Hspd13	4.07E-45	0.30568	0.429	0.226	9.98E-41	cDC1	Hspd1
Baz2b2	5.51E-45	0.30671	0.643	0.38	1.35E-40	cDC1	Baz2b
Mrpl342	6.21E-45	0.30172	0.353	0.177	1.52E-40	cDC1	Mrpl34
Ndufa52	6.21E-45	0.295144	0.435	0.232	1.52E-40	cDC1	Ndufa5
Acp11	6.25E-45	0.325486	0.31	0.149	1.53E-40	cDC1	Acp1
Tap22	6.41E-45	0.468771	0.617	0.386	1.57E-40	cDC1	Tap2
Mrpl112	7.33E-45	0.364889	0.321	0.156	1.80E-40	cDC1	Mrpl11
Ube2e12	7.37E-45	0.258809	0.474	0.257	1.81E-40	cDC1	Ube2e1
Med27	8.33E-45	0.321142	0.251	0.111	2.04E-40	cDC1	Med27
Gsto12	8.76E-45	0.656507	0.288	0.138	2.14E-40	cDC1	Gsto1
Tufm1	9.83E-45	0.401243	0.294	0.14	2.41E-40	cDC1	Tufm
Aip3	1.02E-44	0.385555	0.388	0.202	2.50E-40	cDC1	Aip
Ddt2	1.09E-44	0.600021	0.333	0.168	2.68E-40	cDC1	Ddt
Mia22	1.17E-44	0.273169	0.585	0.336	2.86E-40	cDC1	Mia2
Zmat22	1.22E-44	0.339325	0.424	0.226	2.98E-40	cDC1	Zmat2
Dnajc192	1.49E-44	0.32131	0.495	0.275	3.64E-40	cDC1	Dnajc19
Cdc42se23	1.52E-44	0.258692	0.493	0.271	3.72E-40	cDC1	Cdc42se2
Rae1	1.59E-44	0.333294	0.272	0.125	3.89E-40	cDC1	Rae1
Was2	1.59E-44	0.371612	0.445	0.238	3.90E-40	cDC1	Was
Tln14	1.96E-44	0.378913	0.737	0.474	4.81E-40	cDC1	Tln1

Sdhc3	2.79E-44	0.326272	0.494	0.273	6.83E-40	cDC1	Sdhc3
Hax1	2.82E-44	0.516476	0.268	0.125	6.90E-40	cDC1	Hax1
Rpl7l1	3.49E-44	0.305886	0.361	0.182	8.54E-40	cDC1	Rpl7l1
Trappc12	4.08E-44	0.373511	0.387	0.203	9.99E-40	cDC1	Trappc1
Plekhf22	4.20E-44	0.420329	0.353	0.179	1.03E-39	cDC1	Plekhf2
Igsf8	4.20E-44	0.467684	0.419	0.227	1.03E-39	cDC1	Igsf8
Snrnp271	4.70E-44	0.339255	0.324	0.159	1.15E-39	cDC1	Snrnp27
Plekhj12	5.43E-44	0.296987	0.529	0.294	1.33E-39	cDC1	Plekhj1
Spag7	5.77E-44	0.343593	0.328	0.162	1.41E-39	cDC1	Spag7
Ilkap	6.45E-44	0.279679	0.328	0.162	1.58E-39	cDC1	Ilkap
Hnrnpa2b1	6.46E-44	0.361662	0.894	0.717	1.58E-39	cDC1	Hnrnpa2b1
Eif1ad1	8.41E-44	0.421792	0.255	0.116	2.06E-39	cDC1	Eif1ad
Ube2a2	9.03E-44	0.325189	0.424	0.225	2.21E-39	cDC1	Ube2a
Ralbp13	9.58E-44	0.251293	0.438	0.234	2.35E-39	cDC1	Ralbp1
Slc8b1	1.28E-43	0.710001	0.268	0.128	3.13E-39	cDC1	Slc8b1
Samm501	1.38E-43	0.307202	0.361	0.184	3.38E-39	cDC1	Samm50
Wdr61	1.51E-43	0.411507	0.283	0.133	3.71E-39	cDC1	Wdr61
Psmc32	1.87E-43	0.309431	0.516	0.291	4.59E-39	cDC1	Psmc3
Cggbp11	1.95E-43	0.343126	0.362	0.185	4.78E-39	cDC1	Cggbp1
Gm162862	1.99E-43	0.33397	0.432	0.232	4.88E-39	cDC1	Gm16286
Zfas13	2.04E-43	0.507278	0.362	0.189	4.99E-39	cDC1	Zfas1
Ube2v15	2.88E-43	0.28489	0.505	0.282	7.06E-39	cDC1	Ube2v1
Plcb2	3.92E-43	0.296547	0.35	0.176	9.60E-39	cDC1	Plcb2
Parp81	4.09E-43	0.48539	0.523	0.296	1.00E-38	cDC1	Parp8
Al4135823	4.53E-43	0.313823	0.567	0.325	1.11E-38	cDC1	Al413582
Polb	4.61E-43	0.414637	0.307	0.15	1.13E-38	cDC1	Polb
Nampt3	5.24E-43	0.424748	0.371	0.195	1.28E-38	cDC1	Nampt
Ube2i1	5.35E-43	0.321844	0.681	0.419	1.31E-38	cDC1	Ube2i
Sbno21	5.88E-43	0.368177	0.373	0.194	1.44E-38	cDC1	Sbno2
Tbc1d91	6.71E-43	0.44135	0.616	0.373	1.64E-38	cDC1	Tbc1d9
Slirp3	7.56E-43	0.340894	0.325	0.161	1.85E-38	cDC1	Slirp
Ctdsp2	8.18E-43	0.306334	0.266	0.122	2.00E-38	cDC1	Ctdsp2
Ncaph2	9.05E-43	0.457077	0.278	0.132	2.22E-38	cDC1	Ncaph2
Gfer1	9.64E-43	0.372788	0.376	0.196	2.36E-38	cDC1	Gfer
Mrpl411	1.07E-42	0.347647	0.276	0.129	2.62E-38	cDC1	Mrpl41
Epb41l4aos	1.46E-42	0.576951	0.268	0.127	3.58E-38	cDC1	Epb41l4aos
Khdrbs11	1.63E-42	0.269433	0.612	0.364	3.99E-38	cDC1	Khdrbs1
Cetn3	1.81E-42	0.26728	0.412	0.219	4.44E-38	cDC1	Cetn3
Mrpl173	2.30E-42	0.365421	0.473	0.262	5.64E-38	cDC1	Mrpl17
Timm101	3.15E-42	0.4607	0.252	0.116	7.71E-38	cDC1	Timm10
Ostc2	3.22E-42	0.37469	0.558	0.33	7.88E-38	cDC1	Ostc
Nabp2	3.75E-42	0.328332	0.339	0.171	9.18E-38	cDC1	Nabp2
Cdk42	3.95E-42	0.407707	0.45	0.25	9.66E-38	cDC1	Cdk4
Smu1	4.30E-42	0.344613	0.343	0.174	1.05E-37	cDC1	Smu1

AB124611c	4.53E-42	0.420196	0.325	0.165	1.11E-37	cDC1	AB124611
Tcof11	5.50E-42	0.562867	0.282	0.137	1.35E-37	cDC1	Tcof1
Pcna1	7.34E-42	0.559033	0.263	0.125	1.80E-37	cDC1	Pcna
Glr51	9.04E-42	0.317334	0.352	0.181	2.21E-37	cDC1	Glr5
Use12	1.31E-41	0.260382	0.465	0.254	3.21E-37	cDC1	Use1
H2-T224	1.31E-41	0.375524	0.582	0.342	3.21E-37	cDC1	H2-T22
Commd2	1.34E-41	0.407956	0.293	0.143	3.28E-37	cDC1	Commd2
Ppm1g	1.37E-41	0.320091	0.436	0.236	3.36E-37	cDC1	Ppm1g
Nudt141	1.76E-41	0.437989	0.25	0.116	4.31E-37	cDC1	Nudt14
Exosc41	1.76E-41	0.553927	0.256	0.12	4.32E-37	cDC1	Exosc4
Npepl1	2.32E-41	0.376437	0.331	0.168	5.68E-37	cDC1	Npepl1
Eif2a	2.81E-41	0.287845	0.316	0.157	6.88E-37	cDC1	Eif2a
Sptan11	3.03E-41	0.301236	0.319	0.16	7.42E-37	cDC1	Sptan1
Rras3	3.03E-41	0.347557	0.288	0.14	7.42E-37	cDC1	Rras
Uqcc3	3.33E-41	0.291344	0.347	0.178	8.17E-37	cDC1	Uqcc3
Myh93	3.43E-41	0.378003	0.815	0.582	8.40E-37	cDC1	Myh9
Ghitm1	3.57E-41	0.324475	0.542	0.312	8.74E-37	cDC1	Ghitm
Brk13	3.70E-41	0.339032	0.752	0.482	9.06E-37	cDC1	Brk1
Trir2	4.35E-41	0.303174	0.597	0.35	1.06E-36	cDC1	Trir
Frmd8	5.53E-41	0.369971	0.255	0.119	1.36E-36	cDC1	Frmd8
Puf601	5.79E-41	0.262586	0.504	0.284	1.42E-36	cDC1	Puf60
Dnaja23	6.59E-41	0.258691	0.528	0.301	1.61E-36	cDC1	Dnaja2
Gnb13	6.69E-41	0.261131	0.756	0.484	1.64E-36	cDC1	Gnb1
Mdh11	7.47E-41	0.287919	0.63	0.386	1.83E-36	cDC1	Mdh1
Cyc11	1.14E-40	0.316569	0.521	0.299	2.80E-36	cDC1	Cyc1
Dcp21	1.30E-40	0.52053	0.276	0.134	3.19E-36	cDC1	Dcp2
Eif4e3	1.81E-40	0.423	0.26	0.123	4.43E-36	cDC1	Eif4e3
Utp32	1.97E-40	0.312132	0.363	0.191	4.82E-36	cDC1	Utp3
Mtch2	2.55E-40	0.260064	0.419	0.226	6.23E-36	cDC1	Mtch2
Mrpl25	2.93E-40	0.345706	0.305	0.152	7.17E-36	cDC1	Mrpl2
Hint21	3.21E-40	0.292089	0.348	0.18	7.86E-36	cDC1	Hint2
Mink1	3.42E-40	0.387134	0.274	0.132	8.37E-36	cDC1	Mink1
Ramac	4.25E-40	0.266524	0.306	0.152	1.04E-35	cDC1	Ramac
Lrmp	5.82E-40	0.262258	0.322	0.161	1.43E-35	cDC1	Lrmp
Sar1a	8.61E-40	0.342413	0.354	0.185	2.11E-35	cDC1	Sar1a
Tspyl1	8.74E-40	0.381951	0.261	0.124	2.14E-35	cDC1	Tspyl1
Gatad1	8.99E-40	0.260549	0.261	0.123	2.20E-35	cDC1	Gatad1
Hnrnp11	1.13E-39	0.385787	0.251	0.118	2.78E-35	cDC1	Hnrnp11
Nr1h2	1.25E-39	0.281807	0.365	0.192	3.05E-35	cDC1	Nr1h2
Baz2a1	1.30E-39	0.362319	0.297	0.147	3.18E-35	cDC1	Baz2a
Tapbp3	1.37E-39	0.38895	0.747	0.499	3.36E-35	cDC1	Tapbp
Tbc1d11	1.39E-39	0.423708	0.321	0.163	3.40E-35	cDC1	Tbc1d1
Lypla1	1.45E-39	0.279081	0.272	0.13	3.56E-35	cDC1	Lypla1
Pigs	1.53E-39	0.351083	0.307	0.153	3.74E-35	cDC1	Pigs

Ubl71	1.76E-39	0.383958	0.285	0.14	4.32E-35	cDC1	Ubl7
Fgfr1op22	1.92E-39	0.2764	0.468	0.263	4.70E-35	cDC1	Fgfr1op2
Zfp622	1.96E-39	0.448193	0.261	0.125	4.79E-35	cDC1	Zfp622
Trim12c1	2.38E-39	0.384993	0.286	0.141	5.83E-35	cDC1	Trim12c
Mctp13	2.72E-39	0.313232	0.573	0.337	6.65E-35	cDC1	Mctp1
Wdr83os2	2.90E-39	0.276825	0.632	0.385	7.09E-35	cDC1	Wdr83os
Pnkp1	4.07E-39	0.27498	0.276	0.133	9.97E-35	cDC1	Pnkp
Tsn	5.04E-39	0.298343	0.439	0.246	1.23E-34	cDC1	Tsn
Polr2i1	5.91E-39	0.320095	0.338	0.175	1.45E-34	cDC1	Polr2i
Evi2a3	8.02E-39	0.274297	0.507	0.289	1.97E-34	cDC1	Evi2a
Mfsd14a	8.92E-39	0.255644	0.33	0.167	2.19E-34	cDC1	Mfsd14a
Qars2	9.02E-39	0.358768	0.311	0.158	2.21E-34	cDC1	Qars
Nipsnap3b	9.75E-39	0.369131	0.281	0.139	2.39E-34	cDC1	Nipsnap3b
Pop7	1.37E-38	0.36614	0.264	0.128	3.34E-34	cDC1	Pop7
Ech11	1.47E-38	0.270005	0.466	0.264	3.59E-34	cDC1	Ech1
Rel2	1.60E-38	0.312395	0.504	0.287	3.91E-34	cDC1	Rel
Ptpn111	1.94E-38	0.254531	0.303	0.152	4.75E-34	cDC1	Ptpn11
Coa52	2.03E-38	0.287989	0.294	0.146	4.97E-34	cDC1	Coa5
Vrk3	2.07E-38	0.300892	0.292	0.144	5.07E-34	cDC1	Vrk3
Gtf2b	2.43E-38	0.332535	0.292	0.145	5.96E-34	cDC1	Gtf2b
Acsl51	2.74E-38	0.294714	0.389	0.21	6.72E-34	cDC1	Acsl5
Med81	5.10E-38	0.272637	0.319	0.162	1.25E-33	cDC1	Med8
Atp5mpl6	6.96E-38	0.268359	0.667	0.415	1.70E-33	cDC1	Atp5mpl
Ccdc863	7.01E-38	0.440637	0.319	0.166	1.72E-33	cDC1	Ccdc86
Dda1	7.65E-38	0.317586	0.301	0.153	1.87E-33	cDC1	Dda1
Aebp2	8.96E-38	0.338593	0.253	0.121	2.19E-33	cDC1	Aebp2
Ptbp1	1.04E-37	0.270152	0.365	0.194	2.54E-33	cDC1	Ptbp1
Nutf21	1.15E-37	0.365745	0.384	0.21	2.81E-33	cDC1	Nutf2
Synj12	1.45E-37	0.286218	0.514	0.296	3.55E-33	cDC1	Synj1
Rnf181	1.65E-37	0.318878	0.284	0.141	4.04E-33	cDC1	Rnf181
Neurl32	1.85E-37	0.377171	0.403	0.226	4.52E-33	cDC1	Neurl3
Ext12	2.41E-37	0.44725	0.403	0.222	5.90E-33	cDC1	Ext1
Txndc5	2.50E-37	0.412356	0.259	0.126	6.11E-33	cDC1	Txndc5
Snx102	2.76E-37	0.271907	0.448	0.253	6.77E-33	cDC1	Snx10
Capzb1	3.02E-37	0.332764	0.884	0.683	7.38E-33	cDC1	Capzb
Sf3a3	3.58E-37	0.423732	0.264	0.13	8.76E-33	cDC1	Sf3a3
Nsmaf1	3.83E-37	0.256915	0.307	0.156	9.38E-33	cDC1	Nsmaf
Fnbp11	4.40E-37	0.420837	0.619	0.394	1.08E-32	cDC1	Fnbp1
Rpp25l	4.85E-37	0.256492	0.257	0.124	1.19E-32	cDC1	Rpp25l
Anapc5	8.90E-37	0.306884	0.415	0.233	2.18E-32	cDC1	Anapc5
Med291	1.04E-36	0.396657	0.257	0.126	2.55E-32	cDC1	Med29
Flnb	1.10E-36	0.298975	0.261	0.126	2.70E-32	cDC1	Flnb
Mrps18a2	1.22E-36	0.264385	0.365	0.196	2.99E-32	cDC1	Mrps18a
Fis15	1.50E-36	0.25241	0.742	0.464	3.68E-32	cDC1	Fis1

Dars	1.94E-36	0.296659	0.342	0.181	4.74E-32	cDC1	Dars
Al467606	2.13E-36	0.393973	0.263	0.128	5.21E-32	cDC1	Al467606
Paxbp1	3.09E-36	0.312088	0.277	0.138	7.57E-32	cDC1	Paxbp1
Hspa92	3.81E-36	0.296484	0.369	0.201	9.33E-32	cDC1	Hspa9
Bud31	4.56E-36	0.306879	0.28	0.141	1.12E-31	cDC1	Bud31
Odc11	4.62E-36	0.365512	0.256	0.125	1.13E-31	cDC1	Odc1
Ccdc115	5.67E-36	0.31129	0.253	0.122	1.39E-31	cDC1	Ccdc115
Sf3b24	7.57E-36	0.267905	0.606	0.372	1.85E-31	cDC1	Sf3b2
Lars	1.32E-35	0.277814	0.35	0.189	3.22E-31	cDC1	Lars
Tmem1921	1.47E-35	0.4074	0.271	0.136	3.60E-31	cDC1	Tmem192
Sgms12	2.23E-35	0.378567	0.344	0.184	5.45E-31	cDC1	Sgms1
Wbp11	2.36E-35	0.362462	0.256	0.126	5.78E-31	cDC1	Wbp11
Scarb11	3.33E-35	0.390845	0.266	0.133	8.15E-31	cDC1	Scarb1
Nub1	3.73E-35	0.273981	0.369	0.201	9.12E-31	cDC1	Nub1
Rnf4	5.47E-35	0.257187	0.291	0.148	1.34E-30	cDC1	Rnf4
Hnrnpu1	9.61E-35	0.306085	0.714	0.481	2.35E-30	cDC1	Hnrnpu
Foxp12	1.32E-34	0.41742	0.699	0.459	3.22E-30	cDC1	Foxp1
Dtx3l2	1.39E-34	0.464079	0.299	0.158	3.41E-30	cDC1	Dtx3l
Mtln1	1.43E-34	0.326195	0.308	0.163	3.51E-30	cDC1	Mtln
Herpud13	1.57E-34	0.388759	0.6	0.383	3.84E-30	cDC1	Herpud1
Med211	2.38E-34	0.332099	0.285	0.146	5.82E-30	cDC1	Med21
Uvrag2	3.31E-34	0.322017	0.69	0.441	8.11E-30	cDC1	Uvrag
Trim30a3	4.24E-34	0.300497	0.529	0.322	1.04E-29	cDC1	Trim30a
Rftn13	4.47E-34	0.288826	0.284	0.147	1.09E-29	cDC1	Rftn1
Atp11b1	2.06E-33	0.319774	0.276	0.141	5.06E-29	cDC1	Atp11b
Lrba2	3.41E-33	0.413544	0.363	0.197	8.35E-29	cDC1	Lrba
Aff11	3.43E-33	0.275802	0.411	0.233	8.41E-29	cDC1	Aff1
Iah12	3.88E-33	0.359397	0.284	0.147	9.50E-29	cDC1	Iah1
Prpf81	4.64E-33	0.26194	0.441	0.256	1.14E-28	cDC1	Prpf8
Snrnp2001	6.39E-33	0.395637	0.273	0.142	1.57E-28	cDC1	Snrnp200
Arpc42	2.34E-32	0.300565	0.83	0.596	5.72E-28	cDC1	Arpc4
Nfkb1a5	3.54E-32	0.397567	0.715	0.485	8.67E-28	cDC1	Nfkb1a
Slbp	3.57E-32	0.264179	0.281	0.146	8.73E-28	cDC1	Slbp
Ms4a6b3	5.15E-32	0.367084	0.481	0.294	1.26E-27	cDC1	Ms4a6b
Rfc1	5.35E-32	0.265973	0.268	0.138	1.31E-27	cDC1	Rfc1
Tifab3	8.67E-32	0.311455	0.497	0.303	2.12E-27	cDC1	Tifab
Zcchc17	8.71E-32	0.28216	0.261	0.133	2.13E-27	cDC1	Zcchc17
Tpgs1	1.06E-31	0.262255	0.269	0.139	2.58E-27	cDC1	Tpgs1
Lrrc592	6.98E-31	0.310848	0.276	0.145	1.71E-26	cDC1	Lrrc59
Cxcl163	9.23E-31	0.309364	0.489	0.299	2.26E-26	cDC1	Cxcl16
Nfkb11	1.49E-30	0.347129	0.683	0.467	3.65E-26	cDC1	Nfkb1
Get4	2.87E-30	0.312728	0.253	0.131	7.02E-26	cDC1	Get4
Grb21	3.45E-30	0.267457	0.771	0.511	8.44E-26	cDC1	Grb2
Relb1	3.86E-30	0.443279	0.302	0.167	9.46E-26	cDC1	Relb

Ywhah3	4.36E-30	0.280865	0.813	0.6	1.07E-25	cDC1	Ywhah
Ppib3	4.57E-30	0.263594	0.88	0.67	1.12E-25	cDC1	Ppib
Slc46a32	5.35E-30	0.272606	0.396	0.23	1.31E-25	cDC1	Slc46a3
Zfp36l23	6.76E-30	0.356	0.723	0.521	1.66E-25	cDC1	Zfp36l2
Pltp2	8.75E-30	0.584486	0.26	0.14	2.14E-25	cDC1	Pltp
Myo1c1	2.38E-29	0.31491	0.278	0.149	5.83E-25	cDC1	Myo1c
Sbds	7.69E-29	0.25617	0.351	0.199	1.88E-24	cDC1	Sbds
Trib1	8.13E-29	0.44279	0.257	0.137	1.99E-24	cDC1	Trib1
Parp122	1.02E-28	0.297799	0.303	0.167	2.50E-24	cDC1	Parp12
Ptpn65	1.03E-28	0.320047	0.739	0.51	2.53E-24	cDC1	Ptpn6
Tent5a4	1.18E-28	0.484998	0.405	0.252	2.89E-24	cDC1	Tent5a
Tbc1d82	3.06E-28	0.41873	0.4	0.24	7.49E-24	cDC1	Tbc1d8
1600014C1	6.41E-28	0.334429	0.319	0.181	1.57E-23	cDC1	1600014C10Rik
Creld22	9.73E-28	0.725281	0.302	0.173	2.38E-23	cDC1	Creld2
Casp13	1.70E-27	0.338827	0.315	0.18	4.17E-23	cDC1	Casp1
Etv31	7.01E-27	0.376181	0.272	0.151	1.72E-22	cDC1	Etv3
Slc35b11	1.29E-26	0.254811	0.349	0.204	3.16E-22	cDC1	Slc35b1
Ptpn182	1.65E-26	0.272181	0.855	0.646	4.04E-22	cDC1	Ptpn18
Ifih12	1.45E-25	0.296518	0.276	0.156	3.56E-21	cDC1	Ifih1
Rps294	4.14E-25	0.285777	0.949	0.853	1.01E-20	cDC1	Rps29
Cdk85	8.36E-24	0.383015	0.978	0.9	2.05E-19	cDC1	Cdk8
Mif4gd2	3.16E-23	0.339682	0.315	0.187	7.75E-19	cDC1	Mif4gd
Manf2	6.15E-22	0.413002	0.587	0.402	1.51E-17	cDC1	Manf
Milr14	7.58E-22	0.264501	0.276	0.162	1.86E-17	cDC1	Milr1
Arl112	5.00E-21	0.25838	0.276	0.162	1.23E-16	cDC1	Arl11
Sult1a11	6.89E-16	0.353827	0.258	0.162	1.69E-11	cDC1	Sult1a1
Gbp24	1.76E-14	0.575474	0.297	0.203	4.30E-10	cDC1	Gbp2
Sdf2l14	1.71E-12	0.374611	0.546	0.399	4.19E-08	cDC1	Sdf2l1
Nupr13	4.12E-10	0.465285	0.257	0.184	1.01E-05	cDC1	Nupr1
Ppt12	5.73E-08	1.249111	0.512	0.451	0.001403	cDC1	Ppt1
Mrc12	0	4.085687	0.815	0.157	0	BAMs	Mrc1
Dab21	0	4.341666	0.691	0.117	0	BAMs	Dab2
Arhgap155	0	3.570112	0.826	0.272	0	BAMs	Arhgap15
Aoah2	0	4.225096	0.656	0.121	0	BAMs	Aoah
F13a12	0	4.49132	0.617	0.085	0	BAMs	F13a1
ltsn11	0	4.634582	0.612	0.102	0	BAMs	ltsn1
Rnf1502	0	4.103319	0.634	0.125	0	BAMs	Rnf150
Trps14	0	3.646975	0.659	0.162	0	BAMs	Trps1
Myo5a3	0	3.511522	0.742	0.248	0	BAMs	Myo5a
Dennd1a3	0	3.215436	0.827	0.347	0	BAMs	Dennd1a
Psd31	0	4.787562	0.528	0.074	0	BAMs	Psd3
Pid15	0	2.896208	0.832	0.41	0	BAMs	Pid1
Pde7b2	0	4.603207	0.409	0.054	0	BAMs	Pde7b
lqgap23	0	3.744203	0.425	0.076	0	BAMs	lqgap2

Vav35	0	3.955474	0.415	0.075	0	BAMs	Vav3
Nrg2	0	4.946787	0.28	0.029	0	BAMs	Nrg2
Rbpj2	5.31E-303	4.020931	0.69	0.259	1.30E-298	BAMs	Rbpj
Malat11	7.35E-296	1.531626	0.996	0.977	1.80E-291	BAMs	Malat1
Sash12	1.47E-288	3.519767	0.524	0.136	3.60E-284	BAMs	Sash1
Cd1631	2.64E-276	3.944175	0.254	0.031	6.47E-272	BAMs	Cd163
Slc9a92	1.40E-265	2.754148	0.876	0.638	3.42E-261	BAMs	Slc9a9
Dse2	4.32E-265	3.334394	0.546	0.159	1.06E-260	BAMs	Dse
Hdac91	7.61E-265	2.80321	0.753	0.335	1.86E-260	BAMs	Hdac9
Zeb22	7.44E-264	1.970742	0.943	0.758	1.82E-259	BAMs	Zeb2
Stab11	1.60E-252	2.886114	0.753	0.365	3.93E-248	BAMs	Stab1
Ext13	2.62E-244	3.006258	0.618	0.22	6.42E-240	BAMs	Ext1
Wwp11	1.91E-243	3.346911	0.547	0.174	4.68E-239	BAMs	Wwp1
Samd4	2.37E-237	4.287651	0.265	0.04	5.80E-233	BAMs	Samd4
Ifi2075	3.31E-235	3.194903	0.546	0.174	8.11E-231	BAMs	Ifi207
Colec121	1.09E-221	4.547524	0.265	0.042	2.68E-217	BAMs	Colec12
Mtss11	1.25E-213	3.103816	0.525	0.173	3.07E-209	BAMs	Mtss1
Arhgef31	1.71E-207	3.652598	0.389	0.096	4.19E-203	BAMs	Arhgef3
Ms4a72	1.48E-198	2.034049	0.445	0.112	3.62E-194	BAMs	Ms4a7
Zswim61	5.47E-192	2.157294	0.775	0.486	1.34E-187	BAMs	Zswim6
Gnaq1	1.23E-189	2.092062	0.787	0.518	3.02E-185	BAMs	Gnaq
Frmd4b1	4.54E-189	2.012164	0.828	0.61	1.11E-184	BAMs	Frmd4b
Mbnl11	1.98E-184	1.742667	0.863	0.701	4.84E-180	BAMs	Mbnl1
Mdfic3	1.14E-181	3.296767	0.388	0.105	2.80E-177	BAMs	Mdfic
St8sia44	1.30E-180	3.234369	0.375	0.098	3.18E-176	BAMs	St8sia4
Gm269172	1.83E-171	1.972647	0.74	0.421	4.48E-167	BAMs	Gm26917
Gab3	8.56E-171	3.594256	0.31	0.071	2.10E-166	BAMs	Gab3
Msr12	2.13E-170	3.83897	0.265	0.053	5.23E-166	BAMs	Msr1
Clcn51	2.32E-170	3.25578	0.393	0.113	5.68E-166	BAMs	Clcn5
Nrp12	8.29E-170	2.555572	0.677	0.379	2.03E-165	BAMs	Nrp1
Camk1d4	1.02E-169	1.512318	0.916	0.807	2.49E-165	BAMs	Camk1d
Mndal4	4.88E-165	3.057946	0.337	0.084	1.20E-160	BAMs	Mndal
Rftn14	6.30E-160	2.973352	0.436	0.146	1.54E-155	BAMs	Rftn1
Mctp14	2.44E-159	3.049162	0.638	0.338	5.98E-155	BAMs	Mctp1
Hip12	1.17E-155	2.990868	0.344	0.093	2.85E-151	BAMs	Hip1
Cp1	4.10E-153	3.2853	0.321	0.082	1.00E-148	BAMs	Cp
Pstpip21	3.17E-152	3.507868	0.283	0.065	7.76E-148	BAMs	Pstpip2
Foxp13	1.42E-149	2.012303	0.722	0.461	3.49E-145	BAMs	Foxp1
Atrnl12	1.73E-147	3.265663	0.335	0.092	4.25E-143	BAMs	Atrnl1
Neat14	3.73E-147	2.514827	0.599	0.295	9.12E-143	BAMs	Neat1
Lrmda1	2.22E-144	1.557691	0.858	0.721	5.43E-140	BAMs	Lrmda
Immp2l1	3.92E-144	2.534428	0.53	0.228	9.60E-140	BAMs	Immp2l
Dock12	1.28E-143	2.435841	0.493	0.197	3.14E-139	BAMs	Dock1
Ptprj2	5.31E-143	1.713415	0.807	0.641	1.30E-138	BAMs	Ptprj

Snx241	1.02E-138	2.184939	0.669	0.402	2.50E-134	BAMs	Snx24
Lrp61	4.64E-138	2.665386	0.489	0.203	1.14E-133	BAMs	Lrp6
Pf41	1.28E-135	1.749395	0.327	0.083	3.14E-131	BAMs	Pf4
Stard81	3.45E-135	2.986995	0.404	0.141	8.44E-131	BAMs	Stard8
Eps82	1.14E-133	3.272186	0.311	0.086	2.78E-129	BAMs	Eps8
Fnbp12	1.61E-133	1.996438	0.658	0.395	3.95E-129	BAMs	Fnbp1
Adcy9	3.63E-133	2.612164	0.373	0.118	8.90E-129	BAMs	Adcy9
Ifi2033	2.46E-130	2.986826	0.29	0.075	6.03E-126	BAMs	Ifi203
Tbc1d51	2.99E-128	1.728117	0.722	0.495	7.33E-124	BAMs	Tbc1d5
Zbtb201	1.02E-126	1.699156	0.735	0.513	2.50E-122	BAMs	Zbtb20
Slc8a11	4.32E-126	1.521238	0.832	0.707	1.06E-121	BAMs	Slc8a1
Atxn7l11	8.05E-125	2.180366	0.55	0.273	1.97E-120	BAMs	Atxn7l1
Spred11	2.13E-124	2.473834	0.453	0.184	5.21E-120	BAMs	Spred1
Fosb2	2.35E-124	2.67784	0.427	0.161	5.76E-120	BAMs	Fosb
Rreb11	1.28E-122	1.635575	0.747	0.556	3.14E-118	BAMs	Rreb1
Dclre1c1	3.19E-122	2.527836	0.484	0.217	7.81E-118	BAMs	Dclre1c
Sbf22	1.52E-120	2.18202	0.598	0.347	3.73E-116	BAMs	Sbf2
Atp2b14	2.89E-120	1.837304	0.677	0.456	7.07E-116	BAMs	Atp2b1
Gab21	8.44E-119	1.370431	0.821	0.69	2.07E-114	BAMs	Gab2
Tmcc13	3.48E-118	1.985829	0.619	0.356	8.53E-114	BAMs	Tmcc1
Enox21	8.29E-115	2.57065	0.413	0.161	2.03E-110	BAMs	Enox2
Tbc1d41	8.77E-114	2.999588	0.33	0.107	2.15E-109	BAMs	Tbc1d4
Igf12	3.48E-113	2.379011	0.355	0.116	8.52E-109	BAMs	Igf1
Dock22	1.86E-112	1.340542	0.801	0.691	4.56E-108	BAMs	Dock2
Nfkbiz5	5.32E-112	2.30632	0.518	0.254	1.30E-107	BAMs	Nfkbiz
Smyd31	8.70E-112	2.124064	0.553	0.29	2.13E-107	BAMs	Smyd3
Zfp704	1.81E-111	2.703081	0.343	0.116	4.44E-107	BAMs	Zfp704
Arhgap182	1.54E-109	2.676966	0.382	0.145	3.77E-105	BAMs	Arhgap18
Ms4a4a3	1.66E-109	2.609726	0.284	0.08	4.07E-105	BAMs	Ms4a4a
Klra22	4.49E-109	2.874992	0.271	0.075	1.10E-104	BAMs	Klra2
Man2a12	3.82E-108	2.684924	0.381	0.145	9.37E-104	BAMs	Man2a1
Pip4k2a2	5.36E-107	1.366429	0.789	0.654	1.31E-102	BAMs	Pip4k2a
Ttr5	1.33E-106	1.222071	0.788	0.507	3.26E-102	BAMs	Ttr
Runx11	1.78E-106	1.590924	0.744	0.591	4.35E-102	BAMs	Runx1
Rbm471	2.07E-106	1.97722	0.62	0.396	5.08E-102	BAMs	Rbm47
Diaph21	2.46E-106	1.549342	0.723	0.55	6.02E-102	BAMs	Diaph2
Maml21	3.95E-106	1.836328	0.682	0.481	9.67E-102	BAMs	Maml2
Itga44	4.13E-106	2.210281	0.336	0.111	1.01E-101	BAMs	Itga4
Nfxl11	9.47E-106	2.777733	0.356	0.129	2.32E-101	BAMs	Nfxl1
Map3k53	1.37E-105	2.090983	0.516	0.26	3.36E-101	BAMs	Map3k5
Snx291	6.06E-104	1.557122	0.716	0.523	1.48E-99	BAMs	Snx29
Prkn1	6.93E-104	2.08958	0.528	0.274	1.70E-99	BAMs	Prkn
Ppm1h1	1.17E-103	1.608675	0.693	0.501	2.87E-99	BAMs	Ppm1h
Lifr1	1.11E-102	2.314929	0.451	0.202	2.71E-98	BAMs	Lifr

Ssh21	1.74E-102	1.301376	0.831	0.723	4.27E-98	BAMs	Ssh2
Wdfy31	5.34E-101	1.7749	0.641	0.441	1.31E-96	BAMs	Wdfy3
Exoc6b1	9.56E-100	2.286133	0.467	0.223	2.34E-95	BAMs	Exoc6b
Ppp3ca2	3.53E-98	1.536654	0.705	0.547	8.64E-94	BAMs	Ppp3ca
Fam172a1	2.81E-97	1.710493	0.624	0.403	6.88E-93	BAMs	Fam172a
Apobec13	2.97E-96	2.113622	0.596	0.378	7.27E-92	BAMs	Apobec1
Mitf1	1.79E-95	1.705377	0.647	0.449	4.38E-91	BAMs	Mitf
Anks11	8.30E-94	2.062166	0.486	0.249	2.03E-89	BAMs	Anks1
Tbxas11	2.08E-93	1.539351	0.727	0.594	5.08E-89	BAMs	Tbxas1
Ehd42	2.37E-93	1.921783	0.611	0.411	5.80E-89	BAMs	Ehd4
Lilrb4a5	2.63E-93	2.063192	0.404	0.167	6.44E-89	BAMs	Lilrb4a
Exoc41	4.75E-93	1.645466	0.64	0.444	1.16E-88	BAMs	Exoc4
Rnf1691	4.38E-92	1.840635	0.564	0.34	1.07E-87	BAMs	Rnf169
Ophn11	5.93E-92	1.282735	0.749	0.596	1.45E-87	BAMs	Ophn1
Cmip3	3.26E-91	1.70569	0.6	0.381	7.99E-87	BAMs	Cmip
Peak11	1.33E-90	2.43985	0.367	0.149	3.26E-86	BAMs	Peak1
Cybb6	1.55E-88	1.56437	0.496	0.233	3.81E-84	BAMs	Cybb
Ap2a21	2.15E-88	2.469857	0.368	0.154	5.26E-84	BAMs	Ap2a2
Wdfy21	3.14E-88	1.970913	0.524	0.301	7.69E-84	BAMs	Wdfy2
Rapgef21	1.17E-87	2.271365	0.433	0.207	2.85E-83	BAMs	Rapgef2
Dleu22	6.92E-87	1.226597	0.753	0.621	1.70E-82	BAMs	Dleu2
Ankrd111	5.04E-85	1.541594	0.659	0.498	1.23E-80	BAMs	Ankrd11
Etv63	7.02E-85	1.440572	0.716	0.586	1.72E-80	BAMs	Etv6
Pbx3	3.75E-84	2.445362	0.353	0.144	9.19E-80	BAMs	Pbx3
Stk17b4	2.54E-83	2.342761	0.385	0.17	6.21E-79	BAMs	Stk17b
Fli11	4.81E-83	1.370522	0.707	0.572	1.18E-78	BAMs	Fli1
Ctsc4	5.20E-82	1.276293	0.796	0.706	1.27E-77	BAMs	Ctsc
Elmo11	6.07E-82	0.929744	0.831	0.761	1.49E-77	BAMs	Elmo1
Vps13b2	1.22E-81	1.920968	0.503	0.289	2.98E-77	BAMs	Vps13b
Uvrag3	5.19E-81	1.657865	0.617	0.445	1.27E-76	BAMs	Uvrag
Dmxl12	6.39E-81	2.090231	0.449	0.233	1.57E-76	BAMs	Dmxl1
Nfatc21	1.69E-80	2.20849	0.414	0.199	4.13E-76	BAMs	Nfatc2
Osbpl92	1.78E-79	2.276901	0.538	0.356	4.36E-75	BAMs	Osbpl9
Snx81	3.00E-79	2.653519	0.328	0.133	7.34E-75	BAMs	Snx8
Ptgds4	3.01E-79	1.450538	0.501	0.252	7.38E-75	BAMs	Ptgds
Prkcb2	7.94E-79	1.485836	0.665	0.517	1.95E-74	BAMs	Prkcb
Dock81	3.09E-78	1.223858	0.746	0.635	7.57E-74	BAMs	Dock8
Parp82	3.32E-78	1.928867	0.509	0.298	8.14E-74	BAMs	Parp8
Eps152	1.61E-77	2.20645	0.441	0.235	3.95E-73	BAMs	Eps15
Rbms15	1.17E-76	2.044051	0.439	0.228	2.86E-72	BAMs	Rbms1
Tcf41	6.06E-76	1.474609	0.632	0.47	1.48E-71	BAMs	Tcf4
Arid1b1	7.03E-76	1.617119	0.562	0.367	1.72E-71	BAMs	Arid1b
Mef2a1	1.02E-75	1.059898	0.805	0.738	2.50E-71	BAMs	Mef2a
Zdhhc141	1.26E-75	2.063752	0.498	0.296	3.09E-71	BAMs	Zdhhc14

Rgl12	3.36E-75	2.336427	0.462	0.261	8.22E-71 BAMs	Rgl1
Nsmce21	3.60E-75	1.941163	0.486	0.281	8.80E-71 BAMs	Nsmce2
Tet31	3.74E-74	1.872456	0.477	0.268	9.17E-70 BAMs	Tet3
Slc38a61	5.26E-74	2.365277	0.361	0.164	1.29E-69 BAMs	Slc38a6
Prune2	6.06E-74	2.571466	0.279	0.103	1.48E-69 BAMs	Prune2
Lncpint1	7.04E-74	1.722378	0.538	0.343	1.72E-69 BAMs	Lncpint
Vps13c2	1.18E-73	2.114977	0.409	0.209	2.90E-69 BAMs	Vps13c
Fgd42	1.39E-73	2.173745	0.396	0.193	3.41E-69 BAMs	Fgd4
Tcf121	1.52E-73	1.809825	0.499	0.295	3.71E-69 BAMs	Tcf12
Ncoa21	4.12E-73	1.888378	0.492	0.286	1.01E-68 BAMs	Ncoa2
Dennd1b2	2.23E-72	2.147101	0.432	0.232	5.46E-68 BAMs	Dennd1b
Fndc3b1	2.70E-72	1.935889	0.459	0.255	6.62E-68 BAMs	Fndc3b
Slc16a7	1.23E-71	2.330213	0.324	0.135	3.00E-67 BAMs	Slc16a7
Rab8b1	2.09E-71	1.667233	0.563	0.381	5.12E-67 BAMs	Rab8b
Phactr22	3.07E-71	2.094354	0.436	0.23	7.53E-67 BAMs	Phactr2
Fyb2	2.33E-70	1.029978	0.8	0.727	5.70E-66 BAMs	Fyb
Akap101	3.46E-70	1.963461	0.43	0.231	8.47E-66 BAMs	Akap10
Adgre11	3.59E-69	1.522332	0.646	0.529	8.79E-65 BAMs	Adgre1
Prkch1	6.99E-69	1.932706	0.419	0.215	1.71E-64 BAMs	Prkch
Maf4	1.29E-68	1.481075	0.622	0.462	3.17E-64 BAMs	Maf
Ddx602	1.66E-68	2.563944	0.28	0.109	4.06E-64 BAMs	Ddx60
Gm49513	2.40E-67	2.05867	0.446	0.25	5.88E-63 BAMs	Gm4951
Skap22	5.89E-67	1.31678	0.658	0.565	1.44E-62 BAMs	Skap2
Pdlim52	7.92E-67	2.039225	0.394	0.2	1.94E-62 BAMs	Pdlim5
Notch22	8.78E-66	1.682684	0.51	0.326	2.15E-61 BAMs	Notch2
Jmjd1c1	9.12E-66	1.266655	0.664	0.54	2.23E-61 BAMs	Jmjd1c
Fbxl171	2.02E-65	1.636805	0.554	0.383	4.94E-61 BAMs	Fbxl17
Atxn11	9.55E-65	2.023461	0.413	0.221	2.34E-60 BAMs	Atxn1
Tmem1643	2.47E-64	1.844397	0.473	0.284	6.04E-60 BAMs	Tmem164
Fmnl23	5.05E-63	1.981599	0.484	0.301	1.24E-58 BAMs	Fmnl2
Kif16b	1.08E-62	2.311606	0.271	0.106	2.66E-58 BAMs	Kif16b
Zcchc71	3.81E-62	1.603336	0.504	0.324	9.32E-58 BAMs	Zcchc7
Bank13	9.82E-62	2.052109	0.385	0.195	2.41E-57 BAMs	Bank1
Fcho22	2.04E-61	1.558146	0.548	0.389	5.00E-57 BAMs	Fcho2
Btbd91	2.36E-60	1.520409	0.564	0.403	5.77E-56 BAMs	Btbd9
Inpp4a	2.45E-60	2.289991	0.308	0.137	6.00E-56 BAMs	Inpp4a
Tnfrsf11a2	5.58E-60	1.685579	0.537	0.377	1.37E-55 BAMs	Tnfrsf11a
Pik3ap12	1.29E-59	1.402752	0.634	0.525	3.16E-55 BAMs	Pik3ap1
Wwox1	1.48E-59	1.866292	0.504	0.331	3.62E-55 BAMs	Wwox
Celf21	1.56E-59	1.193077	0.686	0.606	3.81E-55 BAMs	Celf2
Picalm1	1.61E-59	1.221888	0.697	0.627	3.94E-55 BAMs	Picalm
Klf64	1.97E-59	1.798517	0.528	0.371	4.83E-55 BAMs	Klf6
mt-Co13	2.10E-59	0.807093	0.962	0.963	5.14E-55 BAMs	mt-Co1
Susd61	5.80E-59	1.836833	0.473	0.302	1.42E-54 BAMs	Susd6

Snd11	1.39E-58	1.709857	0.508	0.346	3.40E-54 BAMs	Snd1
Creb51	1.68E-58	2.875949	0.262	0.107	4.11E-54 BAMs	Creb5
Mef2c2	5.61E-58	0.96484	0.782	0.726	1.37E-53 BAMs	Mef2c
Arid5b3	1.93E-57	1.895461	0.497	0.331	4.73E-53 BAMs	Arid5b
Gm424184	2.43E-57	0.773707	0.988	0.982	5.96E-53 BAMs	Gm42418
Osbpl82	1.90E-55	1.909431	0.426	0.254	4.66E-51 BAMs	Osbpl8
Atxn71	1.53E-54	1.762512	0.401	0.224	3.75E-50 BAMs	Atxn7
Stk31	2.23E-54	1.943594	0.373	0.201	5.47E-50 BAMs	Stk3
Cd363	2.71E-54	2.712205	0.273	0.118	6.65E-50 BAMs	Cd36
Tmcc31	4.05E-54	1.236919	0.728	0.672	9.92E-50 BAMs	Tmcc3
Slc16a10	4.43E-54	2.378098	0.293	0.134	1.09E-49 BAMs	Slc16a10
Hivep22	6.31E-53	2.310307	0.271	0.117	1.55E-48 BAMs	Hivep2
Srgap21	9.35E-53	0.809313	0.815	0.771	2.29E-48 BAMs	Srgap2
Mgat51	1.00E-51	1.418033	0.525	0.368	2.45E-47 BAMs	Mgat5
Enpp24	1.71E-51	1.308419	0.424	0.228	4.20E-47 BAMs	Enpp2
Ano6	4.64E-51	1.921164	0.35	0.185	1.14E-46 BAMs	Ano6
Ncoa11	5.21E-51	1.729197	0.404	0.236	1.27E-46 BAMs	Ncoa1
App2	7.05E-51	1.353384	0.63	0.539	1.73E-46 BAMs	App
Pan31	1.84E-50	1.377152	0.547	0.409	4.50E-46 BAMs	Pan3
Fndc3a3	2.06E-50	1.664072	0.459	0.302	5.06E-46 BAMs	Fndc3a
Map4k31	2.81E-50	1.897994	0.38	0.214	6.88E-46 BAMs	Map4k3
Snx301	1.33E-49	1.893516	0.402	0.242	3.25E-45 BAMs	Snx30
Kansl11	3.71E-49	1.216113	0.607	0.498	9.09E-45 BAMs	Kansl1
Tnks1	3.74E-49	1.775969	0.355	0.19	9.16E-45 BAMs	Tnks
Fnip11	8.27E-49	1.638536	0.476	0.324	2.03E-44 BAMs	Fnip1
Gm267403	1.14E-48	1.625905	0.46	0.306	2.79E-44 BAMs	Gm26740
Lcorl1	1.85E-48	1.702585	0.388	0.222	4.53E-44 BAMs	Lcorl
mt-Atp63	2.08E-48	0.894469	0.927	0.914	5.09E-44 BAMs	mt-Atp6
Rap1gds11	2.15E-48	1.016099	0.672	0.595	5.27E-44 BAMs	Rap1gds1
Abr2	2.38E-48	1.686789	0.463	0.313	5.83E-44 BAMs	Abr
P2rx72	4.67E-48	1.978914	0.507	0.375	1.14E-43 BAMs	P2rx7
Zfand31	2.08E-47	1.295269	0.556	0.434	5.09E-43 BAMs	Zfand3
Mbnl21	2.99E-47	1.352904	0.562	0.441	7.33E-43 BAMs	Mbnl2
Stag11	6.07E-47	1.369751	0.499	0.348	1.49E-42 BAMs	Stag1
Etv11	8.38E-47	2.253203	0.252	0.111	2.05E-42 BAMs	Etv1
Dyrk1a1	1.60E-46	1.747564	0.37	0.21	3.92E-42 BAMs	Dyrk1a
Fggy	3.62E-46	2.200988	0.259	0.117	8.86E-42 BAMs	Fggy
Foxo31	3.79E-46	1.68916	0.399	0.24	9.28E-42 BAMs	Foxo3
Fos4	5.06E-46	0.857	0.679	0.479	1.24E-41 BAMs	Fos
Fto1	7.75E-46	1.587615	0.411	0.252	1.90E-41 BAMs	Fto
Tgfb15	1.35E-45	1.307788	0.376	0.202	3.31E-41 BAMs	Tgfb1
Fer	1.85E-45	1.885469	0.309	0.155	4.54E-41 BAMs	Fer
Specc1l	2.23E-45	2.114434	0.284	0.138	5.46E-41 BAMs	Specc1l
Lyn1	2.71E-45	0.794739	0.806	0.814	6.65E-41 BAMs	Lyn

Zfp7101	4.30E-45	1.233825	0.588	0.475	1.05E-40	BAMs	Zfp710
Rabep11	4.50E-45	1.751498	0.407	0.255	1.10E-40	BAMs	Rabep1
Mtmr32	1.06E-44	1.740254	0.404	0.252	2.59E-40	BAMs	Mtmr3
Man1c11	2.37E-44	1.371633	0.551	0.436	5.81E-40	BAMs	Man1c1
Dock7	4.75E-44	1.854186	0.331	0.18	1.16E-39	BAMs	Dock7
Rasgef1b2	4.79E-44	1.976287	0.367	0.213	1.17E-39	BAMs	Rasgef1b
mt-Co32	6.00E-44	0.808729	0.95	0.941	1.47E-39	BAMs	mt-Co3
Vti1a2	1.31E-43	1.417425	0.489	0.352	3.20E-39	BAMs	Vti1a
Ankrd442	1.24E-42	1.02723	0.634	0.535	3.04E-38	BAMs	Ankrd44
Nrros2	1.38E-42	1.238532	0.606	0.529	3.39E-38	BAMs	Nrros
Utrn2	1.46E-42	1.840208	0.269	0.127	3.58E-38	BAMs	Utrn
Cdk143	1.59E-42	1.671251	0.392	0.24	3.89E-38	BAMs	Cdk14
Cdkal11	1.76E-42	1.683422	0.366	0.213	4.30E-38	BAMs	Cdkal1
Baz2b3	1.84E-42	1.455834	0.507	0.385	4.50E-38	BAMs	Baz2b
Rsrc11	2.25E-42	1.636902	0.412	0.268	5.51E-38	BAMs	Rsrc1
Zfp36l13	2.52E-42	1.173161	0.695	0.633	6.17E-38	BAMs	Zfp36l1
Vrk21	5.02E-42	1.526071	0.437	0.292	1.23E-37	BAMs	Vrk2
Inpp4b1	7.38E-42	1.222976	0.598	0.497	1.81E-37	BAMs	Inpp4b
Iqgap15	8.05E-42	1.578781	0.322	0.168	1.97E-37	BAMs	Iqgap1
Foxn32	1.03E-41	0.805988	0.749	0.724	2.51E-37	BAMs	Foxn3
Fbxo111	2.25E-41	1.627365	0.385	0.235	5.51E-37	BAMs	Fbxo11
Rasal21	3.12E-41	2.077408	0.291	0.15	7.65E-37	BAMs	Rasal2
Ptpcr5	3.19E-41	0.999168	0.647	0.576	7.82E-37	BAMs	Ptpcr
Fars21	3.84E-41	1.629122	0.382	0.233	9.42E-37	BAMs	Fars2
Fkbp51	7.53E-41	1.799271	0.445	0.311	1.84E-36	BAMs	Fkbp5
Rere1	1.90E-40	1.216417	0.55	0.443	4.66E-36	BAMs	Rere
Map3k11	2.59E-40	1.879225	0.35	0.208	6.34E-36	BAMs	Map3k1
Gapvd12	4.06E-40	1.694376	0.411	0.273	9.95E-36	BAMs	Gapvd1
Mlxip1	5.98E-40	1.726195	0.379	0.236	1.47E-35	BAMs	Mlxip
Cpq3	1.14E-39	1.740057	0.449	0.323	2.78E-35	BAMs	Cpq
Snx22	1.17E-39	1.72355	0.454	0.338	2.87E-35	BAMs	Snx2
Exoc6	1.52E-39	1.75462	0.374	0.232	3.71E-35	BAMs	Exoc6
Ms4a6b4	2.65E-39	1.411568	0.438	0.297	6.50E-35	BAMs	Ms4a6b
B4galt61	3.30E-39	2.034568	0.282	0.146	8.09E-35	BAMs	B4galt6
Rb12	3.35E-39	1.724191	0.362	0.221	8.21E-35	BAMs	Rb1
Med13l1	3.43E-39	1.44512	0.428	0.284	8.39E-35	BAMs	Med13l
Phf21a1	3.81E-39	1.448126	0.483	0.36	9.32E-35	BAMs	Phf21a
Herc43	5.06E-39	1.582903	0.402	0.261	1.24E-34	BAMs	Herc4
Aopep	5.57E-39	1.785378	0.33	0.187	1.36E-34	BAMs	Aopep
Abca11	5.78E-39	1.067562	0.612	0.517	1.42E-34	BAMs	Abca1
Gphn4	1.95E-38	0.82709	0.703	0.641	4.79E-34	BAMs	Gphn
Sik32	2.22E-38	1.752439	0.343	0.202	5.43E-34	BAMs	Sik3
Stard91	3.17E-38	1.447521	0.464	0.338	7.77E-34	BAMs	Stard9
Eif4g32	3.37E-38	1.300997	0.522	0.418	8.25E-34	BAMs	Eif4g3

Ambra11	3.43E-38	1.471275	0.411	0.269	8.40E-34	BAMs	Ambra1
Cyp27a13	4.33E-38	2.037027	0.271	0.138	1.06E-33	BAMs	Cyp27a1
Tnfaip84	4.95E-38	1.694871	0.444	0.326	1.21E-33	BAMs	Tnfaip8
Gng21	6.25E-38	1.502331	0.489	0.379	1.53E-33	BAMs	Gng2
Arhgap171	1.04E-37	1.192109	0.555	0.464	2.54E-33	BAMs	Arhgap17
Sgms13	3.47E-37	1.68843	0.327	0.186	8.49E-33	BAMs	Sgms1
Tbc1d22a1	6.04E-37	1.456737	0.458	0.334	1.48E-32	BAMs	Tbc1d22a
Mllt101	6.05E-37	1.509988	0.414	0.28	1.48E-32	BAMs	Mllt10
Supt3	6.27E-37	1.819677	0.331	0.193	1.54E-32	BAMs	Supt3
Tle4	8.07E-37	1.678861	0.349	0.212	1.98E-32	BAMs	Tle4
Fnip21	9.31E-37	1.727034	0.338	0.199	2.28E-32	BAMs	Fnip2
Arih11	1.55E-36	1.538593	0.424	0.293	3.79E-32	BAMs	Arih1
Nav12	1.73E-36	2.101679	0.27	0.139	4.23E-32	BAMs	Nav1
Trak1	3.80E-36	1.630854	0.337	0.2	9.32E-32	BAMs	Trak1
Bcas31	4.09E-36	1.601295	0.364	0.227	1.00E-31	BAMs	Bcas3
Cltc1	5.49E-36	1.072944	0.621	0.584	1.34E-31	BAMs	Cltc
Sfmbt11	1.05E-35	1.602351	0.362	0.224	2.57E-31	BAMs	Sfmbt1
Dock113	1.42E-35	1.43985	0.432	0.303	3.48E-31	BAMs	Dock11
Zfp4071	1.83E-35	1.724169	0.33	0.194	4.49E-31	BAMs	Zfp407
Zfhx32	3.46E-35	0.593281	0.785	0.725	8.46E-31	BAMs	Zfhx3
Dnajc131	4.51E-35	1.614125	0.388	0.261	1.10E-30	BAMs	Dnajc13
Wnk11	1.08E-34	0.984326	0.646	0.609	2.64E-30	BAMs	Wnk1
Mycbp21	1.28E-34	1.055511	0.599	0.54	3.14E-30	BAMs	Mycbp2
Epsti13	2.21E-34	1.273742	0.51	0.413	5.40E-30	BAMs	Epsti1
Dock41	2.32E-34	0.678102	0.729	0.696	5.68E-30	BAMs	Dock4
Camk2d2	3.30E-34	1.047169	0.604	0.535	8.08E-30	BAMs	Camk2d
Ankrd171	4.16E-34	1.380163	0.445	0.32	1.02E-29	BAMs	Ankrd17
Herc11	4.17E-34	1.61834	0.38	0.251	1.02E-29	BAMs	Herc1
Sgk32	4.49E-34	1.697582	0.349	0.217	1.10E-29	BAMs	Sgk3
Wipf12	5.67E-34	1.444681	0.479	0.381	1.39E-29	BAMs	Wipf1
Taok33	7.44E-34	1.298678	0.476	0.37	1.82E-29	BAMs	Taok3
Gsk3b1	1.44E-33	1.417795	0.445	0.332	3.54E-29	BAMs	Gsk3b
Lrch11	1.68E-33	1.027063	0.611	0.551	4.11E-29	BAMs	Lrch1
Vps541	2.65E-33	1.574286	0.333	0.201	6.49E-29	BAMs	Vps54
Cyth11	4.86E-33	1.943466	0.284	0.159	1.19E-28	BAMs	Cyth1
11-Mar	7.03E-33	1.224877	0.525	0.434	1.72E-28	BAMs	1-Mar
Gtdc11	8.84E-33	1.530206	0.398	0.272	2.16E-28	BAMs	Gtdc1
mt-Nd43	1.38E-32	0.804318	0.753	0.743	3.39E-28	BAMs	mt-Nd4
Abi12	1.52E-32	1.356238	0.476	0.378	3.73E-28	BAMs	Abi1
Relch	1.57E-32	1.686107	0.329	0.202	3.85E-28	BAMs	Relch
Gm50862	2.00E-32	1.444244	0.38	0.251	4.89E-28	BAMs	Gm5086
Pias11	2.74E-32	1.305732	0.486	0.393	6.71E-28	BAMs	Pias1
Cd862	3.42E-32	1.195199	0.62	0.589	8.38E-28	BAMs	Cd86
Nlrc52	4.83E-32	1.664805	0.363	0.241	1.18E-27	BAMs	Nlrc5

Mir99ahg1	5.97E-32	0.992799	0.604	0.546	1.46E-27 BAMs	Mir99ahg
Arhgef121	6.41E-32	1.629259	0.289	0.162	1.57E-27 BAMs	Arhgef12
mt-Cytb2	6.68E-32	0.714387	0.941	0.951	1.64E-27 BAMs	mt-Cytb
Atp8a11	1.22E-31	0.975761	0.58	0.506	2.98E-27 BAMs	Atp8a1
Apc1	1.25E-31	1.28157	0.456	0.341	3.07E-27 BAMs	Apc
Ccnd33	1.51E-31	1.10844	0.593	0.524	3.70E-27 BAMs	Ccnd3
Atf32	1.90E-31	1.557255	0.433	0.311	4.65E-27 BAMs	Atf3
Atf62	3.49E-31	1.529725	0.382	0.263	8.55E-27 BAMs	Atf6
Psme41	5.49E-31	1.53113	0.344	0.22	1.35E-26 BAMs	Psme4
Wdfy42	3.06E-30	1.276661	0.414	0.29	7.49E-26 BAMs	Wdfy4
Slc12a62	4.91E-30	1.24122	0.491	0.396	1.20E-25 BAMs	Slc12a6
Kmt2c1	8.25E-30	1.299016	0.425	0.311	2.02E-25 BAMs	Kmt2c
lfnar12	8.60E-30	1.782782	0.353	0.238	2.11E-25 BAMs	lfnar1
Mta32	1.15E-29	1.937259	0.282	0.165	2.81E-25 BAMs	Mta3
AW554918	1.47E-29	1.644823	0.296	0.173	3.60E-25 BAMs	AW554918
Lars24	2.39E-29	0.608014	0.821	0.756	5.84E-25 BAMs	Lars2
Nedd411	2.46E-29	1.686308	0.328	0.207	6.03E-25 BAMs	Nedd4l
Atp6v0a12	2.54E-29	1.438669	0.447	0.351	6.21E-25 BAMs	Atp6v0a1
Aff12	3.06E-29	1.621482	0.354	0.236	7.49E-25 BAMs	Aff1
Erbin1	3.29E-29	1.379509	0.418	0.306	8.06E-25 BAMs	Erbin
Cog51	5.36E-29	1.522681	0.33	0.208	1.31E-24 BAMs	Cog5
Snx131	5.68E-29	1.370665	0.412	0.301	1.39E-24 BAMs	Snx13
Ttc281	6.47E-29	1.302516	0.449	0.34	1.58E-24 BAMs	Ttc28
Kif13b1	9.33E-29	1.588551	0.342	0.225	2.28E-24 BAMs	Kif13b
Kat2b	1.71E-28	1.675674	0.278	0.161	4.18E-24 BAMs	Kat2b
Elf21	1.95E-28	1.486146	0.418	0.318	4.79E-24 BAMs	Elf2
Trio1	2.51E-28	1.345121	0.408	0.295	6.14E-24 BAMs	Trio
Strn31	4.42E-28	1.295885	0.405	0.291	1.08E-23 BAMs	Strn3
Hivep31	4.93E-28	1.246638	0.507	0.431	1.21E-23 BAMs	Hivep3
St6gal11	6.06E-28	1.587621	0.346	0.229	1.48E-23 BAMs	St6gal1
Mapk141	9.24E-28	1.141268	0.485	0.396	2.26E-23 BAMs	Mapk14
Sh3kbp11	9.97E-28	1.163839	0.521	0.446	2.44E-23 BAMs	Sh3kbp1
Myo9b2	1.64E-27	1.436068	0.408	0.309	4.01E-23 BAMs	Myo9b
Ptbp33	1.73E-27	1.114329	0.537	0.487	4.24E-23 BAMs	Ptbp3
mt-Co23	1.87E-27	0.724484	0.925	0.946	4.57E-23 BAMs	mt-Co2
Rps6ka31	2.23E-27	1.581428	0.343	0.229	5.47E-23 BAMs	Rps6ka3
Smurf22	2.43E-27	1.512066	0.351	0.239	5.94E-23 BAMs	Smurf2
Zfp1481	3.08E-27	1.43734	0.393	0.288	7.55E-23 BAMs	Zfp148
Usp341	3.45E-27	1.384231	0.382	0.271	8.45E-23 BAMs	Usp34
Crebbp1	4.48E-27	1.26529	0.431	0.33	1.10E-22 BAMs	Crebbp
Ahcyl22	1.43E-26	1.650048	0.296	0.181	3.51E-22 BAMs	Ahcyl2
Kcnq1ot1	1.90E-26	1.70293	0.252	0.141	4.66E-22 BAMs	Kcnq1ot1
Fam49a2	2.43E-26	1.783603	0.257	0.148	5.96E-22 BAMs	Fam49a
Tcf7l22	2.75E-26	1.470573	0.341	0.227	6.74E-22 BAMs	Tcf7l2

Ankhd11	2.98E-26	1.449843	0.359	0.252	7.29E-22	BAMs	Ankhd1
Cbl3	1.16E-25	1.329033	0.45	0.371	2.83E-21	BAMs	Cbl
Ppp4r1	1.67E-25	1.561923	0.271	0.16	4.09E-21	BAMs	Ppp4r1
Agps1	2.50E-25	1.283563	0.431	0.336	6.13E-21	BAMs	Agps
Babam21	2.76E-25	1.299435	0.43	0.337	6.75E-21	BAMs	Babam2
Kansl1l1	2.84E-25	1.513531	0.317	0.204	6.97E-21	BAMs	Kansl1l
Inpp5d1	3.06E-25	0.484999	0.787	0.798	7.49E-21	BAMs	Inpp5d
Pde4d1	5.67E-25	1.848318	0.264	0.155	1.39E-20	BAMs	Pde4d
Swap701	9.98E-25	1.721874	0.282	0.176	2.44E-20	BAMs	Swap70
Dip2c1	1.05E-24	1.610982	0.278	0.169	2.56E-20	BAMs	Dip2c
Ubash3b1	1.14E-24	0.952492	0.541	0.477	2.80E-20	BAMs	Ubash3b
Bcl2l1	1.52E-24	1.477688	0.334	0.226	3.72E-20	BAMs	Bcl2l1
Zmiz11	1.76E-24	1.046511	0.538	0.498	4.31E-20	BAMs	Zmiz1
Usp151	2.40E-24	1.409025	0.364	0.262	5.87E-20	BAMs	Usp15
Mbd51	3.07E-24	1.364563	0.36	0.254	7.51E-20	BAMs	Mbd5
Atf7	4.66E-24	1.476341	0.331	0.227	1.14E-19	BAMs	Atf7
Il151	6.16E-24	1.642466	0.292	0.189	1.51E-19	BAMs	Il15
Tns31	7.17E-24	0.888883	0.567	0.531	1.76E-19	BAMs	Tns3
Plek2	8.55E-24	1.249772	0.638	0.658	2.09E-19	BAMs	Plek
Tent2	1.14E-23	1.38112	0.372	0.277	2.78E-19	BAMs	Tent2
Eea11	1.21E-23	1.707606	0.28	0.177	2.97E-19	BAMs	Eea1
Ncoa31	2.08E-23	1.372814	0.415	0.333	5.10E-19	BAMs	Ncoa3
Ankrd122	2.22E-23	1.48317	0.35	0.252	5.44E-19	BAMs	Ankrd12
Atg101	2.56E-23	1.524446	0.318	0.215	6.27E-19	BAMs	Atg10
Tsc22d36	3.10E-23	1.311115	0.4	0.3	7.60E-19	BAMs	Tsc22d3
Cdc42se24	4.97E-23	1.459029	0.367	0.275	1.22E-18	BAMs	Cdc42se2
Tm6sf13	5.54E-23	1.232977	0.451	0.369	1.36E-18	BAMs	Tm6sf1
Insr1	6.01E-23	1.333357	0.297	0.19	1.47E-18	BAMs	Insr
Atp7a	6.64E-23	1.59199	0.29	0.188	1.63E-18	BAMs	Atp7a
Phip1	7.17E-23	1.470535	0.359	0.262	1.76E-18	BAMs	Phip
Slc43a21	1.21E-22	1.641107	0.366	0.277	2.96E-18	BAMs	Slc43a2
Ms4a6c4	1.35E-22	0.843947	0.408	0.283	3.30E-18	BAMs	Ms4a6c
Galnt10	1.70E-22	1.593105	0.257	0.156	4.16E-18	BAMs	Galnt10
Lpp1	2.10E-22	1.446199	0.379	0.288	5.13E-18	BAMs	Lpp
Hmbox1	2.30E-22	1.54205	0.276	0.174	5.62E-18	BAMs	Hmbox1
Nt5c21	2.83E-22	1.514578	0.309	0.211	6.94E-18	BAMs	Nt5c2
Ankfy1	2.92E-22	1.493867	0.337	0.239	7.15E-18	BAMs	Ankfy1
Msi21	4.26E-22	1.350312	0.335	0.232	1.04E-17	BAMs	Msi2
Aftph1	5.38E-22	1.198767	0.443	0.366	1.32E-17	BAMs	Aftph
Itga91	6.17E-22	1.231034	0.393	0.29	1.51E-17	BAMs	Itga9
Nsd33	6.41E-22	1.180971	0.408	0.323	1.57E-17	BAMs	Nsd3
Lcor1	7.93E-22	1.344048	0.337	0.237	1.94E-17	BAMs	Lcor
Ifi2043	1.17E-21	1.62386	0.275	0.177	2.87E-17	BAMs	Ifi204
Svil2	1.18E-21	1.443584	0.307	0.205	2.89E-17	BAMs	Svil

Dusp17	1.36E-21	0.908074	0.498	0.385	3.33E-17 BAMs	Dusp1
Arrb1	2.31E-21	1.630269	0.254	0.157	5.66E-17 BAMs	Arrb1
mt-Nd22	3.51E-21	0.64991	0.77	0.804	8.60E-17 BAMs	mt-Nd2
mt-Nd52	4.12E-21	0.908719	0.617	0.61	1.01E-16 BAMs	mt-Nd5
Ctnnd11	4.63E-21	1.600969	0.291	0.196	1.13E-16 BAMs	Ctnnd1
R3hdm1	7.32E-21	1.452456	0.283	0.183	1.79E-16 BAMs	R3hdm1
Rbm61	7.97E-21	1.328129	0.356	0.267	1.95E-16 BAMs	Rbm6
Pla2g75	1.11E-20	1.147153	0.267	0.161	2.72E-16 BAMs	Pla2g7
Trip121	1.62E-20	1.324186	0.381	0.298	3.96E-16 BAMs	Trip12
Abl2	1.84E-20	1.539902	0.298	0.203	4.50E-16 BAMs	Abl2
Coro7	2.02E-20	1.65227	0.292	0.201	4.93E-16 BAMs	Coro7
Ogt2	2.12E-20	1.357624	0.351	0.26	5.20E-16 BAMs	Ogt
Itsn21	2.55E-20	1.204837	0.4	0.322	6.24E-16 BAMs	Itsn2
Rasa11	3.03E-20	1.556955	0.307	0.214	7.42E-16 BAMs	Rasa1
Tnrc6a1	1.34E-19	1.292595	0.304	0.208	3.27E-15 BAMs	Tnrc6a
Dis3l21	2.43E-19	1.431411	0.286	0.192	5.96E-15 BAMs	Dis3l2
Nr2c2	3.24E-19	1.501317	0.254	0.162	7.93E-15 BAMs	Nr2c2
Nrf1	4.84E-19	1.525464	0.265	0.172	1.18E-14 BAMs	Nrf1
Kdm6a	5.35E-19	1.676508	0.256	0.164	1.31E-14 BAMs	Kdm6a
2610203C2	5.76E-19	1.406504	0.305	0.212	1.41E-14 BAMs	2610203C22Rik
Klf7	6.16E-19	1.595611	0.265	0.173	1.51E-14 BAMs	Klf7
Dlg1	6.90E-19	1.434473	0.277	0.184	1.69E-14 BAMs	Dlg1
Tgfbr22	7.57E-19	0.617246	0.662	0.648	1.85E-14 BAMs	Tgfbr2
Smg11	7.96E-19	1.106616	0.396	0.312	1.95E-14 BAMs	Smg1
Ash1l1	8.31E-19	1.144888	0.401	0.324	2.03E-14 BAMs	Ash1l
Arhgap251	1.27E-18	1.188095	0.388	0.313	3.11E-14 BAMs	Arhgap25
Rcsd12	1.46E-18	1.146748	0.439	0.377	3.58E-14 BAMs	Rcsd1
St3gal31	1.77E-18	1.425497	0.297	0.206	4.33E-14 BAMs	St3gal3
Ap1b11	1.87E-18	1.499367	0.328	0.246	4.57E-14 BAMs	Ap1b1
Ptpra2	2.27E-18	0.887772	0.524	0.495	5.57E-14 BAMs	Ptpra
Tmem131l	2.35E-18	1.358052	0.297	0.206	5.75E-14 BAMs	Tmem131l
Abca92	2.47E-18	0.834646	0.523	0.473	6.05E-14 BAMs	Abca9
Ppp6r31	2.49E-18	1.321189	0.325	0.238	6.09E-14 BAMs	Ppp6r3
Fam13b	2.82E-18	1.457433	0.278	0.189	6.90E-14 BAMs	Fam13b
Kidins220	3.22E-18	1.503439	0.295	0.207	7.89E-14 BAMs	Kidins220
Igf1r2	3.27E-18	1.318645	0.317	0.224	8.02E-14 BAMs	Igf1r
Luc7l21	3.75E-18	0.807763	0.578	0.578	9.19E-14 BAMs	Luc7l2
Chd21	4.07E-18	1.30763	0.351	0.269	9.98E-14 BAMs	Chd2
Sesn13	4.94E-18	1.199901	0.382	0.303	1.21E-13 BAMs	Sesn1
Arhgap311	4.97E-18	1.293324	0.387	0.311	1.22E-13 BAMs	Arhgap31
Fbxw111	5.84E-18	1.357956	0.329	0.245	1.43E-13 BAMs	Fbxw11
Kcnk131	7.12E-18	1.166705	0.394	0.321	1.74E-13 BAMs	Kcnk13
Ago3	9.36E-18	1.387212	0.302	0.216	2.29E-13 BAMs	Ago3
Bmp2k1	1.10E-17	0.631854	0.638	0.631	2.70E-13 BAMs	Bmp2k

Tnrc181	1.24E-17	1.295781	0.36	0.284	3.03E-13	BAMs	Tnrc18
Ascc32	1.28E-17	1.320901	0.315	0.228	3.13E-13	BAMs	Ascc3
Ddi21	1.79E-17	1.380956	0.336	0.253	4.39E-13	BAMs	Ddi2
Sp1005	2.01E-17	1.324962	0.355	0.278	4.93E-13	BAMs	Sp100
Gas61	2.38E-17	0.960891	0.44	0.364	5.82E-13	BAMs	Gas6
Clasp21	2.92E-17	0.970257	0.486	0.444	7.15E-13	BAMs	Clasp2
Cers64	2.97E-17	1.500592	0.293	0.208	7.27E-13	BAMs	Cers6
Ggta1	3.01E-17	1.481705	0.289	0.203	7.38E-13	BAMs	Ggta1
Vps13d	3.03E-17	1.357568	0.29	0.203	7.42E-13	BAMs	Vps13d
Epb41	4.66E-17	1.380736	0.295	0.209	1.14E-12	BAMs	Epb41
Smg61	4.75E-17	1.262266	0.338	0.255	1.16E-12	BAMs	Smg6
Arhgap122	5.60E-17	1.17221	0.348	0.267	1.37E-12	BAMs	Arhgap12
Cnot41	8.23E-17	1.177869	0.38	0.308	2.01E-12	BAMs	Cnot4
Tbl1xr11	1.01E-16	1.096241	0.383	0.312	2.47E-12	BAMs	Tbl1xr1
Phf201	1.17E-16	1.414177	0.302	0.221	2.87E-12	BAMs	Phf20
Fam49b2	1.25E-16	0.575502	0.701	0.747	3.05E-12	BAMs	Fam49b
Atp9b1	1.27E-16	1.176512	0.356	0.28	3.11E-12	BAMs	Atp9b
Gna121	1.41E-16	0.884442	0.544	0.525	3.44E-12	BAMs	Gna12
Sh3pxd2a1	1.44E-16	1.148793	0.343	0.262	3.53E-12	BAMs	Sh3pxd2a
Clic44	1.48E-16	1.767029	0.293	0.213	3.63E-12	BAMs	Clic4
Ptbp2	1.52E-16	1.331396	0.267	0.182	3.73E-12	BAMs	Ptbp2
Peli12	1.86E-16	1.11301	0.441	0.394	4.55E-12	BAMs	Peli1
Macf11	1.92E-16	0.603539	0.654	0.676	4.70E-12	BAMs	Macf1
Dock103	3.77E-16	0.811208	0.599	0.611	9.23E-12	BAMs	Dock10
Bbx1	4.25E-16	1.480065	0.271	0.19	1.04E-11	BAMs	Bbx
Nsd11	4.40E-16	1.08298	0.436	0.39	1.08E-11	BAMs	Nsd1
2610507B1	4.53E-16	1.652099	0.25	0.17	1.11E-11	BAMs	2610507B11Rik
Nipbl2	5.16E-16	0.976357	0.482	0.45	1.26E-11	BAMs	Nipbl
Tmem87b	5.94E-16	1.445058	0.25	0.168	1.46E-11	BAMs	Tmem87b
Pcca	7.14E-16	1.349253	0.263	0.178	1.75E-11	BAMs	Pcca
Map3k31	7.75E-16	1.10306	0.368	0.294	1.90E-11	BAMs	Map3k3
Zfp6381	9.68E-16	1.167691	0.348	0.272	2.37E-11	BAMs	Zfp638
Ccnl13	1.19E-15	1.079543	0.405	0.347	2.92E-11	BAMs	Ccnl1
Fam193a1	1.20E-15	1.174792	0.331	0.254	2.95E-11	BAMs	Fam193a
Mon21	1.77E-15	1.258715	0.335	0.261	4.33E-11	BAMs	Mon2
Zfand53	2.28E-15	1.382402	0.398	0.345	5.59E-11	BAMs	Zfand5
Dgkd1	2.61E-15	1.065498	0.37	0.3	6.39E-11	BAMs	Dgkd
Mdm41	2.83E-15	1.2251	0.309	0.23	6.92E-11	BAMs	Mdm4
Stx16	2.98E-15	1.223029	0.355	0.288	7.29E-11	BAMs	Stx16
Nf11	3.59E-15	1.075649	0.386	0.322	8.79E-11	BAMs	Nf1
Myo9a1	4.15E-15	1.099434	0.381	0.319	1.02E-10	BAMs	Myo9a
Acap22	4.58E-15	0.824839	0.514	0.491	1.12E-10	BAMs	Acap2
Map2k51	7.04E-15	1.275502	0.286	0.207	1.72E-10	BAMs	Map2k5
Dym	7.14E-15	1.453425	0.257	0.179	1.75E-10	BAMs	Dym

Rnf2132	1.01E-14	1.220701	0.4	0.345	2.46E-10	BAMs	Rnf213
Maml31	1.07E-14	0.637061	0.561	0.536	2.63E-10	BAMs	Maml3
Atad2b2	1.10E-14	1.278595	0.303	0.229	2.69E-10	BAMs	Atad2b
Bmpr21	1.18E-14	1.133824	0.324	0.247	2.88E-10	BAMs	Bmpr2
Phc3	1.27E-14	1.330825	0.265	0.187	3.11E-10	BAMs	Phc3
Tnrc6b2	1.40E-14	0.973041	0.422	0.366	3.42E-10	BAMs	Tnrc6b
Faf1	1.40E-14	1.258081	0.28	0.204	3.44E-10	BAMs	Faf1
Nr3c11	1.41E-14	1.040729	0.425	0.377	3.44E-10	BAMs	Nr3c1
Chd61	1.54E-14	1.184538	0.28	0.201	3.76E-10	BAMs	Chd6
Rbm251	1.69E-14	0.967712	0.436	0.396	4.14E-10	BAMs	Rbm25
Tec1	1.80E-14	1.258467	0.354	0.289	4.40E-10	BAMs	Tec
Itpkb	1.89E-14	1.518791	0.296	0.224	4.63E-10	BAMs	Itpkb
Nfkb12	2.00E-14	0.888627	0.493	0.472	4.91E-10	BAMs	Nfkb1
Arnt	2.11E-14	1.382272	0.253	0.177	5.16E-10	BAMs	Arnt
Rin21	3.47E-14	1.045283	0.441	0.405	8.50E-10	BAMs	Rin2
4932438A1	3.64E-14	1.277354	0.283	0.21	8.91E-10	BAMs	4932438A13Rik
mt-Nd11	7.53E-14	0.638392	0.762	0.795	1.84E-09	BAMs	mt-Nd1
3-Jun	9.97E-14	0.518897	0.679	0.638	2.44E-09	BAMs	Jun
Kat6a1	1.14E-13	1.137589	0.323	0.253	2.80E-09	BAMs	Kat6a
Ythdf32	1.36E-13	1.338807	0.282	0.209	3.33E-09	BAMs	Ythdf3
Ptpro2	1.56E-13	1.104154	0.388	0.332	3.83E-09	BAMs	Ptpro
Tet21	1.64E-13	1.307187	0.277	0.204	4.01E-09	BAMs	Tet2
Stxbp51	2.04E-13	1.210204	0.28	0.208	4.99E-09	BAMs	Stxbp5
Irf22	2.13E-13	0.987607	0.46	0.44	5.23E-09	BAMs	Irf2
Tbc1d141	2.17E-13	1.166867	0.342	0.281	5.31E-09	BAMs	Tbc1d14
Kdm7a4	2.30E-13	1.185201	0.325	0.26	5.63E-09	BAMs	Kdm7a
Osbpl111	3.11E-13	1.111712	0.398	0.349	7.63E-09	BAMs	Osbpl11
Slc23a2	3.79E-13	1.272489	0.298	0.23	9.28E-09	BAMs	Slc23a2
Ttc31	3.81E-13	1.378853	0.262	0.19	9.34E-09	BAMs	Ttc3
Ecpas	5.09E-13	1.24354	0.305	0.237	1.25E-08	BAMs	Ecpas
Setd51	5.21E-13	1.045724	0.38	0.327	1.28E-08	BAMs	Setd5
Tpd523	5.99E-13	1.034231	0.454	0.43	1.47E-08	BAMs	Tpd52
Tpp2	6.90E-13	1.314996	0.307	0.242	1.69E-08	BAMs	Tpp2
Hdac81	7.63E-13	1.38805	0.258	0.186	1.87E-08	BAMs	Hdac8
Ubr31	9.17E-13	1.236861	0.289	0.219	2.25E-08	BAMs	Ubr3
Tnrc6c1	9.61E-13	1.164056	0.323	0.258	2.35E-08	BAMs	Tnrc6c
Ppp1r12a3	1.10E-12	0.890408	0.45	0.422	2.68E-08	BAMs	Ppp1r12a
R3hdm21	1.22E-12	1.238378	0.309	0.246	2.99E-08	BAMs	R3hdm2
BC005537	1.32E-12	1.557235	0.254	0.187	3.22E-08	BAMs	BC005537
Ulk22	1.37E-12	0.937832	0.414	0.372	3.37E-08	BAMs	Ulk2
Nfia1	1.64E-12	0.780791	0.446	0.395	4.02E-08	BAMs	Nfia
Cacna1d1	2.68E-12	1.105046	0.334	0.271	6.57E-08	BAMs	Cacna1d
Birc62	3.00E-12	0.972007	0.389	0.341	7.35E-08	BAMs	Birc6
Cdk131	3.02E-12	1.184386	0.331	0.273	7.40E-08	BAMs	Cdk13

Slc6a61	3.16E-12	1.040195	0.415	0.379	7.74E-08	BAMs	Slc6a6
Rab311	4.58E-12	1.095628	0.382	0.339	1.12E-07	BAMs	Rab31
Synj13	4.88E-12	1.187234	0.35	0.301	1.20E-07	BAMs	Synj1
Snx92	6.33E-12	1.227501	0.322	0.267	1.55E-07	BAMs	Snx9
Chka1	1.20E-11	1.200278	0.267	0.201	2.94E-07	BAMs	Chka
Hipk21	1.55E-11	1.308511	0.338	0.289	3.80E-07	BAMs	Hipk2
Huwe11	2.01E-11	1.149822	0.322	0.265	4.92E-07	BAMs	Huwe1
Ddx3x1	2.12E-11	1.17039	0.347	0.296	5.20E-07	BAMs	Ddx3x
Gls1	2.16E-11	1.196643	0.323	0.267	5.28E-07	BAMs	Gls
Nisch2	3.03E-11	1.049672	0.391	0.357	7.42E-07	BAMs	Nisch
Spop3	3.11E-11	1.042067	0.395	0.362	7.61E-07	BAMs	Spop
Klf25	4.29E-11	0.790706	0.305	0.228	1.05E-06	BAMs	Klf2
Cop13	4.38E-11	1.230563	0.276	0.214	1.07E-06	BAMs	Cop1
Trappc8	5.08E-11	1.342851	0.265	0.203	1.24E-06	BAMs	Trappc8
Atrx1	5.69E-11	1.016834	0.36	0.314	1.39E-06	BAMs	Atrx
Tut4	6.62E-11	1.208395	0.279	0.219	1.62E-06	BAMs	Tut4
Nfat51	7.73E-11	1.163322	0.302	0.246	1.89E-06	BAMs	Nfat5
Mt34	7.73E-11	0.805185	0.295	0.22	1.89E-06	BAMs	Mt3
Adap22	8.00E-11	0.57991	0.572	0.575	1.96E-06	BAMs	Adap2
Man1a1	8.45E-11	1.119646	0.406	0.381	2.07E-06	BAMs	Man1a
Lrrc8d2	8.71E-11	1.231018	0.329	0.281	2.13E-06	BAMs	Lrrc8d
Agmo2	1.24E-10	0.928941	0.412	0.374	3.03E-06	BAMs	Agmo
Stx81	1.47E-10	1.209475	0.327	0.28	3.60E-06	BAMs	Stx8
Chchd31	1.53E-10	1.357833	0.304	0.254	3.74E-06	BAMs	Chchd3
Plcl21	1.57E-10	0.671216	0.51	0.5	3.84E-06	BAMs	Plcl2
Tut71	1.67E-10	1.162901	0.329	0.281	4.08E-06	BAMs	Tut7
Galnt1	1.79E-10	1.07899	0.354	0.314	4.38E-06	BAMs	Galnt1
Celf11	2.56E-10	1.013917	0.355	0.313	6.27E-06	BAMs	Celf1
Tcf201	2.94E-10	1.16806	0.271	0.213	7.20E-06	BAMs	Tcf20
Pacs12	2.98E-10	1.178309	0.272	0.214	7.30E-06	BAMs	Pacs1
B4galt11	4.58E-10	0.857217	0.434	0.418	1.12E-05	BAMs	B4galt1
Tsc22d2	5.14E-10	1.303555	0.259	0.201	1.26E-05	BAMs	Tsc22d2
Mrtfa4	5.16E-10	1.168167	0.29	0.233	1.26E-05	BAMs	Mrtfa
Fbxl201	5.27E-10	1.133168	0.302	0.247	1.29E-05	BAMs	Fbxl20
Rock21	5.53E-10	0.879103	0.414	0.386	1.36E-05	BAMs	Rock2
Fam117b1	5.70E-10	1.090347	0.307	0.251	1.40E-05	BAMs	Fam117b
Snx103	6.65E-10	1.275815	0.303	0.257	1.63E-05	BAMs	Snx10
Zfp2921	7.03E-10	0.969947	0.361	0.318	1.72E-05	BAMs	Zfp292
Ppp1r9a1	7.61E-10	1.00016	0.409	0.38	1.86E-05	BAMs	Ppp1r9a
Pacsin21	8.14E-10	1.153994	0.374	0.347	1.99E-05	BAMs	Pacsin2
Rnf1111	8.27E-10	1.186511	0.282	0.224	2.02E-05	BAMs	Rnf111
Stag22	8.45E-10	1.189843	0.31	0.261	2.07E-05	BAMs	Stag2
Trip11	9.45E-10	1.256676	0.259	0.204	2.31E-05	BAMs	Trip11
Lrrk12	1.03E-09	0.868988	0.412	0.388	2.53E-05	BAMs	Lrrk1

Pcm1	1.10E-09	1.159271	0.28	0.226	2.69E-05	BAMs	Pcm1
Tasor	1.25E-09	1.198101	0.259	0.202	3.06E-05	BAMs	Tasor
Thada1	1.26E-09	1.07046	0.266	0.207	3.08E-05	BAMs	Thada
Ccny1	1.28E-09	1.201904	0.293	0.243	3.14E-05	BAMs	Ccny
Usp241	1.29E-09	1.029669	0.321	0.27	3.16E-05	BAMs	Usp24
Usp47	1.79E-09	1.212389	0.251	0.194	4.38E-05	BAMs	Usp47
Tbl1x1	1.81E-09	1.144083	0.314	0.268	4.43E-05	BAMs	Tbl1x
Ranbp21	1.92E-09	1.191463	0.271	0.218	4.71E-05	BAMs	Ranbp2
Rassf22	1.94E-09	1.0465	0.36	0.321	4.74E-05	BAMs	Rassf2
Scaper	1.95E-09	1.268004	0.25	0.193	4.79E-05	BAMs	Scaper
Syk3	2.17E-09	0.960345	0.383	0.351	5.30E-05	BAMs	Syk
Cep350	2.27E-09	1.151738	0.309	0.263	5.55E-05	BAMs	Cep350
Dgkz2	2.28E-09	1.151768	0.33	0.294	5.58E-05	BAMs	Dgkz
Il31ra4	2.37E-09	0.614927	0.619	0.618	5.80E-05	BAMs	Il31ra
Asap11	2.43E-09	0.644274	0.53	0.553	5.96E-05	BAMs	Asap1
Taok11	2.85E-09	1.024311	0.328	0.282	6.98E-05	BAMs	Taok1
Arhgap221	3.27E-09	1.067689	0.369	0.329	8.01E-05	BAMs	Arhgap22
Ddx171	3.47E-09	0.950728	0.373	0.34	8.50E-05	BAMs	Ddx17
Hpcal16	4.18E-09	1.385332	0.302	0.263	0.000102	BAMs	Hpcal1
Tlr72	6.61E-09	0.994848	0.38	0.354	0.000162	BAMs	Tlr7
Mertk2	6.81E-09	0.320575	0.705	0.725	0.000167	BAMs	Mertk
Vps41	7.81E-09	1.163392	0.282	0.233	0.000191	BAMs	Vps41
Usp9x1	8.02E-09	1.114919	0.308	0.262	0.000196	BAMs	Usp9x
Map3k2	9.40E-09	1.203952	0.257	0.205	0.00023	BAMs	Map3k2
Fchsd22	1.05E-08	0.783996	0.508	0.519	0.000256	BAMs	Fchsd2
Adcy71	1.20E-08	1.102031	0.312	0.274	0.000295	BAMs	Adcy7
Tlk1	1.30E-08	1.246245	0.264	0.216	0.000319	BAMs	Tlk1
Asxl2	1.43E-08	1.129074	0.269	0.217	0.000351	BAMs	Asxl2
Pum21	1.49E-08	1.007483	0.34	0.306	0.000366	BAMs	Pum2
Chd92	1.94E-08	0.369545	0.679	0.736	0.000476	BAMs	Chd9
Larp4b1	2.41E-08	0.990382	0.368	0.346	0.00059	BAMs	Larp4b
Plekho25	2.52E-08	1.395091	0.253	0.208	0.000618	BAMs	Plekho2
Tank2	2.77E-08	1.411725	0.258	0.211	0.000679	BAMs	Tank
Prex11	3.61E-08	0.717372	0.486	0.506	0.000884	BAMs	Prex1
Tln22	3.91E-08	1.354549	0.254	0.206	0.000957	BAMs	Tln2
Nlrp1b2	3.93E-08	1.174017	0.298	0.257	0.000963	BAMs	Nlrp1b
Rapgef62	4.07E-08	0.99846	0.323	0.283	0.000996	BAMs	Rapgef6
Nek71	4.41E-08	0.700854	0.441	0.43	0.001081	BAMs	Nek7
Srrm21	5.07E-08	0.506793	0.589	0.651	0.001243	BAMs	Srrm2
Rnf2161	5.18E-08	0.888213	0.385	0.364	0.001267	BAMs	Rnf216
Mbp5	5.69E-08	0.590416	0.372	0.319	0.001393	BAMs	Mbp
mt-Nd4l2	6.96E-08	0.526138	0.766	0.826	0.001705	BAMs	mt-Nd4l
Ap3b11	8.12E-08	0.885066	0.38	0.365	0.001989	BAMs	Ap3b1
Oxr11	8.36E-08	0.970478	0.334	0.296	0.002048	BAMs	Oxr1

Mkln11	9.63E-08	0.933688	0.367	0.349	0.002358	BAMs	Mkln1
Ppp1r211	1.03E-07	0.934452	0.359	0.336	0.002513	BAMs	Ppp1r21
Lpin22	1.10E-07	0.780143	0.433	0.436	0.002705	BAMs	Lpin2
Wasf22	1.41E-07	0.526341	0.566	0.619	0.00346	BAMs	Wasf2
Mapkapk23	1.63E-07	1.215702	0.348	0.332	0.004	BAMs	Mapkapk2
Trappc91	2.59E-07	1.093721	0.288	0.246	0.00634	BAMs	Trappc9
Rab432	2.59E-07	1.079522	0.342	0.317	0.006352	BAMs	Rab43
Nktr1	2.83E-07	0.978461	0.33	0.301	0.006923	BAMs	Nktr
P2rx44	2.94E-07	1.17309	0.338	0.321	0.007192	BAMs	P2rx4
Dst1	3.23E-07	0.554572	0.57	0.596	0.007902	BAMs	Dst
Zup12	3.66E-07	1.019753	0.316	0.285	0.008956	BAMs	Zup1
Cep1701	3.72E-07	0.952873	0.312	0.278	0.009114	BAMs	Cep170
Aig1	4.69E-07	1.253306	0.311	0.285	0.011478	BAMs	Aig1
Rptor1	4.77E-07	0.617418	0.4	0.375	0.011669	BAMs	Rptor
Crlf31	4.78E-07	0.828186	0.412	0.413	0.011715	BAMs	Crlf3
Ube3a1	4.89E-07	1.018859	0.31	0.28	0.011969	BAMs	Ube3a
Rad51b3	4.97E-07	1.185133	0.445	0.452	0.012164	BAMs	Rad51b
Pik3cg2	5.04E-07	1.031781	0.321	0.293	0.01235	BAMs	Pik3cg
Mapre2	5.17E-07	1.138544	0.317	0.292	0.012657	BAMs	Mapre2
Aff41	5.87E-07	0.992854	0.316	0.284	0.014379	BAMs	Aff4
Grb22	6.73E-07	0.71649	0.488	0.519	0.016483	BAMs	Grb2
Spag93	1.12E-06	0.998617	0.33	0.306	0.027414	BAMs	Spag9
Ccm21	1.16E-06	1.025607	0.296	0.265	0.028471	BAMs	Ccm2
Polr2a2	1.18E-06	0.280772	0.169	0.271	0.028862	BAMs	Polr2a
Eml41	1.22E-06	0.932275	0.355	0.336	0.029915	BAMs	Eml4
Ubac21	1.37E-06	0.932848	0.342	0.32	0.033461	BAMs	Ubac2
Cdk191	1.42E-06	0.96514	0.291	0.253	0.034683	BAMs	Cdk19
Clec2d5	1.46E-06	1.062436	0.299	0.267	0.035637	BAMs	Clec2d
Ncor13	1.88E-06	0.736831	0.411	0.416	0.045965	BAMs	Ncor1
Sik22	1.97E-06	0.91384	0.269	0.226	0.04833	BAMs	Sik2
Clk11	2.13E-06	0.859093	0.364	0.35	0.052094	BAMs	Clk1
AU0202061	2.25E-06	0.808574	0.472	0.494	0.055073	BAMs	AU020206
Zfc3h1	2.43E-06	1.016305	0.257	0.218	0.059397	BAMs	Zfc3h1
Scmh11	2.50E-06	1.077325	0.251	0.21	0.061233	BAMs	Scmh1
Kmt2e2	2.79E-06	0.766652	0.401	0.402	0.068256	BAMs	Kmt2e
Zmynd81	2.86E-06	0.946514	0.299	0.269	0.070056	BAMs	Zmynd8
Dnajc11	3.05E-06	1.069496	0.307	0.284	0.074776	BAMs	Dnajc1
Fam168a1	3.30E-06	0.956285	0.286	0.251	0.080754	BAMs	Fam168a
Jak12	3.64E-06	0.797232	0.408	0.413	0.089069	BAMs	Jak1
Wdr332	4.21E-06	0.908817	0.336	0.319	0.103206	BAMs	Wdr33
Dnmt3a1	4.40E-06	0.756781	0.375	0.36	0.107676	BAMs	Dnmt3a
Rock13	4.48E-06	1.036619	0.325	0.31	0.109713	BAMs	Rock1
Ski1	4.90E-06	0.773144	0.393	0.389	0.119969	BAMs	Ski
Ndufs44	5.36E-06	0.250186	0.196	0.304	0.131274	BAMs	Ndufs4

Fkbp151	5.55E-06	0.921713	0.346	0.336	0.136024	BAMs	Fkbp15
Phkb1	6.30E-06	1.021873	0.252	0.216	0.154248	BAMs	Phkb
Fryl	7.74E-06	1.080661	0.251	0.217	0.189553	BAMs	Fryl
Pld11	7.96E-06	0.786375	0.344	0.322	0.194928	BAMs	Pld1
Bcl103	8.23E-06	0.313616	0.17	0.267	0.201488	BAMs	Bcl10
Lrch32	8.71E-06	1.019866	0.282	0.256	0.213397	BAMs	Lrch3
Pds5a1	1.03E-05	0.94058	0.275	0.243	0.253352	BAMs	Pds5a
Cd841	1.06E-05	0.66642	0.51	0.556	0.259194	BAMs	Cd84
Ppig1	1.07E-05	0.270562	0.159	0.25	0.261657	BAMs	Ppig
Gpatch81	1.08E-05	0.95665	0.285	0.256	0.265026	BAMs	Gpatch8
Cask2	1.31E-05	0.786546	0.333	0.311	0.320064	BAMs	Cask
Pxn2	1.43E-05	1.129469	0.253	0.221	0.350684	BAMs	Pxn
Zfand61	1.65E-05	0.978595	0.322	0.306	0.404634	BAMs	Zfand6
Ccdc501	1.79E-05	0.826643	0.378	0.38	0.439439	BAMs	Ccdc50
Kpna42	1.84E-05	0.826026	0.428	0.455	0.450413	BAMs	Kpna4
Pitpna4	1.86E-05	0.683364	0.454	0.485	0.456636	BAMs	Pitpna
Glg1	2.22E-05	1.02929	0.295	0.275	0.544187	BAMs	Glg1
Axl4	2.30E-05	1.020445	0.292	0.269	0.563697	BAMs	Axl
Tbc1d231	2.36E-05	0.944171	0.279	0.252	0.5771	BAMs	Tbc1d23
Rhobtb12	2.40E-05	0.921603	0.275	0.244	0.586907	BAMs	Rhobtb1
Stk42	2.43E-05	0.887003	0.312	0.292	0.59537	BAMs	Stk4
Gsap3	2.47E-05	0.986314	0.31	0.293	0.605963	BAMs	Gsap
Wdr262	3.14E-05	0.869572	0.359	0.354	0.768549	BAMs	Wdr26
Tmod32	4.83E-05	0.32066	0.168	0.255	1	BAMs	Tmod3
Hook3	4.92E-05	0.918314	0.273	0.246	1	BAMs	Hook3
Wdr442	5.74E-05	0.928794	0.262	0.231	1	BAMs	Wdr44
Dek5	6.33E-05	0.272436	0.17	0.257	1	BAMs	Dek
Pvt11	6.94E-05	0.957403	0.278	0.253	1	BAMs	Pvt1
Washc42	8.18E-05	0.842696	0.291	0.27	1	BAMs	Washc4
Ubr51	8.34E-05	0.911651	0.262	0.236	1	BAMs	Ubr5
Jarid25	9.35E-05	0.891505	0.341	0.336	1	BAMs	Jarid2
Cnot21	9.92E-05	0.826798	0.333	0.325	1	BAMs	Cnot2
Eri31	9.95E-05	0.926488	0.267	0.245	1	BAMs	Eri3
Cept12	0.000115	0.925686	0.297	0.28	1	BAMs	Cept1
Creb11	0.000128	0.95389	0.276	0.252	1	BAMs	Creb1
Wwp21	0.000129	0.985262	0.264	0.244	1	BAMs	Wwp2
Parp142	0.000135	0.96773	0.292	0.273	1	BAMs	Parp14
Gm433053	0.000145	1.046851	0.4	0.419	1	BAMs	Gm43305
Cul31	0.000164	1.009161	0.25	0.228	1	BAMs	Cul3
Pik3cd1	0.00017	0.806416	0.379	0.39	1	BAMs	Pik3cd
Ppp2r5c2	0.00017	0.882025	0.328	0.322	1	BAMs	Ppp2r5c
Mindy21	0.000185	0.254598	0.176	0.256	1	BAMs	Mindy2
Dnajb61	0.000215	0.28938	0.227	0.327	1	BAMs	Dnajb6
Mark22	0.000228	0.911613	0.263	0.242	1	BAMs	Mark2

Asxl12	0.000231	0.909361	0.254	0.231	1 BAMs	Asxl1
Brd42	0.000235	0.722371	0.368	0.378	1 BAMs	Brd4
Lmbrd12	0.000257	0.949805	0.28	0.267	1 BAMs	Lmbrd1
Jund2	0.00027	0.283562	0.665	0.69	1 BAMs	Jund
Znfx12	0.000274	0.277226	0.193	0.278	1 BAMs	Znfx1
Ap2b1	0.000281	0.994003	0.26	0.24	1 BAMs	Ap2b1
Vav21	0.000287	0.788035	0.28	0.262	1 BAMs	Vav2
U2surp1	0.000289	0.284833	0.174	0.256	1 BAMs	U2surp
Txnip2	0.00031	0.579028	0.496	0.543	1 BAMs	Txnip
Smarca21	0.000323	0.791821	0.311	0.296	1 BAMs	Smarca2
Il4ra2	0.00033	1.192219	0.256	0.241	1 BAMs	Il4ra
Ranbp9	0.000393	0.990948	0.257	0.238	1 BAMs	Ranbp9
Arhgef6	0.0004	0.972329	0.258	0.238	1 BAMs	Arhgef6
Cux11	0.000406	0.665306	0.389	0.405	1 BAMs	Cux1
Ikzf11	0.000423	0.366383	0.57	0.63	1 BAMs	Ikzf1
Usp252	0.000424	0.9696	0.271	0.258	1 BAMs	Usp25
Tra2b1	0.00049	0.267409	0.272	0.388	1 BAMs	Tra2b
Fhit1	0.000513	0.923801	0.282	0.262	1 BAMs	Fhit
Prcp3	0.000555	0.281757	0.262	0.371	1 BAMs	Prcp
Prpf38b1	0.000558	0.316399	0.185	0.263	1 BAMs	Prpf38b
Arf42	0.000609	0.295512	0.325	0.456	1 BAMs	Arf4
Larp12	0.000639	0.944303	0.311	0.314	1 BAMs	Larp1
Mvb12b1	0.000647	0.714426	0.303	0.289	1 BAMs	Mvb12b
Pitpnc11	0.000652	0.638176	0.405	0.42	1 BAMs	Pitpnc1
Ubl31	0.000791	0.261365	0.302	0.429	1 BAMs	Ubl3
Myo1f3	0.000811	0.43646	0.556	0.63	1 BAMs	Myo1f
Mier11	0.000931	0.83311	0.296	0.288	1 BAMs	Mier1
Tmem1351	0.001131	0.543683	0.376	0.381	1 BAMs	Tmem135
Pnizr2	0.001166	0.745832	0.329	0.329	1 BAMs	Pnizr
Wac1	0.001297	0.72766	0.318	0.317	1 BAMs	Wac
St3gal63	0.001487	0.561453	0.507	0.547	1 BAMs	St3gal6
Apba11	0.001503	0.93138	0.308	0.303	1 BAMs	Apba1
Clint11	0.001613	0.587959	0.439	0.486	1 BAMs	Clint1
Pla2g4a1	0.001632	0.844907	0.262	0.246	1 BAMs	Pla2g4a
Khdrbs12	0.001635	0.289066	0.265	0.373	1 BAMs	Khdrbs1
Rlim2	0.001658	0.323175	0.182	0.255	1 BAMs	Rlim
Sh3gl12	0.001666	0.411224	0.202	0.283	1 BAMs	Sh3gl1
Brd1	0.001682	0.914688	0.26	0.249	1 BAMs	Brd1
Cd833	0.001694	0.664421	0.466	0.484	1 BAMs	Cd83
Blvrb3	0.001823	0.64816	0.318	0.315	1 BAMs	Blvrb
Cmss14	0.001838	0.262161	0.917	0.924	1 BAMs	Cmss1
Gnb14	0.001863	0.59111	0.441	0.492	1 BAMs	Gnb1
Pura2	0.001881	0.264595	0.245	0.339	1 BAMs	Pura
Plekhn21	0.001895	0.931326	0.284	0.278	1 BAMs	Plekhn2

Dync1i21	0.001962	0.312617	0.179	0.25	1 BAMs	Dync1i2
Lcp23	0.002032	0.73653	0.408	0.457	1 BAMs	Lcp2
Eif4a21	0.002055	0.286727	0.254	0.354	1 BAMs	Eif4a2
Kdm2a1	0.002063	0.845697	0.289	0.283	1 BAMs	Kdm2a
Epc1	0.002427	0.927297	0.252	0.24	1 BAMs	Epc1
mt-Nd31	0.002435	0.306261	0.191	0.261	1 BAMs	mt-Nd3
Ube2k3	0.002505	0.852966	0.285	0.283	1 BAMs	Ube2k
Slmap1	0.002679	0.722239	0.284	0.273	1 BAMs	Slmap
Actr34	0.002756	0.455779	0.507	0.56	1 BAMs	Actr3
Agpat31	0.003189	0.328838	0.192	0.265	1 BAMs	Agpat3
Sdccag81	0.003233	0.876637	0.269	0.26	1 BAMs	Sdccag8
Rbm261	0.00344	0.735969	0.304	0.302	1 BAMs	Rbm26
Trim441	0.003456	0.782112	0.258	0.244	1 BAMs	Trim44
Rasa32	0.003503	0.921261	0.275	0.27	1 BAMs	Rasa3
Abl12	0.003522	0.868293	0.267	0.257	1 BAMs	Abl1
Rapgef11	0.003783	0.722091	0.324	0.326	1 BAMs	Rapgef1
Hpgds2	0.003817	0.368781	0.567	0.622	1 BAMs	Hpgds
Snx61	0.00397	0.77742	0.372	0.397	1 BAMs	Snx6
Hnrnp1	0.004125	0.899073	0.296	0.3	1 BAMs	Hnrnp1
Il6ra2	0.004129	0.494101	0.446	0.486	1 BAMs	Il6ra
Atf7ip3	0.004777	0.866488	0.278	0.277	1 BAMs	Atf7ip
Cables11	0.004964	0.694691	0.257	0.242	1 BAMs	Cables1
Caprin1	0.005	0.369252	0.243	0.336	1 BAMs	Caprin1
Klf134	0.005301	0.805761	0.308	0.314	1 BAMs	Klf13
Btbd11	0.005988	0.989186	0.266	0.264	1 BAMs	Btbd1
Specc11	0.006081	0.537239	0.381	0.403	1 BAMs	Specc1
Zfp6441	0.00613	0.882618	0.28	0.278	1 BAMs	Zfp644
Prrc2c2	0.006194	0.719729	0.346	0.371	1 BAMs	Prrc2c
Sf12	0.006322	0.258784	0.245	0.331	1 BAMs	Sf1
Gpcpd12	0.006367	0.768973	0.26	0.254	1 BAMs	Gpcpd1
Zmynd112	0.00664	0.788824	0.286	0.286	1 BAMs	Zmynd11
Arglu12	0.006806	0.328601	0.27	0.364	1 BAMs	Arglu1
Dnajc72	0.007089	0.258163	0.276	0.371	1 BAMs	Dnajc7
Gpr1833	0.007531	0.850847	0.336	0.346	1 BAMs	Gpr183
Tab22	0.007595	0.696544	0.336	0.347	1 BAMs	Tab2
Elf11	0.007802	0.704413	0.35	0.369	1 BAMs	Elf1
Hps31	0.008116	0.757994	0.301	0.304	1 BAMs	Hps3
Max3	0.008352	0.394473	0.196	0.267	1 BAMs	Max
Snap232	0.008441	0.953213	0.254	0.253	1 BAMs	Snap23
Xist2	0.009107	0.868788	0.355	0.379	1 BAMs	Xist
Ptprm1	0.009547	0.934505	0.25	0.239	1 BAMs	Ptprm
Cttnbp2nl2	0.009606	0.590155	0.45	0.497	1 BAMs	Cttnbp2nl
Ccr7	0	12.00069	0.938	0.002	0 pDC	Ccr7
Traf11	0	7.00519	0.921	0.025	0 pDC	Traf1

Cacnb3	0	8.332469	0.889	0.007	0 pDC	Cacnb3
Cytip3	0	4.982244	0.916	0.079	0 pDC	Cytip
Spint21	0	5.365197	0.874	0.04	0 pDC	Spint2
Tmem1231	0	5.83133	0.965	0.142	0 pDC	Tmem123
Gadd45b	0	5.771062	0.847	0.046	0 pDC	Gadd45b
Serpinb6b	0	8.104553	0.8	0.015	0 pDC	Serpinb6b
Ccl53	0	6.168013	0.936	0.154	0 pDC	Ccl5
Lsp14	0	4.059873	0.975	0.201	0 pDC	Lsp1
Socs2	0	7.016438	0.787	0.018	0 pDC	Socs2
S100a114	0	2.458054	0.916	0.148	0 pDC	S100a11
Relb2	0	4.189778	0.931	0.164	0 pDC	Relb
Nudt17	0	10.11583	0.767	0.002	0 pDC	Nudt17
Marcksl13	0	4.322354	0.918	0.154	0 pDC	Marcksl1
Cnn24	0	3.993473	0.884	0.12	0 pDC	Cnn2
Il4i1	0	5.86989	0.807	0.048	0 pDC	Il4i1
Ccl221	0	9.774122	0.757	0.003	0 pDC	Ccl22
Plxnc11	0	5.07292	0.804	0.054	0 pDC	Plxnc1
Pcgf5	0	4.744227	0.839	0.089	0 pDC	Pcgf5
Myo1g3	0	4.021591	0.859	0.12	0 pDC	Myo1g
Mmp25	0	5.990591	0.762	0.023	0 pDC	Mmp25
Itga45	0	3.673716	0.844	0.108	0 pDC	Itga4
Serpinb9	0	5.656629	0.78	0.049	0 pDC	Serpinb9
Glipr21	0	5.492154	0.757	0.04	0 pDC	Glipr2
Gpr1321	0	5.303868	0.745	0.029	0 pDC	Gpr132
Mreg	0	9.672125	0.705	0.002	0 pDC	Mreg
Rabgap1l1	0	3.962648	0.804	0.102	0 pDC	Rabgap1l
Stat4	0	6.998916	0.71	0.012	0 pDC	Stat4
Strip2	0	6.494514	0.708	0.011	0 pDC	Strip2
Zmynd15	0	6.794406	0.733	0.037	0 pDC	Zmynd15
Bcl2a1d1	0	4.829076	0.755	0.061	0 pDC	Bcl2a1d
Id23	0	3.625082	0.876	0.185	0 pDC	Id2
Net11	0	6.54662	0.705	0.018	0 pDC	Net1
Samsn14	0	3.50042	0.923	0.242	0 pDC	Samsn1
Actn12	0	4.046476	0.748	0.069	0 pDC	Actn1
Clic45	0	3.409629	0.886	0.209	0 pDC	Clic4
Etv32	0	3.624507	0.824	0.149	0 pDC	Etv3
Cblb1	0	3.696622	0.785	0.113	0 pDC	Cblb
Dusp5	0	5.809523	0.691	0.019	0 pDC	Dusp5
Anxa24	0	3.146533	0.807	0.137	0 pDC	Anxa2
Ly75	0	6.780793	0.681	0.013	0 pDC	Ly75
Tbc1d42	0	4.0805	0.772	0.105	0 pDC	Tbc1d4
Adora2a	0	7.098614	0.671	0.006	0 pDC	Adora2a
Jak22	0	3.469607	0.809	0.144	0 pDC	Jak2
Bhlhe401	0	4.616508	0.696	0.042	0 pDC	Bhlhe40

Csrp11	0	4.259265	0.725	0.074	0 pDC	Csrp1
Cd2743	0	3.506096	0.782	0.132	0 pDC	Cd274
Flt31	0	5.331462	0.661	0.023	0 pDC	Flt3
Rftn15	0	3.26183	0.782	0.145	0 pDC	Rftn1
Birc2	0	3.485553	0.748	0.117	0 pDC	Birc2
4930523C	0	4.008892	0.673	0.052	0 pDC	4930523C07Rik
Tes1	0	3.494157	0.713	0.094	0 pDC	Tes
Gyg4	0	4.265666	0.762	0.15	0 pDC	Gyg
Il15ra1	0	3.499503	0.715	0.105	0 pDC	Il15ra
Bcl2l14	0	8.598353	0.616	0.007	0 pDC	Bcl2l14
Arl5c4	0	3.590161	0.745	0.136	0 pDC	Arl5c
Gnb4	0	6.688671	0.621	0.013	0 pDC	Gnb4
Tmtc2	0	4.769393	0.656	0.054	0 pDC	Tmtc2
Nfkb22	0	3.474434	0.705	0.105	0 pDC	Nfkb2
Pakap.1	0	6.143609	0.604	0.009	0 pDC	Pakap.1
Avpi11	0	5.03124	0.619	0.029	0 pDC	Avpi1
Nr4a3	0	6.210473	0.597	0.011	0 pDC	Nr4a3
Mxd11	0	3.186196	0.663	0.078	0 pDC	Mxd1
Ass12	0	4.00346	0.641	0.056	0 pDC	Ass1
Gypc	0	6.082794	0.587	0.011	0 pDC	Gypc
Cd403	0	4.441913	0.631	0.061	0 pDC	Cd40
Ramp3	0	9.92777	0.567	0.002	0 pDC	Ramp3
Zbtb461	0	4.227028	0.601	0.04	0 pDC	Zbtb46
Adam81	0	4.058204	0.604	0.044	0 pDC	Adam8
Ncoa71	0	4.022926	0.653	0.094	0 pDC	Ncoa7
Gm13546	0	12.39612	0.557	0	0 pDC	Gm13546
Nostrin	0	5.731279	0.579	0.025	0 pDC	Nostrin
Insl6	0	7.650396	0.559	0.006	0 pDC	Insl6
Sema7a	0	6.022855	0.559	0.008	0 pDC	Sema7a
Adcy6	0	6.391076	0.554	0.007	0 pDC	Adcy6
Pmaip11	0	3.869416	0.597	0.059	0 pDC	Pmaip1
Gramd31	0	4.169556	0.584	0.048	0 pDC	Gramd3
Ankrd33b	0	5.809859	0.54	0.009	0 pDC	Ankrd33b
Hmgn3	0	3.872783	0.567	0.04	0 pDC	Hmgn3
Cd200	0	6.639781	0.53	0.006	0 pDC	Cd200
Foxp4	0	4.60479	0.552	0.029	0 pDC	Foxp4
Sinhcaf	0	4.344486	0.545	0.03	0 pDC	Sinhcaf
Lrrc8c1	0	3.532217	0.572	0.061	0 pDC	Lrrc8c
Dpp41	0	4.658369	0.527	0.024	0 pDC	Dpp4
S100a43	0	3.528816	0.557	0.058	0 pDC	S100a4
P2ry10	0	6.278652	0.5	0.008	0 pDC	P2ry10
Ptger4	0	3.882826	0.525	0.042	0 pDC	Ptger4
Grasp	0	4.687052	0.502	0.025	0 pDC	Grasp
Poglut1	0	3.343936	0.532	0.06	0 pDC	Poglut1

Il12b	0	9.702406	0.473	0.002	0 pDC	Il12b
Adam19	0	4.258326	0.473	0.03	0 pDC	Adam19
Ccl17	0	6.799609	0.443	0.007	0 pDC	Ccl17
Slc22a23	0	5.322759	0.446	0.012	0 pDC	Slc22a23
Tmem150c	0	7.305987	0.421	0.002	0 pDC	Tmem150c
Adgrg6	0	6.812633	0.423	0.005	0 pDC	Adgrg6
Abtb2	0	4.332518	0.438	0.022	0 pDC	Abtb2
Slc4a8	0	5.609498	0.426	0.017	0 pDC	Slc4a8
Sh3bp4	0	3.822447	0.438	0.03	0 pDC	Sh3bp4
Adam23	0	5.416852	0.418	0.01	0 pDC	Adam23
Klrk11	0	3.928311	0.436	0.033	0 pDC	Klrk1
AA4671971	0	3.901109	0.423	0.023	0 pDC	AA467197
Papss2	0	5.62249	0.406	0.01	0 pDC	Papss2
Zfp3661	0	5.305611	0.403	0.011	0 pDC	Zfp366
Tnfrsf4	0	6.77839	0.396	0.005	0 pDC	Tnfrsf4
Arhgap28	0	6.789993	0.389	0.004	0 pDC	Arhgap28
Castor2	0	3.329357	0.418	0.037	0 pDC	Castor2
Apol7c	0	8.470086	0.381	0.004	0 pDC	Apol7c
Fas	0	4.058739	0.403	0.028	0 pDC	Fas
Gm47662	0	11.41583	0.369	0	0 pDC	Gm47662
Arpin	0	6.057913	0.374	0.006	0 pDC	Arpin
Tnfrsf18	0	5.451922	0.371	0.01	0 pDC	Tnfrsf18
Mir155hg	0	7.522668	0.361	0.002	0 pDC	Mir155hg
Tnip31	0	4.472967	0.374	0.018	0 pDC	Tnip3
Pdcd1lg2	0	5.273621	0.371	0.015	0 pDC	Pdcd1lg2
Slco5a1	0	9.42661	0.349	0.001	0 pDC	Slco5a1
Vopp1	0	3.967037	0.369	0.023	0 pDC	Vopp1
Gm10851	0	6.354544	0.344	0.005	0 pDC	Gm10851
Gm16685	0	7.82664	0.337	0.002	0 pDC	Gm16685
Nck2	0	4.468021	0.347	0.012	0 pDC	Nck2
Rgs121	0	3.327142	0.351	0.026	0 pDC	Rgs12
Lad1	0	10.44291	0.324	0	0 pDC	Lad1
Stx111	0	3.283373	0.351	0.028	0 pDC	Stx11
Mab2113	0	7.907053	0.322	0.003	0 pDC	Mab2113
Tnfrsf9	0	6.543285	0.317	0.003	0 pDC	Tnfrsf9
Nectin1	0	4.400328	0.319	0.013	0 pDC	Nectin1
Ndnf	0	5.826483	0.304	0.005	0 pDC	Ndnf
Stap2	0	6.730693	0.295	0.003	0 pDC	Stap2
Fam177a	0	5.157586	0.292	0.008	0 pDC	Fam177a
Arc	0	5.91739	0.285	0.003	0 pDC	Arc
Il2ra	0	5.694391	0.285	0.004	0 pDC	Il2ra
Dscaml1	0	6.196511	0.277	0.005	0 pDC	Dscaml1
Tm4sf5	0	7.90912	0.275	0.003	0 pDC	Tm4sf5
Vsig10	0	4.544494	0.282	0.01	0 pDC	Vsig10

Slc27a3	0	6.588198	0.272	0.006	0	pDC	Slc27a3
Synpo2	0	6.233474	0.262	0.003	0	pDC	Synpo2
Htr7	0	5.602968	0.265	0.007	0	pDC	Htr7
Hsh2d	0	4.41978	0.26	0.01	0	pDC	Hsh2d
Cx3cl1	0	4.703498	0.252	0.009	0	pDC	Cx3cl1
Gins3	0	4.02099	0.257	0.014	0	pDC	Gins3
Fgfbp3	0	5.185273	0.25	0.008	0	pDC	Fgfbp3
Tpm1	6.43E-305	3.04415	0.649	0.097	1.58E-300	pDC	Tpm1
Cpne22	2.69E-304	3.328965	0.498	0.057	6.58E-300	pDC	Cpne2
Fabp51	3.08E-303	3.859364	0.745	0.138	7.53E-299	pDC	Fabp5
Mthfd22	2.17E-299	3.200538	0.671	0.108	5.33E-295	pDC	Mthfd2
Slamf72	5.26E-299	2.962352	0.691	0.112	1.29E-294	pDC	Slamf7
Idi1	7.69E-299	3.949345	0.384	0.035	1.88E-294	pDC	Idi1
Aebp21	1.89E-297	2.91477	0.71	0.12	4.62E-293	pDC	Aebp2
Phlpp1	9.72E-296	3.178769	0.653	0.1	2.38E-291	pDC	Phlpp1
Tmem39a	4.34E-293	3.399098	0.629	0.097	1.06E-288	pDC	Tmem39a
Vim4	7.79E-291	3.221997	0.861	0.195	1.91E-286	pDC	Vim
Nabp1	5.37E-288	3.354093	0.416	0.042	1.32E-283	pDC	Nabp1
Dusp2	2.00E-286	3.237402	0.359	0.031	4.90E-282	pDC	Dusp2
Crip13	2.60E-283	2.82821	0.824	0.181	6.37E-279	pDC	Crip1
Eno31	1.78E-282	3.674228	0.381	0.036	4.36E-278	pDC	Eno3
Fscn12	2.59E-277	4.517619	0.928	0.347	6.33E-273	pDC	Fscn1
Gm159872	1.94E-272	3.082718	0.347	0.03	4.74E-268	pDC	Gm15987
Cbfa2t32	4.46E-272	2.949152	0.757	0.149	1.09E-267	pDC	Cbfa2t3
Fam49a3	1.90E-269	2.873926	0.743	0.145	4.66E-265	pDC	Fam49a
Cdc42ep32	3.75E-269	3.271914	0.51	0.067	9.19E-265	pDC	Cdc42ep3
Cxcl164	1.85E-268	2.873024	0.938	0.299	4.54E-264	pDC	Cxcl16
H2-M2	2.36E-264	3.815975	0.304	0.025	5.79E-260	pDC	H2-M2
Cdkn1a2	2.86E-263	3.168755	0.604	0.095	7.01E-259	pDC	Cdkn1a
AW112010	3.29E-263	3.583312	0.903	0.286	8.06E-259	pDC	AW112010
St8sia45	4.98E-263	2.924537	0.619	0.098	1.22E-258	pDC	St8sia4
Pim16	1.80E-262	2.693472	0.74	0.143	4.40E-258	pDC	Pim1
Pde4b4	1.84E-261	2.721831	0.884	0.23	4.51E-257	pDC	Pde4b
Mif4gd3	2.16E-258	3.064552	0.787	0.185	5.28E-254	pDC	Mif4gd
Plscr11	1.14E-255	3.579742	0.369	0.037	2.79E-251	pDC	Plscr1
Tagln23	3.96E-250	3.543391	0.814	0.212	9.70E-246	pDC	Tagln2
Lsr1	3.32E-247	3.399207	0.265	0.02	8.13E-243	pDC	Lsr
Tpm44	3.96E-246	2.662084	0.752	0.163	9.70E-242	pDC	Tpm4
Ift57	5.21E-244	3.057283	0.394	0.043	1.28E-239	pDC	Ift57
Rps27l5	3.82E-240	3.555235	0.913	0.357	9.36E-236	pDC	Rps27l
Psme25	6.53E-238	3.067007	0.965	0.519	1.60E-233	pDC	Psme2
Ccser2	1.59E-235	2.673067	0.468	0.061	3.89E-231	pDC	Ccser2
Mmd	3.58E-235	2.893023	0.48	0.066	8.76E-231	pDC	Mmd
Napsa3	8.03E-231	2.306528	0.493	0.067	1.97E-226	pDC	Napsa

Syng23	4.20E-230	3.019377	0.953	0.568	1.03E-225	pDC	Syng2
Bcl2a1a4	5.80E-230	2.942985	0.663	0.133	1.42E-225	pDC	Bcl2a1a
Calm16	2.31E-229	3.338434	0.98	0.592	5.65E-225	pDC	Calm1
Batf33	1.59E-227	2.769574	0.777	0.194	3.89E-223	pDC	Batf3
Pmvk1	1.61E-227	3.208021	0.562	0.096	3.94E-223	pDC	Pmvk
Mcemp12	3.47E-227	2.585096	0.431	0.054	8.49E-223	pDC	Mcemp1
Prnp	1.30E-226	2.995297	0.428	0.055	3.18E-222	pDC	Prnp
Rel3	1.22E-225	2.96347	0.876	0.287	3.00E-221	pDC	Rel
Rab11fip1	7.01E-224	3.000046	0.265	0.022	1.72E-219	pDC	Rab11fip1
Cd80	5.58E-220	3.339311	0.5	0.077	1.37E-215	pDC	Cd80
Sdhaf1	3.48E-218	2.710343	0.574	0.101	8.52E-214	pDC	Sdhaf1
Actg14	4.73E-216	2.944393	0.983	0.782	1.16E-211	pDC	Actg1
Crybg11	8.26E-215	3.042134	0.389	0.048	2.02E-210	pDC	Crybg1
Tuba1a3	9.32E-213	3.042244	0.819	0.248	2.28E-208	pDC	Tuba1a
Snhg15	9.87E-213	3.314128	0.351	0.04	2.42E-208	pDC	Snhg15
Rgs13	1.82E-212	2.917372	0.822	0.235	4.45E-208	pDC	Rgs1
Phf11a1	1.72E-210	3.560922	0.351	0.041	4.21E-206	pDC	Phf11a
Relt	2.48E-210	2.970374	0.342	0.038	6.08E-206	pDC	Relt
Btg14	4.81E-209	2.436213	0.96	0.528	1.18E-204	pDC	Btg1
Epsti14	8.58E-208	3.610504	0.918	0.411	2.10E-203	pDC	Epsti1
C13002612	6.06E-204	3.431556	0.27	0.025	1.48E-199	pDC	C130026121Rik
Got11	3.46E-203	3.014479	0.626	0.132	8.47E-199	pDC	Got1
Mob3a1	6.03E-203	2.606258	0.636	0.132	1.48E-198	pDC	Mob3a
Rap2b3	9.36E-203	2.880447	0.616	0.128	2.29E-198	pDC	Rap2b
Iscu1	4.16E-202	2.527902	0.936	0.468	1.02E-197	pDC	Iscu
Clec2d6	1.12E-197	2.48896	0.839	0.263	2.75E-193	pDC	Clec2d
Lactb1	4.99E-197	2.823712	0.728	0.193	1.22E-192	pDC	Lactb
Iqgap16	1.23E-196	2.067252	0.723	0.166	3.01E-192	pDC	Iqgap1
N4bp2l1	8.55E-195	2.580284	0.755	0.197	2.09E-190	pDC	N4bp2l1
Txndc175	6.86E-193	3.617543	0.842	0.309	1.68E-188	pDC	Txndc17
Kynu1	1.08E-192	2.943109	0.379	0.05	2.65E-188	pDC	Kynu
Fnbp1l	2.49E-192	2.477796	0.465	0.072	6.10E-188	pDC	Fnbp1l
Mrtfa5	1.84E-190	2.436682	0.809	0.23	4.50E-186	pDC	Mrtfa
Birc34	2.24E-190	2.401425	0.795	0.232	5.49E-186	pDC	Birc3
Tbc1d83	6.15E-190	2.636512	0.792	0.24	1.51E-185	pDC	Tbc1d8
Psme15	2.97E-189	2.226937	0.953	0.604	7.26E-185	pDC	Psme1
Nfil3	1.08E-188	3.390562	0.416	0.062	2.65E-184	pDC	Nfil3
Nr4a2	6.74E-188	3.985962	0.267	0.026	1.65E-183	pDC	Nr4a2
Rab213	8.62E-186	2.375662	0.792	0.233	2.11E-181	pDC	Rab21
Sepsecs	1.42E-185	2.753912	0.356	0.045	3.47E-181	pDC	Sepsecs
Tmsb4x5	3.66E-185	1.790485	0.988	0.968	8.97E-181	pDC	Tmsb4x
Rras21	1.74E-184	2.436147	0.446	0.068	4.26E-180	pDC	Rras2
Rasa2	2.05E-183	2.678802	0.5	0.088	5.02E-179	pDC	Rasa2
Fyn2	1.14E-182	2.400028	0.574	0.113	2.79E-178	pDC	Fyn

Rnf1151	2.58E-182	2.582568	0.765	0.223	6.31E-178	pDC	Rnf115
Rpsa5	9.61E-182	1.899932	0.978	0.834	2.35E-177	pDC	Rpsa
Gm12216	1.20E-180	2.987531	0.448	0.072	2.93E-176	pDC	Gm12216
Uap1	5.27E-179	3.127607	0.554	0.114	1.29E-174	pDC	Uap1
Tmsb103	5.80E-178	2.104221	0.975	0.637	1.42E-173	pDC	Tmsb10
Nfkbib4	1.10E-177	2.65133	0.691	0.179	2.70E-173	pDC	Nfkbib
Ctnna11	2.05E-177	2.466863	0.653	0.154	5.02E-173	pDC	Ctnna1
Casp3	4.75E-177	2.580182	0.522	0.099	1.16E-172	pDC	Casp3
CAA01147	9.58E-177	2.38222	0.894	0.401	2.35E-172	pDC	CAA01147332.1
Sub13	2.91E-176	2.383164	0.923	0.488	7.12E-172	pDC	Sub1
Dnajc12	3.54E-174	3.108842	0.282	0.031	8.67E-170	pDC	Dnajc12
S100a64	1.29E-173	0.824326	0.606	0.12	3.16E-169	pDC	S100a6
Actb5	1.80E-173	1.776298	0.993	0.958	4.41E-169	pDC	Actb
Smarce11	2.17E-173	2.649347	0.644	0.156	5.32E-169	pDC	Smarce1
Nuak2	2.33E-173	2.401181	0.562	0.114	5.70E-169	pDC	Nuak2
Rogdi3	3.60E-173	2.359022	0.879	0.371	8.82E-169	pDC	Rogdi
Sp1403	1.32E-172	2.925223	0.671	0.18	3.23E-168	pDC	Sp140
Rab91	2.69E-171	2.56739	0.569	0.121	6.60E-167	pDC	Rab9
Rps195	1.19E-170	1.773417	0.97	0.801	2.91E-166	pDC	Rps19
Atox14	1.55E-169	2.208531	0.95	0.593	3.80E-165	pDC	Atox1
H2afz4	3.33E-169	2.413233	0.938	0.573	8.16E-165	pDC	H2afz
Bcl2a1b3	6.28E-168	2.477802	0.889	0.439	1.54E-163	pDC	Bcl2a1b
Anxa44	1.58E-167	2.494304	0.624	0.151	3.88E-163	pDC	Anxa4
Gucd1	2.78E-167	2.633223	0.374	0.054	6.81E-163	pDC	Gucd1
Gpd2	7.75E-167	3.354234	0.371	0.055	1.90E-162	pDC	Gpd2
Ezh2	1.06E-166	2.729653	0.359	0.05	2.59E-162	pDC	Ezh2
Cd834	3.59E-166	1.890911	0.963	0.48	8.78E-162	pDC	Cd83
B4galnt13	9.30E-166	2.407914	0.661	0.17	2.28E-161	pDC	B4galnt1
Polr3c1	1.13E-165	2.412901	0.557	0.119	2.77E-161	pDC	Polr3c
Map3k141	1.75E-164	2.581364	0.644	0.159	4.28E-160	pDC	Map3k14
Spr2	8.59E-164	2.493848	0.562	0.124	2.10E-159	pDC	Spr
Ifi304	1.03E-163	2.3807	0.938	0.596	2.52E-159	pDC	Ifi30
Fam89a	2.01E-163	2.6886	0.332	0.044	4.93E-159	pDC	Fam89a
Cmc2	5.88E-163	3.139922	0.359	0.053	1.44E-158	pDC	Cmc2
Rbbp8	5.50E-161	2.491612	0.465	0.084	1.35E-156	pDC	Rbbp8
Pgap23	3.23E-158	2.333404	0.636	0.161	7.91E-154	pDC	Pgap2
Psemb85	3.35E-156	1.900432	0.941	0.601	8.20E-152	pDC	Psemb8
Shtn11	4.44E-156	2.493335	0.421	0.072	1.09E-151	pDC	Shtn1
Plaat35	6.61E-156	2.434363	0.703	0.207	1.62E-151	pDC	Plaat3
Cd476	4.36E-155	1.896233	0.918	0.459	1.07E-150	pDC	Cd47
Pfkfb3	4.68E-154	2.337115	0.75	0.241	1.15E-149	pDC	Pfkfb3
Sri5	2.00E-152	2.216561	0.817	0.321	4.90E-148	pDC	Sri
Ube2l63	4.37E-152	2.385255	0.626	0.163	1.07E-147	pDC	Ube2l6
Txn15	3.41E-151	2.301435	0.842	0.323	8.36E-147	pDC	Txn1

Srgn4	3.74E-151	2.288585	0.936	0.553	9.15E-147	pDC	Srgn
Il2rg6	5.50E-151	1.895101	0.75	0.219	1.35E-146	pDC	Il2rg
Tmem19	8.54E-151	2.553088	0.535	0.118	2.09E-146	pDC	Tmem19
Ssh1	1.54E-149	2.439273	0.401	0.067	3.78E-145	pDC	Ssh1
Vav36	2.11E-148	2.001046	0.438	0.078	5.16E-144	pDC	Vav3
Cers65	7.61E-148	2.3564	0.708	0.205	1.86E-143	pDC	Cers6
Swap702	5.85E-147	2.391158	0.644	0.174	1.43E-142	pDC	Swap70
Tspo7	9.30E-147	2.246688	0.891	0.449	2.28E-142	pDC	Tspo
Ric1	1.97E-146	2.337955	0.468	0.09	4.82E-142	pDC	Ric1
Tmem131l	2.69E-145	2.005004	0.71	0.204	6.59E-141	pDC	Tmem131l
Nfkbia6	8.19E-143	1.90005	0.923	0.488	2.00E-138	pDC	Nfkbia
Cd1d1	7.78E-142	3.526536	0.297	0.041	1.91E-137	pDC	Cd1d1
Klf65	1.20E-141	2.104349	0.851	0.369	2.94E-137	pDC	Klf6
Ehd13	1.80E-141	2.359978	0.502	0.107	4.40E-137	pDC	Ehd1
Traf6	4.63E-141	2.135616	0.537	0.121	1.13E-136	pDC	Traf6
Sema4a4	1.33E-140	2.29228	0.505	0.11	3.25E-136	pDC	Sema4a
Sumo24	5.33E-139	1.807753	0.918	0.511	1.30E-134	pDC	Sumo2
Adap12	1.80E-138	2.237533	0.577	0.145	4.40E-134	pDC	Adap1
Emd3	1.25E-137	2.163849	0.619	0.167	3.06E-133	pDC	Emd
Gramd1b	2.62E-137	2.88434	0.515	0.121	6.40E-133	pDC	Gramd1b
Mrpl144	8.82E-137	2.143794	0.693	0.219	2.16E-132	pDC	Mrpl14
Ifi2093	1.14E-135	2.087341	0.507	0.112	2.80E-131	pDC	Ifi209
Hivep1	6.18E-135	1.896806	0.54	0.124	1.51E-130	pDC	Hivep1
Arl5a	1.66E-134	2.237002	0.577	0.146	4.07E-130	pDC	Arl5a
Zfc3h11	3.98E-134	2.157497	0.693	0.215	9.74E-130	pDC	Zfc3h1
Tubb54	6.76E-133	2.111558	0.886	0.469	1.66E-128	pDC	Tubb5
Psmg43	2.52E-132	2.333721	0.624	0.179	6.16E-128	pDC	Psmg4
Chp11	2.37E-131	2.165831	0.574	0.147	5.81E-127	pDC	Chp1
2410006H1	8.71E-131	2.669442	0.894	0.487	2.13E-126	pDC	2410006H16Rik
Tank3	9.31E-131	2.019325	0.683	0.208	2.28E-126	pDC	Tank
Cacna1s	1.53E-129	2.797857	0.275	0.038	3.75E-125	pDC	Cacna1s
Gbp52	7.99E-129	2.086047	0.53	0.126	1.96E-124	pDC	Gbp5
Atl3	1.08E-128	1.93123	0.584	0.15	2.65E-124	pDC	Atl3
Runx32	1.78E-128	2.639429	0.307	0.047	4.36E-124	pDC	Runx3
Mvp5	1.60E-127	2.033045	0.639	0.188	3.91E-123	pDC	Mvp
Eif15	7.40E-127	1.266934	0.973	0.834	1.81E-122	pDC	Eif1
Htra2	7.44E-126	1.934487	0.673	0.205	1.82E-121	pDC	Htra2
Ccdc88a3	6.39E-125	2.066704	0.624	0.177	1.57E-120	pDC	Ccdc88a
Pafah1b32	1.79E-124	2.074331	0.559	0.143	4.39E-120	pDC	Pafah1b3
Psmb94	5.67E-124	1.729697	0.899	0.482	1.39E-119	pDC	Psmb9
Triobp1	5.91E-124	2.216359	0.431	0.09	1.45E-119	pDC	Triobp
Myl65	6.95E-124	1.685764	0.931	0.609	1.70E-119	pDC	Myl6
Polb1	3.03E-123	2.123342	0.567	0.15	7.41E-119	pDC	Polb
Nfkbie1	5.46E-122	2.100833	0.46	0.101	1.34E-117	pDC	Nfkbie

Pfn14	2.50E-121	1.395797	0.96	0.831	6.11E-117	pDC	Pfn1
H2-Q63	2.72E-121	1.819305	0.851	0.382	6.66E-117	pDC	H2-Q6
H2-Q74	3.32E-121	1.581069	0.946	0.482	8.14E-117	pDC	H2-Q7
Clec2i	4.42E-121	2.973803	0.25	0.034	1.08E-116	pDC	Clec2i
Tbrg11	8.40E-121	2.074955	0.45	0.098	2.06E-116	pDC	Tbrg1
Il152	8.95E-120	2.040991	0.636	0.187	2.19E-115	pDC	Il15
Hspa85	2.64E-119	1.52417	0.96	0.741	6.47E-115	pDC	Hspa8
Rpl196	6.28E-118	1.094254	0.975	0.89	1.54E-113	pDC	Rpl19
Med111	9.53E-118	2.219714	0.473	0.112	2.33E-113	pDC	Med11
Btf34	4.26E-116	1.445856	0.936	0.613	1.04E-111	pDC	Btf3
Gfpt1	5.50E-116	2.121589	0.522	0.134	1.35E-111	pDC	Gfpt1
Tapbpl2	1.81E-115	1.987363	0.609	0.178	4.44E-111	pDC	Tapbpl
Ppp1r15a3	2.02E-115	1.739581	0.634	0.189	4.94E-111	pDC	Ppp1r15a
Ccnd21	1.47E-114	3.054069	0.312	0.054	3.60E-110	pDC	Ccnd2
Lrrk13	1.68E-114	1.668371	0.861	0.384	4.10E-110	pDC	Lrrk1
Csf2rb5	2.78E-112	1.97048	0.708	0.256	6.81E-108	pDC	Csf2rb
Nav13	5.63E-112	1.980858	0.535	0.138	1.38E-107	pDC	Nav1
Ece11	2.54E-111	2.391132	0.334	0.061	6.23E-107	pDC	Ece1
Bcl31	5.49E-111	2.315354	0.401	0.086	1.34E-106	pDC	Bcl3
Rab8b2	5.94E-111	2.011518	0.822	0.38	1.45E-106	pDC	Rab8b
Csrnp1	6.50E-111	2.363351	0.27	0.041	1.59E-106	pDC	Csrnp1
Socs13	2.51E-110	2.039892	0.413	0.09	6.16E-106	pDC	Socs1
Rps246	5.80E-110	1.061071	0.99	0.929	1.42E-105	pDC	Rps24
Arhgap312	3.03E-109	2.204214	0.755	0.309	7.41E-105	pDC	Arhgap31
Irf13	8.18E-108	1.763389	0.802	0.328	2.00E-103	pDC	Irf1
Trim35	2.72E-107	1.714231	0.631	0.192	6.65E-103	pDC	Trim35
Castor1	1.59E-106	3.004225	0.292	0.051	3.89E-102	pDC	Castor1
Rpl95	2.00E-106	1.020069	0.975	0.876	4.89E-102	pDC	Rpl9
Hmga13	4.27E-106	2.147338	0.512	0.141	1.05E-101	pDC	Hmga1
Ppia5	1.11E-105	1.004904	0.968	0.881	2.71E-101	pDC	Ppia
Slc25a10	1.27E-105	2.304054	0.314	0.057	3.11E-101	pDC	Slc25a10
Rassf32	2.44E-105	1.797012	0.604	0.185	5.97E-101	pDC	Rassf3
Ppdpf3	4.93E-105	2.130728	0.55	0.163	1.21E-100	pDC	Ppdpf
Rpl276	5.39E-105	1.216232	0.955	0.777	1.32E-100	pDC	Rpl27
Ldlr1	1.27E-104	2.253023	0.329	0.061	3.10E-100	pDC	Ldlr
Grk32	1.60E-104	1.789986	0.525	0.14	3.92E-100	pDC	Grk3
Gas53	2.14E-104	2.04145	0.889	0.558	5.25E-100	pDC	Gas5
Stard7	3.38E-104	2.016698	0.366	0.075	8.28E-100	pDC	Stard7
Ikbkb3	4.66E-104	1.634413	0.693	0.237	1.14E-99	pDC	Ikbkb
Nap1114	4.79E-104	1.787987	0.658	0.227	1.17E-99	pDC	Nap11
Nub11	1.98E-103	1.671607	0.636	0.201	4.85E-99	pDC	Nub1
Phf11b3	2.97E-103	2.135353	0.542	0.159	7.28E-99	pDC	Phf11b
Samhd15	3.05E-103	1.466345	0.849	0.392	7.48E-99	pDC	Samhd1
Apobec32	3.20E-103	1.524247	0.866	0.428	7.83E-99	pDC	Apobec3

Fam129a4	3.29E-103	1.857314	0.545	0.154	8.06E-99	pDC	Fam129a
Fau5	5.05E-103	0.967503	0.985	0.94	1.24E-98	pDC	Fau
Hint31	5.44E-103	1.913378	0.448	0.109	1.33E-98	pDC	Hint3
Serpina3g2	5.86E-103	2.194593	0.295	0.051	1.43E-98	pDC	Serpina3g
Gbp25	1.07E-102	1.592128	0.639	0.201	2.62E-98	pDC	Gbp2
Dok11	7.98E-102	1.894149	0.611	0.202	1.96E-97	pDC	Dok1
Rpl245	6.06E-101	1.153925	0.958	0.79	1.48E-96	pDC	Rpl24
Tbc1d12	9.11E-101	1.940163	0.559	0.164	2.23E-96	pDC	Tbc1d1
Bcl7c3	1.77E-100	1.889435	0.507	0.139	4.32E-96	pDC	Bcl7c
Nup2101	2.07E-100	2.454631	0.252	0.04	5.07E-96	pDC	Nup210
Rpl345	3.53E-100	1.125359	0.978	0.844	8.64E-96	pDC	Rpl34
Mical3	1.18E-99	1.965547	0.329	0.063	2.90E-95	pDC	Mical3
Edf15	2.23E-99	1.494906	0.871	0.462	5.46E-95	pDC	Edf1
Inpp5b	3.48E-99	2.30452	0.354	0.074	8.52E-95	pDC	Inpp5b
Nt5c4	1.87E-98	1.809697	0.614	0.202	4.59E-94	pDC	Nt5c
Crem	2.62E-98	2.344767	0.265	0.044	6.42E-94	pDC	Crem
Erlin1	8.70E-98	2.064086	0.386	0.086	2.13E-93	pDC	Erlin1
Rbm172	1.79E-97	1.796437	0.569	0.177	4.38E-93	pDC	Rbm17
Mtmr4	7.06E-97	1.959322	0.314	0.059	1.73E-92	pDC	Mtmr4
Sh3bgrl36	7.42E-97	1.250558	0.943	0.749	1.82E-92	pDC	Sh3bgrl3
Srebf21	2.42E-96	1.786653	0.408	0.094	5.92E-92	pDC	Srebf2
Foxn21	3.35E-96	2.022706	0.433	0.109	8.21E-92	pDC	Foxn2
Fam32a3	1.15E-95	2.001654	0.609	0.211	2.83E-91	pDC	Fam32a
Mthfsl	2.48E-95	1.752424	0.567	0.178	6.08E-91	pDC	Mthfsl
Stat5a	3.12E-95	2.354011	0.285	0.051	7.64E-91	pDC	Stat5a
Atrnl13	4.63E-95	2.200376	0.399	0.093	1.13E-90	pDC	Atrnl1
Supt4a4	6.77E-95	1.648073	0.735	0.306	1.66E-90	pDC	Supt4a
B2m3	8.94E-95	0.948786	0.98	0.909	2.19E-90	pDC	B2m
Rpl185	2.18E-94	1.016011	0.963	0.839	5.34E-90	pDC	Rpl18
Zc3h12c	2.23E-94	2.593433	0.314	0.062	5.47E-90	pDC	Zc3h12c
Rrad	4.26E-94	2.518547	0.319	0.064	1.04E-89	pDC	Rrad
H3f3a5	4.52E-94	1.339133	0.921	0.673	1.11E-89	pDC	H3f3a
H2-K13	3.86E-93	0.989061	0.98	0.88	9.45E-89	pDC	H2-K1
Izumo4	7.16E-93	2.106604	0.347	0.074	1.75E-88	pDC	Izumo4
Lima1	1.79E-92	2.228877	0.406	0.1	4.39E-88	pDC	Lima1
Nup85	3.14E-92	2.005133	0.317	0.063	7.69E-88	pDC	Nup85
Tmem176a	9.12E-92	1.756901	0.819	0.448	2.23E-87	pDC	Tmem176a
Ktn1	9.80E-92	1.6728	0.624	0.209	2.40E-87	pDC	Ktn1
Icam13	1.27E-91	1.532432	0.782	0.342	3.10E-87	pDC	Icam1
Tbc1d15	2.65E-91	1.701402	0.478	0.13	6.49E-87	pDC	Tbc1d15
Prr5l1	1.50E-90	2.08126	0.371	0.086	3.68E-86	pDC	Prr5l
Ogfrl11	3.83E-90	1.778723	0.73	0.329	9.38E-86	pDC	Ogfrl1
Slc33a1	7.67E-90	1.943137	0.386	0.091	1.88E-85	pDC	Slc33a1
Tspan34	3.39E-89	2.095951	0.785	0.394	8.30E-85	pDC	Tspan3

Ddhd12	6.11E-89	1.847313	0.49	0.14	1.50E-84	pDC	Ddhd1
Rps275	1.43E-88	1.386722	0.958	0.783	3.51E-84	pDC	Rps27
Rpl175	4.99E-88	0.959273	0.963	0.84	1.22E-83	pDC	Rpl17
Spop4	6.08E-88	1.492808	0.79	0.359	1.49E-83	pDC	Spop
Tuba1c2	2.48E-87	2.117224	0.433	0.117	6.07E-83	pDC	Tuba1c
H2-Q44	4.59E-87	1.456521	0.849	0.44	1.12E-82	pDC	H2-Q4
Al6622702	8.55E-87	1.957475	0.297	0.058	2.09E-82	pDC	Al662270
Rps146	2.09E-86	0.996152	0.97	0.81	5.12E-82	pDC	Rps14
Stk43	4.37E-86	1.528292	0.71	0.289	1.07E-81	pDC	Stk4
Il7r	4.81E-86	1.788949	0.465	0.127	1.18E-81	pDC	Il7r
Sav1	1.06E-85	1.798244	0.411	0.105	2.59E-81	pDC	Sav1
Psip11	2.43E-85	1.640077	0.411	0.103	5.95E-81	pDC	Psip1
Cox174	1.26E-84	1.680249	0.748	0.348	3.10E-80	pDC	Cox17
Etv64	9.58E-84	1.351914	0.928	0.585	2.35E-79	pDC	Etv6
Dynll21	1.21E-83	1.729258	0.545	0.179	2.96E-79	pDC	Dynll2
Pkib3	1.90E-83	2.734958	0.542	0.201	4.64E-79	pDC	Pkib
Limd12	3.51E-83	1.920854	0.332	0.073	8.60E-79	pDC	Limd1
Rala1	5.08E-83	1.517842	0.705	0.286	1.24E-78	pDC	Rala
Rnaseh2b	5.12E-82	1.865491	0.361	0.087	1.25E-77	pDC	Rnaseh2b
Zfp36l14	1.25E-81	1.187601	0.938	0.632	3.06E-77	pDC	Zfp36l1
Rpl416	1.61E-81	0.96482	0.985	0.903	3.94E-77	pDC	Rpl41
Cd2bp2	3.33E-81	1.905308	0.324	0.072	8.14E-77	pDC	Cd2bp2
Zfp524	3.66E-81	2.160953	0.386	0.099	8.97E-77	pDC	Zfp524
St3gal12	4.26E-81	2.275965	0.295	0.062	1.04E-76	pDC	St3gal1
Nans1	4.35E-81	2.176689	0.418	0.117	1.07E-76	pDC	Nans
Rps55	5.28E-81	0.931779	0.973	0.853	1.29E-76	pDC	Rps5
Rps95	8.77E-81	0.867201	0.98	0.912	2.15E-76	pDC	Rps9
Ubb6	1.53E-80	0.929666	0.975	0.866	3.75E-76	pDC	Ubb
Anxa55	2.36E-80	1.313111	0.73	0.304	5.77E-76	pDC	Anxa5
Nsmce11	3.53E-80	1.759393	0.463	0.135	8.65E-76	pDC	Nsmce1
Npc25	4.36E-80	1.34782	0.96	0.811	1.07E-75	pDC	Npc2
Tapbp4	1.12E-79	1.268487	0.869	0.502	2.74E-75	pDC	Tapbp
Pde4d2	1.95E-79	2.164503	0.493	0.154	4.78E-75	pDC	Pde4d
Myl12a5	3.05E-79	1.464655	0.817	0.453	7.47E-75	pDC	Myl12a
Alkbh6	2.02E-78	1.861594	0.438	0.127	4.94E-74	pDC	Alkbh6
Rpl395	1.81E-77	1.14379	0.95	0.822	4.43E-73	pDC	Rpl39
Zmiz22	2.05E-76	1.606508	0.455	0.135	5.03E-72	pDC	Zmiz2
Psme2b	2.21E-76	2.162155	0.252	0.049	5.41E-72	pDC	Psme2b
Bex31	5.74E-76	1.592061	0.391	0.104	1.40E-71	pDC	Bex3
Coro2a1	7.96E-76	1.816105	0.46	0.139	1.95E-71	pDC	Coro2a
Hat11	8.11E-76	1.6957	0.428	0.122	1.99E-71	pDC	Hat1
Fdps1	8.30E-76	2.122831	0.361	0.094	2.03E-71	pDC	Fdps
Rpl27a5	9.28E-76	0.882621	0.97	0.89	2.27E-71	pDC	Rpl27a
Bri3bp2	1.43E-75	1.649655	0.438	0.127	3.50E-71	pDC	Bri3bp

Cox5a5	1.45E-75	1.35116	0.839	0.463	3.55E-71 pDC	Cox5a
Malt12	3.11E-75	2.066971	0.46	0.141	7.61E-71 pDC	Malt1
Rpl18a5	1.04E-74	0.839012	0.975	0.901	2.54E-70 pDC	Rpl18a
Cyp51	1.37E-74	2.071018	0.262	0.053	3.36E-70 pDC	Cyp51
Tmem1344	2.21E-74	1.462377	0.639	0.254	5.41E-70 pDC	Tmem134
Chchd25	6.63E-74	1.437293	0.76	0.373	1.62E-69 pDC	Chchd2
Trps15	8.14E-74	1.324089	0.517	0.167	1.99E-69 pDC	Trps1
Fdft1	1.15E-73	2.189315	0.267	0.056	2.81E-69 pDC	Fdft1
Serf26	2.04E-73	0.952563	0.953	0.76	4.99E-69 pDC	Serf2
Pfdn56	4.11E-73	1.021683	0.928	0.691	1.01E-68 pDC	Pfdn5
Psemb105	1.03E-72	1.256714	0.79	0.382	2.53E-68 pDC	Psemb10
Uvrag4	1.74E-72	1.339565	0.842	0.444	4.26E-68 pDC	Uvrag
Prr14	2.59E-72	1.648294	0.423	0.123	6.35E-68 pDC	Prr14
Eif3f5	6.08E-72	1.149456	0.894	0.589	1.49E-67 pDC	Eif3f
Thap2	8.65E-72	1.79887	0.262	0.054	2.12E-67 pDC	Thap2
Rnf157	1.06E-71	2.099042	0.307	0.072	2.58E-67 pDC	Rnf157
Gtpbp41	3.57E-71	1.782694	0.465	0.151	8.74E-67 pDC	Gtpbp4
Rpl7a4	3.59E-71	0.933111	0.963	0.766	8.80E-67 pDC	Rpl7a
Rplp05	9.66E-71	0.949219	0.953	0.842	2.37E-66 pDC	Rplp0
Gga2	1.23E-70	2.12966	0.309	0.075	3.01E-66 pDC	Gga2
Ostf14	1.87E-70	1.364813	0.837	0.495	4.57E-66 pDC	Ostf1
Scand15	1.96E-70	1.361231	0.802	0.416	4.80E-66 pDC	Scand1
Mfhas1	2.65E-70	1.447817	0.423	0.121	6.48E-66 pDC	Mfhas1
Map4k41	3.22E-70	1.566783	0.819	0.491	7.88E-66 pDC	Map4k4
Slc44a1	4.69E-70	1.712033	0.349	0.09	1.15E-65 pDC	Slc44a1
Asl	9.25E-70	1.94687	0.304	0.073	2.27E-65 pDC	Asl
Rbpms1	1.01E-69	1.439324	0.458	0.142	2.48E-65 pDC	Rbpms
Snrpe4	1.69E-69	1.505817	0.733	0.352	4.15E-65 pDC	Snrpe
Scpep14	2.37E-69	1.383945	0.762	0.375	5.80E-65 pDC	Scpep1
Hax11	3.25E-69	1.788331	0.421	0.127	7.95E-65 pDC	Hax1
Rhog2	5.83E-69	1.137872	0.903	0.632	1.43E-64 pDC	Rhog
Ciao2b3	9.17E-69	1.404557	0.616	0.243	2.25E-64 pDC	Ciao2b
Arpp192	1.50E-68	1.398561	0.688	0.315	3.68E-64 pDC	Arpp19
Dusp113	1.95E-68	1.341334	0.606	0.233	4.78E-64 pDC	Dusp11
Ptpn22	2.07E-68	1.404971	0.465	0.146	5.06E-64 pDC	Ptpn2
Rps15a6	2.68E-68	0.854168	0.965	0.857	6.57E-64 pDC	Rps15a
Tspan332	1.04E-67	1.493678	0.47	0.152	2.55E-63 pDC	Tspan33
Auh	1.47E-67	1.749792	0.416	0.125	3.61E-63 pDC	Auh
Ccdc6	1.08E-66	1.628025	0.327	0.082	2.64E-62 pDC	Ccdc6
Zfand62	2.03E-66	1.400153	0.686	0.303	4.97E-62 pDC	Zfand6
Arf43	4.24E-66	1.241632	0.814	0.451	1.04E-61 pDC	Arf4
Rpl115	4.93E-66	0.747619	0.965	0.877	1.21E-61 pDC	Rpl11
Stat32	5.10E-66	1.332962	0.76	0.378	1.25E-61 pDC	Stat3
Rab8a4	6.35E-66	1.405117	0.552	0.204	1.56E-61 pDC	Rab8a

Psm75	7.29E-66	1.208633	0.78	0.413	1.79E-61	pDC	Psm7
Gpbp1	9.91E-66	1.350528	0.53	0.189	2.43E-61	pDC	Gpbp1
Nsmce3	1.55E-65	1.907782	0.438	0.142	3.79E-61	pDC	Nsmce3
C9orf72	2.23E-65	1.547236	0.458	0.148	5.46E-61	pDC	C9orf72
Itgb12	4.91E-65	1.232931	0.797	0.438	1.20E-60	pDC	Itgb1
Rtraf5	2.34E-64	1.203423	0.795	0.419	5.74E-60	pDC	Rtraf
Rps75	3.94E-64	0.787948	0.97	0.867	9.65E-60	pDC	Rps7
Abrac14	4.27E-64	1.484945	0.649	0.29	1.04E-59	pDC	Abrac1
Rps116	4.53E-64	0.753251	0.968	0.896	1.11E-59	pDC	Rps11
Med102	4.97E-64	1.577845	0.465	0.156	1.22E-59	pDC	Med10
Arpc36	8.35E-64	0.989467	0.891	0.641	2.04E-59	pDC	Arpc3
Taf105	1.80E-63	1.204243	0.752	0.366	4.41E-59	pDC	Taf10
Epb411	2.12E-63	1.572203	0.55	0.208	5.19E-59	pDC	Epb41
Fmnl24	2.24E-63	1.268846	0.686	0.301	5.48E-59	pDC	Fmnl2
Snhg14	2.85E-63	1.975774	0.443	0.153	6.97E-59	pDC	Snhg1
lfrd1	4.22E-63	1.65964	0.52	0.188	1.03E-58	pDC	lfrd1
Gnai31	4.50E-63	1.407732	0.478	0.161	1.10E-58	pDC	Gnai3
Mar-52	5.48E-63	1.427135	0.589	0.242	1.34E-58	pDC	5-Mar
Agap1	5.68E-63	1.909271	0.354	0.098	1.39E-58	pDC	Agap1
Arpc55	1.76E-62	1.1219	0.804	0.43	4.30E-58	pDC	Arpc5
Rps135	2.03E-62	0.804891	0.958	0.85	4.97E-58	pDC	Rps13
Atp6v0e4	2.60E-62	1.081773	0.889	0.563	6.37E-58	pDC	Atp6v0e
Nfe2l1	4.43E-62	1.338148	0.399	0.12	1.08E-57	pDC	Nfe2l1
Tbca4	7.35E-62	1.089123	0.804	0.426	1.80E-57	pDC	Tbca
Rps165	9.58E-62	0.742834	0.978	0.882	2.35E-57	pDC	Rps16
Nudt93	1.10E-61	1.972674	0.584	0.264	2.70E-57	pDC	Nudt9
Dnajc10	1.25E-61	1.435275	0.411	0.127	3.06E-57	pDC	Dnajc10
Kbtbd3	1.89E-61	1.961691	0.29	0.072	4.63E-57	pDC	Kbtbd3
Tubb2b	3.98E-61	2.510354	0.307	0.081	9.76E-57	pDC	Tubb2b
Crtc2	5.54E-61	1.595624	0.351	0.099	1.36E-56	pDC	Crtc2
Tap13	6.07E-61	1.20464	0.762	0.389	1.49E-56	pDC	Tap1
Rnf1811	1.31E-60	1.407307	0.438	0.143	3.21E-56	pDC	Rnf181
Ppp4r2	1.56E-60	1.464201	0.465	0.16	3.82E-56	pDC	Ppp4r2
Atp5l6	2.56E-60	0.977342	0.891	0.568	6.26E-56	pDC	Atp5l
Kxd14	5.69E-60	1.385006	0.589	0.244	1.39E-55	pDC	Kxd1
Dek6	5.70E-60	1.368609	0.599	0.253	1.39E-55	pDC	Dek
Rbm35	6.44E-60	1.082239	0.839	0.536	1.58E-55	pDC	Rbm3
Tomm75	8.07E-60	1.218653	0.748	0.386	1.98E-55	pDC	Tomm7
Mrpl544	1.40E-59	1.268103	0.525	0.195	3.42E-55	pDC	Mrpl54
Peak12	1.62E-59	1.195726	0.458	0.15	3.96E-55	pDC	Peak1
Ap1g2	1.66E-59	1.692144	0.267	0.063	4.06E-55	pDC	Ap1g2
Cfl16	1.96E-59	0.871006	0.948	0.764	4.81E-55	pDC	Cfl1
Rps218	2.45E-59	0.790127	0.97	0.817	5.99E-55	pDC	Rps2
Snn2	2.87E-59	1.454279	0.527	0.203	7.03E-55	pDC	Snn

Tuba1b2	3.02E-59	1.358679	0.71	0.368	7.39E-55 pDC	Tuba1b
Arhgap11	3.08E-59	1.487008	0.386	0.118	7.54E-55 pDC	Arhgap1
Rplp25	3.47E-59	0.873671	0.946	0.802	8.51E-55 pDC	Rplp2
Mllt6	3.84E-59	1.648478	0.28	0.068	9.41E-55 pDC	Mllt6
Zfas14	7.65E-59	1.679079	0.502	0.191	1.87E-54 pDC	Zfas1
Alcam2	1.07E-58	1.678175	0.287	0.072	2.61E-54 pDC	Alcam
Traf2	1.64E-58	1.580099	0.295	0.075	4.01E-54 pDC	Traf2
Hmgcr	6.32E-58	1.846121	0.27	0.067	1.55E-53 pDC	Hmgcr
Slc2a6	7.10E-58	1.822521	0.257	0.061	1.74E-53 pDC	Slc2a6
Rpl386	2.28E-57	1.053546	0.923	0.702	5.58E-53 pDC	Rpl38
Ggta11	2.42E-57	1.326429	0.532	0.201	5.92E-53 pDC	Ggta1
Pde6d	2.42E-57	1.396538	0.371	0.112	5.93E-53 pDC	Pde6d
Kdm4a	1.03E-56	1.913567	0.339	0.1	2.51E-52 pDC	Kdm4a
Hsp90ab15	2.55E-56	0.940423	0.933	0.741	6.25E-52 pDC	Hsp90ab1
Rps105	3.99E-56	0.649919	0.975	0.892	9.78E-52 pDC	Rps10
Arhgef402	3.99E-56	1.158467	0.505	0.179	9.78E-52 pDC	Arhgef40
Basp13	5.44E-56	0.966466	0.931	0.687	1.33E-51 pDC	Basp1
Borcs81	1.02E-55	1.615969	0.337	0.099	2.51E-51 pDC	Borcs8
Riok33	1.08E-55	1.222158	0.567	0.228	2.65E-51 pDC	Riok3
Tma73	1.31E-55	1.021871	0.78	0.407	3.21E-51 pDC	Tma7
Sec61b5	1.32E-55	1.180383	0.804	0.464	3.23E-51 pDC	Sec61b
Tpt16	3.06E-55	0.710438	0.97	0.897	7.50E-51 pDC	Tpt1
Sqstm12	4.18E-55	1.213162	0.832	0.514	1.02E-50 pDC	Sqstm1
Apool	6.56E-55	1.470946	0.28	0.072	1.61E-50 pDC	Apool
Mdfic4	1.40E-54	1.524551	0.354	0.108	3.42E-50 pDC	Mdfic
Lmnb12	3.75E-54	1.726112	0.287	0.077	9.18E-50 pDC	Lmnb1
St3gal32	4.82E-54	1.242575	0.532	0.205	1.18E-49 pDC	St3gal3
Ezr4	5.18E-54	1.248035	0.332	0.095	1.27E-49 pDC	Ezr
Stxbp3	7.34E-54	1.360886	0.448	0.156	1.80E-49 pDC	Stxbp3
Nae1	8.95E-54	1.573863	0.334	0.098	2.19E-49 pDC	Nae1
Brk14	1.02E-53	1.094357	0.817	0.486	2.49E-49 pDC	Brk1
Rpl226	1.70E-53	0.864492	0.923	0.748	4.17E-49 pDC	Rpl22
Sik33	1.82E-53	1.452268	0.52	0.202	4.46E-49 pDC	Sik3
Pus10	1.92E-53	1.328058	0.309	0.086	4.70E-49 pDC	Pus10
Tmem176b	3.22E-53	1.113002	0.859	0.628	7.88E-49 pDC	Tmem176b
Prr134	4.69E-53	0.989931	0.691	0.334	1.15E-48 pDC	Prr13
H2afv4	4.73E-53	1.150212	0.584	0.246	1.16E-48 pDC	H2afv
Eif1ax2	6.66E-53	1.485629	0.389	0.13	1.63E-48 pDC	Eif1ax
Rpl366	7.52E-53	0.885551	0.943	0.794	1.84E-48 pDC	Rpl36
Actr35	9.60E-53	0.984075	0.854	0.557	2.35E-48 pDC	Actr3
Tnfaip33	1.36E-52	1.004742	0.53	0.204	3.32E-48 pDC	Tnfaip3
Gtpbp1	1.68E-52	1.233523	0.366	0.113	4.12E-48 pDC	Gtpbp1
Sh3bgrl5	1.70E-52	1.187683	0.406	0.135	4.17E-48 pDC	Sh3bgrl
Ube2i2	2.85E-52	1.054579	0.77	0.423	6.99E-48 pDC	Ube2i

Trafd13	3.27E-52	1.077618	0.735	0.368	8.00E-48	pDC	Trafd1
Rps235	3.44E-52	0.714632	0.968	0.855	8.43E-48	pDC	Rps23
Hspb111	3.61E-52	1.857994	0.285	0.078	8.84E-48	pDC	Hspb11
Rap2a1	6.81E-52	1.239644	0.621	0.285	1.67E-47	pDC	Rap2a
Nlrc53	7.37E-52	1.223066	0.572	0.24	1.80E-47	pDC	Nlrc5
Sugt11	1.64E-51	1.234846	0.522	0.209	4.01E-47	pDC	Sugt1
Psma25	2.08E-51	1.101383	0.71	0.357	5.08E-47	pDC	Psma2
Dnajc82	2.22E-51	1.237782	0.584	0.258	5.44E-47	pDC	Dnajc8
Dazap25	2.66E-51	0.955166	0.804	0.454	6.51E-47	pDC	Dazap2
Nol73	3.13E-51	1.255109	0.587	0.26	7.67E-47	pDC	Nol7
Ghitm2	3.33E-51	1.15556	0.661	0.315	8.15E-47	pDC	Ghitm
Myadm2	3.36E-51	1.276301	0.522	0.21	8.24E-47	pDC	Myadm
Rpl236	3.52E-51	0.646431	0.97	0.882	8.63E-47	pDC	Rpl23
Arf54	4.71E-51	1.058437	0.797	0.482	1.15E-46	pDC	Arf5
Pirb5	6.91E-51	1.237704	0.431	0.153	1.69E-46	pDC	Pirb
Tmem1282	1.16E-50	1.188767	0.619	0.283	2.85E-46	pDC	Tmem128
Tnip1	1.62E-50	1.451637	0.361	0.116	3.96E-46	pDC	Tnip1
Enox22	1.70E-50	1.288313	0.448	0.163	4.17E-46	pDC	Enox2
Ubl56	2.41E-50	0.976167	0.819	0.483	5.90E-46	pDC	Ubl5
Npm14	2.95E-50	0.982745	0.869	0.547	7.23E-46	pDC	Npm1
Sec61g5	5.77E-50	1.094254	0.792	0.435	1.41E-45	pDC	Sec61g
Rps205	7.50E-50	0.722881	0.973	0.881	1.84E-45	pDC	Rps20
Ptcd21	1.30E-49	1.555539	0.3	0.087	3.19E-45	pDC	Ptcd2
Lsm52	1.44E-49	1.349356	0.386	0.13	3.52E-45	pDC	Lsm5
Cox5b6	1.72E-49	0.893655	0.861	0.545	4.22E-45	pDC	Cox5b
Ptma4	1.72E-49	0.8895	0.916	0.727	4.22E-45	pDC	Ptma
Appl1	1.86E-49	1.150393	0.351	0.11	4.57E-45	pDC	Appl1
Neat15	2.58E-49	0.788128	0.656	0.297	6.32E-45	pDC	Neat1
Akt32	2.81E-49	1.123533	0.493	0.184	6.89E-45	pDC	Akt3
Eif3m5	3.08E-49	1.174922	0.616	0.282	7.53E-45	pDC	Eif3m
Usp183	4.10E-49	1.094942	0.342	0.106	1.00E-44	pDC	Usp18
Cyth12	4.42E-49	1.029008	0.443	0.159	1.08E-44	pDC	Cyth1
Wdr14	9.24E-49	1.12075	0.71	0.365	2.26E-44	pDC	Wdr1
Il21r4	9.48E-49	1.150233	0.72	0.377	2.32E-44	pDC	Il21r
Fnbp13	1.10E-48	1.324941	0.72	0.397	2.69E-44	pDC	Fnbp1
Gabarap5	1.77E-48	0.818124	0.921	0.676	4.34E-44	pDC	Gabarap
Gpcpd13	1.83E-48	1.143519	0.582	0.251	4.48E-44	pDC	Gpcpd1
Ptms4	2.36E-48	0.941562	0.827	0.523	5.78E-44	pDC	Ptms
Lpp2	2.89E-48	1.040649	0.634	0.286	7.07E-44	pDC	Lpp
Atp5g25	2.90E-48	0.795145	0.928	0.688	7.09E-44	pDC	Atp5g2
Cdc374	3.14E-48	1.095958	0.671	0.325	7.70E-44	pDC	Cdc37
Mrpl45	3.47E-48	1.530901	0.297	0.087	8.51E-44	pDC	Mrpl45
Jpt14	4.70E-48	1.214009	0.693	0.359	1.15E-43	pDC	Jpt1
Anp32b4	7.55E-48	1.111989	0.621	0.288	1.85E-43	pDC	Anp32b

Csnk2b5	7.69E-48	1.096286	0.676	0.337	1.88E-43	pDC	Csnk2b
Eif4b5	9.32E-48	1.174964	0.614	0.286	2.28E-43	pDC	Eif4b
Eif3e4	1.69E-47	1.089212	0.639	0.306	4.13E-43	pDC	Eif3e
Mpnd1	2.10E-47	1.224997	0.347	0.112	5.13E-43	pDC	Mpnd
Plekhb2	2.43E-47	1.28492	0.396	0.14	5.94E-43	pDC	Plekhb2
Tnfaip85	2.69E-47	1.154673	0.646	0.325	6.60E-43	pDC	Tnfaip8
Eloc2	4.11E-47	1.037954	0.624	0.294	1.01E-42	pDC	Eloc
Hmg20b	4.19E-47	1.213733	0.455	0.174	1.03E-42	pDC	Hmg20b
Sbds1	5.70E-47	1.149949	0.498	0.201	1.40E-42	pDC	Sbds
Mknk22	6.82E-47	1.272101	0.396	0.139	1.67E-42	pDC	Mknk2
Pigyl	8.38E-47	1.224285	0.366	0.122	2.05E-42	pDC	Pigyl
Pgls4	9.03E-47	1.080954	0.708	0.377	2.21E-42	pDC	Pgls
Eps153	9.34E-47	1.064643	0.554	0.235	2.29E-42	pDC	Eps15
Tmpo4	1.61E-46	1.358495	0.438	0.167	3.93E-42	pDC	Tmpo
Pnrc11	1.70E-46	0.923379	0.817	0.498	4.17E-42	pDC	Pnrc1
Ubxn15	2.21E-46	1.008486	0.72	0.387	5.42E-42	pDC	Ubxn1
Banf15	2.80E-46	1.145359	0.589	0.269	6.86E-42	pDC	Banf1
Selenow7	2.92E-46	0.860875	0.817	0.461	7.16E-42	pDC	Selenow
Rbm424	5.36E-46	1.061559	0.579	0.254	1.31E-41	pDC	Rbm42
Calm35	6.18E-46	1.030191	0.671	0.333	1.51E-41	pDC	Calm3
Fam107b3	7.13E-46	1.183132	0.416	0.151	1.75E-41	pDC	Fam107b
Tbcb3	7.31E-46	1.086145	0.582	0.263	1.79E-41	pDC	Tbcb
Cdyl2	7.96E-46	1.306867	0.307	0.092	1.95E-41	pDC	Cdyl2
Gosr21	8.50E-46	1.207378	0.391	0.139	2.08E-41	pDC	Gosr2
Tax1bp32	9.87E-46	1.260186	0.416	0.153	2.42E-41	pDC	Tax1bp3
Vhl	1.07E-45	1.359401	0.327	0.105	2.61E-41	pDC	Vhl
Isy1	2.17E-45	1.496979	0.295	0.089	5.32E-41	pDC	Isy1
Rpl135	2.40E-45	0.581218	0.978	0.92	5.87E-41	pDC	Rpl13
Gnb15	2.46E-45	0.827208	0.804	0.488	6.03E-41	pDC	Gnb1
Csf2rb23	3.76E-45	1.502828	0.399	0.149	9.22E-41	pDC	Csf2rb2
Tctex1d22	4.19E-45	1.597749	0.403	0.153	1.03E-40	pDC	Tctex1d2
Pex13	4.58E-45	1.03381	0.401	0.142	1.12E-40	pDC	Pex13
Paxbp11	5.31E-45	1.142876	0.396	0.14	1.30E-40	pDC	Paxbp1
Tle55	8.00E-45	0.968584	0.735	0.405	1.96E-40	pDC	Tle5
Bloc1s22	8.84E-45	1.169027	0.413	0.152	2.16E-40	pDC	Bloc1s2
Ifitm25	8.91E-45	0.670592	0.517	0.209	2.18E-40	pDC	Ifitm2
Cox7c4	1.11E-44	0.990176	0.834	0.575	2.71E-40	pDC	Cox7c
Rpl304	1.28E-44	0.632924	0.963	0.898	3.14E-40	pDC	Rpl30
Gpr652	1.67E-44	1.620562	0.29	0.089	4.10E-40	pDC	Gpr65
Elob7	2.66E-44	0.88259	0.834	0.525	6.52E-40	pDC	Elob
Gsto13	3.52E-44	1.331434	0.384	0.14	8.61E-40	pDC	Gsto1
Uba525	4.56E-44	1.029186	0.772	0.46	1.12E-39	pDC	Uba52
Polr1d4	5.17E-44	0.984334	0.752	0.423	1.27E-39	pDC	Polr1d
Sem15	5.62E-44	0.786131	0.844	0.552	1.38E-39	pDC	Sem1

Got22	9.68E-44	1.247385	0.384	0.138	2.37E-39	pDC	Got2
Psma55	1.09E-43	1.067949	0.626	0.308	2.67E-39	pDC	Psma5
Rps266	1.48E-43	0.776304	0.943	0.822	3.62E-39	pDC	Rps26
Oaz16	2.41E-43	0.738724	0.918	0.722	5.90E-39	pDC	Oaz1
Pfkp2	4.41E-43	1.396873	0.255	0.072	1.08E-38	pDC	Pfkp
Eef1a14	5.68E-43	0.539898	0.99	0.944	1.39E-38	pDC	Eef1a1
Anxa33	7.33E-43	0.998968	0.849	0.597	1.79E-38	pDC	Anxa3
Eml6	9.26E-43	1.229461	0.411	0.152	2.27E-38	pDC	Eml6
Gbp83	1.18E-42	1.187128	0.334	0.111	2.90E-38	pDC	Gbp8
Mtf1	1.50E-42	1.575118	0.267	0.079	3.68E-38	pDC	Mtf1
Cfdp11	1.73E-42	0.980605	0.485	0.199	4.23E-38	pDC	Cfdp1
Bmt2	2.17E-42	1.221706	0.463	0.187	5.31E-38	pDC	Bmt2
Fxyd54	2.41E-42	0.404495	0.649	0.293	5.91E-38	pDC	Fxyd5
Sumo14	3.53E-42	0.914423	0.653	0.325	8.65E-38	pDC	Sumo1
Gm118085	3.77E-42	0.957579	0.636	0.306	9.22E-38	pDC	Gm11808
Rras4	5.62E-42	1.09909	0.389	0.142	1.38E-37	pDC	Rras
Tubb2a3	5.76E-42	1.307028	0.545	0.256	1.41E-37	pDC	Tubb2a
Gbp41	6.51E-42	1.425844	0.262	0.077	1.59E-37	pDC	Gbp4
Parp4	6.55E-42	1.456459	0.324	0.108	1.60E-37	pDC	Parp4
Nop533	6.80E-42	1.192914	0.46	0.187	1.66E-37	pDC	Nop53
Eif3g3	1.15E-41	1.187024	0.448	0.184	2.81E-37	pDC	Eif3g
Vdac33	1.38E-41	0.943945	0.55	0.245	3.39E-37	pDC	Vdac3
Umad1	1.97E-41	1.243382	0.381	0.14	4.83E-37	pDC	Umad1
Atp5e5	2.83E-41	0.79077	0.896	0.651	6.93E-37	pDC	Atp5e
1110038F1	2.99E-41	1.489846	0.334	0.117	7.31E-37	pDC	1110038F14Rik
Uqcrh6	4.57E-41	0.871061	0.859	0.599	1.12E-36	pDC	Uqcrh
Slc25a35	5.56E-41	0.834708	0.869	0.612	1.36E-36	pDC	Slc25a3
Myh94	5.78E-41	0.925653	0.866	0.586	1.42E-36	pDC	Myh9
Rpl375	6.30E-41	0.683147	0.953	0.852	1.54E-36	pDC	Rpl37
Rgs3	7.78E-41	1.118621	0.287	0.089	1.90E-36	pDC	Rgs3
Ndufa34	7.88E-41	0.883123	0.715	0.38	1.93E-36	pDC	Ndufa3
H2-D13	1.06E-40	0.562299	0.99	0.904	2.60E-36	pDC	H2-D1
Khynyn	1.27E-40	1.097921	0.322	0.105	3.11E-36	pDC	Khynyn
Fancl	1.28E-40	1.210115	0.282	0.087	3.12E-36	pDC	Fancl
Sar1a1	1.38E-40	1.100214	0.46	0.187	3.39E-36	pDC	Sar1a
Cyb5r33	1.49E-40	1.223623	0.384	0.144	3.64E-36	pDC	Cyb5r3
Rbis2	1.57E-40	1.207192	0.52	0.23	3.86E-36	pDC	Rbis
Tyk21	1.88E-40	1.07989	0.384	0.141	4.61E-36	pDC	Tyk2
Rpl265	3.52E-40	0.617829	0.955	0.829	8.63E-36	pDC	Rpl26
Atxn12	3.75E-40	1.615096	0.493	0.222	9.19E-36	pDC	Atxn1
Stat15	5.92E-40	0.831537	0.824	0.497	1.45E-35	pDC	Stat1
Spred12	6.09E-40	1.123031	0.458	0.186	1.49E-35	pDC	Spred1
Nsa25	6.52E-40	0.851103	0.792	0.449	1.60E-35	pDC	Nsa2
Chpt1	7.19E-40	1.24008	0.344	0.122	1.76E-35	pDC	Chpt1

Gga3	1.15E-39	1.220564	0.329	0.113	2.81E-35	pDC	Gga3
Snx204	1.21E-39	1.050328	0.636	0.326	2.97E-35	pDC	Snx20
Mrpl13	1.58E-39	1.568026	0.312	0.107	3.87E-35	pDC	Mrpl13
Eif3c3	2.03E-39	0.942462	0.658	0.34	4.98E-35	pDC	Eif3c
Rad21	3.82E-39	1.09569	0.431	0.174	9.35E-35	pDC	Rad21
Zfp217	5.26E-39	1.116836	0.364	0.132	1.29E-34	pDC	Zfp217
Traf3	6.85E-39	1.241301	0.483	0.206	1.68E-34	pDC	Traf3
Rpl37a6	6.99E-39	0.622333	0.953	0.854	1.71E-34	pDC	Rpl37a
Acadl2	7.03E-39	1.316789	0.443	0.187	1.72E-34	pDC	Acadl
Synj14	7.28E-39	1.06038	0.614	0.299	1.78E-34	pDC	Synj1
Phf6	1.28E-38	1.281354	0.262	0.08	3.14E-34	pDC	Phf6
Sod11	1.38E-38	1.238033	0.339	0.122	3.38E-34	pDC	Sod1
Tomm225	1.40E-38	0.927323	0.641	0.327	3.42E-34	pDC	Tomm22
Fbxo63	1.75E-38	1.325622	0.379	0.146	4.28E-34	pDC	Fbxo6
Rab22a	2.14E-38	0.985347	0.396	0.15	5.24E-34	pDC	Rab22a
Nrbp1	2.58E-38	0.854328	0.468	0.192	6.32E-34	pDC	Nrbp1
3830406C1	3.64E-38	1.43085	0.349	0.128	8.92E-34	pDC	3830406C13Rik
Rbbp72	3.73E-38	1.001652	0.49	0.214	9.13E-34	pDC	Rbbp7
Tmbim42	4.96E-38	1.416411	0.723	0.436	1.21E-33	pDC	Tmbim4
181003711	5.19E-38	0.917473	0.658	0.342	1.27E-33	pDC	1810037117Rik
Dennd5a2	5.89E-38	0.959464	0.582	0.279	1.44E-33	pDC	Dennd5a
Tmem1673	1.09E-37	0.978613	0.569	0.272	2.68E-33	pDC	Tmem167
Mrpl38	1.14E-37	1.418727	0.332	0.121	2.78E-33	pDC	Mrpl38
Map3k12	1.57E-37	1.084726	0.483	0.208	3.84E-33	pDC	Map3k1
Akap133	2.11E-37	0.90386	0.797	0.496	5.17E-33	pDC	Akap13
Aimp13	2.68E-37	1.010067	0.52	0.235	6.56E-33	pDC	Aimp1
Akap9	3.27E-37	1.018564	0.574	0.282	8.00E-33	pDC	Akap9
Rpl326	3.91E-37	0.567631	0.973	0.867	9.57E-33	pDC	Rpl32
Fam104a4	4.38E-37	0.899697	0.517	0.234	1.07E-32	pDC	Fam104a
Uqcrfs15	5.18E-37	0.893868	0.634	0.319	1.27E-32	pDC	Uqcrfs1
H2-T235	1.01E-36	0.601765	0.943	0.714	2.48E-32	pDC	H2-T23
Cyba5	1.03E-36	0.562818	0.953	0.861	2.52E-32	pDC	Cyba
Eif3h5	1.05E-36	0.780128	0.8	0.487	2.57E-32	pDC	Eif3h
Ddt3	1.18E-36	1.613529	0.408	0.17	2.89E-32	pDC	Ddt
Arhgap304	1.46E-36	0.873573	0.639	0.328	3.58E-32	pDC	Arhgap30
Mien15	1.69E-36	0.955978	0.468	0.201	4.14E-32	pDC	Mien1
Snrpd13	1.84E-36	0.950455	0.488	0.213	4.50E-32	pDC	Snrpd1
Washc1	1.97E-36	1.157081	0.342	0.126	4.83E-32	pDC	Washc1
Ube2f2	2.15E-36	0.837689	0.577	0.274	5.26E-32	pDC	Ube2f
Psm44	2.89E-36	0.931229	0.53	0.243	7.07E-32	pDC	Psm44
Spag94	3.54E-36	0.904027	0.609	0.304	8.67E-32	pDC	Spag9
Cat2	4.58E-36	1.069171	0.433	0.183	1.12E-31	pDC	Cat
Slc9a3r14	4.69E-36	1.070477	0.423	0.177	1.15E-31	pDC	Slc9a3r1
Mrps72	4.72E-36	1.170588	0.401	0.165	1.15E-31	pDC	Mrps7

Hnrnpa33	5.71E-36	0.800281	0.765	0.454	1.40E-31	pDC	Hnrnpa3
Aplp24	7.31E-36	1.004254	0.559	0.277	1.79E-31	pDC	Aplp2
Bak13	8.98E-36	1.082394	0.356	0.135	2.20E-31	pDC	Bak1
Ppp1r111	1.17E-35	0.806215	0.554	0.258	2.86E-31	pDC	Ppp1r11
Pcyt1a	1.18E-35	1.709022	0.275	0.094	2.90E-31	pDC	Pcyt1a
Fut8	1.48E-35	1.069455	0.389	0.153	3.63E-31	pDC	Fut8
Mrpl322	1.62E-35	1.193202	0.366	0.142	3.97E-31	pDC	Mrpl32
Zyx4	2.02E-35	0.987812	0.537	0.257	4.94E-31	pDC	Zyx
Ube2n2	2.14E-35	0.808833	0.582	0.279	5.25E-31	pDC	Ube2n
Dnajc23	2.16E-35	1.096802	0.406	0.168	5.28E-31	pDC	Dnajc2
Rpl145	2.69E-35	0.686242	0.906	0.717	6.58E-31	pDC	Rpl14
Snrpg4	2.91E-35	0.917918	0.728	0.43	7.13E-31	pDC	Snrpg
Ilrun1	3.14E-35	0.936176	0.446	0.189	7.70E-31	pDC	Ilrun
Hcfc1r16	6.07E-35	0.948125	0.542	0.266	1.49E-30	pDC	Hcfc1r1
S100a135	6.91E-35	0.986237	0.493	0.227	1.69E-30	pDC	S100a13
Mink11	7.80E-35	1.032379	0.354	0.134	1.91E-30	pDC	Mink1
Ext14	1.27E-34	1.356402	0.483	0.224	3.12E-30	pDC	Ext1
Atp5md5	1.33E-34	0.740905	0.713	0.404	3.27E-30	pDC	Atp5md
Rps36	1.37E-34	0.554305	0.968	0.829	3.35E-30	pDC	Rps3
Psma35	1.54E-34	0.76376	0.738	0.421	3.77E-30	pDC	Psma3
Krit1	1.67E-34	1.021188	0.458	0.198	4.08E-30	pDC	Krit1
Pot1b1	2.58E-34	1.201501	0.379	0.153	6.32E-30	pDC	Pot1b
Ensa2	3.71E-34	1.118801	0.366	0.146	9.09E-30	pDC	Ensa
Rpl155	4.32E-34	0.602889	0.946	0.787	1.06E-29	pDC	Rpl15
Mea14	4.35E-34	0.905535	0.455	0.199	1.07E-29	pDC	Mea1
Bloc1s16	4.62E-34	0.890464	0.498	0.226	1.13E-29	pDC	Bloc1s1
Psmb14	4.81E-34	0.84579	0.708	0.403	1.18E-29	pDC	Psmb1
Tmem1313	5.81E-34	1.132413	0.589	0.307	1.42E-29	pDC	Tmem131
Cox6b16	6.07E-34	0.704507	0.861	0.558	1.49E-29	pDC	Cox6b1
Apaf1	7.04E-34	1.185154	0.287	0.099	1.72E-29	pDC	Apaf1
Arfrp1	7.57E-34	1.082306	0.356	0.139	1.85E-29	pDC	Arfrp1
Mkrn15	7.58E-34	0.792615	0.599	0.3	1.86E-29	pDC	Mkrn1
Psma65	1.06E-33	0.893494	0.557	0.271	2.59E-29	pDC	Psma6
Shb	1.13E-33	0.973645	0.265	0.087	2.77E-29	pDC	Shb
Anxa71	1.29E-33	1.1093	0.366	0.146	3.16E-29	pDC	Anxa7
H2-T225	1.41E-33	0.851142	0.653	0.346	3.46E-29	pDC	H2-T22
Aspscr1	1.57E-33	1.100533	0.351	0.137	3.85E-29	pDC	Aspscr1
Nup98	1.99E-33	0.977142	0.418	0.176	4.87E-29	pDC	Nup98
Elovl51	2.36E-33	1.515162	0.304	0.112	5.77E-29	pDC	Elovl5
Arrdc42	3.04E-33	1.367893	0.267	0.092	7.43E-29	pDC	Arrdc4
Tmem127	4.85E-33	0.812707	0.366	0.142	1.19E-28	pDC	Tmem127
AhcyL23	6.92E-33	0.973685	0.423	0.181	1.70E-28	pDC	AhcyL2
Rbbp4	7.25E-33	0.803232	0.572	0.282	1.78E-28	pDC	Rbbp4
Pnpla8	8.82E-33	0.809092	0.428	0.182	2.16E-28	pDC	Pnpla8

Suco	8.94E-33	0.997082	0.339	0.128	2.19E-28	pDC	Suco
Spsb1	1.08E-32	1.006742	0.401	0.168	2.65E-28	pDC	Spsb1
Mcl15	1.29E-32	0.747534	0.807	0.541	3.16E-28	pDC	Mcl1
Tsta3	1.35E-32	1.263762	0.262	0.089	3.31E-28	pDC	Tsta3
Dph5	1.49E-32	1.366732	0.265	0.09	3.65E-28	pDC	Dph5
Nhlrc2	1.52E-32	1.110137	0.386	0.159	3.72E-28	pDC	Nhlrc2
Rps185	1.88E-32	0.61557	0.918	0.761	4.60E-28	pDC	Rps18
Rpl23a5	2.74E-32	0.792665	0.79	0.506	6.72E-28	pDC	Rpl23a
Arl31	2.93E-32	1.005296	0.351	0.139	7.17E-28	pDC	Arl3
Pik3r52	3.48E-32	0.91318	0.515	0.243	8.52E-28	pDC	Pik3r5
Psm84	3.99E-32	0.735144	0.624	0.318	9.78E-28	pDC	Psm8
Cstb3	4.77E-32	0.762168	0.683	0.384	1.17E-27	pDC	Cstb
Eva1b1	5.82E-32	1.13614	0.312	0.117	1.43E-27	pDC	Eva1b
Llph4	5.91E-32	0.917681	0.5	0.237	1.45E-27	pDC	Llph
Otud5	7.02E-32	0.828919	0.441	0.191	1.72E-27	pDC	Otud5
Dctn35	8.57E-32	0.82568	0.554	0.277	2.10E-27	pDC	Dctn3
Ier51	1.05E-31	0.540056	0.851	0.545	2.57E-27	pDC	Ier5
Rps3a16	1.29E-31	0.50515	0.975	0.884	3.16E-27	pDC	Rps3a1
Arrdc1	1.43E-31	0.9554	0.426	0.186	3.50E-27	pDC	Arrdc1
Pbxip12	1.48E-31	0.955056	0.517	0.249	3.61E-27	pDC	Pbxip1
Sin3b4	1.53E-31	0.876418	0.545	0.273	3.76E-27	pDC	Sin3b
Kpna3	1.56E-31	0.851204	0.436	0.188	3.82E-27	pDC	Kpna3
Naca6	2.16E-31	0.593442	0.906	0.705	5.29E-27	pDC	Naca
Tmem168	2.27E-31	0.86031	0.371	0.15	5.57E-27	pDC	Tmem168
Ppp1ca4	2.40E-31	0.714742	0.762	0.464	5.87E-27	pDC	Ppp1ca
Eif2s21	2.46E-31	0.85046	0.621	0.339	6.01E-27	pDC	Eif2s2
Fbxo112	2.67E-31	0.744754	0.502	0.235	6.55E-27	pDC	Fbxo11
Pdcd64	2.79E-31	0.833614	0.453	0.206	6.82E-27	pDC	Pdcd6
Atp5h5	3.64E-31	0.684994	0.842	0.553	8.92E-27	pDC	Atp5h
Ola11	3.83E-31	0.916357	0.418	0.184	9.39E-27	pDC	Ola1
Stk19	4.04E-31	0.927004	0.356	0.143	9.90E-27	pDC	Stk19
Cd444	4.54E-31	0.780317	0.443	0.2	1.11E-26	pDC	Cd44
Plin3	5.28E-31	1.178773	0.275	0.098	1.29E-26	pDC	Plin3
Gm100763	6.55E-31	1.21995	0.327	0.129	1.60E-26	pDC	Gm10076
Rpl86	6.94E-31	0.541042	0.943	0.795	1.70E-26	pDC	Rpl8
Preli16	7.11E-31	0.700804	0.636	0.337	1.74E-26	pDC	Preli1
Psm12	8.67E-31	0.925924	0.579	0.297	2.12E-26	pDC	Psm1
Vwa5a1	1.30E-30	1.381075	0.421	0.195	3.18E-26	pDC	Vwa5a
Rnf19b2	1.47E-30	0.562141	0.609	0.314	3.61E-26	pDC	Rnf19b
Mdp11	2.47E-30	1.121083	0.374	0.158	6.04E-26	pDC	Mdp1
Ndufb44	2.48E-30	0.790136	0.663	0.365	6.08E-26	pDC	Ndufb4
Rassf23	3.31E-30	0.642293	0.616	0.319	8.11E-26	pDC	Rassf2
Chmp2a5	3.75E-30	0.856901	0.584	0.309	9.19E-26	pDC	Chmp2a
Rhoc1	3.94E-30	1.133461	0.29	0.108	9.66E-26	pDC	Rhoc

Arhgdia5	3.97E-30	0.646062	0.807	0.534	9.72E-26	pDC	Arhgdia
Nudt212	4.56E-30	0.861868	0.406	0.177	1.12E-25	pDC	Nudt21
Vps511	5.63E-30	0.929349	0.386	0.164	1.38E-25	pDC	Vps51
Nelfe2	6.11E-30	1.033848	0.314	0.122	1.50E-25	pDC	Nelfe
Dctn2	6.21E-30	0.764421	0.589	0.306	1.52E-25	pDC	Dctn2
Hnrnpul24	6.84E-30	0.739974	0.493	0.235	1.67E-25	pDC	Hnrnpul2
Pdlim44	6.88E-30	1.348061	0.495	0.263	1.68E-25	pDC	Pdlim4
Pgk16	6.98E-30	0.728426	0.527	0.259	1.71E-25	pDC	Pgk1
Dnajb62	7.06E-30	0.772043	0.597	0.323	1.73E-25	pDC	Dnajb6
Il4ra3	7.16E-30	0.949539	0.493	0.239	1.75E-25	pDC	Il4ra
Litaf3	1.23E-29	0.810857	0.676	0.395	3.02E-25	pDC	Litaf
Arl2bp1	1.32E-29	0.993569	0.252	0.088	3.22E-25	pDC	Arl2bp
Atp6v1f5	1.62E-29	0.655991	0.832	0.559	3.98E-25	pDC	Atp6v1f
Fis16	1.70E-29	0.675962	0.767	0.469	4.16E-25	pDC	Fis1
Arf63	1.74E-29	0.946307	0.52	0.268	4.26E-25	pDC	Arf6
Map3k8	1.81E-29	1.275766	0.327	0.133	4.43E-25	pDC	Map3k8
Laptm4b	1.90E-29	2.121414	0.302	0.125	4.66E-25	pDC	Laptm4b
Ube2d34	1.96E-29	0.676177	0.812	0.528	4.80E-25	pDC	Ube2d3
Mrpl305	2.55E-29	0.90616	0.547	0.284	6.25E-25	pDC	Mrpl30
Slc38a22	2.72E-29	0.887879	0.53	0.264	6.67E-25	pDC	Slc38a2
Vbp1	2.89E-29	1.104703	0.277	0.101	7.07E-25	pDC	Vbp1
Cript4	3.23E-29	0.759127	0.421	0.186	7.91E-25	pDC	Cript
Ciao2a4	3.59E-29	0.74241	0.512	0.251	8.79E-25	pDC	Ciao2a
Rnf1143	3.85E-29	0.851282	0.485	0.234	9.42E-25	pDC	Rnf114
Ndufv25	4.52E-29	0.700485	0.577	0.295	1.11E-24	pDC	Ndufv2
Trim255	4.93E-29	1.067498	0.389	0.17	1.21E-24	pDC	Trim25
Cd526	4.96E-29	0.687336	0.899	0.674	1.21E-24	pDC	Cd52
Pcbp23	5.16E-29	0.753049	0.629	0.347	1.26E-24	pDC	Pcbp2
Nedd84	5.45E-29	0.712817	0.735	0.452	1.33E-24	pDC	Nedd8
Nxf1	7.18E-29	0.793619	0.403	0.175	1.76E-24	pDC	Nxf1
Ell2	8.71E-29	1.1337	0.265	0.096	2.13E-24	pDC	Ell2
Hpcal17	8.87E-29	0.781035	0.517	0.262	2.17E-24	pDC	Hpcal1
Alyref4	9.12E-29	0.804736	0.453	0.21	2.23E-24	pDC	Alyref
Snrnp272	9.92E-29	0.857275	0.376	0.161	2.43E-24	pDC	Snrnp27
Idnk3	1.12E-28	0.906451	0.463	0.22	2.75E-24	pDC	Idnk
Rab102	1.16E-28	0.867448	0.631	0.359	2.84E-24	pDC	Rab10
Ube2v16	1.28E-28	0.709665	0.564	0.285	3.14E-24	pDC	Ube2v1
Rpl295	1.28E-28	0.505509	0.926	0.801	3.14E-24	pDC	Rpl29
Irf82	1.31E-28	1.245085	0.775	0.605	3.20E-24	pDC	Irf8
Psmb35	1.42E-28	0.660732	0.708	0.401	3.47E-24	pDC	Psmb3
Grb23	2.19E-28	0.645467	0.795	0.516	5.37E-24	pDC	Grb2
Ramac1	2.28E-28	0.900174	0.366	0.154	5.58E-24	pDC	Ramac
Pdcd102	2.44E-28	0.732646	0.537	0.269	5.98E-24	pDC	Pdcd10
Atp5b5	2.55E-28	0.642512	0.827	0.536	6.23E-24	pDC	Atp5b

Herc62	2.56E-28	0.885493	0.381	0.165	6.28E-24	pDC	Herc6
Tax1bp14	2.78E-28	0.652275	0.641	0.352	6.81E-24	pDC	Tax1bp1
Polr2m1	3.65E-28	0.875806	0.344	0.142	8.94E-24	pDC	Polr2m
Cct43	3.69E-28	0.727921	0.587	0.308	9.04E-24	pDC	Cct4
Oat1	4.06E-28	0.915791	0.314	0.124	9.94E-24	pDC	Oat
St3gal43	4.75E-28	0.924972	0.319	0.126	1.16E-23	pDC	St3gal4
Smarca11	7.61E-28	0.977534	0.356	0.153	1.86E-23	pDC	Smarca1
Arpc24	9.16E-28	0.556322	0.911	0.708	2.24E-23	pDC	Arpc2
Ncoa22	1.05E-27	0.800529	0.562	0.287	2.58E-23	pDC	Ncoa2
181005812	1.56E-27	0.77358	0.522	0.263	3.82E-23	pDC	1810058124Rik
Sh3bp13	1.58E-27	0.801236	0.572	0.312	3.86E-23	pDC	Sh3bp1
Supt6	1.60E-27	0.940022	0.384	0.17	3.91E-23	pDC	Supt6
Atp5d6	1.61E-27	0.62674	0.809	0.529	3.95E-23	pDC	Atp5d
Mrpl9	1.91E-27	0.950112	0.302	0.12	4.67E-23	pDC	Mrpl9
Sdhaf2	2.74E-27	1.170467	0.257	0.095	6.70E-23	pDC	Sdhaf2
Rela1	3.05E-27	0.6906	0.47	0.225	7.47E-23	pDC	Rela
Vcp2	3.08E-27	0.826384	0.649	0.388	7.54E-23	pDC	Vcp
Myo1c2	3.10E-27	0.899605	0.354	0.15	7.59E-23	pDC	Myo1c
Krcc1	3.27E-27	0.737798	0.693	0.403	8.01E-23	pDC	Krcc1
H2-DMb22	4.01E-27	2.132703	0.25	0.097	9.81E-23	pDC	H2-DMb2
Zfp8002	5.80E-27	0.851344	0.324	0.131	1.42E-22	pDC	Zfp800
Psm43	5.96E-27	0.68837	0.51	0.259	1.46E-22	pDC	Psm4
Ube2l33	6.31E-27	0.76837	0.562	0.305	1.54E-22	pDC	Ube2l3
Fam241a3	6.51E-27	0.891317	0.255	0.093	1.59E-22	pDC	Fam241a
Pet1002	6.91E-27	0.908289	0.364	0.159	1.69E-22	pDC	Pet100
Raly4	1.06E-26	0.748914	0.562	0.294	2.59E-22	pDC	Raly
Rbms16	1.10E-26	0.567289	0.48	0.229	2.70E-22	pDC	Rbms1
Ube2z	1.12E-26	0.793494	0.349	0.148	2.75E-22	pDC	Ube2z
Nfat52	1.18E-26	0.708512	0.502	0.245	2.88E-22	pDC	Nfat5
Tcp13	1.31E-26	0.90006	0.493	0.251	3.20E-22	pDC	Tcp1
G3bp11	1.32E-26	0.788149	0.507	0.256	3.23E-22	pDC	G3bp1
Ak24	1.32E-26	0.881242	0.52	0.274	3.24E-22	pDC	Ak2
Suclg11	1.33E-26	0.798644	0.381	0.167	3.25E-22	pDC	Suclg1
Sbno22	1.35E-26	0.693759	0.426	0.197	3.32E-22	pDC	Sbno2
Coro1b4	1.68E-26	0.736908	0.74	0.471	4.11E-22	pDC	Coro1b
Icosl2	1.68E-26	1.284583	0.371	0.169	4.11E-22	pDC	Icosl
Mthfs1	1.78E-26	0.734121	0.537	0.277	4.35E-22	pDC	Mthfs
Bcat21	1.82E-26	1.052415	0.29	0.115	4.45E-22	pDC	Bcat2
Etf11	2.05E-26	0.749527	0.468	0.229	5.01E-22	pDC	Etf1
Cmtr11	2.11E-26	1.013715	0.347	0.15	5.17E-22	pDC	Cmtr1
Sap183	2.13E-26	0.709817	0.554	0.291	5.21E-22	pDC	Sap18
Dusp18	2.18E-26	0.361084	0.705	0.385	5.35E-22	pDC	Dusp1
Tap23	2.25E-26	0.763115	0.661	0.389	5.51E-22	pDC	Tap2
Kmt5a1	2.65E-26	1.14293	0.282	0.111	6.50E-22	pDC	Kmt5a

Nek6	2.76E-26	0.814457	0.455	0.22	6.76E-22	pDC	Nek6
Rps219	2.79E-26	0.571479	0.948	0.834	6.84E-22	pDC	Rps21
Cdc424	2.96E-26	0.568469	0.881	0.731	7.25E-22	pDC	Cdc42
Ccdc502	3.29E-26	0.696163	0.649	0.378	8.06E-22	pDC	Ccdc50
Ppp1cb2	3.50E-26	0.680433	0.411	0.186	8.58E-22	pDC	Ppp1cb
Eef1b26	3.88E-26	0.602457	0.894	0.68	9.50E-22	pDC	Eef1b2
Mrps163	4.02E-26	0.931814	0.426	0.203	9.84E-22	pDC	Mrps16
Ankib1	4.82E-26	0.825462	0.307	0.123	1.18E-21	pDC	Ankib1
Rps65	5.54E-26	0.543829	0.911	0.688	1.36E-21	pDC	Rps6
Dnm1l	5.56E-26	0.956193	0.285	0.112	1.36E-21	pDC	Dnm1l
Psmc43	5.89E-26	0.826569	0.426	0.203	1.44E-21	pDC	Psmc4
Paf1	7.03E-26	1.015317	0.295	0.119	1.72E-21	pDC	Paf1
Mrpl403	1.15E-25	0.953143	0.307	0.126	2.81E-21	pDC	Mrpl40
Coq10b2	1.16E-25	0.917589	0.317	0.132	2.84E-21	pDC	Coq10b
Glpr13	1.23E-25	1.203168	0.282	0.114	3.02E-21	pDC	Glpr1
Rpl355	1.24E-25	0.537078	0.918	0.776	3.03E-21	pDC	Rpl35
Vrk31	1.94E-25	0.798118	0.342	0.146	4.74E-21	pDC	Vrk3
Psmb45	2.15E-25	0.600878	0.552	0.282	5.26E-21	pDC	Psmb4
Zbtb18	2.39E-25	1.0245	0.267	0.102	5.85E-21	pDC	Zbtb18
Zmat23	2.82E-25	0.778487	0.458	0.229	6.91E-21	pDC	Zmat2
Cox6c6	2.88E-25	0.560905	0.822	0.579	7.05E-21	pDC	Cox6c
Lsm32	4.10E-25	0.874377	0.339	0.147	1.01E-20	pDC	Lsm3
Nampt4	4.26E-25	1.092593	0.408	0.198	1.04E-20	pDC	Nampt
Psmd71	4.76E-25	0.727139	0.483	0.242	1.16E-20	pDC	Psmd7
Tpr4	4.76E-25	0.682553	0.624	0.355	1.16E-20	pDC	Tpr
Gng55	4.86E-25	0.499913	0.926	0.72	1.19E-20	pDC	Gng5
Tprgl2	5.17E-25	0.754653	0.507	0.263	1.27E-20	pDC	Tprgl
Smim145	6.30E-25	0.612285	0.567	0.306	1.54E-20	pDC	Smim14
Mxi11	7.58E-25	1.043535	0.391	0.186	1.86E-20	pDC	Mxi1
Ahnak4	7.76E-25	0.530577	0.282	0.108	1.90E-20	pDC	Ahnak
Ccdc82	7.84E-25	0.865506	0.277	0.109	1.92E-20	pDC	Ccdc82
Mvb12a3	9.24E-25	0.834852	0.421	0.203	2.26E-20	pDC	Mvb12a
Cep3501	1.05E-24	0.744254	0.507	0.262	2.57E-20	pDC	Cep350
Psmd10	1.18E-24	1.065908	0.267	0.105	2.89E-20	pDC	Psmd10
Ran4	1.47E-24	0.581955	0.636	0.356	3.61E-20	pDC	Ran
Lsm122	1.72E-24	0.706344	0.433	0.21	4.22E-20	pDC	Lsm12
Gtf2a1	2.30E-24	0.783537	0.314	0.131	5.64E-20	pDC	Gtf2a1
Cd633	2.43E-24	0.632249	0.839	0.624	5.95E-20	pDC	Cd63
Hnrnpa13	2.59E-24	0.785356	0.639	0.386	6.33E-20	pDC	Hnrnpa1
Trim27	2.67E-24	1.1268	0.344	0.155	6.54E-20	pDC	Trim27
Ngdn2	3.31E-24	0.838634	0.337	0.145	8.09E-20	pDC	Ngdn
Cops2	3.38E-24	0.759805	0.369	0.167	8.28E-20	pDC	Cops2
Ssu724	3.42E-24	0.623324	0.644	0.367	8.37E-20	pDC	Ssu72
Nr1h21	3.45E-24	0.859825	0.406	0.194	8.44E-20	pDC	Nr1h2

Rest	3.46E-24	1.071137	0.285	0.116	8.47E-20	pDC	Rest
Ndufb1-ps4	3.99E-24	0.636888	0.559	0.3	9.77E-20	pDC	Ndufb1-ps
Stx82	4.22E-24	0.591684	0.537	0.279	1.03E-19	pDC	Stx8
S100a103	4.45E-24	1.094174	0.265	0.103	1.09E-19	pDC	S100a10
Gpx45	4.78E-24	0.638347	0.832	0.597	1.17E-19	pDC	Gpx4
Txndc92	4.80E-24	0.777945	0.408	0.197	1.18E-19	pDC	Txndc9
lsg153	5.08E-24	1.170259	0.408	0.204	1.24E-19	pDC	lsg15
Txnl12	5.09E-24	0.821835	0.478	0.25	1.25E-19	pDC	Txnl1
Meaf61	5.35E-24	0.682115	0.359	0.16	1.31E-19	pDC	Meaf6
Atxn7l12	6.07E-24	0.528864	0.535	0.276	1.49E-19	pDC	Atxn7l1
Ntan13	6.64E-24	0.650213	0.396	0.184	1.63E-19	pDC	Ntan1
Tor1aip21	8.64E-24	0.893725	0.532	0.291	2.11E-19	pDC	Tor1aip2
Stk243	9.21E-24	0.715694	0.441	0.216	2.26E-19	pDC	Stk24
Mapkapk32	1.11E-23	0.819586	0.29	0.119	2.72E-19	pDC	Mapkapk3
Psmb72	1.25E-23	0.798613	0.386	0.181	3.07E-19	pDC	Psmb7
Prdx25	1.35E-23	0.629808	0.619	0.352	3.30E-19	pDC	Prdx2
Tgif12	1.42E-23	1.05545	0.361	0.169	3.47E-19	pDC	Tgif1
Suds3	1.48E-23	0.755864	0.312	0.133	3.62E-19	pDC	Suds3
Ankrd123	1.54E-23	0.483341	0.502	0.252	3.78E-19	pDC	Ankrd12
Plekhn22	2.02E-23	0.709632	0.527	0.276	4.94E-19	pDC	Plekhn2
Pabpn11	2.88E-23	0.628765	0.616	0.351	7.05E-19	pDC	Pabpn1
Pik3r11	3.18E-23	0.812889	0.725	0.493	7.78E-19	pDC	Pik3r1
Rbx14	3.21E-23	0.598822	0.738	0.465	7.86E-19	pDC	Rbx1
Cdkn1b2	3.30E-23	0.749778	0.322	0.137	8.07E-19	pDC	Cdkn1b
Lsm82	3.43E-23	0.613565	0.364	0.164	8.39E-19	pDC	Lsm8
Atpif12	4.08E-23	0.602117	0.8	0.56	1.00E-18	pDC	Atpif1
Cmc13	4.24E-23	0.725168	0.436	0.218	1.04E-18	pDC	Cmc1
Ybx32	5.34E-23	0.830847	0.287	0.119	1.31E-18	pDC	Ybx3
Setx	5.73E-23	0.738932	0.295	0.122	1.40E-18	pDC	Setx
Rps27a5	6.29E-23	0.385852	0.978	0.908	1.54E-18	pDC	Rps27a
Snrpb22	6.40E-23	0.898926	0.349	0.16	1.57E-18	pDC	Snrpb2
Cdc343	6.43E-23	0.870882	0.324	0.143	1.57E-18	pDC	Cdc34
Eif3k4	7.72E-23	0.536436	0.775	0.486	1.89E-18	pDC	Eif3k
Smurf1	8.91E-23	0.604677	0.359	0.162	2.18E-18	pDC	Smurf1
Cdc42se14	1.03E-22	0.667855	0.525	0.283	2.53E-18	pDC	Cdc42se1
2310011J0:	1.29E-22	0.69577	0.322	0.142	3.16E-18	pDC	2310011J03Rik
Clasp1	1.54E-22	0.717395	0.295	0.123	3.77E-18	pDC	Clasp1
Ube2s6	1.60E-22	0.684173	0.493	0.256	3.91E-18	pDC	Ube2s
Rpl214	2.05E-22	0.378089	0.97	0.892	5.02E-18	pDC	Rpl21
Ctdnep13	2.24E-22	0.715345	0.433	0.219	5.49E-18	pDC	Ctdnep1
Ttc9c	2.26E-22	0.789095	0.277	0.114	5.52E-18	pDC	Ttc9c
Eif4e21	2.42E-22	0.607336	0.5	0.258	5.93E-18	pDC	Eif4e2
Set3	2.50E-22	0.510921	0.587	0.32	6.12E-18	pDC	Set
Esd5	2.89E-22	0.552951	0.587	0.327	7.07E-18	pDC	Esd

Uqcrc21	3.15E-22	0.708461	0.507	0.271	7.71E-18	pDC	Uqcrc2
Rbm8a2	3.49E-22	0.562147	0.399	0.191	8.55E-18	pDC	Rbm8a
Esyt2	3.56E-22	0.845448	0.265	0.107	8.71E-18	pDC	Esyt2
Mbd26	3.94E-22	0.534381	0.49	0.255	9.65E-18	pDC	Mbd2
Necap24	4.62E-22	0.703909	0.53	0.295	1.13E-17	pDC	Necap2
Rnh15	4.95E-22	0.633097	0.616	0.35	1.21E-17	pDC	Rnh1
Gdi13	6.71E-22	0.587714	0.473	0.243	1.64E-17	pDC	Gdi1
Snrpd25	7.50E-22	0.635656	0.498	0.265	1.84E-17	pDC	Snrpd2
Cox8a6	8.12E-22	0.425625	0.953	0.784	1.99E-17	pDC	Cox8a
Coa53	8.18E-22	0.89945	0.324	0.149	2.00E-17	pDC	Coa5
Ppp4c4	8.22E-22	0.523246	0.609	0.342	2.01E-17	pDC	Ppp4c
Rpl75	8.38E-22	0.435368	0.918	0.736	2.05E-17	pDC	Rpl7
Vti1b1	9.47E-22	0.552347	0.54	0.293	2.32E-17	pDC	Vti1b
Mpc12	9.76E-22	0.618616	0.752	0.482	2.39E-17	pDC	Mpc1
Ehbp1l13	1.07E-21	0.628392	0.406	0.201	2.62E-17	pDC	Ehbp1l1
Hnrnpf3	1.08E-21	0.58329	0.787	0.513	2.66E-17	pDC	Hnrnpf
Ubl4a1	1.31E-21	0.844987	0.257	0.106	3.21E-17	pDC	Ubl4a
Chst11	1.40E-21	0.680369	0.3	0.127	3.42E-17	pDC	Chst11
Malat12	1.41E-21	0.623964	0.993	0.978	3.45E-17	pDC	Malat1
Plekhj13	1.43E-21	0.681567	0.545	0.298	3.49E-17	pDC	Plekhj1
Mtmr141	1.50E-21	0.6706	0.27	0.111	3.68E-17	pDC	Mtmr14
Rad50	1.52E-21	0.899945	0.275	0.116	3.73E-17	pDC	Rad50
Zfp6221	2.03E-21	0.810456	0.292	0.127	4.98E-17	pDC	Zfp622
Serbp14	2.07E-21	0.61263	0.661	0.407	5.07E-17	pDC	Serbp1
Ccdc1242	2.76E-21	0.709684	0.384	0.185	6.76E-17	pDC	Ccdc124
Il18bp4	2.76E-21	0.774064	0.332	0.15	6.76E-17	pDC	Il18bp
Bax4	3.11E-21	0.627082	0.626	0.364	7.62E-17	pDC	Bax
Ddx6	3.95E-21	0.639458	0.557	0.313	9.68E-17	pDC	Ddx6
ldh1	4.20E-21	0.674149	0.28	0.119	1.03E-16	pDC	ldh1
Snrpc4	4.43E-21	0.565135	0.458	0.236	1.09E-16	pDC	Snrpc
Dnajc154	4.68E-21	0.662221	0.406	0.204	1.15E-16	pDC	Dnajc15
Sra14	5.45E-21	0.626232	0.401	0.199	1.34E-16	pDC	Sra1
U2af13	5.81E-21	0.545326	0.53	0.285	1.42E-16	pDC	U2af1
Lipe1	5.88E-21	0.833826	0.304	0.134	1.44E-16	pDC	Lipe
Eef1g4	6.09E-21	0.558998	0.646	0.384	1.49E-16	pDC	Eef1g
Agpat1	6.63E-21	0.813721	0.295	0.13	1.62E-16	pDC	Agpat1
Phyh	6.84E-21	0.808873	0.359	0.175	1.68E-16	pDC	Phyh
Hsd3b7	7.24E-21	0.954459	0.317	0.146	1.77E-16	pDC	Hsd3b7
Lgals14	7.31E-21	0.265779	0.361	0.165	1.79E-16	pDC	Lgals1
Nipsnap3b	7.35E-21	0.69891	0.314	0.141	1.80E-16	pDC	Nipsnap3b
Psm141	7.38E-21	0.515241	0.418	0.207	1.81E-16	pDC	Psm14
Slirp4	8.25E-21	0.781438	0.347	0.164	2.02E-16	pDC	Slirp
Rpl65	9.46E-21	0.406132	0.97	0.829	2.32E-16	pDC	Rpl6
Cct74	9.54E-21	0.496918	0.498	0.262	2.34E-16	pDC	Cct7

Ndufa115	9.84E-21	0.505507	0.611	0.352	2.41E-16	pDC	Ndufa11
Smndc1	1.16E-20	0.60812	0.458	0.24	2.85E-16	pDC	Smndc1
Phf21a2	1.34E-20	0.657499	0.614	0.36	3.28E-16	pDC	Phf21a
Nras	1.49E-20	0.742036	0.307	0.138	3.64E-16	pDC	Nras
Becn1	1.59E-20	0.618658	0.391	0.191	3.90E-16	pDC	Becn1
Cast4	1.85E-20	0.613215	0.275	0.117	4.54E-16	pDC	Cast
Atp5k3	2.05E-20	0.518393	0.423	0.213	5.03E-16	pDC	Atp5k
Fryl1	2.24E-20	0.666136	0.423	0.216	5.47E-16	pDC	Fryl
Ubl72	2.38E-20	0.57876	0.317	0.143	5.83E-16	pDC	Ubl7
Tspan134	2.57E-20	0.634147	0.611	0.366	6.29E-16	pDC	Tspan13
Sptan12	2.59E-20	0.531027	0.349	0.163	6.35E-16	pDC	Sptan1
Smchd12	2.63E-20	0.845024	0.47	0.259	6.45E-16	pDC	Smchd1
Fam98c1	3.20E-20	0.776638	0.27	0.114	7.84E-16	pDC	Fam98c
Cyb5r42	3.21E-20	0.576912	0.332	0.152	7.85E-16	pDC	Cyb5r4
Vps292	3.72E-20	0.457294	0.577	0.317	9.11E-16	pDC	Vps29
Eif62	3.73E-20	0.585416	0.426	0.216	9.13E-16	pDC	Eif6
Swi55	4.21E-20	0.507391	0.658	0.38	1.03E-15	pDC	Swi5
Galnt7	5.19E-20	0.742092	0.364	0.177	1.27E-15	pDC	Galnt7
Dda11	5.21E-20	0.794025	0.329	0.155	1.28E-15	pDC	Dda1
Smpdl3a3	6.43E-20	0.66731	0.319	0.148	1.58E-15	pDC	Smpdl3a
Tcea12	6.71E-20	0.413105	0.53	0.287	1.64E-15	pDC	Tcea1
Lypla22	6.91E-20	0.698517	0.371	0.183	1.69E-15	pDC	Lypla2
Cycs3	6.96E-20	0.531104	0.55	0.305	1.70E-15	pDC	Cycs
Eapp2	7.00E-20	0.776607	0.332	0.155	1.71E-15	pDC	Eapp
Cggbp12	7.64E-20	0.501301	0.386	0.187	1.87E-15	pDC	Cggbp1
Rab433	7.79E-20	0.574069	0.557	0.316	1.91E-15	pDC	Rab43
Dusp221	8.39E-20	0.759663	0.28	0.122	2.05E-15	pDC	Dusp22
Baz1a4	1.04E-19	0.5181	0.431	0.222	2.56E-15	pDC	Baz1a
Aurkaip17	1.06E-19	0.508311	0.49	0.263	2.59E-15	pDC	Aurkaip1
Zc3h151	1.37E-19	0.670378	0.384	0.192	3.36E-15	pDC	Zc3h15
Preli3b3	1.42E-19	0.57039	0.324	0.15	3.47E-15	pDC	Preli3b
Arpc1a2	1.53E-19	0.558298	0.515	0.285	3.75E-15	pDC	Arpc1a
Pdlim53	1.64E-19	0.70024	0.403	0.202	4.01E-15	pDC	Pdlim5
Gatad11	2.00E-19	0.841415	0.28	0.126	4.89E-15	pDC	Gatad1
Use13	2.02E-19	0.610093	0.478	0.257	4.96E-15	pDC	Use1
Psm11	2.25E-19	0.698721	0.421	0.222	5.50E-15	pDC	Psm11
Ap2s16	2.40E-19	0.480942	0.54	0.3	5.87E-15	pDC	Ap2s1
Sbno1	2.74E-19	0.46751	0.433	0.224	6.70E-15	pDC	Sbno1
Map1lc3b5	2.77E-19	0.483902	0.589	0.346	6.79E-15	pDC	Map1lc3b
Pank2	2.86E-19	0.612396	0.329	0.153	7.01E-15	pDC	Pank2
Fbxw112	3.21E-19	0.32646	0.473	0.244	7.85E-15	pDC	Fbxw11
Zdhhc3	3.41E-19	0.617725	0.292	0.132	8.35E-15	pDC	Zdhhc3
Cct23	3.97E-19	0.625066	0.527	0.3	9.71E-15	pDC	Cct2
Rack15	4.24E-19	0.426295	0.881	0.659	1.04E-14	pDC	Rack1

Nab13	4.35E-19	0.737637	0.292	0.133	1.06E-14	pDC	Nab1
Kdm6a1	4.38E-19	0.511037	0.344	0.164	1.07E-14	pDC	Kdm6a
Mob1a3	4.49E-19	0.688088	0.431	0.231	1.10E-14	pDC	Mob1a
Ginm1	4.66E-19	0.664013	0.309	0.142	1.14E-14	pDC	Ginm1
Polr2g4	5.93E-19	0.582425	0.433	0.228	1.45E-14	pDC	Polr2g
Churc13	6.71E-19	0.821069	0.337	0.165	1.64E-14	pDC	Churc1
Slc25a111	6.96E-19	0.56805	0.512	0.287	1.70E-14	pDC	Slc25a11
Mrps231	7.27E-19	0.934044	0.272	0.123	1.78E-14	pDC	Mrps23
Sfr13	7.71E-19	0.455547	0.478	0.261	1.89E-14	pDC	Sfr1
Herpud14	8.05E-19	0.70802	0.614	0.386	1.97E-14	pDC	Herpud1
Brms1	8.23E-19	0.710404	0.317	0.149	2.01E-14	pDC	Brms1
Nmi3	8.30E-19	0.6717	0.337	0.162	2.03E-14	pDC	Nmi
Cdc5l1	9.26E-19	0.670796	0.324	0.155	2.27E-14	pDC	Cdc5l
Wasl1	9.34E-19	0.525776	0.416	0.212	2.29E-14	pDC	Wasl
Bzw11	9.37E-19	0.501708	0.5	0.273	2.29E-14	pDC	Bzw1
Dapp12	9.42E-19	0.457659	0.619	0.361	2.31E-14	pDC	Dapp1
Stx121	9.69E-19	0.746424	0.379	0.194	2.37E-14	pDC	Stx12
Atf41	1.07E-18	0.589102	0.411	0.212	2.62E-14	pDC	Atf4
Cox4i17	1.49E-18	0.361538	0.955	0.804	3.65E-14	pDC	Cox4i1
Bsdc1	1.61E-18	0.798344	0.26	0.113	3.95E-14	pDC	Bsdc1
H2afy3	1.78E-18	0.462694	0.621	0.378	4.36E-14	pDC	H2afy
Ptges32	1.80E-18	0.545851	0.525	0.299	4.40E-14	pDC	Ptges3
Cwc154	1.96E-18	0.496401	0.552	0.311	4.80E-14	pDC	Cwc15
Bbx2	2.14E-18	0.72291	0.371	0.189	5.24E-14	pDC	Bbx
Mapre1	2.44E-18	0.559039	0.562	0.326	5.96E-14	pDC	Mapre1
Erg281	2.59E-18	0.688525	0.29	0.133	6.33E-14	pDC	Erg28
Kif2a	3.18E-18	0.751692	0.26	0.115	7.78E-14	pDC	Kif2a
Chchd51	3.21E-18	0.811748	0.255	0.112	7.87E-14	pDC	Chchd5
Ufm13	3.54E-18	0.605764	0.307	0.146	8.68E-14	pDC	Ufm1
Filip115	3.55E-18	0.405558	0.735	0.48	8.70E-14	pDC	Filip1l
Cflar1	4.24E-18	0.45976	0.681	0.435	1.04E-13	pDC	Cflar
Chmp1a1	4.41E-18	0.585917	0.329	0.159	1.08E-13	pDC	Chmp1a
Gtf2b1	4.43E-18	0.531632	0.314	0.147	1.09E-13	pDC	Gtf2b
Bmp2k2	4.48E-18	0.597613	0.834	0.63	1.10E-13	pDC	Bmp2k
Pomp6	4.77E-18	0.484618	0.787	0.551	1.17E-13	pDC	Pomp
Uba71	4.98E-18	0.621723	0.423	0.223	1.22E-13	pDC	Uba7
H2-Aa6	5.03E-18	0.519734	0.851	0.615	1.23E-13	pDC	H2-Aa
Nsmce4a2	5.12E-18	0.684701	0.337	0.165	1.25E-13	pDC	Nsmce4a
Med285	5.18E-18	0.436656	0.609	0.359	1.27E-13	pDC	Med28
Atp5c14	5.44E-18	0.583507	0.738	0.505	1.33E-13	pDC	Atp5c1
Stxbp24	5.54E-18	0.57047	0.354	0.175	1.36E-13	pDC	Stxbp2
M6pr4	5.60E-18	0.56014	0.735	0.464	1.37E-13	pDC	M6pr
Uqcrq5	5.92E-18	0.394864	0.703	0.439	1.45E-13	pDC	Uqcrq
Psmb54	6.45E-18	0.488968	0.572	0.34	1.58E-13	pDC	Psmb5

Yy12	6.62E-18	0.459722	0.443	0.236	1.62E-13	pDC	Yy1
Cnbp2	6.65E-18	0.508527	0.755	0.522	1.63E-13	pDC	Cnbp
Eif3a5	7.03E-18	0.567725	0.572	0.343	1.72E-13	pDC	Eif3a
Nono3	7.74E-18	0.52223	0.515	0.29	1.90E-13	pDC	Nono
Cirbp2	8.09E-18	0.532798	0.51	0.289	1.98E-13	pDC	Cirbp
Gclm3	8.29E-18	0.270327	0.391	0.2	2.03E-13	pDC	Gclm
Frg11	8.57E-18	0.562272	0.381	0.192	2.10E-13	pDC	Frg1
Cox7a27	8.70E-18	0.447397	0.73	0.462	2.13E-13	pDC	Cox7a2
Elp51	9.09E-18	0.7371	0.28	0.13	2.23E-13	pDC	Elp5
Fkbp82	9.34E-18	0.417754	0.559	0.324	2.29E-13	pDC	Fkbp8
Wars	9.37E-18	0.857799	0.287	0.134	2.29E-13	pDC	Wars
Mta33	1.28E-17	0.513876	0.339	0.166	3.12E-13	pDC	Mta3
Lsm11	1.35E-17	0.662278	0.27	0.123	3.30E-13	pDC	Lsm1
Mrpl113	1.41E-17	0.598141	0.327	0.159	3.46E-13	pDC	Mrpl11
Grpel12	1.55E-17	0.659416	0.369	0.187	3.79E-13	pDC	Grpel1
Mrpl241	1.58E-17	0.618584	0.403	0.216	3.86E-13	pDC	Mrpl24
Nudt142	1.58E-17	0.724655	0.262	0.118	3.88E-13	pDC	Nudt14
Snf83	1.61E-17	0.530339	0.423	0.227	3.94E-13	pDC	Snf8
Eif4a22	1.69E-17	0.552093	0.579	0.351	4.13E-13	pDC	Eif4a2
Pin12	1.81E-17	0.449905	0.319	0.152	4.43E-13	pDC	Pin1
Eid13	1.81E-17	0.530469	0.324	0.157	4.43E-13	pDC	Eid1
Rpl13a5	1.87E-17	0.378777	0.953	0.793	4.58E-13	pDC	Rpl13a
Plekha2	2.33E-17	0.51114	0.366	0.184	5.71E-13	pDC	Plekha2
Slc25a4	2.49E-17	0.904541	0.334	0.17	6.09E-13	pDC	Slc25a4
Sdc43	2.54E-17	0.490706	0.292	0.136	6.22E-13	pDC	Sdc4
Csde13	2.77E-17	0.453812	0.495	0.272	6.79E-13	pDC	Csde1
Rhoa3	3.27E-17	0.423063	0.876	0.689	8.01E-13	pDC	Rhoa
Gpr137b1	3.32E-17	0.872518	0.426	0.231	8.12E-13	pDC	Gpr137b
Cct55	3.33E-17	0.478542	0.488	0.271	8.16E-13	pDC	Cct5
Ywhaz3	3.51E-17	0.39531	0.795	0.56	8.60E-13	pDC	Ywhaz
Rdx	4.12E-17	0.442353	0.386	0.198	1.01E-12	pDC	Rdx
Gsdmd2	4.15E-17	0.512226	0.517	0.298	1.02E-12	pDC	Gsdmd
Atp5j25	4.94E-17	0.439078	0.777	0.52	1.21E-12	pDC	Atp5j2
Far13	5.47E-17	0.464121	0.381	0.194	1.34E-12	pDC	Far1
Rps4x5	5.78E-17	0.333292	0.975	0.88	1.42E-12	pDC	Rps4x
Rasal22	6.09E-17	0.44587	0.314	0.151	1.49E-12	pDC	Rasal2
Smdt15	6.28E-17	0.430787	0.673	0.419	1.54E-12	pDC	Smdt1
Rpl285	7.48E-17	0.389199	0.953	0.842	1.83E-12	pDC	Rpl28
Eif3d3	7.49E-17	0.6184	0.394	0.209	1.84E-12	pDC	Eif3d
Oip5os1	8.45E-17	0.423992	0.356	0.179	2.07E-12	pDC	Oip5os1
Anapc113	9.07E-17	0.449174	0.594	0.351	2.22E-12	pDC	Anapc11
Ythdf23	9.75E-17	0.471834	0.453	0.25	2.39E-12	pDC	Ythdf2
Psm24	1.04E-16	0.609092	0.379	0.199	2.56E-12	pDC	Psm24
Hras1	1.05E-16	0.624372	0.314	0.155	2.57E-12	pDC	Hras

Xpa	1.17E-16	0.788223	0.28	0.133	2.86E-12	pDC	Xpa
Rpl106	1.28E-16	0.354869	0.943	0.841	3.14E-12	pDC	Rpl10
Ndufa76	1.38E-16	0.452205	0.738	0.496	3.38E-12	pDC	Ndufa7
Psmc6	1.44E-16	0.527008	0.399	0.213	3.52E-12	pDC	Psmc6
Ccng22	1.58E-16	0.588442	0.361	0.184	3.86E-12	pDC	Ccng2
Sf3b63	1.61E-16	0.5104	0.54	0.321	3.95E-12	pDC	Sf3b6
Ifi353	1.61E-16	0.524642	0.438	0.241	3.95E-12	pDC	Ifi35
Tubb4b1	1.62E-16	0.386921	0.342	0.171	3.96E-12	pDC	Tubb4b
Ufc13	1.62E-16	0.442762	0.47	0.261	3.96E-12	pDC	Ufc1
Rps286	1.69E-16	0.448389	0.901	0.758	4.14E-12	pDC	Rps28
Ppp1r23	1.71E-16	0.343239	0.418	0.221	4.19E-12	pDC	Ppp1r2
Dcaf11	1.76E-16	0.642257	0.262	0.121	4.31E-12	pDC	Dcaf11
Ost45	1.82E-16	0.406043	0.752	0.499	4.45E-12	pDC	Ost4
Cs1	1.84E-16	0.550118	0.366	0.19	4.51E-12	pDC	Cs
Cox6a15	2.23E-16	0.357761	0.772	0.514	5.45E-12	pDC	Cox6a1
Manbal	2.58E-16	0.47372	0.364	0.186	6.32E-12	pDC	Manbal
Irf54	2.64E-16	0.496418	0.705	0.471	6.48E-12	pDC	Irf5
Srsf32	3.73E-16	0.500808	0.646	0.405	9.13E-12	pDC	Srsf3
Adprh2	3.75E-16	0.513944	0.522	0.305	9.19E-12	pDC	Adprh
Baz2b4	4.12E-16	0.411616	0.624	0.385	1.01E-11	pDC	Baz2b
Zc3hav15	4.19E-16	0.44878	0.441	0.24	1.03E-11	pDC	Zc3hav1
Eif1a3	5.41E-16	0.812192	0.302	0.152	1.33E-11	pDC	Eif1a
Cyld1	5.85E-16	0.409081	0.401	0.212	1.43E-11	pDC	Cyld
Ppp2r1a3	6.39E-16	0.501954	0.431	0.237	1.56E-11	pDC	Ppp2r1a
Kpna43	6.43E-16	0.449496	0.708	0.453	1.57E-11	pDC	Kpna4
Rrp36	7.05E-16	0.517675	0.262	0.121	1.73E-11	pDC	Rrp36
Fcf12	7.27E-16	0.573625	0.403	0.218	1.78E-11	pDC	Fcf1
Hnrnpa03	7.35E-16	0.433318	0.498	0.286	1.80E-11	pDC	Hnrnpa0
Guk11	7.70E-16	0.789498	0.28	0.136	1.89E-11	pDC	Guk1
Ube2m4	7.73E-16	0.399746	0.545	0.313	1.89E-11	pDC	Ube2m
Ddx541	8.87E-16	0.739729	0.26	0.122	2.17E-11	pDC	Ddx54
Rps155	9.03E-16	0.439766	0.797	0.569	2.21E-11	pDC	Rps15
Rassf12	1.05E-15	0.647385	0.374	0.2	2.56E-11	pDC	Rassf1
Ccndbp11	1.06E-15	0.686034	0.277	0.133	2.59E-11	pDC	Ccndbp1
Tnfrsf11a3	1.06E-15	0.453298	0.606	0.378	2.60E-11	pDC	Tnfrsf11a
Gmps	1.10E-15	0.610592	0.267	0.126	2.69E-11	pDC	Gmps
Ywhaq1	1.10E-15	0.52375	0.304	0.152	2.70E-11	pDC	Ywhaq
Map41	1.11E-15	0.475737	0.668	0.443	2.73E-11	pDC	Map4
Nup88	1.20E-15	0.571197	0.282	0.135	2.95E-11	pDC	Nup88
Yme1l1	1.46E-15	0.552221	0.324	0.163	3.57E-11	pDC	Yme1l1
Flna4	1.62E-15	0.388441	0.371	0.196	3.97E-11	pDC	Flna
Pphln1	1.68E-15	0.463949	0.282	0.134	4.12E-11	pDC	Pphln1
Mrp1204	1.70E-15	0.378603	0.465	0.26	4.16E-11	pDC	Mrp120
Slc6a62	1.74E-15	0.560171	0.601	0.378	4.27E-11	pDC	Slc6a6

Emp35	1.93E-15	0.367884	0.411	0.222	4.74E-11	pDC	Emp3
Pdcd53	2.47E-15	0.402677	0.502	0.294	6.06E-11	pDC	Pdcd5
Cox7b6	2.62E-15	0.455004	0.599	0.368	6.41E-11	pDC	Cox7b
Rbck11	2.67E-15	0.484834	0.394	0.212	6.54E-11	pDC	Rbck1
Psmc51	3.09E-15	0.494824	0.416	0.231	7.56E-11	pDC	Psmc5
Timm135	3.14E-15	0.388551	0.567	0.338	7.70E-11	pDC	Timm13
Hnrnpdl1	3.19E-15	0.498807	0.498	0.293	7.81E-11	pDC	Hnrnpdl
Psmb63	3.21E-15	0.412827	0.611	0.379	7.87E-11	pDC	Psmb6
Rps125	3.79E-15	0.324984	0.973	0.869	9.29E-11	pDC	Rps12
Osbpl83	3.93E-15	0.472012	0.45	0.255	9.62E-11	pDC	Osbpl8
Dbnl4	4.15E-15	0.43527	0.567	0.343	1.02E-10	pDC	Dbnl
Sf13	5.39E-15	0.366772	0.554	0.328	1.32E-10	pDC	Sf1
Mcrs1	6.46E-15	0.498454	0.262	0.124	1.58E-10	pDC	Mcrs1
Ndufb76	6.81E-15	0.424983	0.604	0.375	1.67E-10	pDC	Ndufb7
Ndufa18	9.00E-15	0.479756	0.545	0.332	2.20E-10	pDC	Ndufa1
Ubxn41	9.16E-15	0.433421	0.5	0.297	2.24E-10	pDC	Ubxn4
Pdcd4	9.22E-15	0.496985	0.322	0.164	2.26E-10	pDC	Pdcd4
Dnajc14	9.25E-15	0.993058	0.46	0.283	2.26E-10	pDC	Dnajc1
Dazap1	9.63E-15	0.449586	0.374	0.199	2.36E-10	pDC	Dazap1
Slu7	1.09E-14	0.703161	0.25	0.119	2.67E-10	pDC	Slu7
Flii3	1.12E-14	0.491016	0.413	0.232	2.74E-10	pDC	Flii
Cetn31	1.16E-14	0.391798	0.403	0.223	2.83E-10	pDC	Cetn3
Tmem234	1.19E-14	0.38802	0.616	0.385	2.91E-10	pDC	Tmem234
Clu1	1.29E-14	1.192025	0.26	0.128	3.15E-10	pDC	Clu
Phf5a2	1.48E-14	0.519315	0.342	0.18	3.63E-10	pDC	Phf5a
Tmod33	1.76E-14	0.305	0.45	0.252	4.31E-10	pDC	Tmod3
Flnb1	1.86E-14	0.781756	0.262	0.129	4.56E-10	pDC	Flnb
Rpl36a5	1.96E-14	0.405154	0.864	0.652	4.81E-10	pDC	Rpl36a
Sdhd4	1.98E-14	0.430176	0.48	0.277	4.86E-10	pDC	Sdhd
Clip2	2.28E-14	0.694342	0.282	0.142	5.59E-10	pDC	Clip2
Babam12	2.34E-14	0.511364	0.334	0.178	5.72E-10	pDC	Babam1
Ube2k4	2.37E-14	0.272602	0.49	0.281	5.80E-10	pDC	Ube2k
Thoc71	2.52E-14	0.52188	0.356	0.191	6.18E-10	pDC	Thoc7
Ilkap1	2.55E-14	0.499021	0.317	0.165	6.24E-10	pDC	Ilkap
Snrnp2002	2.58E-14	0.534951	0.287	0.144	6.32E-10	pDC	Snrnp200
Rbm27	2.69E-14	0.454556	0.267	0.129	6.59E-10	pDC	Rbm27
Dnaja24	2.87E-14	0.367923	0.515	0.305	7.02E-10	pDC	Dnaja2
Morf4l12	3.04E-14	0.357177	0.842	0.585	7.43E-10	pDC	Morf4l1
Pcbp14	3.17E-14	0.426622	0.75	0.528	7.75E-10	pDC	Pcbp1
Nubp12	3.46E-14	0.537757	0.329	0.174	8.47E-10	pDC	Nubp1
Specc12	3.75E-14	0.727003	0.594	0.401	9.18E-10	pDC	Specc1
Taf12	3.92E-14	0.47071	0.25	0.119	9.61E-10	pDC	Taf12
Hnrnpc2	4.12E-14	0.405662	0.438	0.248	1.01E-09	pDC	Hnrnpc
Aip4	4.29E-14	0.38913	0.379	0.205	1.05E-09	pDC	Aip

Stk17b5	4.30E-14	0.307685	0.337	0.173	1.05E-09	pDC	Stk17b
Snu134	4.54E-14	0.406712	0.525	0.318	1.11E-09	pDC	Snu13
Csnk1d	4.55E-14	0.396925	0.399	0.22	1.11E-09	pDC	Csnk1d
Ier3ip13	4.57E-14	0.280266	0.488	0.282	1.12E-09	pDC	Ier3ip1
Specc1l1	4.60E-14	0.577119	0.28	0.139	1.13E-09	pDC	Specc1l
Csnk1g1	5.09E-14	0.562042	0.314	0.162	1.25E-09	pDC	Csnk1g1
Fibp	5.20E-14	0.421846	0.381	0.21	1.27E-09	pDC	Fibp
Samd4b	5.32E-14	0.464828	0.272	0.132	1.30E-09	pDC	Samd4b
Rspry1	5.60E-14	0.405747	0.28	0.137	1.37E-09	pDC	Rspry1
Zcrb12	5.89E-14	0.391162	0.428	0.246	1.44E-09	pDC	Zcrb1
Snap233	6.93E-14	0.488736	0.438	0.251	1.70E-09	pDC	Snap23
Myl12b4	7.03E-14	0.386851	0.819	0.635	1.72E-09	pDC	Myl12b
Sp1103	7.52E-14	0.496562	0.423	0.246	1.84E-09	pDC	Sp110
Mrpl432	7.56E-14	0.428304	0.46	0.266	1.85E-09	pDC	Mrpl43
Ube2b2	8.95E-14	0.3835	0.589	0.365	2.19E-09	pDC	Ube2b
Dlgap4	9.80E-14	0.273895	0.448	0.253	2.40E-09	pDC	Dlgap4
Micu1	1.14E-13	0.730243	0.307	0.163	2.79E-09	pDC	Micu1
Cox7a2l5	1.16E-13	0.457637	0.673	0.459	2.83E-09	pDC	Cox7a2l
Micu2	1.21E-13	0.45701	0.337	0.18	2.96E-09	pDC	Micu2
Pcnp	1.28E-13	0.354785	0.349	0.186	3.12E-09	pDC	Pcnp
Park74	1.29E-13	0.37451	0.636	0.411	3.16E-09	pDC	Park7
Lamtor54	1.36E-13	0.413437	0.431	0.246	3.32E-09	pDC	Lamtor5
Dpf2	1.37E-13	0.559283	0.295	0.152	3.36E-09	pDC	Dpf2
Chmp53	1.44E-13	0.46151	0.396	0.223	3.53E-09	pDC	Chmp5
Polr2e1	1.50E-13	0.444478	0.446	0.265	3.68E-09	pDC	Polr2e
Ccrl23	1.66E-13	0.446697	0.297	0.154	4.07E-09	pDC	Ccrl2
Sdf42	1.69E-13	0.387058	0.762	0.513	4.13E-09	pDC	Sdf4
Pdap12	1.94E-13	0.429682	0.304	0.158	4.75E-09	pDC	Pdap1
Psmb25	2.24E-13	0.405581	0.584	0.371	5.48E-09	pDC	Psmb2
Vamp85	2.80E-13	0.433746	0.79	0.596	6.85E-09	pDC	Vamp8
Yeats4	3.12E-13	0.557899	0.349	0.193	7.65E-09	pDC	Yeats4
Rwdd13	3.29E-13	0.525176	0.356	0.198	8.06E-09	pDC	Rwdd1
Rnf41	3.36E-13	0.427329	0.292	0.151	8.22E-09	pDC	Rnf4
Smarcd22	3.90E-13	0.440453	0.28	0.142	9.54E-09	pDC	Smarcd2
Add12	4.01E-13	0.258154	0.428	0.243	9.83E-09	pDC	Add1
Atrx2	4.09E-13	0.415358	0.502	0.313	1.00E-08	pDC	Atrx
Kdelr13	4.10E-13	0.494321	0.547	0.344	1.00E-08	pDC	Kdelr1
Scaper1	4.14E-13	0.254252	0.356	0.193	1.01E-08	pDC	Scaper
Atp11b2	4.22E-13	0.488104	0.282	0.144	1.03E-08	pDC	Atp11b
Rab11b2	4.37E-13	0.293432	0.582	0.362	1.07E-08	pDC	Rab11b
Tpm31	4.49E-13	0.357751	0.809	0.629	1.10E-08	pDC	Tpm3
Eif4h3	4.77E-13	0.400883	0.49	0.3	1.17E-08	pDC	Eif4h
Lypla11	4.87E-13	0.471488	0.265	0.132	1.19E-08	pDC	Lypla1
Srrm11	5.03E-13	0.310624	0.644	0.413	1.23E-08	pDC	Srrm1

Lpcat11	5.08E-13	0.344167	0.418	0.237	1.24E-08	pDC	Lpcat1
Lrrfip12	5.74E-13	0.489286	0.5	0.313	1.41E-08	pDC	Lrrfip1
Ilk2	5.80E-13	0.442262	0.483	0.292	1.42E-08	pDC	Ilk
Mcrip1	6.12E-13	0.401626	0.495	0.298	1.50E-08	pDC	Mcrip1
Dstn3	6.20E-13	0.590784	0.45	0.277	1.52E-08	pDC	Dstn
Ndufa65	6.55E-13	0.454257	0.74	0.522	1.60E-08	pDC	Ndufa6
Cpsf7	6.57E-13	0.493116	0.27	0.136	1.61E-08	pDC	Cpsf7
Mrpl212	6.94E-13	0.515985	0.28	0.144	1.70E-08	pDC	Mrpl21
Commd3	7.55E-13	0.420745	0.448	0.266	1.85E-08	pDC	Commd3
Wrn	7.63E-13	0.328645	0.25	0.122	1.87E-08	pDC	Wrn
Glod41	9.24E-13	0.612868	0.3	0.16	2.26E-08	pDC	Glod4
Tbc1d17	9.83E-13	0.45277	0.295	0.154	2.41E-08	pDC	Tbc1d17
Dynlrb15	9.99E-13	0.367002	0.525	0.323	2.45E-08	pDC	Dynlrb1
Glr8	1.03E-12	0.773556	0.285	0.154	2.51E-08	pDC	Glr8
Ndufs45	1.13E-12	0.283573	0.502	0.3	2.77E-08	pDC	Ndufs4
Gnl22	1.18E-12	0.676914	0.322	0.177	2.88E-08	pDC	Gnl2
Selenok2	1.30E-12	0.575456	0.777	0.59	3.18E-08	pDC	Selenok
Clptm12	1.34E-12	0.34897	0.532	0.324	3.27E-08	pDC	Clptm1
Tomm34	1.41E-12	0.432131	0.349	0.191	3.45E-08	pDC	Tomm34
Piezo11	1.55E-12	0.461213	0.312	0.168	3.79E-08	pDC	Piezo1
Washc3	1.56E-12	0.607977	0.314	0.172	3.82E-08	pDC	Washc3
Puf602	1.63E-12	0.335115	0.475	0.288	3.99E-08	pDC	Puf60
Med301	1.75E-12	0.449766	0.309	0.166	4.29E-08	pDC	Med30
Pdrg11	1.84E-12	0.51444	0.255	0.129	4.50E-08	pDC	Pdrg1
Smim201	1.90E-12	0.570323	0.307	0.168	4.65E-08	pDC	Smim20
Dbnidd23	2.20E-12	0.49313	0.304	0.165	5.38E-08	pDC	Dbnidd2
Trappc6b1	2.20E-12	0.290412	0.423	0.245	5.39E-08	pDC	Trappc6b
B3gat3	2.26E-12	0.475099	0.309	0.166	5.52E-08	pDC	B3gat3
Mat2b	2.27E-12	0.325394	0.351	0.195	5.57E-08	pDC	Mat2b
Vps72	2.33E-12	0.277278	0.322	0.171	5.71E-08	pDC	Vps72
Hint2	2.40E-12	0.399588	0.332	0.183	5.89E-08	pDC	Hint2
Arcp5l1	2.50E-12	0.384441	0.391	0.226	6.12E-08	pDC	Arcp5l
Pnpla21	2.58E-12	0.410562	0.376	0.215	6.33E-08	pDC	Pnpla2
Rad23a1	2.77E-12	0.40192	0.371	0.211	6.79E-08	pDC	Rad23a
Trappc6a3	2.91E-12	0.513413	0.28	0.146	7.12E-08	pDC	Trappc6a
Stub11	3.06E-12	0.381834	0.495	0.302	7.49E-08	pDC	Stub1
22-Mar	3.10E-12	0.349302	0.359	0.202	7.59E-08	pDC	2-Mar
Nfya	3.20E-12	0.490466	0.302	0.16	7.83E-08	pDC	Nfya
Capns15	3.25E-12	0.285976	0.564	0.352	7.97E-08	pDC	Capns1
Psen22	3.26E-12	0.510427	0.267	0.14	7.99E-08	pDC	Psen2
Phax1	3.26E-12	0.597289	0.307	0.167	7.99E-08	pDC	Phax
Uqcrb6	3.41E-12	0.342701	0.644	0.425	8.35E-08	pDC	Uqcrb
Igbbp13	3.98E-12	0.522736	0.384	0.226	9.75E-08	pDC	Igbbp1
Bcl62	4.12E-12	0.652974	0.287	0.154	1.01E-07	pDC	Bcl6

Gemin72	4.46E-12	0.340987	0.339	0.188	1.09E-07	pDC	Gemin7
Trir3	4.54E-12	0.336036	0.562	0.355	1.11E-07	pDC	Trir
Eif3i5	4.68E-12	0.318124	0.525	0.326	1.15E-07	pDC	Eif3i
Snx82	4.69E-12	0.33653	0.265	0.135	1.15E-07	pDC	Snx8
Gtpbp23	5.51E-12	0.403811	0.45	0.271	1.35E-07	pDC	Gtpbp2
Pdcl31	5.56E-12	0.323048	0.351	0.195	1.36E-07	pDC	Pdcl3
Pole42	5.85E-12	0.343269	0.309	0.166	1.43E-07	pDC	Pole4
1110004F1	6.04E-12	0.310875	0.386	0.221	1.48E-07	pDC	1110004F10Rik
Hnrnpd3	6.32E-12	0.357653	0.53	0.334	1.55E-07	pDC	Hnrnpd
Dnaja15	6.47E-12	0.313065	0.478	0.294	1.59E-07	pDC	Dnaja1
Ncaph21	7.48E-12	0.458826	0.26	0.134	1.83E-07	pDC	Ncaph2
Psmc33	7.60E-12	0.325616	0.488	0.295	1.86E-07	pDC	Psmc3
Daam1	7.90E-12	0.411404	0.277	0.146	1.93E-07	pDC	Daam1
1110038B1	8.06E-12	0.645311	0.342	0.198	1.97E-07	pDC	1110038B12Rik
Atp6v1b24	8.72E-12	0.531215	0.525	0.338	2.14E-07	pDC	Atp6v1b2
Hgs	8.84E-12	0.400355	0.262	0.135	2.17E-07	pDC	Hgs
Arid4b	9.36E-12	0.41239	0.344	0.193	2.29E-07	pDC	Arid4b
Immp1l	9.47E-12	0.3434	0.317	0.175	2.32E-07	pDC	Immp1l
Cmpk14	9.64E-12	0.280266	0.455	0.273	2.36E-07	pDC	Cmpk1
Pin42	9.74E-12	0.465143	0.282	0.152	2.38E-07	pDC	Pin4
Commd6	1.00E-11	0.277606	0.329	0.181	2.46E-07	pDC	Commd6
Abcg12	1.25E-11	0.447923	0.455	0.275	3.05E-07	pDC	Abcg1
Ppp2ca1	1.27E-11	0.295901	0.547	0.347	3.10E-07	pDC	Ppp2ca
Mrps341	1.32E-11	0.570897	0.322	0.182	3.24E-07	pDC	Mrps34
Gnptab1	1.35E-11	0.559534	0.267	0.141	3.30E-07	pDC	Gnptab
Nhp23	1.53E-11	0.557487	0.312	0.174	3.74E-07	pDC	Nhp2
Trappc44	1.66E-11	0.288591	0.436	0.256	4.07E-07	pDC	Trappc4
Wbp4	1.75E-11	0.517904	0.309	0.172	4.28E-07	pDC	Wbp4
Mlf22	1.86E-11	0.352806	0.599	0.387	4.55E-07	pDC	Mlf2
Marf1	1.89E-11	0.331297	0.309	0.168	4.63E-07	pDC	Marf1
Rnf1874	1.93E-11	0.381094	0.46	0.284	4.73E-07	pDC	Rnf187
Ube2j2	2.13E-11	0.479292	0.351	0.2	5.21E-07	pDC	Ube2j2
Snw12	2.14E-11	0.338882	0.384	0.224	5.24E-07	pDC	Snw1
Zmym2	2.23E-11	0.382525	0.272	0.143	5.46E-07	pDC	Zmym2
Eif5a5	2.31E-11	0.39915	0.696	0.493	5.65E-07	pDC	Eif5a
Mrpl364	2.35E-11	0.498535	0.347	0.198	5.75E-07	pDC	Mrpl36
Rchy12	2.58E-11	0.406623	0.314	0.173	6.33E-07	pDC	Rchy1
Dynll15	2.66E-11	0.284366	0.639	0.42	6.50E-07	pDC	Dynll1
Nrbf21	2.66E-11	0.596075	0.262	0.141	6.52E-07	pDC	Nrbf2
Bfar	2.78E-11	0.429026	0.324	0.182	6.82E-07	pDC	Bfar
Mrps18c2	3.24E-11	0.33677	0.334	0.189	7.93E-07	pDC	Mrps18c
Ccni2	3.38E-11	0.334146	0.621	0.42	8.28E-07	pDC	Ccni
Mapre21	3.68E-11	0.408328	0.473	0.291	9.01E-07	pDC	Mapre2
Utp33	3.76E-11	0.484592	0.337	0.194	9.21E-07	pDC	Utp3

Mdh26	3.88E-11	0.446797	0.557	0.356	9.51E-07	pDC	Mdh2
Rpl55	3.94E-11	0.33439	0.832	0.616	9.66E-07	pDC	Rpl5
Hdac11	4.00E-11	0.396282	0.324	0.182	9.79E-07	pDC	Hdac1
Supt51	4.65E-11	0.390882	0.304	0.168	1.14E-06	pDC	Supt5
Prcp4	5.06E-11	0.384168	0.557	0.368	1.24E-06	pDC	Prcp
Micos134	5.34E-11	0.296277	0.505	0.319	1.31E-06	pDC	Micos13
Rtf22	5.36E-11	0.366866	0.399	0.236	1.31E-06	pDC	Rtf2
Tfg	5.55E-11	0.468775	0.347	0.201	1.36E-06	pDC	Tfg
Fgfr1op23	5.84E-11	0.374224	0.438	0.267	1.43E-06	pDC	Fgfr1op2
Nedd4l2	6.50E-11	0.417214	0.361	0.208	1.59E-06	pDC	Nedd4l
Mbtd11	6.65E-11	0.29965	0.396	0.234	1.63E-06	pDC	Mbtd1
Mapk1ip1l	7.24E-11	0.453552	0.277	0.151	1.77E-06	pDC	Mapk1ip1l
Nrp22	7.81E-11	0.6421	0.285	0.16	1.91E-06	pDC	Nrp2
Lrch4	8.39E-11	0.428071	0.351	0.204	2.05E-06	pDC	Lrch4
Chrac13	9.05E-11	0.319169	0.406	0.24	2.22E-06	pDC	Chrac1
Cdv32	9.23E-11	0.660951	0.262	0.143	2.26E-06	pDC	Cdv3
Rnf146	9.95E-11	0.379905	0.257	0.138	2.44E-06	pDC	Rnf146
Dap2	1.02E-10	1.20723	0.272	0.158	2.50E-06	pDC	Dap
Rps6ka5	1.07E-10	0.295873	0.309	0.171	2.63E-06	pDC	Rps6ka5
Syf24	1.08E-10	0.255508	0.406	0.241	2.64E-06	pDC	Syf2
Hnrnph32	1.13E-10	0.396629	0.433	0.261	2.77E-06	pDC	Hnrnph3
Ergic2	1.18E-10	0.287408	0.3	0.166	2.88E-06	pDC	Ergic2
Ppp1r35	1.18E-10	0.365576	0.27	0.146	2.90E-06	pDC	Ppp1r35
Eif2s13	1.20E-10	0.395498	0.361	0.208	2.95E-06	pDC	Eif2s1
Clk3	1.23E-10	0.539869	0.25	0.134	3.02E-06	pDC	Clk3
Rpl46	1.25E-10	0.303952	0.812	0.599	3.07E-06	pDC	Rpl4
Rnps11	1.32E-10	0.274103	0.332	0.189	3.22E-06	pDC	Rnps1
Ube2d2a1	1.36E-10	0.315392	0.646	0.432	3.32E-06	pDC	Ube2d2a
Rnf14	1.40E-10	0.273415	0.28	0.153	3.42E-06	pDC	Rnf14
Rab6a1	1.45E-10	0.469647	0.29	0.161	3.54E-06	pDC	Rab6a
Rpl316	1.48E-10	0.27988	0.748	0.529	3.62E-06	pDC	Rpl31
Cox144	1.52E-10	0.291323	0.436	0.267	3.72E-06	pDC	Cox14
Wsb21	1.66E-10	0.389901	0.265	0.144	4.07E-06	pDC	Wsb2
Gls2	1.68E-10	0.255842	0.438	0.266	4.11E-06	pDC	Gls
Ubac22	1.79E-10	0.281261	0.502	0.318	4.37E-06	pDC	Ubac2
Gsk3a1	2.05E-10	0.423394	0.26	0.142	5.01E-06	pDC	Gsk3a
Snrpd34	2.06E-10	0.28843	0.406	0.243	5.04E-06	pDC	Snrpd3
Snhg122	2.13E-10	0.649074	0.295	0.172	5.23E-06	pDC	Snhg12
lah13	2.15E-10	0.377987	0.272	0.149	5.25E-06	pDC	lah1
Ehmt21	2.19E-10	0.406328	0.282	0.159	5.37E-06	pDC	Ehmt2
Smu11	2.25E-10	0.393903	0.309	0.177	5.51E-06	pDC	Smu1
Tmem1605	2.25E-10	0.261704	0.475	0.294	5.52E-06	pDC	Tmem160
Glud13	2.39E-10	0.256593	0.537	0.343	5.85E-06	pDC	Glud1
Rps255	2.84E-10	0.280714	0.837	0.639	6.95E-06	pDC	Rps25

Pi4k2a1	2.89E-10	0.257405	0.277	0.152	7.09E-06	pDC	Pi4k2a
Elf12	3.01E-10	0.318981	0.564	0.367	7.38E-06	pDC	Elf1
Ube2r22	3.25E-10	0.255187	0.401	0.243	7.95E-06	pDC	Ube2r2
Josd2	3.36E-10	0.374019	0.277	0.154	8.24E-06	pDC	Josd2
Fundc22	3.42E-10	0.600944	0.282	0.162	8.38E-06	pDC	Fundc2
Ubald24	4.10E-10	0.421863	0.45	0.289	1.00E-05	pDC	Ubald2
Al837181	4.24E-10	0.427066	0.272	0.15	1.04E-05	pDC	Al837181
Emc8	4.42E-10	0.304767	0.304	0.174	1.08E-05	pDC	Emc8
Cnpy31	5.06E-10	0.383686	0.47	0.299	1.24E-05	pDC	Cnpy3
Suz12	5.26E-10	0.274526	0.277	0.153	1.29E-05	pDC	Suz12
Anapc2	5.39E-10	0.472497	0.282	0.158	1.32E-05	pDC	Anapc2
Atad2b3	5.93E-10	0.26998	0.384	0.229	1.45E-05	pDC	Atad2b
Ccng11	7.60E-10	0.697196	0.282	0.162	1.86E-05	pDC	Ccng1
Psmc21	7.89E-10	0.382665	0.359	0.218	1.93E-05	pDC	Psmc2
Dpy301	8.19E-10	0.300422	0.275	0.154	2.01E-05	pDC	Dpy30
Chmp4b7	8.40E-10	0.266532	0.678	0.466	2.06E-05	pDC	Chmp4b
H2-Eb16	9.17E-10	0.351766	0.795	0.594	2.25E-05	pDC	H2-Eb1
Bola32	9.81E-10	0.368333	0.25	0.138	2.40E-05	pDC	Bola3
Rex1bd4	1.13E-09	0.275285	0.396	0.24	2.78E-05	pDC	Rex1bd
Ddx51	1.14E-09	0.265614	0.926	0.786	2.79E-05	pDC	Ddx5
Fkbp1a5	1.15E-09	0.306072	0.517	0.337	2.82E-05	pDC	Fkbp1a
Eny22	1.16E-09	0.258758	0.282	0.159	2.84E-05	pDC	Eny2
Rcsd13	1.17E-09	0.285425	0.554	0.376	2.87E-05	pDC	Rcsd1
Ppp3cb	1.39E-09	0.374013	0.29	0.163	3.40E-05	pDC	Ppp3cb
Map2k2	1.60E-09	0.293131	0.552	0.366	3.92E-05	pDC	Map2k2
Rbm7	1.66E-09	0.382234	0.366	0.222	4.06E-05	pDC	Rbm7
Dph32	1.72E-09	0.357338	0.257	0.143	4.22E-05	pDC	Dph3
Lcp14	1.86E-09	0.398628	0.814	0.69	4.56E-05	pDC	Lcp1
Dctn4	2.17E-09	0.31775	0.371	0.227	5.31E-05	pDC	Dctn4
ldh3b3	3.48E-09	0.294491	0.436	0.274	8.52E-05	pDC	ldh3b
Ybx15	3.49E-09	0.251563	0.792	0.573	8.55E-05	pDC	Ybx1
Uqcc31	3.65E-09	0.275235	0.309	0.181	8.95E-05	pDC	Uqcc3
Dock104	3.66E-09	0.45741	0.752	0.61	8.96E-05	pDC	Dock10
Derl21	4.48E-09	0.254328	0.389	0.238	0.00011	pDC	Derl2
Huwe12	4.63E-09	0.277722	0.418	0.264	0.000113	pDC	Huwe1
Arid1b2	4.84E-09	0.275627	0.554	0.369	0.000118	pDC	Arid1b
Sdf21	5.73E-09	0.395304	0.389	0.247	0.00014	pDC	Sdf2
Ttyh3	6.21E-09	0.278503	0.443	0.284	0.000152	pDC	Ttyh3
Snrpf5	6.55E-09	0.301684	0.433	0.273	0.000161	pDC	Snrpf
Tmx3	6.65E-09	0.344739	0.332	0.2	0.000163	pDC	Tmx3
Uba13	6.73E-09	0.340196	0.339	0.208	0.000165	pDC	Uba1
Fbxl51	7.09E-09	0.406457	0.287	0.167	0.000174	pDC	Fbxl5
Efhhd23	7.10E-09	0.277054	0.8	0.619	0.000174	pDC	Efhhd2
Brd22	8.98E-09	0.348929	0.418	0.266	0.00022	pDC	Brd2

Sharpin3	9.22E-09	0.342331	0.347	0.213	0.000226	pDC	Sharpin
Capzb2	9.24E-09	0.270632	0.842	0.687	0.000226	pDC	Capzb
Arpc1b6	9.29E-09	0.263274	0.854	0.704	0.000228	pDC	Arpc1b
Rtn41	9.92E-09	0.2502	0.762	0.58	0.000243	pDC	Rtn4
Bub3	1.13E-08	0.277846	0.379	0.24	0.000276	pDC	Bub3
Aff13	1.32E-08	0.51219	0.374	0.237	0.000323	pDC	Aff1
Impdh23	1.35E-08	0.397444	0.287	0.173	0.00033	pDC	Impdh2
Lyst2	1.66E-08	0.350096	0.361	0.228	0.000407	pDC	Lyst
Gfer2	1.69E-08	0.392332	0.324	0.199	0.000415	pDC	Gfer
Spag71	1.83E-08	0.366311	0.277	0.165	0.000448	pDC	Spag7
Nabp21	2.20E-08	0.316941	0.292	0.174	0.000538	pDC	Nabp2
Adrm11	2.31E-08	0.324438	0.29	0.173	0.000566	pDC	Adrm1
Tnfrsf1b3	2.81E-08	0.29361	0.515	0.355	0.000688	pDC	Tnfrsf1b
Rpl36al5	2.95E-08	0.260362	0.839	0.649	0.000724	pDC	Rpl36al
Cers51	3.06E-08	0.365799	0.275	0.163	0.00075	pDC	Cers5
1810026BC	3.48E-08	0.328925	0.418	0.268	0.000853	pDC	1810026B05Rik
Marcks2	4.25E-08	0.260305	0.911	0.793	0.001042	pDC	Marcks
Ube2q13	4.58E-08	0.287444	0.337	0.21	0.001122	pDC	Ube2q1
Copz14	4.62E-08	0.323559	0.364	0.227	0.001132	pDC	Copz1
Mrpl46	5.25E-08	0.324776	0.339	0.215	0.001286	pDC	Mrpl4
Fxr1	6.04E-08	0.298102	0.322	0.198	0.001479	pDC	Fxr1
Hsp90aa13	7.23E-08	0.320403	0.485	0.33	0.001772	pDC	Hsp90aa1
Wnk12	8.00E-08	0.438286	0.748	0.608	0.00196	pDC	Wnk1
Anapc13	9.07E-08	0.271079	0.366	0.234	0.00222	pDC	Anapc13
Paics1	9.20E-08	0.416053	0.287	0.175	0.002252	pDC	Paics
Ddx461	9.39E-08	0.313337	0.262	0.156	0.002299	pDC	Ddx46
Bcl7b	9.93E-08	0.250462	0.27	0.161	0.002432	pDC	Bcl7b
Hdgf5	1.06E-07	0.269423	0.287	0.174	0.002589	pDC	Hdgf
Parp83	1.10E-07	0.257669	0.453	0.301	0.002706	pDC	Parp8
Add33	1.19E-07	0.298721	0.25	0.145	0.002903	pDC	Add3
Mdm2	1.22E-07	0.331385	0.295	0.178	0.002977	pDC	Mdm2
Prpsap1	1.40E-07	0.461829	0.285	0.175	0.00342	pDC	Prpsap1
Fbxw2	1.46E-07	0.294098	0.277	0.166	0.003578	pDC	Fbxw2
Usp3	2.48E-07	0.322937	0.282	0.172	0.006064	pDC	Usp3
Ppp2cb2	2.94E-07	0.343598	0.29	0.178	0.0072	pDC	Ppp2cb
Qars3	3.76E-07	0.377569	0.262	0.161	0.009218	pDC	Qars
Nagk2	4.72E-07	0.417337	0.297	0.19	0.011559	pDC	Nagk
Elof12	4.78E-07	0.317656	0.26	0.159	0.01171	pDC	Elof1
Hspe15	5.64E-07	0.308125	0.609	0.428	0.013814	pDC	Hspe1
Cdk86	8.91E-07	0.30049	0.963	0.902	0.02183	pDC	Cdk8
Rab324	1.06E-06	0.349818	0.3	0.196	0.025888	pDC	Rab32
Timm233	1.08E-06	0.323376	0.403	0.273	0.026418	pDC	Timm23
Polr2c2	2.11E-06	0.251187	0.25	0.155	0.051633	pDC	Polr2c
Smagp2	3.15E-06	0.269911	0.26	0.165	0.077248	pDC	Smagp

Resf13	5.42E-06	0.261484	0.376	0.258	0.132846	pDC	Resf1
Plaa	6.67E-06	0.331807	0.28	0.182	0.163324	pDC	Plaa
Rnaset2a4	1.51E-05	0.56705	0.453	0.339	0.370802	pDC	Rnaset2a
Rnase64	9.13E-05	0.502893	0.27	0.187	1	pDC	Rnase6
Btaf1	0.000254	0.324867	0.282	0.198	1	pDC	Btaf1

Supplementary Table 8: DEGs for Figure 5L

	p_val	avg_log2FC	pct.1	pct.2	p_val_adj	cluster	gene
Cd8b1	0	1.893148	0.558	0.23	0	CD8+ Cytot	Cd8b1
Cxcr6	0	1.285956	0.792	0.465	0	CD8+ Cytot	Cxcr6
Cd8a	0	1.709226	0.554	0.233	0	CD8+ Cytot	Cd8a
Cd3g	0	0.946278	0.972	0.678	0	CD8+ Cytot	Cd3g
Cd3e	0	0.806026	0.96	0.675	0	CD8+ Cytot	Cd3e
Cd3d	0	0.795628	0.929	0.647	0	CD8+ Cytot	Cd3d
Lat	0	0.809164	0.878	0.618	0	CD8+ Cytot	Lat
Thy1	0	1.010673	0.898	0.649	0	CD8+ Cytot	Thy1
Ms4a4b	0	0.85971	0.952	0.705	0	CD8+ Cytot	Ms4a4b
Hcst	0	0.962453	0.893	0.699	0	CD8+ Cytot	Hcst
Rpl13a	0	0.505948	0.991	0.938	0	CD8+ Cytot	Rpl13a
Rps13	0	0.480221	0.998	0.951	0	CD8+ Cytot	Rps13
Rps24	0	0.44717	1	0.973	0	CD8+ Cytot	Rps24
Cd52	2.84E-301	0.630651	0.987	0.904	6.96E-297	CD8+ Cytot	Cd52
Rps15a	2.47E-300	0.495395	0.998	0.954	6.05E-296	CD8+ Cytot	Rps15a
Ccl5	2.63E-293	1.071528	0.852	0.657	6.45E-289	CD8+ Cytot	Ccl5
Rac2	6.64E-289	0.567422	0.976	0.876	1.62E-284	CD8+ Cytot	Rac2
Rps16	7.75E-273	0.423582	0.999	0.96	1.90E-268	CD8+ Cytot	Rps16
Nkg7	3.42E-271	0.781145	0.864	0.608	8.37E-267	CD8+ Cytot	Nkg7
Rps27	3.51E-271	0.593827	0.986	0.916	8.60E-267	CD8+ Cytot	Rps27
Rpl18a	3.21E-270	0.406069	0.999	0.962	7.86E-266	CD8+ Cytot	Rpl18a
Rps10	1.10E-267	0.413364	0.999	0.957	2.69E-263	CD8+ Cytot	Rps10
Fau	9.20E-260	0.377608	1	0.971	2.25E-255	CD8+ Cytot	Fau
Rpl19	6.84E-254	0.377959	0.999	0.964	1.67E-249	CD8+ Cytot	Rpl19
Id2	3.90E-250	0.830369	0.833	0.67	9.55E-246	CD8+ Cytot	Id2
Rpl9	6.84E-239	0.383894	0.999	0.963	1.68E-234	CD8+ Cytot	Rpl9
Cxcr3	1.98E-232	0.973029	0.682	0.453	4.85E-228	CD8+ Cytot	Cxcr3
Rps7	1.23E-231	0.408892	0.998	0.956	3.00E-227	CD8+ Cytot	Rps7
Rpsa	8.11E-226	0.396763	0.999	0.966	1.99E-221	CD8+ Cytot	Rpsa
Rpl30	1.63E-221	0.39	0.998	0.959	3.99E-217	CD8+ Cytot	Rpl30
Gzmk	4.02E-221	1.7744	0.343	0.137	9.84E-217	CD8+ Cytot	Gzmk
Lck	7.50E-214	0.657431	0.864	0.673	1.84E-209	CD8+ Cytot	Lck
Ltb	1.25E-204	0.594009	0.925	0.724	3.07E-200	CD8+ Cytot	Ltb
Rpl17	1.67E-204	0.383189	0.994	0.948	4.10E-200	CD8+ Cytot	Rpl17
Rpl37a	2.65E-199	0.43754	0.994	0.945	6.49E-195	CD8+ Cytot	Rpl37a
Ms4a6b	2.58E-198	0.791326	0.753	0.589	6.32E-194	CD8+ Cytot	Ms4a6b
Themis	9.06E-197	0.617716	0.58	0.338	2.22E-192	CD8+ Cytot	Themis
Rpl18	3.10E-194	0.38374	0.999	0.952	7.60E-190	CD8+ Cytot	Rpl18
Rpl27	2.57E-193	0.392342	0.992	0.926	6.29E-189	CD8+ Cytot	Rpl27
Ptpn18	4.12E-191	0.51417	0.93	0.829	1.01E-186	CD8+ Cytot	Ptpn18
Ctsw	1.44E-189	0.635978	0.863	0.671	3.53E-185	CD8+ Cytot	Ctsw
Shisa5	7.28E-188	0.448563	0.964	0.878	1.78E-183	CD8+ Cytot	Shisa5

Rpl11	1.43E-185	0.338983	0.998	0.957	3.51E-181	CD8+ Cytot	Rpl11
Rps5	3.23E-185	0.370844	0.999	0.951	7.90E-181	CD8+ Cytot	Rps5
Rpl12	4.81E-185	0.466864	0.969	0.899	1.18E-180	CD8+ Cytot	Rpl12
Rpl27a	3.52E-184	0.342162	0.997	0.96	8.63E-180	CD8+ Cytot	Rpl27a
S100a6	4.86E-184	0.857557	0.768	0.593	1.19E-179	CD8+ Cytot	S100a6
Gimap3	3.19E-183	0.627546	0.831	0.665	7.80E-179	CD8+ Cytot	Gimap3
Ly6c2	1.40E-181	1.179154	0.535	0.316	3.43E-177	CD8+ Cytot	Ly6c2
Sh3bgrl3	1.46E-179	0.485588	0.978	0.899	3.58E-175	CD8+ Cytot	Sh3bgrl3
Rpl8	1.79E-177	0.390308	0.994	0.94	4.37E-173	CD8+ Cytot	Rpl8
Tpt1	1.51E-176	0.329257	0.999	0.962	3.70E-172	CD8+ Cytot	Tpt1
Arhgdib	3.14E-174	0.454814	0.954	0.867	7.68E-170	CD8+ Cytot	Arhgdib
Rpl13	4.42E-171	0.332342	1	0.972	1.08E-166	CD8+ Cytot	Rpl13
Rps4x	7.55E-171	0.349392	0.997	0.952	1.85E-166	CD8+ Cytot	Rps4x
Dnajc15	1.17E-169	0.929624	0.659	0.512	2.86E-165	CD8+ Cytot	Dnajc15
Ly6a	2.92E-167	0.601819	0.822	0.622	7.15E-163	CD8+ Cytot	Ly6a
Rps11	2.17E-163	0.339575	0.998	0.955	5.30E-159	CD8+ Cytot	Rps11
Gimap7	2.14E-160	0.797821	0.655	0.465	5.25E-156	CD8+ Cytot	Gimap7
Rps21	1.56E-159	0.434029	0.983	0.925	3.81E-155	CD8+ Cytot	Rps21
Plac8	4.59E-159	1.072525	0.495	0.295	1.12E-154	CD8+ Cytot	Plac8
Eef1a1	2.87E-157	0.291912	1	0.98	7.02E-153	CD8+ Cytot	Eef1a1
Rps3a1	1.26E-155	0.321411	0.997	0.958	3.09E-151	CD8+ Cytot	Rps3a1
Rpl36	2.49E-153	0.38369	0.988	0.927	6.10E-149	CD8+ Cytot	Rpl36
Rps9	2.33E-151	0.320976	0.996	0.955	5.70E-147	CD8+ Cytot	Rps9
Rpl23	2.94E-149	0.322222	0.997	0.958	7.21E-145	CD8+ Cytot	Rpl23
Itga1	3.50E-149	0.984932	0.43	0.244	8.58E-145	CD8+ Cytot	Itga1
H2-K1	1.74E-148	0.307431	0.998	0.971	4.26E-144	CD8+ Cytot	H2-K1
Slfn1	2.23E-144	0.916982	0.508	0.32	5.46E-140	CD8+ Cytot	Slfn1
Gramd3	6.90E-144	0.791484	0.508	0.318	1.69E-139	CD8+ Cytot	Gramd3
1-Sep	2.54E-143	0.540109	0.832	0.682	6.23E-139	CD8+ Cytot	1-Sep
Rps14	3.66E-143	0.324832	0.99	0.94	8.96E-139	CD8+ Cytot	Rps14
Gimap4	3.65E-142	0.546738	0.833	0.68	8.94E-138	CD8+ Cytot	Gimap4
Rps3	8.40E-140	0.322653	0.994	0.944	2.06E-135	CD8+ Cytot	Rps3
Rpl34	8.27E-139	0.336545	0.994	0.943	2.02E-134	CD8+ Cytot	Rpl34
Rpl32	1.47E-138	0.319972	0.997	0.954	3.59E-134	CD8+ Cytot	Rpl32
Rps23	1.99E-137	0.320685	0.993	0.945	4.88E-133	CD8+ Cytot	Rps23
Tmsb10	7.54E-137	0.352811	0.999	0.954	1.85E-132	CD8+ Cytot	Tmsb10
Pde7a	1.92E-131	0.614442	0.628	0.467	4.70E-127	CD8+ Cytot	Pde7a
Epsti1	4.98E-131	0.581813	0.742	0.629	1.22E-126	CD8+ Cytot	Epsti1
AW112010	9.51E-131	0.398604	0.961	0.854	2.33E-126	CD8+ Cytot	AW112010
Rps18	8.17E-129	0.348065	0.985	0.922	2.00E-124	CD8+ Cytot	Rps18
Gm44174	5.45E-127	1.391315	0.265	0.122	1.33E-122	CD8+ Cytot	Gm44174
Grap2	9.17E-127	0.466102	0.652	0.49	2.25E-122	CD8+ Cytot	Grap2
Rplp2	1.81E-123	0.337212	0.983	0.921	4.42E-119	CD8+ Cytot	Rplp2
Rpl21	3.11E-118	0.293373	0.996	0.957	7.61E-114	CD8+ Cytot	Rpl21

Gimap6	3.17E-118	0.515917	0.757	0.609	7.75E-114	CD8+ Cytot	Gimap6
Rpl35a	2.98E-117	0.323425	0.991	0.943	7.29E-113	CD8+ Cytot	Rpl35a
Rps8	3.68E-117	0.288484	0.998	0.963	9.01E-113	CD8+ Cytot	Rps8
Cnn2	2.29E-115	0.508232	0.826	0.703	5.62E-111	CD8+ Cytot	Cnn2
Fasl	6.86E-113	0.943926	0.445	0.287	1.68E-108	CD8+ Cytot	Fasl
Rpl6	3.42E-112	0.299822	0.989	0.933	8.39E-108	CD8+ Cytot	Rpl6
H2afj	5.18E-110	0.600344	0.753	0.663	1.27E-105	CD8+ Cytot	H2afj
Lsp1	9.42E-108	0.512142	0.792	0.651	2.31E-103	CD8+ Cytot	Lsp1
Hopx	3.04E-104	0.712684	0.599	0.458	7.44E-100	CD8+ Cytot	Hopx
Rpl29	7.39E-104	0.313916	0.985	0.923	1.81E-99	CD8+ Cytot	Rpl29
Fxyd5	9.55E-103	0.351002	0.939	0.847	2.34E-98	CD8+ Cytot	Fxyd5
Myl12b	1.13E-102	0.381145	0.912	0.834	2.76E-98	CD8+ Cytot	Myl12b
Cd226	1.46E-102	0.493185	0.597	0.442	3.56E-98	CD8+ Cytot	Cd226
Rpl37	5.56E-101	0.329231	0.989	0.936	1.36E-96	CD8+ Cytot	Rpl37
Rpl38	1.29E-100	0.365854	0.956	0.881	3.16E-96	CD8+ Cytot	Rpl38
Coro1a	2.22E-97	0.318691	0.96	0.882	5.43E-93	CD8+ Cytot	Coro1a
Rpl24	1.02E-95	0.293012	0.982	0.923	2.51E-91	CD8+ Cytot	Rpl24
Eif1	1.28E-95	0.262601	0.986	0.935	3.13E-91	CD8+ Cytot	Eif1
H2-Q7	1.66E-94	0.341707	0.925	0.852	4.07E-90	CD8+ Cytot	H2-Q7
S100a10	1.39E-93	0.348479	0.9	0.772	3.40E-89	CD8+ Cytot	S100a10
Zfp683	9.66E-92	1.226158	0.281	0.154	2.36E-87	CD8+ Cytot	Zfp683
Crip1	1.14E-91	0.395785	0.882	0.751	2.78E-87	CD8+ Cytot	Crip1
B4galnt1	6.02E-88	0.565905	0.673	0.57	1.48E-83	CD8+ Cytot	B4galnt1
Itk	2.32E-87	0.428071	0.65	0.52	5.68E-83	CD8+ Cytot	Itk
Rplp1	2.47E-87	0.256949	0.996	0.962	6.04E-83	CD8+ Cytot	Rplp1
Rpl39	3.42E-86	0.312303	0.981	0.922	8.38E-82	CD8+ Cytot	Rpl39
Slfn2	8.27E-83	0.505172	0.699	0.602	2.02E-78	CD8+ Cytot	Slfn2
Selenow	1.28E-82	0.339122	0.868	0.794	3.13E-78	CD8+ Cytot	Selenow
Dusp2	8.18E-82	0.622556	0.633	0.508	2.00E-77	CD8+ Cytot	Dusp2
Pfdn5	3.22E-80	0.339316	0.899	0.84	7.88E-76	CD8+ Cytot	Pfdn5
Psmb8	8.25E-80	0.32716	0.912	0.824	2.02E-75	CD8+ Cytot	Psmb8
Gmfg	4.07E-79	0.541699	0.68	0.594	9.97E-75	CD8+ Cytot	Gmfg
S100a4	9.11E-79	0.730424	0.549	0.414	2.23E-74	CD8+ Cytot	S100a4
Ppp1r18	8.57E-77	0.474055	0.727	0.657	2.10E-72	CD8+ Cytot	Ppp1r18
Txnip	3.99E-76	0.56972	0.633	0.535	9.76E-72	CD8+ Cytot	Txnip
Rplp0	6.00E-76	0.272119	0.994	0.944	1.47E-71	CD8+ Cytot	Rplp0
Rpl22	6.20E-76	0.268217	0.969	0.901	1.52E-71	CD8+ Cytot	Rpl22
Rps28	1.04E-74	0.348282	0.945	0.877	2.54E-70	CD8+ Cytot	Rps28
Eef2	2.00E-74	0.287778	0.942	0.886	4.89E-70	CD8+ Cytot	Eef2
Eif3f	4.78E-74	0.336122	0.883	0.821	1.17E-69	CD8+ Cytot	Eif3f
Jaml	9.59E-72	0.970276	0.362	0.248	2.35E-67	CD8+ Cytot	Jaml
Cd2	3.39E-71	0.310626	0.743	0.594	8.29E-67	CD8+ Cytot	Cd2
Rack1	3.82E-71	0.287008	0.942	0.87	9.35E-67	CD8+ Cytot	Rack1
Sit1	1.53E-69	1.016658	0.288	0.177	3.76E-65	CD8+ Cytot	Sit1

Tle5	1.64E-69	0.331409	0.858	0.787	4.01E-65	CD8+ Cytot	Tle5
Rps19	2.26E-68	0.293457	0.979	0.933	5.54E-64	CD8+ Cytot	Rps19
Acp5	1.02E-67	0.699711	0.46	0.35	2.49E-63	CD8+ Cytot	Acp5
Trac	6.53E-67	0.572007	0.53	0.402	1.60E-62	CD8+ Cytot	Trac
Rps29	8.81E-67	0.310986	0.971	0.914	2.16E-62	CD8+ Cytot	Rps29
Tbc1d10c	1.22E-65	0.515848	0.612	0.519	3.00E-61	CD8+ Cytot	Tbc1d10c
Pdcd4	7.11E-65	0.423751	0.663	0.572	1.74E-60	CD8+ Cytot	Pdcd4
Clec2d	9.71E-65	0.45703	0.683	0.604	2.38E-60	CD8+ Cytot	Clec2d
Rinl	6.77E-64	0.474766	0.649	0.566	1.66E-59	CD8+ Cytot	Rinl
Pabpc1	8.79E-64	0.320354	0.872	0.816	2.15E-59	CD8+ Cytot	Pabpc1
Ptprcap	1.72E-63	0.305699	0.882	0.742	4.22E-59	CD8+ Cytot	Ptprcap
Itgb1	6.96E-63	0.492261	0.672	0.604	1.70E-58	CD8+ Cytot	Itgb1
S100a11	6.84E-62	0.338766	0.829	0.72	1.67E-57	CD8+ Cytot	S100a11
Gimap1	1.71E-58	0.45585	0.635	0.547	4.20E-54	CD8+ Cytot	Gimap1
Il2rg	1.15E-57	0.315461	0.823	0.741	2.81E-53	CD8+ Cytot	Il2rg
Cd40lg	5.04E-57	0.857431	0.251	0.15	1.23E-52	CD8+ Cytot	Cd40lg
Sp100	1.09E-56	0.379582	0.706	0.64	2.68E-52	CD8+ Cytot	Sp100
Ubash3a	3.75E-56	0.660802	0.412	0.308	9.17E-52	CD8+ Cytot	Ubash3a
Stk17b	6.41E-56	0.423743	0.647	0.567	1.57E-51	CD8+ Cytot	Stk17b
Fam189b	7.09E-56	0.782142	0.384	0.284	1.74E-51	CD8+ Cytot	Fam189b
Btg1	7.61E-55	0.317902	0.817	0.76	1.86E-50	CD8+ Cytot	Btg1
Rpl36a	1.55E-54	0.29388	0.908	0.835	3.80E-50	CD8+ Cytot	Rpl36a
Sub1	2.43E-54	0.332873	0.834	0.764	5.95E-50	CD8+ Cytot	Sub1
Ifi47	3.91E-52	0.450859	0.602	0.52	9.58E-48	CD8+ Cytot	Ifi47
Rpl36al	4.50E-52	0.273396	0.907	0.834	1.10E-47	CD8+ Cytot	Rpl36al
Sema4a	9.05E-52	0.765462	0.401	0.311	2.22E-47	CD8+ Cytot	Sema4a
Uqcrh	3.21E-49	0.292661	0.85	0.793	7.87E-45	CD8+ Cytot	Uqcrh
Adam19	4.77E-49	0.380401	0.448	0.344	1.17E-44	CD8+ Cytot	Adam19
Klk8	4.76E-48	0.834464	0.369	0.285	1.17E-43	CD8+ Cytot	Klk8
Gstp1	5.67E-47	0.405795	0.66	0.6	1.39E-42	CD8+ Cytot	Gstp1
Gm11808	1.01E-45	0.522329	0.579	0.527	2.46E-41	CD8+ Cytot	Gm11808
Gpsm3	1.07E-45	0.465028	0.605	0.558	2.62E-41	CD8+ Cytot	Gpsm3
Trbc2	1.23E-45	0.516026	0.504	0.414	3.00E-41	CD8+ Cytot	Trbc2
Apol7e	2.34E-44	0.831392	0.265	0.179	5.72E-40	CD8+ Cytot	Apol7e
Tcf7	8.78E-44	0.668666	0.339	0.244	2.15E-39	CD8+ Cytot	Tcf7
Gabarapl2	9.25E-43	0.429363	0.632	0.591	2.27E-38	CD8+ Cytot	Gabarapl2
H2-T22	4.59E-42	0.375853	0.662	0.607	1.12E-37	CD8+ Cytot	H2-T22
Rabac1	1.31E-41	0.389815	0.654	0.612	3.21E-37	CD8+ Cytot	Rabac1
Fkbp3	2.85E-41	0.497865	0.552	0.496	6.99E-37	CD8+ Cytot	Fkbp3
Leprotl1	3.64E-40	0.357621	0.662	0.616	8.92E-36	CD8+ Cytot	Leprotl1
Fam78a	1.16E-38	0.90534	0.263	0.186	2.85E-34	CD8+ Cytot	Fam78a
Pstpip1	2.33E-38	0.653242	0.411	0.344	5.71E-34	CD8+ Cytot	Pstpip1
Ccnd2	3.37E-37	0.388568	0.582	0.509	8.24E-33	CD8+ Cytot	Ccnd2
Atp5h	4.61E-37	0.250807	0.849	0.792	1.13E-32	CD8+ Cytot	Atp5h

Zfp36l2	3.39E-36	0.321666	0.741	0.696	8.29E-32	CD8+ Cytot Zfp36l2
Gng2	3.78E-36	0.468962	0.545	0.505	9.25E-32	CD8+ Cytot Gng2
S100a13	7.49E-36	0.438654	0.582	0.542	1.83E-31	CD8+ Cytot S100a13
Ifitm10	7.62E-36	0.699822	0.358	0.282	1.87E-31	CD8+ Cytot Ifitm10
Ppp3cc	1.73E-35	0.382037	0.448	0.371	4.24E-31	CD8+ Cytot Ppp3cc
Il27ra	2.35E-35	0.523968	0.41	0.334	5.76E-31	CD8+ Cytot Il27ra
Gstp3	8.07E-35	0.643236	0.378	0.303	1.98E-30	CD8+ Cytot Gstp3
Flt3l	8.29E-35	0.629669	0.386	0.316	2.03E-30	CD8+ Cytot Flt3l
Gm8369	9.29E-35	0.67626	0.316	0.238	2.28E-30	CD8+ Cytot Gm8369
Cd6	1.19E-34	0.541899	0.378	0.297	2.93E-30	CD8+ Cytot Cd6
Ifng	5.89E-34	0.534825	0.294	0.215	1.44E-29	CD8+ Cytot Ifng
Itgb7	6.59E-34	0.343521	0.605	0.533	1.61E-29	CD8+ Cytot Itgb7
Rasal3	8.85E-34	0.48174	0.49	0.44	2.17E-29	CD8+ Cytot Rasal3
Snrpg	1.95E-33	0.278994	0.786	0.728	4.77E-29	CD8+ Cytot Snrpg
Saraf	2.73E-33	0.434541	0.577	0.547	6.67E-29	CD8+ Cytot Saraf
Ctla2a	7.30E-33	0.358609	0.471	0.385	1.79E-28	CD8+ Cytot Ctla2a
Izumo4	1.35E-32	0.835371	0.266	0.198	3.30E-28	CD8+ Cytot Izumo4
Itgal	1.52E-32	0.413048	0.544	0.496	3.72E-28	CD8+ Cytot Itgal
Itgb2	1.88E-32	0.317316	0.705	0.665	4.60E-28	CD8+ Cytot Itgb2
Vps28	2.29E-32	0.366201	0.649	0.627	5.62E-28	CD8+ Cytot Vps28
Adgre5	3.17E-31	0.357062	0.586	0.53	7.76E-27	CD8+ Cytot Adgre5
Zyx	8.44E-31	0.423375	0.572	0.525	2.07E-26	CD8+ Cytot Zyx
Prr13	2.06E-30	0.383067	0.615	0.587	5.05E-26	CD8+ Cytot Prr13
Cd48	2.26E-30	0.386926	0.61	0.576	5.54E-26	CD8+ Cytot Cd48
Pglyrp2	3.13E-30	0.616167	0.331	0.264	7.66E-26	CD8+ Cytot Pglyrp2
Nsa2	1.95E-29	0.318726	0.669	0.649	4.78E-25	CD8+ Cytot Nsa2
Ifi208	3.66E-29	0.585461	0.29	0.219	8.95E-25	CD8+ Cytot Ifi208
Il7r	3.68E-29	0.303342	0.488	0.406	9.02E-25	CD8+ Cytot Il7r
Ypel3	5.33E-29	0.30336	0.664	0.624	1.31E-24	CD8+ Cytot Ypel3
H2-Q4	9.27E-29	0.269935	0.695	0.657	2.27E-24	CD8+ Cytot H2-Q4
BE692007	1.28E-27	0.534288	0.266	0.197	3.14E-23	CD8+ Cytot BE692007
Arhgap9	4.12E-27	0.43594	0.494	0.455	1.01E-22	CD8+ Cytot Arhgap9
Gtf2i	4.18E-27	0.549765	0.399	0.348	1.02E-22	CD8+ Cytot Gtf2i
Cish	2.56E-26	0.437097	0.45	0.385	6.28E-22	CD8+ Cytot Cish
Eif3e	7.69E-26	0.36526	0.576	0.555	1.88E-21	CD8+ Cytot Eif3e
Cox5a	2.06E-25	0.268414	0.773	0.712	5.05E-21	CD8+ Cytot Cox5a
Ifi206	2.85E-25	0.606001	0.294	0.231	6.98E-21	CD8+ Cytot Ifi206
Ndufa6	1.15E-24	0.280657	0.703	0.681	2.82E-20	CD8+ Cytot Ndufa6
Gimap5	1.32E-24	0.328182	0.517	0.458	3.23E-20	CD8+ Cytot Gimap5
Uba52	1.42E-24	0.312175	0.7	0.67	3.48E-20	CD8+ Cytot Uba52
Tma7	2.06E-24	0.281188	0.704	0.67	5.05E-20	CD8+ Cytot Tma7
H2afy	9.29E-23	0.287977	0.651	0.629	2.27E-18	CD8+ Cytot H2afy
Zap70	1.23E-22	0.365053	0.473	0.42	3.02E-18	CD8+ Cytot Zap70
Grap	1.25E-22	0.514194	0.39	0.346	3.07E-18	CD8+ Cytot Grap

Isg20	1.45E-22	0.365563	0.409	0.351	3.54E-18	CD8+ Cytot Isg20
Slc9a3r1	2.14E-21	0.340189	0.526	0.499	5.24E-17	CD8+ Cytot Slc9a3r1
Cd96	2.71E-21	0.520736	0.312	0.256	6.65E-17	CD8+ Cytot Cd96
Tmem9b	3.71E-21	0.576955	0.393	0.367	9.08E-17	CD8+ Cytot Tmem9b
Sorl1	6.55E-20	0.315874	0.428	0.387	1.60E-15	CD8+ Cytot Sorl1
Dgka	1.40E-19	0.401778	0.336	0.281	3.42E-15	CD8+ Cytot Dgka
Rnf166	1.82E-19	0.544709	0.389	0.358	4.45E-15	CD8+ Cytot Rnf166
Ech1	8.45E-19	0.465655	0.457	0.436	2.07E-14	CD8+ Cytot Ech1
Med10	2.67E-18	0.591017	0.37	0.344	6.53E-14	CD8+ Cytot Med10
9-Sep	4.63E-18	0.286355	0.532	0.505	1.13E-13	CD8+ Cytot 9-Sep
P2rx7	5.83E-18	0.510068	0.332	0.29	1.43E-13	CD8+ Cytot P2rx7
Scml4	1.09E-17	0.362246	0.255	0.202	2.67E-13	CD8+ Cytot Scml4
Anxa6	2.29E-17	0.30105	0.566	0.543	5.60E-13	CD8+ Cytot Anxa6
Fgl2	5.41E-17	0.402641	0.459	0.426	1.33E-12	CD8+ Cytot Fgl2
Emg1	9.13E-17	0.361421	0.509	0.499	2.24E-12	CD8+ Cytot Emg1
Tomm7	1.61E-16	0.257998	0.63	0.61	3.93E-12	CD8+ Cytot Tomm7
Prdx6	1.85E-16	0.264758	0.545	0.522	4.53E-12	CD8+ Cytot Prdx6
Slamf7	2.18E-16	0.596527	0.29	0.247	5.35E-12	CD8+ Cytot Slamf7
Abhd8	3.90E-16	0.559039	0.305	0.264	9.55E-12	CD8+ Cytot Abhd8
Sh2d2a	4.55E-16	0.257247	0.514	0.463	1.11E-11	CD8+ Cytot Sh2d2a
Rcbtb2	4.78E-16	0.660836	0.316	0.285	1.17E-11	CD8+ Cytot Rcbtb2
Dnaja1	8.33E-16	0.279317	0.581	0.573	2.04E-11	CD8+ Cytot Dnaja1
Psmb10	3.09E-15	0.266719	0.58	0.564	7.56E-11	CD8+ Cytot Psmb10
Lpxn	4.04E-15	0.415181	0.429	0.41	9.90E-11	CD8+ Cytot Lpxn
Twf2	4.11E-15	0.40688	0.46	0.451	1.01E-10	CD8+ Cytot Twf2
Acap1	4.19E-15	0.36403	0.42	0.386	1.03E-10	CD8+ Cytot Acap1
Pttg1	1.08E-14	0.506894	0.382	0.36	2.65E-10	CD8+ Cytot Pttg1
Tprgl	1.37E-14	0.427445	0.434	0.422	3.36E-10	CD8+ Cytot Tprgl
Trbc1	1.39E-14	0.533593	0.284	0.241	3.40E-10	CD8+ Cytot Trbc1
Npm3	1.64E-14	0.425377	0.4	0.38	4.01E-10	CD8+ Cytot Npm3
Sash3	2.02E-14	0.496756	0.392	0.373	4.95E-10	CD8+ Cytot Sash3
Evl	7.79E-14	0.270477	0.509	0.487	1.91E-09	CD8+ Cytot Evl
Scand1	2.57E-13	0.282738	0.582	0.584	6.29E-09	CD8+ Cytot Scand1
Supt4a	3.63E-13	0.312566	0.528	0.532	8.88E-09	CD8+ Cytot Supt4a
Pkp3	3.67E-13	0.416875	0.362	0.327	8.99E-09	CD8+ Cytot Pkp3
Lfng	4.49E-13	0.415511	0.385	0.362	1.10E-08	CD8+ Cytot Lfng
Rnf167	1.91E-12	0.511879	0.356	0.337	4.67E-08	CD8+ Cytot Rnf167
Padi2	2.28E-12	0.529911	0.286	0.253	5.59E-08	CD8+ Cytot Padi2
Ifi27	4.85E-12	0.27268	0.491	0.467	1.19E-07	CD8+ Cytot Ifi27
Mettl23	6.70E-12	0.393619	0.434	0.43	1.64E-07	CD8+ Cytot Mettl23
Cd69	1.09E-11	0.258253	0.407	0.372	2.67E-07	CD8+ Cytot Cd69
Gimap9	1.45E-11	0.355895	0.374	0.345	3.56E-07	CD8+ Cytot Gimap9
Cdc42ep3	2.24E-11	0.553572	0.263	0.232	5.48E-07	CD8+ Cytot Cdc42ep3
6-Sep	4.65E-11	0.311759	0.418	0.402	1.14E-06	CD8+ Cytot 6-Sep

Hip1	6.02E-11	0.378616	0.323	0.297	1.47E-06	CD8+ Cytot Hip1
1110008P1	7.06E-11	0.467187	0.353	0.334	1.73E-06	CD8+ Cytot 1110008P14Rik
Al413582	2.37E-10	0.424633	0.398	0.392	5.80E-06	CD8+ Cytot Al413582
Fam102a	3.03E-10	0.276002	0.315	0.281	7.43E-06	CD8+ Cytot Fam102a
Syf2	3.14E-10	0.369334	0.414	0.411	7.69E-06	CD8+ Cytot Syf2
Aprt	4.13E-10	0.325623	0.472	0.461	1.01E-05	CD8+ Cytot Aprt
Cbx4	5.59E-10	0.428002	0.341	0.322	1.37E-05	CD8+ Cytot Cbx4
Ifi213	7.25E-10	0.380987	0.263	0.23	1.78E-05	CD8+ Cytot Ifi213
Mrps16	1.69E-09	0.370429	0.433	0.44	4.14E-05	CD8+ Cytot Mrps16
Ccdc85b	3.83E-09	0.499154	0.286	0.266	9.38E-05	CD8+ Cytot Ccdc85b
Mxd4	4.12E-09	0.439915	0.331	0.312	0.000101	CD8+ Cytot Mxd4
Glipr2	6.70E-09	0.44366	0.324	0.305	0.000164	CD8+ Cytot Glipr2
Arl4c	7.30E-09	0.502898	0.319	0.304	0.000179	CD8+ Cytot Arl4c
Pdpf	8.26E-09	0.342947	0.424	0.422	0.000202	CD8+ Cytot Pdpf
Rnf187	1.01E-08	0.313479	0.472	0.482	0.000247	CD8+ Cytot Rnf187
Il16	1.31E-08	0.371123	0.386	0.382	0.000321	CD8+ Cytot Il16
Scamp3	1.54E-08	0.371825	0.39	0.389	0.000378	CD8+ Cytot Scamp3
Chd3	1.90E-08	0.297517	0.383	0.366	0.000464	CD8+ Cytot Chd3
Cd7	3.44E-08	0.285616	0.323	0.284	0.000843	CD8+ Cytot Cd7
Sec11a	4.59E-08	0.298138	0.465	0.48	0.001123	CD8+ Cytot Sec11a
Churc1	1.68E-07	0.446617	0.358	0.358	0.004113	CD8+ Cytot Churc1
Rtp4	3.17E-07	0.370499	0.348	0.333	0.007759	CD8+ Cytot Rtp4
Zbp1	4.58E-07	0.292796	0.383	0.372	0.011218	CD8+ Cytot Zbp1
Al467606	8.12E-07	0.426296	0.295	0.28	0.019883	CD8+ Cytot Al467606
Sh2d1a	8.36E-07	0.251118	0.32	0.295	0.020468	CD8+ Cytot Sh2d1a
Rab8a	8.48E-07	0.361907	0.399	0.409	0.020772	CD8+ Cytot Rab8a
Lef1	8.86E-07	0.369123	0.261	0.236	0.021706	CD8+ Cytot Lef1
Sh2d3c	3.63E-06	0.387214	0.253	0.236	0.088941	CD8+ Cytot Sh2d3c
Zdhhc18	1.50E-05	0.257638	0.362	0.358	0.366595	CD8+ Cytot Zdhhc18
Cnp	7.56E-05	0.37562	0.328	0.332	1	CD8+ Cytot Cnp
Gramd1a	9.53E-05	0.256277	0.375	0.38	1	CD8+ Cytot Gramd1a
Thap3	0.000107	0.394844	0.266	0.258	1	CD8+ Cytot Thap3
Def6	0.000111	0.290081	0.37	0.378	1	CD8+ Cytot Def6
Idnk	0.000126	0.313908	0.369	0.38	1	CD8+ Cytot Idnk
Cd27	0.000197	0.264035	0.292	0.279	1	CD8+ Cytot Cd27
Paip2	0.000228	0.273548	0.438	0.463	1	CD8+ Cytot Paip2
Tbrg1	0.00023	0.338045	0.338	0.344	1	CD8+ Cytot Tbrg1
Tmem134	0.000257	0.297427	0.408	0.43	1	CD8+ Cytot Tmem134
Lypla2	0.000268	0.342302	0.374	0.389	1	CD8+ Cytot Lypla2
Rassf5	0.000356	0.34677	0.319	0.324	1	CD8+ Cytot Rassf5
Sp110	0.000394	0.261862	0.385	0.401	1	CD8+ Cytot Sp110
Dusp11	0.000504	0.297692	0.374	0.391	1	CD8+ Cytot Dusp11
Sptssa	0.000504	0.328128	0.41	0.434	1	CD8+ Cytot Sptssa
Cited2	0.000625	0.356961	0.344	0.35	1	CD8+ Cytot Cited2

Emc10	0.001004	0.282237	0.412	0.439	1	CD8+ Cytot	Emc10
Maf1	0.001961	0.323453	0.36	0.379	1	CD8+ Cytot	Maf1
Cirbp	0.001987	0.356581	0.349	0.362	1	CD8+ Cytot	Cirbp
Tsc22d3	0.002678	0.304807	0.347	0.353	1	CD8+ Cytot	Tsc22d3
Uqcc2	0.004086	0.2689	0.402	0.428	1	CD8+ Cytot	Uqcc2
Fam32a	0.004392	0.325123	0.312	0.325	1	CD8+ Cytot	Fam32a
Pop5	0.00528	0.372418	0.304	0.317	1	CD8+ Cytot	Pop5
Mrpl58	0.005314	0.366044	0.338	0.357	1	CD8+ Cytot	Mrpl58
Chmp1a	0.006883	0.47194	0.252	0.257	1	CD8+ Cytot	Chmp1a
Arl2bp	0.008201	0.323971	0.302	0.311	1	CD8+ Cytot	Arl2bp
Mogs	0.00941	0.252323	0.21	0.253	1	CD8+ Cytot	Mogs
Tnfrsf4	0	3.026921	0.727	0.153	0	Treg	Tnfrsf4
Ctla4	0	2.657371	0.692	0.2	0	Treg	Ctla4
Izumo1r	0	3.071834	0.628	0.141	0	Treg	Izumo1r
Capg	0	1.97467	0.676	0.291	0	Treg	Capg
Tnfrsf18	0	1.993415	0.757	0.407	0	Treg	Tnfrsf18
Foxp3	0	3.566081	0.399	0.055	0	Treg	Foxp3
Ifi27l2a	0	1.793905	0.947	0.61	0	Treg	Ifi27l2a
Il2ra	1.47E-292	2.391758	0.432	0.133	3.60E-288	Treg	Il2ra
Icos	2.25E-284	1.909264	0.585	0.253	5.51E-280	Treg	Icos
Shisa51	3.38E-283	0.825138	0.982	0.887	8.28E-279	Treg	Shisa5
Ly6a1	4.93E-269	1.235529	0.897	0.638	1.21E-264	Treg	Ly6a
Ikzf2	1.02E-261	1.87184	0.54	0.235	2.50E-257	Treg	Ikzf2
H2-K11	3.01E-245	0.538178	0.999	0.974	7.36E-241	Treg	H2-K1
Cd5	3.80E-233	1.350245	0.665	0.344	9.32E-229	Treg	Cd5
Cd21	7.27E-228	1.123981	0.836	0.602	1.78E-223	Treg	Cd2
Cd4	2.80E-216	1.527467	0.462	0.173	6.85E-212	Treg	Cd4
Ass1	3.27E-202	1.560103	0.565	0.281	8.00E-198	Treg	Ass1
Rln3	2.80E-183	2.595502	0.262	0.072	6.86E-179	Treg	Rln3
Tigit	2.00E-179	1.714926	0.527	0.269	4.91E-175	Treg	Tigit
Ptprcap1	1.27E-177	0.747119	0.92	0.756	3.11E-173	Treg	Ptprcap
Ltb1	7.37E-177	0.82973	0.928	0.75	1.80E-172	Treg	Ltb
Srgn	5.20E-162	0.829846	0.95	0.845	1.27E-157	Treg	Srgn
Tnfrsf9	2.67E-157	2.053005	0.376	0.153	6.55E-153	Treg	Tnfrsf9
Isg201	1.77E-153	1.528553	0.575	0.337	4.34E-149	Treg	Isg20
Cd3d1	3.72E-153	0.679001	0.927	0.684	9.12E-149	Treg	Cd3d
AW112010	3.36E-147	0.632017	0.978	0.866	8.24E-143	Treg	AW112010
Cd3e1	3.73E-147	0.615857	0.95	0.713	9.14E-143	Treg	Cd3e
Glrx	8.38E-144	1.572966	0.53	0.312	2.05E-139	Treg	Glrx
Stat1	1.12E-142	1.049847	0.792	0.628	2.75E-138	Treg	Stat1
Ccr8	1.23E-140	1.789989	0.383	0.168	3.02E-136	Treg	Ccr8
H2-D1	5.90E-140	0.401652	0.998	0.969	1.44E-135	Treg	H2-D1
Iigp1	2.33E-136	1.776096	0.337	0.137	5.70E-132	Treg	Iigp1
Cd3g1	5.28E-136	0.57713	0.946	0.72	1.29E-131	Treg	Cd3g

Ndfip1	5.99E-136	0.748557	0.869	0.768	1.47E-131	Treg	Ndfip1
Samhd1	1.28E-134	1.285179	0.681	0.504	3.14E-130	Treg	Samhd1
Trac1	4.56E-132	1.015969	0.642	0.404	1.12E-127	Treg	Trac
Igflr1	2.42E-130	1.500721	0.408	0.195	5.91E-126	Treg	Igflr1
Arl5a	4.25E-127	1.943877	0.394	0.201	1.04E-122	Treg	Arl5a
Limd2	7.19E-124	0.645664	0.889	0.771	1.76E-119	Treg	Limd2
H2-T23	3.81E-122	0.638586	0.917	0.811	9.34E-118	Treg	H2-T23
Tspan32	5.90E-119	1.322683	0.458	0.247	1.44E-114	Treg	Tspan32
Rac21	8.83E-118	0.48656	0.965	0.89	2.16E-113	Treg	Rac2
Maf	7.17E-116	1.293661	0.452	0.241	1.76E-111	Treg	Maf
B2m	1.42E-115	0.385328	0.994	0.951	3.48E-111	Treg	B2m
Sdf4	3.30E-115	0.955628	0.732	0.593	8.09E-111	Treg	Sdf4
Pglyrp1	6.86E-113	1.198259	0.583	0.381	1.68E-108	Treg	Pglyrp1
Gbp6	6.53E-110	1.458286	0.426	0.231	1.60E-105	Treg	Gbp6
Rpl241	3.23E-109	0.418908	0.979	0.931	7.92E-105	Treg	Rpl24
Dusp1	3.82E-109	1.419082	0.479	0.278	9.35E-105	Treg	Dusp1
Inpp4b	9.63E-108	0.371216	0.877	0.716	2.36E-103	Treg	Inpp4b
H2-T221	1.29E-107	0.869986	0.748	0.603	3.15E-103	Treg	H2-T22
Igtp	1.92E-105	1.328421	0.536	0.352	4.69E-101	Treg	Igtp
S100a101	4.20E-103	0.630629	0.905	0.788	1.03E-98	Treg	S100a10
A430093F1	5.72E-103	1.506711	0.324	0.148	1.40E-98	Treg	A430093F15Rik
Adamts6	1.60E-101	1.543585	0.26	0.104	3.92E-97	Treg	Adamts6
Rps15a1	3.23E-99	0.350236	0.997	0.96	7.91E-95	Treg	Rps15a
Ephx1	1.07E-95	1.788101	0.259	0.108	2.61E-91	Treg	Ephx1
Rabgap1l	2.73E-94	0.689161	0.67	0.513	6.68E-90	Treg	Rabgap1l
Fxyd51	7.96E-93	0.492075	0.941	0.859	1.95E-88	Treg	Fxyd5
Cish1	2.46E-92	0.966029	0.568	0.378	6.01E-88	Treg	Cish
S100a111	2.90E-92	0.616948	0.864	0.73	7.09E-88	Treg	S100a11
Fam169b	5.52E-91	1.125603	0.352	0.176	1.35E-86	Treg	Fam169b
Rgs1	1.88E-90	0.890116	0.715	0.551	4.59E-86	Treg	Rgs1
Smpdl3a	3.60E-90	1.001616	0.549	0.373	8.81E-86	Treg	Smpdl3a
Tox	1.15E-87	0.772888	0.482	0.287	2.82E-83	Treg	Tox
Jund	4.10E-86	0.622246	0.869	0.772	1.00E-81	Treg	Jund
Tpt11	4.19E-85	0.294275	0.998	0.967	1.03E-80	Treg	Tpt1
Nfkb1a	1.63E-84	1.034281	0.663	0.503	3.99E-80	Treg	Nfkb1a
Pim1	2.62E-84	1.270522	0.519	0.37	6.43E-80	Treg	Pim1
Itgae	5.22E-84	1.282475	0.329	0.163	1.28E-79	Treg	Itgae
Lat1	1.15E-82	0.579264	0.827	0.659	2.82E-78	Treg	Lat
Pkp31	1.92E-82	1.037825	0.493	0.315	4.70E-78	Treg	Pkp3
Hif1a	2.00E-82	1.21358	0.471	0.306	4.91E-78	Treg	Hif1a
Cd61	3.74E-82	0.948783	0.48	0.294	9.15E-78	Treg	Cd6
Gm83691	2.83E-81	1.052222	0.413	0.235	6.93E-77	Treg	Gm8369
Gstp31	6.22E-80	1.039425	0.475	0.3	1.52E-75	Treg	Gstp3
Psmb9	1.03E-79	0.632153	0.786	0.66	2.52E-75	Treg	Psmb9

Selenow1	5.22E-79	0.507745	0.891	0.801	1.28E-74	Treg	Selenow
Lck1	1.18E-78	0.495666	0.848	0.7	2.90E-74	Treg	Lck
Psmb81	3.77E-77	0.458352	0.922	0.834	9.23E-73	Treg	Psmb8
Ly6e	4.05E-77	0.410264	0.97	0.916	9.91E-73	Treg	Ly6e
Samsn1	3.93E-76	1.249095	0.437	0.282	9.62E-72	Treg	Samsn1
Coro1a1	5.92E-76	0.390596	0.952	0.893	1.45E-71	Treg	Coro1a
Cyb5a	4.27E-75	1.006064	0.56	0.423	1.05E-70	Treg	Cyb5a
Zbp11	1.69E-72	1.127767	0.511	0.357	4.13E-68	Treg	Zbp1
Rpl391	1.91E-72	0.362153	0.984	0.93	4.69E-68	Treg	Rpl39
Rgs10	7.54E-72	0.762424	0.64	0.476	1.85E-67	Treg	Rgs10
Mndal	9.87E-71	0.843301	0.615	0.468	2.42E-66	Treg	Mndal
Gimap11	3.46E-68	0.579525	0.692	0.551	8.48E-64	Treg	Gimap1
Pdcd1	5.53E-68	1.313987	0.322	0.173	1.35E-63	Treg	Pdcd1
Ifi203	8.12E-68	0.896844	0.598	0.461	1.99E-63	Treg	Ifi203
Rps271	9.40E-67	0.31569	0.983	0.925	2.30E-62	Treg	Rps27
Serpina3g	3.27E-66	1.148369	0.459	0.306	8.01E-62	Treg	Serpina3g
Zfp36l1	4.56E-64	0.938279	0.613	0.489	1.12E-59	Treg	Zfp36l1
Slfn11	4.93E-64	0.913341	0.506	0.345	1.21E-59	Treg	Slfn1
Rps131	1.01E-63	0.252002	0.995	0.958	2.48E-59	Treg	Rps13
Rpl271	2.55E-63	0.280945	0.986	0.935	6.25E-59	Treg	Rpl27
H2-Q71	4.89E-63	0.406496	0.928	0.861	1.20E-58	Treg	H2-Q7
Rpl221	2.85E-62	0.325439	0.969	0.91	6.97E-58	Treg	Rpl22
Cd28	8.60E-62	0.837346	0.419	0.26	2.11E-57	Treg	Cd28
Rhoh	2.17E-61	0.819746	0.548	0.411	5.32E-57	Treg	Rhoh
Eva1b	3.29E-61	1.282788	0.315	0.179	8.06E-57	Treg	Eva1b
Tap1	1.49E-60	0.687532	0.643	0.523	3.65E-56	Treg	Tap1
Ubb	4.06E-60	0.278648	0.988	0.952	9.94E-56	Treg	Ubb
Smco4	4.81E-60	1.083901	0.358	0.216	1.18E-55	Treg	Smco4
Ypel31	5.02E-60	0.580383	0.731	0.62	1.23E-55	Treg	Ypel3
Plaat3	1.41E-59	0.720451	0.62	0.506	3.46E-55	Treg	Plaat3
Actg1	2.37E-59	0.401125	0.971	0.925	5.81E-55	Treg	Actg1
Btg11	3.11E-59	0.48083	0.843	0.764	7.61E-55	Treg	Btg1
BE6920071	4.41E-59	0.967581	0.341	0.196	1.08E-54	Treg	BE692007
Mif4gd	5.49E-59	1.069539	0.413	0.276	1.34E-54	Treg	Mif4gd
Rpl341	1.83E-58	0.258573	0.993	0.949	4.47E-54	Treg	Rpl34
Gm20275	2.15E-58	1.028465	0.275	0.146	5.26E-54	Treg	Gm20275
Aopep	1.83E-57	0.608855	0.605	0.469	4.48E-53	Treg	Aopep
Akap13	2.70E-56	0.525759	0.738	0.651	6.60E-52	Treg	Akap13
Rpl37a1	7.00E-56	0.25309	0.992	0.951	1.71E-51	Treg	Rpl37a
Gimap31	7.30E-56	0.467557	0.806	0.69	1.79E-51	Treg	Gimap3
Cnn21	7.55E-56	0.452407	0.82	0.72	1.85E-51	Treg	Cnn2
Mgst2	2.34E-55	1.183074	0.312	0.182	5.73E-51	Treg	Mgst2
2410006H1	6.39E-55	0.717479	0.666	0.561	1.56E-50	Treg	2410006H16Rik
Cd247	8.76E-55	0.548006	0.595	0.448	2.15E-50	Treg	Cd247

Gimap71	1.21E-53	0.666349	0.623	0.494	2.97E-49	Treg	Gimap7
Pfdn51	2.08E-53	0.329704	0.912	0.846	5.11E-49	Treg	Pfdn5
Leprotl11	2.60E-53	0.569958	0.705	0.616	6.37E-49	Treg	Leprotl1
Tnfrsf1b	3.95E-53	1.142731	0.413	0.292	9.66E-49	Treg	Tnfrsf1b
Camk4	6.21E-53	0.74458	0.452	0.31	1.52E-48	Treg	Camk4
Socs2	1.23E-52	1.203458	0.288	0.164	3.02E-48	Treg	Socs2
Socs1	1.91E-52	1.031435	0.525	0.404	4.67E-48	Treg	Socs1
Psen2	9.21E-52	1.185587	0.353	0.23	2.25E-47	Treg	Psen2
Ddit4	6.11E-51	0.945519	0.424	0.293	1.50E-46	Treg	Ddit4
Slamf1	1.05E-50	0.869545	0.305	0.175	2.58E-46	Treg	Slamf1
Vps54	4.56E-50	0.873441	0.416	0.288	1.12E-45	Treg	Vps54
Cytip	1.05E-49	0.692365	0.605	0.486	2.56E-45	Treg	Cytip
Sntb1	1.58E-49	0.648254	0.408	0.266	3.86E-45	Treg	Sntb1
Il2rg1	2.55E-49	0.401307	0.84	0.75	6.25E-45	Treg	Il2rg
Cd271	4.78E-49	1.040587	0.393	0.267	1.17E-44	Treg	Cd27
Itgb71	1.44E-47	0.611639	0.647	0.537	3.54E-43	Treg	Itgb7
Ucp2	6.56E-47	0.446518	0.875	0.821	1.61E-42	Treg	Ucp2
Eif3f1	1.25E-46	0.327795	0.883	0.829	3.07E-42	Treg	Eif3f
Isg15	1.77E-45	1.517624	0.414	0.296	4.34E-41	Treg	Isg15
Gbp7	2.35E-45	1.062503	0.39	0.275	5.75E-41	Treg	Gbp7
Phf11b	2.61E-45	1.14586	0.405	0.289	6.39E-41	Treg	Phf11b
Ifi471	3.17E-45	0.750268	0.621	0.528	7.77E-41	Treg	Ifi47
Psme2	9.33E-45	0.478039	0.823	0.741	2.28E-40	Treg	Psme2
Batf	6.03E-44	1.193633	0.325	0.212	1.48E-39	Treg	Batf
Cd37	6.78E-44	0.458894	0.78	0.713	1.66E-39	Treg	Cd37
Ptpn181	9.61E-44	0.313777	0.906	0.845	2.35E-39	Treg	Ptpn18
Arf5	1.04E-43	0.427748	0.759	0.685	2.55E-39	Treg	Arf5
Peli1	1.09E-43	0.640235	0.595	0.504	2.67E-39	Treg	Peli1
Gimap41	2.97E-43	0.38135	0.821	0.701	7.27E-39	Treg	Gimap4
Rilpl2	1.62E-42	1.369297	0.31	0.203	3.97E-38	Treg	Rilpl2
Abracl	8.07E-42	0.550376	0.646	0.557	1.98E-37	Treg	Abracl
Cdk2ap2	1.28E-41	0.544726	0.676	0.59	3.15E-37	Treg	Cdk2ap2
Ttc39c	2.97E-41	0.940658	0.296	0.183	7.27E-37	Treg	Ttc39c
Ms4a6b1	7.91E-41	0.500288	0.702	0.617	1.94E-36	Treg	Ms4a6b
Crlf2	8.41E-41	0.827883	0.472	0.368	2.06E-36	Treg	Crlf2
Pnrc1	1.35E-40	0.502771	0.682	0.605	3.30E-36	Treg	Pnrc1
Slfn21	2.04E-40	0.510809	0.701	0.614	4.99E-36	Treg	Slfn2
Odc1	2.15E-40	1.056954	0.42	0.314	5.26E-36	Treg	Odc1
Rtp41	6.92E-40	0.94693	0.435	0.324	1.70E-35	Treg	Rtp4
Cd691	7.57E-40	0.867586	0.484	0.367	1.85E-35	Treg	Cd69
Ets1	8.54E-40	0.386499	0.723	0.621	2.09E-35	Treg	Ets1
Myl12a	9.09E-39	0.362578	0.83	0.758	2.23E-34	Treg	Myl12a
Prkca	1.44E-38	0.497957	0.553	0.444	3.52E-34	Treg	Prkca
Sri	1.49E-38	0.483666	0.691	0.617	3.64E-34	Treg	Sri

Sh2d1a1	2.28E-38	0.773481	0.408	0.287	5.58E-34	Treg	Sh2d1a
Ifi209	7.57E-38	0.946737	0.395	0.286	1.85E-33	Treg	Ifi209
Prr131	3.67E-37	0.478424	0.661	0.585	8.99E-33	Treg	Prr13
Sdhaf1	3.77E-37	1.216194	0.276	0.177	9.23E-33	Treg	Sdhaf1
Prkch	8.00E-37	0.35671	0.723	0.634	1.96E-32	Treg	Prkch
Irf7	3.02E-36	0.913214	0.426	0.32	7.39E-32	Treg	Irf7
Rbm38	4.00E-36	0.896892	0.374	0.271	9.80E-32	Treg	Rbm38
Tap2	2.85E-35	0.543507	0.625	0.55	6.99E-31	Treg	Tap2
Arhgdib1	3.02E-35	0.256049	0.936	0.881	7.41E-31	Treg	Arhgdib
Bcl2a1b	9.22E-35	0.746831	0.483	0.372	2.26E-30	Treg	Bcl2a1b
Ifngr1	1.68E-34	0.648689	0.732	0.736	4.12E-30	Treg	Ifngr1
Gapdh	2.41E-34	0.342974	0.82	0.75	5.91E-30	Treg	Gapdh
Nxpe3	4.58E-34	0.776871	0.275	0.172	1.12E-29	Treg	Nxpe3
Ldha	5.71E-34	0.375818	0.776	0.699	1.40E-29	Treg	Ldha
Myl12b1	7.50E-34	0.293213	0.894	0.847	1.84E-29	Treg	Myl12b
2310001H1	1.35E-33	0.971991	0.332	0.23	3.30E-29	Treg	2310001H17Rik
Spint2	4.01E-33	0.768793	0.415	0.313	9.82E-29	Treg	Spint2
Psme1	1.31E-32	0.360669	0.837	0.781	3.21E-28	Treg	Psme1
Vim	1.38E-32	0.554618	0.775	0.711	3.37E-28	Treg	Vim
Ccnd21	1.68E-32	0.52714	0.61	0.515	4.12E-28	Treg	Ccnd2
Mcl1	1.75E-32	0.489818	0.635	0.562	4.28E-28	Treg	Mcl1
P2ry10	3.59E-32	0.797801	0.281	0.181	8.79E-28	Treg	P2ry10
Lsp11	5.09E-32	0.33221	0.753	0.674	1.25E-27	Treg	Lsp1
Coro2a	7.84E-32	0.54246	0.584	0.496	1.92E-27	Treg	Coro2a
Grap1	8.86E-32	0.671281	0.443	0.345	2.17E-27	Treg	Grap
Mmd	9.17E-32	1.188787	0.26	0.171	2.24E-27	Treg	Mmd
Lbh	9.39E-32	0.882844	0.348	0.252	2.30E-27	Treg	Lbh
Nrip1	1.20E-31	0.809758	0.411	0.317	2.94E-27	Treg	Nrip1
Ubl5	4.16E-31	0.364301	0.737	0.683	1.02E-26	Treg	Ubl5
Traf1	9.92E-31	0.678067	0.411	0.306	2.43E-26	Treg	Traf1
Tmem154	8.39E-30	0.712817	0.298	0.199	2.06E-25	Treg	Tmem154
Btf3	9.42E-30	0.260337	0.894	0.847	2.31E-25	Treg	Btf3
Aldoa	1.02E-29	0.392069	0.801	0.732	2.50E-25	Treg	Aldoa
Vamp8	3.12E-29	0.49485	0.629	0.554	7.63E-25	Treg	Vamp8
Dusp5	6.09E-29	0.738889	0.303	0.208	1.49E-24	Treg	Dusp5
Uqcrh1	1.89E-28	0.269481	0.84	0.802	4.62E-24	Treg	Uqcrh
Glcci1	2.18E-28	0.896417	0.27	0.179	5.35E-24	Treg	Glcci1
Xaf1	2.23E-28	0.870007	0.378	0.289	5.46E-24	Treg	Xaf1
Ifi2131	3.74E-28	0.862912	0.32	0.227	9.15E-24	Treg	Ifi213
Fis1	4.46E-28	0.382059	0.698	0.642	1.09E-23	Treg	Fis1
Mdfic	1.27E-27	0.5256	0.387	0.291	3.10E-23	Treg	Mdfic
Arhgef1	5.18E-27	0.387291	0.644	0.574	1.27E-22	Treg	Arhgef1
Tle51	6.21E-27	0.252026	0.848	0.798	1.52E-22	Treg	Tle5
Zap701	8.26E-27	0.479052	0.52	0.421	2.02E-22	Treg	Zap70

Gpi1	8.89E-27	0.407421	0.678	0.61	2.18E-22	Treg	Gpi1
Gbp4	1.01E-26	0.79337	0.357	0.268	2.47E-22	Treg	Gbp4
Fam3c	1.65E-26	0.994568	0.3	0.216	4.05E-22	Treg	Fam3c
Gimap61	2.10E-26	0.309171	0.719	0.634	5.15E-22	Treg	Gimap6
1110008P1	2.36E-26	0.653171	0.418	0.328	5.77E-22	Treg	1110008P14Rik
Il2rb	2.54E-26	0.27583	0.723	0.608	6.22E-22	Treg	Il2rb
Ppp1r181	4.58E-26	0.349136	0.719	0.667	1.12E-21	Treg	Ppp1r18
S100a131	4.70E-26	0.452537	0.611	0.544	1.15E-21	Treg	S100a13
Bst2	8.20E-26	0.572114	0.605	0.523	2.01E-21	Treg	Bst2
Tmem50a	1.35E-25	0.327638	0.747	0.694	3.31E-21	Treg	Tmem50a
Parp14	8.03E-25	0.83843	0.362	0.279	1.97E-20	Treg	Parp14
Junb	8.22E-25	0.377144	0.757	0.682	2.01E-20	Treg	Junb
Elob	1.20E-24	0.287824	0.829	0.767	2.94E-20	Treg	Elob
Polr1d	1.57E-24	0.353045	0.694	0.633	3.85E-20	Treg	Polr1d
Mrp152	1.87E-24	0.412993	0.637	0.57	4.59E-20	Treg	Mrp152
H1f0	2.39E-24	0.82083	0.291	0.208	5.84E-20	Treg	H1f0
Gstp11	2.88E-24	0.392417	0.665	0.607	7.06E-20	Treg	Gstp1
Lrp10	2.92E-24	0.524207	0.515	0.449	7.14E-20	Treg	Lrp10
Ifi2061	3.32E-24	0.80038	0.321	0.236	8.14E-20	Treg	Ifi206
Clec2d1	4.16E-24	0.384411	0.669	0.616	1.02E-19	Treg	Clec2d
Fkbp1a	1.37E-23	0.473677	0.586	0.53	3.36E-19	Treg	Fkbp1a
Rbpj	2.08E-23	0.592575	0.464	0.389	5.09E-19	Treg	Rbpj
Itgav	3.04E-23	0.924202	0.328	0.252	7.44E-19	Treg	Itgav
Jak2	3.49E-23	0.711908	0.34	0.258	8.55E-19	Treg	Jak2
Tank	4.82E-23	0.740812	0.331	0.252	1.18E-18	Treg	Tank
Coro1b	6.93E-23	0.549952	0.501	0.434	1.70E-18	Treg	Coro1b
Edf1	1.02E-22	0.343234	0.736	0.674	2.50E-18	Treg	Edf1
Ptpn7	1.24E-22	0.763907	0.342	0.262	3.04E-18	Treg	Ptpn7
Kcnn4	1.54E-22	0.652199	0.337	0.253	3.76E-18	Treg	Kcnn4
Gas5	2.52E-22	0.357033	0.721	0.672	6.17E-18	Treg	Gas5
Gimap51	3.27E-22	0.462077	0.548	0.462	8.00E-18	Treg	Gimap5
Gimap91	6.60E-22	0.567402	0.424	0.342	1.62E-17	Treg	Gimap9
Cxcr31	8.55E-22	0.355413	0.585	0.496	2.09E-17	Treg	Cxcr3
Rap1b	1.11E-21	0.289291	0.762	0.734	2.73E-17	Treg	Rap1b
Tapbp	1.27E-21	0.489474	0.605	0.555	3.11E-17	Treg	Tapbp
Hopx1	1.70E-21	0.473004	0.565	0.481	4.17E-17	Treg	Hopx
Trbc21	3.39E-21	0.420281	0.512	0.425	8.30E-17	Treg	Trbc2
Il27ra1	4.33E-21	0.505147	0.424	0.342	1.06E-16	Treg	Il27ra
S100a41	4.36E-21	0.447688	0.528	0.434	1.07E-16	Treg	S100a4
Trp53i11	5.42E-21	0.729637	0.25	0.173	1.33E-16	Treg	Trp53i11
Il7r1	8.12E-21	0.393378	0.506	0.415	1.99E-16	Treg	Il7r
Supt4a1	2.78E-20	0.426324	0.574	0.525	6.81E-16	Treg	Supt4a
Sla	4.73E-20	0.53364	0.467	0.4	1.16E-15	Treg	Sla
Pkm	5.74E-20	0.309396	0.711	0.646	1.41E-15	Treg	Pkm

Jak3	1.04E-19	0.794617	0.275	0.204	2.55E-15	Treg	Jak3
Trim30a	1.51E-19	0.657134	0.403	0.332	3.69E-15	Treg	Trim30a
Tgtp2	1.89E-19	0.895883	0.282	0.21	4.64E-15	Treg	Tgtp2
Ifi35	3.43E-19	0.713071	0.419	0.359	8.40E-15	Treg	Ifi35
Ube2b	3.66E-19	0.41745	0.559	0.51	8.95E-15	Treg	Ube2b
Chmp4b	3.73E-19	0.406459	0.623	0.575	9.13E-15	Treg	Chmp4b
Irgm1	5.68E-19	0.768414	0.357	0.294	1.39E-14	Treg	Irgm1
Tbc1d10c1	5.82E-19	0.338486	0.598	0.533	1.43E-14	Treg	Tbc1d10c
Eif3h	5.98E-19	0.27324	0.774	0.733	1.46E-14	Treg	Eif3h
Ptger4	6.52E-19	0.719094	0.279	0.207	1.60E-14	Treg	Ptger4
1600014C1	7.10E-19	0.792409	0.311	0.242	1.74E-14	Treg	1600014C10Rik
Mrps6	2.57E-18	0.756719	0.28	0.212	6.29E-14	Treg	Mrps6
Rnaset2a	3.00E-18	0.742074	0.323	0.258	7.34E-14	Treg	Rnaset2a
Dtx3l	4.99E-18	0.841325	0.272	0.206	1.22E-13	Treg	Dtx3l
Agfg1	5.26E-18	0.599984	0.353	0.285	1.29E-13	Treg	Agfg1
Rap1a	9.43E-18	0.340452	0.625	0.578	2.31E-13	Treg	Rap1a
Snx20	9.48E-18	0.697411	0.337	0.274	2.32E-13	Treg	Snx20
Ubash3a1	1.95E-17	0.442286	0.402	0.323	4.77E-13	Treg	Ubash3a
Scand11	2.35E-17	0.304235	0.624	0.579	5.76E-13	Treg	Scand1
Rapgef6	2.46E-17	0.306386	0.607	0.566	6.02E-13	Treg	Rapgef6
Sec61g	2.68E-17	0.295131	0.668	0.619	6.57E-13	Treg	Sec61g
Cdc42se2	4.34E-17	0.465534	0.486	0.437	1.06E-12	Treg	Cdc42se2
Mettl231	6.02E-17	0.453997	0.477	0.425	1.47E-12	Treg	Mettl23
Rinl1	6.04E-17	0.294753	0.631	0.58	1.48E-12	Treg	Rinl
Gm26740	7.39E-17	0.318543	0.489	0.417	1.81E-12	Treg	Gm26740
Prdx2	8.28E-17	0.351582	0.52	0.467	2.03E-12	Treg	Prdx2
Tomm71	1.15E-16	0.313452	0.659	0.609	2.81E-12	Treg	Tomm7
Itm2c	1.26E-16	0.403223	0.511	0.441	3.09E-12	Treg	Itm2c
Pigx	1.85E-16	0.645386	0.389	0.336	4.54E-12	Treg	Pigx
Map1lc3b	4.50E-16	0.404215	0.571	0.528	1.10E-11	Treg	Map1lc3b
Sh2d2a1	4.63E-16	0.310409	0.54	0.466	1.13E-11	Treg	Sh2d2a
Malt1	7.14E-16	0.528481	0.382	0.315	1.75E-11	Treg	Malt1
Cers4	7.40E-16	0.571847	0.267	0.2	1.81E-11	Treg	Cers4
Stk17b1	8.77E-16	0.265739	0.632	0.58	2.15E-11	Treg	Stk17b
Vasp	1.06E-15	0.434942	0.541	0.503	2.59E-11	Treg	Vasp
Pold4	1.54E-15	0.655756	0.36	0.304	3.76E-11	Treg	Pold4
Cd82	1.78E-15	0.447993	0.609	0.577	4.36E-11	Treg	Cd82
Rhof	1.78E-15	0.558511	0.316	0.248	4.37E-11	Treg	Rhof
Slfn8	2.03E-15	0.744917	0.297	0.236	4.96E-11	Treg	Slfn8
Preli1	2.10E-15	0.296325	0.633	0.58	5.15E-11	Treg	Preli1
Bmyc	2.16E-15	1.132989	0.258	0.204	5.30E-11	Treg	Bmyc
Spcs1	3.06E-15	0.365724	0.591	0.554	7.49E-11	Treg	Spcs1
Spcs2	4.12E-15	0.32134	0.631	0.59	1.01E-10	Treg	Spcs2
Sit11	4.40E-15	0.54079	0.264	0.195	1.08E-10	Treg	Sit1

Arid5b	4.59E-15	0.542452	0.395	0.34	1.12E-10	Treg	Arid5b
Prkar1a	4.97E-15	0.293375	0.628	0.591	1.22E-10	Treg	Prkar1a
Naa20	5.31E-15	0.687107	0.349	0.298	1.30E-10	Treg	Naa20
Tnfaip3	5.87E-15	0.366149	0.416	0.348	1.44E-10	Treg	Tnfaip3
Gabarap	5.94E-15	0.268939	0.72	0.674	1.45E-10	Treg	Gabarap
Selenok	6.24E-15	0.301889	0.651	0.61	1.53E-10	Treg	Selenok
Cdipt	7.30E-15	0.774434	0.298	0.242	1.79E-10	Treg	Cdipt
Arhgap31	8.64E-15	0.691352	0.282	0.223	2.12E-10	Treg	Arhgap31
Pdlim2	1.03E-14	0.591995	0.315	0.254	2.53E-10	Treg	Pdlim2
Anp32a	1.36E-14	0.336122	0.594	0.554	3.32E-10	Treg	Anp32a
Tmem258	1.79E-14	0.314332	0.617	0.575	4.38E-10	Treg	Tmem258
Srp14	1.86E-14	0.339516	0.583	0.545	4.57E-10	Treg	Srp14
Ankrd12	3.09E-14	0.406144	0.459	0.41	7.56E-10	Treg	Ankrd12
Nmi	3.28E-14	0.581341	0.385	0.333	8.04E-10	Treg	Nmi
Gbp9	3.53E-14	0.757541	0.278	0.219	8.64E-10	Treg	Gbp9
Parp9	3.83E-14	0.819133	0.281	0.226	9.39E-10	Treg	Parp9
Borcs8	5.21E-14	0.608426	0.324	0.268	1.28E-09	Treg	Borcs8
Fam129a	5.31E-14	0.48665	0.34	0.283	1.30E-09	Treg	Fam129a
Sp1001	7.90E-14	0.280205	0.675	0.653	1.94E-09	Treg	Sp100
Rtraf	9.08E-14	0.324513	0.579	0.539	2.22E-09	Treg	Rtraf
Aprt1	1.44E-13	0.386957	0.506	0.458	3.52E-09	Treg	Aprt
Rnaset2b	2.20E-13	0.524705	0.405	0.358	5.38E-09	Treg	Rnaset2b
Pmepa1	2.50E-13	0.468979	0.417	0.356	6.13E-09	Treg	Pmepa1
Pttg11	2.66E-13	0.577059	0.407	0.36	6.51E-09	Treg	Pttg1
Slc9a3r11	3.17E-13	0.406849	0.534	0.501	7.76E-09	Treg	Slc9a3r1
Stat5b	3.32E-13	0.506935	0.313	0.256	8.12E-09	Treg	Stat5b
Sep-91	3.44E-13	0.338835	0.545	0.507	8.44E-09	Treg	9-Sep
Lpxn1	3.56E-13	0.388911	0.457	0.409	8.72E-09	Treg	Lpxn
Ddx24	3.59E-13	0.418159	0.52	0.488	8.80E-09	Treg	Ddx24
Irf1	3.66E-13	0.506467	0.473	0.43	8.96E-09	Treg	Irf1
Pdpdf1	4.97E-13	0.466898	0.46	0.417	1.22E-08	Treg	Pdpdf
Zdhhc20	5.35E-13	0.414957	0.462	0.418	1.31E-08	Treg	Zdhhc20
S100a61	6.30E-13	0.339087	0.698	0.625	1.54E-08	Treg	S100a6
Gimap8	7.26E-13	0.350128	0.455	0.396	1.78E-08	Treg	Gimap8
Rnf114	1.05E-12	0.517598	0.394	0.346	2.58E-08	Treg	Rnf114
Dgka1	1.57E-12	0.328005	0.354	0.286	3.86E-08	Treg	Dgka
Rnf125	1.65E-12	0.541718	0.277	0.219	4.03E-08	Treg	Rnf125
Cyth1	1.70E-12	0.331401	0.359	0.3	4.17E-08	Treg	Cyth1
Samd9l	1.84E-12	0.598449	0.28	0.223	4.51E-08	Treg	Samd9l
Trerf1	2.16E-12	0.302168	0.389	0.326	5.28E-08	Treg	Trerf1
Ubl3	4.95E-12	0.531532	0.382	0.335	1.21E-07	Treg	Ubl3
Aup1	7.06E-12	0.357176	0.54	0.51	1.73E-07	Treg	Aup1
Itpkb	7.59E-12	0.36483	0.41	0.358	1.86E-07	Treg	Itpkb
Mea1	8.28E-12	0.533091	0.387	0.346	2.03E-07	Treg	Mea1

Ramp1	1.14E-11	0.502078	0.321	0.265	2.79E-07	Treg	Ramp1
Tspan13	1.26E-11	0.464944	0.407	0.358	3.08E-07	Treg	Tspan13
Csnk2b	1.37E-11	0.305316	0.612	0.581	3.37E-07	Treg	Csnk2b
Acp51	1.72E-11	0.309663	0.429	0.369	4.22E-07	Treg	Acp5
Rhog	2.64E-11	0.317089	0.575	0.539	6.46E-07	Treg	Rhog
Paip21	3.00E-11	0.362761	0.488	0.453	7.36E-07	Treg	Paip2
Reep5	3.12E-11	0.251256	0.667	0.625	7.65E-07	Treg	Reep5
Glipr1	4.37E-11	0.609444	0.318	0.27	1.07E-06	Treg	Glipr1
Zc3hav1	5.86E-11	0.339005	0.492	0.461	1.43E-06	Treg	Zc3hav1
Snx2	7.01E-11	0.658456	0.334	0.295	1.72E-06	Treg	Snx2
Fkbp31	7.12E-11	0.287607	0.541	0.504	1.74E-06	Treg	Fkbp3
CAA01147	7.31E-11	0.276573	0.607	0.557	1.79E-06	Treg	CAA01147332.1
Ighm	8.00E-11	0.938809	0.268	0.228	1.96E-06	Treg	Ighm
Hcls1	8.26E-11	0.368189	0.491	0.451	2.02E-06	Treg	Hcls1
Bnip3l	8.58E-11	0.382963	0.468	0.434	2.10E-06	Treg	Bnip3l
Chchd2	8.92E-11	0.263116	0.596	0.563	2.18E-06	Treg	Chchd2
Tes	1.04E-10	0.356603	0.468	0.426	2.54E-06	Treg	Tes
Gmfg1	1.09E-10	0.258204	0.629	0.612	2.68E-06	Treg	Gmfg
Sh3bgrl	1.43E-10	0.636616	0.282	0.237	3.51E-06	Treg	Sh3bgrl
Lrba	1.50E-10	0.336386	0.311	0.258	3.68E-06	Treg	Lrba
Mapkapk3	1.70E-10	0.49546	0.336	0.289	4.17E-06	Treg	Mapkapk3
Slc1a5	1.77E-10	0.386968	0.372	0.322	4.34E-06	Treg	Slc1a5
Tmem173	1.99E-10	0.513993	0.357	0.315	4.87E-06	Treg	Tmem173
Snw1	2.19E-10	0.534825	0.374	0.338	5.36E-06	Treg	Snw1
Gbp8	2.98E-10	0.509884	0.276	0.225	7.30E-06	Treg	Gbp8
Ebpl	3.39E-10	0.616571	0.254	0.207	8.30E-06	Treg	Ebpl
Mat2b	3.93E-10	0.44772	0.394	0.355	9.63E-06	Treg	Mat2b
Dynlrb1	4.18E-10	0.347023	0.474	0.443	1.02E-05	Treg	Dynlrb1
Ncf4	4.30E-10	0.468757	0.375	0.332	1.05E-05	Treg	Ncf4
Nt5c	6.36E-10	0.413774	0.467	0.436	1.56E-05	Treg	Nt5c
Hnrnp1l	7.77E-10	0.602711	0.29	0.248	1.90E-05	Treg	Hnrnp1l
Skil	8.46E-10	0.610619	0.281	0.238	2.07E-05	Treg	Skil
Mrpl54	1.09E-09	0.469288	0.381	0.343	2.68E-05	Treg	Mrpl54
Smc4	1.35E-09	0.401363	0.4	0.349	3.32E-05	Treg	Smc4
Cd53	1.37E-09	0.293628	0.587	0.569	3.36E-05	Treg	Cd53
3830406C1	1.57E-09	0.623838	0.261	0.219	3.85E-05	Treg	3830406C13Rik
Tnip1	1.75E-09	0.561918	0.257	0.212	4.29E-05	Treg	Tnip1
Tsc22d4	1.85E-09	0.294617	0.505	0.477	4.54E-05	Treg	Tsc22d4
Ifi2081	2.37E-09	0.671967	0.275	0.23	5.80E-05	Treg	Ifi208
Irf2	2.67E-09	0.33803	0.458	0.426	6.53E-05	Treg	Irf2
Med28	2.93E-09	0.294521	0.561	0.542	7.18E-05	Treg	Med28
Serpinb6a	3.72E-09	0.559571	0.266	0.222	9.11E-05	Treg	Serpinb6a
Zfp706	3.78E-09	0.30808	0.578	0.552	9.25E-05	Treg	Zfp706
Syng2	4.41E-09	0.331567	0.444	0.402	0.000108	Treg	Syng2

Mxd41	4.84E-09	0.438785	0.355	0.311	0.000119	Treg	Mxd4
H13	5.62E-09	0.367567	0.453	0.422	0.000138	Treg	H13
Birc3	8.20E-09	0.452425	0.318	0.275	0.000201	Treg	Birc3
Ciao2b	9.75E-09	0.525013	0.368	0.34	0.000239	Treg	Ciao2b
Wdr1	1.19E-08	0.31237	0.515	0.492	0.000291	Treg	Wdr1
Cnp1	1.30E-08	0.481726	0.362	0.327	0.000319	Treg	Cnp
Lypla21	1.88E-08	0.4002	0.411	0.382	0.000461	Treg	Lypla2
Tbrg11	2.04E-08	0.420143	0.375	0.338	0.000501	Treg	Tbrg1
Bloc1s1	2.06E-08	0.421499	0.385	0.354	0.000505	Treg	Bloc1s1
Traf3ip3	2.14E-08	0.347929	0.364	0.323	0.000525	Treg	Traf3ip3
Foxo1	2.50E-08	0.341903	0.308	0.265	0.000613	Treg	Foxo1
Sumo1	3.00E-08	0.251357	0.559	0.536	0.000735	Treg	Sumo1
Gbp2	3.89E-08	0.580882	0.27	0.228	0.000951	Treg	Gbp2
Mrps161	4.13E-08	0.381335	0.459	0.435	0.001011	Treg	Mrps16
Arpc5	5.24E-08	0.255375	0.625	0.616	0.001283	Treg	Arpc5
R3hdm4	1.23E-07	0.421594	0.362	0.332	0.003006	Treg	R3hdm4
Slc50a1	1.55E-07	0.389308	0.431	0.41	0.003794	Treg	Slc50a1
Gm2a	1.74E-07	0.53091	0.281	0.244	0.004261	Treg	Gm2a
Acap11	1.88E-07	0.270645	0.429	0.389	0.004594	Treg	Acap1
Casp8	1.97E-07	0.386676	0.366	0.335	0.004819	Treg	Casp8
Cox14	2.04E-07	0.432226	0.429	0.415	0.004988	Treg	Cox14
Cdk6	2.46E-07	0.388669	0.283	0.248	0.006016	Treg	Cdk6
Irf9	2.49E-07	0.55382	0.265	0.231	0.006088	Treg	Irf9
Eif3m	2.61E-07	0.288575	0.515	0.5	0.006388	Treg	Eif3m
Rab4b	2.69E-07	0.422001	0.408	0.383	0.006583	Treg	Rab4b
Ccng1	2.94E-07	0.496746	0.33	0.298	0.007193	Treg	Ccng1
Resf1	4.23E-07	0.576702	0.333	0.307	0.010352	Treg	Resf1
Ogfr	4.26E-07	0.620198	0.28	0.253	0.010434	Treg	Ogfr
Sgms1	4.48E-07	0.293271	0.261	0.22	0.010983	Treg	Sgms1
Ech11	4.56E-07	0.31172	0.459	0.438	0.011179	Treg	Ech1
Pld3	4.61E-07	0.251544	0.487	0.457	0.011284	Treg	Pld3
Trim14	5.52E-07	0.305457	0.364	0.329	0.013514	Treg	Trim14
Ube2v1	6.04E-07	0.3203	0.466	0.45	0.014786	Treg	Ube2v1
Hsbp1	6.18E-07	0.339307	0.429	0.411	0.015138	Treg	Hsbp1
Timp2	7.73E-07	0.369221	0.271	0.23	0.018921	Treg	Timp2
Rnf138	8.95E-07	0.413042	0.332	0.299	0.021925	Treg	Rnf138
Sec62	1.02E-06	0.291099	0.476	0.458	0.02508	Treg	Sec62
Il21r	1.15E-06	0.319909	0.39	0.362	0.028219	Treg	Il21r
1810026BC	1.21E-06	0.313053	0.424	0.402	0.029514	Treg	1810026B05Rik
Tpp2	1.22E-06	0.475822	0.336	0.31	0.029967	Treg	Tpp2
Orai1	1.62E-06	0.647863	0.321	0.295	0.03956	Treg	Orai1
Lgals9	2.10E-06	0.269282	0.545	0.521	0.051421	Treg	Lgals9
Unc119	2.16E-06	0.535233	0.255	0.222	0.052845	Treg	Unc119
Lamtor4	2.30E-06	0.296626	0.488	0.473	0.05632	Treg	Lamtor4

Arf6	2.41E-06	0.275333	0.501	0.488	0.059075	Treg	Arf6
Pglyrp21	2.84E-06	0.316845	0.314	0.275	0.069441	Treg	Pglyrp2
Kxd1	3.13E-06	0.455912	0.348	0.325	0.076722	Treg	Kxd1
Dennd1c	3.38E-06	0.370289	0.317	0.284	0.082831	Treg	Dennd1c
B3gnt2	3.93E-06	0.442438	0.318	0.292	0.096189	Treg	B3gnt2
Chic2	4.78E-06	0.32973	0.402	0.381	0.117165	Treg	Chic2
Capn1	5.11E-06	0.45541	0.266	0.235	0.125231	Treg	Capn1
Acot7	5.30E-06	0.450971	0.289	0.26	0.129865	Treg	Acot7
Fam104a	6.29E-06	0.324902	0.38	0.358	0.153955	Treg	Fam104a
Rwdd1	7.17E-06	0.27973	0.449	0.434	0.175498	Treg	Rwdd1
Ubl7	7.49E-06	0.626294	0.252	0.227	0.183504	Treg	Ubl7
Phc3	8.07E-06	0.37903	0.275	0.245	0.19754	Treg	Phc3
Nfatc1	8.20E-06	0.329342	0.372	0.348	0.200876	Treg	Nfatc1
Psmb101	8.42E-06	0.289195	0.577	0.566	0.206115	Treg	Psmb10
Lrrc8c	9.40E-06	0.267105	0.353	0.325	0.230078	Treg	Lrrc8c
Crtc3	1.01E-05	0.300574	0.275	0.242	0.24788	Treg	Crtc3
Stat3	1.11E-05	0.26683	0.427	0.406	0.271249	Treg	Stat3
Il10ra	1.14E-05	0.317559	0.381	0.35	0.278966	Treg	Il10ra
Plgrkt	1.15E-05	0.371426	0.362	0.343	0.280747	Treg	Plgrkt
Chchd10	1.27E-05	0.28116	0.277	0.241	0.309962	Treg	Chchd10
H2-M3	1.56E-05	0.388855	0.366	0.344	0.381011	Treg	H2-M3
Mthfsl	1.61E-05	0.458635	0.27	0.242	0.393529	Treg	Mthfsl
Tmem1341	2.05E-05	0.31023	0.435	0.424	0.501358	Treg	Tmem134
4930523C07Rik	2.49E-05	0.276836	0.356	0.328	0.608677	Treg	4930523C07Rik
Trim12c	2.85E-05	0.432169	0.265	0.237	0.6983	Treg	Trim12c
Ddx58	2.93E-05	0.530433	0.262	0.235	0.718189	Treg	Ddx58
Map4k1	3.43E-05	0.387917	0.251	0.222	0.840177	Treg	Map4k1
Thap31	3.75E-05	0.3636	0.285	0.257	0.919557	Treg	Thap3
Atp11b	3.91E-05	0.362907	0.349	0.327	0.956974	Treg	Atp11b
Retreg1	4.71E-05	0.28169	0.312	0.285	1	Treg	Retreg1
Chmp2a	5.40E-05	0.302703	0.453	0.442	1	Treg	Chmp2a
Pgk1	6.02E-05	0.285173	0.438	0.416	1	Treg	Pgk1
Ncoa3	6.17E-05	0.372618	0.28	0.258	1	Treg	Ncoa3
Sys1	6.37E-05	0.315922	0.414	0.406	1	Treg	Sys1
Il16	6.59E-05	0.278834	0.397	0.381	1	Treg	Il16
Zdhhc181	9.56E-05	0.279237	0.38	0.357	1	Treg	Zdhhc18
Vmp1	0.000112	0.443297	0.327	0.311	1	Treg	Vmp1
Fgl21	0.000127	0.316017	0.444	0.433	1	Treg	Fgl2
Chd31	0.000137	0.293972	0.387	0.368	1	Treg	Chd3
Agap2	0.00014	0.277189	0.26	0.231	1	Treg	Agap2
Arf4	0.000142	0.294065	0.472	0.466	1	Treg	Arf4
Cast	0.000151	0.252759	0.357	0.336	1	Treg	Cast
Zmat5	0.000193	0.394151	0.305	0.286	1	Treg	Zmat5
AI4676061	0.000211	0.376	0.302	0.281	1	Treg	AI467606

Cyld	0.00039	0.289094	0.368	0.354	1 Treg	Cyld
Idnk1	0.000464	0.296404	0.383	0.377	1 Treg	Idnk
Supt20	0.000481	0.370434	0.289	0.27	1 Treg	Supt20
Svbp	0.000525	0.368813	0.33	0.316	1 Treg	Svbp
Rasa1	0.000533	0.307317	0.311	0.292	1 Treg	Rasa1
Tnfsf10	0.000625	0.252019	0.254	0.226	1 Treg	Tnfsf10
Sin3b	0.000683	0.326496	0.393	0.393	1 Treg	Sin3b
Psm4	0.000697	0.31882	0.386	0.377	1 Treg	Psm4
Mvb12a	0.00079	0.379874	0.31	0.298	1 Treg	Mvb12a
Nop53	0.000877	0.342115	0.362	0.356	1 Treg	Nop53
Dhrs7	0.000944	0.446611	0.251	0.235	1 Treg	Dhrs7
Tmem123	0.001057	0.371709	0.272	0.255	1 Treg	Tmem123
Fundc2	0.001154	0.330108	0.348	0.34	1 Treg	Fundc2
Dctn6	0.001169	0.366055	0.334	0.325	1 Treg	Dctn6
Susd3	0.001351	0.371219	0.316	0.301	1 Treg	Susd3
Aebp2	0.001469	0.310627	0.274	0.257	1 Treg	Aebp2
Mien1	0.001718	0.282325	0.374	0.367	1 Treg	Mien1
Lamtor5	0.001755	0.349447	0.335	0.329	1 Treg	Lamtor5
Ythdc1	0.001907	0.276807	0.362	0.355	1 Treg	Ythdc1
Tmbim4	0.003063	0.327305	0.328	0.32	1 Treg	Tmbim4
Sesn3	0.004634	0.255412	0.282	0.263	1 Treg	Sesn3
Tmem179b	0.005243	0.298371	0.44	0.449	1 Treg	Tmem179b
Yipf1	0.007369	0.426693	0.269	0.262	1 Treg	Yipf1
Txndc17	0.007436	0.289029	0.386	0.388	1 Treg	Txndc17
Zup1	0.009298	0.40705	0.259	0.249	1 Treg	Zup1
Yaf2	0.009889	0.339922	0.257	0.247	1 Treg	Yaf2
Ly86	0	5.830535	0.888	0.069	0 Mg-ACT	Ly86
Csf1r	0	5.535842	0.822	0.067	0 Mg-ACT	Csf1r
Ctsh	0	5.4843	0.779	0.032	0 Mg-ACT	Ctsh
Pld4	0	6.147356	0.746	0.017	0 Mg-ACT	Pld4
Lgmn	0	5.659654	0.809	0.089	0 Mg-ACT	Lgmn
Sirpa	0	4.893822	0.758	0.039	0 Mg-ACT	Sirpa
Spi1	0	5.736812	0.736	0.02	0 Mg-ACT	Spi1
Tyrobp	0	2.423753	0.917	0.209	0 Mg-ACT	Tyrobp
Cd68	0	5.528727	0.741	0.037	0 Mg-ACT	Cd68
Grn	0	4.495695	0.859	0.17	0 Mg-ACT	Grn
Unc93b1	0	3.85477	0.839	0.15	0 Mg-ACT	Unc93b1
C1qc	0	6.261764	0.796	0.108	0 Mg-ACT	C1qc
Lyn	0	3.491237	0.791	0.107	0 Mg-ACT	Lyn
Mpeg1	0	4.890222	0.718	0.035	0 Mg-ACT	Mpeg1
Aif1	0	5.068014	0.723	0.041	0 Mg-ACT	Aif1
C1qa	0	6.188406	0.803	0.124	0 Mg-ACT	C1qa
Marcks	0	4.227781	0.748	0.069	0 Mg-ACT	Marcks
Trem2	0	5.64278	0.71	0.041	0 Mg-ACT	Trem2

Fcer1g	0	1.947125	0.902	0.237	0 Mg-ACT	Fcer1g
Ctsz	0	4.252429	0.868	0.203	0 Mg-ACT	Ctsz
C1qb	0	6.069787	0.811	0.147	0 Mg-ACT	C1qb
Lyz2	0	5.555933	0.727	0.078	0 Mg-ACT	Lyz2
Fcgr3	0	4.612356	0.703	0.055	0 Mg-ACT	Fcgr3
H2-Ab1	0	6.513344	0.719	0.074	0 Mg-ACT	H2-Ab1
Cx3cr1	0	4.446847	0.743	0.1	0 Mg-ACT	Cx3cr1
Lpcat2	0	4.261894	0.696	0.055	0 Mg-ACT	Lpcat2
Alox5ap	0	5.788564	0.656	0.018	0 Mg-ACT	Alox5ap
Itgb5	0	4.817496	0.687	0.049	0 Mg-ACT	Itgb5
Cd300c2	0	5.343711	0.647	0.019	0 Mg-ACT	Cd300c2
Lair1	0	4.599977	0.669	0.043	0 Mg-ACT	Lair1
Gab2	0	3.74071	0.673	0.054	0 Mg-ACT	Gab2
Ctsl	0	4.676499	0.685	0.069	0 Mg-ACT	Ctsl
Slc8a1	0	4.182877	0.669	0.058	0 Mg-ACT	Slc8a1
Mef2c	0	3.910234	0.664	0.054	0 Mg-ACT	Mef2c
H2-Aa	0	6.183648	0.703	0.093	0 Mg-ACT	H2-Aa
Fcgr2b	0	5.36385	0.626	0.018	0 Mg-ACT	Fcgr2b
Hexa	0	3.323572	0.738	0.131	0 Mg-ACT	Hexa
Hck	0	5.874894	0.61	0.01	0 Mg-ACT	Hck
Trf	0	3.614329	0.666	0.069	0 Mg-ACT	Trf
Cd81	0	4.067744	0.775	0.179	0 Mg-ACT	Cd81
P2ry12	0	5.087739	0.644	0.048	0 Mg-ACT	P2ry12
H2-Eb1	0	6.214907	0.67	0.079	0 Mg-ACT	H2-Eb1
Mafb	0	5.00914	0.623	0.033	0 Mg-ACT	Mafb
Zfhx3	0	4.078067	0.638	0.05	0 Mg-ACT	Zfhx3
Basp1	0	3.901383	0.639	0.053	0 Mg-ACT	Basp1
Zeb2	0	2.676154	0.747	0.162	0 Mg-ACT	Zeb2
Cd74	0	6.036755	0.831	0.246	0 Mg-ACT	Cd74
H2-DMb1	0	5.93734	0.604	0.02	0 Mg-ACT	H2-DMb1
P2ry6	0	5.998097	0.592	0.01	0 Mg-ACT	P2ry6
Dock4	0	3.728111	0.637	0.058	0 Mg-ACT	Dock4
Olfml3	0	5.877277	0.603	0.027	0 Mg-ACT	Olfml3
Plekho1	0	3.49859	0.63	0.056	0 Mg-ACT	Plekho1
Cd9	0	3.250033	0.738	0.164	0 Mg-ACT	Cd9
Lrmda	0	3.318874	0.685	0.112	0 Mg-ACT	Lrmda
Rhob	0	3.97078	0.648	0.08	0 Mg-ACT	Rhob
Cyfp1	0	2.595199	0.705	0.141	0 Mg-ACT	Cyfp1
Selenop	0	3.107355	0.778	0.217	0 Mg-ACT	Selenop
Anxa3	0	4.415033	0.59	0.029	0 Mg-ACT	Anxa3
Epb41l2	0	2.789694	0.715	0.155	0 Mg-ACT	Epb41l2
Asah1	0	2.856556	0.662	0.103	0 Mg-ACT	Asah1
Ifi30	0	3.745081	0.724	0.168	0 Mg-ACT	Ifi30
H2-DMa	0	2.989721	0.73	0.179	0 Mg-ACT	H2-DMa

Ncf1	0	3.870184	0.592	0.043	0 Mg-ACT	Ncf1
Plxdc2	0	3.389636	0.669	0.121	0 Mg-ACT	Plxdc2
Mertk	0	4.304751	0.591	0.045	0 Mg-ACT	Mertk
Fcgr1	0	6.134459	0.548	0.008	0 Mg-ACT	Fcgr1
Tbxas1	0	4.738463	0.559	0.02	0 Mg-ACT	Tbxas1
Fgd2	0	5.179262	0.551	0.013	0 Mg-ACT	Fgd2
Gns	0	2.882388	0.633	0.096	0 Mg-ACT	Gns
Ctsc	0	3.106038	0.762	0.226	0 Mg-ACT	Ctsc
Qk	0	2.180739	0.774	0.239	0 Mg-ACT	Qk
Sparc	0	3.949489	0.662	0.128	0 Mg-ACT	Sparc
Tmem119	0	5.368331	0.557	0.024	0 Mg-ACT	Tmem119
Ptgs1	0	4.794407	0.563	0.031	0 Mg-ACT	Ptgs1
App	0	2.371704	0.621	0.092	0 Mg-ACT	App
Tanc2	0	3.508332	0.628	0.1	0 Mg-ACT	Tanc2
Skap2	0	2.59634	0.629	0.102	0 Mg-ACT	Skap2
Abhd12	0	2.668017	0.697	0.171	0 Mg-ACT	Abhd12
Cd180	0	5.085258	0.54	0.015	0 Mg-ACT	Cd180
Itgam	0	3.497758	0.566	0.041	0 Mg-ACT	Itgam
Siglech	0	5.193427	0.55	0.026	0 Mg-ACT	Siglech
Ppfia4	0	5.194649	0.535	0.013	0 Mg-ACT	Ppfia4
Ctss	0	4.014317	0.942	0.42	0 Mg-ACT	Ctss
Tmcc3	0	3.765858	0.581	0.059	0 Mg-ACT	Tmcc3
Plek	0	2.405506	0.654	0.133	0 Mg-ACT	Plek
F11r	0	5.118989	0.533	0.017	0 Mg-ACT	F11r
Kctd12	0	2.670306	0.607	0.093	0 Mg-ACT	Kctd12
Ifngr2	0	3.277261	0.552	0.04	0 Mg-ACT	Ifngr2
Rrbp1	0	1.928406	0.8	0.295	0 Mg-ACT	Rrbp1
Tmem176b	0	2.07586	0.632	0.127	0 Mg-ACT	Tmem176b
Frmd4a	0	3.254645	0.566	0.063	0 Mg-ACT	Frmd4a
Pkig	0	3.07438	0.572	0.07	0 Mg-ACT	Pkig
Lamp2	0	2.17896	0.662	0.16	0 Mg-ACT	Lamp2
Man2b1	0	2.189999	0.747	0.247	0 Mg-ACT	Man2b1
Lrp1	0	3.508192	0.546	0.046	0 Mg-ACT	Lrp1
Cd63	0	3.569125	0.586	0.088	0 Mg-ACT	Cd63
Irf8	0	1.911108	0.669	0.174	0 Mg-ACT	Irf8
Tgfbr1	0	2.462188	0.726	0.232	0 Mg-ACT	Tgfbr1
Csf2ra	0	4.040146	0.527	0.034	0 Mg-ACT	Csf2ra
Lamp1	0	2.459603	0.847	0.357	0 Mg-ACT	Lamp1
Tns3	0	3.868606	0.519	0.029	0 Mg-ACT	Tns3
Cfh	0	4.001124	0.52	0.031	0 Mg-ACT	Cfh
Ncf2	0	4.210853	0.511	0.022	0 Mg-ACT	Ncf2
Creg1	0	2.371096	0.636	0.147	0 Mg-ACT	Creg1
Irf5	0	2.902534	0.559	0.071	0 Mg-ACT	Irf5
Bmp2k	0	2.235791	0.62	0.132	0 Mg-ACT	Bmp2k

Cd86	0	2.346525	0.596	0.108	0 Mg-ACT	Cd86
Srgap2	0	2.185665	0.731	0.244	0 Mg-ACT	Srgap2
Adap2	0	4.730445	0.504	0.017	0 Mg-ACT	Adap2
Slco2b1	0	4.655854	0.508	0.022	0 Mg-ACT	Slco2b1
Prkcd	0	2.353166	0.605	0.12	0 Mg-ACT	Prkcd
Glul	0	2.164582	0.709	0.227	0 Mg-ACT	Glul
Frmd4b	0	2.805012	0.57	0.088	0 Mg-ACT	Frmd4b
Lst1	0	3.838987	0.532	0.051	0 Mg-ACT	Lst1
Hpgds	0	3.545778	0.52	0.042	0 Mg-ACT	Hpgds
Camk1	0	3.970011	0.51	0.034	0 Mg-ACT	Camk1
Gatm	0	4.587374	0.501	0.027	0 Mg-ACT	Gatm
Apoe	0	4.533021	0.775	0.302	0 Mg-ACT	Apoe
Serpine2	0	3.770901	0.521	0.049	0 Mg-ACT	Serpine2
Ophn1	0	3.86898	0.507	0.035	0 Mg-ACT	Ophn1
Acer3	0	2.73736	0.538	0.067	0 Mg-ACT	Acer3
Rnf130	0	1.517992	0.694	0.223	0 Mg-ACT	Rnf130
Jun	0	2.338159	0.651	0.183	0 Mg-ACT	Jun
Ckb	0	1.601895	0.655	0.19	0 Mg-ACT	Ckb
Gusb	0	2.347861	0.598	0.133	0 Mg-ACT	Gusb
Cd14	0	5.98058	0.473	0.008	0 Mg-ACT	Cd14
Ltc4s	0	4.621624	0.49	0.026	0 Mg-ACT	Ltc4s
Rassf4	0	5.001721	0.471	0.011	0 Mg-ACT	Rassf4
Scamp2	0	1.731353	0.73	0.27	0 Mg-ACT	Scamp2
Slc11a1	0	6.001622	0.466	0.008	0 Mg-ACT	Slc11a1
Zfp36	0	2.292623	0.743	0.285	0 Mg-ACT	Zfp36
Fcrls	0	5.053998	0.488	0.031	0 Mg-ACT	Fcrls
Adgre1	0	5.173375	0.467	0.011	0 Mg-ACT	Adgre1
Nrros	0	1.807378	0.615	0.16	0 Mg-ACT	Nrros
Plcg2	0	2.689656	0.511	0.058	0 Mg-ACT	Plcg2
Pik3ap1	0	2.257384	0.55	0.098	0 Mg-ACT	Pik3ap1
Cd33	0	4.86057	0.465	0.013	0 Mg-ACT	Cd33
Cd83	0	3.530942	0.502	0.05	0 Mg-ACT	Cd83
Ptprj	0	1.658596	0.65	0.2	0 Mg-ACT	Ptprj
Ifitm3	0	2.26118	0.621	0.174	0 Mg-ACT	Ifitm3
Etv6	0	1.548968	0.665	0.22	0 Mg-ACT	Etv6
Erp29	0	1.828053	0.769	0.324	0 Mg-ACT	Erp29
Sat1	0	1.825157	0.774	0.333	0 Mg-ACT	Sat1
Daglb	0	3.026733	0.496	0.056	0 Mg-ACT	Daglb
Stx7	0	1.815878	0.571	0.131	0 Mg-ACT	Stx7
Dst	0	2.645741	0.529	0.09	0 Mg-ACT	Dst
Rapgef5	0	3.684634	0.487	0.05	0 Mg-ACT	Rapgef5
Gpr34	0	3.315672	0.538	0.103	0 Mg-ACT	Gpr34
Chd9	0	1.391265	0.752	0.317	0 Mg-ACT	Chd9
Lmo2	0	3.744558	0.454	0.02	0 Mg-ACT	Lmo2

Rnase4	0	2.952619	0.496	0.063	0 Mg-ACT	Rnase4
Gnaq	0	1.79442	0.563	0.13	0 Mg-ACT	Gnaq
Crybb1	0	5.46803	0.447	0.016	0 Mg-ACT	Crybb1
Atp6v0b	0	1.505215	0.802	0.372	0 Mg-ACT	Atp6v0b
Slc29a3	0	3.1839	0.469	0.039	0 Mg-ACT	Slc29a3
Pnp	0	1.913385	0.629	0.199	0 Mg-ACT	Pnp
Fcgrt	0	4.135473	0.451	0.022	0 Mg-ACT	Fcgrt
Zfp710	0	2.870924	0.481	0.053	0 Mg-ACT	Zfp710
Cttnbp2nl	0	4.063747	0.448	0.021	0 Mg-ACT	Cttnbp2nl
Blnk	0	4.552476	0.441	0.014	0 Mg-ACT	Blnk
Il6ra	0	2.609042	0.475	0.05	0 Mg-ACT	Il6ra
Mef2a	0	1.441302	0.721	0.296	0 Mg-ACT	Mef2a
E230029C	0	3.655427	0.461	0.037	0 Mg-ACT	E230029C05Rik
Tcirg1	0	1.879531	0.548	0.124	0 Mg-ACT	Tcirg1
Cd300a	0	5.415441	0.429	0.006	0 Mg-ACT	Cd300a
Dleu2	0	1.461342	0.649	0.227	0 Mg-ACT	Dleu2
Entpd1	0	1.5882	0.609	0.187	0 Mg-ACT	Entpd1
Ctsa	0	2.014689	0.766	0.345	0 Mg-ACT	Ctsa
Maml3	0	3.260279	0.474	0.054	0 Mg-ACT	Maml3
Ntpcr	0	2.630387	0.501	0.081	0 Mg-ACT	Ntpcr
Tcn2	0	3.035031	0.467	0.048	0 Mg-ACT	Tcn2
Gna12	0	2.410079	0.503	0.084	0 Mg-ACT	Gna12
Arhgap5	0	2.357171	0.503	0.084	0 Mg-ACT	Arhgap5
Pou2f2	0	2.038863	0.518	0.1	0 Mg-ACT	Pou2f2
Hpgd	0	4.453463	0.437	0.02	0 Mg-ACT	Hpgd
Scpep1	0	2.956898	0.472	0.056	0 Mg-ACT	Scpep1
Rreb1	0	1.877982	0.525	0.113	0 Mg-ACT	Rreb1
Ccl12	0	6.95397	0.428	0.016	0 Mg-ACT	Ccl12
Plxnb2	0	3.798584	0.435	0.023	0 Mg-ACT	Plxnb2
Fos	0	2.649153	0.554	0.143	0 Mg-ACT	Fos
Csf3r	0	4.718351	0.421	0.01	0 Mg-ACT	Csf3r
Wdfy3	0	3.614909	0.437	0.026	0 Mg-ACT	Wdfy3
Bin1	0	1.69218	0.691	0.28	0 Mg-ACT	Bin1
Ldhb	0	1.778272	0.561	0.151	0 Mg-ACT	Ldhb
Phyhd1	0	4.256291	0.43	0.021	0 Mg-ACT	Phyhd1
Pros1	0	3.534744	0.442	0.034	0 Mg-ACT	Pros1
Tcf4	0	2.137968	0.485	0.077	0 Mg-ACT	Tcf4
Timp21	0	2.158841	0.568	0.16	0 Mg-ACT	Timp2
Ctsb	0	3.051466	0.913	0.506	0 Mg-ACT	Ctsb
Diaph2	0	1.425461	0.615	0.208	0 Mg-ACT	Diaph2
Tpd52	0	2.301963	0.486	0.08	0 Mg-ACT	Tpd52
1-Mar	0	3.708638	0.428	0.022	0 Mg-ACT	1-Mar
Tmem86a	0	4.308144	0.424	0.02	0 Mg-ACT	Tmem86a
Rbm47	0	3.048872	0.441	0.038	0 Mg-ACT	Rbm47

Gm2a1	0	1.700099	0.578	0.175	0 Mg-ACT	Gm2a
Cebpb	0	1.808554	0.63	0.228	0 Mg-ACT	Cebpb
Rad51b	0	2.541493	0.49	0.089	0 Mg-ACT	Rad51b
Nfe2l2	0	1.668162	0.557	0.157	0 Mg-ACT	Nfe2l2
Bri3	0	1.309782	0.72	0.32	0 Mg-ACT	Bri3
Il10ra1	0	1.139357	0.679	0.281	0 Mg-ACT	Il10ra
Abi3	0	1.683878	0.567	0.17	0 Mg-ACT	Abi3
Inpp5d	0	1.424774	0.803	0.407	0 Mg-ACT	Inpp5d
Gngt2	0	2.033757	0.518	0.122	0 Mg-ACT	Gngt2
Rnf13	0	1.334515	0.586	0.19	0 Mg-ACT	Rnf13
Nav2	0	2.516542	0.511	0.117	0 Mg-ACT	Nav2
Pip4k2a	0	1.113441	0.697	0.303	0 Mg-ACT	Pip4k2a
Cxcl16	0	5.081274	0.408	0.014	0 Mg-ACT	Cxcl16
Pip4p1	0	1.409251	0.539	0.146	0 Mg-ACT	Pip4p1
Comt	0	1.367	0.609	0.216	0 Mg-ACT	Comt
Pla2g15	0	4.071741	0.414	0.021	0 Mg-ACT	Pla2g15
Pid1	0	4.032712	0.418	0.026	0 Mg-ACT	Pid1
Atp6ap2	0	1.418963	0.586	0.194	0 Mg-ACT	Atp6ap2
Mir99ahg	0	3.160696	0.441	0.05	0 Mg-ACT	Mir99ahg
Rgs101	0	1.281763	0.815	0.424	0 Mg-ACT	Rgs10
Slc7a8	0	3.843365	0.412	0.021	0 Mg-ACT	Slc7a8
Tmem176a	0	1.712004	0.479	0.089	0 Mg-ACT	Tmem176a
Prcp	0	2.342067	0.444	0.057	0 Mg-ACT	Prcp
Ccl6	0	5.356255	0.399	0.012	0 Mg-ACT	Ccl6
Ehd4	0	2.064678	0.484	0.098	0 Mg-ACT	Ehd4
Lap3	0	2.594477	0.473	0.087	0 Mg-ACT	Lap3
Syng1	0	4.367251	0.409	0.024	0 Mg-ACT	Syng1
Lag3	0	1.925581	0.515	0.131	0 Mg-ACT	Lag3
Gm43305	0	1.803076	0.554	0.17	0 Mg-ACT	Gm43305
Abca1	0	2.942078	0.437	0.054	0 Mg-ACT	Abca1
Ptms	0	1.2875	0.67	0.288	0 Mg-ACT	Ptms
Cltc	0	1.11967	0.665	0.283	0 Mg-ACT	Cltc
Tnfrsf1a	0	1.274735	0.552	0.17	0 Mg-ACT	Tnfrsf1a
Rogdi	0	3.013945	0.423	0.042	0 Mg-ACT	Rogdi
Gng10	0	1.516971	0.712	0.331	0 Mg-ACT	Gng10
Gpx1	0	2.128136	0.827	0.446	0 Mg-ACT	Gpx1
Capza2	0	1.142628	0.783	0.405	0 Mg-ACT	Capza2
Mtus1	0	3.942749	0.395	0.017	0 Mg-ACT	Mtus1
C3ar1	0	5.228785	0.386	0.009	0 Mg-ACT	C3ar1
Ogfrl1	0	3.005436	0.412	0.037	0 Mg-ACT	Ogfrl1
Rasa4	0	3.104213	0.404	0.029	0 Mg-ACT	Rasa4
Scarb2	0	1.246347	0.571	0.196	0 Mg-ACT	Scarb2
Scoc	0	2.286143	0.455	0.081	0 Mg-ACT	Scoc
Nckap1l	0	1.26395	0.55	0.177	0 Mg-ACT	Nckap1l

Man1c1	0	2.812179	0.413	0.041	0 Mg-ACT	Man1c1
Mitf	0	2.7035	0.417	0.045	0 Mg-ACT	Mitf
Ppt1	0	1.744805	0.524	0.153	0 Mg-ACT	Ppt1
Rnf180	0	4.376268	0.386	0.015	0 Mg-ACT	Rnf180
Mt1	0	1.2321	0.574	0.203	0 Mg-ACT	Mt1
Specc1	0	2.705234	0.412	0.042	0 Mg-ACT	Specc1
Slc7a7	0	4.491082	0.38	0.01	0 Mg-ACT	Slc7a7
Nfam1	0	4.91105	0.377	0.007	0 Mg-ACT	Nfam1
Rab3il1	0	4.295764	0.383	0.013	0 Mg-ACT	Rab3il1
Laptm4a	0	1.116215	0.795	0.426	0 Mg-ACT	Laptm4a
Apobec1	0	2.595808	0.433	0.064	0 Mg-ACT	Apobec1
Lrrc25	0	4.436028	0.378	0.009	0 Mg-ACT	Lrrc25
Tbc1d9	0	2.837056	0.411	0.042	0 Mg-ACT	Tbc1d9
Syk	0	2.603071	0.403	0.034	0 Mg-ACT	Syk
Ms4a6c	0	3.084595	0.442	0.074	0 Mg-ACT	Ms4a6c
Numb	0	1.554008	0.551	0.184	0 Mg-ACT	Numb
Vsir	0	1.230484	0.682	0.317	0 Mg-ACT	Vsir
Snx29	0	1.914423	0.467	0.102	0 Mg-ACT	Snx29
Rin2	0	3.407191	0.391	0.026	0 Mg-ACT	Rin2
Tnfrsf11a	0	4.246421	0.377	0.013	0 Mg-ACT	Tnfrsf11a
Cadm1	0	3.800337	0.394	0.03	0 Mg-ACT	Cadm1
Tifab	0	5.281152	0.37	0.006	0 Mg-ACT	Tifab
Soga1	0	4.393912	0.375	0.013	0 Mg-ACT	Soga1
Sall1	0	4.362319	0.377	0.015	0 Mg-ACT	Sall1
Cd2ap	0	1.623015	0.457	0.095	0 Mg-ACT	Cd2ap
Fkbp2	0	1.315717	0.58	0.218	0 Mg-ACT	Fkbp2
Fes	0	2.974548	0.391	0.031	0 Mg-ACT	Fes
Clasp2	0	1.318695	0.508	0.148	0 Mg-ACT	Clasp2
Asph	0	3.407891	0.388	0.029	0 Mg-ACT	Asph
Gm10790	0	4.482616	0.373	0.014	0 Mg-ACT	Gm10790
Psap	0	3.052342	0.963	0.606	0 Mg-ACT	Psap
Golm1	0	1.669981	0.514	0.157	0 Mg-ACT	Golm1
H2-Oa	0	3.263716	0.417	0.06	0 Mg-ACT	H2-Oa
Cybb	0	4.437353	0.38	0.023	0 Mg-ACT	Cybb
Adam15	0	3.165406	0.385	0.029	0 Mg-ACT	Adam15
Tmed3	0	1.349028	0.538	0.184	0 Mg-ACT	Tmed3
Ighm1	0	0.956046	0.522	0.168	0 Mg-ACT	Ighm
Rasgrp3	0	4.030166	0.37	0.016	0 Mg-ACT	Rasgrp3
Arhgap17	0	1.159292	0.529	0.176	0 Mg-ACT	Arhgap17
Tpp1	0	1.689196	0.485	0.132	0 Mg-ACT	Tpp1
0610040J0	0	4.598189	0.364	0.012	0 Mg-ACT	0610040J01Rik
Dnase2a	0	1.820885	0.445	0.093	0 Mg-ACT	Dnase2a
Abca9	0	3.881923	0.369	0.017	0 Mg-ACT	Abca9
Havcr2	0	2.785712	0.393	0.042	0 Mg-ACT	Havcr2

Wdfy4	0	4.757247	0.36	0.01	0 Mg-ACT	Wdfy4
Rgs2	0	1.311373	0.462	0.113	0 Mg-ACT	Rgs2
Atp8a1	0	1.143849	0.525	0.176	0 Mg-ACT	Atp8a1
Snx18	0	1.490356	0.462	0.115	0 Mg-ACT	Snx18
Fmnl2	0	3.475484	0.375	0.028	0 Mg-ACT	Fmnl2
Zeb2os	0	4.76176	0.354	0.008	0 Mg-ACT	Zeb2os
Vkorc1	0	1.38294	0.515	0.169	0 Mg-ACT	Vkorc1
Sdf2l1	0	1.483268	0.551	0.206	0 Mg-ACT	Sdf2l1
Spint1	0	6.342076	0.348	0.004	0 Mg-ACT	Spint1
Rab31	0	3.302623	0.369	0.025	0 Mg-ACT	Rab31
Cmtm6	0	1.312701	0.481	0.138	0 Mg-ACT	Cmtm6
Slc1a3	0	3.014303	0.377	0.036	0 Mg-ACT	Slc1a3
Csf2rb	0	5.253806	0.346	0.005	0 Mg-ACT	Csf2rb
Cux1	0	1.036386	0.515	0.175	0 Mg-ACT	Cux1
Ivns1abp	0	1.300986	0.502	0.162	0 Mg-ACT	Ivns1abp
Rnpep	0	1.267688	0.496	0.157	0 Mg-ACT	Rnpep
Cd302	0	4.228287	0.35	0.012	0 Mg-ACT	Cd302
Gng12	0	1.677536	0.434	0.096	0 Mg-ACT	Gng12
Gm2629	0	3.47095	0.365	0.027	0 Mg-ACT	Gm2629
Mfsd1	0	1.404405	0.461	0.127	0 Mg-ACT	Mfsd1
Cebpa	0	4.640198	0.343	0.009	0 Mg-ACT	Cebpa
Gtf2h2	0	1.837839	0.436	0.102	0 Mg-ACT	Gtf2h2
Lrrk1	0	1.210851	0.469	0.135	0 Mg-ACT	Lrrk1
Heatr5a	0	2.013959	0.399	0.068	0 Mg-ACT	Heatr5a
Ms4a6d	0	2.952755	0.368	0.037	0 Mg-ACT	Ms4a6d
Lat2	0	1.523174	0.431	0.1	0 Mg-ACT	Lat2
P2ry13	0	4.956183	0.337	0.007	0 Mg-ACT	P2ry13
Large1	0	1.592734	0.384	0.054	0 Mg-ACT	Large1
Csnk1e	0	1.817868	0.405	0.075	0 Mg-ACT	Csnk1e
Zfp385a	0	3.936215	0.343	0.013	0 Mg-ACT	Zfp385a
Bmyc1	0	0.95467	0.48	0.15	0 Mg-ACT	Bmyc
Pak1	0	3.70437	0.347	0.017	0 Mg-ACT	Pak1
Cpq	0	1.883851	0.397	0.068	0 Mg-ACT	Cpq
Cst3	0	4.650593	0.997	0.668	0 Mg-ACT	Cst3
Snx24	0	4.180149	0.344	0.015	0 Mg-ACT	Snx24
Lhfpl2	0	4.31885	0.342	0.014	0 Mg-ACT	Lhfpl2
Colgalt1	0	1.326131	0.446	0.119	0 Mg-ACT	Colgalt1
Dapp1	0	1.154441	0.469	0.143	0 Mg-ACT	Dapp1
Slc12a9	0	2.321749	0.369	0.044	0 Mg-ACT	Slc12a9
Atf3	0	4.630988	0.338	0.014	0 Mg-ACT	Atf3
BC028528	0	5.210325	0.329	0.005	0 Mg-ACT	BC028528
Gal3st4	0	5.570276	0.329	0.005	0 Mg-ACT	Gal3st4
Plcl1	0	2.180695	0.406	0.083	0 Mg-ACT	Plcl1
Hps4	0	2.206214	0.38	0.057	0 Mg-ACT	Hps4

Rnf216	0	1.292008	0.436	0.116	0 Mg-ACT	Rnf216
St3gal5	0	2.769724	0.361	0.041	0 Mg-ACT	St3gal5
Nav3	0	3.290757	0.372	0.052	0 Mg-ACT	Nav3
Tnfrsf21	0	4.106758	0.333	0.013	0 Mg-ACT	Tnfrsf21
Apba1	0	4.084235	0.335	0.015	0 Mg-ACT	Apba1
Rp2	0	2.2831	0.37	0.05	0 Mg-ACT	Rp2
Arhgap39	0	1.718481	0.411	0.091	0 Mg-ACT	Arhgap39
Cacnb2	0	3.973238	0.341	0.022	0 Mg-ACT	Cacnb2
Acp2	0	2.73302	0.356	0.037	0 Mg-ACT	Acp2
Sdc3	0	3.207813	0.344	0.025	0 Mg-ACT	Sdc3
Slc6a6	0	1.08992	0.46	0.143	0 Mg-ACT	Slc6a6
Aldh2	0	2.509183	0.369	0.052	0 Mg-ACT	Aldh2
Ptpro	0	4.54761	0.325	0.008	0 Mg-ACT	Ptpro
Naga	0	1.701162	0.406	0.09	0 Mg-ACT	Naga
ldh2	0	1.49058	0.427	0.111	0 Mg-ACT	ldh2
Sipa1l2	0	2.794839	0.355	0.039	0 Mg-ACT	Sipa1l2
Klf3	0	0.763072	0.44	0.125	0 Mg-ACT	Klf3
Plod3	0	2.710685	0.354	0.039	0 Mg-ACT	Plod3
4933406l18Rik	0	1.685894	0.451	0.137	0 Mg-ACT	4933406l18Rik
Egr1	0	2.410701	0.39	0.076	0 Mg-ACT	Egr1
Ctsf	0	4.034295	0.327	0.013	0 Mg-ACT	Ctsf
Cmtm3	0	2.36699	0.355	0.042	0 Mg-ACT	Cmtm3
Leprot	0	1.151726	0.444	0.132	0 Mg-ACT	Leprot
Hdac9	0	3.006049	0.347	0.035	0 Mg-ACT	Hdac9
Blvrb	0	1.991531	0.367	0.057	0 Mg-ACT	Blvrb
Cyb561a3	0	2.014471	0.372	0.062	0 Mg-ACT	Cyb561a3
Tor3a	0	1.30186	0.417	0.108	0 Mg-ACT	Tor3a
Lacc1	0	4.027961	0.321	0.012	0 Mg-ACT	Lacc1
Stmn1	0	1.264466	0.459	0.151	0 Mg-ACT	Stmn1
Plod1	0	2.944952	0.337	0.029	0 Mg-ACT	Plod1
Hk3	0	4.556776	0.316	0.008	0 Mg-ACT	Hk3
Atp6v0c	0	1.384232	0.847	0.539	0 Mg-ACT	Atp6v0c
P2rx4	0	2.050368	0.363	0.056	0 Mg-ACT	P2rx4
Arhgap22	0	4.400354	0.318	0.011	0 Mg-ACT	Arhgap22
Stard9	0	3.711736	0.321	0.015	0 Mg-ACT	Stard9
Extl3	0	1.814824	0.389	0.083	0 Mg-ACT	Extl3
Ints6l	0	2.018932	0.367	0.061	0 Mg-ACT	Ints6l
Itga6	0	1.718782	0.395	0.091	0 Mg-ACT	Itga6
Tifa	0	3.432923	0.323	0.019	0 Mg-ACT	Tifa
Pacsin2	0	1.232513	0.425	0.122	0 Mg-ACT	Pacsin2
Fmnl3	0	1.392857	0.418	0.115	0 Mg-ACT	Fmnl3
Cnpy3	0	1.069385	0.424	0.121	0 Mg-ACT	Cnpy3
Mknk1	0	1.356877	0.405	0.103	0 Mg-ACT	Mknk1
Fscn1	0	4.212083	0.317	0.015	0 Mg-ACT	Fscn1

Ebi3	0	1.927239	0.358	0.056	0 Mg-ACT	Ebi3
Ccdc88a	0	2.77722	0.332	0.031	0 Mg-ACT	Ccdc88a
Sypl	0	1.231611	0.406	0.105	0 Mg-ACT	Sypl
Snx10	0	1.699215	0.372	0.071	0 Mg-ACT	Snx10
Mgat4a	0	1.458628	0.401	0.101	0 Mg-ACT	Mgat4a
Ctc1	0	2.428076	0.351	0.051	0 Mg-ACT	Ctc1
Nf1	0	1.578569	0.384	0.084	0 Mg-ACT	Nf1
Fam102b	0	2.42009	0.34	0.044	0 Mg-ACT	Fam102b
Sgk1	0	1.962285	0.386	0.09	0 Mg-ACT	Sgk1
Usp2	0	3.36293	0.32	0.024	0 Mg-ACT	Usp2
Tspan7	0	1.905152	0.353	0.057	0 Mg-ACT	Tspan7
Hipk2	0	1.144637	0.405	0.11	0 Mg-ACT	Hipk2
Capn3	0	3.40506	0.321	0.026	0 Mg-ACT	Capn3
Fbrsl1	0	1.139696	0.408	0.113	0 Mg-ACT	Fbrsl1
Ppp1r9a	0	3.273487	0.321	0.026	0 Mg-ACT	Ppp1r9a
Il13ra1	0	4.388919	0.302	0.007	0 Mg-ACT	Il13ra1
Tubb2a	0	2.338236	0.342	0.048	0 Mg-ACT	Tubb2a
Atp6v0a1	0	2.592062	0.329	0.036	0 Mg-ACT	Atp6v0a1
Cask	0	2.596831	0.333	0.04	0 Mg-ACT	Cask
Naaa	0	2.997708	0.335	0.043	0 Mg-ACT	Naaa
Adgrg1	0	2.758709	0.332	0.04	0 Mg-ACT	Adgrg1
Mctp1	0	2.709203	0.326	0.034	0 Mg-ACT	Mctp1
Tbc1d8	0	4.337518	0.302	0.01	0 Mg-ACT	Tbc1d8
Ccnd1	0	3.230093	0.311	0.019	0 Mg-ACT	Ccnd1
Tlr2	0	4.595817	0.301	0.01	0 Mg-ACT	Tlr2
Tmem50b	0	1.998519	0.338	0.048	0 Mg-ACT	Tmem50b
Pla2g4a	0	4.440649	0.3	0.01	0 Mg-ACT	Pla2g4a
Card9	0	4.933492	0.296	0.006	0 Mg-ACT	Card9
Plin2	0	1.922923	0.369	0.079	0 Mg-ACT	Plin2
Themis2	0	4.262874	0.3	0.01	0 Mg-ACT	Themis2
Sgpl1	0	1.41278	0.368	0.078	0 Mg-ACT	Sgpl1
Tbc1d16	0	2.664622	0.326	0.037	0 Mg-ACT	Tbc1d16
Batf3	0	4.88257	0.296	0.007	0 Mg-ACT	Batf3
Hps3	0	1.407004	0.369	0.08	0 Mg-ACT	Hps3
Cryba4	0	5.024032	0.296	0.007	0 Mg-ACT	Cryba4
Renbp	0	3.53822	0.306	0.017	0 Mg-ACT	Renbp
5031439G	0	2.26959	0.326	0.038	0 Mg-ACT	5031439G07Rik
Nfia	0	1.808956	0.373	0.085	0 Mg-ACT	Nfia
Myo5a	0	1.649341	0.372	0.084	0 Mg-ACT	Myo5a
Cryl1	0	1.816628	0.361	0.073	0 Mg-ACT	Cryl1
Tlr7	0	3.486199	0.304	0.016	0 Mg-ACT	Tlr7
Axl	0	2.761042	0.332	0.045	0 Mg-ACT	Axl
Fcgr4	0	5.963667	0.291	0.004	0 Mg-ACT	Fcgr4
P4ha1	0	1.304662	0.4	0.114	0 Mg-ACT	P4ha1

Ninj1	0	1.541762	0.395	0.109	0 Mg-ACT	Ninj1
Slamf8	0	6.801623	0.288	0.002	0 Mg-ACT	Slamf8
Sort1	0	3.519716	0.302	0.016	0 Mg-ACT	Sort1
Btk	0	4.467465	0.293	0.007	0 Mg-ACT	Btk
Il6st	0	1.252479	0.376	0.092	0 Mg-ACT	Il6st
BC035044	0	3.073974	0.308	0.024	0 Mg-ACT	BC035044
Snx9	0	1.151649	0.378	0.095	0 Mg-ACT	Snx9
Clec4a2	0	5.917469	0.286	0.003	0 Mg-ACT	Clec4a2
Prdx4	0	1.714211	0.383	0.101	0 Mg-ACT	Prdx4
Ttyh3	0	1.376309	0.363	0.081	0 Mg-ACT	Ttyh3
Hfe	0	4.766	0.289	0.007	0 Mg-ACT	Hfe
Naglu	0	2.433032	0.326	0.045	0 Mg-ACT	Naglu
Hk2	0	3.470457	0.299	0.018	0 Mg-ACT	Hk2
Dusp6	0	1.545071	0.366	0.086	0 Mg-ACT	Dusp6
Nlrp1b	0	2.528657	0.315	0.035	0 Mg-ACT	Nlrp1b
Ltbr	0	4.191942	0.289	0.009	0 Mg-ACT	Ltbr
Igsf6	0	5.31642	0.284	0.004	0 Mg-ACT	Igsf6
Pkib	0	4.637796	0.287	0.007	0 Mg-ACT	Pkib
Evi2a	0	1.435275	0.355	0.075	0 Mg-ACT	Evi2a
Lipa	0	1.507717	0.372	0.093	0 Mg-ACT	Lipa
Sbf2	0	2.039104	0.33	0.052	0 Mg-ACT	Sbf2
Wdfy2	0	1.372711	0.353	0.075	0 Mg-ACT	Wdfy2
Fndc3b	0	2.55323	0.318	0.041	0 Mg-ACT	Fndc3b
Adrb2	0	2.613902	0.313	0.036	0 Mg-ACT	Adrb2
Stab1	0	4.109023	0.295	0.018	0 Mg-ACT	Stab1
Pald1	0	3.923156	0.288	0.012	0 Mg-ACT	Pald1
Atp8a2	0	1.447386	0.364	0.089	0 Mg-ACT	Atp8a2
Rap2a	0	1.257783	0.362	0.087	0 Mg-ACT	Rap2a
Pld1	0	2.952576	0.299	0.024	0 Mg-ACT	Pld1
Dhrs3	0	1.994575	0.318	0.044	0 Mg-ACT	Dhrs3
Pdlim4	0	3.028069	0.296	0.022	0 Mg-ACT	Pdlim4
Cebpd	0	3.93915	0.288	0.014	0 Mg-ACT	Cebpd
Tmem106a	0	2.589391	0.307	0.034	0 Mg-ACT	Tmem106a
Cep170	0	1.481484	0.349	0.076	0 Mg-ACT	Cep170
Ang	0	3.541533	0.288	0.016	0 Mg-ACT	Ang
Gas6	0	2.670598	0.312	0.041	0 Mg-ACT	Gas6
Rab32	0	3.861785	0.285	0.014	0 Mg-ACT	Rab32
Kcnk13	0	4.338767	0.277	0.007	0 Mg-ACT	Kcnk13
Osbpl11	0	1.570253	0.352	0.082	0 Mg-ACT	Osbpl11
Slc15a3	0	3.57754	0.286	0.016	0 Mg-ACT	Slc15a3
Hebp1	0	3.971151	0.279	0.01	0 Mg-ACT	Hebp1
Il1a	0	5.511025	0.273	0.005	0 Mg-ACT	Il1a
Dnajb14	0	1.75177	0.32	0.052	0 Mg-ACT	Dnajb14
Nagpa	0	1.365513	0.353	0.085	0 Mg-ACT	Nagpa

Sgk3	0	2.299677	0.305	0.038	0 Mg-ACT	Sgk3
Slc31a2	0	2.104166	0.31	0.043	0 Mg-ACT	Slc31a2
Hsd17b11	0	1.800489	0.318	0.051	0 Mg-ACT	Hsd17b11
Ifi207	0	4.90974	0.272	0.007	0 Mg-ACT	Ifi207
Ttc28	0	1.628248	0.353	0.088	0 Mg-ACT	Ttc28
Tgfb1	0	5.138564	0.274	0.009	0 Mg-ACT	Tgfb1
Tep1	0	1.517901	0.328	0.064	0 Mg-ACT	Tep1
Ralb	0	2.862025	0.287	0.023	0 Mg-ACT	Ralb
Naip2	0	1.762014	0.318	0.055	0 Mg-ACT	Naip2
Abcd2	0	4.152842	0.27	0.008	0 Mg-ACT	Abcd2
P3h2	0	3.798703	0.275	0.014	0 Mg-ACT	P3h2
Gm4951	0	2.354183	0.303	0.042	0 Mg-ACT	Gm4951
Adora3	0	6.418106	0.26	0.002	0 Mg-ACT	Adora3
Tubgcp5	0	1.553758	0.339	0.081	0 Mg-ACT	Tubgcp5
Mcfd2	0	1.62316	0.319	0.062	0 Mg-ACT	Mcfd2
Rnase6	0	5.034864	0.262	0.006	0 Mg-ACT	Rnase6
Oasl2	0	2.210634	0.301	0.046	0 Mg-ACT	Oasl2
C3	0	6.057924	0.26	0.005	0 Mg-ACT	C3
Ifi204	0	4.349708	0.262	0.008	0 Mg-ACT	Ifi204
Fam91a1	0	1.486216	0.326	0.072	0 Mg-ACT	Fam91a1
Pik3cb	0	1.925755	0.297	0.044	0 Mg-ACT	Pik3cb
I830077J02	0	5.116508	0.255	0.003	0 Mg-ACT	I830077J02Rik
Abcc3	0	4.273907	0.26	0.008	0 Mg-ACT	Abcc3
Slamf9	0	6.13014	0.253	0.003	0 Mg-ACT	Slamf9
Ank2	0	2.073461	0.305	0.055	0 Mg-ACT	Ank2
Rtn4rl1	0	1.804624	0.316	0.066	0 Mg-ACT	Rtn4rl1
Sec14l1	0	1.522789	0.321	0.071	0 Mg-ACT	Sec14l1
Rgmb	0	3.692324	0.262	0.012	0 Mg-ACT	Rgmb
Agmo	0	3.379388	0.269	0.02	0 Mg-ACT	Agmo
Dpy19l4	0	1.596276	0.312	0.063	0 Mg-ACT	Dpy19l4
Hacd4	0	3.684891	0.26	0.011	0 Mg-ACT	Hacd4
Cdk14	0	2.477689	0.285	0.036	0 Mg-ACT	Cdk14
Gpr137b	0	3.261461	0.265	0.017	0 Mg-ACT	Gpr137b
Clec4a3	0	5.606587	0.25	0.003	0 Mg-ACT	Clec4a3
Lyl1	0	4.364008	0.254	0.007	0 Mg-ACT	Lyl1
Gm42031	0	1.71881	0.316	0.069	0 Mg-ACT	Gm42031
Myadm	0	2.257619	0.289	0.043	0 Mg-ACT	Myadm
Milr1	0	3.378577	0.262	0.016	0 Mg-ACT	Milr1
Usp12	0	1.450847	0.316	0.071	0 Mg-ACT	Usp12
Kcnk6	0	3.226168	0.261	0.016	0 Mg-ACT	Kcnk6
Nuak1	0	3.966968	0.256	0.011	0 Mg-ACT	Nuak1
Npc2	0	1.352741	0.88	0.636	0 Mg-ACT	Npc2
Tmem104	0	2.120052	0.283	0.039	0 Mg-ACT	Tmem104
Pon3	0	2.587436	0.273	0.03	0 Mg-ACT	Pon3

Pmp22	0	3.751595	0.259	0.016	0	Mg-ACT	Pmp22
Hexb	0	2.544376	0.984	0.742	0	Mg-ACT	Hexb
Cxxc5	0	1.83867	0.303	0.061	0	Mg-ACT	Cxxc5
Tmem37	0	2.029547	0.284	0.043	0	Mg-ACT	Tmem37
Atp13a2	0	1.535128	0.299	0.058	0	Mg-ACT	Atp13a2
Snx30	0	1.598185	0.292	0.053	0	Mg-ACT	Snx30
Mmp14	0	3.221093	0.254	0.015	0	Mg-ACT	Mmp14
Bach1	0	1.445686	0.303	0.064	0	Mg-ACT	Bach1
Serinc3	0	1.169601	0.907	0.669	0	Mg-ACT	Serinc3
Plxdc1	0	3.001697	0.259	0.022	0	Mg-ACT	Plxdc1
Nfix	0	1.524311	0.293	0.056	0	Mg-ACT	Nfix
Csmd3	0	2.929366	0.299	0.062	0	Mg-ACT	Csmd3
Rhoq	0	1.471089	0.295	0.058	0	Mg-ACT	Rhoq
Ccdc86	0	1.589447	0.306	0.069	0	Mg-ACT	Ccdc86
Cmklr1	0	3.184583	0.25	0.015	0	Mg-ACT	Cmklr1
Cacna1d	0	2.784493	0.263	0.029	0	Mg-ACT	Cacna1d
Ptov1	0	1.687146	0.28	0.047	0	Mg-ACT	Ptov1
Slc15a4	0	1.733425	0.286	0.053	0	Mg-ACT	Slc15a4
Vav2	0	2.46933	0.26	0.03	0	Mg-ACT	Vav2
Rassf3	0	2.056807	0.269	0.04	0	Mg-ACT	Rassf3
Khk	0	1.897728	0.27	0.043	0	Mg-ACT	Khk
Spire1	0	2.622942	0.251	0.024	0	Mg-ACT	Spire1
Slc31a1	0	1.777556	0.282	0.056	0	Mg-ACT	Slc31a1
Arl10	0	1.675255	0.266	0.044	0	Mg-ACT	Arl10
Sh3pxd2a	0	1.854486	0.267	0.045	0	Mg-ACT	Sh3pxd2a
Scmh1	0	1.727079	0.273	0.054	0	Mg-ACT	Scmh1
Vwa5a	0	1.68431	0.258	0.041	0	Mg-ACT	Vwa5a
Tjp1	0	1.960203	0.257	0.043	0	Mg-ACT	Tjp1
Slc46a3	0	1.92675	0.251	0.039	0	Mg-ACT	Slc46a3
Mfsd11	0	1.699924	0.257	0.048	0	Mg-ACT	Mfsd11
Ctsd	0	2.4	0.913	0.731	0	Mg-ACT	Ctsd
Ftl1	0	1.784046	0.97	0.862	0	Mg-ACT	Ftl1
Itm2b	0	1.112329	0.977	0.934	0	Mg-ACT	Itm2b
Fth1	0	1.04195	0.996	0.974	0	Mg-ACT	Fth1
Pnpla7	6.56E-308	1.105594	0.377	0.099	1.61E-303	Mg-ACT	Pnpla7
Lpcat1	1.17E-306	1.396928	0.329	0.08	2.86E-302	Mg-ACT	Lpcat1
Tfe3	6.07E-306	1.611362	0.261	0.05	1.49E-301	Mg-ACT	Tfe3
Fuca1	3.35E-305	1.056217	0.54	0.195	8.21E-301	Mg-ACT	Fuca1
Myo9a	6.50E-304	1.229844	0.418	0.124	1.59E-299	Mg-ACT	Myo9a
Gaa	7.14E-300	1.416567	0.292	0.064	1.75E-295	Mg-ACT	Gaa
Stk3	9.65E-300	1.472637	0.283	0.06	2.36E-295	Mg-ACT	Stk3
Stard3	1.51E-299	1.138606	0.383	0.106	3.70E-295	Mg-ACT	Stard3
Itgax	1.79E-298	1.570121	0.277	0.058	4.39E-294	Mg-ACT	Itgax
Alg8	3.35E-298	1.854188	0.266	0.055	8.21E-294	Mg-ACT	Alg8

Alas1	7.65E-298	1.592779	0.328	0.082	1.87E-293	Mg-ACT	Alas1
Tnfrsf13b	5.36E-297	1.32178	0.305	0.071	1.31E-292	Mg-ACT	Tnfrsf13b
Trio	8.73E-297	1.153793	0.347	0.088	2.14E-292	Mg-ACT	Trio
Tbc1d5	1.33E-296	1.011589	0.574	0.217	3.26E-292	Mg-ACT	Tbc1d5
Sfmbt1	1.69E-296	1.405482	0.313	0.075	4.14E-292	Mg-ACT	Sfmbt1
Plekhn2	6.02E-296	1.297405	0.332	0.083	1.47E-291	Mg-ACT	Plekhn2
Mafg	3.03E-295	1.43278	0.282	0.061	7.43E-291	Mg-ACT	Mafg
Lpin2	1.31E-294	1.038984	0.489	0.165	3.21E-290	Mg-ACT	Lpin2
Fnip1	1.32E-294	1.115064	0.395	0.114	3.24E-290	Mg-ACT	Fnip1
Nrp1	3.19E-294	1.103031	0.454	0.147	7.81E-290	Mg-ACT	Nrp1
Tbc1d22a	1.19E-290	1.16308	0.39	0.112	2.90E-286	Mg-ACT	Tbc1d22a
Ppp1r21	2.43E-290	1.052718	0.393	0.112	5.94E-286	Mg-ACT	Ppp1r21
Plbd2	1.54E-287	1.258191	0.346	0.092	3.76E-283	Mg-ACT	Plbd2
Itprid2	1.55E-285	1.382482	0.262	0.053	3.79E-281	Mg-ACT	Itprid2
Tmem219	2.30E-285	1.042202	0.471	0.159	5.63E-281	Mg-ACT	Tmem219
Itm2c1	2.47E-285	0.987213	0.74	0.384	6.04E-281	Mg-ACT	Itm2c
Gna15	4.22E-285	0.980327	0.447	0.142	1.03E-280	Mg-ACT	Gna15
Wls	4.24E-285	0.93277	0.39	0.111	1.04E-280	Mg-ACT	Wls
Parp12	2.98E-284	1.421357	0.264	0.055	7.29E-280	Mg-ACT	Parp12
Acap2	1.19E-283	0.930546	0.59	0.228	2.90E-279	Mg-ACT	Acap2
Phka2	2.53E-283	1.54124	0.256	0.053	6.19E-279	Mg-ACT	Phka2
Cyp4v3	5.21E-283	1.253968	0.267	0.056	1.28E-278	Mg-ACT	Cyp4v3
Notch2	2.33E-280	1.061561	0.433	0.138	5.71E-276	Mg-ACT	Notch2
Igsf8	3.01E-280	1.255479	0.339	0.091	7.37E-276	Mg-ACT	Igsf8
Nedd4l	3.01E-280	1.263179	0.285	0.064	7.37E-276	Mg-ACT	Nedd4l
Asap1	2.90E-279	0.906607	0.625	0.256	7.10E-275	Mg-ACT	Asap1
Ftl1-ps1	3.16E-279	1.689965	0.277	0.062	7.73E-275	Mg-ACT	Ftl1-ps1
Lrpap1	1.40E-276	1.002171	0.482	0.167	3.43E-272	Mg-ACT	Lrpap1
Dip2b	1.48E-276	1.003379	0.61	0.255	3.63E-272	Mg-ACT	Dip2b
Dstn	1.19E-275	1.253782	0.408	0.127	2.90E-271	Mg-ACT	Dstn
Rtn4	2.66E-275	0.9396	0.671	0.301	6.51E-271	Mg-ACT	Rtn4
Sft2d1	2.71E-274	1.03209	0.656	0.299	6.65E-270	Mg-ACT	Sft2d1
Fuca2	2.44E-273	1.151638	0.362	0.103	5.98E-269	Mg-ACT	Fuca2
Sh3bp2	3.76E-273	1.450323	0.266	0.058	9.21E-269	Mg-ACT	Sh3bp2
Wsb1	4.38E-273	0.952975	0.445	0.147	1.07E-268	Mg-ACT	Wsb1
Adam17	4.56E-272	0.991016	0.459	0.156	1.12E-267	Mg-ACT	Adam17
Ifitm2	7.78E-272	1.466034	0.323	0.089	1.90E-267	Mg-ACT	Ifitm2
Usp8	2.84E-269	0.931465	0.441	0.145	6.95E-265	Mg-ACT	Usp8
Dram2	4.46E-268	0.977632	0.393	0.119	1.09E-263	Mg-ACT	Dram2
Nfic	3.05E-267	1.007165	0.377	0.111	7.46E-263	Mg-ACT	Nfic
Frrs1	8.07E-267	1.28489	0.282	0.067	1.98E-262	Mg-ACT	Frrs1
Atp6v1b2	4.02E-265	1.019232	0.495	0.18	9.83E-261	Mg-ACT	Atp6v1b2
Plekhn3	1.91E-264	1.198286	0.276	0.063	4.68E-260	Mg-ACT	Plekhn3
Ptpn6	9.73E-264	0.826542	0.662	0.295	2.38E-259	Mg-ACT	Ptpn6

Hsd17b4	3.12E-263	1.091	0.37	0.11	7.63E-259	Mg-ACT	Hsd17b4
Cebpg	3.94E-263	0.896512	0.456	0.155	9.64E-259	Mg-ACT	Cebpg
Cers6	1.30E-262	1.356899	0.336	0.094	3.17E-258	Mg-ACT	Cers6
Tuba1b	1.97E-262	1.115042	0.643	0.313	4.82E-258	Mg-ACT	Tuba1b
Edem2	2.04E-262	0.973663	0.452	0.155	5.00E-258	Mg-ACT	Edem2
Slc29a1	2.23E-262	1.25473	0.395	0.127	5.47E-258	Mg-ACT	Slc29a1
Bmpr2	2.57E-262	1.226929	0.268	0.061	6.29E-258	Mg-ACT	Bmpr2
Lrrc8d	9.19E-262	0.96015	0.372	0.111	2.25E-257	Mg-ACT	Lrrc8d
Dclre1c	3.45E-261	1.314474	0.291	0.072	8.45E-257	Mg-ACT	Dclre1c
Mgat4b	8.49E-261	1.299979	0.263	0.059	2.08E-256	Mg-ACT	Mgat4b
Magt1	2.33E-260	1.020221	0.377	0.114	5.71E-256	Mg-ACT	Magt1
Fez2	3.14E-260	1.113673	0.301	0.076	7.70E-256	Mg-ACT	Fez2
Tec	1.08E-259	1.056268	0.346	0.098	2.64E-255	Mg-ACT	Tec
Snx5	3.44E-259	0.957778	0.712	0.367	8.44E-255	Mg-ACT	Snx5
Irak2	6.97E-259	0.865141	0.456	0.155	1.71E-254	Mg-ACT	Irak2
Nek6	2.02E-258	1.467327	0.275	0.066	4.93E-254	Mg-ACT	Nek6
Ptptra	2.43E-258	0.920471	0.591	0.244	5.96E-254	Mg-ACT	Ptptra
Mylip	2.66E-258	1.112124	0.479	0.175	6.52E-254	Mg-ACT	Mylip
Syng2	6.13E-258	1.13237	0.685	0.345	1.50E-253	Mg-ACT	Syng2
Cerk	1.01E-257	0.962029	0.404	0.128	2.47E-253	Mg-ACT	Cerk
1700017B0	3.12E-257	1.131523	0.388	0.123	7.63E-253	Mg-ACT	1700017B05Rik
Slc12a2	7.08E-257	1.576448	0.258	0.058	1.73E-252	Mg-ACT	Slc12a2
Sap30	1.19E-256	1.389324	0.283	0.071	2.91E-252	Mg-ACT	Sap30
Uvrag	4.75E-256	0.882395	0.562	0.223	1.16E-251	Mg-ACT	Uvrag
Fkbp15	8.47E-256	0.884252	0.411	0.132	2.07E-251	Mg-ACT	Fkbp15
Oxct1	2.54E-255	1.021463	0.551	0.226	6.22E-251	Mg-ACT	Oxct1
Anks1	2.47E-254	1.091438	0.317	0.085	6.06E-250	Mg-ACT	Anks1
Mapk14	3.97E-254	0.926486	0.499	0.184	9.71E-250	Mg-ACT	Mapk14
Cks1b	5.29E-254	1.399724	0.334	0.098	1.30E-249	Mg-ACT	Cks1b
Ssh2	5.76E-254	0.988338	0.722	0.365	1.41E-249	Mg-ACT	Ssh2
Rnf19b	2.67E-253	1.158918	0.414	0.139	6.54E-249	Mg-ACT	Rnf19b
Atp6ap1	3.83E-253	0.918862	0.582	0.243	9.38E-249	Mg-ACT	Atp6ap1
P4hb	1.61E-252	1.043125	0.679	0.338	3.94E-248	Mg-ACT	P4hb
Birc5	3.03E-252	1.45501	0.281	0.071	7.41E-248	Mg-ACT	Birc5
Ddi2	4.04E-252	1.008018	0.355	0.104	9.88E-248	Mg-ACT	Ddi2
Znfx1	6.85E-252	1.079021	0.377	0.116	1.68E-247	Mg-ACT	Znfx1
Clta	8.08E-251	0.80927	0.88	0.681	1.98E-246	Mg-ACT	Clta
Srsf9	7.97E-250	0.948319	0.633	0.291	1.95E-245	Mg-ACT	Srsf9
Papss1	1.64E-249	1.225266	0.306	0.082	4.01E-245	Mg-ACT	Papss1
Tnrc18	3.69E-249	1.028925	0.368	0.112	9.03E-245	Mg-ACT	Tnrc18
Atpif1	6.52E-249	0.908931	0.744	0.405	1.60E-244	Mg-ACT	Atpif1
Herc2	8.57E-247	1.019188	0.496	0.19	2.10E-242	Mg-ACT	Herc2
Hsd17b12	1.43E-246	0.932994	0.405	0.135	3.49E-242	Mg-ACT	Hsd17b12
Pea15a	2.12E-246	0.935178	0.448	0.156	5.18E-242	Mg-ACT	Pea15a

Picalm	2.14E-246	0.915311	0.661	0.308	5.24E-242	Mg-ACT	Picalm
Pik3cg	3.28E-246	1.026851	0.353	0.105	8.02E-242	Mg-ACT	Pik3cg
Cep85	9.89E-246	1.445332	0.417	0.148	2.42E-241	Mg-ACT	Cep85
Arap1	1.84E-245	0.963883	0.314	0.085	4.50E-241	Mg-ACT	Arap1
Atp2c1	2.16E-245	0.942425	0.438	0.151	5.29E-241	Mg-ACT	Atp2c1
Pepd	3.47E-245	0.960902	0.37	0.114	8.50E-241	Mg-ACT	Pepd
Slc25a45	3.83E-244	1.20713	0.262	0.062	9.38E-240	Mg-ACT	Slc25a45
Orai11	3.50E-243	0.679741	0.581	0.235	8.56E-239	Mg-ACT	Orai1
Abcd1	9.04E-243	1.163273	0.267	0.064	2.21E-238	Mg-ACT	Abcd1
Dpysl2	1.69E-242	1.095141	0.369	0.117	4.14E-238	Mg-ACT	Dpysl2
Lrch1	2.92E-242	0.810186	0.637	0.282	7.14E-238	Mg-ACT	Lrch1
Snx13	4.10E-242	1.047849	0.338	0.099	1.00E-237	Mg-ACT	Snx13
Pgd	1.31E-241	1.154935	0.399	0.135	3.22E-237	Mg-ACT	Pgd
Tiam1	3.16E-241	1.487409	0.265	0.066	7.74E-237	Mg-ACT	Tiam1
Canx	4.67E-241	0.904219	0.709	0.353	1.14E-236	Mg-ACT	Canx
Tm6sf1	5.83E-240	0.838825	0.469	0.17	1.43E-235	Mg-ACT	Tm6sf1
Nagk	3.27E-239	1.085905	0.293	0.077	8.00E-235	Mg-ACT	Nagk
Mfap3	1.00E-238	1.012849	0.314	0.088	2.46E-234	Mg-ACT	Mfap3
Cdk1	1.35E-236	1.602807	0.27	0.07	3.30E-232	Mg-ACT	Cdk1
Sppl2a	1.45E-236	0.79736	0.52	0.203	3.56E-232	Mg-ACT	Sppl2a
Atf6	2.69E-236	0.84022	0.365	0.114	6.60E-232	Mg-ACT	Atf6
Tmem63a	3.67E-236	1.090715	0.273	0.068	8.98E-232	Mg-ACT	Tmem63a
Tmem109	1.35E-235	1.040029	0.386	0.127	3.30E-231	Mg-ACT	Tmem109
Akr1b10	3.84E-235	1.093224	0.288	0.076	9.41E-231	Mg-ACT	Akr1b10
Vav1	5.54E-235	0.848404	0.594	0.256	1.36E-230	Mg-ACT	Vav1
Ube2c	6.03E-235	1.379635	0.263	0.068	1.48E-230	Mg-ACT	Ube2c
Ppcdc	6.50E-235	1.015415	0.382	0.125	1.59E-230	Mg-ACT	Ppcdc
Rock2	8.87E-234	0.797787	0.483	0.183	2.17E-229	Mg-ACT	Rock2
Tm2d2	2.36E-233	0.883385	0.434	0.153	5.77E-229	Mg-ACT	Tm2d2
Hivep3	4.88E-233	0.949745	0.451	0.166	1.19E-228	Mg-ACT	Hivep3
Pmepa11	5.07E-233	0.933953	0.629	0.304	1.24E-228	Mg-ACT	Pmepa1
Yif1b	7.69E-232	0.919135	0.434	0.155	1.88E-227	Mg-ACT	Yif1b
Ubash3b	1.17E-231	0.905641	0.54	0.221	2.86E-227	Mg-ACT	Ubash3b
Dennd5a	2.56E-229	0.82149	0.376	0.121	6.28E-225	Mg-ACT	Dennd5a
Fchsd2	3.62E-229	0.944753	0.56	0.24	8.87E-225	Mg-ACT	Fchsd2
Otulnl	8.00E-229	0.828647	0.733	0.385	1.96E-224	Mg-ACT	Otulnl
Atraid	6.52E-228	0.866687	0.468	0.176	1.60E-223	Mg-ACT	Atraid
Mapk3	9.53E-228	0.890613	0.474	0.181	2.33E-223	Mg-ACT	Mapk3
Oas1a	9.99E-228	1.034083	0.316	0.092	2.45E-223	Mg-ACT	Oas1a
Wasf2	1.25E-227	0.807503	0.709	0.356	3.06E-223	Mg-ACT	Wasf2
Htra2	3.06E-227	1.092508	0.317	0.093	7.48E-223	Mg-ACT	Htra2
Baz2b	1.81E-226	0.781056	0.477	0.179	4.44E-222	Mg-ACT	Baz2b
Dnajc13	5.21E-226	0.966385	0.372	0.121	1.28E-221	Mg-ACT	Dnajc13
Iffo1	6.07E-226	1.248653	0.267	0.069	1.49E-221	Mg-ACT	Iffo1

Lpcat3	1.70E-225	0.822682	0.38	0.127	4.16E-221	Mg-ACT	Lpcat3
Agps	3.01E-225	0.89945	0.434	0.157	7.36E-221	Mg-ACT	Agps
Npc1	1.14E-223	1.029787	0.284	0.077	2.80E-219	Mg-ACT	Npc1
Synj1	2.36E-223	0.820495	0.397	0.135	5.79E-219	Mg-ACT	Synj1
Tbc1d14	1.23E-222	0.980521	0.334	0.103	3.02E-218	Mg-ACT	Tbc1d14
Hmgn1	7.85E-222	0.927073	0.537	0.228	1.92E-217	Mg-ACT	Hmgn1
Plekhf2	1.05E-221	1.029695	0.288	0.08	2.57E-217	Mg-ACT	Plekhf2
Lgals3bp	2.05E-221	1.213532	0.659	0.37	5.03E-217	Mg-ACT	Lgals3bp
Nenf	3.16E-221	0.886902	0.424	0.152	7.74E-217	Mg-ACT	Nenf
Abl1	5.66E-221	0.979393	0.303	0.088	1.39E-216	Mg-ACT	Abl1
Snap23	7.40E-221	0.93014	0.341	0.106	1.81E-216	Mg-ACT	Snap23
Pclaf	1.50E-220	1.238699	0.281	0.079	3.68E-216	Mg-ACT	Pclaf
Dnmt3a	1.73E-220	0.947448	0.424	0.156	4.23E-216	Mg-ACT	Dnmt3a
Bst21	6.74E-220	1.051198	0.771	0.479	1.65E-215	Mg-ACT	Bst2
Plekha1	7.49E-220	0.921071	0.284	0.077	1.83E-215	Mg-ACT	Plekha1
Cndp2	7.58E-220	0.955393	0.436	0.162	1.86E-215	Mg-ACT	Cndp2
Zswim6	8.12E-220	0.929804	0.501	0.203	1.99E-215	Mg-ACT	Zswim6
Ldlrad4	9.77E-220	1.072283	0.622	0.299	2.39E-215	Mg-ACT	Ldlrad4
Aig1	1.48E-219	0.812472	0.361	0.117	3.63E-215	Mg-ACT	Aig1
Slc35b2	2.03E-219	0.873789	0.448	0.169	4.98E-215	Mg-ACT	Slc35b2
Rab43	2.42E-218	0.790099	0.386	0.131	5.93E-214	Mg-ACT	Rab43
Reep3	2.18E-217	0.726405	0.469	0.179	5.33E-213	Mg-ACT	Reep3
Mtdh	1.26E-216	0.780234	0.758	0.424	3.07E-212	Mg-ACT	Mtdh
Atp6v1a	1.27E-216	0.940374	0.403	0.143	3.10E-212	Mg-ACT	Atp6v1a
Dcxr	2.48E-216	0.90089	0.278	0.075	6.08E-212	Mg-ACT	Dcxr
Ube2l6	3.87E-216	0.814266	0.329	0.102	9.48E-212	Mg-ACT	Ube2l6
Nampt	3.37E-215	1.015114	0.331	0.105	8.25E-211	Mg-ACT	Nampt
Nrm	9.90E-214	1.216479	0.328	0.105	2.42E-209	Mg-ACT	Nrm
Gsdmd	3.01E-213	0.69821	0.434	0.159	7.38E-209	Mg-ACT	Gsdmd
Usp21	8.14E-211	1.051307	0.267	0.073	1.99E-206	Mg-ACT	Usp21
Vegfb	1.26E-210	1.012645	0.359	0.121	3.09E-206	Mg-ACT	Vegfb
St6galnac4	2.57E-210	0.892246	0.379	0.131	6.29E-206	Mg-ACT	St6galnac4
Mki67	5.63E-210	1.318979	0.325	0.109	1.38E-205	Mg-ACT	Mki67
Ggh	8.58E-210	0.888685	0.401	0.144	2.10E-205	Mg-ACT	Ggh
Cdca8	1.26E-209	1.410113	0.259	0.071	3.09E-205	Mg-ACT	Cdca8
Dcakd	1.35E-209	1.103178	0.322	0.102	3.31E-205	Mg-ACT	Dcakd
Slc43a2	9.67E-209	0.885317	0.327	0.103	2.37E-204	Mg-ACT	Slc43a2
Slc35c2	2.78E-208	0.737176	0.369	0.124	6.82E-204	Mg-ACT	Slc35c2
Tbc1d23	2.98E-208	0.825734	0.311	0.094	7.31E-204	Mg-ACT	Tbc1d23
Akr1a1	1.67E-207	0.884567	0.753	0.463	4.08E-203	Mg-ACT	Akr1a1
Nipa2	2.36E-206	0.721849	0.365	0.124	5.79E-202	Mg-ACT	Nipa2
Lactb	9.88E-206	1.012257	0.291	0.086	2.42E-201	Mg-ACT	Lactb
Ncstn	6.36E-205	0.690411	0.512	0.211	1.56E-200	Mg-ACT	Ncstn
Arl8b	7.52E-205	0.788116	0.427	0.16	1.84E-200	Mg-ACT	Arl8b

Ccdc50	1.45E-203	0.665925	0.509	0.207	3.54E-199	Mg-ACT	Ccdc50
Tmem106c	1.95E-203	1.159855	0.251	0.067	4.78E-199	Mg-ACT	Tmem106c
Lman2l	2.21E-203	0.901107	0.262	0.071	5.41E-199	Mg-ACT	Lman2l
Epn1	2.53E-203	0.742712	0.504	0.209	6.19E-199	Mg-ACT	Epn1
Ulk2	6.31E-203	0.978415	0.358	0.123	1.55E-198	Mg-ACT	Ulk2
Rel	6.63E-203	0.668246	0.414	0.152	1.62E-198	Mg-ACT	Rel
Tagap	1.01E-202	0.736032	0.364	0.124	2.46E-198	Mg-ACT	Tagap
Ehbp1l1	9.23E-202	0.794703	0.348	0.115	2.26E-197	Mg-ACT	Ehbp1l1
Nfya	1.21E-200	0.960383	0.258	0.071	2.96E-196	Mg-ACT	Nfya
Mtmr6	3.92E-200	0.833367	0.305	0.094	9.59E-196	Mg-ACT	Mtmr6
Nmt1	4.00E-200	0.741192	0.47	0.188	9.79E-196	Mg-ACT	Nmt1
Mgrn1	8.05E-200	0.867166	0.286	0.083	1.97E-195	Mg-ACT	Mgrn1
Trafd1	1.88E-199	0.667526	0.504	0.209	4.60E-195	Mg-ACT	Trafd1
Smap2	3.15E-199	0.862109	0.656	0.335	7.71E-195	Mg-ACT	Smap2
Cuedc2	4.24E-199	0.850331	0.482	0.199	1.04E-194	Mg-ACT	Cuedc2
Tgs1	4.62E-199	0.726829	0.398	0.146	1.13E-194	Mg-ACT	Tgs1
Txndc15	6.79E-199	0.79059	0.415	0.155	1.66E-194	Mg-ACT	Txndc15
Prkcb	1.04E-198	0.806674	0.59	0.272	2.55E-194	Mg-ACT	Prkcb
G6pdx	1.12E-198	1.26643	0.25	0.068	2.73E-194	Mg-ACT	G6pdx
Bicd2	1.94E-198	1.0351	0.27	0.077	4.74E-194	Mg-ACT	Bicd2
Tspan31	2.78E-198	0.712213	0.419	0.155	6.82E-194	Mg-ACT	Tspan31
Uap1l1	1.05E-197	1.073194	0.258	0.071	2.57E-193	Mg-ACT	Uap1l1
Necap2	1.77E-197	0.739037	0.466	0.187	4.34E-193	Mg-ACT	Necap2
Vrk2	2.80E-197	0.815176	0.417	0.158	6.87E-193	Mg-ACT	Vrk2
Fcho2	3.13E-197	0.607342	0.467	0.185	7.68E-193	Mg-ACT	Fcho2
Gsn	3.45E-197	1.463946	0.266	0.078	8.44E-193	Mg-ACT	Gsn
Washc4	5.17E-197	0.676928	0.353	0.119	1.27E-192	Mg-ACT	Washc4
Adap1	8.56E-197	0.9694	0.286	0.086	2.10E-192	Mg-ACT	Adap1
Edem1	1.04E-196	0.716269	0.472	0.189	2.55E-192	Mg-ACT	Edem1
Smox	5.41E-195	0.636284	0.322	0.103	1.33E-190	Mg-ACT	Smox
Rere	1.42E-194	0.708282	0.51	0.214	3.48E-190	Mg-ACT	Rere
Tmem135	3.10E-194	0.759878	0.414	0.158	7.58E-190	Mg-ACT	Tmem135
Tmed7	3.23E-194	0.704681	0.438	0.169	7.90E-190	Mg-ACT	Tmed7
Hacd2	5.71E-194	0.905925	0.393	0.147	1.40E-189	Mg-ACT	Hacd2
Pfkfb3	6.90E-194	0.792777	0.309	0.098	1.69E-189	Mg-ACT	Pfkfb3
Hsp90b1	1.01E-193	0.833119	0.845	0.619	2.48E-189	Mg-ACT	Hsp90b1
Sdccag8	2.35E-193	0.827989	0.353	0.123	5.75E-189	Mg-ACT	Sdccag8
Rufy1	8.44E-193	0.960924	0.25	0.069	2.07E-188	Mg-ACT	Rufy1
Prdx5	2.44E-192	1.063682	0.774	0.501	5.98E-188	Mg-ACT	Prdx5
Pck2	3.04E-192	1.171287	0.254	0.072	7.43E-188	Mg-ACT	Pck2
Tk1	6.02E-192	1.565493	0.255	0.075	1.47E-187	Mg-ACT	Tk1
Sigmar1	2.96E-191	1.011239	0.276	0.083	7.25E-187	Mg-ACT	Sigmar1
Ski	3.41E-191	0.809281	0.436	0.172	8.34E-187	Mg-ACT	Ski
Camk2d	5.85E-191	0.734039	0.591	0.277	1.43E-186	Mg-ACT	Camk2d

Anxa4	7.47E-191	1.159635	0.259	0.075	1.83E-186	Mg-ACT	Anxa4
Map7d1	1.48E-190	0.699076	0.377	0.136	3.62E-186	Mg-ACT	Map7d1
Bsg	1.71E-190	0.734104	0.801	0.502	4.19E-186	Mg-ACT	Bsg
Tmed10	3.47E-190	0.705003	0.713	0.386	8.51E-186	Mg-ACT	Tmed10
Pdgfb	5.02E-190	1.154492	0.27	0.08	1.23E-185	Mg-ACT	Pdgfb
Chka	2.46E-189	1.133978	0.251	0.071	6.02E-185	Mg-ACT	Chka
Lman1	1.39E-188	0.737359	0.376	0.136	3.40E-184	Mg-ACT	Lman1
Top2a	1.55E-188	1.279775	0.323	0.116	3.81E-184	Mg-ACT	Top2a
Mvp	2.57E-188	0.752424	0.324	0.107	6.28E-184	Mg-ACT	Mvp
Vps35	5.97E-188	0.652157	0.402	0.151	1.46E-183	Mg-ACT	Vps35
Cnih4	6.04E-188	0.641092	0.515	0.221	1.48E-183	Mg-ACT	Cnih4
Laptm5	6.01E-187	0.563786	0.937	0.856	1.47E-182	Mg-ACT	Laptm5
Pdia6	1.97E-186	0.907146	0.648	0.34	4.82E-182	Mg-ACT	Pdia6
Vrk1	3.03E-186	0.722161	0.482	0.203	7.42E-182	Mg-ACT	Vrk1
Man1a2	5.02E-186	0.631542	0.468	0.191	1.23E-181	Mg-ACT	Man1a2
Map3k3	7.65E-186	0.674356	0.373	0.134	1.87E-181	Mg-ACT	Map3k3
Ergic3	1.39E-185	0.688624	0.605	0.287	3.40E-181	Mg-ACT	Ergic3
Ube2e3	1.96E-185	0.78259	0.347	0.122	4.80E-181	Mg-ACT	Ube2e3
Xbp1	3.25E-185	0.603919	0.508	0.217	7.96E-181	Mg-ACT	Xbp1
Plekho2	3.38E-185	0.862021	0.327	0.111	8.28E-181	Mg-ACT	Plekho2
Tsen34	7.23E-185	0.739419	0.307	0.1	1.77E-180	Mg-ACT	Tsen34
Tmem184b	1.34E-184	0.747461	0.306	0.099	3.28E-180	Mg-ACT	Tmem184b
Man2b2	2.40E-183	0.75458	0.343	0.12	5.88E-179	Mg-ACT	Man2b2
Nadk	4.77E-183	0.818346	0.388	0.147	1.17E-178	Mg-ACT	Nadk
Pag1	5.25E-183	0.816986	0.628	0.32	1.29E-178	Mg-ACT	Pag1
Cyb5r1	4.93E-182	0.890101	0.261	0.077	1.21E-177	Mg-ACT	Cyb5r1
Anapc15	2.43E-181	1.057624	0.29	0.094	5.95E-177	Mg-ACT	Anapc15
Gpr183	2.53E-181	0.371889	0.409	0.155	6.19E-177	Mg-ACT	Gpr183
Senp2	6.63E-181	0.641826	0.424	0.166	1.62E-176	Mg-ACT	Senp2
Tor1aip1	4.55E-180	0.574135	0.563	0.254	1.11E-175	Mg-ACT	Tor1aip1
Fam174a	5.50E-180	0.654516	0.441	0.177	1.35E-175	Mg-ACT	Fam174a
Mgat1	1.35E-179	0.687869	0.381	0.142	3.31E-175	Mg-ACT	Mgat1
Clptm1	1.49E-179	0.661638	0.449	0.183	3.64E-175	Mg-ACT	Clptm1
Sbno2	1.47E-178	0.708736	0.291	0.093	3.60E-174	Mg-ACT	Sbno2
Acss1	2.31E-178	0.868428	0.252	0.073	5.65E-174	Mg-ACT	Acss1
Gmpr2	2.68E-178	0.93359	0.277	0.087	6.57E-174	Mg-ACT	Gmpr2
Hmox2	2.75E-178	0.642738	0.574	0.265	6.72E-174	Mg-ACT	Hmox2
9530068E0	7.00E-178	0.671912	0.412	0.16	1.72E-173	Mg-ACT	9530068E07Rik
Rab14	9.52E-178	0.667363	0.681	0.357	2.33E-173	Mg-ACT	Rab14
Dpy19l1	2.50E-177	0.882112	0.295	0.097	6.13E-173	Mg-ACT	Dpy19l1
Eri3	7.52E-177	0.67319	0.371	0.138	1.84E-172	Mg-ACT	Eri3
Plcb2	8.65E-177	0.800619	0.273	0.084	2.12E-172	Mg-ACT	Plcb2
Map11	2.57E-176	0.688035	0.372	0.138	6.30E-172	Mg-ACT	Map11
Nt5c2	2.91E-176	0.850655	0.291	0.095	7.12E-172	Mg-ACT	Nt5c2

Ankle2	7.87E-176	0.766209	0.295	0.096	1.93E-171	Mg-ACT	Ankle2
Pwwp2a	9.63E-176	0.86505	0.299	0.1	2.36E-171	Mg-ACT	Pwwp2a
C1galt1c1	1.06E-175	1.126877	0.263	0.081	2.59E-171	Mg-ACT	C1galt1c1
Gba	1.64E-175	0.646518	0.364	0.134	4.01E-171	Mg-ACT	Gba
Arl8a	1.70E-175	0.661037	0.416	0.164	4.17E-171	Mg-ACT	Arl8a
Aff1	2.07E-175	0.720317	0.366	0.135	5.06E-171	Mg-ACT	Aff1
Calr	2.31E-175	0.827896	0.661	0.359	5.65E-171	Mg-ACT	Calr
Tent2	7.23E-175	0.620408	0.419	0.165	1.77E-170	Mg-ACT	Tent2
Ccdc93	2.57E-174	0.964193	0.259	0.079	6.30E-170	Mg-ACT	Ccdc93
Pde4dip	3.68E-173	0.785351	0.283	0.091	9.02E-169	Mg-ACT	Pde4dip
Abcg1	6.57E-173	0.79361	0.339	0.123	1.61E-168	Mg-ACT	Abcg1
Jmjd1c	8.65E-173	0.676767	0.608	0.297	2.12E-168	Mg-ACT	Jmjd1c
E2f3	1.05E-172	1.139917	0.253	0.078	2.58E-168	Mg-ACT	E2f3
Myo18a	2.96E-172	0.817495	0.264	0.082	7.25E-168	Mg-ACT	Myo18a
Soat1	6.09E-172	0.601307	0.408	0.161	1.49E-167	Mg-ACT	Soat1
Pde3b	1.73E-171	0.875018	0.623	0.333	4.24E-167	Mg-ACT	Pde3b
Cebpz	1.74E-171	0.756253	0.418	0.171	4.25E-167	Mg-ACT	Cebpz
Ppt2	1.97E-171	0.637176	0.343	0.124	4.81E-167	Mg-ACT	Ppt2
Plcl2	2.95E-171	0.598928	0.556	0.257	7.21E-167	Mg-ACT	Plcl2
Atxn2	7.27E-171	0.726056	0.282	0.091	1.78E-166	Mg-ACT	Atxn2
Nptn	1.62E-170	0.582736	0.661	0.335	3.97E-166	Mg-ACT	Nptn
Stat2	3.21E-170	0.69203	0.345	0.126	7.87E-166	Mg-ACT	Stat2
Tgfb1	1.21E-169	0.621443	0.733	0.42	2.96E-165	Mg-ACT	Tgfb1
Map4k4	1.47E-169	0.644084	0.577	0.275	3.59E-165	Mg-ACT	Map4k4
Serp1	2.44E-169	0.750569	0.524	0.242	5.96E-165	Mg-ACT	Serp1
Map2k1	8.18E-169	0.5794	0.43	0.175	2.00E-164	Mg-ACT	Map2k1
Ncapd2	3.77E-168	1.244218	0.253	0.08	9.24E-164	Mg-ACT	Ncapd2
Cpd	5.22E-168	0.848499	0.296	0.101	1.28E-163	Mg-ACT	Cpd
Socs3	8.02E-168	1.128616	0.283	0.095	1.96E-163	Mg-ACT	Socs3
Hvcn1	8.45E-168	0.635157	0.376	0.144	2.07E-163	Mg-ACT	Hvcn1
Ywhag	2.37E-167	0.622089	0.434	0.178	5.79E-163	Mg-ACT	Ywhag
S100a1	3.63E-167	0.919855	0.292	0.098	8.90E-163	Mg-ACT	S100a1
Stard3nl	1.99E-166	0.58213	0.503	0.222	4.86E-162	Mg-ACT	Stard3nl
Hdlbp	6.80E-166	0.610735	0.46	0.196	1.66E-161	Mg-ACT	Hdlbp
Luzp1	1.05E-165	0.859169	0.252	0.077	2.57E-161	Mg-ACT	Luzp1
Tmem243	1.50E-165	0.553695	0.511	0.225	3.67E-161	Mg-ACT	Tmem243
Ifnar2	3.63E-165	0.591483	0.725	0.404	8.89E-161	Mg-ACT	Ifnar2
Rpn1	6.55E-165	0.7423	0.541	0.257	1.60E-160	Mg-ACT	Rpn1
Rnf169	4.39E-164	0.590021	0.415	0.168	1.07E-159	Mg-ACT	Rnf169
Rps6ka5	1.15E-163	0.782039	0.294	0.1	2.82E-159	Mg-ACT	Rps6ka5
Ier5	1.39E-163	0.775842	0.601	0.317	3.42E-159	Mg-ACT	Ier5
Slc12a6	2.11E-163	0.644375	0.441	0.186	5.16E-159	Mg-ACT	Slc12a6
Rsu1	2.30E-163	0.533406	0.45	0.189	5.63E-159	Mg-ACT	Rsu1
Gsap	3.45E-163	0.568841	0.391	0.154	8.46E-159	Mg-ACT	Gsap

Sh3glb1	4.83E-163	0.612752	0.782	0.493	1.18E-158	Mg-ACT	Sh3glb1
Ufsp2	9.41E-163	0.706226	0.258	0.082	2.30E-158	Mg-ACT	Ufsp2
Tnfaip8l2	2.39E-162	0.595779	0.535	0.245	5.85E-158	Mg-ACT	Tnfaip8l2
Mapkapk2	4.41E-162	0.629112	0.509	0.234	1.08E-157	Mg-ACT	Mapkapk2
Slc23a2	4.64E-162	0.85128	0.283	0.095	1.14E-157	Mg-ACT	Slc23a2
Slc16a6	5.25E-162	0.594079	0.354	0.134	1.29E-157	Mg-ACT	Slc16a6
Sptlc2	7.43E-162	0.535834	0.454	0.192	1.82E-157	Mg-ACT	Sptlc2
Mvb12b	1.31E-161	0.759262	0.337	0.125	3.20E-157	Mg-ACT	Mvb12b
Tmem1731	1.81E-161	0.623443	0.557	0.267	4.43E-157	Mg-ACT	Tmem173
Tmem131	2.84E-161	0.447721	0.432	0.178	6.96E-157	Mg-ACT	Tmem131
Phactr2	4.07E-161	0.730526	0.336	0.126	9.98E-157	Mg-ACT	Phactr2
Osbpl9	2.61E-160	0.502277	0.476	0.206	6.39E-156	Mg-ACT	Osbpl9
Arsb	2.89E-160	0.613168	0.553	0.268	7.07E-156	Mg-ACT	Arsb
Calhm2	4.13E-160	0.644131	0.286	0.097	1.01E-155	Mg-ACT	Calhm2
Eif2ak2	6.28E-160	0.55942	0.388	0.155	1.54E-155	Mg-ACT	Eif2ak2
Mgat5	7.10E-160	0.51677	0.452	0.196	1.74E-155	Mg-ACT	Mgat5
Pik3r1	8.27E-160	0.61517	0.584	0.285	2.03E-155	Mg-ACT	Pik3r1
Mcur1	1.74E-159	0.683526	0.28	0.093	4.26E-155	Mg-ACT	Mcur1
A630001G21Rik	2.50E-159	0.605761	0.339	0.126	6.13E-155	Mg-ACT	A630001G21Rik
Vamp3	4.22E-159	0.564876	0.336	0.125	1.03E-154	Mg-ACT	Vamp3
Mydgf	5.32E-159	0.618753	0.452	0.195	1.30E-154	Mg-ACT	Mydgf
Gde1	5.00E-158	0.729403	0.348	0.133	1.23E-153	Mg-ACT	Gde1
Parp1	2.03E-157	0.747832	0.332	0.125	4.98E-153	Mg-ACT	Parp1
Washc2	5.11E-157	0.640868	0.324	0.118	1.25E-152	Mg-ACT	Washc2
Morrbid	1.13E-156	0.981941	0.285	0.1	2.76E-152	Mg-ACT	Morrbid
Aftph	1.15E-156	0.601073	0.438	0.187	2.82E-152	Mg-ACT	Aftph
Tspan3	1.56E-156	0.60822	0.502	0.229	3.81E-152	Mg-ACT	Tspan3
Atp6v0d1	2.83E-156	0.622756	0.518	0.241	6.92E-152	Mg-ACT	Atp6v0d1
Pgap2	3.07E-156	0.578341	0.31	0.111	7.51E-152	Mg-ACT	Pgap2
Tmbim4	3.35E-156	0.534256	0.562	0.268	8.21E-152	Mg-ACT	Tmbim4
Rps6ka1	4.18E-156	0.560638	0.614	0.306	1.02E-151	Mg-ACT	Rps6ka1
Nudt9	7.36E-156	0.612392	0.384	0.154	1.80E-151	Mg-ACT	Nudt9
Sdcbp	1.59E-155	0.639984	0.68	0.378	3.89E-151	Mg-ACT	Sdcbp
Arhgap31	1.97E-154	0.450623	0.434	0.184	4.81E-150	Mg-ACT	Arhgap31
Parp8	8.87E-154	0.599702	0.396	0.161	2.17E-149	Mg-ACT	Parp8
Vps35l	1.13E-153	0.52657	0.338	0.128	2.76E-149	Mg-ACT	Vps35l
Fam111a	1.30E-153	0.654712	0.358	0.141	3.18E-149	Mg-ACT	Fam111a
Lmo4	2.90E-153	0.512406	0.28	0.094	7.09E-149	Mg-ACT	Lmo4
Serinc1	3.55E-153	0.467763	0.448	0.19	8.70E-149	Mg-ACT	Serinc1
Diaph3	3.76E-153	1.171165	0.254	0.085	9.21E-149	Mg-ACT	Diaph3
Atox1	1.03E-152	0.764855	0.779	0.534	2.53E-148	Mg-ACT	Atox1
Tacc1	1.04E-152	0.503657	0.617	0.303	2.55E-148	Mg-ACT	Tacc1
Aagab	1.11E-152	0.589355	0.317	0.117	2.72E-148	Mg-ACT	Aagab
Gnptab	1.95E-152	0.660052	0.251	0.081	4.77E-148	Mg-ACT	Gnptab

Ssr4	4.75E-152	0.694425	0.791	0.551	1.16E-147	Mg-ACT	Ssr4
Swap70	1.24E-151	0.699158	0.252	0.082	3.03E-147	Mg-ACT	Swap70
Creld2	1.47E-151	0.835531	0.348	0.137	3.61E-147	Mg-ACT	Creld2
Cdk19	3.82E-151	0.503427	0.366	0.145	9.35E-147	Mg-ACT	Cdk19
Tent5a	4.33E-151	0.507761	0.355	0.137	1.06E-146	Mg-ACT	Tent5a
Tmco1	6.36E-151	0.55927	0.47	0.209	1.56E-146	Mg-ACT	Tmco1
Gsto1	8.13E-151	0.760331	0.253	0.083	1.99E-146	Mg-ACT	Gsto1
Wwox	8.60E-151	0.654732	0.426	0.187	2.11E-146	Mg-ACT	Wwox
Clic4	1.92E-150	0.810436	0.413	0.18	4.70E-146	Mg-ACT	Clic4
Gdi2	2.24E-150	0.582607	0.8	0.523	5.48E-146	Mg-ACT	Gdi2
Stau1	4.43E-150	0.533796	0.351	0.136	1.08E-145	Mg-ACT	Stau1
Fam168a	5.26E-150	0.609609	0.338	0.13	1.29E-145	Mg-ACT	Fam168a
Hist1h1e	1.64E-148	0.734119	0.493	0.238	4.02E-144	Mg-ACT	Hist1h1e
Smc2	2.49E-148	0.878343	0.33	0.131	6.10E-144	Mg-ACT	Smc2
Morc3	3.11E-148	0.468316	0.496	0.225	7.63E-144	Mg-ACT	Morc3
Cyba	7.04E-148	0.488935	0.921	0.841	1.72E-143	Mg-ACT	Cyba
Mid1ip1	1.69E-147	0.930663	0.284	0.103	4.15E-143	Mg-ACT	Mid1ip1
Ccdc34	2.37E-147	0.864553	0.294	0.108	5.81E-143	Mg-ACT	Ccdc34
Abraxas2	4.55E-147	0.609572	0.257	0.085	1.11E-142	Mg-ACT	Abraxas2
Tfeb	8.95E-147	0.632805	0.262	0.088	2.19E-142	Mg-ACT	Tfeb
Adam10	1.19E-146	0.512707	0.532	0.253	2.90E-142	Mg-ACT	Adam10
Apex1	1.60E-146	0.927431	0.288	0.104	3.91E-142	Mg-ACT	Apex1
Tmx4	1.86E-146	0.940644	0.273	0.096	4.56E-142	Mg-ACT	Tmx4
Med7	2.03E-146	0.736105	0.28	0.099	4.98E-142	Mg-ACT	Med7
Abr	2.73E-146	0.636885	0.445	0.2	6.68E-142	Mg-ACT	Abr
Kpnb1	5.45E-146	0.603607	0.46	0.207	1.34E-141	Mg-ACT	Kpnb1
Strada	5.63E-146	0.644192	0.299	0.11	1.38E-141	Mg-ACT	Strada
Tmcc1	7.52E-146	0.505928	0.452	0.2	1.84E-141	Mg-ACT	Tmcc1
Pip5k1c	1.05E-145	0.518087	0.279	0.097	2.57E-141	Mg-ACT	Pip5k1c
Atp6v1c1	1.29E-145	0.606373	0.416	0.18	3.15E-141	Mg-ACT	Atp6v1c1
Hmgn2	1.29E-145	0.661102	0.681	0.405	3.15E-141	Mg-ACT	Hmgn2
Arhgef2	1.36E-145	0.513245	0.398	0.166	3.33E-141	Mg-ACT	Arhgef2
Mcm3	1.64E-145	0.87982	0.321	0.125	4.02E-141	Mg-ACT	Mcm3
Litaf	2.74E-145	0.42919	0.539	0.255	6.72E-141	Mg-ACT	Litaf
Mlec	2.98E-145	0.568754	0.48	0.22	7.31E-141	Mg-ACT	Mlec
Mpp6	5.99E-145	0.678209	0.375	0.155	1.47E-140	Mg-ACT	Mpp6
Snx21	9.03E-145	0.54028	0.521	0.25	2.21E-140	Mg-ACT	Snx2
Arhgap12	1.29E-144	0.612462	0.279	0.098	3.17E-140	Mg-ACT	Arhgap12
Hist1h1d	2.06E-144	0.917751	0.265	0.094	5.05E-140	Mg-ACT	Hist1h1d
Creb3	2.64E-144	0.465131	0.372	0.15	6.46E-140	Mg-ACT	Creb3
Efhd2	1.54E-143	0.586851	0.744	0.457	3.77E-139	Mg-ACT	Efhd2
Zfand5	2.96E-143	0.592862	0.44	0.197	7.26E-139	Mg-ACT	Zfand5
Amdhd2	6.63E-143	0.719538	0.268	0.093	1.62E-138	Mg-ACT	Amdhd2
Echs1	1.33E-142	0.5946	0.381	0.159	3.26E-138	Mg-ACT	Echs1

Cpne3	1.45E-142	0.523645	0.342	0.133	3.55E-138	Mg-ACT	Cpne3
Chd7	2.09E-142	0.579966	0.496	0.234	5.13E-138	Mg-ACT	Chd7
Phc2	3.00E-142	0.547173	0.442	0.196	7.35E-138	Mg-ACT	Phc2
Susd31	4.06E-142	0.507896	0.53	0.252	9.94E-138	Mg-ACT	Susd3
Nrip11	6.85E-142	0.329522	0.563	0.275	1.68E-137	Mg-ACT	Nrip1
Lcorl	8.39E-142	0.705874	0.342	0.137	2.05E-137	Mg-ACT	Lcorl
Mboat7	9.25E-142	0.563954	0.306	0.115	2.27E-137	Mg-ACT	Mboat7
Mpc1	1.56E-141	0.592867	0.639	0.339	3.83E-137	Mg-ACT	Mpc1
Ipo5	2.42E-141	0.658619	0.335	0.133	5.92E-137	Mg-ACT	Ipo5
Larp4b	2.48E-141	0.456947	0.503	0.236	6.06E-137	Mg-ACT	Larp4b
Cnpy2	7.95E-141	0.511571	0.452	0.203	1.95E-136	Mg-ACT	Cnpy2
Ethe1	8.80E-141	0.884969	0.269	0.097	2.16E-136	Mg-ACT	Ethe1
Lamtor1	1.27E-140	0.593964	0.613	0.324	3.12E-136	Mg-ACT	Lamtor1
Txndc12	6.44E-140	0.619173	0.276	0.099	1.58E-135	Mg-ACT	Txndc12
Med13l	6.72E-140	0.426383	0.39	0.163	1.65E-135	Mg-ACT	Med13l
Dync1h1	8.69E-140	0.490617	0.501	0.236	2.13E-135	Mg-ACT	Dync1h1
Irf2bp2	2.30E-139	0.501292	0.588	0.3	5.62E-135	Mg-ACT	Irf2bp2
Mia2	2.94E-139	0.447245	0.502	0.235	7.20E-135	Mg-ACT	Mia2
Stx12	4.87E-139	0.535172	0.325	0.127	1.19E-134	Mg-ACT	Stx12
Dusp12	5.45E-139	0.613851	0.503	0.256	1.33E-134	Mg-ACT	Dusp1
Map1s	1.09E-138	0.680784	0.254	0.087	2.66E-134	Mg-ACT	Map1s
Pycard	1.85E-138	0.601729	0.729	0.454	4.52E-134	Mg-ACT	Pycard
Ggta1	1.92E-138	0.71585	0.258	0.09	4.71E-134	Mg-ACT	Ggta1
N4bp1	2.17E-138	0.376378	0.371	0.152	5.31E-134	Mg-ACT	N4bp1
Rab1a	2.60E-138	0.467629	0.505	0.237	6.38E-134	Mg-ACT	Rab1a
Cldnd1	5.25E-138	0.506625	0.341	0.137	1.29E-133	Mg-ACT	Cldnd1
Mtch1	6.89E-138	0.562973	0.531	0.257	1.69E-133	Mg-ACT	Mtch1
Osgep	9.40E-138	0.488623	0.405	0.175	2.30E-133	Mg-ACT	Osgep
Tnks	3.29E-137	0.516475	0.286	0.105	8.05E-133	Mg-ACT	Tnks
Gfer	7.08E-137	0.486761	0.334	0.132	1.73E-132	Mg-ACT	Gfer
Tubb5	1.17E-136	0.800631	0.773	0.552	2.85E-132	Mg-ACT	Tubb5
Slc3a2	1.36E-136	0.55776	0.646	0.358	3.34E-132	Mg-ACT	Slc3a2
Ms4a4c	1.37E-136	0.863018	0.269	0.098	3.36E-132	Mg-ACT	Ms4a4c
Rap1gds1	1.77E-136	0.529884	0.654	0.356	4.33E-132	Mg-ACT	Rap1gds1
Ncor2	1.77E-136	0.596675	0.395	0.172	4.33E-132	Mg-ACT	Ncor2
Oma1	3.75E-136	0.649364	0.262	0.093	9.17E-132	Mg-ACT	Oma1
St3gal3	4.04E-136	0.573333	0.251	0.087	9.89E-132	Mg-ACT	St3gal3
Retreg11	6.43E-136	0.47529	0.502	0.241	1.58E-131	Mg-ACT	Retreg1
Maf2	6.67E-136	0.335563	0.473	0.219	1.63E-131	Mg-ACT	Maf
Cstb	1.13E-135	0.895014	0.595	0.334	2.76E-131	Mg-ACT	Cstb
Tspan14	2.99E-135	0.456581	0.493	0.232	7.33E-131	Mg-ACT	Tspan14
Hltf	2.12E-134	0.527227	0.334	0.134	5.19E-130	Mg-ACT	Hltf
Ifih1	4.67E-134	0.565099	0.266	0.095	1.14E-129	Mg-ACT	Ifih1
Vps26a	5.67E-134	0.521562	0.302	0.115	1.39E-129	Mg-ACT	Vps26a

Elovl1	3.21E-133	0.442899	0.414	0.183	7.86E-129	Mg-ACT	Elovl1
Lims1	3.24E-133	0.51389	0.62	0.328	7.94E-129	Mg-ACT	Lims1
Aars	3.95E-133	0.593539	0.344	0.141	9.66E-129	Mg-ACT	Aars
Stx16	4.51E-133	0.347057	0.41	0.177	1.10E-128	Mg-ACT	Stx16
Kansl1l	5.00E-133	0.664231	0.255	0.09	1.22E-128	Mg-ACT	Kansl1l
Fen1	6.70E-133	0.763623	0.291	0.112	1.64E-128	Mg-ACT	Fen1
Ddx3x	7.09E-133	0.503413	0.407	0.178	1.74E-128	Mg-ACT	Ddx3x
Morf4l2	7.14E-133	0.453894	0.393	0.169	1.75E-128	Mg-ACT	Morf4l2
Rhog1	1.49E-132	0.580521	0.753	0.496	3.65E-128	Mg-ACT	Rhog
Eif4ebp1	2.34E-132	0.528335	0.372	0.159	5.74E-128	Mg-ACT	Eif4ebp1
Srd5a3	2.96E-132	0.472083	0.298	0.114	7.24E-128	Mg-ACT	Srd5a3
Ext1	8.45E-132	0.484975	0.304	0.119	2.07E-127	Mg-ACT	Ext1
Ptpre	9.88E-132	0.377942	0.443	0.199	2.42E-127	Mg-ACT	Ptpre
Rpn2	1.56E-131	0.626817	0.685	0.404	3.82E-127	Mg-ACT	Rpn2
Twf1	1.79E-131	0.618135	0.256	0.091	4.39E-127	Mg-ACT	Twf1
Acsl4	1.83E-131	0.5651	0.313	0.124	4.49E-127	Mg-ACT	Acsl4
Bnip2	2.11E-131	0.455126	0.479	0.224	5.16E-127	Mg-ACT	Bnip2
Trim30d	2.75E-131	0.501316	0.295	0.112	6.72E-127	Mg-ACT	Trim30d
Ankfy1	3.17E-131	0.464117	0.344	0.141	7.77E-127	Mg-ACT	Ankfy1
Glb1	4.15E-131	0.518846	0.316	0.125	1.02E-126	Mg-ACT	Glb1
Hmgcl	6.83E-131	0.485825	0.323	0.129	1.67E-126	Mg-ACT	Hmgcl
Cd84	1.04E-130	0.514067	0.585	0.31	2.55E-126	Mg-ACT	Cd84
Myo1f	1.08E-130	0.476153	0.724	0.423	2.64E-126	Mg-ACT	Myo1f
Rrm1	4.65E-130	0.743819	0.306	0.122	1.14E-125	Mg-ACT	Rrm1
Rmdn1	6.18E-130	0.518303	0.255	0.09	1.51E-125	Mg-ACT	Rmdn1
Akt1	6.34E-130	0.457627	0.441	0.2	1.55E-125	Mg-ACT	Akt1
Kpna3	1.13E-129	0.545456	0.32	0.129	2.76E-125	Mg-ACT	Kpna3
Myo9b	2.14E-129	0.357785	0.447	0.204	5.24E-125	Mg-ACT	Myo9b
Ccr5	2.19E-129	0.521509	0.512	0.256	5.36E-125	Mg-ACT	Ccr5
Snd1	2.61E-129	0.425838	0.5	0.243	6.39E-125	Mg-ACT	Snd1
Lgals3	3.15E-129	1.513437	0.41	0.211	7.72E-125	Mg-ACT	Lgals3
M6pr	3.30E-129	0.556889	0.633	0.352	8.09E-125	Mg-ACT	M6pr
Snx6	8.42E-129	0.422944	0.542	0.27	2.06E-124	Mg-ACT	Snx6
Secisbp2l	1.69E-128	0.435302	0.332	0.134	4.14E-124	Mg-ACT	Secisbp2l
Dennd6a	3.14E-128	0.538903	0.25	0.089	7.70E-124	Mg-ACT	Dennd6a
Fkbp5	3.17E-128	0.636861	0.383	0.171	7.76E-124	Mg-ACT	Fkbp5
Git2	3.86E-128	0.455814	0.608	0.316	9.44E-124	Mg-ACT	Git2
Sp140	5.36E-128	0.560995	0.33	0.135	1.31E-123	Mg-ACT	Sp140
Incenp	8.12E-128	0.822136	0.291	0.116	1.99E-123	Mg-ACT	Incenp
Atf6b	2.23E-127	0.482493	0.367	0.156	5.47E-123	Mg-ACT	Atf6b
Fbxw11	3.87E-127	0.458025	0.349	0.147	9.48E-123	Mg-ACT	Fbxw11
Dctpp1	4.35E-127	0.58326	0.397	0.179	1.07E-122	Mg-ACT	Dctpp1
Fry	4.84E-127	0.806502	0.253	0.092	1.19E-122	Mg-ACT	Fry
Gbp21	5.43E-127	1.27258	0.399	0.196	1.33E-122	Mg-ACT	Gbp2

Cic	6.83E-127	0.598582	0.28	0.106	1.67E-122	Mg-ACT	Cic
Map4	1.13E-126	0.521222	0.605	0.321	2.76E-122	Mg-ACT	Map4
Ptrhd1	1.49E-126	0.548476	0.281	0.107	3.64E-122	Mg-ACT	Ptrhd1
Tet2	2.38E-126	0.452679	0.296	0.115	5.83E-122	Mg-ACT	Tet2
Ddost	2.44E-126	0.640287	0.673	0.404	5.99E-122	Mg-ACT	Ddost
Skil1	3.14E-126	0.45272	0.433	0.201	7.69E-122	Mg-ACT	Skil
E330020D1	4.76E-126	0.584023	0.294	0.116	1.16E-121	Mg-ACT	E330020D12Rik
Clip1	6.10E-126	0.491308	0.362	0.155	1.49E-121	Mg-ACT	Clip1
Rassf2	6.37E-126	0.432496	0.369	0.158	1.56E-121	Mg-ACT	Rassf2
Mbnl2	1.16E-125	0.436196	0.541	0.27	2.85E-121	Mg-ACT	Mbnl2
Glmf	1.42E-125	0.563215	0.601	0.329	3.47E-121	Mg-ACT	Glmf
Atp6v1g1	1.78E-125	0.588864	0.724	0.456	4.36E-121	Mg-ACT	Atp6v1g1
Spns1	1.90E-125	0.469075	0.259	0.094	4.65E-121	Mg-ACT	Spns1
Commd8	2.73E-125	0.460857	0.47	0.223	6.69E-121	Mg-ACT	Commd8
Rragc	4.04E-125	0.449506	0.322	0.13	9.89E-121	Mg-ACT	Rragc
Rab11a	5.81E-125	0.474173	0.567	0.291	1.42E-120	Mg-ACT	Rab11a
Tmem164	7.28E-125	0.441119	0.402	0.181	1.78E-120	Mg-ACT	Tmem164
Hist1h1c	1.40E-124	0.750888	0.341	0.147	3.43E-120	Mg-ACT	Hist1h1c
Bbs9	2.04E-124	0.580165	0.281	0.109	5.00E-120	Mg-ACT	Bbs9
Iscu	2.38E-124	0.49552	0.617	0.328	5.82E-120	Mg-ACT	Iscu
Snx201	2.68E-124	0.298406	0.492	0.234	6.57E-120	Mg-ACT	Snx20
Zmiz1	3.08E-124	0.373224	0.599	0.31	7.53E-120	Mg-ACT	Zmiz1
Ccz1	3.68E-124	0.385942	0.353	0.149	9.01E-120	Mg-ACT	Ccz1
Ptpmt1	4.42E-124	0.4959	0.346	0.145	1.08E-119	Mg-ACT	Ptpmt1
Anxa5	4.80E-124	0.71609	0.557	0.308	1.18E-119	Mg-ACT	Anxa5
Rtn3	4.82E-124	0.467328	0.633	0.338	1.18E-119	Mg-ACT	Rtn3
Setd3	5.43E-124	0.481794	0.463	0.221	1.33E-119	Mg-ACT	Setd3
Ctnna1	2.31E-123	0.543883	0.288	0.113	5.65E-119	Mg-ACT	Ctnna1
Selenos	3.50E-123	0.403039	0.51	0.249	8.57E-119	Mg-ACT	Selenos
Pan3	4.80E-123	0.343167	0.51	0.25	1.17E-118	Mg-ACT	Pan3
Ckap5	7.52E-123	0.592292	0.35	0.152	1.84E-118	Mg-ACT	Ckap5
Fam117b	7.93E-123	0.38231	0.309	0.125	1.94E-118	Mg-ACT	Fam117b
Ssr3	1.01E-122	0.4354	0.418	0.19	2.48E-118	Mg-ACT	Ssr3
Wdr26	1.69E-122	0.383333	0.497	0.241	4.14E-118	Mg-ACT	Wdr26
Ap1b1	4.64E-122	0.465968	0.338	0.142	1.14E-117	Mg-ACT	Ap1b1
Tor1a	5.14E-122	0.320317	0.384	0.168	1.26E-117	Mg-ACT	Tor1a
Larp1	1.77E-121	0.423578	0.479	0.23	4.34E-117	Mg-ACT	Larp1
Clcc1	5.11E-121	0.441299	0.284	0.111	1.25E-116	Mg-ACT	Clcc1
Ssr1	9.30E-121	0.348446	0.409	0.185	2.28E-116	Mg-ACT	Ssr1
Tmpo	1.43E-120	0.589707	0.505	0.26	3.49E-116	Mg-ACT	Tmpo
Rab16	1.44E-120	0.405142	0.331	0.139	3.53E-116	Mg-ACT	Rab16
Cyth4	1.54E-120	0.486628	0.706	0.415	3.76E-116	Mg-ACT	Cyth4
Fam49b	1.56E-120	0.48671	0.836	0.577	3.82E-116	Mg-ACT	Fam49b
Tmem33	2.27E-120	0.407475	0.373	0.164	5.55E-116	Mg-ACT	Tmem33

Gmip	2.84E-120	0.256211	0.477	0.225	6.95E-116	Mg-ACT	Gmip
Mms19	3.28E-120	0.384158	0.301	0.121	8.04E-116	Mg-ACT	Mms19
Naa35	1.11E-119	0.356936	0.345	0.147	2.71E-115	Mg-ACT	Naa35
Dennd1a	1.30E-119	0.410857	0.497	0.248	3.17E-115	Mg-ACT	Dennd1a
Btbd9	1.30E-119	0.411989	0.492	0.242	3.20E-115	Mg-ACT	Btbd9
Pold41	1.42E-119	0.419311	0.522	0.264	3.47E-115	Mg-ACT	Pold4
Cflar	3.38E-119	0.363977	0.52	0.258	8.27E-115	Mg-ACT	Cflar
Vps13c	3.55E-119	0.48526	0.303	0.123	8.68E-115	Mg-ACT	Vps13c
Dlst	3.56E-119	0.393705	0.359	0.155	8.73E-115	Mg-ACT	Dlst
Lpgat1	4.15E-119	0.481149	0.304	0.124	1.02E-114	Mg-ACT	Lpgat1
Pomp	4.25E-119	0.582943	0.755	0.503	1.04E-114	Mg-ACT	Pomp
Wdr45b	5.04E-119	0.48782	0.285	0.112	1.23E-114	Mg-ACT	Wdr45b
Rptor	1.99E-118	0.519959	0.416	0.196	4.88E-114	Mg-ACT	Rptor
Ormdl2	2.05E-118	0.33964	0.372	0.163	5.01E-114	Mg-ACT	Ormdl2
Odf2	2.28E-118	0.490616	0.317	0.132	5.58E-114	Mg-ACT	Odf2
Rnh1	2.52E-118	0.506937	0.568	0.302	6.17E-114	Mg-ACT	Rnh1
Spop	5.99E-118	0.410936	0.567	0.296	1.47E-113	Mg-ACT	Spop
Pafah1b3	8.35E-118	0.611627	0.257	0.098	2.04E-113	Mg-ACT	Pafah1b3
Ncoa31	9.06E-118	0.358566	0.456	0.217	2.22E-113	Mg-ACT	Ncoa3
Crk	1.25E-117	0.379579	0.284	0.112	3.07E-113	Mg-ACT	Crk
Msrb1	3.64E-117	1.152749	0.36	0.17	8.91E-113	Mg-ACT	Msrb1
Psen1	5.58E-117	0.295985	0.384	0.17	1.37E-112	Mg-ACT	Psen1
Tnp01	7.71E-117	0.356648	0.442	0.208	1.89E-112	Mg-ACT	Tnp01
Mettl9	8.71E-117	0.430693	0.405	0.185	2.13E-112	Mg-ACT	Mettl9
Orai3	1.63E-116	0.33679	0.289	0.114	4.00E-112	Mg-ACT	Orai3
Nsd2	1.80E-116	0.673981	0.359	0.162	4.40E-112	Mg-ACT	Nsd2
Nup98	2.20E-116	0.382198	0.319	0.134	5.40E-112	Mg-ACT	Nup98
Npepps	2.63E-116	0.335	0.342	0.146	6.45E-112	Mg-ACT	Npepps
Mpp1	2.77E-116	0.644349	0.274	0.108	6.78E-112	Mg-ACT	Mpp1
Copg2	4.69E-116	0.368634	0.35	0.152	1.15E-111	Mg-ACT	Copg2
Rab12	4.70E-116	0.344125	0.265	0.101	1.15E-111	Mg-ACT	Rab12
Gpr107	4.96E-116	0.414327	0.266	0.102	1.21E-111	Mg-ACT	Gpr107
Mrpl17	5.78E-116	0.444218	0.469	0.227	1.42E-111	Mg-ACT	Mrpl17
Sel1l	7.04E-116	0.337289	0.334	0.141	1.72E-111	Mg-ACT	Sel1l
Apip	7.42E-116	0.515312	0.254	0.096	1.82E-111	Mg-ACT	Apip
Mbtd1	1.63E-115	0.273395	0.322	0.134	3.99E-111	Mg-ACT	Mbtd1
Tyms	1.87E-115	0.769614	0.272	0.11	4.57E-111	Mg-ACT	Tyms
Rnf149	2.47E-115	0.3522	0.324	0.136	6.04E-111	Mg-ACT	Rnf149
Ep300	2.80E-115	0.307803	0.432	0.201	6.86E-111	Mg-ACT	Ep300
Setd2	2.93E-115	0.287585	0.44	0.207	7.18E-111	Mg-ACT	Setd2
Pigt	3.03E-115	0.373474	0.416	0.193	7.42E-111	Mg-ACT	Pigt
Tmem245	3.64E-115	0.459943	0.269	0.105	8.92E-111	Mg-ACT	Tmem245
Tbk1	8.32E-115	0.288033	0.364	0.161	2.04E-110	Mg-ACT	Tbk1
Pmf1	8.40E-115	0.752591	0.251	0.096	2.06E-110	Mg-ACT	Pmf1

Tkt	8.54E-115	0.606772	0.675	0.402	2.09E-110	Mg-ACT	Tkt
Tuba1c	1.08E-114	0.560949	0.354	0.16	2.63E-110	Mg-ACT	Tuba1c
Slirp	1.18E-114	0.428608	0.355	0.157	2.88E-110	Mg-ACT	Slirp
Knop1	1.19E-114	0.463269	0.258	0.099	2.91E-110	Mg-ACT	Knop1
Cenpa	1.84E-114	0.874012	0.296	0.129	4.51E-110	Mg-ACT	Cenpa
Pon2	2.96E-114	0.39885	0.44	0.211	7.24E-110	Mg-ACT	Pon2
Phkb	4.06E-114	0.64024	0.288	0.118	9.93E-110	Mg-ACT	Phkb
Far1	4.21E-114	0.438519	0.357	0.16	1.03E-109	Mg-ACT	Far1
Ap3b1	6.03E-114	0.361569	0.523	0.265	1.48E-109	Mg-ACT	Ap3b1
Slc38a10	9.08E-114	0.345747	0.387	0.176	2.22E-109	Mg-ACT	Slc38a10
Zfp106	5.87E-113	0.40578	0.383	0.175	1.44E-108	Mg-ACT	Zfp106
Mon2	6.95E-113	0.418427	0.31	0.129	1.70E-108	Mg-ACT	Mon2
Tmem273	1.05E-112	0.452155	0.252	0.095	2.57E-108	Mg-ACT	Tmem273
Pias1	1.35E-112	0.355738	0.523	0.264	3.31E-108	Mg-ACT	Pias1
Alg1	1.70E-112	0.382768	0.254	0.097	4.16E-108	Mg-ACT	Alg1
Hook3	1.99E-112	0.396111	0.338	0.146	4.86E-108	Mg-ACT	Hook3
Tet3	3.69E-112	0.412316	0.374	0.17	9.04E-108	Mg-ACT	Tet3
Golgb1	5.73E-112	0.313281	0.427	0.2	1.40E-107	Mg-ACT	Golgb1
Gipc1	8.42E-112	0.51357	0.271	0.108	2.06E-107	Mg-ACT	Gipc1
Phf20	8.75E-112	0.334198	0.341	0.148	2.14E-107	Mg-ACT	Phf20
Fam193a	1.21E-111	0.346386	0.381	0.174	2.96E-107	Mg-ACT	Fam193a
Cse1l	1.81E-111	0.510574	0.291	0.12	4.42E-107	Mg-ACT	Cse1l
Acadm	2.01E-111	0.389212	0.279	0.111	4.92E-107	Mg-ACT	Acadm
Pdcd2l	2.34E-111	0.348861	0.255	0.098	5.73E-107	Mg-ACT	Pdcd2l
Rfwd3	2.42E-111	0.561045	0.265	0.106	5.92E-107	Mg-ACT	Rfwd3
Atp6v0a2	3.87E-111	0.459008	0.413	0.197	9.48E-107	Mg-ACT	Atp6v0a2
Reep4	3.93E-111	0.624472	0.276	0.112	9.62E-107	Mg-ACT	Reep4
Apc	6.52E-111	0.342702	0.434	0.207	1.60E-106	Mg-ACT	Apc
Ap3d1	7.38E-111	0.351024	0.321	0.136	1.81E-106	Mg-ACT	Ap3d1
Gbp5	1.10E-110	0.912765	0.269	0.111	2.69E-106	Mg-ACT	Gbp5
Cul1	1.72E-110	0.329662	0.438	0.209	4.20E-106	Mg-ACT	Cul1
Cmip	1.97E-110	0.298656	0.52	0.266	4.82E-106	Mg-ACT	Cmip
Psme4	2.34E-110	0.383862	0.316	0.134	5.74E-106	Mg-ACT	Psme4
Mxi1	5.61E-110	0.60585	0.252	0.098	1.37E-105	Mg-ACT	Mxi1
Abl2	5.61E-110	0.448182	0.262	0.103	1.37E-105	Mg-ACT	Abl2
Cop1	8.69E-110	0.365164	0.335	0.146	2.13E-105	Mg-ACT	Cop1
Pnpla8	1.10E-109	0.438549	0.25	0.095	2.70E-105	Mg-ACT	Pnpla8
Ywhah	1.89E-109	0.541756	0.755	0.499	4.63E-105	Mg-ACT	Ywhah
Commd10	1.91E-109	0.391401	0.31	0.132	4.67E-105	Mg-ACT	Commd10
Dock8	3.73E-109	0.509629	0.742	0.46	9.13E-105	Mg-ACT	Dock8
Ythdf2	5.24E-109	0.372887	0.42	0.199	1.28E-104	Mg-ACT	Ythdf2
Hjurp	6.60E-109	0.701815	0.271	0.111	1.62E-104	Mg-ACT	Hjurp
Derl1	7.83E-109	0.336697	0.488	0.242	1.92E-104	Mg-ACT	Derl1
Taok1	8.86E-109	0.280428	0.395	0.182	2.17E-104	Mg-ACT	Taok1

Vdac2	1.36E-108	0.537444	0.719	0.462	3.34E-104	Mg-ACT	Vdac2
Cks2	1.76E-108	0.582064	0.353	0.166	4.32E-104	Mg-ACT	Cks2
Dtnbp1	2.57E-108	0.389646	0.456	0.225	6.29E-104	Mg-ACT	Dtnbp1
B4galt1	2.88E-108	0.336356	0.511	0.261	7.05E-104	Mg-ACT	B4galt1
Gpr108	7.12E-108	0.309718	0.346	0.152	1.74E-103	Mg-ACT	Gpr108
Ptpn1	1.12E-107	0.423483	0.617	0.343	2.74E-103	Mg-ACT	Ptpn1
Rala	1.25E-107	0.395921	0.469	0.234	3.07E-103	Mg-ACT	Rala
Parp2	1.55E-107	0.411469	0.283	0.117	3.79E-103	Mg-ACT	Parp2
Slc38a9	1.62E-107	0.332198	0.255	0.099	3.97E-103	Mg-ACT	Slc38a9
Tm9sf1	1.70E-107	0.443313	0.345	0.155	4.17E-103	Mg-ACT	Tm9sf1
Slc35b1	1.71E-107	0.368191	0.368	0.169	4.19E-103	Mg-ACT	Slc35b1
Bri3bp	5.11E-107	0.575734	0.328	0.147	1.25E-102	Mg-ACT	Bri3bp
Pigk	6.49E-107	0.330449	0.36	0.163	1.59E-102	Mg-ACT	Pigk
Trak1	9.12E-107	0.430513	0.288	0.12	2.23E-102	Mg-ACT	Trak1
Mtpn	1.68E-106	0.401107	0.439	0.215	4.12E-102	Mg-ACT	Mtpn
Suclg2	2.03E-106	0.310774	0.32	0.139	4.97E-102	Mg-ACT	Suclg2
Coro7	3.08E-106	0.328022	0.358	0.162	7.54E-102	Mg-ACT	Coro7
Gspt1	3.70E-106	0.363576	0.516	0.264	9.07E-102	Mg-ACT	Gspt1
Tango2	3.94E-106	0.407699	0.278	0.114	9.64E-102	Mg-ACT	Tango2
Supt3	6.72E-106	0.460509	0.282	0.118	1.65E-101	Mg-ACT	Supt3
Timm50	7.00E-106	0.443402	0.348	0.157	1.71E-101	Mg-ACT	Timm50
Lrp6	9.36E-106	0.463479	0.26	0.104	2.29E-101	Mg-ACT	Lrp6
Lrrc59	1.41E-105	0.514164	0.315	0.138	3.44E-101	Mg-ACT	Lrrc59
Pdia3	2.71E-105	0.556568	0.836	0.647	6.64E-101	Mg-ACT	Pdia3
Herpud1	6.62E-105	0.434677	0.489	0.252	1.62E-100	Mg-ACT	Herpud1
Rnf213	7.89E-105	0.418451	0.571	0.319	1.93E-100	Mg-ACT	Rnf213
Rbm26	8.46E-105	0.288062	0.423	0.203	2.07E-100	Mg-ACT	Rbm26
Oat	8.53E-105	0.469175	0.297	0.127	2.09E-100	Mg-ACT	Oat
Acbd3	9.04E-105	0.305751	0.346	0.155	2.21E-100	Mg-ACT	Acbd3
Spag9	2.44E-104	0.333565	0.438	0.215	5.96E-100	Mg-ACT	Spag9
Usp14	2.77E-104	0.39131	0.344	0.155	6.78E-100	Mg-ACT	Usp14
Coro1c	4.50E-104	0.375095	0.372	0.173	1.10E-99	Mg-ACT	Coro1c
Mesd	5.02E-104	0.359008	0.312	0.134	1.23E-99	Mg-ACT	Mesd
Hmga1	5.19E-104	0.457702	0.33	0.147	1.27E-99	Mg-ACT	Hmga1
Tmem256	6.07E-104	0.474992	0.54	0.294	1.49E-99	Mg-ACT	Tmem256
Htt	8.54E-104	0.38229	0.285	0.12	2.09E-99	Mg-ACT	Htt
Cdk2ap1	9.16E-104	0.393443	0.309	0.134	2.24E-99	Mg-ACT	Cdk2ap1
Piezo1	9.86E-104	0.296358	0.273	0.112	2.41E-99	Mg-ACT	Piezo1
Gapvd1	1.10E-103	0.280918	0.39	0.183	2.69E-99	Mg-ACT	Gapvd1
Hat1	1.22E-103	0.577401	0.337	0.155	2.99E-99	Mg-ACT	Hat1
Psm1	1.57E-103	0.367601	0.419	0.202	3.85E-99	Mg-ACT	Psm1
Btaf1	1.65E-103	0.256159	0.289	0.121	4.03E-99	Mg-ACT	Btaf1
Fgfr2	3.38E-103	0.434229	0.323	0.143	8.28E-99	Mg-ACT	Fgfr2
R3hdm2	3.43E-103	0.353175	0.353	0.161	8.40E-99	Mg-ACT	R3hdm2

Map1lc3a	3.56E-103	0.60331	0.267	0.11	8.71E-99	Mg-ACT	Map1lc3a
Ywhae	4.02E-103	0.472975	0.733	0.46	9.86E-99	Mg-ACT	Ywhae
Pttg1ip	5.18E-103	0.278272	0.348	0.156	1.27E-98	Mg-ACT	Pttg1ip
Neu1	5.70E-103	0.321413	0.26	0.104	1.40E-98	Mg-ACT	Neu1
Dhrs1	6.35E-103	0.460496	0.257	0.103	1.55E-98	Mg-ACT	Dhrs1
AI506816	6.46E-103	0.612206	0.342	0.159	1.58E-98	Mg-ACT	AI506816
Bckdk	6.90E-103	0.390856	0.323	0.143	1.69E-98	Mg-ACT	Bckdk
Pvt1	8.90E-103	0.467456	0.356	0.168	2.18E-98	Mg-ACT	Pvt1
Fto	1.26E-102	0.319217	0.383	0.181	3.09E-98	Mg-ACT	Fto
Rnf41	2.80E-102	0.348331	0.255	0.102	6.85E-98	Mg-ACT	Rnf41
Bad	3.16E-102	0.39288	0.277	0.115	7.75E-98	Mg-ACT	Bad
Prdx1	3.50E-102	0.685807	0.786	0.568	8.57E-98	Mg-ACT	Prdx1
Hnrnpul1	5.16E-102	0.337925	0.483	0.243	1.26E-97	Mg-ACT	Hnrnpul1
Bcl2a1b1	5.62E-102	0.403306	0.59	0.339	1.38E-97	Mg-ACT	Bcl2a1b
Foxn3	7.70E-102	0.409227	0.763	0.491	1.89E-97	Mg-ACT	Foxn3
Oxr1	1.05E-101	0.522566	0.375	0.179	2.58E-97	Mg-ACT	Oxr1
Dmxl1	1.15E-101	0.341992	0.322	0.143	2.83E-97	Mg-ACT	Dmxl1
Mpdu1	1.29E-101	0.342295	0.364	0.168	3.15E-97	Mg-ACT	Mpdu1
Atf7	1.49E-101	0.284424	0.335	0.15	3.64E-97	Mg-ACT	Atf7
Pih1d1	1.51E-101	0.364804	0.326	0.145	3.71E-97	Mg-ACT	Pih1d1
Ago3	1.58E-101	0.310274	0.281	0.118	3.88E-97	Mg-ACT	Ago3
Bcl2l1	1.74E-101	0.41019	0.301	0.131	4.27E-97	Mg-ACT	Bcl2l1
Cnot8	2.48E-101	0.32747	0.391	0.184	6.07E-97	Mg-ACT	Cnot8
Srek1	4.03E-101	0.283005	0.393	0.187	9.87E-97	Mg-ACT	Srek1
Cmtm7	7.85E-101	0.432076	0.747	0.471	1.92E-96	Mg-ACT	Cmtm7
Micu1	1.03E-100	0.368552	0.273	0.114	2.51E-96	Mg-ACT	Micu1
Slc25a39	1.25E-100	0.375699	0.53	0.278	3.07E-96	Mg-ACT	Slc25a39
Rfc2	2.77E-100	0.483114	0.434	0.218	6.78E-96	Mg-ACT	Rfc2
Rabep1	2.85E-100	0.301407	0.384	0.182	6.98E-96	Mg-ACT	Rabep1
H2afx	3.67E-100	0.909667	0.383	0.202	8.99E-96	Mg-ACT	H2afx
Ubl31	4.64E-100	0.286244	0.551	0.294	1.14E-95	Mg-ACT	Ubl3
Ccdc88b	9.56E-100	0.328071	0.297	0.127	2.34E-95	Mg-ACT	Ccdc88b
5-Mar	1.03E-99	0.362386	0.414	0.203	2.52E-95	Mg-ACT	5-Mar
Elmo1	1.22E-99	0.621823	0.796	0.552	2.99E-95	Mg-ACT	Elmo1
Sh3bp1	1.76E-99	0.320725	0.494	0.256	4.30E-95	Mg-ACT	Sh3bp1
Ubc	2.51E-99	0.520684	0.832	0.641	6.15E-95	Mg-ACT	Ubc
Naa40	5.73E-99	0.517842	0.253	0.104	1.40E-94	Mg-ACT	Naa40
Safb2	6.67E-99	0.257128	0.389	0.184	1.63E-94	Mg-ACT	Safb2
Commd1	8.37E-99	0.381459	0.445	0.223	2.05E-94	Mg-ACT	Commd1
ligp11	9.49E-99	0.824055	0.291	0.131	2.32E-94	Mg-ACT	ligp1
Sil1	1.14E-98	0.406233	0.265	0.111	2.79E-94	Mg-ACT	Sil1
Tpi1	1.21E-98	0.531418	0.564	0.318	2.96E-94	Mg-ACT	Tpi1
Pggt1b	1.38E-98	0.347733	0.264	0.109	3.37E-94	Mg-ACT	Pggt1b
Prkd3	1.64E-98	0.251533	0.304	0.131	4.03E-94	Mg-ACT	Prkd3

Slc39a7	2.41E-98	0.287685	0.349	0.161	5.91E-94	Mg-ACT	Slc39a7
1110038B1	3.31E-98	0.386806	0.341	0.156	8.11E-94	Mg-ACT	1110038B12Rik
Ncoa4	3.59E-98	0.54831	0.282	0.121	8.80E-94	Mg-ACT	Ncoa4
Minpp1	4.21E-98	0.350039	0.272	0.115	1.03E-93	Mg-ACT	Minpp1
Derl2	5.49E-98	0.271528	0.39	0.185	1.34E-93	Mg-ACT	Derl2
H2afz	8.53E-98	0.606426	0.873	0.714	2.09E-93	Mg-ACT	H2afz
lpo7	1.19E-97	0.411153	0.339	0.157	2.91E-93	Mg-ACT	lpo7
Larp4	1.50E-97	0.427359	0.268	0.113	3.67E-93	Mg-ACT	Larp4
Ktn1	2.23E-97	0.334623	0.304	0.134	5.46E-93	Mg-ACT	Ktn1
Nars	2.42E-97	0.326537	0.479	0.244	5.92E-93	Mg-ACT	Nars
Ap1s2	2.57E-97	0.342124	0.275	0.116	6.28E-93	Mg-ACT	Ap1s2
Isoc1	4.30E-97	0.378786	0.261	0.108	1.05E-92	Mg-ACT	Isoc1
Mfsd5	6.16E-97	0.281895	0.385	0.182	1.51E-92	Mg-ACT	Mfsd5
Atp13a1	7.86E-97	0.265182	0.279	0.119	1.92E-92	Mg-ACT	Atp13a1
Gnl2	8.35E-97	0.3654	0.29	0.126	2.04E-92	Mg-ACT	Gnl2
Rtcb	1.31E-96	0.437935	0.489	0.258	3.21E-92	Mg-ACT	Rtcb
Trim25	1.88E-96	0.284365	0.325	0.147	4.59E-92	Mg-ACT	Trim25
Mkln1	1.93E-96	0.272687	0.481	0.246	4.73E-92	Mg-ACT	Mkln1
Eps15	2.32E-96	0.296719	0.375	0.178	5.68E-92	Mg-ACT	Eps15
Brip1os	4.19E-96	0.276207	0.292	0.128	1.03E-91	Mg-ACT	Brip1os
Kdelr2	6.33E-96	0.319684	0.411	0.202	1.55E-91	Mg-ACT	Kdelr2
Hpf1	2.48E-95	0.371745	0.405	0.198	6.08E-91	Mg-ACT	Hpf1
Rnaset2a1	3.57E-95	0.339044	0.442	0.226	8.74E-91	Mg-ACT	Rnaset2a
H1f01	3.78E-95	0.470154	0.372	0.183	9.26E-91	Mg-ACT	H1f0
Il10rb	5.89E-95	0.300302	0.555	0.3	1.44E-90	Mg-ACT	Il10rb
Brd7	5.98E-95	0.278704	0.34	0.157	1.46E-90	Mg-ACT	Brd7
Zmym4	8.70E-95	0.363085	0.259	0.108	2.13E-90	Mg-ACT	Zmym4
St3gal6	9.09E-95	0.473014	0.499	0.274	2.23E-90	Mg-ACT	St3gal6
Ppm1m	1.22E-94	0.311121	0.3	0.133	2.98E-90	Mg-ACT	Ppm1m
Rab5c	1.23E-94	0.377475	0.585	0.326	3.00E-90	Mg-ACT	Rab5c
Atp2a2	1.64E-94	0.312101	0.401	0.197	4.03E-90	Mg-ACT	Atp2a2
Smarcad1	1.93E-94	0.343446	0.283	0.123	4.72E-90	Mg-ACT	Smarcad1
Nelfe	7.08E-94	0.402576	0.306	0.137	1.73E-89	Mg-ACT	Nelfe
Atp6v1e1	1.34E-93	0.293987	0.461	0.234	3.27E-89	Mg-ACT	Atp6v1e1
Pcca	2.08E-93	0.317219	0.262	0.111	5.09E-89	Mg-ACT	Pcca
Cebpz	3.46E-93	0.259655	0.409	0.201	8.48E-89	Mg-ACT	Cebpz
Vps51	3.59E-93	0.313173	0.314	0.142	8.78E-89	Mg-ACT	Vps51
Dnm2	1.25E-92	0.334935	0.626	0.358	3.06E-88	Mg-ACT	Dnm2
Pex2	1.38E-92	0.253633	0.289	0.126	3.39E-88	Mg-ACT	Pex2
Gbp3	1.41E-92	0.378141	0.286	0.127	3.46E-88	Mg-ACT	Gbp3
Ptpa	1.80E-92	0.333081	0.434	0.221	4.40E-88	Mg-ACT	Ptpa
Pes1	1.86E-92	0.26896	0.328	0.151	4.55E-88	Mg-ACT	Pes1
Anapc2	2.28E-92	0.290218	0.297	0.132	5.58E-88	Mg-ACT	Anapc2
Anapc5	2.60E-92	0.447914	0.496	0.266	6.37E-88	Mg-ACT	Anapc5

Idh3g	3.36E-92	0.342565	0.399	0.196	8.22E-88	Mg-ACT	Idh3g
Enox2	7.28E-92	0.296569	0.254	0.107	1.78E-87	Mg-ACT	Enox2
Zc3h7a	7.38E-92	0.461485	0.718	0.455	1.81E-87	Mg-ACT	Zc3h7a
Ankrd13a	7.60E-92	0.261661	0.378	0.183	1.86E-87	Mg-ACT	Ankrd13a
Snx1	1.30E-91	0.289601	0.447	0.228	3.17E-87	Mg-ACT	Snx1
Mlxip	1.71E-91	0.26313	0.305	0.138	4.18E-87	Mg-ACT	Mlxip
Snx17	2.58E-91	0.28844	0.493	0.258	6.31E-87	Mg-ACT	Snx17
Xpnpep1	4.97E-91	0.362032	0.255	0.108	1.22E-86	Mg-ACT	Xpnpep1
Atp1a1	7.63E-91	0.349116	0.528	0.283	1.87E-86	Mg-ACT	Atp1a1
Tmed5	9.25E-91	0.277573	0.558	0.303	2.27E-86	Mg-ACT	Tmed5
Rfc1	1.42E-90	0.304998	0.327	0.153	3.49E-86	Mg-ACT	Rfc1
Tbl1x	2.05E-90	0.287607	0.391	0.194	5.01E-86	Mg-ACT	Tbl1x
Cops4	2.63E-90	0.258865	0.41	0.204	6.44E-86	Mg-ACT	Cops4
Mtx1	2.70E-90	0.363256	0.309	0.141	6.62E-86	Mg-ACT	Mtx1
Rras	5.05E-90	0.306482	0.257	0.108	1.24E-85	Mg-ACT	Rras
Ranbp2	2.01E-89	0.310759	0.428	0.219	4.93E-85	Mg-ACT	Ranbp2
Azin1	3.20E-89	0.290213	0.306	0.14	7.85E-85	Mg-ACT	Azin1
Ppp1r10	4.89E-89	0.254877	0.322	0.15	1.20E-84	Mg-ACT	Ppp1r10
Mfsd14b	4.95E-89	0.34013	0.273	0.12	1.21E-84	Mg-ACT	Mfsd14b
Prkcsh	1.53E-88	0.343243	0.388	0.192	3.75E-84	Mg-ACT	Prkcsh
Trappc1	1.63E-88	0.300724	0.402	0.202	4.00E-84	Mg-ACT	Trappc1
2610507B1	1.84E-88	0.266518	0.309	0.142	4.51E-84	Mg-ACT	2610507B11Rik
Gcn1	2.28E-88	0.253552	0.256	0.11	5.59E-84	Mg-ACT	Gcn1
Naa50	3.13E-88	0.27376	0.36	0.174	7.66E-84	Mg-ACT	Naa50
Brk1	4.40E-88	0.430772	0.68	0.42	1.08E-83	Mg-ACT	Brk1
Gltp	5.94E-88	0.396012	0.612	0.355	1.45E-83	Mg-ACT	Gltp
Kdm3b	7.18E-88	0.260001	0.398	0.199	1.76E-83	Mg-ACT	Kdm3b
Ezh2	9.92E-88	0.414312	0.344	0.168	2.43E-83	Mg-ACT	Ezh2
Kdelr1	1.98E-87	0.272901	0.519	0.28	4.84E-83	Mg-ACT	Kdelr1
Fh1	4.77E-87	0.343667	0.319	0.15	1.17E-82	Mg-ACT	Fh1
Pten	5.37E-87	0.28445	0.555	0.305	1.31E-82	Mg-ACT	Pten
Slk	8.41E-87	0.275475	0.353	0.171	2.06E-82	Mg-ACT	Slk
Rbl1	1.12E-86	0.520257	0.266	0.119	2.73E-82	Mg-ACT	Rbl1
Nudt14	1.23E-86	0.254493	0.265	0.115	3.00E-82	Mg-ACT	Nudt14
Pphln1	1.30E-86	0.365548	0.256	0.111	3.18E-82	Mg-ACT	Pphln1
Arrb2	1.45E-86	0.341952	0.637	0.375	3.55E-82	Mg-ACT	Arrb2
Ripk2	1.56E-86	0.328243	0.253	0.109	3.82E-82	Mg-ACT	Ripk2
Mcm5	1.84E-86	0.735079	0.251	0.111	4.50E-82	Mg-ACT	Mcm5
Mcee	2.36E-86	0.35363	0.254	0.11	5.78E-82	Mg-ACT	Mcee
Ctnnb1	2.58E-86	0.270254	0.518	0.281	6.33E-82	Mg-ACT	Ctnnb1
Racgap1	2.61E-86	0.688316	0.257	0.116	6.39E-82	Mg-ACT	Racgap1
Slc48a1	4.81E-86	0.455168	0.285	0.129	1.18E-81	Mg-ACT	Slc48a1
Grb2	6.36E-86	0.325989	0.682	0.416	1.56E-81	Mg-ACT	Grb2
Ppp1r2	6.90E-86	0.254687	0.403	0.203	1.69E-81	Mg-ACT	Ppp1r2

Calhm6	7.90E-86	0.539812	0.285	0.13	1.93E-81	Mg-ACT	Calhm6
Ddhd1	1.62E-85	0.303016	0.262	0.116	3.97E-81	Mg-ACT	Ddhd1
Yif1a	3.16E-85	0.284699	0.26	0.114	7.73E-81	Mg-ACT	Yif1a
Klhdc10	4.69E-85	0.297591	0.269	0.12	1.15E-80	Mg-ACT	Klhdc10
Sumo3	5.54E-85	0.324963	0.357	0.175	1.36E-80	Mg-ACT	Sumo3
Lrrfip2	6.08E-85	0.275633	0.282	0.128	1.49E-80	Mg-ACT	Lrrfip2
Gnai2	7.33E-85	0.343462	0.888	0.769	1.80E-80	Mg-ACT	Gnai2
Tmem147	8.11E-85	0.258454	0.395	0.198	1.99E-80	Mg-ACT	Tmem147
Coa5	9.53E-85	0.261676	0.278	0.125	2.33E-80	Mg-ACT	Coa5
Parvg	1.00E-84	0.300868	0.419	0.215	2.45E-80	Mg-ACT	Parvg
Bak1	1.37E-84	0.257625	0.334	0.16	3.35E-80	Mg-ACT	Bak1
Gabarap1	1.56E-84	0.421943	0.821	0.648	3.82E-80	Mg-ACT	Gabarap
Lrrc58	1.61E-84	0.284535	0.273	0.121	3.94E-80	Mg-ACT	Lrrc58
Wnk1	2.24E-84	0.289559	0.724	0.449	5.49E-80	Mg-ACT	Wnk1
Gfpt1	2.71E-84	0.364192	0.25	0.109	6.65E-80	Mg-ACT	Gfpt1
Naxe	6.06E-84	0.285272	0.467	0.247	1.48E-79	Mg-ACT	Naxe
Tsc22d2	9.10E-84	0.322104	0.265	0.118	2.23E-79	Mg-ACT	Tsc22d2
Tmem14c	9.87E-84	0.355029	0.649	0.399	2.42E-79	Mg-ACT	Tmem14c
Stk19	1.19E-83	0.278656	0.27	0.121	2.90E-79	Mg-ACT	Stk19
Rhot1	1.29E-83	0.273137	0.252	0.11	3.17E-79	Mg-ACT	Rhot1
Eif1ad	8.06E-83	0.2623	0.336	0.163	1.97E-78	Mg-ACT	Eif1ad
Bcat2	8.31E-83	0.316056	0.251	0.11	2.03E-78	Mg-ACT	Bcat2
Phf14	9.55E-83	0.269996	0.528	0.291	2.34E-78	Mg-ACT	Phf14
Slc30a5	1.41E-82	0.261368	0.251	0.109	3.44E-78	Mg-ACT	Slc30a5
Blvra	2.64E-82	0.266091	0.337	0.164	6.46E-78	Mg-ACT	Blvra
Smc1a	2.69E-82	0.363435	0.495	0.274	6.60E-78	Mg-ACT	Smc1a
Mad2l2	3.14E-82	0.339448	0.259	0.115	7.69E-78	Mg-ACT	Mad2l2
4833439L1	9.05E-82	0.293966	0.275	0.125	2.22E-77	Mg-ACT	4833439L19Rik
Ak2	1.15E-81	0.307989	0.521	0.29	2.82E-77	Mg-ACT	Ak2
Cenpb	1.18E-81	0.312968	0.324	0.156	2.89E-77	Mg-ACT	Cenpb
Btg2	3.70E-81	0.593239	0.687	0.474	9.05E-77	Mg-ACT	Btg2
Topbp1	8.16E-81	0.416078	0.271	0.125	2.00E-76	Mg-ACT	Topbp1
Rnf111	1.34E-80	0.256428	0.311	0.149	3.29E-76	Mg-ACT	Rnf111
Pgam1	5.14E-80	0.53653	0.596	0.363	1.26E-75	Mg-ACT	Pgam1
Nutf2	8.05E-80	0.312652	0.472	0.255	1.97E-75	Mg-ACT	Nutf2
Rcsd1	2.81E-79	0.26969	0.482	0.265	6.89E-75	Mg-ACT	Rcsd1
Pdia4	9.27E-79	0.335434	0.511	0.288	2.27E-74	Mg-ACT	Pdia4
Ndufc2	1.03E-78	0.404265	0.695	0.439	2.52E-74	Mg-ACT	Ndufc2
Ddb1	2.48E-78	0.299403	0.384	0.197	6.08E-74	Mg-ACT	Ddb1
Ly6e	2.59E-78	0.353892	0.951	0.916	6.34E-74	Mg-ACT	Ly6e
Tmbim6	3.94E-78	0.342293	0.858	0.708	9.65E-74	Mg-ACT	Tmbim6
Adipor1	1.49E-77	0.311144	0.548	0.313	3.65E-73	Mg-ACT	Adipor1
Coro1b1	1.95E-77	0.323732	0.644	0.397	4.78E-73	Mg-ACT	Coro1b
Pfkl	2.31E-77	0.286153	0.297	0.142	5.66E-73	Mg-ACT	Pfkl

Vdac1	5.88E-77	0.369644	0.492	0.269	1.44E-72	Mg-ACT	Vdac1
Jarid2	6.38E-77	0.363081	0.533	0.308	1.56E-72	Mg-ACT	Jarid2
Gmnn	1.13E-76	0.397903	0.293	0.141	2.76E-72	Mg-ACT	Gmnn
Zfp36l11	1.18E-76	0.332296	0.69	0.461	2.90E-72	Mg-ACT	Zfp36l1
Srprb	1.60E-76	0.26245	0.267	0.123	3.92E-72	Mg-ACT	Srprb
Taldo1	1.84E-76	0.529119	0.707	0.499	4.50E-72	Mg-ACT	Taldo1
Lmnb1	2.89E-76	0.409527	0.452	0.258	7.07E-72	Mg-ACT	Lmnb1
Sdhd	3.27E-76	0.261063	0.48	0.261	8.01E-72	Mg-ACT	Sdhd
Psat1	7.34E-76	0.499386	0.275	0.13	1.80E-71	Mg-ACT	Psat1
Rnaseh2b	8.28E-76	0.324894	0.299	0.144	2.03E-71	Mg-ACT	Rnaseh2b
Fdps	1.31E-75	0.473259	0.279	0.134	3.20E-71	Mg-ACT	Fdps
Fermt3	1.33E-75	0.303101	0.686	0.427	3.25E-71	Mg-ACT	Fermt3
Tent5c	2.72E-75	0.258156	0.291	0.14	6.66E-71	Mg-ACT	Tent5c
Tex14	2.77E-75	0.322568	0.269	0.125	6.79E-71	Mg-ACT	Tex14
Trim8	6.03E-75	0.261265	0.321	0.159	1.48E-70	Mg-ACT	Trim8
Ncapd3	8.25E-75	0.456402	0.253	0.118	2.02E-70	Mg-ACT	Ncapd3
Vamp81	2.00E-74	0.321126	0.756	0.519	4.90E-70	Mg-ACT	Vamp8
Pcna	2.03E-74	0.381622	0.396	0.214	4.96E-70	Mg-ACT	Pcna
Ccni	3.90E-74	0.303272	0.574	0.336	9.55E-70	Mg-ACT	Ccni
Neat1	1.02E-73	0.319582	0.42	0.227	2.50E-69	Mg-ACT	Neat1
Mthfd2	1.45E-73	0.282479	0.335	0.171	3.56E-69	Mg-ACT	Mthfd2
Trim28	2.15E-73	0.256787	0.411	0.218	5.25E-69	Mg-ACT	Trim28
Macf1	5.04E-73	0.312371	0.757	0.511	1.24E-68	Mg-ACT	Macf1
Rab5if	5.39E-73	0.356328	0.604	0.367	1.32E-68	Mg-ACT	Rab5if
Vapa	1.52E-72	0.26031	0.626	0.371	3.71E-68	Mg-ACT	Vapa
Trps1	2.04E-71	0.332183	0.318	0.163	4.98E-67	Mg-ACT	Trps1
Ppp1r14b	2.10E-71	0.273636	0.566	0.331	5.15E-67	Mg-ACT	Ppp1r14b
Rnf7	2.45E-71	0.25023	0.571	0.327	5.99E-67	Mg-ACT	Rnf7
Mrfap1	1.01E-70	0.356513	0.629	0.384	2.48E-66	Mg-ACT	Mrfap1
Hspa5	1.90E-69	0.425498	0.789	0.573	4.65E-65	Mg-ACT	Hspa5
Atad2	4.25E-69	0.419911	0.311	0.161	1.04E-64	Mg-ACT	Atad2
Ssr2	1.28E-68	0.311652	0.559	0.331	3.13E-64	Mg-ACT	Ssr2
Selenof	1.02E-67	0.381631	0.763	0.547	2.50E-63	Mg-ACT	Selenof
Fabp5	2.13E-67	0.978424	0.286	0.15	5.23E-63	Mg-ACT	Fabp5
Slc9a9	2.96E-67	0.331312	0.697	0.458	7.24E-63	Mg-ACT	Slc9a9
Atxn10	2.13E-66	0.256618	0.547	0.32	5.21E-62	Mg-ACT	Atxn10
Srm	3.35E-66	0.254899	0.292	0.146	8.21E-62	Mg-ACT	Srm
Dek	4.03E-66	0.28779	0.591	0.365	9.88E-62	Mg-ACT	Dek
Filip1l	1.34E-65	0.423395	0.704	0.471	3.29E-61	Mg-ACT	Filip1l
Mcm7	2.65E-64	0.46199	0.273	0.138	6.48E-60	Mg-ACT	Mcm7
Stxbp5	4.16E-64	0.279056	0.281	0.142	1.02E-59	Mg-ACT	Stxbp5
Snrpa	1.09E-63	0.25797	0.431	0.239	2.68E-59	Mg-ACT	Snrpa
Manf	6.45E-62	0.33751	0.628	0.396	1.58E-57	Mg-ACT	Manf
Gsr	8.75E-62	0.874485	0.269	0.142	2.14E-57	Mg-ACT	Gsr

Lgals91	9.98E-62	0.337644	0.7	0.484	2.44E-57	Mg-ACT	Lgals9
Exoc4	5.63E-61	0.26233	0.6	0.371	1.38E-56	Mg-ACT	Exoc4
Arpc4	9.79E-60	0.302862	0.758	0.543	2.40E-55	Mg-ACT	Arpc4
Cbx5	1.58E-59	0.305166	0.283	0.147	3.87E-55	Mg-ACT	Cbx5
Nudc	8.95E-58	0.260094	0.551	0.332	2.19E-53	Mg-ACT	Nudc
Rps27l	5.12E-57	0.36594	0.639	0.423	1.25E-52	Mg-ACT	Rps27l
Rac1	8.12E-57	0.28804	0.81	0.614	1.99E-52	Mg-ACT	Rac1
Tfdp1	6.13E-55	0.300903	0.284	0.152	1.50E-50	Mg-ACT	Tfdp1
Siva1	6.36E-55	0.310218	0.329	0.183	1.56E-50	Mg-ACT	Siva1
Eif4a1	3.17E-53	0.293626	0.799	0.585	7.76E-49	Mg-ACT	Eif4a1
Csrp1	4.67E-51	0.266524	0.34	0.193	1.14E-46	Mg-ACT	Csrp1
Slc25a5	1.55E-49	0.31773	0.811	0.621	3.79E-45	Mg-ACT	Slc25a5
Calm2	9.76E-49	0.27798	0.8	0.608	2.39E-44	Mg-ACT	Calm2
Gm26917	1.09E-47	0.289001	0.627	0.421	2.68E-43	Mg-ACT	Gm26917
Ube2s	8.14E-47	0.321442	0.617	0.429	1.99E-42	Mg-ACT	Ube2s
Apbb1ip	3.93E-44	0.263536	0.816	0.618	9.63E-40	Mg-ACT	Apbb1ip
Cd274	5.11E-43	0.250437	0.281	0.162	1.25E-38	Mg-ACT	Cd274
AY036118	5.17E-42	0.447102	0.931	0.811	1.27E-37	Mg-ACT	AY036118
Dbi	2.96E-41	0.260194	0.691	0.472	7.26E-37	Mg-ACT	Dbi
Tubb4b	5.36E-41	0.265549	0.548	0.379	1.31E-36	Mg-ACT	Tubb4b
Ier2	7.68E-37	0.289228	0.52	0.36	1.88E-32	Mg-ACT	Ier2
Selplg	1.55E-35	0.481654	0.881	0.802	3.80E-31	Mg-ACT	Selplg
Pde4d	1.55E-33	0.362517	0.26	0.156	3.79E-29	Mg-ACT	Pde4d
Pkm1	1.51E-28	0.27868	0.791	0.623	3.70E-24	Mg-ACT	Pkm1
Xist	2.96E-15	0.34272	0.441	0.364	7.24E-11	Mg-ACT	Xist
Enpp2	6.16E-09	0.381889	0.262	0.214	0.000151	Mg-ACT	Enpp2
Ttr	0.001474	0.3394	0.492	0.443	1	Mg-ACT	Ttr
Malat1	6.71E-303	0.936267	0.986	0.984	1.64E-298	CD4.Tcm	Malat1
Inpp4b1	6.97E-178	1.572826	0.795	0.723	1.71E-173	CD4.Tcm	Inpp4b
Skap1	5.07E-176	1.134543	0.831	0.774	1.24E-171	CD4.Tcm	Skap1
Arhgap15	2.28E-150	1.53624	0.742	0.72	5.58E-146	CD4.Tcm	Arhgap15
mt-Cytb	3.24E-144	0.839921	0.938	0.953	7.95E-140	CD4.Tcm	mt-Cytb
Mbnl1	1.20E-139	1.142562	0.821	0.835	2.95E-135	CD4.Tcm	Mbnl1
mt-Atp6	2.13E-126	0.818599	0.918	0.94	5.22E-122	CD4.Tcm	mt-Atp6
mt-Co1	1.27E-123	0.635084	0.97	0.981	3.11E-119	CD4.Tcm	mt-Co1
Grap21	1.97E-108	1.444806	0.593	0.515	4.82E-104	CD4.Tcm	Grap2
Themis1	7.20E-96	1.701523	0.489	0.375	1.76E-91	CD4.Tcm	Themis
Dock2	9.79E-95	1.507998	0.734	0.761	2.40E-90	CD4.Tcm	Dock2
mt-Co3	1.73E-92	0.688082	0.937	0.963	4.24E-88	CD4.Tcm	mt-Co3
mt-Co2	1.15E-91	0.631181	0.944	0.963	2.81E-87	CD4.Tcm	mt-Co2
mt-Nd2	3.43E-80	0.87644	0.732	0.775	8.39E-76	CD4.Tcm	mt-Nd2
Bcl11b	8.93E-80	1.73282	0.443	0.343	2.19E-75	CD4.Tcm	Bcl11b
ltk1	1.17E-79	1.172551	0.592	0.542	2.85E-75	CD4.Tcm	ltk
Ccnd3	1.81E-76	1.003394	0.714	0.746	4.43E-72	CD4.Tcm	Ccnd3

Camk1d	1.11E-66	0.870897	0.717	0.755	2.72E-62	CD4.Tcm	Camk1d
Gm42418	1.14E-62	0.694269	0.969	0.993	2.80E-58	CD4.Tcm	Gm42418
Ets11	6.92E-61	0.916956	0.631	0.633	1.69E-56	CD4.Tcm	Ets1
Atxn1	5.90E-55	1.501968	0.501	0.462	1.44E-50	CD4.Tcm	Atxn1
Ankrd44	1.64E-54	1.24833	0.59	0.612	4.01E-50	CD4.Tcm	Ankrd44
Ptprc	2.26E-54	0.569436	0.814	0.862	5.53E-50	CD4.Tcm	Ptprc
Dock10	1.50E-53	0.981342	0.669	0.717	3.67E-49	CD4.Tcm	Dock10
Pde7a1	6.51E-51	1.243984	0.522	0.5	1.59E-46	CD4.Tcm	Pde7a
Gm269171	5.37E-48	1.896913	0.486	0.454	1.31E-43	CD4.Tcm	Gm26917
Mbp	1.41E-47	1.379106	0.466	0.424	3.45E-43	CD4.Tcm	Mbp
Lncpint	1.11E-46	1.880067	0.402	0.346	2.71E-42	CD4.Tcm	Lncpint
mt-Nd4	1.11E-45	0.816626	0.658	0.718	2.71E-41	CD4.Tcm	mt-Nd4
St6galnac3	1.43E-43	1.988243	0.392	0.327	3.51E-39	CD4.Tcm	St6galnac3
Slc9a91	7.64E-43	1.311137	0.511	0.5	1.87E-38	CD4.Tcm	Slc9a9
Gm2682	8.15E-43	1.259911	0.498	0.447	2.00E-38	CD4.Tcm	Gm2682
Rabgap1l1	3.69E-40	1.261901	0.53	0.531	9.04E-36	CD4.Tcm	Rabgap1l
mt-Nd1	9.15E-40	0.68334	0.708	0.782	2.24E-35	CD4.Tcm	mt-Nd1
Sntb11	7.35E-39	1.63529	0.337	0.272	1.80E-34	CD4.Tcm	Sntb1
mt-Nd4l	4.73E-37	0.649096	0.737	0.816	1.16E-32	CD4.Tcm	mt-Nd4l
Mt3	6.27E-37	1.253576	0.301	0.221	1.54E-32	CD4.Tcm	Mt3
Fyn	3.59E-36	1.104165	0.536	0.561	8.80E-32	CD4.Tcm	Fyn
Elmo11	5.50E-36	1.11988	0.569	0.602	1.35E-31	CD4.Tcm	Elmo1
Arhgap26	3.25E-35	1.698988	0.358	0.309	7.96E-31	CD4.Tcm	Arhgap26
Cd2261	1.20E-34	1.181808	0.496	0.474	2.95E-30	CD4.Tcm	Cd226
Bcl2	1.92E-34	1.605618	0.491	0.47	4.71E-30	CD4.Tcm	Bcl2
Il7r2	1.95E-34	0.965387	0.465	0.417	4.78E-30	CD4.Tcm	Il7r
Gimap32	2.99E-34	0.481611	0.688	0.706	7.33E-30	CD4.Tcm	Gimap3
Ptgds	6.62E-34	1.353239	0.307	0.224	1.62E-29	CD4.Tcm	Ptgds
Fryl	1.70E-33	1.273471	0.457	0.453	4.17E-29	CD4.Tcm	Fryl
Gm267401	5.29E-33	1.212257	0.441	0.422	1.30E-28	CD4.Tcm	Gm26740
Ankrd11	7.23E-33	0.932032	0.57	0.624	1.77E-28	CD4.Tcm	Ankrd11
Akap131	3.20E-32	0.835886	0.608	0.671	7.83E-28	CD4.Tcm	Akap13
Utrn	2.13E-31	1.344158	0.43	0.417	5.22E-27	CD4.Tcm	Utrn
Adam191	7.74E-31	1.333665	0.398	0.362	1.90E-26	CD4.Tcm	Adam19
Ikzf1	8.45E-31	0.987699	0.576	0.625	2.07E-26	CD4.Tcm	Ikzf1
Maml2	3.96E-30	1.597029	0.434	0.425	9.70E-26	CD4.Tcm	Maml2
Smyd3	4.04E-30	1.799492	0.402	0.38	9.90E-26	CD4.Tcm	Smyd3
Erap1	1.01E-29	0.250549	0.144	0.269	2.48E-25	CD4.Tcm	Erap1
Smarca4	7.58E-29	0.264684	0.171	0.306	1.86E-24	CD4.Tcm	Smarca4
Vmp11	2.33E-28	0.254335	0.192	0.337	5.72E-24	CD4.Tcm	Vmp1
Prkch1	3.03E-28	0.888923	0.606	0.651	7.43E-24	CD4.Tcm	Prkch
Luc7l3	4.22E-28	0.273767	0.192	0.338	1.03E-23	CD4.Tcm	Luc7l3
Ubash3b1	1.27E-27	0.363796	0.169	0.3	3.10E-23	CD4.Tcm	Ubash3b
mt-Nd5	1.37E-27	0.82676	0.572	0.631	3.36E-23	CD4.Tcm	mt-Nd5

Arhgap45	1.60E-27	0.613803	0.649	0.722	3.93E-23	CD4.Tcm	Arhgap45
Prkca1	1.85E-27	1.302948	0.456	0.457	4.53E-23	CD4.Tcm	Prkca
Prkcq	1.01E-26	1.21439	0.424	0.411	2.48E-22	CD4.Tcm	Prkcq
Tnrc6b	3.27E-26	1.287377	0.433	0.44	8.00E-22	CD4.Tcm	Tnrc6b
Kcmf1	2.14E-25	0.334845	0.176	0.308	5.25E-21	CD4.Tcm	Kcmf1
Gon4l	2.98E-25	0.283175	0.157	0.277	7.29E-21	CD4.Tcm	Gon4l
Rapgef61	4.37E-25	0.924225	0.529	0.578	1.07E-20	CD4.Tcm	Rapgef6
Tor1aip2	5.90E-25	0.290115	0.18	0.312	1.45E-20	CD4.Tcm	Tor1aip2
Cers5	7.77E-25	0.323781	0.144	0.258	1.90E-20	CD4.Tcm	Cers5
Tnik	1.14E-24	1.589247	0.353	0.326	2.78E-20	CD4.Tcm	Tnik
Larp11	3.24E-24	0.268295	0.172	0.296	7.92E-20	CD4.Tcm	Larp1
Tra2a	3.82E-24	0.32698	0.216	0.363	9.36E-20	CD4.Tcm	Tra2a
Cpsf6	9.69E-24	0.331313	0.169	0.294	2.37E-19	CD4.Tcm	Cpsf6
Nedd9	1.23E-23	1.123804	0.469	0.486	3.02E-19	CD4.Tcm	Nedd9
Srsf4	1.40E-23	0.302024	0.152	0.266	3.43E-19	CD4.Tcm	Srsf4
Rnf10	1.58E-23	0.257577	0.164	0.282	3.86E-19	CD4.Tcm	Rnf10
Safb	5.70E-23	0.26743	0.159	0.275	1.39E-18	CD4.Tcm	Safb
Riok3	7.12E-23	0.295592	0.171	0.293	1.74E-18	CD4.Tcm	Riok3
Prpf38b	1.21E-22	0.28032	0.181	0.305	2.96E-18	CD4.Tcm	Prpf38b
Yy1	1.56E-22	0.26038	0.2	0.332	3.83E-18	CD4.Tcm	Yy1
Hpcal1	2.28E-22	0.315225	0.215	0.355	5.59E-18	CD4.Tcm	Hpcal1
B3gnt21	3.02E-22	0.295766	0.189	0.316	7.40E-18	CD4.Tcm	B3gnt2
Baz2b1	3.03E-22	0.326326	0.145	0.251	7.41E-18	CD4.Tcm	Baz2b
Btbd1	3.74E-22	0.271269	0.192	0.321	9.16E-18	CD4.Tcm	Btbd1
Golgb11	3.90E-22	0.308064	0.15	0.26	9.56E-18	CD4.Tcm	Golgb1
Sh3gl1	6.86E-22	0.270411	0.212	0.351	1.68E-17	CD4.Tcm	Sh3gl1
Ptpn22	7.12E-22	1.023434	0.47	0.491	1.74E-17	CD4.Tcm	Ptpn22
Esy2	8.74E-22	1.341403	0.341	0.315	2.14E-17	CD4.Tcm	Esy2
Srsf1	1.30E-21	0.36349	0.158	0.272	3.18E-17	CD4.Tcm	Srsf1
Cdk11b	1.30E-21	0.300582	0.166	0.281	3.19E-17	CD4.Tcm	Cdk11b
Rassf1	1.94E-21	0.257591	0.151	0.258	4.74E-17	CD4.Tcm	Rassf1
Chic21	1.98E-21	0.273454	0.254	0.408	4.86E-17	CD4.Tcm	Chic2
Adam101	2.04E-21	0.291708	0.196	0.324	4.99E-17	CD4.Tcm	Adam10
Elk3	2.09E-21	0.391735	0.174	0.292	5.13E-17	CD4.Tcm	Elk3
Zwint	2.14E-21	0.289806	0.148	0.254	5.25E-17	CD4.Tcm	Zwint
Thada	2.19E-21	1.543041	0.294	0.259	5.36E-17	CD4.Tcm	Thada
Sorl11	3.54E-21	1.206524	0.397	0.396	8.66E-17	CD4.Tcm	Sorl1
Rchy1	3.73E-21	0.254254	0.199	0.326	9.14E-17	CD4.Tcm	Rchy1
Ddx42	3.98E-21	0.38071	0.146	0.251	9.74E-17	CD4.Tcm	Ddx42
Cox16	4.40E-21	0.288684	0.289	0.458	1.08E-16	CD4.Tcm	Cox16
Gna13	5.73E-21	0.315391	0.227	0.369	1.40E-16	CD4.Tcm	Gna13
Mapre2	5.74E-21	0.355314	0.188	0.311	1.40E-16	CD4.Tcm	Mapre2
Git21	6.36E-21	0.313364	0.244	0.394	1.56E-16	CD4.Tcm	Git2
Birc31	7.48E-21	0.37906	0.181	0.299	1.83E-16	CD4.Tcm	Birc3

Ctnnb11	1.05E-20	0.267495	0.213	0.345	2.58E-16	CD4.Tcm	Ctnnb1
Ptpa1	1.07E-20	0.284151	0.2	0.328	2.63E-16	CD4.Tcm	Ptpa1
Msi2	1.08E-20	1.421208	0.377	0.371	2.65E-16	CD4.Tcm	Msi2
Rnf2131	1.27E-20	0.274223	0.247	0.388	3.12E-16	CD4.Tcm	Rnf213
Rad23b	1.60E-20	0.31897	0.179	0.299	3.91E-16	CD4.Tcm	Rad23b
Plekha2	1.91E-20	0.329427	0.176	0.292	4.68E-16	CD4.Tcm	Plekha2
AU020206	2.07E-20	0.898602	0.554	0.614	5.06E-16	CD4.Tcm	AU020206
St3gal4	2.20E-20	0.323787	0.159	0.266	5.38E-16	CD4.Tcm	St3gal4
Lpxn2	2.23E-20	0.25053	0.28	0.44	5.45E-16	CD4.Tcm	Lpxn
Rsrc2	2.65E-20	0.291357	0.228	0.368	6.49E-16	CD4.Tcm	Rsrc2
Tacc11	5.04E-20	0.269609	0.239	0.383	1.23E-15	CD4.Tcm	Tacc1
Ep3001	6.02E-20	0.363719	0.155	0.26	1.47E-15	CD4.Tcm	Ep300
Mthfs	6.58E-20	0.52485	0.158	0.266	1.61E-15	CD4.Tcm	Mthfs
Runx1	7.49E-20	1.169755	0.5	0.543	1.83E-15	CD4.Tcm	Runx1
Aim2	9.00E-20	0.377825	0.196	0.322	2.20E-15	CD4.Tcm	Aim2
Sh3bgrl1	9.27E-20	0.370616	0.155	0.259	2.27E-15	CD4.Tcm	Sh3bgrl
Nptn1	9.51E-20	0.303801	0.268	0.419	2.33E-15	CD4.Tcm	Nptn
Supt201	1.22E-19	0.348258	0.176	0.291	2.99E-15	CD4.Tcm	Supt20
Ccdc107	1.63E-19	0.262736	0.158	0.262	3.99E-15	CD4.Tcm	Ccdc107
Map41	2.66E-19	0.341675	0.25	0.397	6.51E-15	CD4.Tcm	Map4
Baz1b	2.80E-19	0.292258	0.171	0.281	6.87E-15	CD4.Tcm	Baz1b
Chfr	3.23E-19	0.269398	0.153	0.254	7.92E-15	CD4.Tcm	Chfr
Entpd11	4.05E-19	0.265256	0.175	0.281	9.91E-15	CD4.Tcm	Entpd1
Stx8	4.18E-19	0.487912	0.194	0.317	1.02E-14	CD4.Tcm	Stx8
Galnt1	4.22E-19	0.41788	0.183	0.303	1.03E-14	CD4.Tcm	Galnt1
Zfand6	4.26E-19	0.359351	0.235	0.375	1.04E-14	CD4.Tcm	Zfand6
Gramd31	4.32E-19	1.142687	0.381	0.359	1.06E-14	CD4.Tcm	Gramd3
Arhgap171	4.64E-19	0.382499	0.155	0.257	1.14E-14	CD4.Tcm	Arhgap17
Zfp207	4.97E-19	0.3091	0.21	0.338	1.22E-14	CD4.Tcm	Zfp207
Cux11	6.78E-19	0.462558	0.152	0.253	1.66E-14	CD4.Tcm	Cux1
Herc21	6.95E-19	0.346882	0.159	0.263	1.70E-14	CD4.Tcm	Herc2
Pura	8.31E-19	0.323776	0.223	0.355	2.04E-14	CD4.Tcm	Pura
Gatad2a	8.97E-19	0.39498	0.172	0.283	2.20E-14	CD4.Tcm	Gatad2a
Lars2	9.50E-19	0.435883	0.721	0.803	2.33E-14	CD4.Tcm	Lars2
Arf3	1.38E-18	0.350388	0.165	0.27	3.38E-14	CD4.Tcm	Arf3
Fip1l1	1.47E-18	0.33003	0.214	0.342	3.60E-14	CD4.Tcm	Fip1l1
Smarcc2	1.75E-18	0.411064	0.175	0.286	4.28E-14	CD4.Tcm	Smarcc2
Zbtb20	1.76E-18	1.195864	0.438	0.451	4.30E-14	CD4.Tcm	Zbtb20
Rab10	1.86E-18	0.317644	0.278	0.438	4.55E-14	CD4.Tcm	Rab10
Edem11	2.26E-18	0.361338	0.156	0.258	5.54E-14	CD4.Tcm	Edem1
Itpr2	2.41E-18	1.266216	0.378	0.377	5.90E-14	CD4.Tcm	Itpr2
Dgkz	2.58E-18	0.273709	0.226	0.359	6.32E-14	CD4.Tcm	Dgkz
Adipor2	2.90E-18	0.310024	0.151	0.25	7.11E-14	CD4.Tcm	Adipor2
Tasp1	2.95E-18	1.590393	0.26	0.222	7.22E-14	CD4.Tcm	Tasp1

Tut7	3.14E-18	0.32095	0.166	0.271	7.68E-14	CD4.Tcm	Tut7
Ppp1r12a	3.72E-18	0.733834	0.573	0.656	9.10E-14	CD4.Tcm	Ppp1r12a
Pdcd41	4.11E-18	0.67928	0.552	0.601	1.01E-13	CD4.Tcm	Pdcd4
Ranbp21	4.15E-18	0.389201	0.167	0.274	1.02E-13	CD4.Tcm	Ranbp2
Ubn1	4.59E-18	0.354629	0.197	0.316	1.12E-13	CD4.Tcm	Ubn1
Ncoa2	4.84E-18	1.539983	0.345	0.338	1.18E-13	CD4.Tcm	Ncoa2
Tcf25	4.95E-18	0.256215	0.3	0.468	1.21E-13	CD4.Tcm	Tcf25
Rsu11	5.19E-18	0.403265	0.153	0.253	1.27E-13	CD4.Tcm	Rsu1
Ogdh	6.99E-18	0.361784	0.221	0.352	1.71E-13	CD4.Tcm	Ogdh
Mia3	9.44E-18	0.295977	0.172	0.278	2.31E-13	CD4.Tcm	Mia3
Larp4b1	1.46E-17	0.481016	0.189	0.304	3.57E-13	CD4.Tcm	Larp4b
Etv61	1.58E-17	0.514371	0.202	0.32	3.87E-13	CD4.Tcm	Etv6
Pitpnc1	1.74E-17	1.213627	0.468	0.503	4.27E-13	CD4.Tcm	Pitpnc1
Nck1	1.85E-17	0.390749	0.155	0.255	4.53E-13	CD4.Tcm	Nck1
Tgoln1	1.89E-17	0.316972	0.159	0.259	4.62E-13	CD4.Tcm	Tgoln1
Sun2	1.99E-17	0.2642	0.211	0.331	4.87E-13	CD4.Tcm	Sun2
Aak1	2.02E-17	1.271209	0.386	0.392	4.96E-13	CD4.Tcm	Aak1
Stat31	2.09E-17	0.316412	0.279	0.434	5.13E-13	CD4.Tcm	Stat3
Sppl3	2.14E-17	0.48528	0.209	0.333	5.25E-13	CD4.Tcm	Sppl3
Fyb	2.88E-17	0.554963	0.621	0.704	7.05E-13	CD4.Tcm	Fyb
Osbpl91	3.04E-17	0.44715	0.167	0.272	7.45E-13	CD4.Tcm	Osbpl9
Setd31	3.12E-17	0.407534	0.174	0.282	7.65E-13	CD4.Tcm	Setd3
Mllt3	3.33E-17	1.401943	0.385	0.393	8.16E-13	CD4.Tcm	Mllt3
Nin	3.64E-17	0.448501	0.154	0.251	8.91E-13	CD4.Tcm	Nin
Cflar1	5.46E-17	0.347827	0.206	0.325	1.34E-12	CD4.Tcm	Cflar
Smchd1	5.70E-17	0.329446	0.25	0.388	1.40E-12	CD4.Tcm	Smchd1
Rtf1	5.91E-17	0.324285	0.231	0.361	1.45E-12	CD4.Tcm	Rtf1
Acin1	6.34E-17	0.251054	0.308	0.476	1.55E-12	CD4.Tcm	Acin1
Ddx50	7.59E-17	0.359173	0.2	0.318	1.86E-12	CD4.Tcm	Ddx50
Ddx46	7.81E-17	0.313817	0.195	0.308	1.91E-12	CD4.Tcm	Ddx46
Sbno1	8.33E-17	0.368592	0.203	0.322	2.04E-12	CD4.Tcm	Sbno1
Kdm1a	8.73E-17	0.422924	0.157	0.255	2.14E-12	CD4.Tcm	Kdm1a
Taok3	9.72E-17	0.474387	0.231	0.367	2.38E-12	CD4.Tcm	Taok3
Dync1h11	1.85E-16	0.348612	0.192	0.303	4.54E-12	CD4.Tcm	Dync1h1
Aopep1	1.99E-16	0.954496	0.462	0.489	4.87E-12	CD4.Tcm	Aopep
Spop1	2.03E-16	0.372028	0.237	0.366	4.97E-12	CD4.Tcm	Spop
Ap3b11	2.07E-16	0.518408	0.209	0.332	5.08E-12	CD4.Tcm	Ap3b1
Rock21	2.52E-16	0.522855	0.156	0.253	6.18E-12	CD4.Tcm	Rock2
Rbm261	2.74E-16	0.447635	0.16	0.259	6.72E-12	CD4.Tcm	Rbm26
Ptbp3	3.18E-16	0.259615	0.329	0.504	7.78E-12	CD4.Tcm	Ptbp3
Ep400	3.74E-16	0.385493	0.211	0.332	9.15E-12	CD4.Tcm	Ep400
Fubp1	3.99E-16	0.33699	0.257	0.399	9.78E-12	CD4.Tcm	Fubp1
Atp2a21	4.40E-16	0.481079	0.155	0.25	1.08E-11	CD4.Tcm	Atp2a2
Mkln11	4.80E-16	0.558964	0.192	0.307	1.18E-11	CD4.Tcm	Mkln1

Cd2471	5.06E-16	1.013576	0.449	0.468	1.24E-11	CD4.Tcm	Cd247
Zmiz11	5.17E-16	0.452893	0.249	0.385	1.27E-11	CD4.Tcm	Zmiz1
Nsmce2	8.32E-16	0.610137	0.219	0.345	2.04E-11	CD4.Tcm	Nsmce2
Sptan1	8.86E-16	0.297643	0.177	0.277	2.17E-11	CD4.Tcm	Sptan1
Ccnl1	9.78E-16	0.36092	0.216	0.337	2.39E-11	CD4.Tcm	Ccnl1
Elf2	1.02E-15	0.414041	0.208	0.325	2.50E-11	CD4.Tcm	Elf2
Kansl1	1.45E-15	0.985861	0.448	0.493	3.56E-11	CD4.Tcm	Kansl1
Spag91	1.65E-15	0.505873	0.172	0.272	4.04E-11	CD4.Tcm	Spag9
Elf4	1.66E-15	0.434925	0.214	0.334	4.07E-11	CD4.Tcm	Elf4
Add1	2.64E-15	0.357249	0.218	0.336	6.48E-11	CD4.Tcm	Add1
Arglu1	2.94E-15	0.413396	0.244	0.379	7.21E-11	CD4.Tcm	Arglu1
Itga4	3.17E-15	0.919702	0.471	0.494	7.76E-11	CD4.Tcm	Itga4
Lrrfip1	3.17E-15	0.258385	0.32	0.482	7.77E-11	CD4.Tcm	Lrrfip1
Purb	3.51E-15	0.295204	0.271	0.414	8.60E-11	CD4.Tcm	Purb
Wapl	5.16E-15	0.373599	0.215	0.333	1.26E-10	CD4.Tcm	Wapl
D16Ertd472e	5.49E-15	0.344335	0.164	0.257	1.35E-10	CD4.Tcm	D16Ertd472e
Tnpo11	6.34E-15	0.526996	0.168	0.267	1.55E-10	CD4.Tcm	Tnpo1
Rbm39	7.58E-15	0.358067	0.726	0.845	1.86E-10	CD4.Tcm	Rbm39
Snrnp48	1.03E-14	0.449715	0.158	0.251	2.51E-10	CD4.Tcm	Snrnp48
Nrd1	1.63E-14	0.397465	0.162	0.254	3.99E-10	CD4.Tcm	Nrd1
Csde1	1.72E-14	0.364944	0.205	0.316	4.21E-10	CD4.Tcm	Csde1
Cntrl	2.04E-14	0.414694	0.206	0.319	5.00E-10	CD4.Tcm	Cntrl
Hivep2	2.14E-14	1.390224	0.324	0.314	5.24E-10	CD4.Tcm	Hivep2
Ttc14	2.26E-14	0.385465	0.225	0.345	5.54E-10	CD4.Tcm	Ttc14
Dnm21	2.73E-14	0.355447	0.284	0.431	6.68E-10	CD4.Tcm	Dnm2
Ddx581	2.95E-14	0.262637	0.165	0.253	7.22E-10	CD4.Tcm	Ddx58
Cabin1	3.40E-14	0.418901	0.163	0.254	8.32E-10	CD4.Tcm	Cabin1
Arhgap4	3.45E-14	0.388948	0.212	0.325	8.46E-10	CD4.Tcm	Arhgap4
Thoc2	3.74E-14	0.517865	0.193	0.3	9.16E-10	CD4.Tcm	Thoc2
Ccnl2	4.06E-14	0.459521	0.205	0.316	9.93E-10	CD4.Tcm	Ccnl2
Ppp2r2a	4.13E-14	0.514638	0.176	0.277	1.01E-09	CD4.Tcm	Ppp2r2a
Trim12a	4.27E-14	0.354532	0.197	0.301	1.04E-09	CD4.Tcm	Trim12a
Itgav1	4.32E-14	0.512135	0.179	0.276	1.06E-09	CD4.Tcm	Itgav
Ablim1	4.75E-14	0.859066	0.467	0.501	1.16E-09	CD4.Tcm	Ablim1
Itpkb1	5.44E-14	1.240344	0.36	0.365	1.33E-09	CD4.Tcm	Itpkb
Camk41	5.56E-14	1.281559	0.333	0.325	1.36E-09	CD4.Tcm	Camk4
Sh2d3c1	5.80E-14	0.350132	0.165	0.254	1.42E-09	CD4.Tcm	Sh2d3c
Celf2	6.16E-14	0.87897	0.529	0.611	1.51E-09	CD4.Tcm	Celf2
Brd1	7.33E-14	0.548802	0.182	0.282	1.80E-09	CD4.Tcm	Brd1
Rgs3	9.21E-14	0.425768	0.193	0.293	2.25E-09	CD4.Tcm	Rgs3
Foxp1	1.07E-13	1.20927	0.455	0.501	2.62E-09	CD4.Tcm	Foxp1
Papola	1.11E-13	0.34293	0.287	0.437	2.72E-09	CD4.Tcm	Papola
Dhx36	1.13E-13	0.54659	0.164	0.257	2.77E-09	CD4.Tcm	Dhx36
Mapk1	1.28E-13	0.414097	0.276	0.418	3.14E-09	CD4.Tcm	Mapk1

Akap9	1.37E-13	0.433038	0.203	0.31	3.36E-09	CD4.Tcm	Akap9
Klhl6	1.70E-13	0.43003	0.194	0.295	4.16E-09	CD4.Tcm	Klhl6
Il162	1.78E-13	0.304678	0.271	0.404	4.36E-09	CD4.Tcm	Il16
Numb1	2.05E-13	0.309365	0.175	0.265	5.03E-09	CD4.Tcm	Numb
Myo9b1	2.47E-13	0.569405	0.169	0.263	6.06E-09	CD4.Tcm	Myo9b
Ifnar1	3.18E-13	0.492452	0.178	0.273	7.79E-09	CD4.Tcm	Ifnar1
Znrf1	3.69E-13	1.162251	0.381	0.398	9.05E-09	CD4.Tcm	Znrf1
Nrip12	4.12E-13	0.540833	0.231	0.346	1.01E-08	CD4.Tcm	Nrip1
Sec63	5.15E-13	0.588046	0.162	0.252	1.26E-08	CD4.Tcm	Sec63
Lims11	5.83E-13	0.4442	0.268	0.403	1.43E-08	CD4.Tcm	Lims1
Setd21	5.90E-13	0.494348	0.171	0.264	1.45E-08	CD4.Tcm	Setd2
Ppp1cb	6.15E-13	0.471633	0.183	0.28	1.51E-08	CD4.Tcm	Ppp1cb
Ppp4r3b	7.28E-13	0.499515	0.193	0.295	1.78E-08	CD4.Tcm	Ppp4r3b
Lsm14a	7.52E-13	0.428073	0.206	0.313	1.84E-08	CD4.Tcm	Lsm14a
Rnf1671	7.79E-13	0.29543	0.244	0.361	1.91E-08	CD4.Tcm	Rnf167
Eif4ebp2	8.04E-13	0.389038	0.204	0.31	1.97E-08	CD4.Tcm	Eif4ebp2
Pds5a	9.84E-13	0.512734	0.196	0.299	2.41E-08	CD4.Tcm	Pds5a
Srpk1	1.32E-12	0.378468	0.221	0.332	3.24E-08	CD4.Tcm	Srpk1
Smap1	1.66E-12	0.286182	0.33	0.487	4.07E-08	CD4.Tcm	Smap1
Slco3a1	1.68E-12	1.640276	0.272	0.252	4.12E-08	CD4.Tcm	Slco3a1
Runx3	1.91E-12	0.383932	0.241	0.356	4.67E-08	CD4.Tcm	Runx3
Acap21	2.21E-12	0.413695	0.207	0.311	5.42E-08	CD4.Tcm	Acap2
Nfkb1	2.46E-12	0.578169	0.313	0.464	6.03E-08	CD4.Tcm	Nfkb1
Rnf1381	2.91E-12	0.387805	0.216	0.32	7.12E-08	CD4.Tcm	Rnf138
Ldb1	3.17E-12	0.357472	0.271	0.403	7.77E-08	CD4.Tcm	Ldb1
Parp141	4.30E-12	0.367902	0.205	0.305	1.05E-07	CD4.Tcm	Parp14
Ccdc88c	4.57E-12	1.13798	0.333	0.332	1.12E-07	CD4.Tcm	Ccdc88c
Rora	4.99E-12	1.293185	0.304	0.287	1.22E-07	CD4.Tcm	Rora
Hnrnp1	5.03E-12	0.465265	0.22	0.333	1.23E-07	CD4.Tcm	Hnrnp1
Prpf4b	6.00E-12	0.421796	0.189	0.284	1.47E-07	CD4.Tcm	Prpf4b
Nsd3	6.33E-12	0.963112	0.45	0.507	1.55E-07	CD4.Tcm	Nsd3
Mindy2	6.61E-12	0.48083	0.169	0.256	1.62E-07	CD4.Tcm	Mindy2
Fnbp1	6.74E-12	1.051471	0.46	0.525	1.65E-07	CD4.Tcm	Fnbp1
Ppp3cb	7.06E-12	0.561393	0.167	0.254	1.73E-07	CD4.Tcm	Ppp3cb
Zup11	7.18E-12	0.501898	0.175	0.265	1.76E-07	CD4.Tcm	Zup1
Cbl	7.54E-12	0.520611	0.231	0.346	1.85E-07	CD4.Tcm	Cbl
Trpc4ap	8.33E-12	0.570061	0.192	0.289	2.04E-07	CD4.Tcm	Trpc4ap
Slfn81	9.39E-12	0.39422	0.171	0.257	2.30E-07	CD4.Tcm	Slfn8
Sh3kbp1	1.16E-11	0.960827	0.468	0.528	2.84E-07	CD4.Tcm	Sh3kbp1
Mgat51	1.33E-11	0.941613	0.17	0.257	3.27E-07	CD4.Tcm	Mgat5
Arhgap30	1.34E-11	0.36111	0.29	0.432	3.28E-07	CD4.Tcm	Arhgap30
Ythdc11	1.37E-11	0.454876	0.252	0.376	3.36E-07	CD4.Tcm	Ythdc1
Efr3a	1.39E-11	0.41079	0.21	0.313	3.40E-07	CD4.Tcm	Efr3a
Map4k41	1.73E-11	0.45697	0.235	0.348	4.25E-07	CD4.Tcm	Map4k4

Ptprj1	1.74E-11	0.505046	0.202	0.298	4.25E-07	CD4.Tcm	Ptprj
Arhgap91	1.80E-11	0.278441	0.334	0.489	4.41E-07	CD4.Tcm	Arhgap9
Ahnak	1.82E-11	0.565856	0.536	0.588	4.45E-07	CD4.Tcm	Ahnak
Tmcc11	2.14E-11	0.683689	0.173	0.261	5.23E-07	CD4.Tcm	Tmcc1
Dnajc5	2.19E-11	0.559507	0.184	0.278	5.36E-07	CD4.Tcm	Dnajc5
Fli1	2.79E-11	0.973144	0.46	0.519	6.83E-07	CD4.Tcm	Fli1
Klf6	2.82E-11	0.340347	0.283	0.408	6.91E-07	CD4.Tcm	Klf6
Zfp36l21	4.39E-11	0.489529	0.625	0.722	1.07E-06	CD4.Tcm	Zfp36l2
Rbbp6	5.65E-11	0.428738	0.229	0.339	1.38E-06	CD4.Tcm	Rbbp6
Tcf71	6.42E-11	0.90236	0.287	0.262	1.57E-06	CD4.Tcm	Tcf7
Krit1	6.69E-11	0.468777	0.194	0.286	1.64E-06	CD4.Tcm	Krit1
Gatad2b	6.69E-11	0.563329	0.174	0.263	1.64E-06	CD4.Tcm	Gatad2b
Cd281	8.38E-11	1.102686	0.29	0.276	2.05E-06	CD4.Tcm	Cd28
Ankrd10	8.44E-11	0.518579	0.177	0.263	2.07E-06	CD4.Tcm	Ankrd10
Gphn	1.01E-10	0.589726	0.579	0.66	2.48E-06	CD4.Tcm	Gphn
Nlrc5	1.14E-10	1.043888	0.406	0.445	2.80E-06	CD4.Tcm	Nlrc5
Tcf12	1.14E-10	1.301371	0.351	0.369	2.80E-06	CD4.Tcm	Tcf12
Foxn31	1.17E-10	0.886212	0.491	0.55	2.87E-06	CD4.Tcm	Foxn3
Phf141	1.19E-10	0.482721	0.239	0.353	2.91E-06	CD4.Tcm	Phf14
Bhlhe40	1.22E-10	0.273056	0.224	0.317	3.00E-06	CD4.Tcm	Bhlhe40
Hnrnph3	1.25E-10	0.500539	0.233	0.343	3.06E-06	CD4.Tcm	Hnrnph3
Cab39	1.71E-10	0.51175	0.231	0.339	4.19E-06	CD4.Tcm	Cab39
Fam102a1	1.78E-10	1.100336	0.299	0.287	4.35E-06	CD4.Tcm	Fam102a
AC149090.	1.82E-10	0.495193	0.201	0.294	4.45E-06	CD4.Tcm	AC149090.1
4932438A1	2.10E-10	1.097004	0.327	0.33	5.14E-06	CD4.Tcm	4932438A13Rik
Ss18	2.61E-10	0.576954	0.187	0.277	6.40E-06	CD4.Tcm	Ss18
Rcsd11	2.94E-10	0.631533	0.219	0.321	7.20E-06	CD4.Tcm	Rcsd1
Nfatc11	2.97E-10	0.47275	0.253	0.369	7.28E-06	CD4.Tcm	Nfatc1
Dgka2	3.51E-10	1.080115	0.301	0.293	8.59E-06	CD4.Tcm	Dgka
Ifi2062	3.84E-10	0.302034	0.181	0.259	9.41E-06	CD4.Tcm	Ifi206
Hnrnpll1	4.72E-10	0.577196	0.181	0.267	1.16E-05	CD4.Tcm	Hnrnpll
Kpna4	5.81E-10	0.355287	0.35	0.507	1.42E-05	CD4.Tcm	Kpna4
Glg1	6.55E-10	0.620881	0.2	0.296	1.60E-05	CD4.Tcm	Glg1
Gpbp1	6.78E-10	0.515718	0.2	0.294	1.66E-05	CD4.Tcm	Gpbp1
Pkn1	7.40E-10	0.434144	0.272	0.395	1.81E-05	CD4.Tcm	Pkn1
Ubl32	9.48E-10	0.463376	0.248	0.359	2.32E-05	CD4.Tcm	Ubl3
Zfr	9.49E-10	0.563326	0.226	0.333	2.32E-05	CD4.Tcm	Zfr
Phf3	1.01E-09	0.509914	0.228	0.332	2.47E-05	CD4.Tcm	Phf3
Ms4a6b2	1.04E-09	0.461007	0.568	0.638	2.54E-05	CD4.Tcm	Ms4a6b
Tank1	1.19E-09	0.730544	0.187	0.276	2.91E-05	CD4.Tcm	Tank
Hif1a1	1.21E-09	0.440523	0.238	0.342	2.95E-05	CD4.Tcm	Hif1a
Arhgef6	1.28E-09	0.542636	0.192	0.28	3.14E-05	CD4.Tcm	Arhgef6
Mapkapk31	1.45E-09	0.447205	0.215	0.31	3.55E-05	CD4.Tcm	Mapkapk3
Grap3	1.48E-09	0.310102	0.264	0.374	3.62E-05	CD4.Tcm	Grap

Uhrf2	1.65E-09	0.64254	0.172	0.254	4.03E-05	CD4.Tcm	Uhrf2
Cdk13	1.68E-09	0.546865	0.229	0.332	4.12E-05	CD4.Tcm	Cdk13
Man1a21	2.00E-09	0.66481	0.173	0.255	4.89E-05	CD4.Tcm	Man1a2
Ncoa32	2.01E-09	0.664841	0.187	0.274	4.93E-05	CD4.Tcm	Ncoa3
Fam168b	2.06E-09	0.502462	0.21	0.305	5.05E-05	CD4.Tcm	Fam168b
mt-Nd3	2.06E-09	0.616675	0.185	0.27	5.06E-05	CD4.Tcm	mt-Nd3
Ripor2	2.15E-09	1.039823	0.366	0.378	5.26E-05	CD4.Tcm	Ripor2
Rbm5	2.29E-09	0.487003	0.248	0.362	5.61E-05	CD4.Tcm	Rbm5
Arid4a	2.37E-09	0.591048	0.228	0.335	5.81E-05	CD4.Tcm	Arid4a
Sltm	2.50E-09	0.530142	0.246	0.356	6.13E-05	CD4.Tcm	Sltm
Bod1l	2.65E-09	0.51593	0.221	0.321	6.50E-05	CD4.Tcm	Bod1l
Tab2	2.71E-09	0.497655	0.247	0.356	6.63E-05	CD4.Tcm	Tab2
Bclaf1	3.26E-09	0.448599	0.276	0.402	7.97E-05	CD4.Tcm	Bclaf1
Ago2	4.41E-09	0.630284	0.196	0.286	0.000108	CD4.Tcm	Ago2
Gbp41	4.45E-09	0.385699	0.207	0.292	0.000109	CD4.Tcm	Gbp4
Rasgrp1	4.94E-09	0.977589	0.345	0.354	0.000121	CD4.Tcm	Rasgrp1
Rhoh1	5.03E-09	0.414044	0.313	0.449	0.000123	CD4.Tcm	Rhoh
Cbx41	6.04E-09	0.393993	0.242	0.343	0.000148	CD4.Tcm	Cbx4
Tpp21	6.54E-09	0.459427	0.229	0.329	0.00016	CD4.Tcm	Tpp2
Ube3a	7.44E-09	0.515271	0.23	0.331	0.000182	CD4.Tcm	Ube3a
Cdc42ep31	7.46E-09	0.414802	0.176	0.252	0.000183	CD4.Tcm	Cdc42ep3
Ppp2r5a	7.98E-09	0.403751	0.255	0.363	0.000195	CD4.Tcm	Ppp2r5a
Kdm2a	8.71E-09	0.587491	0.202	0.294	0.000213	CD4.Tcm	Kdm2a
Zeb1	1.10E-08	1.301664	0.32	0.331	0.000269	CD4.Tcm	Zeb1
Cast1	1.16E-08	0.472748	0.25	0.356	0.000284	CD4.Tcm	Cast
Sep-61	1.22E-08	0.355029	0.302	0.426	0.000299	CD4.Tcm	6-Sep
Pias11	1.36E-08	0.546815	0.227	0.328	0.000332	CD4.Tcm	Pias1
Setx	1.47E-08	0.542	0.176	0.254	0.000361	CD4.Tcm	Setx
Add3	1.55E-08	0.50159	0.208	0.295	0.000379	CD4.Tcm	Add3
Zfp644	1.61E-08	0.593419	0.196	0.284	0.000395	CD4.Tcm	Zfp644
Micu2	1.63E-08	0.62813	0.191	0.277	0.000399	CD4.Tcm	Micu2
Fam189b1	1.70E-08	0.273619	0.233	0.322	0.000415	CD4.Tcm	Fam189b
Irf21	1.71E-08	0.404468	0.316	0.452	0.000418	CD4.Tcm	Irf2
Stag2	1.79E-08	0.598705	0.212	0.305	0.000439	CD4.Tcm	Stag2
Cnot2	2.07E-08	0.681805	0.209	0.303	0.000507	CD4.Tcm	Cnot2
Thap32	2.12E-08	0.479242	0.193	0.273	0.000518	CD4.Tcm	Thap3
Lonp2	2.15E-08	0.620304	0.212	0.306	0.000528	CD4.Tcm	Lonp2
Top2b	2.30E-08	0.414999	0.256	0.363	0.000563	CD4.Tcm	Top2b
2310001H1	2.42E-08	0.402427	0.181	0.254	0.000593	CD4.Tcm	2310001H17Rik
Slc44a2	2.46E-08	0.572797	0.19	0.273	0.000603	CD4.Tcm	Slc44a2
Rsb1l	2.49E-08	0.477985	0.272	0.39	0.000611	CD4.Tcm	Rsb1l
Fam120a	2.71E-08	0.683712	0.176	0.254	0.000664	CD4.Tcm	Fam120a
Ubac2	2.92E-08	0.450091	0.328	0.472	0.000715	CD4.Tcm	Ubac2
Macf11	3.36E-08	0.740944	0.492	0.569	0.000824	CD4.Tcm	Macf1

Itga11	3.62E-08	1.117976	0.295	0.286	0.000885	CD4.Tcm	Itga1
Tbc1d51	3.67E-08	0.742784	0.208	0.296	0.000899	CD4.Tcm	Tbc1d5
Resf11	4.85E-08	0.465327	0.231	0.325	0.001188	CD4.Tcm	Resf1
Traf11	4.92E-08	0.317274	0.241	0.333	0.001205	CD4.Tcm	Traf1
Ppm1h	6.24E-08	1.241746	0.379	0.417	0.001529	CD4.Tcm	Ppm1h
Gimap62	6.77E-08	0.441682	0.583	0.655	0.001657	CD4.Tcm	Gimap6
Maf3	6.84E-08	0.517299	0.199	0.278	0.001676	CD4.Tcm	Maf
Pafah1b1	6.98E-08	0.30861	0.376	0.54	0.00171	CD4.Tcm	Pafah1b1
Slc38a1	7.40E-08	0.574213	0.238	0.339	0.001813	CD4.Tcm	Slc38a1
Stk38	7.60E-08	0.650551	0.208	0.298	0.001861	CD4.Tcm	Stk38
Clint1	8.14E-08	0.825746	0.47	0.558	0.001994	CD4.Tcm	Clint1
Numa1	8.48E-08	0.500021	0.236	0.334	0.002075	CD4.Tcm	Numa1
Elovl5	8.98E-08	0.686204	0.184	0.261	0.002199	CD4.Tcm	Elovl5
Tspan321	9.48E-08	0.387091	0.206	0.284	0.002321	CD4.Tcm	Tspan32
Gpatch8	9.63E-08	0.690711	0.209	0.299	0.002358	CD4.Tcm	Gpatch8
Cdk61	1.09E-07	1.046386	0.187	0.264	0.00266	CD4.Tcm	Cdk6
Coro2a1	1.11E-07	0.809701	0.459	0.516	0.002713	CD4.Tcm	Coro2a
Babam2	1.17E-07	0.703	0.259	0.37	0.002875	CD4.Tcm	Babam2
Flt3l1	1.27E-07	0.286484	0.253	0.348	0.0031	CD4.Tcm	Flt3l
Epc1	1.43E-07	0.604685	0.209	0.296	0.003499	CD4.Tcm	Epc1
Cep350	1.46E-07	0.590592	0.204	0.289	0.003574	CD4.Tcm	Cep350
Dip2b1	1.63E-07	0.560559	0.239	0.335	0.003981	CD4.Tcm	Dip2b
Smad7	1.66E-07	0.544772	0.2	0.282	0.004064	CD4.Tcm	Smad7
Apbb1ip1	1.71E-07	0.517409	0.567	0.671	0.004176	CD4.Tcm	Apbb1ip
Plec	1.79E-07	0.452622	0.188	0.261	0.004389	CD4.Tcm	Plec
Cyfip2	1.87E-07	0.935341	0.37	0.399	0.004574	CD4.Tcm	Cyfip2
St3gal61	1.92E-07	0.346225	0.24	0.33	0.004705	CD4.Tcm	St3gal6
Cblb	2.06E-07	1.138293	0.359	0.388	0.005049	CD4.Tcm	Cblb
Zdhhc201	2.17E-07	0.445603	0.314	0.444	0.005304	CD4.Tcm	Zdhhc20
Akap8l	2.42E-07	0.524704	0.179	0.251	0.005927	CD4.Tcm	Akap8l
Jarid21	2.77E-07	0.582844	0.261	0.366	0.006791	CD4.Tcm	Jarid2
Usp9x	2.81E-07	0.627169	0.177	0.25	0.006873	CD4.Tcm	Usp9x
Itch	3.15E-07	0.603123	0.213	0.299	0.007716	CD4.Tcm	Itch
Dennd1c1	3.28E-07	0.522141	0.216	0.302	0.008037	CD4.Tcm	Dennd1c
Cd841	3.31E-07	0.556057	0.267	0.378	0.008111	CD4.Tcm	Cd84
Trbc11	3.33E-07	0.345262	0.194	0.262	0.00816	CD4.Tcm	Trbc1
Pum1	3.37E-07	0.729344	0.203	0.289	0.008257	CD4.Tcm	Pum1
Gramd1a1	3.48E-07	0.422006	0.285	0.397	0.008522	CD4.Tcm	Gramd1a
Ubr2	4.03E-07	0.71665	0.189	0.268	0.00987	CD4.Tcm	Ubr2
Rasal31	4.51E-07	0.353521	0.339	0.474	0.011038	CD4.Tcm	Rasal3
Kif5b	5.31E-07	0.435568	0.304	0.433	0.01301	CD4.Tcm	Kif5b
Cxcr61	5.57E-07	0.353703	0.534	0.542	0.013642	CD4.Tcm	Cxcr6
Ddx17	5.89E-07	0.596426	0.219	0.307	0.014417	CD4.Tcm	Ddx17
Snrnp70	6.24E-07	0.340567	0.39	0.549	0.015287	CD4.Tcm	Snrnp70

Cd692	6.46E-07	0.294927	0.298	0.396	0.015811	CD4.Tcm	Cd69
Vps37b	6.56E-07	0.462656	0.264	0.358	0.016072	CD4.Tcm	Vps37b
Atp8b4	6.60E-07	0.662664	0.186	0.256	0.016159	CD4.Tcm	Atp8b4
Gm15564	7.32E-07	0.339539	0.211	0.285	0.017926	CD4.Tcm	Gm15564
Diaph21	7.57E-07	0.598834	0.214	0.295	0.01853	CD4.Tcm	Diaph2
Lef11	7.66E-07	1.214013	0.25	0.241	0.018751	CD4.Tcm	Lef1
Nisch	8.79E-07	0.670463	0.207	0.291	0.021524	CD4.Tcm	Nisch
Wac	8.94E-07	0.581656	0.28	0.398	0.021888	CD4.Tcm	Wac
Abr1	9.45E-07	0.734124	0.184	0.257	0.023134	CD4.Tcm	Abr
Mycbp2	9.48E-07	0.822313	0.439	0.506	0.023216	CD4.Tcm	Mycbp2
Jak21	9.72E-07	0.600878	0.202	0.281	0.023801	CD4.Tcm	Jak2
Pbxip1	1.15E-06	0.56415	0.193	0.268	0.028191	CD4.Tcm	Pbxip1
Fam172a	1.15E-06	1.124774	0.376	0.426	0.028213	CD4.Tcm	Fam172a
Pnizr	1.25E-06	0.556028	0.248	0.344	0.030703	CD4.Tcm	Pnizr
Cul3	1.27E-06	0.57698	0.244	0.343	0.031133	CD4.Tcm	Cul3
Zc3h7a1	1.28E-06	0.347747	0.384	0.526	0.031279	CD4.Tcm	Zc3h7a
Chchd3	1.29E-06	0.673726	0.25	0.354	0.031679	CD4.Tcm	Chchd3
Sla1	1.32E-06	0.453943	0.305	0.428	0.03243	CD4.Tcm	Sla
Wdr33	1.61E-06	0.506519	0.277	0.391	0.039342	CD4.Tcm	Wdr33
Pak2	1.62E-06	0.333543	0.373	0.523	0.039632	CD4.Tcm	Pak2
Ikzf21	1.90E-06	1.002968	0.21	0.282	0.046598	CD4.Tcm	Ikzf2
Chn2	1.92E-06	0.701405	0.254	0.349	0.047025	CD4.Tcm	Chn2
Etnk1	2.16E-06	0.70514	0.208	0.289	0.052964	CD4.Tcm	Etnk1
N4bp2l2	2.42E-06	0.576679	0.213	0.296	0.059269	CD4.Tcm	N4bp2l2
Setd5	2.44E-06	0.685097	0.249	0.35	0.059655	CD4.Tcm	Setd5
Rbl2	2.75E-06	0.571627	0.223	0.308	0.06726	CD4.Tcm	Rbl2
Vgll4	2.79E-06	0.629559	0.237	0.331	0.068424	CD4.Tcm	Vgll4
Erbin	2.81E-06	0.647688	0.201	0.28	0.068695	CD4.Tcm	Erbin
Tgfbr2	3.24E-06	0.76046	0.448	0.518	0.079451	CD4.Tcm	Tgfbr2
Atrx	3.79E-06	0.440932	0.313	0.437	0.09291	CD4.Tcm	Atrx
Crlf3	3.90E-06	0.612479	0.293	0.414	0.095583	CD4.Tcm	Crlf3
Faf1	4.09E-06	0.712279	0.192	0.266	0.100081	CD4.Tcm	Faf1
Fndc3a	4.37E-06	0.780779	0.213	0.297	0.107096	CD4.Tcm	Fndc3a
Fchsd21	5.01E-06	0.580355	0.229	0.312	0.122791	CD4.Tcm	Fchsd2
Neat11	5.14E-06	0.564391	0.201	0.274	0.125753	CD4.Tcm	Neat1
Tnfaip31	5.98E-06	1.073328	0.337	0.36	0.146338	CD4.Tcm	Tnfaip3
Mbd2	6.37E-06	0.307784	0.393	0.545	0.156082	CD4.Tcm	Mbd2
Stk39	6.76E-06	1.06953	0.304	0.319	0.165516	CD4.Tcm	Stk39
Slc38a2	6.79E-06	0.495746	0.265	0.363	0.166252	CD4.Tcm	Slc38a2
Zswim61	7.02E-06	0.740769	0.196	0.269	0.171866	CD4.Tcm	Zswim6
Ggnbp2	7.45E-06	0.472774	0.314	0.44	0.182537	CD4.Tcm	Ggnbp2
Zfp638	7.57E-06	0.698727	0.226	0.312	0.185446	CD4.Tcm	Zfp638
Usp25	7.99E-06	0.565727	0.253	0.349	0.195721	CD4.Tcm	Usp25
Abi1	8.11E-06	0.608332	0.26	0.361	0.198661	CD4.Tcm	Abi1

Nr3c1	9.30E-06	1.089751	0.377	0.426	0.227838	CD4.Tcm	Nr3c1
Mier1	9.97E-06	0.478862	0.305	0.423	0.244223	CD4.Tcm	Mier1
Kcnn41	1.02E-05	0.484736	0.204	0.274	0.249208	CD4.Tcm	Kcnn4
Ldlrad41	1.12E-05	0.56432	0.277	0.374	0.273626	CD4.Tcm	Ldlrad4
Rsf1	1.23E-05	0.742371	0.21	0.292	0.302334	CD4.Tcm	Rsf1
Retreg12	1.39E-05	0.736484	0.22	0.301	0.341048	CD4.Tcm	Retreg1
Atp11b1	2.03E-05	0.547874	0.254	0.344	0.496904	CD4.Tcm	Atp11b
Sik3	2.35E-05	1.20235	0.314	0.34	0.57448	CD4.Tcm	Sik3
Phip	2.44E-05	0.66134	0.241	0.33	0.598244	CD4.Tcm	Phip
Il31ra	2.56E-05	0.485923	0.599	0.701	0.625785	CD4.Tcm	Il31ra
Acp52	2.80E-05	0.337954	0.294	0.392	0.684793	CD4.Tcm	Acp5
Chd71	3.01E-05	0.700671	0.216	0.294	0.737002	CD4.Tcm	Chd7
Pkn2	3.10E-05	0.743224	0.193	0.264	0.758258	CD4.Tcm	Pkn2
Agfg11	3.17E-05	0.680258	0.225	0.306	0.776841	CD4.Tcm	Agfg1
Aplp2	3.87E-05	0.461839	0.239	0.32	0.946969	CD4.Tcm	Aplp2
Tbl1xr1	4.58E-05	0.811563	0.229	0.314	1	CD4.Tcm	Tbl1xr1
Traf3ip31	4.61E-05	0.588053	0.252	0.342	1	CD4.Tcm	Traf3ip3
St8sia4	5.15E-05	1.05414	0.288	0.301	1	CD4.Tcm	St8sia4
Mark2	5.41E-05	0.680339	0.233	0.317	1	CD4.Tcm	Mark2
Pstpip11	5.67E-05	0.458782	0.279	0.375	1	CD4.Tcm	Pstpip1
Mxd42	5.93E-05	0.402159	0.25	0.329	1	CD4.Tcm	Mxd4
Psd4	6.33E-05	0.660071	0.212	0.284	1	CD4.Tcm	Psd4
Elf1	6.54E-05	0.354486	0.387	0.534	1	CD4.Tcm	Elf1
Atp9b	8.11E-05	0.789161	0.2	0.27	1	CD4.Tcm	Atp9b
Prkacb	8.18E-05	0.561596	0.237	0.318	1	CD4.Tcm	Prkacb
Atad2b	8.76E-05	0.794801	0.186	0.252	1	CD4.Tcm	Atad2b
Akna	0.000128	0.510836	0.304	0.413	1	CD4.Tcm	Akna
Tlk1	0.000138	0.72793	0.2	0.268	1	CD4.Tcm	Tlk1
Rcbtb21	0.000139	0.727434	0.226	0.305	1	CD4.Tcm	Rcbtb2
Aebp21	0.000142	0.741827	0.201	0.27	1	CD4.Tcm	Aebp2
Malt11	0.000152	0.976915	0.306	0.326	1	CD4.Tcm	Malt1
Zcchc7	0.000199	1.166159	0.322	0.358	1	CD4.Tcm	Zcchc7
Ube2h	0.000199	0.977131	0.341	0.379	1	CD4.Tcm	Ube2h
Pcmt11	0.000212	0.71169	0.201	0.268	1	CD4.Tcm	Pcmt1
Tsc22d31	0.000221	0.46681	0.278	0.366	1	CD4.Tcm	Tsc22d3
Ddx6	0.000253	0.553595	0.277	0.375	1	CD4.Tcm	Ddx6
Bptf	0.000256	0.610881	0.276	0.373	1	CD4.Tcm	Bptf
B4galt11	0.000257	0.657083	0.239	0.32	1	CD4.Tcm	B4galt1
Clk1	0.000264	0.679543	0.263	0.354	1	CD4.Tcm	Clk1
Prkcb1	0.000273	0.680248	0.26	0.344	1	CD4.Tcm	Prkcb
Nsmaf	0.000358	0.75318	0.217	0.288	1	CD4.Tcm	Nsmaf
Asxl1	0.000385	0.849772	0.194	0.26	1	CD4.Tcm	Asxl1
Zfp148	0.000391	0.764372	0.244	0.33	1	CD4.Tcm	Zfp148
Ikbkb	0.000395	0.76426	0.205	0.273	1	CD4.Tcm	Ikbkb

Snd11	0.000397	0.950677	0.223	0.302	1 CD4.Tcm	Snd1
Evl1	0.000407	0.324629	0.385	0.513	1 CD4.Tcm	Evl
Lyst	0.000417	1.176976	0.265	0.277	1 CD4.Tcm	Lyst
Pag11	0.000418	0.906046	0.348	0.381	1 CD4.Tcm	Pag1
Cnot1	0.000433	0.748891	0.191	0.254	1 CD4.Tcm	Cnot1
Rsrc1	0.000445	1.006525	0.217	0.293	1 CD4.Tcm	Rsrc1
Eif4a2	0.000463	0.478244	0.309	0.418	1 CD4.Tcm	Eif4a2
Trerf11	0.000489	0.985095	0.312	0.337	1 CD4.Tcm	Trerf1
Tnks2	0.000502	0.616289	0.259	0.344	1 CD4.Tcm	Tnks2
Kif21b	0.000624	0.612648	0.229	0.302	1 CD4.Tcm	Kif21b
Uvrag1	0.00063	0.800103	0.223	0.297	1 CD4.Tcm	Uvrag
Srgap21	0.000651	0.267808	0.272	0.344	1 CD4.Tcm	Srgap2
Ccny	0.000756	0.725234	0.199	0.26	1 CD4.Tcm	Ccny
Sema4d	0.00076	0.530036	0.377	0.514	1 CD4.Tcm	Sema4d
Epb41	0.000924	1.178329	0.241	0.251	1 CD4.Tcm	Epb41
Ranbp9	0.000929	0.842207	0.215	0.287	1 CD4.Tcm	Ranbp9
Lrch3	0.000935	0.945936	0.196	0.26	1 CD4.Tcm	Lrch3
Fbxl17	0.000958	1.29212	0.288	0.316	1 CD4.Tcm	Fbxl17
Zmynd8	0.00098	0.823341	0.193	0.255	1 CD4.Tcm	Zmynd8
Btg12	0.001025	0.275557	0.673	0.793	1 CD4.Tcm	Btg1
Ascc3	0.001135	0.805247	0.212	0.28	1 CD4.Tcm	Ascc3
Ogt	0.001161	0.985512	0.324	0.366	1 CD4.Tcm	Ogt
Senp6	0.001175	0.537926	0.314	0.425	1 CD4.Tcm	Senp6
Itpr1	0.001197	1.150667	0.265	0.282	1 CD4.Tcm	Itpr1
Ankhd1	0.001258	0.776183	0.213	0.281	1 CD4.Tcm	Ankhd1
Trip12	0.00126	0.736751	0.251	0.334	1 CD4.Tcm	Trip12
Tspan141	0.001516	0.79423	0.22	0.291	1 CD4.Tcm	Tspan14
Peak1	0.001705	0.969641	0.313	0.344	1 CD4.Tcm	Peak1
Nktr	0.001762	0.641064	0.28	0.374	1 CD4.Tcm	Nktr
Osbpl8	0.001793	0.910176	0.223	0.294	1 CD4.Tcm	Osbpl8
Il27ra2	0.001892	0.466706	0.282	0.365	1 CD4.Tcm	Il27ra
Xist1	0.00209	0.698406	0.363	0.381	1 CD4.Tcm	Xist
Arhgef3	0.002219	1.164637	0.272	0.293	1 CD4.Tcm	Arhgef3
Stk24	0.002366	0.621287	0.306	0.412	1 CD4.Tcm	Stk24
Ppp1r16b	0.002398	1.166155	0.272	0.292	1 CD4.Tcm	Ppp1r16b
Ipcef1	0.002622	0.872899	0.197	0.255	1 CD4.Tcm	Ipcef1
Spata13	0.002855	0.730844	0.236	0.308	1 CD4.Tcm	Spata13
Arhgef18	0.003165	1.062413	0.261	0.277	1 CD4.Tcm	Arhgef18
Usp34	0.003486	0.739503	0.252	0.332	1 CD4.Tcm	Usp34
Zdhhc182	0.003571	0.527857	0.285	0.374	1 CD4.Tcm	Zdhhc18
Zmynd11	0.003749	0.734722	0.236	0.308	1 CD4.Tcm	Zmynd11
Brd4	0.003864	0.535848	0.347	0.47	1 CD4.Tcm	Brd4
Pan31	0.003964	1.188143	0.275	0.302	1 CD4.Tcm	Pan3
Tecpr1	0.004104	0.953225	0.244	0.254	1 CD4.Tcm	Tecpr1

Fam107b	0.004319	0.622611	0.473	0.573	1 CD4.Tcm	Fam107b
Cdkn1b	0.004397	0.509866	0.252	0.323	1 CD4.Tcm	Cdkn1b
Jak1	0.004522	0.505678	0.531	0.653	1 CD4.Tcm	Jak1
Nup210	0.004549	0.689701	0.244	0.316	1 CD4.Tcm	Nup210
Tespa1	0.004642	0.88016	0.274	0.292	1 CD4.Tcm	Tespa1
Crebbp	0.005039	1.01446	0.29	0.322	1 CD4.Tcm	Crebbp
Herc4	0.005052	1.145761	0.286	0.316	1 CD4.Tcm	Herc4
Sptbn1	0.005087	0.539542	0.255	0.327	1 CD4.Tcm	Sptbn1
Nipbl	0.005278	0.801766	0.397	0.477	1 CD4.Tcm	Nipbl
Cytip1	0.005374	0.363788	0.397	0.52	1 CD4.Tcm	Cytip
Lrba1	0.005718	1.243023	0.249	0.267	1 CD4.Tcm	Lrba
Samhd11	0.006023	0.320778	0.425	0.544	1 CD4.Tcm	Samhd11
Abhd81	0.006032	0.460612	0.225	0.283	1 CD4.Tcm	Abhd8
Cdk17	0.006559	0.886954	0.352	0.408	1 CD4.Tcm	Cdk17
Cd961	0.006593	0.537427	0.221	0.278	1 CD4.Tcm	Cd96
Eif4g3	0.006802	0.684685	0.297	0.393	1 CD4.Tcm	Eif4g3
Rbms1	0.007154	0.570266	0.347	0.466	1 CD4.Tcm	Rbms1
Cnot4	0.007183	0.912266	0.252	0.333	1 CD4.Tcm	Cnot4
ltsn2	0.007841	0.712114	0.289	0.384	1 CD4.Tcm	ltsn2
Exoc41	0.008085	1.051171	0.359	0.423	1 CD4.Tcm	Exoc4
Mta3	0.00836	0.715449	0.28	0.37	1 CD4.Tcm	Mta3
Lrch11	0.008543	0.771427	0.275	0.361	1 CD4.Tcm	Lrch1
Emb	0.008819	0.634579	0.26	0.326	1 CD4.Tcm	Emb
Tbc1d10c2	0.009157	0.264865	0.43	0.562	1 CD4.Tcm	Tbc1d10c
SrpK2	0.009203	0.814329	0.22	0.281	1 CD4.Tcm	SrpK2
Iqgap2	0.009403	1.073075	0.277	0.304	1 CD4.Tcm	Iqgap2
Ankrd121	0.009639	0.805273	0.365	0.426	1 CD4.Tcm	Ankrd121
Klrb1c	0	5.183954	0.865	0.049	0 NK Act 1	Klrb1c
Ncr1	0	6.101457	0.84	0.024	0 NK Act 1	Ncr1
Klre1	0	4.34237	0.805	0.078	0 NK Act 1	Klre1
Gzma	0	4.988903	0.767	0.066	0 NK Act 1	Gzma
Klrk1	0	3.526996	0.842	0.15	0 NK Act 1	Klrk1
Fcer1g1	0	2.747519	0.968	0.306	0 NK Act 1	Fcer1g
Tyrobp1	0	2.728652	0.933	0.287	0 NK Act 1	Tyrobp
Klrd1	0	2.509821	0.829	0.237	0 NK Act 1	Klrd1
Txk	0	3.009812	0.664	0.133	0 NK Act 1	Txk
Ugcg	0	2.724156	0.667	0.209	0 NK Act 1	Ugcg
Clnk	0	2.924155	0.512	0.06	0 NK Act 1	Clnk
Prf1	0	4.151102	0.533	0.082	0 NK Act 1	Prf1
Klrb1f	0	4.294564	0.479	0.045	0 NK Act 1	Klrb1f
Cd244a	0	3.405505	0.502	0.086	0 NK Act 1	Cd244a
Klri2	0	6.095691	0.411	0.012	0 NK Act 1	Klri2
Car2	0	2.780961	0.484	0.092	0 NK Act 1	Car2
Klra8	0	7.32319	0.397	0.005	0 NK Act 1	Klra8

Klrb1b	0	4.895213	0.419	0.027	0	NK Act 1	Klrb1b
Eomes	0	4.285068	0.42	0.04	0	NK Act 1	Eomes
Klrb1a	0	5.289738	0.4	0.021	0	NK Act 1	Klrb1a
Sell	0	2.938753	0.458	0.09	0	NK Act 1	Sell
Klra7	0	3.375792	0.404	0.046	0	NK Act 1	Klra7
Samd3	0	2.591825	0.47	0.116	0	NK Act 1	Samd3
Serpinb9	0	3.33041	0.448	0.096	0	NK Act 1	Serpinb9
Serpinb6b	0	3.213378	0.432	0.093	0	NK Act 1	Serpinb6b
Klrc1	0	3.189351	0.425	0.088	0	NK Act 1	Klrc1
Adamts14	0	6.080521	0.344	0.009	0	NK Act 1	Adamts14
Klrc2	0	4.134742	0.365	0.033	0	NK Act 1	Klrc2
Klra9	0	4.860584	0.35	0.021	0	NK Act 1	Klra9
Nkg7	0	1.287719	0.965	0.642	0	NK Act 1	Nkg7
Klra4	0	7.099189	0.319	0.005	0	NK Act 1	Klra4
Il2rb1	0	1.556123	0.907	0.597	0	NK Act 1	Il2rb
Aoah	0	3.525466	0.342	0.053	0	NK Act 1	Aoah
Emid1	0	3.301862	0.294	0.043	0	NK Act 1	Emid1
Gas7	1.54E-296	3.202717	0.353	0.07	3.76E-292	NK Act 1	Gas7
Atp1b1	1.10E-282	2.201128	0.468	0.124	2.70E-278	NK Act 1	Atp1b1
Anxa2	1.45E-271	1.694916	0.794	0.446	3.56E-267	NK Act 1	Anxa2
Ilgax1	1.46E-267	3.084723	0.35	0.076	3.57E-263	NK Act 1	Ilgax
Ctla2b	1.41E-259	2.889606	0.417	0.115	3.44E-255	NK Act 1	Ctla2b
Cd7	9.22E-239	1.551056	0.655	0.262	2.26E-234	NK Act 1	Cd7
Gem	1.82E-238	2.617368	0.427	0.125	4.46E-234	NK Act 1	Gem
1700025G04	1.11E-214	2.532783	0.397	0.119	2.71E-210	NK Act 1	1700025G04Rik
AW112010	9.17E-214	0.966513	0.967	0.871	2.25E-209	NK Act 1	AW112010
Tnfsf12	1.84E-206	3.09714	0.282	0.063	4.50E-202	NK Act 1	Tnfsf12
Ctla2a1	1.44E-193	1.783093	0.686	0.38	3.52E-189	NK Act 1	Ctla2a
Setbp1	7.47E-191	2.471818	0.293	0.069	1.83E-186	NK Act 1	Setbp1
Gzmb	1.19E-185	1.944107	0.463	0.163	2.93E-181	NK Act 1	Gzmb
Ctsw	1.42E-179	0.919718	0.939	0.696	3.49E-175	NK Act 1	Ctsw
Xcl1	1.52E-173	1.430413	0.636	0.321	3.73E-169	NK Act 1	Xcl1
Lat2	5.22E-169	2.255866	0.394	0.14	1.28E-164	NK Act 1	Lat2
Rbpms	1.01E-168	2.739937	0.282	0.074	2.47E-164	NK Act 1	Rbpms
Chsy1	2.95E-165	2.096008	0.467	0.196	7.21E-161	NK Act 1	Chsy1
Ccl5	3.81E-162	1.244378	0.913	0.684	9.33E-158	NK Act 1	Ccl5
Vps37b	8.22E-161	1.763403	0.601	0.321	2.01E-156	NK Act 1	Vps37b
Ptpcr	1.96E-158	0.816698	0.946	0.846	4.81E-154	NK Act 1	Ptpcr
Il18rap	1.92E-153	2.028267	0.422	0.165	4.70E-149	NK Act 1	Il18rap
Sulf2	3.03E-149	2.067975	0.385	0.143	7.41E-145	NK Act 1	Sulf2
Gm2682	6.70E-149	1.116424	0.737	0.431	1.64E-144	NK Act 1	Gm2682
Anxa1	5.49E-148	2.047593	0.345	0.114	1.35E-143	NK Act 1	Anxa1
Arsb	6.66E-145	1.672524	0.563	0.299	1.63E-140	NK Act 1	Arsb
Ccr2	6.90E-144	1.690463	0.459	0.19	1.69E-139	NK Act 1	Ccr2

Klf2	4.68E-142	1.80828	0.456	0.195	1.15E-137	NK Act 1	Klf2
Irf81	7.21E-133	1.826237	0.498	0.244	1.76E-128	NK Act 1	Irf8
Il12rb2	4.20E-121	1.877627	0.372	0.149	1.03E-116	NK Act 1	Il12rb2
Tmsb101	5.92E-119	0.532411	0.985	0.963	1.45E-114	NK Act 1	Tmsb10
Satb1	8.16E-117	1.51364	0.444	0.203	2.00E-112	NK Act 1	Satb1
Fasl1	1.37E-109	1.23513	0.559	0.303	3.37E-105	NK Act 1	Fasl
Cd91	2.61E-103	0.723099	0.518	0.247	6.40E-99	NK Act 1	Cd9
Stat4	6.73E-103	1.184041	0.619	0.393	1.65E-98	NK Act 1	Stat4
Atp8b41	1.16E-98	1.380988	0.449	0.227	2.83E-94	NK Act 1	Atp8b4
Tbx21	2.66E-97	1.437422	0.48	0.26	6.51E-93	NK Act 1	Tbx21
Hsd11b1	6.46E-96	1.397128	0.514	0.296	1.58E-91	NK Act 1	Hsd11b1
Efhd21	3.67E-95	1.026067	0.676	0.495	8.99E-91	NK Act 1	Efhd2
Sytl3	4.81E-93	1.710342	0.389	0.188	1.18E-88	NK Act 1	Sytl3
Itgb11	5.70E-93	0.789345	0.788	0.605	1.40E-88	NK Act 1	Itgb1
Jak11	9.08E-93	1.002897	0.748	0.623	2.22E-88	NK Act 1	Jak1
Ripor21	3.46E-87	1.226807	0.569	0.36	8.47E-83	NK Act 1	Ripor2
Lrrk11	4.45E-84	1.600206	0.369	0.181	1.09E-79	NK Act 1	Lrrk1
Pglyrp11	4.76E-84	0.982524	0.601	0.388	1.17E-79	NK Act 1	Pglyrp1
Pfn1	2.84E-81	0.400506	0.982	0.959	6.95E-77	NK Act 1	Pfn1
Selplg1	4.74E-81	0.57979	0.897	0.81	1.16E-76	NK Act 1	Selplg
Myl6	2.30E-79	0.528439	0.941	0.896	5.63E-75	NK Act 1	Myl6
Rnf1301	4.40E-78	1.144401	0.496	0.293	1.08E-73	NK Act 1	Rnf130
Kcnq5	4.92E-76	1.139693	0.365	0.178	1.20E-71	NK Act 1	Kcnq5
Dok2	3.95E-75	1.370674	0.451	0.264	9.68E-71	NK Act 1	Dok2
Rpl10	5.41E-69	0.490636	0.946	0.919	1.33E-64	NK Act 1	Rpl10
Plek1	1.57E-67	1.38295	0.389	0.214	3.84E-63	NK Act 1	Plek
Gm19585	9.10E-67	1.42859	0.352	0.182	2.23E-62	NK Act 1	Gm19585
Lax1	1.69E-66	1.124319	0.439	0.254	4.14E-62	NK Act 1	Lax1
Mctp2	9.82E-66	1.495961	0.285	0.129	2.40E-61	NK Act 1	Mctp2
Bcl21	1.32E-65	0.591107	0.655	0.458	3.24E-61	NK Act 1	Bcl2
Dapk2	4.46E-65	1.584544	0.266	0.117	1.09E-60	NK Act 1	Dapk2
Tm6sf11	8.20E-64	1.458617	0.376	0.211	2.01E-59	NK Act 1	Tm6sf1
Tpm4	4.13E-62	1.131974	0.53	0.368	1.01E-57	NK Act 1	Tpm4
Ms4a4b1	3.33E-61	0.489887	0.924	0.748	8.17E-57	NK Act 1	Ms4a4b
Dennd4a	5.87E-61	0.855198	0.693	0.55	1.44E-56	NK Act 1	Dennd4a
Sh2d2a2	6.32E-61	0.944114	0.619	0.463	1.55E-56	NK Act 1	Sh2d2a
Padi21	1.54E-60	1.162023	0.419	0.247	3.78E-56	NK Act 1	Padi2
Id21	2.81E-58	0.498643	0.841	0.696	6.87E-54	NK Act 1	Id2
Tagln2	9.73E-56	0.633941	0.769	0.641	2.38E-51	NK Act 1	Tagln2
Mir142hg	7.52E-54	0.749858	0.732	0.63	1.84E-49	NK Act 1	Mir142hg
Ifngr11	4.53E-53	0.532692	0.847	0.726	1.11E-48	NK Act 1	Ifngr1
Ccr51	3.14E-52	1.097604	0.45	0.29	7.68E-48	NK Act 1	Ccr5
Cd47	2.67E-50	0.614765	0.764	0.68	6.53E-46	NK Act 1	Cd47
Rin3	1.64E-49	1.249751	0.383	0.238	4.02E-45	NK Act 1	Rin3

Gpr171	2.13E-49	1.37303	0.327	0.185	5.22E-45	NK Act 1	Gpr171
Tnfrsf91	2.64E-49	0.820485	0.323	0.167	6.47E-45	NK Act 1	Tnfrsf9
Gimap52	8.74E-49	0.7706	0.608	0.46	2.14E-44	NK Act 1	Gimap5
Ifitm101	1.49E-48	0.984926	0.446	0.287	3.64E-44	NK Act 1	Ifitm10
Dusp21	1.75E-48	0.73215	0.674	0.525	4.28E-44	NK Act 1	Dusp2
Ostf1	3.18E-48	0.752495	0.639	0.532	7.79E-44	NK Act 1	Ostf1
Cers61	4.23E-48	1.541202	0.254	0.128	1.04E-43	NK Act 1	Cers6
Bcl2l11	4.34E-48	1.440851	0.315	0.175	1.06E-43	NK Act 1	Bcl2l11
H2afz1	1.84E-47	0.407707	0.856	0.734	4.51E-43	NK Act 1	H2afz
Il18r1	2.92E-47	0.919074	0.413	0.256	7.15E-43	NK Act 1	Il18r1
Zbtb201	7.29E-47	0.790861	0.582	0.437	1.78E-42	NK Act 1	Zbtb20
Lgals1	4.77E-46	0.618963	0.795	0.685	1.17E-41	NK Act 1	Lgals1
11-Sep	3.00E-45	1.230242	0.341	0.205	7.35E-41	NK Act 1	11-Sep
Neur13	4.42E-45	1.31393	0.351	0.213	1.08E-40	NK Act 1	Neur13
Pim2	2.60E-44	1.365505	0.322	0.186	6.36E-40	NK Act 1	Pim2
Sub11	7.09E-43	0.486621	0.841	0.775	1.74E-38	NK Act 1	Sub1
Ubald2	8.97E-43	0.941574	0.517	0.391	2.20E-38	NK Act 1	Ubald2
Reep51	2.31E-42	0.611122	0.721	0.622	5.66E-38	NK Act 1	Reep5
Lrmda1	1.02E-41	0.560757	0.356	0.204	2.50E-37	NK Act 1	Lrmda
Rps111	3.97E-40	0.267475	0.978	0.964	9.72E-36	NK Act 1	Rps11
Serpina3g1	4.47E-39	0.798874	0.456	0.313	1.09E-34	NK Act 1	Serpina3g
Grcc10	5.71E-39	0.584821	0.77	0.733	1.40E-34	NK Act 1	Grcc10
Zyx1	3.27E-38	0.690573	0.634	0.527	8.00E-34	NK Act 1	Zyx
12-Sep	5.72E-37	0.425862	0.816	0.708	1.40E-32	NK Act 1	1-Sep
Bach2	9.10E-37	0.875004	0.355	0.224	2.23E-32	NK Act 1	Bach2
Serf2	2.79E-36	0.334262	0.932	0.895	6.84E-32	NK Act 1	Serf2
Sptbn11	4.47E-36	1.006157	0.424	0.306	1.10E-31	NK Act 1	Sptbn1
Itgb21	5.81E-36	0.606269	0.729	0.67	1.42E-31	NK Act 1	Itgb2
Adgre51	1.56E-34	0.698611	0.639	0.535	3.83E-30	NK Act 1	Adgre5
Btg13	5.97E-34	0.408852	0.826	0.769	1.46E-29	NK Act 1	Btg1
Shisa52	8.99E-34	0.307516	0.926	0.895	2.20E-29	NK Act 1	Shisa5
Ahnak1	1.14E-33	0.59392	0.682	0.571	2.79E-29	NK Act 1	Ahnak
Gm433051	1.83E-33	1.013617	0.352	0.23	4.48E-29	NK Act 1	Gm43305
Ppp3cc1	5.75E-33	0.677777	0.502	0.379	1.41E-28	NK Act 1	Ppp3cc
Cst7	1.23E-32	0.748998	0.504	0.387	3.01E-28	NK Act 1	Cst7
Cox8a	1.55E-31	0.279106	0.932	0.907	3.79E-27	NK Act 1	Cox8a
Evl2	3.36E-31	0.626209	0.585	0.484	8.22E-27	NK Act 1	Evl
Arl6ip5	3.24E-30	0.626196	0.619	0.539	7.94E-26	NK Act 1	Arl6ip5
Sh2d1a2	1.14E-29	0.84595	0.409	0.292	2.78E-25	NK Act 1	Sh2d1a
Pik3r11	3.33E-29	0.900074	0.433	0.331	8.16E-25	NK Act 1	Pik3r1
Gsap1	3.33E-28	1.327558	0.287	0.189	8.14E-24	NK Act 1	Gsap
Runx31	4.05E-28	0.92316	0.43	0.329	9.93E-24	NK Act 1	Runx3
Dusp51	7.45E-28	1.015867	0.318	0.21	1.82E-23	NK Act 1	Dusp5
Tmem2431	7.80E-28	1.015541	0.369	0.269	1.91E-23	NK Act 1	Tmem243

Mylip1	1.64E-27	0.902488	0.334	0.222	4.02E-23	NK Act 1	Mylip
Gpr18	2.43E-27	1.158916	0.275	0.174	5.95E-23	NK Act 1	Gpr18
AB124611	9.55E-27	1.252347	0.259	0.164	2.34E-22	NK Act 1	AB124611
Il2rg2	1.44E-26	0.358142	0.812	0.755	3.54E-22	NK Act 1	Il2rg
Myo1f1	1.72E-26	0.626718	0.562	0.471	4.22E-22	NK Act 1	Myo1f
Prkcb2	1.91E-26	0.780902	0.425	0.322	4.67E-22	NK Act 1	Prkcb
Sema4a1	8.12E-26	0.714047	0.432	0.324	1.99E-21	NK Act 1	Sema4a
Lpcat4	2.40E-25	1.104364	0.252	0.157	5.87E-21	NK Act 1	Lpcat4
Grina	4.53E-25	0.739169	0.518	0.439	1.11E-20	NK Act 1	Grina
Esyt1	7.47E-25	0.659681	0.526	0.44	1.83E-20	NK Act 1	Esyt1
Irak21	1.45E-24	1.061741	0.297	0.203	3.55E-20	NK Act 1	Irak2
Arpc3	2.08E-24	0.361896	0.798	0.741	5.10E-20	NK Act 1	Arpc3
Atp11b2	5.29E-24	0.832078	0.416	0.322	1.30E-19	NK Act 1	Atp11b
Pik3r5	1.09E-23	1.016662	0.298	0.203	2.66E-19	NK Act 1	Pik3r5
Gimap63	1.23E-23	0.380569	0.732	0.636	3.02E-19	NK Act 1	Gimap6
Cdc42	4.30E-23	0.355658	0.82	0.772	1.05E-18	NK Act 1	Cdc42
Bhlhe401	7.19E-22	0.694763	0.397	0.294	1.76E-17	NK Act 1	Bhlhe40
Gng5	1.03E-21	0.336935	0.847	0.795	2.53E-17	NK Act 1	Gng5
Calm21	5.21E-21	0.410773	0.7	0.639	1.28E-16	NK Act 1	Calm2
Mgat52	1.31E-20	0.726218	0.325	0.236	3.20E-16	NK Act 1	Mgat5
Gimap42	1.67E-19	0.266353	0.809	0.707	4.09E-15	NK Act 1	Gimap4
Mef2a1	1.94E-19	0.532194	0.456	0.366	4.75E-15	NK Act 1	Mef2a
St3gal41	4.44E-19	0.909143	0.322	0.242	1.09E-14	NK Act 1	St3gal4
Peak11	8.97E-19	0.683898	0.416	0.332	2.20E-14	NK Act 1	Peak1
Osbpl3	1.29E-18	0.601453	0.385	0.296	3.15E-14	NK Act 1	Osbpl3
Junb1	5.38E-18	0.354407	0.75	0.685	1.32E-13	NK Act 1	Junb
Tut4	8.83E-18	0.631654	0.48	0.406	2.16E-13	NK Act 1	Tut4
Unc1191	1.82E-17	0.959956	0.296	0.22	4.47E-13	NK Act 1	Unc119
Ptpre1	2.20E-17	1.005914	0.31	0.238	5.38E-13	NK Act 1	Ptpre
Itgal1	7.30E-17	0.47629	0.56	0.502	1.79E-12	NK Act 1	Itgal
Al5068161	3.64E-16	1.124302	0.257	0.187	8.91E-12	NK Act 1	Al506816
Rpl381	8.65E-16	0.281646	0.911	0.897	2.12E-11	NK Act 1	Rpl38
Lrrfip11	1.04E-15	0.602685	0.5	0.452	2.54E-11	NK Act 1	Lrrfip1
Spn	1.17E-15	0.805789	0.362	0.292	2.87E-11	NK Act 1	Spn
Ikzf3	1.20E-15	0.298639	0.61	0.522	2.94E-11	NK Act 1	Ikzf3
B4galnt11	1.92E-15	0.376431	0.641	0.59	4.70E-11	NK Act 1	B4galnt1
Ablim11	2.76E-15	0.408421	0.563	0.49	6.75E-11	NK Act 1	Ablim1
Cd160	9.02E-15	0.587464	0.288	0.207	2.21E-10	NK Act 1	Cd160
Pitpnc11	1.13E-14	0.390812	0.544	0.494	2.76E-10	NK Act 1	Pitpnc1
Bin2	1.63E-14	0.433631	0.617	0.568	3.99E-10	NK Act 1	Bin2
Tab21	1.66E-14	0.736262	0.391	0.333	4.07E-10	NK Act 1	Tab2
Slamf71	2.60E-14	0.711978	0.326	0.251	6.36E-10	NK Act 1	Slamf7
H2-Q6	3.16E-14	0.3121	0.677	0.634	7.73E-10	NK Act 1	H2-Q6
Neat12	6.37E-14	0.783396	0.326	0.257	1.56E-09	NK Act 1	Neat1

Ier21	6.86E-14	0.666	0.448	0.384	1.68E-09	NK Act 1	Ier2
Arhgef181	1.02E-13	0.724527	0.336	0.269	2.50E-09	NK Act 1	Arhgef18
Iqgap1	1.11E-13	0.43969	0.556	0.507	2.72E-09	NK Act 1	Iqgap1
Capzb	3.00E-13	0.252441	0.799	0.773	7.35E-09	NK Act 1	Capzb
Sqstm1	4.61E-13	0.449187	0.571	0.536	1.13E-08	NK Act 1	Sqstm1
Tln1	5.01E-13	0.463126	0.561	0.527	1.23E-08	NK Act 1	Tln1
Ccl4	7.69E-13	0.921516	0.289	0.219	1.88E-08	NK Act 1	Ccl4
Lpp	8.52E-13	0.549538	0.326	0.259	2.09E-08	NK Act 1	Lpp
Spata131	8.79E-13	0.677349	0.353	0.292	2.15E-08	NK Act 1	Spata13
Klhl61	9.13E-13	0.816569	0.331	0.274	2.24E-08	NK Act 1	Klhl6
Plp2	1.60E-12	0.619233	0.355	0.289	3.93E-08	NK Act 1	Plp2
Rhoa	1.80E-12	0.277057	0.768	0.736	4.41E-08	NK Act 1	Rhoa
Sppl31	2.32E-12	0.670561	0.363	0.308	5.68E-08	NK Act 1	Sppl3
Camk2n1	2.75E-12	0.648361	0.305	0.236	6.74E-08	NK Act 1	Camk2n1
Arhgap451	2.99E-12	0.289486	0.727	0.708	7.31E-08	NK Act 1	Arhgap45
Ncf41	3.69E-12	0.764191	0.38	0.333	9.03E-08	NK Act 1	Ncf4
Rgs31	4.64E-12	0.66911	0.333	0.272	1.14E-07	NK Act 1	Rgs3
Lta4h	6.02E-12	0.613949	0.399	0.347	1.47E-07	NK Act 1	Lta4h
Cep851	7.07E-12	1.049274	0.25	0.192	1.73E-07	NK Act 1	Cep85
Dad1	7.48E-12	0.308623	0.737	0.721	1.83E-07	NK Act 1	Dad1
Emb1	7.75E-12	0.735788	0.37	0.31	1.90E-07	NK Act 1	Emb
Cyfp21	9.34E-12	0.461723	0.444	0.39	2.29E-07	NK Act 1	Cyfp2
Pycard1	9.91E-12	0.445321	0.544	0.501	2.43E-07	NK Act 1	Pycard
Fam49b1	1.78E-11	0.335211	0.645	0.622	4.36E-07	NK Act 1	Fam49b
Prex1	4.67E-11	0.519531	0.509	0.479	1.14E-06	NK Act 1	Prex1
Itga41	4.97E-11	0.526515	0.523	0.488	1.22E-06	NK Act 1	Itga4
Gramd1a2	6.39E-11	0.627244	0.418	0.375	1.56E-06	NK Act 1	Gramd1a
Macf12	8.65E-11	0.359661	0.587	0.554	2.12E-06	NK Act 1	Macf1
Cd371	1.29E-10	0.252179	0.737	0.719	3.15E-06	NK Act 1	Cd37
Rasa3	1.88E-10	0.783453	0.278	0.224	4.60E-06	NK Act 1	Rasa3
Tmbim42	2.09E-10	0.68378	0.363	0.318	5.11E-06	NK Act 1	Tmbim4
Sh2d3c2	2.92E-10	0.718613	0.291	0.235	7.16E-06	NK Act 1	Sh2d3c
Il10rb1	4.29E-10	0.632382	0.387	0.343	1.05E-05	NK Act 1	Il10rb
Chn21	4.47E-10	0.523077	0.388	0.329	1.09E-05	NK Act 1	Chn2
Gimap81	4.69E-10	0.423598	0.451	0.398	1.15E-05	NK Act 1	Gimap8
Tbc1d10c3	7.56E-10	0.280319	0.584	0.537	1.85E-05	NK Act 1	Tbc1d10c
Tmod3	7.74E-10	0.674767	0.347	0.305	1.90E-05	NK Act 1	Tmod3
Cd531	8.98E-10	0.351425	0.598	0.569	2.20E-05	NK Act 1	Cd53
Baz2b2	1.02E-09	0.659439	0.282	0.229	2.49E-05	NK Act 1	Baz2b
Ubac21	1.04E-09	0.473201	0.479	0.446	2.54E-05	NK Act 1	Ubac2
Cblb1	1.31E-09	0.444721	0.43	0.379	3.20E-05	NK Act 1	Cblb
Cln3	1.49E-09	0.708093	0.278	0.227	3.65E-05	NK Act 1	Cln3
Ier51	2.94E-09	0.497253	0.413	0.365	7.20E-05	NK Act 1	Ier5
Slc38a21	3.05E-09	0.556204	0.387	0.343	7.48E-05	NK Act 1	Slc38a2

Eif5a	3.29E-09	0.260352	0.732	0.722	8.07E-05	NK Act 1	Eif5a
Acap12	9.57E-09	0.422105	0.435	0.39	0.000234	NK Act 1	Acap1
Atp2a3	1.95E-08	0.701105	0.285	0.239	0.000477	NK Act 1	Atp2a3
Nup2101	2.51E-08	0.51056	0.346	0.3	0.000614	NK Act 1	Nup210
Acot71	3.49E-08	0.66915	0.303	0.26	0.000855	NK Act 1	Acot7
Card19	5.46E-08	0.733819	0.288	0.248	0.001338	NK Act 1	Card19
Lasp1	6.91E-08	0.571783	0.367	0.33	0.001691	NK Act 1	Lasp1
Card11	1.05E-07	0.461897	0.292	0.242	0.002565	NK Act 1	Card11
Sec11c	1.51E-07	0.321336	0.561	0.545	0.003701	NK Act 1	Sec11c
Rab8a1	1.82E-07	0.533129	0.427	0.405	0.004451	NK Act 1	Rab8a
Ptk2b	1.96E-07	0.472335	0.45	0.427	0.004797	NK Act 1	Ptk2b
Arap2	2.15E-07	0.568588	0.282	0.234	0.005261	NK Act 1	Arap2
Ybx3	2.20E-07	0.557032	0.333	0.292	0.005376	NK Act 1	Ybx3
Zeb21	2.21E-07	0.539059	0.317	0.264	0.005416	NK Act 1	Zeb2
Nfatc12	2.25E-07	0.551458	0.381	0.348	0.005499	NK Act 1	Nfatc1
Otulin	2.35E-07	0.731801	0.289	0.253	0.005755	NK Act 1	Otulin
Ppil2	2.77E-07	0.637333	0.324	0.29	0.006772	NK Act 1	Ppil2
Nptn2	3.43E-07	0.525689	0.416	0.393	0.008403	NK Act 1	Nptn
Srsf5	3.52E-07	0.336638	0.586	0.576	0.008627	NK Act 1	Srsf5
Vasp1	3.56E-07	0.382251	0.52	0.507	0.00873	NK Act 1	Vasp
Oxr11	4.52E-07	0.756508	0.252	0.212	0.01106	NK Act 1	Oxr1
Mob3a	5.00E-07	0.445464	0.377	0.339	0.012245	NK Act 1	Mob3a
Agpat3	5.07E-07	0.620111	0.331	0.299	0.012428	NK Act 1	Agpat3
Polr2e	5.55E-07	0.430249	0.406	0.375	0.013593	NK Act 1	Polr2e
Cap1	6.40E-07	0.30795	0.594	0.586	0.015675	NK Act 1	Cap1
St3gal62	6.92E-07	0.410079	0.357	0.312	0.01694	NK Act 1	St3gal6
Sep-62	7.85E-07	0.354762	0.439	0.403	0.019218	NK Act 1	6-Sep
Pdcd10	9.38E-07	0.488027	0.426	0.409	0.022959	NK Act 1	Pdcd10
Kpna41	9.51E-07	0.398358	0.493	0.48	0.02328	NK Act 1	Kpna4
Malt12	1.04E-06	0.487755	0.356	0.32	0.025519	NK Act 1	Malt1
B3gat3	1.31E-06	0.75874	0.26	0.227	0.032078	NK Act 1	B3gat3
Nedd4	1.35E-06	0.373595	0.25	0.2	0.033007	NK Act 1	Nedd4
Polr2i	1.35E-06	0.730832	0.268	0.236	0.033043	NK Act 1	Polr2i
Gimap92	1.40E-06	0.386057	0.386	0.349	0.034215	NK Act 1	Gimap9
Arf41	1.40E-06	0.451894	0.476	0.466	0.034298	NK Act 1	Arf4
Cmc1	1.90E-06	0.525586	0.373	0.351	0.046566	NK Act 1	Cmc1
Btg21	2.10E-06	0.345555	0.541	0.51	0.051312	NK Act 1	Btg2
Ptbp31	2.40E-06	0.38212	0.489	0.474	0.058727	NK Act 1	Ptbp3
Lrp101	3.00E-06	0.362714	0.471	0.455	0.073511	NK Act 1	Lrp10
Lfng1	4.84E-06	0.529756	0.385	0.366	0.118462	NK Act 1	Lfng
Zmiz12	5.06E-06	0.459803	0.384	0.361	0.123794	NK Act 1	Zmiz1
Me2	5.15E-06	0.754755	0.252	0.22	0.126018	NK Act 1	Me2
Ighm2	6.56E-06	0.38924	0.273	0.229	0.160652	NK Act 1	Ighm
Sdcbp1	6.76E-06	0.409937	0.447	0.432	0.165603	NK Act 1	Sdcbp

Fyn1	8.52E-06	0.271037	0.56	0.556	0.208688	NK Act 1	Fyn
Os9	9.42E-06	0.400682	0.424	0.402	0.230695	NK Act 1	Os9
Birc32	9.43E-06	0.609281	0.307	0.278	0.23084	NK Act 1	Birc3
Rhof1	1.01E-05	0.50296	0.29	0.253	0.246524	NK Act 1	Rhof
Fryl1	1.47E-05	0.280968	0.467	0.453	0.360372	NK Act 1	Fryl
Ptpn61	1.56E-05	0.547347	0.38	0.36	0.38167	NK Act 1	Ptpn6
Slc50a11	1.68E-05	0.394036	0.43	0.411	0.411697	NK Act 1	Slc50a1
Plekha21	1.85E-05	0.566716	0.299	0.271	0.453481	NK Act 1	Plekha2
Stk241	2.15E-05	0.354807	0.414	0.393	0.526051	NK Act 1	Stk24
Arhgap261	2.19E-05	0.313603	0.35	0.314	0.537185	NK Act 1	Arhgap26
Zbtb7a	2.88E-05	0.512156	0.317	0.292	0.705018	NK Act 1	Zbtb7a
Ipcef11	4.15E-05	0.421777	0.278	0.243	1	NK Act 1	Ipcef1
Arf61	4.86E-05	0.326787	0.495	0.489	1	NK Act 1	Arf6
Lnpep	7.51E-05	0.355457	0.446	0.436	1	NK Act 1	Lnpep
Add11	7.72E-05	0.454929	0.336	0.315	1	NK Act 1	Add1
Tes1	8.81E-05	0.381596	0.439	0.43	1	NK Act 1	Tes
Ywhaq	0.000103	0.658654	0.273	0.252	1	NK Act 1	Ywhaq
Atp1b3	0.000119	0.296984	0.493	0.489	1	NK Act 1	Atp1b3
Ezr	0.00017	0.3791	0.444	0.429	1	NK Act 1	Ezr
Mrpl30	0.000179	0.333763	0.48	0.476	1	NK Act 1	Mrpl30
Ift20	0.000181	0.512859	0.316	0.299	1	NK Act 1	Ift20
Dennd1b	0.000207	0.394306	0.351	0.331	1	NK Act 1	Dennd1b
Sipa1	0.000208	0.466855	0.352	0.339	1	NK Act 1	Sipa1
Elf41	0.000252	0.434543	0.331	0.313	1	NK Act 1	Elf4
Ppm1b	0.000261	0.587858	0.256	0.233	1	NK Act 1	Ppm1b
1810058l2	0.000262	0.345584	0.437	0.431	1	NK Act 1	1810058l24Rik
Sesn1	0.000299	0.562889	0.259	0.233	1	NK Act 1	Sesn1
Rchy11	0.000299	0.431217	0.324	0.304	1	NK Act 1	Rchy1
Tmed51	0.000315	0.458715	0.358	0.349	1	NK Act 1	Tmed5
Cul31	0.000322	0.395027	0.345	0.325	1	NK Act 1	Cul3
D16Ertd47e	0.000323	0.431084	0.268	0.24	1	NK Act 1	D16Ertd472e
Tax1bp1	0.000401	0.345767	0.491	0.489	1	NK Act 1	Tax1bp1
Dph3	0.000417	0.53104	0.296	0.281	1	NK Act 1	Dph3
Pim11	0.000424	0.343412	0.403	0.386	1	NK Act 1	Pim1
Cetn2	0.000467	0.597775	0.263	0.242	1	NK Act 1	Cetn2
Mob4	0.000543	0.490922	0.306	0.292	1	NK Act 1	Mob4
Fgfr1op2	0.000548	0.323584	0.418	0.404	1	NK Act 1	Fgfr1op2
Arpc5l	0.00068	0.463852	0.382	0.381	1	NK Act 1	Arpc5l
Rp9	0.000784	0.283229	0.475	0.479	1	NK Act 1	Rp9
Cuta	0.000827	0.345331	0.47	0.483	1	NK Act 1	Cuta
Tmem30a	0.000856	0.466154	0.362	0.357	1	NK Act 1	Tmem30a
Nck11	0.001003	0.537038	0.259	0.237	1	NK Act 1	Nck1
Rap1b1	0.00102	0.253794	0.722	0.738	1	NK Act 1	Rap1b
Bcap31	0.001168	0.293291	0.47	0.479	1	NK Act 1	Bcap31

Oip5os1	0.001238	0.435234	0.315	0.302	1 NK Act 1	Oip5os1
Usp3	0.001253	0.464554	0.275	0.255	1 NK Act 1	Usp3
Nme1	0.00133	0.268975	0.526	0.526	1 NK Act 1	Nme1
Pdcd6ip	0.001446	0.440674	0.371	0.37	1 NK Act 1	Pdcd6ip
Tle4	0.0015	0.489567	0.256	0.234	1 NK Act 1	Tle4
Gatad2a1	0.00155	0.440952	0.281	0.264	1 NK Act 1	Gatad2a
Ccdc88c1	0.0021	0.359116	0.348	0.33	1 NK Act 1	Ccdc88c
St8sia41	0.002425	0.287539	0.322	0.297	1 NK Act 1	St8sia4
Xrn2	0.002528	0.48484	0.383	0.389	1 NK Act 1	Xrn2
Nab1	0.002582	0.544961	0.277	0.261	1 NK Act 1	Nab1
Dpm3	0.002792	0.37568	0.399	0.399	1 NK Act 1	Dpm3
Dnajc1	0.003037	0.328183	0.408	0.404	1 NK Act 1	Dnajc1
Mknk2	0.003391	0.586069	0.281	0.271	1 NK Act 1	Mknk2
Trappc4	0.003859	0.508701	0.338	0.334	1 NK Act 1	Trappc4
Prkacb1	0.006226	0.355736	0.315	0.304	1 NK Act 1	Prkacb
Diaph1	0.008533	0.288948	0.369	0.366	1 NK Act 1	Diaph1
Tapbpl	0.009461	0.483415	0.283	0.273	1 NK Act 1	Tapbpl
Ppp2r5a1	0.009632	0.349401	0.349	0.345	1 NK Act 1	Ppp2r5a
Phb2	0.009885	0.307494	0.398	0.4	1 NK Act 1	Phb2
Klrd11	0	1.964664	0.808	0.25	0 NK Act 2	Klrd1
Klra71	0	3.153706	0.41	0.053	0 NK Act 2	Klra7
Klra1	0	4.064289	0.337	0.025	0 NK Act 2	Klra1
Cd72	4.45E-297	2.292827	0.731	0.265	1.09E-292 NK Act 2	Cd7
Klrk11	5.54E-245	1.93271	0.583	0.181	1.36E-240 NK Act 2	Klrk1
Ly6c21	7.23E-245	1.72495	0.778	0.34	1.77E-240 NK Act 2	Ly6c2
Klre11	1.77E-195	1.687923	0.439	0.116	4.33E-191 NK Act 2	Klre1
Txk1	5.92E-195	1.732249	0.502	0.154	1.45E-190 NK Act 2	Txk
Tmsb102	3.70E-193	0.760928	0.997	0.962	9.05E-189 NK Act 2	Tmsb10
Klrb1c1	6.88E-186	1.439272	0.395	0.096	1.68E-181 NK Act 2	Klrb1c
Xcl11	2.57E-176	1.235468	0.717	0.321	6.30E-172 NK Act 2	Xcl1
Cd1601	1.43E-171	1.80383	0.528	0.193	3.50E-167 NK Act 2	Cd160
Gm26822	4.81E-143	1.002738	0.794	0.433	1.18E-138 NK Act 2	Gm2682
Il2rb2	7.00E-129	1.007794	0.858	0.606	1.71E-124 NK Act 2	Il2rb
Klrc11	2.88E-124	2.029581	0.328	0.1	7.06E-120 NK Act 2	Klrc1
Rps241	4.92E-121	0.474227	0.995	0.978	1.20E-116 NK Act 2	Rps24
Fcer1g2	5.18E-112	0.812584	0.704	0.336	1.27E-107 NK Act 2	Fcer1g
Rps71	3.68E-109	0.48011	0.994	0.964	9.01E-105 NK Act 2	Rps7
Ctsw2	3.50E-108	0.759463	0.938	0.701	8.56E-104 NK Act 2	Ctsw
Samd31	1.57E-102	1.530987	0.363	0.13	3.84E-98 NK Act 2	Samd3
Rps3a11	2.73E-101	0.445893	0.994	0.965	6.68E-97 NK Act 2	Rps3a1
Rpl231	2.81E-101	0.467369	0.994	0.965	6.89E-97 NK Act 2	Rpl23
Rpl131	5.08E-101	0.432839	0.998	0.977	1.24E-96 NK Act 2	Rpl13
Rpl91	6.61E-101	0.40931	0.995	0.97	1.62E-96 NK Act 2	Rpl9
Rps27a	1.63E-98	0.437109	0.994	0.966	4.00E-94 NK Act 2	Rps27a

Ccl52	1.29E-95	0.884263	0.925	0.687	3.15E-91	NK Act 2	Ccl5
Rpl181	1.28E-92	0.426849	0.992	0.961	3.14E-88	NK Act 2	Rpl18
Rps161	3.88E-91	0.407645	0.993	0.967	9.49E-87	NK Act 2	Rps16
Nkg72	9.63E-91	0.624289	0.952	0.649	2.36E-86	NK Act 2	Nkg7
Rpl211	1.45E-90	0.415186	0.993	0.965	3.55E-86	NK Act 2	Rpl21
Rps101	1.84E-90	0.39816	0.995	0.965	4.51E-86	NK Act 2	Rps10
Pim21	5.54E-90	1.78061	0.414	0.183	1.36E-85	NK Act 2	Pim2
Rps20	1.69E-87	0.512924	0.993	0.965	4.14E-83	NK Act 2	Rps20
Rps112	3.51E-87	0.420159	0.99	0.964	8.60E-83	NK Act 2	Rps11
Rps181	5.63E-87	0.505307	0.973	0.934	1.38E-82	NK Act 2	Rps18
Rps15a2	4.57E-86	0.419513	0.995	0.962	1.12E-81	NK Act 2	Rps15a
Rps81	3.59E-85	0.418064	0.991	0.97	8.79E-81	NK Act 2	Rps8
Rps31	2.31E-82	0.420534	0.989	0.953	5.66E-78	NK Act 2	Rps3
Rpl81	2.42E-81	0.420721	0.986	0.95	5.94E-77	NK Act 2	Rpl8
Rpl301	2.94E-80	0.395607	0.994	0.967	7.20E-76	NK Act 2	Rpl30
Rps231	8.37E-79	0.415412	0.99	0.954	2.05E-74	NK Act 2	Rps23
Sidt1	1.11E-78	1.446285	0.324	0.127	2.73E-74	NK Act 2	Sidt1
Eef1a11	2.05E-78	0.35007	0.998	0.984	5.02E-74	NK Act 2	Eef1a1
Rpl382	1.85E-74	0.582836	0.964	0.894	4.54E-70	NK Act 2	Rpl38
Rpl18a1	1.90E-73	0.355078	0.995	0.969	4.65E-69	NK Act 2	Rpl18a
Rpl10a	1.00E-72	0.427994	0.978	0.937	2.46E-68	NK Act 2	Rpl10a
Rplp11	3.23E-72	0.410386	0.992	0.968	7.91E-68	NK Act 2	Rplp1
Rpl3	6.83E-72	0.447555	0.974	0.932	1.67E-67	NK Act 2	Rpl3
Rpl321	1.15E-70	0.380623	0.99	0.962	2.82E-66	NK Act 2	Rpl32
Vps37b2	2.96E-70	1.07321	0.554	0.329	7.25E-66	NK Act 2	Vps37b
Rpl342	1.17E-69	0.395503	0.99	0.952	2.87E-65	NK Act 2	Rpl34
Rps4x1	2.16E-69	0.368001	0.994	0.961	5.30E-65	NK Act 2	Rps4x
Rpl191	3.99E-69	0.330521	0.995	0.971	9.78E-65	NK Act 2	Rpl19
Rpl35	6.17E-69	0.566364	0.951	0.896	1.51E-64	NK Act 2	Rpl35
Ms4a4b2	1.92E-68	0.528047	0.956	0.75	4.70E-64	NK Act 2	Ms4a4b
Trgv2	6.99E-68	1.235696	0.313	0.126	1.71E-63	NK Act 2	Trgv2
Gimap43	4.80E-67	0.608511	0.891	0.704	1.18E-62	NK Act 2	Gimap4
Rpl61	3.86E-66	0.388012	0.98	0.944	9.45E-62	NK Act 2	Rpl6
Rps51	3.43E-64	0.371468	0.989	0.96	8.39E-60	NK Act 2	Rps5
Rpl35a1	5.89E-62	0.37084	0.988	0.952	1.44E-57	NK Act 2	Rpl35a
Rpl371	1.60E-61	0.438491	0.981	0.946	3.92E-57	NK Act 2	Rpl37
Hopx2	8.42E-61	0.79891	0.695	0.478	2.06E-56	NK Act 2	Hopx
Rpl361	2.41E-59	0.401527	0.985	0.938	5.90E-55	NK Act 2	Rpl36
Rps211	3.45E-59	0.452243	0.98	0.936	8.45E-55	NK Act 2	Rps21
Rpl13a1	4.23E-59	0.35868	0.985	0.948	1.04E-54	NK Act 2	Rpl13a
Rplp01	5.82E-59	0.379975	0.99	0.953	1.43E-54	NK Act 2	Rplp0
Anxa21	9.00E-59	0.867103	0.666	0.461	2.20E-54	NK Act 2	Anxa2
Rpl171	2.79E-57	0.349316	0.985	0.957	6.83E-53	NK Act 2	Rpl17
Sell1	2.81E-57	1.251382	0.27	0.109	6.89E-53	NK Act 2	Sell

Rpl15	9.29E-56	0.398358	0.974	0.931	2.27E-51	NK Act 2	Rpl15
Gpr181	1.80E-54	1.368182	0.345	0.171	4.41E-50	NK Act 2	Gpr18
Rpl36a1	7.94E-54	0.509144	0.919	0.848	1.94E-49	NK Act 2	Rpl36a
Rps272	1.34E-53	0.412018	0.98	0.929	3.28E-49	NK Act 2	Rps27
Rplp21	4.24E-53	0.377499	0.98	0.933	1.04E-48	NK Act 2	Rplp2
Gramd32	4.82E-53	0.822334	0.554	0.35	1.18E-48	NK Act 2	Gramd3
Rpl221l1	2.19E-52	0.580697	0.857	0.748	5.36E-48	NK Act 2	Rpl221l1
Rps26	3.33E-52	0.38191	0.983	0.938	8.15E-48	NK Act 2	Rps26
Rpl37a2	8.10E-52	0.375459	0.989	0.954	1.98E-47	NK Act 2	Rpl37a
Rps191	3.42E-51	0.361629	0.979	0.941	8.39E-47	NK Act 2	Rps19
Rps2	3.90E-51	0.366296	0.988	0.949	9.55E-47	NK Act 2	Rps2
Rpl27a1	4.20E-51	0.299022	0.995	0.967	1.03E-46	NK Act 2	Rpl27a
Satb11	6.67E-51	0.909963	0.397	0.21	1.63E-46	NK Act 2	Satb1
Evl3	9.17E-51	0.803272	0.657	0.481	2.25E-46	NK Act 2	Evl
Gimap64	1.06E-50	0.590502	0.807	0.633	2.60E-46	NK Act 2	Gimap6
Rps281	2.40E-50	0.506413	0.949	0.889	5.87E-46	NK Act 2	Rps28
Rps141	2.46E-50	0.315901	0.986	0.949	6.03E-46	NK Act 2	Rps14
Ugcg1	3.35E-50	0.928238	0.423	0.234	8.22E-46	NK Act 2	Ugcg
Ikzf22	3.45E-50	0.514949	0.462	0.257	8.44E-46	NK Act 2	Ikzf2
Tpt12	7.45E-50	0.286484	0.994	0.969	1.82E-45	NK Act 2	Tpt1
Rpl392	1.06E-49	0.397433	0.979	0.933	2.59E-45	NK Act 2	Rpl39
Hcst1	1.11E-49	0.505779	0.881	0.735	2.72E-45	NK Act 2	Hcst
Rpl41	1.34E-49	0.371298	0.991	0.967	3.28E-45	NK Act 2	Rpl41
Stat41	1.97E-49	0.737775	0.599	0.398	4.83E-45	NK Act 2	Stat4
Klhdc2	5.69E-49	1.697692	0.279	0.134	1.39E-44	NK Act 2	Klhdc2
Rpl111	8.85E-48	0.28534	0.99	0.965	2.17E-43	NK Act 2	Rpl11
Eef1b2	1.85E-46	0.439561	0.929	0.854	4.52E-42	NK Act 2	Eef1b2
Rpl121	2.81E-46	0.392301	0.961	0.912	6.89E-42	NK Act 2	Rpl12
Gimap53	6.05E-46	0.745007	0.641	0.461	1.48E-41	NK Act 2	Gimap5
Rps291	1.36E-45	0.437705	0.975	0.924	3.32E-41	NK Act 2	Rps29
Rps12	1.68E-45	0.369016	0.979	0.941	4.12E-41	NK Act 2	Rps12
Rpl14	9.76E-45	0.374361	0.966	0.906	2.39E-40	NK Act 2	Rpl14
Rack11	1.10E-44	0.367283	0.943	0.883	2.70E-40	NK Act 2	Rack1
Rpl272	4.70E-44	0.30797	0.981	0.938	1.15E-39	NK Act 2	Rpl27
Rps132	6.26E-43	0.273683	0.991	0.96	1.53E-38	NK Act 2	Rps13
Rpl26	2.08E-42	0.333042	0.972	0.932	5.10E-38	NK Act 2	Rpl26
Rps91	3.13E-42	0.270051	0.989	0.963	7.67E-38	NK Act 2	Rps9
Rpl291	5.24E-42	0.311369	0.979	0.934	1.28E-37	NK Act 2	Rpl29
Rps6	7.57E-42	0.358096	0.947	0.89	1.85E-37	NK Act 2	Rps6
Slc14a1	1.01E-41	1.159162	0.26	0.121	2.47E-37	NK Act 2	Slc14a1
Rpl28	1.03E-41	0.354318	0.975	0.942	2.53E-37	NK Act 2	Rpl28
Gem1	3.08E-41	1.283213	0.283	0.141	7.55E-37	NK Act 2	Gem
Fam189b2	4.93E-41	0.819293	0.475	0.296	1.21E-36	NK Act 2	Fam189b
Lef12	1.34E-40	0.689085	0.405	0.231	3.29E-36	NK Act 2	Lef1

Cd3d2	7.73E-40	0.414866	0.862	0.703	1.89E-35	NK Act 2	Cd3d
Rpl222	9.32E-40	0.314943	0.965	0.913	2.28E-35	NK Act 2	Rpl22
Zyx2	1.33E-39	0.680109	0.679	0.526	3.25E-35	NK Act 2	Zyx
Rpl7	1.45E-38	0.330446	0.947	0.904	3.55E-34	NK Act 2	Rpl7
1700025G	2.03E-38	1.141143	0.267	0.132	4.97E-34	NK Act 2	1700025G04Rik
Rpl101	1.28E-37	0.322953	0.973	0.918	3.13E-33	NK Act 2	Rpl10
Bcl22	2.09E-37	0.363309	0.646	0.462	5.12E-33	NK Act 2	Bcl2
Dennd4a1	4.18E-37	0.660894	0.689	0.553	1.02E-32	NK Act 2	Dennd4a
Klf21	3.54E-36	0.942421	0.36	0.206	8.68E-32	NK Act 2	Klf2
Rpsa1	4.79E-35	0.255093	0.993	0.972	1.17E-30	NK Act 2	Rpsa
Rpl5	4.33E-34	0.371414	0.897	0.831	1.06E-29	NK Act 2	Rpl5
Grcc101	1.30E-33	0.503764	0.828	0.73	3.18E-29	NK Act 2	Grcc10
Gm195851	6.57E-33	0.950146	0.328	0.187	1.61E-28	NK Act 2	Gm19585
Arl6ip51	1.50E-32	0.608833	0.67	0.537	3.67E-28	NK Act 2	Arl6ip5
Il2rg3	3.53E-32	0.400586	0.87	0.753	8.63E-28	NK Act 2	Il2rg
Efhd22	4.76E-32	0.588223	0.649	0.5	1.17E-27	NK Act 2	Efhd2
Aff3	6.93E-32	0.763588	0.253	0.128	1.70E-27	NK Act 2	Aff3
Gimap33	7.96E-32	0.390714	0.841	0.694	1.95E-27	NK Act 2	Gimap3
Atp8b42	3.29E-31	0.652367	0.388	0.235	8.05E-27	NK Act 2	Atp8b4
Limd21	5.36E-30	0.377279	0.858	0.78	1.31E-25	NK Act 2	Limd2
B4galnt12	2.42E-29	0.460971	0.721	0.586	5.93E-25	NK Act 2	B4galnt1
Rps15	4.26E-29	0.399779	0.868	0.788	1.04E-24	NK Act 2	Rps15
Il12rb21	1.25E-28	0.773873	0.287	0.159	3.07E-24	NK Act 2	Il12rb2
13-Sep	1.83E-28	0.414729	0.83	0.709	4.49E-24	NK Act 2	1-Sep
Kcnq51	1.91E-28	0.437634	0.32	0.184	4.67E-24	NK Act 2	Kcnq5
Atp1b11	3.37E-28	0.753148	0.27	0.143	8.25E-24	NK Act 2	Atp1b1
Npm1	9.02E-28	0.381726	0.869	0.783	2.21E-23	NK Act 2	Npm1
Prkch2	9.95E-28	0.377395	0.768	0.636	2.44E-23	NK Act 2	Prkch
Jak12	1.01E-27	0.460259	0.725	0.627	2.48E-23	NK Act 2	Jak1
Ppp3cc2	1.58E-27	0.55496	0.528	0.379	3.86E-23	NK Act 2	Ppp3cc
Pglyrp12	3.42E-27	0.505906	0.556	0.395	8.37E-23	NK Act 2	Pglyrp1
Ptprc2	1.95E-26	0.266633	0.915	0.85	4.77E-22	NK Act 2	Ptprc
Pabpc11	2.55E-26	0.325118	0.901	0.824	6.25E-22	NK Act 2	Pabpc1
Epsti11	5.64E-26	0.424237	0.762	0.649	1.38E-21	NK Act 2	Epsti1
Ablim12	7.68E-26	0.443605	0.628	0.487	1.88E-21	NK Act 2	Ablim1
Atp11b3	8.85E-26	0.726545	0.449	0.321	2.17E-21	NK Act 2	Atp11b
Uba521	1.18E-25	0.472049	0.773	0.671	2.88E-21	NK Act 2	Uba52
Pdcd42	1.36E-25	0.45409	0.707	0.586	3.32E-21	NK Act 2	Pdcd4
Tcf72	1.65E-25	0.654499	0.398	0.257	4.04E-21	NK Act 2	Tcf7
Hsd11b11	3.06E-25	0.668423	0.442	0.305	7.50E-21	NK Act 2	Hsd11b1
Serf21	4.20E-25	0.27372	0.957	0.894	1.03E-20	NK Act 2	Serf2
Clec2i	2.33E-24	0.860369	0.296	0.179	5.70E-20	NK Act 2	Clec2i
Ripor22	8.37E-24	0.498928	0.5	0.368	2.05E-19	NK Act 2	Ripor2
Emb2	1.02E-23	0.586656	0.44	0.307	2.49E-19	NK Act 2	Emb

Cd272	1.93E-23	0.612885	0.409	0.273	4.73E-19	NK Act 2	Cd27
Ctla2a2	2.06E-23	0.487008	0.541	0.396	5.04E-19	NK Act 2	Ctla2a
Il18rap1	3.95E-23	0.793046	0.293	0.178	9.67E-19	NK Act 2	Il18rap
Dnajc151	1.26E-22	0.455783	0.655	0.539	3.08E-18	NK Act 2	Dnajc15
Ifngr12	1.75E-22	0.259771	0.844	0.729	4.28E-18	NK Act 2	Ifngr1
Rpl4	2.65E-22	0.293702	0.893	0.827	6.48E-18	NK Act 2	Rpl4
Tbx211	3.70E-22	0.647789	0.395	0.27	9.05E-18	NK Act 2	Tbx21
Tagln21	5.41E-22	0.374226	0.767	0.644	1.33E-17	NK Act 2	Tagln2
Nop10	1.07E-21	0.508427	0.642	0.547	2.63E-17	NK Act 2	Nop10
Ipcef12	2.67E-21	0.655592	0.358	0.238	6.53E-17	NK Act 2	Ipcef1
Rpl23a	3.35E-21	0.355514	0.809	0.735	8.19E-17	NK Act 2	Rpl23a
Neurl31	4.47E-21	0.757542	0.33	0.217	1.10E-16	NK Act 2	Neurl3
Ifitm102	7.89E-21	0.619043	0.42	0.291	1.93E-16	NK Act 2	Ifitm10
Tmem2432	4.61E-20	0.806884	0.375	0.271	1.13E-15	NK Act 2	Tmem243
Jaml1	6.12E-20	0.548154	0.39	0.267	1.50E-15	NK Act 2	Jaml
Gimap82	6.64E-20	0.409829	0.528	0.394	1.63E-15	NK Act 2	Gimap8
Lax11	9.52E-19	0.614376	0.377	0.261	2.33E-14	NK Act 2	Lax1
Eef1g	1.09E-18	0.403447	0.692	0.601	2.66E-14	NK Act 2	Eef1g
Rpl36al1	1.34E-18	0.274276	0.909	0.847	3.28E-14	NK Act 2	Rpl36al
Stk17b2	3.10E-18	0.376844	0.688	0.579	7.58E-14	NK Act 2	Stk17b
Eif5a1	9.63E-18	0.323826	0.812	0.717	2.36E-13	NK Act 2	Eif5a
Nsa21	1.19E-17	0.357648	0.73	0.649	2.90E-13	NK Act 2	Nsa2
Gas51	1.35E-16	0.374937	0.75	0.673	3.31E-12	NK Act 2	Gas5
Gm118081	3.03E-16	0.427259	0.618	0.534	7.41E-12	NK Act 2	Gm11808
Pitpnc12	3.32E-16	0.297951	0.593	0.491	8.14E-12	NK Act 2	Pitpnc1
Btg14	3.88E-16	0.272434	0.846	0.768	9.49E-12	NK Act 2	Btg1
Chsy11	4.14E-16	0.637902	0.309	0.212	1.01E-11	NK Act 2	Chsy1
mt-Atp8	4.82E-16	0.341712	0.703	0.629	1.18E-11	NK Act 2	mt-Atp8
Dok21	5.50E-16	0.620762	0.375	0.272	1.35E-11	NK Act 2	Dok2
Sep-63	9.55E-16	0.422547	0.507	0.399	2.34E-11	NK Act 2	6-Sep
Ostf11	2.39E-15	0.36995	0.635	0.535	5.85E-11	NK Act 2	Ostf1
Glipr21	8.48E-15	0.553971	0.4	0.303	2.08E-10	NK Act 2	Glipr2
Fasl2	1.49E-14	0.499083	0.423	0.317	3.66E-10	NK Act 2	Fasl
Padi22	3.82E-14	0.591459	0.35	0.255	9.36E-10	NK Act 2	Padi2
Snrpe	5.84E-14	0.304019	0.721	0.624	1.43E-09	NK Act 2	Snrpe
Mir142hg1	8.58E-14	0.344084	0.706	0.634	2.10E-09	NK Act 2	Mir142hg
Arhgap92	1.13E-13	0.396541	0.544	0.459	2.78E-09	NK Act 2	Arhgap9
Ubac22	1.61E-13	0.388922	0.53	0.443	3.94E-09	NK Act 2	Ubac2
Rps17	2.72E-13	0.275401	0.796	0.72	6.67E-09	NK Act 2	Rps17
Bcl2l111	3.19E-13	0.708069	0.261	0.181	7.80E-09	NK Act 2	Bcl2l11
Sema4a2	5.76E-13	0.432837	0.428	0.326	1.41E-08	NK Act 2	Sema4a
Snhg1	8.35E-13	0.751712	0.319	0.243	2.05E-08	NK Act 2	Snhg1
Cotl1	1.65E-12	0.289678	0.69	0.585	4.05E-08	NK Act 2	Cotl1
Trmt112	1.97E-12	0.333225	0.701	0.638	4.81E-08	NK Act 2	Trmt112

Bin21	2.02E-12	0.383652	0.641	0.568	4.96E-08	NK Act 2	Bin2
Atp1b31	3.01E-12	0.434407	0.555	0.485	7.36E-08	NK Act 2	Atp1b3
Nme11	3.61E-12	0.396405	0.592	0.521	8.84E-08	NK Act 2	Nme1
Cst71	5.01E-12	0.361426	0.49	0.39	1.23E-07	NK Act 2	Cst7
Klhl62	7.68E-12	0.535723	0.356	0.273	1.88E-07	NK Act 2	Klhl6
Peli11	1.20E-11	0.326636	0.587	0.51	2.93E-07	NK Act 2	Peli1
Myc	1.32E-11	0.806454	0.254	0.181	3.22E-07	NK Act 2	Myc
Trbc22	1.92E-11	0.321932	0.534	0.429	4.71E-07	NK Act 2	Trbc2
Gramd1a3	2.19E-11	0.43564	0.454	0.374	5.36E-07	NK Act 2	Gramd1a
Scml41	3.04E-11	0.380975	0.296	0.209	7.45E-07	NK Act 2	Scml4
Snhg8	3.73E-11	0.613399	0.363	0.291	9.14E-07	NK Act 2	Snhg8
Rpl31	4.73E-11	0.266003	0.756	0.707	1.16E-06	NK Act 2	Rpl31
Pglyrp22	4.96E-11	0.45903	0.361	0.274	1.22E-06	NK Act 2	Pglyrp2
Cblb2	5.38E-11	0.328439	0.463	0.378	1.32E-06	NK Act 2	Cblb
Tm6sf12	2.22E-10	0.586585	0.291	0.22	5.44E-06	NK Act 2	Tm6sf1
Serbp1	3.59E-10	0.271474	0.74	0.675	8.79E-06	NK Act 2	Serbp1
Lyst1	7.94E-10	0.411394	0.346	0.27	1.94E-05	NK Act 2	Lyst
Slc50a12	1.27E-09	0.409324	0.469	0.409	3.11E-05	NK Act 2	Slc50a1
Prdx61	2.52E-09	0.308327	0.587	0.524	6.18E-05	NK Act 2	Prdx6
H2-Ke6	2.86E-09	0.426901	0.378	0.307	7.00E-05	NK Act 2	H2-Ke6
Pnrc11	3.39E-09	0.320878	0.662	0.611	8.31E-05	NK Act 2	Pnrc1
Acp53	3.61E-09	0.374187	0.449	0.371	8.83E-05	NK Act 2	Acp5
Rgs32	3.81E-09	0.509128	0.341	0.273	9.33E-05	NK Act 2	Rgs3
Npm31	4.11E-09	0.52167	0.441	0.381	0.000101	NK Act 2	Npm3
Slamf72	7.83E-09	0.387865	0.327	0.252	0.000192	NK Act 2	Slamf7
Sept111	1.41E-08	0.643336	0.273	0.212	0.000345	NK Act 2	11-Sep
Pik3r51	1.75E-08	0.556294	0.269	0.207	0.000429	NK Act 2	Pik3r5
Slc38a22	2.89E-08	0.467377	0.406	0.343	0.000708	NK Act 2	Slc38a2
Tespa11	3.11E-08	0.264941	0.362	0.285	0.000761	NK Act 2	Tespa1
Eif3i	4.46E-08	0.280289	0.589	0.527	0.001092	NK Act 2	Eif3i
Set	6.02E-08	0.254364	0.632	0.549	0.001474	NK Act 2	Set
Mettl26	6.05E-08	0.544318	0.263	0.203	0.001481	NK Act 2	Mettl26
Cox7a2l	6.15E-08	0.285641	0.609	0.56	0.001507	NK Act 2	Cox7a2l
Higd1a	7.42E-08	0.393643	0.474	0.417	0.001817	NK Act 2	Higd1a
Acap13	1.13E-07	0.275634	0.461	0.389	0.002774	NK Act 2	Acap1
Chn22	1.34E-07	0.357926	0.393	0.33	0.003272	NK Act 2	Chn2
Trim12a1	1.67E-07	0.434257	0.344	0.281	0.004097	NK Act 2	Trim12a
Sptbn12	2.36E-07	0.354281	0.372	0.312	0.005779	NK Act 2	Sptbn1
Smim4	3.74E-07	0.60737	0.257	0.203	0.009162	NK Act 2	Smim4
Lrmp	3.97E-07	0.534346	0.277	0.224	0.009729	NK Act 2	Lrmp
Slc9a3r12	4.52E-07	0.253592	0.564	0.501	0.011078	NK Act 2	Slc9a3r1
Cd962	6.40E-07	0.381186	0.328	0.265	0.015665	NK Act 2	Cd96
Apol7e1	6.77E-07	0.290666	0.258	0.196	0.01659	NK Act 2	Apol7e
Fbl	8.17E-07	0.35989	0.424	0.37	0.019999	NK Act 2	Fbl

Elov151	8.53E-07	0.405102	0.301	0.245	0.0209	NK Act 2	Elov15
Csk	9.46E-07	0.253477	0.532	0.473	0.023168	NK Act 2	Csk
Mob3a1	1.26E-06	0.35251	0.394	0.338	0.030941	NK Act 2	Mob3a
Rab8a2	1.32E-06	0.344015	0.451	0.404	0.032412	NK Act 2	Rab8a
Trp53	2.16E-06	0.401388	0.427	0.384	0.052959	NK Act 2	Trp53
Mfsd10	2.16E-06	0.707133	0.256	0.213	0.05296	NK Act 2	Mfsd10
Plekha5	2.23E-06	0.250561	0.295	0.235	0.054703	NK Act 2	Plekha5
Tomm5	2.72E-06	0.439163	0.398	0.353	0.066514	NK Act 2	Tomm5
Rnf1302	5.68E-06	0.25034	0.371	0.305	0.139013	NK Act 2	Rnf130
Tpm41	6.48E-06	0.290907	0.427	0.377	0.158739	NK Act 2	Tpm4
Psen21	6.66E-06	0.369138	0.293	0.241	0.163089	NK Act 2	Psen2
Mrpl581	8.07E-06	0.332549	0.402	0.349	0.197517	NK Act 2	Mrpl58
Rin31	8.16E-06	0.488764	0.295	0.247	0.199844	NK Act 2	Rin3
Clcn31	1.03E-05	0.461348	0.274	0.228	0.251287	NK Act 2	Clcn3
Sytl31	1.64E-05	0.293226	0.252	0.201	0.402406	NK Act 2	Sytl3
Sars	2.13E-05	0.373287	0.413	0.374	0.52206	NK Act 2	Sars
Ddx21	2.95E-05	0.390274	0.313	0.268	0.721966	NK Act 2	Ddx21
Lta4h1	3.00E-05	0.37646	0.39	0.348	0.733448	NK Act 2	Lta4h
Polr2e1	3.01E-05	0.299316	0.418	0.374	0.73748	NK Act 2	Polr2e
Tapbpl1	3.14E-05	0.394822	0.314	0.271	0.767881	NK Act 2	Tapbpl
Sash31	3.26E-05	0.282813	0.417	0.375	0.798671	NK Act 2	Sash3
Prmt1	3.84E-05	0.325464	0.401	0.354	0.940555	NK Act 2	Prmt1
Sla2	3.94E-05	0.352587	0.272	0.223	0.964707	NK Act 2	Sla2
Ppp1r14b1	4.73E-05	0.302789	0.413	0.371	1	NK Act 2	Ppp1r14b
Dpm31	4.98E-05	0.321572	0.433	0.397	1	NK Act 2	Dpm3
Arl2bp1	7.26E-05	0.38613	0.346	0.306	1	NK Act 2	Arl2bp
Arpc5l1	8.72E-05	0.337735	0.414	0.379	1	NK Act 2	Arpc5l
Pdcd101	0.000111	0.276173	0.445	0.408	1	NK Act 2	Pdcd10
Ighm3	0.000131	0.368781	0.271	0.23	1	NK Act 2	Ighm
Mrpl301	0.000149	0.290006	0.506	0.475	1	NK Act 2	Mrpl30
Arl4c1	0.000207	0.414563	0.342	0.306	1	NK Act 2	Arl4c
Rnf1382	0.000209	0.375464	0.337	0.301	1	NK Act 2	Rnf138
Sipa11	0.000298	0.327432	0.369	0.338	1	NK Act 2	Sipa1
Mri1	0.000396	0.356299	0.266	0.229	1	NK Act 2	Mri1
Runx32	0.000484	0.341696	0.371	0.335	1	NK Act 2	Runx3
Gm10076	0.000492	0.399755	0.279	0.244	1	NK Act 2	Gm10076
Pdcd6	0.00064	0.280021	0.407	0.378	1	NK Act 2	Pdcd6
Capn11	0.000794	0.316377	0.271	0.236	1	NK Act 2	Capn1
C1qbp	0.000843	0.333763	0.356	0.32	1	NK Act 2	C1qbp
Grk2	0.000976	0.274528	0.406	0.374	1	NK Act 2	Grk2
Trim12c1	0.001555	0.357374	0.271	0.239	1	NK Act 2	Trim12c
Me21	0.001849	0.430707	0.25	0.221	1	NK Act 2	Me2
Sh2d3c3	0.002513	0.27479	0.27	0.237	1	NK Act 2	Sh2d3c
Card191	0.003	0.416184	0.276	0.25	1	NK Act 2	Card19

Grk6	0.003034	0.320458	0.294	0.268	1 NK Act 2	Grk6
Phb21	0.003509	0.27831	0.418	0.399	1 NK Act 2	Phb2
Polr2m	0.004012	0.293698	0.322	0.297	1 NK Act 2	Polr2m
Vars	0.004148	0.382137	0.291	0.266	1 NK Act 2	Vars
Nop58	0.004506	0.3874	0.256	0.23	1 NK Act 2	Nop58
Ebna1bp2	0.004745	0.372426	0.289	0.263	1 NK Act 2	Ebna1bp2
4930453N2	0.005822	0.391465	0.263	0.238	1 NK Act 2	4930453N24Rik
Klk81	0.005869	0.297547	0.329	0.303	1 NK Act 2	Klk8
Pop51	0.008071	0.262541	0.338	0.313	1 NK Act 2	Pop5
Ssrp1	0.009202	0.29392	0.381	0.357	1 NK Act 2	Ssrp1
Rgs16	0	2.775979	0.474	0.076	0 CD8.Ex	Rgs16
Ccl1	0	4.612552	0.319	0.029	0 CD8.Ex	Ccl1
Mcm6	6.04E-277	1.845264	0.71	0.239	1.48E-272 CD8.Ex	Mcm6
Mcm31	6.02E-272	2.320676	0.527	0.137	1.48E-267 CD8.Ex	Mcm3
Mcm51	6.83E-270	2.238416	0.486	0.114	1.67E-265 CD8.Ex	Mcm5
Hsp90ab1	5.77E-269	1.147618	0.992	0.866	1.41E-264 CD8.Ex	Hsp90ab1
Dut	5.11E-268	1.878137	0.713	0.249	1.25E-263 CD8.Ex	Dut
Mcm2	5.51E-258	2.135313	0.458	0.104	1.35E-253 CD8.Ex	Mcm2
Ung	1.46E-252	2.97491	0.255	0.033	3.57E-248 CD8.Ex	Ung
Tnfrsf92	1.05E-251	2.027754	0.556	0.155	2.58E-247 CD8.Ex	Tnfrsf9
Hells	9.08E-250	2.189288	0.428	0.094	2.22E-245 CD8.Ex	Hells
Ppia	8.83E-238	0.70787	0.999	0.966	2.16E-233 CD8.Ex	Ppia
Cdca7	1.18E-233	2.48734	0.314	0.054	2.88E-229 CD8.Ex	Cdca7
Mif	1.50E-225	1.374613	0.945	0.647	3.68E-221 CD8.Ex	Mif
Ptma	1.03E-210	0.971988	0.994	0.893	2.52E-206 CD8.Ex	Ptma
Rps22	4.92E-207	0.814229	0.997	0.949	1.21E-202 CD8.Ex	Rps2
Mcm4	2.47E-206	1.840089	0.528	0.161	6.04E-202 CD8.Ex	Mcm4
Ranbp1	1.96E-205	1.356679	0.837	0.404	4.80E-201 CD8.Ex	Ranbp1
Mcm71	2.25E-189	1.765806	0.481	0.142	5.51E-185 CD8.Ex	Mcm7
Bcl2a1d	4.28E-189	1.820001	0.497	0.151	1.05E-184 CD8.Ex	Bcl2a1d
Pdcd11	2.25E-188	1.596574	0.53	0.168	5.51E-184 CD8.Ex	Pdcd1
Lig1	2.92E-184	1.83957	0.432	0.118	7.16E-180 CD8.Ex	Lig1
Ppa1	2.85E-183	1.461638	0.553	0.18	6.98E-179 CD8.Ex	Ppa1
Rilpl21	6.69E-181	1.776536	0.558	0.193	1.64E-176 CD8.Ex	Rilpl2
Ldha1	8.42E-178	1.117622	0.954	0.692	2.06E-173 CD8.Ex	Ldha
Rplp02	1.55E-174	0.599588	0.998	0.953	3.79E-170 CD8.Ex	Rplp0
Pcna1	2.26E-170	1.38022	0.607	0.224	5.53E-166 CD8.Ex	Pcna
Tipin	6.15E-170	1.575029	0.508	0.167	1.51E-165 CD8.Ex	Tipin
Rpsa2	6.08E-169	0.549489	1	0.972	1.49E-164 CD8.Ex	Rpsa
Ran	3.79E-168	1.103411	0.922	0.596	9.28E-164 CD8.Ex	Ran
Nhp2	1.98E-167	1.361799	0.681	0.283	4.86E-163 CD8.Ex	Nhp2
Ccr81	1.98E-165	1.434589	0.523	0.172	4.86E-161 CD8.Ex	Ccr8
Gapdh1	1.02E-164	0.964064	0.945	0.746	2.50E-160 CD8.Ex	Gapdh
Nme12	7.93E-162	1.106946	0.877	0.503	1.94E-157 CD8.Ex	Nme1

Rps261	1.35E-161	0.705009	0.994	0.937	3.31E-157	CD8.Ex	Rps26
Gins2	7.71E-161	2.206606	0.295	0.067	1.89E-156	CD8.Ex	Gins2
Dctpp11	4.14E-160	1.430686	0.554	0.197	1.01E-155	CD8.Ex	Dctpp1
Ehd1	6.86E-159	1.527894	0.488	0.16	1.68E-154	CD8.Ex	Ehd1
Nap111	6.37E-157	1.143139	0.782	0.384	1.56E-152	CD8.Ex	Nap111
Eif5a2	1.86E-156	1.05162	0.958	0.707	4.56E-152	CD8.Ex	Eif5a
Asns	3.02E-155	2.072901	0.255	0.051	7.39E-151	CD8.Ex	Asns
Siva11	1.01E-153	1.385398	0.536	0.189	2.46E-149	CD8.Ex	Siva1
Fabp51	8.08E-152	1.33636	0.48	0.156	1.98E-147	CD8.Ex	Fabp5
Pdcd1lg2	1.06E-151	1.582126	0.392	0.111	2.61E-147	CD8.Ex	Pdcd1lg2
Prim1	4.41E-149	1.973307	0.3	0.072	1.08E-144	CD8.Ex	Prim1
Snrpd1	2.49E-148	1.146045	0.764	0.372	6.09E-144	CD8.Ex	Snrpd1
Atp5g3	3.53E-148	0.75455	0.97	0.799	8.65E-144	CD8.Ex	Atp5g3
C1qbp1	1.75E-146	1.332305	0.676	0.3	4.28E-142	CD8.Ex	C1qbp
Rbm3	1.76E-145	0.7405	0.978	0.798	4.30E-141	CD8.Ex	Rbm3
Cd1602	9.46E-144	1.606112	0.523	0.193	2.32E-139	CD8.Ex	Cd160
Lta	1.40E-141	2.149072	0.293	0.071	3.43E-137	CD8.Ex	Lta
Gm45716	1.72E-141	1.634217	0.31	0.077	4.20E-137	CD8.Ex	Gm45716
Crtam	3.76E-140	3.071003	0.275	0.066	9.22E-136	CD8.Ex	Crtam
Pa2g4	1.38E-139	1.221053	0.739	0.366	3.38E-135	CD8.Ex	Pa2g4
E2f1	1.91E-139	2.080222	0.251	0.055	4.67E-135	CD8.Ex	E2f1
Hspa8	1.92E-139	0.764667	0.985	0.875	4.69E-135	CD8.Ex	Hspa8
Nme2	7.05E-139	0.861027	0.955	0.737	1.73E-134	CD8.Ex	Nme2
Phgdh	1.58E-138	1.360224	0.633	0.281	3.88E-134	CD8.Ex	Phgdh
Rpl281	3.29E-138	0.560574	0.999	0.94	8.06E-134	CD8.Ex	Rpl28
Txn1	6.58E-138	0.934105	0.908	0.61	1.61E-133	CD8.Ex	Txn1
A430093F1	6.83E-138	1.206463	0.458	0.15	1.67E-133	CD8.Ex	A430093F15Rik
Stmn11	7.51E-137	0.961141	0.52	0.187	1.84E-132	CD8.Ex	Stmn1
Bcl2a1b2	1.64E-136	1.259423	0.74	0.362	4.01E-132	CD8.Ex	Bcl2a1b
Dhfr	4.40E-135	1.968656	0.256	0.058	1.08E-130	CD8.Ex	Dhfr
Shmt2	2.71E-134	1.44173	0.472	0.167	6.63E-130	CD8.Ex	Shmt2
Eif1ax	6.01E-134	1.012364	0.658	0.281	1.47E-129	CD8.Ex	Eif1ax
Chaf1b	2.87E-133	1.79711	0.275	0.066	7.04E-129	CD8.Ex	Chaf1b
Rpl151	2.59E-131	0.539652	0.996	0.929	6.34E-127	CD8.Ex	Rpl15
Gar1	3.30E-131	1.330585	0.471	0.166	8.08E-127	CD8.Ex	Gar1
Nasp	6.02E-131	1.277708	0.436	0.146	1.47E-126	CD8.Ex	Nasp
Actb	2.95E-130	0.564171	1	0.982	7.22E-126	CD8.Ex	Actb
Psme21	2.78E-129	0.82805	0.968	0.736	6.81E-125	CD8.Ex	Psme2
Npm11	1.22E-127	0.930872	0.967	0.777	2.99E-123	CD8.Ex	Npm1
Rpl411	3.42E-127	0.586135	0.999	0.966	8.38E-123	CD8.Ex	Rpl41
Ppil1	6.97E-127	1.215787	0.447	0.153	1.71E-122	CD8.Ex	Ppil1
Ybx31	2.68E-126	1.186952	0.625	0.274	6.57E-122	CD8.Ex	Ybx3
Nop581	1.04E-125	1.219689	0.536	0.212	2.54E-121	CD8.Ex	Nop58
Actg11	1.26E-125	0.726948	0.993	0.926	3.09E-121	CD8.Ex	Actg1

Pfn11	3.01E-124	0.534097	1	0.958	7.38E-120	CD8.Ex	Pfn1
Pgk11	4.34E-124	1.067647	0.754	0.397	1.06E-119	CD8.Ex	Pgk1
Cycs	8.32E-124	1.033726	0.802	0.454	2.04E-119	CD8.Ex	Cycs
Cox5a1	1.41E-123	0.781338	0.956	0.711	3.46E-119	CD8.Ex	Cox5a
Ybx1	6.52E-123	0.745869	0.96	0.726	1.60E-118	CD8.Ex	Ybx1
Tpi11	1.05E-122	1.170616	0.695	0.342	2.57E-118	CD8.Ex	Tpi1
Anp32b	2.16E-122	0.858427	0.889	0.562	5.30E-118	CD8.Ex	Anp32b
Rfc3	1.64E-121	1.694188	0.299	0.082	4.03E-117	CD8.Ex	Rfc3
Impdh2	4.80E-121	1.169151	0.604	0.263	1.17E-116	CD8.Ex	Impdh2
Capg1	1.68E-120	1.225332	0.647	0.316	4.10E-116	CD8.Ex	Capg
Gadd45b	2.34E-120	1.611016	0.34	0.102	5.73E-116	CD8.Ex	Gadd45b
Tnfrsf41	6.22E-120	1.629126	0.507	0.201	1.52E-115	CD8.Ex	Tnfrsf4
Uhrf1	1.26E-119	1.79616	0.274	0.072	3.09E-115	CD8.Ex	Uhrf1
Rps171	9.23E-119	0.797844	0.937	0.711	2.26E-114	CD8.Ex	Rps17
Apex11	1.35E-118	1.491373	0.375	0.123	3.31E-114	CD8.Ex	Apex1
Fbl1	7.28E-118	1.092683	0.707	0.352	1.78E-113	CD8.Ex	Fbl
Hmgb3	7.67E-118	1.349776	0.319	0.091	1.88E-113	CD8.Ex	Hmgb3
Mrps61	1.06E-117	1.075551	0.517	0.201	2.60E-113	CD8.Ex	Mrps6
Alyref	1.44E-117	0.981672	0.728	0.363	3.54E-113	CD8.Ex	Alyref
Psat11	2.04E-117	1.285631	0.411	0.14	4.99E-113	CD8.Ex	Psat1
Rmi2	4.02E-117	1.739949	0.251	0.062	9.85E-113	CD8.Ex	Rmi2
Timm8a1	5.53E-117	1.379248	0.354	0.11	1.35E-112	CD8.Ex	Timm8a1
Srm1	7.47E-117	1.62797	0.426	0.157	1.83E-112	CD8.Ex	Srm
Fam162a	1.62E-116	1.051874	0.596	0.258	3.98E-112	CD8.Ex	Fam162a
Pacsin1	1.70E-116	1.371022	0.383	0.125	4.16E-112	CD8.Ex	Pacsin1
Rfc4	8.32E-116	1.677422	0.324	0.098	2.04E-111	CD8.Ex	Rfc4
Atp5g1	1.43E-115	0.780443	0.921	0.636	3.49E-111	CD8.Ex	Atp5g1
Rps61	2.47E-115	0.580696	0.991	0.888	6.05E-111	CD8.Ex	Rps6
Hspd1	9.28E-115	1.218733	0.657	0.319	2.27E-110	CD8.Ex	Hspd1
Gmnn1	2.67E-114	1.36986	0.422	0.153	6.55E-110	CD8.Ex	Gmnn
Rps121	3.54E-114	0.539955	0.998	0.94	8.66E-110	CD8.Ex	Rps12
Snrpf	4.21E-114	0.870468	0.844	0.515	1.03E-109	CD8.Ex	Snrpf
Snrpe1	1.92E-113	0.779273	0.896	0.613	4.69E-109	CD8.Ex	Snrpe
Mrto4	2.29E-112	1.233898	0.432	0.157	5.62E-108	CD8.Ex	Mrto4
Orc6	9.85E-112	1.269702	0.375	0.124	2.41E-107	CD8.Ex	Orc6
Myl12a1	1.20E-110	0.724715	0.959	0.754	2.94E-106	CD8.Ex	Myl12a
Nutf21	1.31E-110	1.003291	0.615	0.274	3.20E-106	CD8.Ex	Nutf2
Tyms1	1.86E-110	1.212349	0.376	0.124	4.56E-106	CD8.Ex	Tyms
Snrpa1	3.66E-110	1.049239	0.525	0.216	8.96E-106	CD8.Ex	Snrpa1
Umps	9.37E-110	1.56204	0.309	0.093	2.29E-105	CD8.Ex	Umps
Slc25a51	3.02E-109	0.781956	0.915	0.639	7.41E-105	CD8.Ex	Slc25a5
Hnrnpab	3.38E-109	0.915457	0.825	0.503	8.28E-105	CD8.Ex	Hnrnpab
Tnfsf11	9.73E-109	1.575752	0.303	0.088	2.38E-104	CD8.Ex	Tnfsf11
Phb	3.27E-108	1.085337	0.61	0.283	8.00E-104	CD8.Ex	Phb

Nr4a2	5.27E-108	1.568759	0.345	0.112	1.29E-103	CD8.Ex	Nr4a2
Hspe1	2.88E-107	0.935794	0.84	0.504	7.06E-103	CD8.Ex	Hspe1
Rps201	4.37E-107	0.468286	0.998	0.965	1.07E-102	CD8.Ex	Rps20
Rpl10a1	3.89E-106	0.491748	0.998	0.935	9.52E-102	CD8.Ex	Rpl10a
Psm41	2.11E-105	0.909454	0.704	0.357	5.16E-101	CD8.Ex	Psm4
Cct5	4.15E-105	0.948205	0.746	0.406	1.02E-100	CD8.Ex	Cct5
Rpl7a	5.44E-105	0.5076	0.991	0.895	1.33E-100	CD8.Ex	Rpl7a
Magoh	1.03E-104	0.907433	0.595	0.263	2.51E-100	CD8.Ex	Magoh
Eif2s1	1.27E-104	0.916608	0.65	0.309	3.10E-100	CD8.Ex	Eif2s1
Lgals11	2.69E-104	0.993293	0.911	0.68	6.58E-100	CD8.Ex	Lgals1
Snrpa2	7.86E-104	0.956228	0.579	0.254	1.92E-99	CD8.Ex	Snrpa
Ncl	1.77E-103	1.014534	0.84	0.543	4.33E-99	CD8.Ex	Ncl
Banf1	1.82E-103	0.834938	0.837	0.502	4.46E-99	CD8.Ex	Banf1
Psph	2.93E-103	1.00812	0.443	0.166	7.17E-99	CD8.Ex	Psph
Fen11	4.02E-102	1.391708	0.369	0.13	9.85E-98	CD8.Ex	Fen1
Hsp90aa1	5.31E-102	0.895294	0.81	0.467	1.30E-97	CD8.Ex	Hsp90aa1
Rbbp7	8.31E-102	0.8799	0.716	0.367	2.04E-97	CD8.Ex	Rbbp7
Map2k3	1.35E-101	1.231493	0.458	0.181	3.31E-97	CD8.Ex	Map2k3
Cd8a1	1.75E-101	1.210116	0.584	0.29	4.28E-97	CD8.Ex	Cd8a
Casp3	2.32E-101	1.268088	0.391	0.142	5.69E-97	CD8.Ex	Casp3
Tk11	8.50E-101	1.355827	0.307	0.095	2.08E-96	CD8.Ex	Tk1
Isy1	1.24E-100	0.912516	0.557	0.238	3.04E-96	CD8.Ex	Isy1
Plp21	3.70E-100	0.90151	0.611	0.274	9.06E-96	CD8.Ex	Plp2
Pkm2	5.33E-100	0.810164	0.889	0.638	1.30E-95	CD8.Ex	Pkm
Tfdp11	1.01E-99	1.078272	0.425	0.16	2.47E-95	CD8.Ex	Tfdp1
Nop16	7.58E-99	1.279704	0.348	0.119	1.86E-94	CD8.Ex	Nop16
Mettl1	1.36E-98	1.496668	0.27	0.078	3.32E-94	CD8.Ex	Mettl1
Ppat	1.44E-98	1.189541	0.293	0.088	3.52E-94	CD8.Ex	Ppat
Xcl12	1.59E-98	2.65315	0.608	0.329	3.89E-94	CD8.Ex	Xcl1
Tcp1	3.24E-98	0.873877	0.716	0.375	7.92E-94	CD8.Ex	Tcp1
Rps82	3.45E-98	0.417732	1	0.97	8.44E-94	CD8.Ex	Rps8
Zmynd19	3.85E-98	1.302688	0.283	0.084	9.43E-94	CD8.Ex	Zmynd19
Pin1	5.27E-98	0.946037	0.537	0.231	1.29E-93	CD8.Ex	Pin1
Pgam11	2.27E-97	0.905055	0.725	0.385	5.56E-93	CD8.Ex	Pgam1
Pold1	3.14E-97	1.397583	0.274	0.082	7.68E-93	CD8.Ex	Pold1
Prmt11	3.47E-97	0.890974	0.672	0.337	8.49E-93	CD8.Ex	Prmt1
Eef1e1	5.08E-97	1.125698	0.428	0.164	1.24E-92	CD8.Ex	Eef1e1
Cisd1	1.64E-96	0.920465	0.481	0.195	4.02E-92	CD8.Ex	Cisd1
Atp5e	2.15E-96	0.528302	0.975	0.84	5.25E-92	CD8.Ex	Atp5e
Phf5a	2.17E-96	0.824552	0.616	0.285	5.31E-92	CD8.Ex	Phf5a
Snu13	2.99E-96	0.833417	0.807	0.471	7.32E-92	CD8.Ex	Snu13
Rpl42	3.82E-96	0.56799	0.96	0.822	9.35E-92	CD8.Ex	Rpl4
Polr2h	6.34E-96	1.008149	0.392	0.143	1.55E-91	CD8.Ex	Polr2h
Uqcrq	7.50E-96	0.777211	0.865	0.559	1.84E-91	CD8.Ex	Uqcrq

Slbp	1.03E-95	0.971342	0.616	0.3	2.52E-91	CD8.Ex	Slbp
Ndufb6	2.11E-95	0.755128	0.756	0.399	5.17E-91	CD8.Ex	Ndufb6
Rrp15	4.45E-95	1.22412	0.313	0.101	1.09E-90	CD8.Ex	Rrp15
Eif4a11	5.56E-95	0.81953	0.891	0.607	1.36E-90	CD8.Ex	Eif4a1
Cct3	8.00E-95	0.888065	0.614	0.292	1.96E-90	CD8.Ex	Cct3
Cfl1	1.41E-94	0.524777	0.985	0.895	3.46E-90	CD8.Ex	Cfl1
Snrpd2	3.01E-94	0.73196	0.816	0.48	7.38E-90	CD8.Ex	Snrpd2
Odc11	1.00E-93	1.020491	0.624	0.307	2.45E-89	CD8.Ex	Odc1
Hnrnpa2b1	1.18E-93	0.5515	0.971	0.837	2.89E-89	CD8.Ex	Hnrnpa2b1
Prdx11	1.52E-93	0.671142	0.896	0.589	3.73E-89	CD8.Ex	Prdx1
Set1	4.18E-93	0.815678	0.837	0.536	1.02E-88	CD8.Ex	Set
Rpa2	4.74E-93	0.980976	0.46	0.186	1.16E-88	CD8.Ex	Rpa2
Psm7	7.14E-93	0.70432	0.887	0.572	1.75E-88	CD8.Ex	Psm7
Preli3b	8.26E-93	0.989757	0.498	0.213	2.02E-88	CD8.Ex	Preli3b
Rnaseh2b1	8.83E-93	1.012302	0.411	0.157	2.16E-88	CD8.Ex	Rnaseh2b
Tkt1	1.13E-92	0.836449	0.758	0.432	2.76E-88	CD8.Ex	Tkt
Uck2	2.05E-92	1.09513	0.31	0.1	5.02E-88	CD8.Ex	Uck2
Ciapi1	6.30E-92	0.903602	0.46	0.185	1.54E-87	CD8.Ex	Ciapi1
Dnmt1	7.30E-92	0.978698	0.515	0.226	1.79E-87	CD8.Ex	Dnmt1
Atp5b	9.02E-92	0.6583	0.922	0.699	2.21E-87	CD8.Ex	Atp5b
Nrgn	9.76E-92	2.067277	0.301	0.1	2.39E-87	CD8.Ex	Nrgn
Pno1	2.03E-91	1.209328	0.336	0.117	4.97E-87	CD8.Ex	Pno1
Mrpl12	2.20E-91	0.876728	0.63	0.308	5.38E-87	CD8.Ex	Mrpl12
Lmnb11	2.66E-91	0.69394	0.602	0.273	6.50E-87	CD8.Ex	Lmnb1
Pclaf1	3.52E-91	1.073191	0.315	0.103	8.62E-87	CD8.Ex	Pclaf
Cdk4	1.65E-90	0.85815	0.716	0.387	4.04E-86	CD8.Ex	Cdk4
Stip1	2.66E-90	0.894822	0.524	0.229	6.52E-86	CD8.Ex	Stip1
Mthfd1l	3.70E-90	0.857944	0.355	0.125	9.07E-86	CD8.Ex	Mthfd1l
Ebna1bp21	8.23E-90	0.958223	0.54	0.247	2.02E-85	CD8.Ex	Ebna1bp2
Cct2	1.05E-89	0.813771	0.753	0.43	2.57E-85	CD8.Ex	Cct2
Al662270	3.68E-89	0.866949	0.478	0.199	9.02E-85	CD8.Ex	Al662270
Endod1	6.48E-89	1.102553	0.343	0.121	1.59E-84	CD8.Ex	Endod1
Ifi27l2a1	7.83E-89	0.818151	0.882	0.634	1.92E-84	CD8.Ex	Ifi27l2a
Isyna1	1.25E-88	0.957999	0.484	0.206	3.07E-84	CD8.Ex	Isyna1
Hint1	1.48E-87	0.64717	0.929	0.685	3.62E-83	CD8.Ex	Hint1
Rack12	2.48E-87	0.477228	0.984	0.881	6.07E-83	CD8.Ex	Rack1
Izumo1r1	5.37E-87	0.654486	0.454	0.181	1.31E-82	CD8.Ex	Izumo1r
Rcl1	9.45E-87	1.021056	0.317	0.107	2.31E-82	CD8.Ex	Rcl1
Dtymk	1.29E-86	0.820484	0.483	0.204	3.16E-82	CD8.Ex	Dtymk
Tomm40	3.90E-86	0.957544	0.44	0.181	9.56E-82	CD8.Ex	Tomm40
Eif3b	4.10E-86	0.848999	0.524	0.236	1.00E-81	CD8.Ex	Eif3b
Nt5c3b	7.03E-86	0.825565	0.423	0.166	1.72E-81	CD8.Ex	Nt5c3b
Hnrnpa3	8.63E-86	0.660692	0.92	0.71	2.11E-81	CD8.Ex	Hnrnpa3
Gstp32	9.82E-86	0.685168	0.633	0.3	2.41E-81	CD8.Ex	Gstp3

Rpa3	1.14E-85	0.870303	0.497	0.215	2.80E-81	CD8.Ex	Rpa3
Erh	2.09E-85	0.874188	0.453	0.189	5.13E-81	CD8.Ex	Erh
Tigit1	2.35E-85	0.795369	0.592	0.28	5.75E-81	CD8.Ex	Tigit
Uqcr10	2.42E-85	0.703573	0.832	0.532	5.93E-81	CD8.Ex	Uqcr10
Eif3i1	3.17E-85	0.707668	0.822	0.513	7.77E-81	CD8.Ex	Eif3i
Cct7	3.38E-85	0.756634	0.751	0.425	8.27E-81	CD8.Ex	Cct7
Psemb4	3.65E-85	0.675762	0.759	0.407	8.93E-81	CD8.Ex	Psemb4
Mthfd21	5.01E-85	1.048402	0.443	0.185	1.23E-80	CD8.Ex	Mthfd2
Abracl1	6.36E-85	0.719297	0.852	0.549	1.56E-80	CD8.Ex	Abracl
Rpl351	1.72E-84	0.530145	0.99	0.894	4.22E-80	CD8.Ex	Rpl35
Hmgn21	4.85E-84	0.64862	0.757	0.436	1.19E-79	CD8.Ex	Hmgn2
Mrps36	1.01E-83	0.744071	0.62	0.304	2.47E-79	CD8.Ex	Mrps36
Acot72	1.36E-83	0.754813	0.545	0.245	3.34E-79	CD8.Ex	Acot7
Rrm11	2.52E-83	0.932494	0.374	0.142	6.16E-79	CD8.Ex	Rrm1
Lsm7	2.57E-83	0.753213	0.681	0.364	6.30E-79	CD8.Ex	Lsm7
H2afz2	2.60E-83	0.638892	0.938	0.731	6.36E-79	CD8.Ex	H2afz
Csnk2b1	2.98E-83	0.663853	0.87	0.566	7.31E-79	CD8.Ex	Csnk2b
Rps151	3.15E-83	0.546299	0.958	0.782	7.72E-79	CD8.Ex	Rps15
Btf31	5.33E-83	0.475692	0.97	0.845	1.31E-78	CD8.Ex	Btf3
Hnrnpa1	7.41E-83	0.738625	0.803	0.502	1.81E-78	CD8.Ex	Hnrnpa1
Stx11	9.45E-83	1.011419	0.302	0.102	2.31E-78	CD8.Ex	Stx11
Cd62	9.53E-83	0.528891	0.634	0.295	2.33E-78	CD8.Ex	Cd6
Lag31	9.78E-83	1.134594	0.438	0.186	2.40E-78	CD8.Ex	Lag3
Sumo2	2.38E-82	0.525747	0.963	0.782	5.83E-78	CD8.Ex	Sumo2
Dkc1	6.80E-82	1.046657	0.344	0.127	1.66E-77	CD8.Ex	Dkc1
Fundc21	9.72E-82	0.696223	0.649	0.322	2.38E-77	CD8.Ex	Fundc2
Smco41	1.04E-81	0.667059	0.5	0.215	2.55E-77	CD8.Ex	Smco4
Cops6	1.30E-81	0.767237	0.676	0.348	3.20E-77	CD8.Ex	Cops6
Pold2	1.78E-81	0.926195	0.381	0.147	4.35E-77	CD8.Ex	Pold2
Mrpl541	2.66E-81	0.718823	0.645	0.329	6.50E-77	CD8.Ex	Mrpl54
Atp5j	7.06E-81	0.551528	0.942	0.72	1.73E-76	CD8.Ex	Atp5j
Rfc21	1.60E-80	0.830395	0.521	0.24	3.91E-76	CD8.Ex	Rfc2
Rbpj1	1.68E-80	0.662417	0.703	0.378	4.11E-76	CD8.Ex	Rbpj
Rfc5	2.45E-80	1.271723	0.298	0.105	5.99E-76	CD8.Ex	Rfc5
Rpl33	3.05E-80	0.408607	0.996	0.93	7.47E-76	CD8.Ex	Rpl3
Dnajc9	5.61E-80	0.723243	0.527	0.24	1.37E-75	CD8.Ex	Dnajc9
Ndufb7	7.53E-80	0.628896	0.875	0.588	1.84E-75	CD8.Ex	Ndufb7
Preli2	8.31E-80	0.749427	0.43	0.175	2.04E-75	CD8.Ex	Preli2
Rsl1d1	1.47E-79	0.830915	0.546	0.259	3.59E-75	CD8.Ex	Rsl1d1
Zfp593	1.66E-79	1.063832	0.359	0.138	4.06E-75	CD8.Ex	Zfp593
Cd8b11	4.27E-79	0.781667	0.581	0.288	1.05E-74	CD8.Ex	Cd8b1
Hsd17b10	9.83E-79	0.834664	0.553	0.262	2.41E-74	CD8.Ex	Hsd17b10
Slc1a51	1.30E-78	0.766709	0.623	0.309	3.18E-74	CD8.Ex	Slc1a5
Hsph1	1.95E-78	0.816125	0.368	0.141	4.78E-74	CD8.Ex	Hsph1

Nans	2.32E-78	0.758437	0.524	0.242	5.68E-74	CD8.Ex	Nans
Mrpl20	5.45E-78	0.676971	0.684	0.357	1.34E-73	CD8.Ex	Mrpl20
Cacybp	6.12E-78	0.739151	0.657	0.341	1.50E-73	CD8.Ex	Cacybp
Ssrp11	7.20E-78	0.762758	0.648	0.34	1.76E-73	CD8.Ex	Ssrp1
Ndufb2	7.99E-78	0.657073	0.681	0.353	1.96E-73	CD8.Ex	Ndufb2
Paics	8.28E-78	0.777649	0.528	0.244	2.03E-73	CD8.Ex	Paics
Rps182	1.39E-77	0.410555	0.994	0.933	3.40E-73	CD8.Ex	Rps18
Mrpl15	2.02E-77	0.706658	0.548	0.258	4.95E-73	CD8.Ex	Mrpl15
Cct8	3.75E-77	0.80833	0.689	0.383	9.19E-73	CD8.Ex	Cct8
Mms22l	3.80E-77	1.204447	0.252	0.081	9.31E-73	CD8.Ex	Mms22l
Nelfe1	4.51E-77	0.972058	0.382	0.154	1.11E-72	CD8.Ex	Nelfe
Dnajc2	6.41E-77	0.74156	0.573	0.277	1.57E-72	CD8.Ex	Dnajc2
Psmb5	7.08E-77	0.685964	0.806	0.486	1.73E-72	CD8.Ex	Psmb5
Nup62	1.09E-76	0.904443	0.373	0.147	2.68E-72	CD8.Ex	Nup62
Snrpd3	1.33E-76	0.690604	0.756	0.438	3.25E-72	CD8.Ex	Snrpd3
Pola1	1.42E-76	0.677756	0.304	0.107	3.48E-72	CD8.Ex	Pola1
Bola3	1.45E-76	0.674808	0.627	0.318	3.55E-72	CD8.Ex	Bola3
Snrpg1	1.50E-76	0.530589	0.937	0.729	3.67E-72	CD8.Ex	Snrpg
Ppie	4.78E-76	0.861033	0.405	0.167	1.17E-71	CD8.Ex	Ppie
Naca	5.64E-76	0.416941	0.986	0.89	1.38E-71	CD8.Ex	Naca
Mybbp1a	8.29E-76	1.016829	0.413	0.176	2.03E-71	CD8.Ex	Mybbp1a
Ak21	1.03E-75	0.679343	0.625	0.314	2.52E-71	CD8.Ex	Ak2
Edf11	1.38E-75	0.591736	0.918	0.666	3.39E-71	CD8.Ex	Edf1
Aimp2	1.39E-75	1.036655	0.289	0.101	3.41E-71	CD8.Ex	Aimp2
Rbm381	1.54E-75	0.621388	0.564	0.265	3.76E-71	CD8.Ex	Rbm38
Psma6	1.68E-75	0.702524	0.681	0.367	4.10E-71	CD8.Ex	Psma6
Tomm51	2.37E-75	0.715679	0.638	0.338	5.82E-71	CD8.Ex	Tomm5
Magohb	2.76E-75	0.974278	0.347	0.134	6.75E-71	CD8.Ex	Magohb
Erg28	3.86E-75	0.697586	0.501	0.227	9.45E-71	CD8.Ex	Erg28
Cdt1	4.02E-75	0.940758	0.329	0.122	9.85E-71	CD8.Ex	Cdt1
Sh2d2a3	4.91E-75	0.747892	0.774	0.456	1.20E-70	CD8.Ex	Sh2d2a
Cox7b	5.25E-75	0.602587	0.867	0.559	1.29E-70	CD8.Ex	Cox7b
Eif3l	5.32E-75	0.758151	0.607	0.31	1.30E-70	CD8.Ex	Eif3l
Noc2l	5.45E-75	0.853306	0.464	0.207	1.34E-70	CD8.Ex	Noc2l
Nudt5	6.54E-75	0.888407	0.364	0.143	1.60E-70	CD8.Ex	Nudt5
Zdhhc2	1.87E-74	0.704625	0.307	0.109	4.57E-70	CD8.Ex	Zdhhc2
Rrs1	2.24E-74	1.151091	0.272	0.093	5.49E-70	CD8.Ex	Rrs1
Rps27l1	3.62E-74	0.711153	0.76	0.443	8.87E-70	CD8.Ex	Rps27l
Tmem238	4.89E-74	0.931246	0.309	0.112	1.20E-69	CD8.Ex	Tmem238
Srsf3	5.11E-74	0.608801	0.852	0.564	1.25E-69	CD8.Ex	Srsf3
Mrps28	5.97E-74	0.7399	0.454	0.199	1.46E-69	CD8.Ex	Mrps28
Gm100761	1.44E-73	0.718744	0.498	0.23	3.52E-69	CD8.Ex	Gm10076
Etfb	2.50E-73	0.700394	0.689	0.378	6.11E-69	CD8.Ex	Etfb
Polr2k	4.71E-73	0.610948	0.552	0.263	1.15E-68	CD8.Ex	Polr2k

Tnf	4.93E-73	1.549439	0.382	0.16	1.21E-68	CD8.Ex	Tnf
Ndfip11	4.95E-73	0.686805	0.947	0.769	1.21E-68	CD8.Ex	Ndfip1
Rpl141	6.84E-73	0.43711	0.992	0.904	1.67E-68	CD8.Ex	Rpl14
Asf1b	9.41E-73	1.116155	0.276	0.096	2.31E-68	CD8.Ex	Asf1b
Mrpl13	9.66E-73	0.742256	0.436	0.19	2.37E-68	CD8.Ex	Mrpl13
Slc7a5	9.71E-73	1.167291	0.308	0.115	2.38E-68	CD8.Ex	Slc7a5
Map4k11	1.06E-72	0.7497	0.468	0.21	2.60E-68	CD8.Ex	Map4k1
Galk1	1.07E-72	1.011249	0.316	0.119	2.63E-68	CD8.Ex	Galk1
Exosc8	1.22E-72	0.701636	0.587	0.291	2.99E-68	CD8.Ex	Exosc8
Ruvbl2	1.69E-72	0.956803	0.356	0.143	4.14E-68	CD8.Ex	Ruvbl2
Idh3a	1.81E-72	0.68594	0.521	0.244	4.43E-68	CD8.Ex	Idh3a
Batf1	3.94E-72	0.989083	0.46	0.21	9.64E-68	CD8.Ex	Batf
Pdap1	4.31E-72	0.695771	0.542	0.263	1.06E-67	CD8.Ex	Pdap1
Psma5	5.39E-72	0.655767	0.729	0.402	1.32E-67	CD8.Ex	Psma5
Cisd3	5.46E-72	0.784593	0.293	0.103	1.34E-67	CD8.Ex	Cisd3
Rpl71	7.64E-72	0.395413	0.987	0.902	1.87E-67	CD8.Ex	Rpl7
Pole4	1.06E-71	0.672752	0.678	0.371	2.59E-67	CD8.Ex	Pole4
Cox17	1.08E-71	0.64036	0.803	0.511	2.66E-67	CD8.Ex	Cox17
Ifng1	1.10E-71	1.471509	0.469	0.218	2.69E-67	CD8.Ex	Ifng
Pbdc1	1.19E-71	0.765817	0.418	0.18	2.92E-67	CD8.Ex	Pbdc1
Snhg11	1.20E-71	0.787389	0.495	0.231	2.95E-67	CD8.Ex	Snhg1
Cct6a	1.38E-71	0.76276	0.562	0.279	3.38E-67	CD8.Ex	Cct6a
Tuba1b1	1.93E-71	0.601213	0.661	0.354	4.72E-67	CD8.Ex	Tuba1b
Atp5d	2.38E-71	0.506324	0.948	0.747	5.83E-67	CD8.Ex	Atp5d
9130401M01Rik	2.79E-71	0.963449	0.294	0.107	6.82E-67	CD8.Ex	9130401M01Rik
Rpl322	2.91E-71	0.342097	1	0.961	7.13E-67	CD8.Ex	Rpl32
Sec61b	5.34E-71	0.550841	0.912	0.673	1.31E-66	CD8.Ex	Sec61b
Ndufs6	5.70E-71	0.615553	0.643	0.332	1.40E-66	CD8.Ex	Ndufs6
U2af1	5.78E-71	0.652975	0.734	0.421	1.42E-66	CD8.Ex	U2af1
Phb22	6.32E-71	0.737083	0.684	0.382	1.55E-66	CD8.Ex	Phb2
Nolc1	7.85E-71	0.959272	0.419	0.185	1.92E-66	CD8.Ex	Nolc1
Cd51	1.01E-70	0.642723	0.675	0.362	2.49E-66	CD8.Ex	Cd5
Noc4l	1.56E-70	0.86919	0.314	0.118	3.82E-66	CD8.Ex	Noc4l
Lsm6	1.56E-70	0.616313	0.688	0.37	3.83E-66	CD8.Ex	Lsm6
Eef1g1	1.59E-70	0.666041	0.858	0.591	3.89E-66	CD8.Ex	Eef1g
Ssr21	2.40E-70	0.64628	0.669	0.354	5.89E-66	CD8.Ex	Ssr2
Nip7	2.56E-70	0.801468	0.415	0.179	6.27E-66	CD8.Ex	Nip7
Serbp11	5.85E-70	0.57069	0.897	0.665	1.43E-65	CD8.Ex	Serbp1
Bri3bp1	6.75E-70	0.744031	0.395	0.166	1.65E-65	CD8.Ex	Bri3bp
Mdh2	9.39E-70	0.634615	0.834	0.54	2.30E-65	CD8.Ex	Mdh2
Lsm8	9.74E-70	0.595623	0.633	0.326	2.39E-65	CD8.Ex	Lsm8
Cdca7l	1.02E-69	0.933826	0.257	0.087	2.50E-65	CD8.Ex	Cdca7l
Oaz1	1.05E-69	0.404803	0.991	0.896	2.57E-65	CD8.Ex	Oaz1
lpo51	1.22E-69	0.96937	0.375	0.156	2.99E-65	CD8.Ex	lpo5

Cox5b	1.37E-69	0.547071	0.924	0.724	3.35E-65	CD8.Ex	Cox5b
Gclm	1.59E-69	0.666797	0.616	0.317	3.90E-65	CD8.Ex	Gclm
Mak16	2.42E-69	0.661288	0.435	0.191	5.93E-65	CD8.Ex	Mak16
Timm17a	2.46E-69	0.625758	0.53	0.255	6.03E-65	CD8.Ex	Timm17a
Hat11	3.52E-69	0.778175	0.407	0.174	8.61E-65	CD8.Ex	Hat1
Slc29a11	3.79E-69	0.929073	0.384	0.162	9.29E-65	CD8.Ex	Slc29a1
Psemb6	3.84E-69	0.630724	0.793	0.484	9.42E-65	CD8.Ex	Psemb6
Fam92a	3.97E-69	0.846734	0.33	0.128	9.72E-65	CD8.Ex	Fam92a
Rrp1b	4.78E-69	0.932734	0.287	0.104	1.17E-64	CD8.Ex	Rrp1b
Psma2	5.07E-69	0.575666	0.871	0.585	1.24E-64	CD8.Ex	Psma2
Srsf2	5.08E-69	0.700906	0.753	0.455	1.24E-64	CD8.Ex	Srsf2
Uchl3	6.89E-69	0.675571	0.485	0.225	1.69E-64	CD8.Ex	Uchl3
Tmem2561	1.68E-68	0.657277	0.626	0.321	4.11E-64	CD8.Ex	Tmem256
Dpy30	2.32E-68	0.660088	0.56	0.279	5.69E-64	CD8.Ex	Dpy30
Hpf11	2.90E-68	0.693581	0.476	0.22	7.11E-64	CD8.Ex	Hpf1
Rps25	3.14E-68	0.53381	0.943	0.757	7.68E-64	CD8.Ex	Rps25
Rbmxl1	3.26E-68	0.845173	0.31	0.118	7.99E-64	CD8.Ex	Rbmxl1
Ddx211	3.73E-68	0.760738	0.521	0.255	9.14E-64	CD8.Ex	Ddx21
Nsun2	3.83E-68	0.759989	0.432	0.193	9.38E-64	CD8.Ex	Nsun2
Pcbp1	6.10E-68	0.649812	0.851	0.59	1.49E-63	CD8.Ex	Pcbp1
Snrpb	6.53E-68	0.577223	0.88	0.585	1.60E-63	CD8.Ex	Snrpb
Ppan	7.07E-68	1.038752	0.319	0.123	1.73E-63	CD8.Ex	Ppan
Polr2l	7.42E-68	0.740015	0.321	0.124	1.82E-63	CD8.Ex	Polr2l
Pam16	8.76E-68	0.58656	0.522	0.248	2.14E-63	CD8.Ex	Pam16
Nudt21	9.05E-68	0.606896	0.688	0.374	2.22E-63	CD8.Ex	Nudt21
Nop56	1.63E-67	0.827281	0.43	0.196	4.00E-63	CD8.Ex	Nop56
Vdac3	1.89E-67	0.649807	0.594	0.303	4.63E-63	CD8.Ex	Vdac3
Utp18	2.18E-67	0.87989	0.308	0.118	5.35E-63	CD8.Ex	Utp18
Bola2	2.90E-67	0.712081	0.631	0.338	7.09E-63	CD8.Ex	Bola2
Timm501	3.68E-67	0.790498	0.409	0.178	9.02E-63	CD8.Ex	Timm50
Rpl311	3.73E-67	0.542969	0.911	0.697	9.14E-63	CD8.Ex	Rpl31
Mrps7	4.47E-67	0.649363	0.46	0.21	1.09E-62	CD8.Ex	Mrps7
Al5068162	4.64E-67	0.821706	0.408	0.179	1.14E-62	CD8.Ex	Al506816
Tagap1	6.13E-67	1.402353	0.356	0.156	1.50E-62	CD8.Ex	Tagap
Rcc2	9.67E-67	0.815365	0.457	0.213	2.37E-62	CD8.Ex	Rcc2
G3bp1	1.40E-66	0.640107	0.693	0.391	3.44E-62	CD8.Ex	G3bp1
Ppp1r14b2	1.61E-66	0.760312	0.647	0.356	3.94E-62	CD8.Ex	Ppp1r14b
Mrpl18	2.03E-66	0.613106	0.676	0.369	4.96E-62	CD8.Ex	Mrpl18
CAAA01147	2.17E-66	0.621957	0.83	0.545	5.30E-62	CD8.Ex	CAAA01147332.1
Ndufab1	2.26E-66	0.627639	0.719	0.411	5.54E-62	CD8.Ex	Ndufab1
Myl61	2.65E-66	0.441273	0.987	0.894	6.48E-62	CD8.Ex	Myl6
Lat3	3.79E-66	0.591943	0.937	0.662	9.29E-62	CD8.Ex	Lat
Ass11	3.80E-66	0.781305	0.569	0.298	9.30E-62	CD8.Ex	Ass1
Timm23	4.16E-66	0.672172	0.683	0.384	1.02E-61	CD8.Ex	Timm23

I730030J21	4.47E-66	0.788884	0.266	0.093	1.10E-61	CD8.Ex	I730030J21Rik
Ube2n	7.84E-66	0.58692	0.682	0.376	1.92E-61	CD8.Ex	Ube2n
Lyar	1.10E-65	0.91414	0.34	0.139	2.70E-61	CD8.Ex	Lyar
Ddx39	1.19E-65	0.688014	0.587	0.305	2.92E-61	CD8.Ex	Ddx39
Gps1	1.43E-65	0.655115	0.482	0.225	3.51E-61	CD8.Ex	Gps1
Adsl	1.51E-65	0.708877	0.415	0.183	3.70E-61	CD8.Ex	Adsl
Polr3k	1.65E-65	0.637103	0.385	0.164	4.05E-61	CD8.Ex	Polr3k
Atp5j2	1.81E-65	0.519943	0.913	0.718	4.44E-61	CD8.Ex	Atp5j2
Ncbp2	3.88E-65	0.778909	0.361	0.151	9.50E-61	CD8.Ex	Ncbp2
Hdac1	4.35E-65	0.646705	0.61	0.325	1.06E-60	CD8.Ex	Hdac1
Mrpl21	4.58E-65	0.570206	0.553	0.274	1.12E-60	CD8.Ex	Mrpl21
Psme3	4.68E-65	0.746993	0.416	0.186	1.15E-60	CD8.Ex	Psme3
Fkbp4	4.97E-65	0.733399	0.551	0.278	1.22E-60	CD8.Ex	Fkbp4
Calm1	7.34E-65	0.447574	0.979	0.847	1.80E-60	CD8.Ex	Calm1
Stoml2	7.41E-65	0.758914	0.461	0.217	1.82E-60	CD8.Ex	Stoml2
Cst72	1.01E-64	0.644042	0.681	0.378	2.48E-60	CD8.Ex	Cst7
Atp5md	1.04E-64	0.529032	0.87	0.603	2.55E-60	CD8.Ex	Atp5md
Nkg73	1.09E-64	0.73867	0.873	0.654	2.67E-60	CD8.Ex	Nkg7
Prelid11	1.24E-64	0.594017	0.843	0.57	3.03E-60	CD8.Ex	Prelid1
Cpsf2	1.33E-64	0.835036	0.363	0.154	3.26E-60	CD8.Ex	Cpsf2
Stat5a	1.50E-64	1.050444	0.259	0.092	3.66E-60	CD8.Ex	Stat5a
Sdhb	3.00E-64	0.595029	0.78	0.48	7.34E-60	CD8.Ex	Sdhb
Znrd2	3.22E-64	0.880991	0.384	0.168	7.89E-60	CD8.Ex	Znrd2
Psmb7	4.71E-64	0.66949	0.475	0.224	1.15E-59	CD8.Ex	Psmb7
Dera	5.65E-64	0.666671	0.368	0.155	1.38E-59	CD8.Ex	Dera
Mrps12	6.52E-64	0.614209	0.521	0.254	1.60E-59	CD8.Ex	Mrps12
Psmd7	7.48E-64	0.710044	0.549	0.28	1.83E-59	CD8.Ex	Psmd7
Npm32	8.84E-64	0.645659	0.664	0.366	2.16E-59	CD8.Ex	Npm3
Nfkb2	1.12E-63	0.850493	0.357	0.151	2.74E-59	CD8.Ex	Nfkb2
Lsm2	1.34E-63	0.660266	0.51	0.247	3.27E-59	CD8.Ex	Lsm2
Ostc	1.75E-63	0.62915	0.706	0.408	4.28E-59	CD8.Ex	Ostc
Atic	2.02E-63	0.737476	0.387	0.169	4.95E-59	CD8.Ex	Atic
Psmb3	2.12E-63	0.511194	0.898	0.665	5.18E-59	CD8.Ex	Psmb3
Rplp22	2.19E-63	0.349324	0.996	0.932	5.35E-59	CD8.Ex	Rplp2
Rpl23a1	2.77E-63	0.498338	0.926	0.728	6.79E-59	CD8.Ex	Rpl23a
Il2ra1	2.85E-63	0.656434	0.366	0.155	6.98E-59	CD8.Ex	Il2ra
Ccdc124	3.25E-63	0.570088	0.584	0.299	7.96E-59	CD8.Ex	Ccdc124
Ndufa4	4.42E-63	0.506326	0.915	0.708	1.08E-58	CD8.Ex	Ndufa4
Rrp9	8.47E-63	0.885333	0.259	0.092	2.08E-58	CD8.Ex	Rrp9
Wdr83os	9.11E-63	0.603341	0.749	0.45	2.23E-58	CD8.Ex	Wdr83os
Eif6	9.17E-63	0.632852	0.606	0.319	2.24E-58	CD8.Ex	Eif6
7-Sep	9.46E-63	0.631351	0.793	0.502	2.32E-58	CD8.Ex	7-Sep
Psmd8	9.52E-63	0.583798	0.717	0.411	2.33E-58	CD8.Ex	Psmd8
Psmc4	1.08E-62	0.649241	0.58	0.301	2.65E-58	CD8.Ex	Psmc4

Gars	1.19E-62	0.691197	0.523	0.263	2.92E-58	CD8.Ex	Gars
Ube2m	1.38E-62	0.602436	0.726	0.429	3.39E-58	CD8.Ex	Ube2m
Sdr39u1	1.66E-62	0.709456	0.326	0.129	4.06E-58	CD8.Ex	Sdr39u1
1110038B1	1.89E-62	0.94886	0.39	0.177	4.63E-58	CD8.Ex	1110038B12Rik
Mphosph6	1.97E-62	0.768896	0.271	0.101	4.81E-58	CD8.Ex	Mphosph6
Sms	3.24E-62	0.65145	0.492	0.239	7.94E-58	CD8.Ex	Sms
Srsf6	3.50E-62	0.647114	0.579	0.302	8.56E-58	CD8.Ex	Srsf6
Sf3b4	4.09E-62	0.630931	0.545	0.272	1.00E-57	CD8.Ex	Sf3b4
Cox6c	4.26E-62	0.418836	0.957	0.794	1.04E-57	CD8.Ex	Cox6c
Psma3	4.92E-62	0.581284	0.832	0.559	1.20E-57	CD8.Ex	Psma3
Tomm20	5.39E-62	0.640677	0.82	0.525	1.32E-57	CD8.Ex	Tomm20
Mrpl36	5.61E-62	0.654989	0.528	0.267	1.37E-57	CD8.Ex	Mrpl36
Cotl1	6.26E-62	0.626644	0.83	0.576	1.53E-57	CD8.Ex	Cotl1
Psmc2	6.76E-62	0.623641	0.555	0.283	1.66E-57	CD8.Ex	Psmc2
Cd3e2	7.18E-62	0.55019	0.958	0.727	1.76E-57	CD8.Ex	Cd3e
Gart	7.84E-62	0.881567	0.297	0.117	1.92E-57	CD8.Ex	Gart
Hprt	7.99E-62	0.54897	0.704	0.394	1.96E-57	CD8.Ex	Hprt
Coro1a2	1.11E-61	0.443866	0.972	0.896	2.71E-57	CD8.Ex	Coro1a
Cd3d3	1.12E-61	0.485353	0.946	0.698	2.73E-57	CD8.Ex	Cd3d
Alad	1.58E-61	0.680451	0.369	0.16	3.86E-57	CD8.Ex	Alad
Strap	1.58E-61	0.591911	0.496	0.24	3.88E-57	CD8.Ex	Strap
Eef1akmt1	1.75E-61	0.674134	0.4	0.179	4.30E-57	CD8.Ex	Eef1akmt1
Mrpl16	1.79E-61	0.809539	0.336	0.139	4.37E-57	CD8.Ex	Mrpl16
Kcnn42	2.35E-61	0.585566	0.512	0.247	5.74E-57	CD8.Ex	Kcnn4
Nudcd2	2.89E-61	0.671202	0.355	0.15	7.08E-57	CD8.Ex	Nudcd2
Mrpl32	3.19E-61	0.541017	0.491	0.235	7.82E-57	CD8.Ex	Mrpl32
Mrpl35	3.24E-61	0.670662	0.39	0.172	7.93E-57	CD8.Ex	Mrpl35
Eny2	3.80E-61	0.525868	0.579	0.296	9.30E-57	CD8.Ex	Eny2
Nxt1	4.03E-61	0.699552	0.41	0.184	9.88E-57	CD8.Ex	Nxt1
Zap702	4.21E-61	0.553213	0.73	0.413	1.03E-56	CD8.Ex	Zap70
Etfa	4.42E-61	0.533389	0.58	0.294	1.08E-56	CD8.Ex	Etfa
Pmvk	4.95E-61	0.824856	0.269	0.101	1.21E-56	CD8.Ex	Pmvk
Csrp11	6.44E-61	0.651747	0.443	0.205	1.58E-56	CD8.Ex	Csrp1
Metap2	6.68E-61	0.602126	0.616	0.336	1.64E-56	CD8.Ex	Metap2
Mrpl171	6.89E-61	0.655458	0.513	0.256	1.69E-56	CD8.Ex	Mrpl17
Higd1a1	1.22E-60	0.570628	0.7	0.403	2.98E-56	CD8.Ex	Higd1a
Pfkip	1.60E-60	0.58192	0.586	0.302	3.93E-56	CD8.Ex	Pfkip
Ghitm	1.98E-60	0.566957	0.718	0.418	4.84E-56	CD8.Ex	Ghitm
Rel1	1.99E-60	0.920694	0.404	0.187	4.87E-56	CD8.Ex	Rel
Tufm	2.46E-60	0.597882	0.504	0.248	6.02E-56	CD8.Ex	Tufm
Rpn11	2.81E-60	0.59967	0.568	0.292	6.88E-56	CD8.Ex	Rpn1
Atp5g2	3.18E-60	0.431022	0.97	0.826	7.78E-56	CD8.Ex	Atp5g2
Tsfm	3.31E-60	0.783751	0.315	0.128	8.11E-56	CD8.Ex	Tsfm
Raly	3.60E-60	0.554888	0.785	0.492	8.80E-56	CD8.Ex	Raly

Polr2f	3.89E-60	0.519892	0.63	0.341	9.53E-56	CD8.Ex	Polr2f
Cox7c	4.46E-60	0.485467	0.926	0.713	1.09E-55	CD8.Ex	Cox7c
Itpa	6.49E-60	0.829051	0.282	0.108	1.59E-55	CD8.Ex	Itpa
Got2	6.52E-60	0.60411	0.451	0.212	1.60E-55	CD8.Ex	Got2
Rpl36a2	8.63E-60	0.427224	0.97	0.845	2.11E-55	CD8.Ex	Rpl36a
Atp5o	1.04E-59	0.528528	0.849	0.57	2.54E-55	CD8.Ex	Atp5o
Snrnp25	1.06E-59	0.602302	0.38	0.166	2.59E-55	CD8.Ex	Snrnp25
Snrnp40	1.28E-59	0.488997	0.528	0.26	3.14E-55	CD8.Ex	Snrnp40
Btg3	1.29E-59	0.729613	0.46	0.219	3.15E-55	CD8.Ex	Btg3
Cks1b1	1.37E-59	0.611355	0.322	0.129	3.36E-55	CD8.Ex	Cks1b
Anapc151	1.40E-59	0.943884	0.296	0.119	3.43E-55	CD8.Ex	Anapc15
Lsm4	1.44E-59	0.582106	0.802	0.523	3.51E-55	CD8.Ex	Lsm4
Crlf21	1.44E-59	0.593353	0.664	0.362	3.54E-55	CD8.Ex	Crlf2
Pomp1	1.79E-59	0.556439	0.826	0.531	4.38E-55	CD8.Ex	Pomp
Psm6	1.93E-59	0.614298	0.495	0.243	4.73E-55	CD8.Ex	Psm6
Ccl41	2.65E-59	2.651213	0.414	0.212	6.50E-55	CD8.Ex	Ccl4
Pfdn1	2.88E-59	0.533229	0.578	0.304	7.06E-55	CD8.Ex	Pfdn1
Rpl62	3.03E-59	0.326413	0.996	0.943	7.41E-55	CD8.Ex	Rpl6
Chchd1	3.77E-59	0.569756	0.574	0.297	9.24E-55	CD8.Ex	Chchd1
Psmc5	4.35E-59	0.559602	0.596	0.312	1.07E-54	CD8.Ex	Psmc5
1500011BC	4.42E-59	0.61055	0.445	0.21	1.08E-54	CD8.Ex	1500011B03Rik
Hnrnpa0	4.54E-59	0.615215	0.722	0.44	1.11E-54	CD8.Ex	Hnrnpa0
Trac2	4.76E-59	0.485661	0.729	0.412	1.17E-54	CD8.Ex	Trac
Rnps1	5.09E-59	0.544322	0.607	0.321	1.25E-54	CD8.Ex	Rnps1
Snrpc	5.79E-59	0.57942	0.658	0.368	1.42E-54	CD8.Ex	Snrpc
Topbp11	8.44E-59	0.664098	0.335	0.14	2.07E-54	CD8.Ex	Topbp1
Nol7	8.50E-59	0.550178	0.78	0.48	2.08E-54	CD8.Ex	Nol7
Mrpl42	8.57E-59	0.582667	0.612	0.327	2.10E-54	CD8.Ex	Mrpl42
Mphosph10	1.13E-58	0.805432	0.348	0.15	2.76E-54	CD8.Ex	Mphosph10
Txn2	1.17E-58	0.57309	0.684	0.392	2.87E-54	CD8.Ex	Txn2
St13	2.20E-58	0.618523	0.505	0.255	5.40E-54	CD8.Ex	St13
Nfkbib	2.26E-58	0.621629	0.468	0.224	5.53E-54	CD8.Ex	Nfkbib
Psmb2	2.34E-58	0.528638	0.771	0.471	5.72E-54	CD8.Ex	Psmb2
Smc21	2.64E-58	0.503253	0.367	0.154	6.46E-54	CD8.Ex	Smc2
Ruvbl1	2.66E-58	0.628274	0.357	0.154	6.51E-54	CD8.Ex	Ruvbl1
Polr2c	3.22E-58	0.580188	0.507	0.253	7.87E-54	CD8.Ex	Polr2c
Psm15	4.25E-58	0.597002	0.468	0.228	1.04E-53	CD8.Ex	Psm1
Bcl7c	4.28E-58	0.561258	0.538	0.275	1.05E-53	CD8.Ex	Bcl7c
Dek1	4.42E-58	0.538308	0.691	0.388	1.08E-53	CD8.Ex	Dek
Taf10	4.66E-58	0.49007	0.891	0.618	1.14E-53	CD8.Ex	Taf10
Farsb	4.86E-58	0.641367	0.378	0.169	1.19E-53	CD8.Ex	Farsb
Ltv1	5.34E-58	0.858155	0.267	0.102	1.31E-53	CD8.Ex	Ltv1
Eef1b21	6.86E-58	0.403396	0.98	0.851	1.68E-53	CD8.Ex	Eef1b2
Chchd21	7.14E-58	0.532637	0.82	0.55	1.75E-53	CD8.Ex	Chchd2

Nop101	1.06E-57	0.56023	0.813	0.536	2.59E-53	CD8.Ex	Nop10
PsmD2	1.15E-57	0.558191	0.532	0.269	2.81E-53	CD8.Ex	PsmD2
Rwdd11	2.06E-57	0.540544	0.71	0.418	5.04E-53	CD8.Ex	Rwdd1
PsmD13	2.17E-57	0.541324	0.599	0.318	5.30E-53	CD8.Ex	PsmD13
Eef1a12	2.31E-57	0.274548	1	0.984	5.65E-53	CD8.Ex	Eef1a1
181003711	2.36E-57	0.543518	0.816	0.555	5.79E-53	CD8.Ex	1810037117Rik
Ube2l3	2.47E-57	0.502861	0.694	0.394	6.05E-53	CD8.Ex	Ube2l3
Rexo2	3.32E-57	0.603824	0.623	0.347	8.14E-53	CD8.Ex	Rexo2
Tnfrsf181	3.36E-57	0.607874	0.717	0.43	8.23E-53	CD8.Ex	Tnfrsf18
Uba2	4.11E-57	0.541738	0.535	0.271	1.01E-52	CD8.Ex	Uba2
Larp7	4.35E-57	0.676125	0.379	0.17	1.07E-52	CD8.Ex	Larp7
Dcps	4.65E-57	0.558486	0.467	0.225	1.14E-52	CD8.Ex	Dcps
E2f4	5.23E-57	0.540719	0.575	0.303	1.28E-52	CD8.Ex	E2f4
Ola1	5.53E-57	0.529842	0.542	0.277	1.35E-52	CD8.Ex	Ola1
Rps192	6.01E-57	0.332145	0.994	0.94	1.47E-52	CD8.Ex	Rps19
Sec61g1	7.13E-57	0.501579	0.866	0.609	1.75E-52	CD8.Ex	Sec61g
Atp5k	7.27E-57	0.612995	0.608	0.338	1.78E-52	CD8.Ex	Atp5k
Aldoa1	7.46E-57	0.560605	0.91	0.73	1.83E-52	CD8.Ex	Aldoa
Mmd1	7.54E-57	0.645887	0.377	0.168	1.85E-52	CD8.Ex	Mmd
Ndufs8	7.99E-57	0.509369	0.635	0.347	1.96E-52	CD8.Ex	Ndufs8
Wdr18	8.39E-57	0.682931	0.354	0.155	2.06E-52	CD8.Ex	Wdr18
Rbis	1.25E-56	0.530796	0.621	0.343	3.05E-52	CD8.Ex	Rbis
Wdr75	1.40E-56	0.854932	0.26	0.099	3.42E-52	CD8.Ex	Wdr75
Mrps14	1.82E-56	0.487753	0.691	0.391	4.46E-52	CD8.Ex	Mrps14
Cinp	1.83E-56	0.905714	0.258	0.099	4.49E-52	CD8.Ex	Cinp
Ergic1	2.24E-56	0.632758	0.383	0.175	5.48E-52	CD8.Ex	Ergic1
Actl6a	2.25E-56	0.563513	0.457	0.219	5.51E-52	CD8.Ex	Actl6a
Mad2l21	2.26E-56	0.731942	0.312	0.131	5.54E-52	CD8.Ex	Mad2l2
Wdr61	4.40E-56	0.626648	0.41	0.191	1.08E-51	CD8.Ex	Wdr61
Eif2s2	4.99E-56	0.616063	0.731	0.445	1.22E-51	CD8.Ex	Eif2s2
Cdc37	5.09E-56	0.541733	0.761	0.469	1.25E-51	CD8.Ex	Cdc37
Eif5b	5.88E-56	0.50605	0.551	0.284	1.44E-51	CD8.Ex	Eif5b
Tmem14c1	6.48E-56	0.534618	0.727	0.426	1.59E-51	CD8.Ex	Tmem14c
Ndufa12	7.32E-56	0.565563	0.657	0.376	1.79E-51	CD8.Ex	Ndufa12
Ppih	8.08E-56	0.702982	0.303	0.125	1.98E-51	CD8.Ex	Ppih
Mrpl40	8.44E-56	0.521663	0.488	0.242	2.07E-51	CD8.Ex	Mrpl40
Eif3h1	8.56E-56	0.448299	0.932	0.725	2.10E-51	CD8.Ex	Eif3h
Eif3g	8.74E-56	0.577884	0.549	0.287	2.14E-51	CD8.Ex	Eif3g
Hnrnpl	9.22E-56	0.50274	0.836	0.56	2.26E-51	CD8.Ex	Hnrnpl
Ndufa11	9.42E-56	0.492363	0.81	0.518	2.31E-51	CD8.Ex	Ndufa11
Rabggtb	9.53E-56	0.576941	0.367	0.164	2.33E-51	CD8.Ex	Rabggtb
Exosc3	1.17E-55	0.595185	0.493	0.249	2.86E-51	CD8.Ex	Exosc3
Mogs1	1.67E-55	0.583042	0.467	0.229	4.08E-51	CD8.Ex	Mogs
Gins4	1.74E-55	0.817122	0.314	0.133	4.27E-51	CD8.Ex	Gins4

Mrpl23	1.99E-55	0.573096	0.675	0.386	4.88E-51	CD8.Ex	Mrpl23
Micos10	3.99E-55	0.500177	0.751	0.449	9.78E-51	CD8.Ex	Micos10
Impa2	4.47E-55	0.652663	0.357	0.158	1.10E-50	CD8.Ex	Impa2
Gnl1	4.49E-55	0.631589	0.361	0.16	1.10E-50	CD8.Ex	Gnl1
Ptprcap2	6.30E-55	0.42613	0.954	0.763	1.54E-50	CD8.Ex	Ptprcap
Tars	6.62E-55	0.750724	0.339	0.148	1.62E-50	CD8.Ex	Tars
Eprs	7.13E-55	0.555285	0.488	0.245	1.75E-50	CD8.Ex	Eprs
Anp32e	7.43E-55	0.512345	0.589	0.312	1.82E-50	CD8.Ex	Anp32e
Fdx2	7.43E-55	0.571553	0.41	0.192	1.82E-50	CD8.Ex	Fdx2
Tubg1	7.52E-55	0.83591	0.268	0.106	1.84E-50	CD8.Ex	Tubg1
Fdps1	8.40E-55	1.003952	0.333	0.149	2.06E-50	CD8.Ex	Fdps
Srsf7	9.45E-55	0.572595	0.791	0.516	2.31E-50	CD8.Ex	Srsf7
Aprt2	9.75E-55	0.535115	0.734	0.446	2.39E-50	CD8.Ex	Aprt
Tcof1	1.11E-54	0.576589	0.466	0.231	2.72E-50	CD8.Ex	Tcof1
Vasp2	1.26E-54	0.520285	0.781	0.49	3.09E-50	CD8.Ex	Vasp
Hnrnpd	1.27E-54	0.544225	0.778	0.489	3.11E-50	CD8.Ex	Hnrnpd
Mrps18a	1.29E-54	0.48347	0.483	0.237	3.15E-50	CD8.Ex	Mrps18a
Ddx27	1.53E-54	0.638174	0.406	0.191	3.75E-50	CD8.Ex	Ddx27
Pes11	1.91E-54	0.653622	0.374	0.171	4.68E-50	CD8.Ex	Pes1
Nubp1	2.09E-54	0.52416	0.489	0.246	5.11E-50	CD8.Ex	Nubp1
Pdcd5	2.10E-54	0.486427	0.725	0.427	5.15E-50	CD8.Ex	Pdcd5
Snhg6	2.15E-54	0.803546	0.274	0.11	5.27E-50	CD8.Ex	Snhg6
Uqcc21	3.75E-54	0.502387	0.69	0.405	9.19E-50	CD8.Ex	Uqcc2
Commd11	4.17E-54	0.514322	0.5	0.249	1.02E-49	CD8.Ex	Commd1
Parp11	4.32E-54	0.66664	0.344	0.151	1.06E-49	CD8.Ex	Parp1
Slc25a3	4.55E-54	0.467019	0.922	0.704	1.11E-49	CD8.Ex	Slc25a3
Eif3c	8.08E-54	0.568706	0.731	0.451	1.98E-49	CD8.Ex	Eif3c
Uqcrc2	8.80E-54	0.483877	0.656	0.366	2.16E-49	CD8.Ex	Uqcrc2
Psma1	9.59E-54	0.520208	0.625	0.349	2.35E-49	CD8.Ex	Psma1
Slamf73	1.05E-53	0.751559	0.478	0.242	2.57E-49	CD8.Ex	Slamf7
Arf51	1.08E-53	0.445647	0.918	0.679	2.65E-49	CD8.Ex	Arf5
Foxp4	1.39E-53	0.616369	0.296	0.121	3.39E-49	CD8.Ex	Foxp4
Nifk	1.63E-53	0.733157	0.277	0.111	3.98E-49	CD8.Ex	Nifk
Ndufa5	1.67E-53	0.487453	0.653	0.371	4.09E-49	CD8.Ex	Ndufa5
Igflr11	2.85E-53	0.391118	0.439	0.206	6.97E-49	CD8.Ex	Igflr1
Mrps11	2.89E-53	0.634293	0.33	0.143	7.08E-49	CD8.Ex	Mrps11
Ppp1ca	3.05E-53	0.501996	0.899	0.691	7.46E-49	CD8.Ex	Ppp1ca
Sdhaf11	3.49E-53	0.573787	0.382	0.176	8.55E-49	CD8.Ex	Sdhaf1
119000710	3.52E-53	0.616167	0.309	0.13	8.62E-49	CD8.Ex	1190007107Rik
Cenpv	4.20E-53	0.681041	0.26	0.102	1.03E-48	CD8.Ex	Cenpv
Psm3	4.86E-53	0.574441	0.445	0.217	1.19E-48	CD8.Ex	Psm3
Timm10	4.90E-53	0.834282	0.303	0.129	1.20E-48	CD8.Ex	Timm10
Arpc51	5.80E-53	0.529758	0.857	0.602	1.42E-48	CD8.Ex	Arpc5
Rpl273	6.65E-53	0.292166	0.998	0.937	1.63E-48	CD8.Ex	Rpl27

Hnrnpdl	8.08E-53	0.527828	0.67	0.388	1.98E-48	CD8.Ex	Hnrnpdl
Eif4a3	8.63E-53	0.504859	0.639	0.359	2.11E-48	CD8.Ex	Eif4a3
Rpl102	9.07E-53	0.319073	0.994	0.916	2.22E-48	CD8.Ex	Rpl10
Trp531	9.31E-53	0.507034	0.651	0.369	2.28E-48	CD8.Ex	Trp53
Med11	1.13E-52	0.510919	0.38	0.175	2.78E-48	CD8.Ex	Med11
Ndufc1	1.42E-52	0.48924	0.67	0.38	3.48E-48	CD8.Ex	Ndufc1
Rsl24d1	1.67E-52	0.510014	0.383	0.176	4.09E-48	CD8.Ex	Rsl24d1
Txn1	1.89E-52	0.52751	0.61	0.338	4.62E-48	CD8.Ex	Txn1
Thyn1	1.97E-52	0.643319	0.293	0.122	4.82E-48	CD8.Ex	Thyn1
Nrm1	2.10E-52	0.834203	0.312	0.135	5.13E-48	CD8.Ex	Nrm
Fdx1	2.19E-52	0.477824	0.349	0.154	5.36E-48	CD8.Ex	Fdx1
Rbm8a	2.47E-52	0.545824	0.558	0.297	6.06E-48	CD8.Ex	Rbm8a
Ndufb8	2.52E-52	0.496459	0.78	0.489	6.17E-48	CD8.Ex	Ndufb8
Rgcc	2.67E-52	1.430911	0.314	0.138	6.55E-48	CD8.Ex	Rgcc
Psmc3	3.09E-52	0.474986	0.683	0.389	7.57E-48	CD8.Ex	Psmc3
Bccip	3.69E-52	0.477273	0.488	0.246	9.04E-48	CD8.Ex	Bccip
Emc6	3.80E-52	0.551989	0.594	0.325	9.32E-48	CD8.Ex	Emc6
Rpl51	4.09E-52	0.378686	0.964	0.827	1.00E-47	CD8.Ex	Rpl5
Elp5	4.20E-52	0.623579	0.352	0.16	1.03E-47	CD8.Ex	Elp5
Desi1	4.21E-52	0.476628	0.352	0.156	1.03E-47	CD8.Ex	Desi1
Sec13	4.84E-52	0.506482	0.596	0.327	1.18E-47	CD8.Ex	Sec13
Ndufv2	5.41E-52	0.521921	0.713	0.427	1.32E-47	CD8.Ex	Ndufv2
Lsm3	5.45E-52	0.510086	0.516	0.263	1.33E-47	CD8.Ex	Lsm3
Fh11	6.77E-52	0.589033	0.367	0.169	1.66E-47	CD8.Ex	Fh1
Pfdn4	6.84E-52	0.680432	0.278	0.114	1.68E-47	CD8.Ex	Pfdn4
Plscr1	7.26E-52	0.576277	0.325	0.14	1.78E-47	CD8.Ex	Plscr1
Get4	8.51E-52	0.513679	0.412	0.195	2.08E-47	CD8.Ex	Get4
Llph	8.63E-52	0.451582	0.652	0.367	2.11E-47	CD8.Ex	Llph
Rps19bp1	1.03E-51	0.66577	0.312	0.135	2.52E-47	CD8.Ex	Rps19bp1
Ndufa1	1.11E-51	0.47145	0.779	0.49	2.71E-47	CD8.Ex	Ndufa1
Ftsj3	1.62E-51	0.82131	0.293	0.124	3.96E-47	CD8.Ex	Ftsj3
Abcf2	1.69E-51	0.527145	0.328	0.144	4.15E-47	CD8.Ex	Abcf2
Zbtb8os	2.01E-51	0.4617	0.459	0.226	4.92E-47	CD8.Ex	Zbtb8os
Pdk3	2.17E-51	0.692608	0.281	0.116	5.32E-47	CD8.Ex	Pdk3
Tma71	2.22E-51	0.45964	0.895	0.664	5.43E-47	CD8.Ex	Tma7
Lsm12	2.31E-51	0.487572	0.559	0.298	5.65E-47	CD8.Ex	Lsm12
Pebp1	2.52E-51	0.479794	0.789	0.499	6.16E-47	CD8.Ex	Pebp1
Bak11	3.02E-51	0.692713	0.38	0.18	7.40E-47	CD8.Ex	Bak1
Ndufaf4	3.59E-51	0.685433	0.3	0.127	8.78E-47	CD8.Ex	Ndufaf4
Ctdnep1	3.84E-51	0.657124	0.464	0.238	9.39E-47	CD8.Ex	Ctdnep1
Mrpl41	3.89E-51	0.489451	0.462	0.23	9.52E-47	CD8.Ex	Mrpl41
Mrpl19	3.99E-51	0.596702	0.289	0.12	9.77E-47	CD8.Ex	Mrpl19
Pdia61	4.36E-51	0.481295	0.662	0.379	1.07E-46	CD8.Ex	Pdia6
Psmg4	5.20E-51	0.474127	0.468	0.235	1.27E-46	CD8.Ex	Psmg4

Utp4	5.37E-51	0.640371	0.252	0.098	1.31E-46	CD8.Ex	Utp4
Mrps25	5.72E-51	0.705165	0.313	0.137	1.40E-46	CD8.Ex	Mrps25
Smarca5	5.90E-51	0.462719	0.616	0.336	1.45E-46	CD8.Ex	Smarca5
Gspt11	6.20E-51	0.466179	0.553	0.294	1.52E-46	CD8.Ex	Gspt1
Hmbs	6.24E-51	0.609494	0.266	0.108	1.53E-46	CD8.Ex	Hmbs
Aimp1	7.56E-51	0.421513	0.62	0.341	1.85E-46	CD8.Ex	Aimp1
Naa10	8.86E-51	0.657425	0.266	0.107	2.17E-46	CD8.Ex	Naa10
Gtf2h5	9.54E-51	0.510014	0.606	0.336	2.34E-46	CD8.Ex	Gtf2h5
Ssb	9.67E-51	0.462453	0.767	0.474	2.37E-46	CD8.Ex	Ssb
Yrdc	1.00E-50	0.543063	0.318	0.137	2.46E-46	CD8.Ex	Yrdc
A430005L1	1.21E-50	0.623997	0.362	0.166	2.95E-46	CD8.Ex	A430005L14Rik
Myc1	1.21E-50	1.108205	0.361	0.174	2.97E-46	CD8.Ex	Myc
Ptbp1	1.29E-50	0.476862	0.556	0.298	3.17E-46	CD8.Ex	Ptbp1
Adamts61	1.51E-50	0.639351	0.274	0.112	3.70E-46	CD8.Ex	Adamts6
Ubtf	1.68E-50	0.439051	0.512	0.264	4.11E-46	CD8.Ex	Ubtf
Tmem126a	1.83E-50	0.545594	0.438	0.217	4.49E-46	CD8.Ex	Tmem126a
Pmf11	1.98E-50	0.791445	0.276	0.115	4.85E-46	CD8.Ex	Pmf1
Rpl82	2.12E-50	0.271567	0.996	0.95	5.19E-46	CD8.Ex	Rpl8
Nol11	2.14E-50	0.56658	0.307	0.131	5.25E-46	CD8.Ex	Nol11
Cox6b1	2.37E-50	0.412378	0.925	0.712	5.80E-46	CD8.Ex	Cox6b1
Pum3	2.39E-50	0.648756	0.318	0.139	5.85E-46	CD8.Ex	Pum3
Lcp1	2.60E-50	0.395435	0.956	0.817	6.36E-46	CD8.Ex	Lcp1
Gnpnat1	2.76E-50	0.695613	0.275	0.113	6.76E-46	CD8.Ex	Gnpnat1
Rpl261	2.76E-50	0.316952	0.993	0.931	6.77E-46	CD8.Ex	Rpl26
Smarca1	3.11E-50	0.434631	0.456	0.225	7.62E-46	CD8.Ex	Smarca1
Meaf6	3.25E-50	0.613829	0.383	0.182	7.97E-46	CD8.Ex	Meaf6
Cdk2ap11	3.30E-50	0.635511	0.341	0.154	8.08E-46	CD8.Ex	Cdk2ap1
Smc1a1	3.38E-50	0.471872	0.561	0.299	8.27E-46	CD8.Ex	Smc1a
Pus1	3.38E-50	0.724062	0.25	0.098	8.28E-46	CD8.Ex	Pus1
Eif4ebp11	4.35E-50	0.869419	0.386	0.186	1.07E-45	CD8.Ex	Eif4ebp1
Ddx19a	4.69E-50	0.662582	0.267	0.109	1.15E-45	CD8.Ex	Ddx19a
Rpp25l	4.73E-50	0.477209	0.382	0.179	1.16E-45	CD8.Ex	Rpp25l
Abcb9	5.35E-50	0.558903	0.355	0.16	1.31E-45	CD8.Ex	Abcb9
Elob1	5.60E-50	0.391863	0.941	0.763	1.37E-45	CD8.Ex	Elob
Eloc	5.65E-50	0.453011	0.682	0.402	1.38E-45	CD8.Ex	Eloc
Trmt6	6.62E-50	0.574209	0.338	0.152	1.62E-45	CD8.Ex	Trmt6
Nab2	9.72E-50	1.018489	0.266	0.111	2.38E-45	CD8.Ex	Nab2
Itgae1	1.02E-49	0.688875	0.364	0.171	2.50E-45	CD8.Ex	Itgae
Rars	1.21E-49	0.498765	0.348	0.158	2.97E-45	CD8.Ex	Rars
Mrps162	1.27E-49	0.439671	0.706	0.421	3.10E-45	CD8.Ex	Mrps16
Bop1	1.27E-49	0.650601	0.267	0.109	3.11E-45	CD8.Ex	Bop1
Ap1s1	1.37E-49	0.526472	0.438	0.218	3.36E-45	CD8.Ex	Ap1s1
Sar1a	1.56E-49	0.468331	0.468	0.236	3.81E-45	CD8.Ex	Sar1a
Psm14	1.65E-49	0.3992	0.585	0.315	4.04E-45	CD8.Ex	Psm14

Eif4e	1.72E-49	0.550652	0.473	0.243	4.20E-45	CD8.Ex	Eif4e
Il21r1	2.03E-49	0.525486	0.618	0.349	4.97E-45	CD8.Ex	Il21r
Emd	2.14E-49	0.460858	0.52	0.274	5.25E-45	CD8.Ex	Emd
Abce1	2.86E-49	0.553437	0.329	0.147	7.02E-45	CD8.Ex	Abce1
Dph31	3.10E-49	0.416919	0.515	0.267	7.59E-45	CD8.Ex	Dph3
Calr1	3.16E-49	0.505727	0.679	0.397	7.74E-45	CD8.Ex	Calr
Lsm5	3.18E-49	0.464128	0.607	0.336	7.79E-45	CD8.Ex	Lsm5
Tomm6	3.73E-49	0.427239	0.929	0.71	9.14E-45	CD8.Ex	Tomm6
Mrpl45	3.89E-49	0.553261	0.277	0.115	9.52E-45	CD8.Ex	Mrpl45
2210016F1	4.07E-49	0.441035	0.431	0.212	9.96E-45	CD8.Ex	2210016F16Rik
Cdc123	4.53E-49	0.439104	0.512	0.266	1.11E-44	CD8.Ex	Cdc123
Cops3	5.43E-49	0.529277	0.389	0.185	1.33E-44	CD8.Ex	Cops3
Rnf1491	5.83E-49	0.703235	0.344	0.159	1.43E-44	CD8.Ex	Rnf149
Hspa9	7.07E-49	0.662387	0.464	0.24	1.73E-44	CD8.Ex	Hspa9
Tmem1471	7.09E-49	0.523863	0.44	0.221	1.74E-44	CD8.Ex	Tmem147
Glrx2	7.71E-49	0.387492	0.446	0.22	1.89E-44	CD8.Ex	Glrx2
Ezh21	8.20E-49	0.497752	0.392	0.187	2.01E-44	CD8.Ex	Ezh2
Srgn1	8.90E-49	0.624246	0.964	0.85	2.18E-44	CD8.Ex	Srgn
Sub12	9.42E-49	0.440956	0.946	0.77	2.31E-44	CD8.Ex	Sub1
Ppid	1.11E-48	0.584089	0.374	0.178	2.71E-44	CD8.Ex	Ppid
Pfdn6	1.14E-48	0.473294	0.457	0.231	2.80E-44	CD8.Ex	Pfdn6
Tmem2581	1.17E-48	0.450237	0.832	0.564	2.88E-44	CD8.Ex	Tmem258
Rhof2	1.19E-48	0.429574	0.483	0.241	2.90E-44	CD8.Ex	Rhof
Pop52	1.90E-48	0.430367	0.557	0.299	4.65E-44	CD8.Ex	Pop5
Tomm70a	2.32E-48	0.487743	0.436	0.216	5.69E-44	CD8.Ex	Tomm70a
Nt5c1	2.51E-48	0.423851	0.705	0.423	6.15E-44	CD8.Ex	Nt5c
Exosc7	2.75E-48	0.479855	0.423	0.207	6.74E-44	CD8.Ex	Exosc7
Fcf1	2.78E-48	0.411679	0.519	0.273	6.82E-44	CD8.Ex	Fcf1
Thoc7	2.93E-48	0.44381	0.573	0.313	7.17E-44	CD8.Ex	Thoc7
Eif3d	2.99E-48	0.461679	0.609	0.342	7.32E-44	CD8.Ex	Eif3d
Gtpbp4	3.04E-48	0.485656	0.436	0.216	7.45E-44	CD8.Ex	Gtpbp4
Trbv3	3.09E-48	1.048797	0.282	0.124	7.56E-44	CD8.Ex	Trbv3
Eif3a	3.20E-48	0.499993	0.699	0.424	7.83E-44	CD8.Ex	Eif3a
Imp3	3.64E-48	0.466384	0.564	0.309	8.91E-44	CD8.Ex	Imp3
Dynll1	3.98E-48	0.494021	0.849	0.606	9.75E-44	CD8.Ex	Dynll1
Mif4gd1	4.58E-48	0.439803	0.522	0.278	1.12E-43	CD8.Ex	Mif4gd
Rpl223	4.60E-48	0.309748	0.988	0.912	1.13E-43	CD8.Ex	Rpl22
Akip1	4.68E-48	0.583431	0.298	0.13	1.15E-43	CD8.Ex	Akip1
Sap18	4.73E-48	0.454933	0.761	0.486	1.16E-43	CD8.Ex	Sap18
Psme11	5.03E-48	0.394028	0.955	0.776	1.23E-43	CD8.Ex	Psme1
Cenpw	5.05E-48	0.823458	0.253	0.103	1.24E-43	CD8.Ex	Cenpw
Hspbp1	5.92E-48	0.490489	0.363	0.169	1.45E-43	CD8.Ex	Hspbp1
Bzw1	6.01E-48	0.485735	0.685	0.409	1.47E-43	CD8.Ex	Bzw1
Brix1	6.19E-48	0.473681	0.423	0.208	1.52E-43	CD8.Ex	Brix1

Casp8ap2	6.88E-48	0.52425	0.308	0.135	1.68E-43	CD8.Ex	Casp8ap2
Rnaseh2a	7.29E-48	0.620814	0.319	0.143	1.79E-43	CD8.Ex	Rnaseh2a
Yif1b1	7.62E-48	0.635719	0.396	0.194	1.86E-43	CD8.Ex	Yif1b
Mrpl33	8.08E-48	0.457475	0.783	0.511	1.98E-43	CD8.Ex	Mrpl33
Sem1	9.45E-48	0.382228	0.93	0.718	2.31E-43	CD8.Ex	Sem1
Ssbp1	9.59E-48	0.424211	0.525	0.28	2.35E-43	CD8.Ex	Ssbp1
Rps27a1	1.10E-47	0.278531	0.999	0.966	2.69E-43	CD8.Ex	Rps27a
Atp5a1	1.12E-47	0.455393	0.864	0.61	2.75E-43	CD8.Ex	Atp5a1
Yeats4	1.54E-47	0.382941	0.49	0.252	3.78E-43	CD8.Ex	Yeats4
Ndufv1	1.55E-47	0.47418	0.499	0.26	3.79E-43	CD8.Ex	Ndufv1
U2af2	1.88E-47	0.419704	0.583	0.32	4.61E-43	CD8.Ex	U2af2
Rnf19a	1.98E-47	0.525979	0.286	0.122	4.86E-43	CD8.Ex	Rnf19a
Adss	2.19E-47	0.371622	0.471	0.239	5.36E-43	CD8.Ex	Adss
Sfpq	2.33E-47	0.44542	0.709	0.425	5.71E-43	CD8.Ex	Sfpq
Usp1	2.46E-47	0.618204	0.404	0.2	6.04E-43	CD8.Ex	Usp1
Creld21	2.53E-47	0.597275	0.351	0.164	6.21E-43	CD8.Ex	Creld2
Litaf1	2.63E-47	0.523162	0.532	0.292	6.44E-43	CD8.Ex	Litaf
Rpa1	3.07E-47	0.466958	0.441	0.222	7.53E-43	CD8.Ex	Rpa1
Cyc1	3.38E-47	0.47071	0.675	0.389	8.28E-43	CD8.Ex	Cyc1
Cenpx	3.59E-47	0.448398	0.664	0.385	8.80E-43	CD8.Ex	Cenpx
Trim281	4.86E-47	0.52232	0.465	0.24	1.19E-42	CD8.Ex	Trim28
Glr5	5.31E-47	0.401931	0.544	0.294	1.30E-42	CD8.Ex	Glr5
Carnmt1	6.70E-47	0.431851	0.324	0.145	1.64E-42	CD8.Ex	Carnmt1
Manf1	7.29E-47	0.513609	0.69	0.422	1.79E-42	CD8.Ex	Manf
Hspa14	8.03E-47	0.466314	0.343	0.158	1.97E-42	CD8.Ex	Hspa14
Nubp2	9.15E-47	0.606727	0.316	0.141	2.24E-42	CD8.Ex	Nubp2
Ap2s1	9.46E-47	0.47845	0.675	0.401	2.32E-42	CD8.Ex	Ap2s1
Ebp	1.01E-46	0.399457	0.539	0.288	2.47E-42	CD8.Ex	Ebp
Bzw2	1.01E-46	0.550588	0.345	0.162	2.48E-42	CD8.Ex	Bzw2
Tmem167	1.07E-46	0.424295	0.688	0.412	2.61E-42	CD8.Ex	Tmem167
Ddx1	1.15E-46	0.63205	0.32	0.146	2.80E-42	CD8.Ex	Ddx1
Mrps18b	1.37E-46	0.759414	0.265	0.112	3.35E-42	CD8.Ex	Mrps18b
Ube2a	1.54E-46	0.454933	0.543	0.294	3.77E-42	CD8.Ex	Ube2a
Hnrnpu	1.65E-46	0.482354	0.846	0.596	4.04E-42	CD8.Ex	Hnrnpu
Eif3m1	1.76E-46	0.429851	0.769	0.484	4.32E-42	CD8.Ex	Eif3m
Bex3	1.93E-46	0.427508	0.519	0.273	4.72E-42	CD8.Ex	Bex3
Rpl112	2.05E-46	0.250691	0.999	0.964	5.01E-42	CD8.Ex	Rpl11
Rpl36al2	2.08E-46	0.348263	0.966	0.843	5.09E-42	CD8.Ex	Rpl36al
Polr2j	2.34E-46	0.365581	0.613	0.344	5.74E-42	CD8.Ex	Polr2j
Atad21	2.48E-46	0.452504	0.373	0.177	6.07E-42	CD8.Ex	Atad2
Sf3a1	3.27E-46	0.521731	0.412	0.205	8.02E-42	CD8.Ex	Sf3a1
Ndufb5	4.01E-46	0.433437	0.784	0.488	9.82E-42	CD8.Ex	Ndufb5
Smn1	4.29E-46	0.625633	0.289	0.126	1.05E-41	CD8.Ex	Smn1
Gtf3c6	4.59E-46	0.453897	0.375	0.179	1.12E-41	CD8.Ex	Gtf3c6

Polr2d	5.37E-46	0.455681	0.374	0.178	1.31E-41	CD8.Ex	Polr2d
Plk3	5.96E-46	0.843643	0.274	0.119	1.46E-41	CD8.Ex	Plk3
Emc8	6.11E-46	0.450432	0.395	0.194	1.50E-41	CD8.Ex	Emc8
Dcaf13	6.43E-46	0.398207	0.358	0.167	1.58E-41	CD8.Ex	Dcaf13
Ciao2a	7.92E-46	0.443585	0.601	0.334	1.94E-41	CD8.Ex	Ciao2a
Cops5	8.38E-46	0.454414	0.409	0.202	2.05E-41	CD8.Ex	Cops5
Rrp1	1.01E-45	0.480107	0.625	0.361	2.48E-41	CD8.Ex	Rrp1
Prkcsh1	1.03E-45	0.585562	0.421	0.215	2.53E-41	CD8.Ex	Prkcsh
Cs	1.07E-45	0.41404	0.498	0.263	2.62E-41	CD8.Ex	Cs
Gsto11	1.15E-45	0.847881	0.25	0.105	2.82E-41	CD8.Ex	Gsto1
Pop7	1.17E-45	0.579166	0.38	0.185	2.88E-41	CD8.Ex	Pop7
H3f3a	1.21E-45	0.339731	0.977	0.824	2.97E-41	CD8.Ex	H3f3a
Pthr2	1.49E-45	0.69458	0.295	0.132	3.64E-41	CD8.Ex	Pthr2
Hmgb2	1.50E-45	0.533743	0.811	0.609	3.68E-41	CD8.Ex	Hmgb2
Tubb51	1.54E-45	0.28409	0.815	0.578	3.76E-41	CD8.Ex	Tubb5
Prpf19	1.54E-45	0.464551	0.459	0.237	3.77E-41	CD8.Ex	Prpf19
Rps3a12	1.69E-45	0.250375	0.999	0.965	4.13E-41	CD8.Ex	Rps3a1
Smarcc1	1.82E-45	0.385547	0.403	0.197	4.47E-41	CD8.Ex	Smarcc1
Fxn	2.27E-45	0.683086	0.254	0.106	5.56E-41	CD8.Ex	Fxn
Atp5f1	2.51E-45	0.412098	0.87	0.628	6.15E-41	CD8.Ex	Atp5f1
Eea1	2.60E-45	0.610677	0.372	0.183	6.36E-41	CD8.Ex	Eea1
Arpp19	2.69E-45	0.433231	0.739	0.463	6.59E-41	CD8.Ex	Arpp19
Ppm1g	2.94E-45	0.484085	0.612	0.353	7.19E-41	CD8.Ex	Ppm1g
Txn14a	3.42E-45	0.463157	0.375	0.18	8.37E-41	CD8.Ex	Txn14a
Acp1	3.64E-45	0.468521	0.442	0.226	8.91E-41	CD8.Ex	Acp1
Clns1a	4.20E-45	0.462544	0.452	0.233	1.03E-40	CD8.Ex	Clns1a
Mrps33	4.44E-45	0.358688	0.667	0.389	1.09E-40	CD8.Ex	Mrps33
Mtch2	5.24E-45	0.436916	0.544	0.295	1.28E-40	CD8.Ex	Mtch2
Mrpl55	5.49E-45	0.444137	0.349	0.165	1.35E-40	CD8.Ex	Mrpl55
Glr3	6.29E-45	0.451153	0.602	0.345	1.54E-40	CD8.Ex	Glr3
Dazap1	6.34E-45	0.486866	0.562	0.315	1.55E-40	CD8.Ex	Dazap1
Cnih1	6.63E-45	0.48319	0.393	0.193	1.62E-40	CD8.Ex	Cnih1
Ddt	7.07E-45	0.499615	0.485	0.256	1.73E-40	CD8.Ex	Ddt
Ctla41	7.44E-45	0.345134	0.467	0.244	1.82E-40	CD8.Ex	Ctla4
Vdac11	7.90E-45	0.462236	0.539	0.295	1.93E-40	CD8.Ex	Vdac1
Gnl3	8.13E-45	0.809351	0.286	0.128	1.99E-40	CD8.Ex	Gnl3
Mea11	8.51E-45	0.399945	0.592	0.335	2.08E-40	CD8.Ex	Mea1
Timm17b	9.06E-45	0.385752	0.524	0.282	2.22E-40	CD8.Ex	Timm17b
Pkp32	1.13E-44	0.486642	0.569	0.32	2.77E-40	CD8.Ex	Pkp3
Timm8b	1.17E-44	0.460239	0.502	0.269	2.86E-40	CD8.Ex	Timm8b
Metrn	1.20E-44	0.519292	0.283	0.122	2.94E-40	CD8.Ex	Metrn
Tgfb11	1.39E-44	0.548362	0.729	0.461	3.40E-40	CD8.Ex	Tgfb1
Mrps23	1.53E-44	0.393517	0.482	0.25	3.75E-40	CD8.Ex	Mrps23
Tceal9	1.54E-44	0.454019	0.349	0.165	3.78E-40	CD8.Ex	Tceal9

Aen	1.80E-44	0.537191	0.284	0.123	4.40E-40	CD8.Ex	Aen
Utp11	2.02E-44	0.354251	0.494	0.26	4.94E-40	CD8.Ex	Utp11
Ndufa13	2.75E-44	0.369968	0.939	0.731	6.73E-40	CD8.Ex	Ndufa13
Actn4	2.76E-44	0.387538	0.572	0.314	6.76E-40	CD8.Ex	Actn4
Pin4	3.51E-44	0.325981	0.468	0.241	8.59E-40	CD8.Ex	Pin4
Mrps10	3.63E-44	0.650625	0.265	0.114	8.90E-40	CD8.Ex	Mrps10
Bud23	3.68E-44	0.496159	0.338	0.158	9.01E-40	CD8.Ex	Bud23
Mrpl11	4.10E-44	0.539452	0.381	0.189	1.01E-39	CD8.Ex	Mrpl11
Txndc171	4.46E-44	0.417186	0.636	0.371	1.09E-39	CD8.Ex	Txndc171
Gtf2f1	4.79E-44	0.412546	0.426	0.216	1.17E-39	CD8.Ex	Gtf2f1
Fmc1	5.00E-44	0.329518	0.421	0.21	1.23E-39	CD8.Ex	Fmc1
Rae1	5.33E-44	0.479484	0.397	0.198	1.30E-39	CD8.Ex	Rae1
Rpf1	5.36E-44	0.443733	0.31	0.14	1.31E-39	CD8.Ex	Rpf1
Ptpn62	5.54E-44	0.570774	0.594	0.347	1.36E-39	CD8.Ex	Ptpn6
Prdx3	5.68E-44	0.436844	0.467	0.244	1.39E-39	CD8.Ex	Prdx3
Rpl292	5.68E-44	0.278724	0.992	0.934	1.39E-39	CD8.Ex	Rpl29
Arpc31	5.68E-44	0.404648	0.921	0.734	1.39E-39	CD8.Ex	Arpc3
Med8	5.87E-44	0.497334	0.41	0.207	1.44E-39	CD8.Ex	Med8
Cd273	6.50E-44	0.498116	0.498	0.268	1.59E-39	CD8.Ex	Cd27
Anp32a1	7.10E-44	0.471479	0.8	0.544	1.74E-39	CD8.Ex	Anp32a
Gadd45gip1	7.17E-44	0.459403	0.514	0.281	1.76E-39	CD8.Ex	Gadd45gip1
Cox7a2	7.27E-44	0.416956	0.875	0.64	1.78E-39	CD8.Ex	Cox7a2
Psmc1	7.47E-44	0.368867	0.47	0.246	1.83E-39	CD8.Ex	Psmc1
Lage3	8.51E-44	0.364247	0.426	0.215	2.08E-39	CD8.Ex	Lage3
Sars1	8.69E-44	0.420466	0.626	0.36	2.13E-39	CD8.Ex	Sars
Exosc5	1.02E-43	0.479024	0.468	0.249	2.49E-39	CD8.Ex	Exosc5
Snrpb2	1.13E-43	0.406251	0.374	0.183	2.78E-39	CD8.Ex	Snrpb2
Sept112	1.53E-43	0.31856	0.41	0.203	3.75E-39	CD8.Ex	11-Sep
Mrpl39	1.71E-43	0.517258	0.33	0.154	4.19E-39	CD8.Ex	Mrpl39
Romo1	1.87E-43	0.397503	0.636	0.373	4.57E-39	CD8.Ex	Romo1
Ndufc21	1.93E-43	0.42066	0.751	0.468	4.74E-39	CD8.Ex	Ndufc2
Psmc11	2.09E-43	0.402795	0.549	0.303	5.11E-39	CD8.Ex	Psmc11
Pglyrp13	3.47E-43	0.355541	0.658	0.389	8.49E-39	CD8.Ex	Pglyrp1
Relb	3.59E-43	0.515976	0.38	0.188	8.80E-39	CD8.Ex	Relb
Grpel1	3.61E-43	0.41394	0.545	0.302	8.85E-39	CD8.Ex	Grpel1
Samm50	4.34E-43	0.426985	0.458	0.24	1.06E-38	CD8.Ex	Samm50
Nono	4.41E-43	0.42331	0.679	0.403	1.08E-38	CD8.Ex	Nono
Ubl4a	4.92E-43	0.506302	0.404	0.206	1.20E-38	CD8.Ex	Ubl4a
Wdr43	4.99E-43	0.482463	0.352	0.169	1.22E-38	CD8.Ex	Wdr43
Ddost1	5.63E-43	0.41062	0.733	0.435	1.38E-38	CD8.Ex	Ddost
Cox6a1	5.63E-43	0.40677	0.883	0.642	1.38E-38	CD8.Ex	Cox6a1
Ddx18	5.93E-43	0.415817	0.414	0.21	1.45E-38	CD8.Ex	Ddx18
Snhg3	6.18E-43	0.582956	0.362	0.179	1.51E-38	CD8.Ex	Snhg3
Bckdk1	7.27E-43	0.570814	0.345	0.165	1.78E-38	CD8.Ex	Bckdk

Riox2	7.45E-43	0.356633	0.338	0.157	1.83E-38	CD8.Ex	Riox2
Cbx51	7.92E-43	0.388059	0.341	0.161	1.94E-38	CD8.Ex	Cbx5
Prdx21	8.08E-43	0.377749	0.73	0.457	1.98E-38	CD8.Ex	Prdx2
Nudt19	8.15E-43	0.43654	0.339	0.16	2.00E-38	CD8.Ex	Nudt19
Ahsa1	1.15E-42	0.407083	0.546	0.304	2.81E-38	CD8.Ex	Ahsa1
Krtcap2	1.22E-42	0.409077	0.861	0.632	3.00E-38	CD8.Ex	Krtcap2
Faim	1.41E-42	0.510543	0.351	0.169	3.45E-38	CD8.Ex	Faim
Tmem160	1.45E-42	0.401542	0.705	0.429	3.54E-38	CD8.Ex	Tmem160
Ppif	1.46E-42	0.592282	0.274	0.121	3.57E-38	CD8.Ex	Ppif
Dbi1	1.50E-42	0.275393	0.778	0.495	3.68E-38	CD8.Ex	Dbi
Metap1	1.59E-42	0.513619	0.277	0.122	3.90E-38	CD8.Ex	Metap1
Mrps18c	1.64E-42	0.420549	0.513	0.281	4.02E-38	CD8.Ex	Mrps18c
Lrwd1	1.82E-42	0.443028	0.284	0.126	4.46E-38	CD8.Ex	Lrwd1
Tbc1d4	2.09E-42	0.86416	0.256	0.112	5.13E-38	CD8.Ex	Tbc1d4
Tusc3	2.47E-42	0.355355	0.418	0.212	6.06E-38	CD8.Ex	Tusc3
Mrpl43	2.59E-42	0.376889	0.556	0.306	6.35E-38	CD8.Ex	Mrpl43
Hdgf	2.92E-42	0.413462	0.549	0.306	7.15E-38	CD8.Ex	Hdgf
Uqcrc1	3.01E-42	0.421497	0.697	0.422	7.37E-38	CD8.Ex	Uqcrc1
Prpf31	3.07E-42	0.439359	0.331	0.156	7.52E-38	CD8.Ex	Prpf31
P4hb1	3.12E-42	0.397651	0.661	0.383	7.65E-38	CD8.Ex	P4hb
Hax1	3.13E-42	0.457171	0.331	0.158	7.67E-38	CD8.Ex	Hax1
Wdr74	3.18E-42	0.603981	0.299	0.137	7.78E-38	CD8.Ex	Wdr74
Sfxn1	3.53E-42	0.429093	0.392	0.197	8.64E-38	CD8.Ex	Sfxn1
Slc25a4	3.59E-42	0.426247	0.404	0.206	8.79E-38	CD8.Ex	Slc25a4
Gpr68	4.14E-42	0.315556	0.35	0.164	1.01E-37	CD8.Ex	Gpr68
Supt16	4.35E-42	0.351506	0.486	0.258	1.06E-37	CD8.Ex	Supt16
Sdf2l11	4.50E-42	0.360204	0.482	0.255	1.10E-37	CD8.Ex	Sdf2l1
Blmh	5.84E-42	0.321317	0.415	0.211	1.43E-37	CD8.Ex	Blmh
Jak31	6.74E-42	0.356217	0.401	0.2	1.65E-37	CD8.Ex	Jak3
Dnajb11	7.19E-42	0.361323	0.537	0.296	1.76E-37	CD8.Ex	Dnajb11
Lsm1	7.54E-42	0.328682	0.473	0.248	1.85E-37	CD8.Ex	Lsm1
Ufc1	8.08E-42	0.446335	0.585	0.333	1.98E-37	CD8.Ex	Ufc1
Dars	8.08E-42	0.336006	0.512	0.277	1.98E-37	CD8.Ex	Dars
Tssc4	8.66E-42	0.571593	0.272	0.121	2.12E-37	CD8.Ex	Tssc4
Imp4	8.78E-42	0.43986	0.398	0.201	2.15E-37	CD8.Ex	Imp4
Lclat1	1.04E-41	0.44018	0.257	0.11	2.56E-37	CD8.Ex	Lclat1
Trim27	1.07E-41	0.386116	0.419	0.215	2.61E-37	CD8.Ex	Trim27
Nars1	1.13E-41	0.51021	0.496	0.274	2.76E-37	CD8.Ex	Nars
Mbd3	1.25E-41	0.439354	0.523	0.289	3.07E-37	CD8.Ex	Mbd3
Pola2	1.32E-41	0.678356	0.258	0.113	3.24E-37	CD8.Ex	Pola2
Swi5	1.34E-41	0.397676	0.776	0.504	3.28E-37	CD8.Ex	Swi5
Hdac3	1.42E-41	0.530145	0.275	0.123	3.48E-37	CD8.Ex	Hdac3
Uqcrb	1.47E-41	0.371392	0.832	0.561	3.60E-37	CD8.Ex	Uqcrb
Eif3j1	1.52E-41	0.260462	0.373	0.181	3.73E-37	CD8.Ex	Eif3j1

Uba1	1.60E-41	0.413618	0.557	0.318	3.91E-37	CD8.Ex	Uba1
Timm22	1.71E-41	0.433767	0.298	0.137	4.20E-37	CD8.Ex	Timm22
Med14	1.76E-41	0.487728	0.346	0.168	4.30E-37	CD8.Ex	Med14
Adh5	1.86E-41	0.43183	0.53	0.296	4.55E-37	CD8.Ex	Adh5
Nfkb1a1	2.00E-41	0.519667	0.75	0.507	4.89E-37	CD8.Ex	Nfkb1a
Naa501	2.22E-41	0.480776	0.387	0.196	5.43E-37	CD8.Ex	Naa50
Tsn	2.45E-41	0.409069	0.617	0.358	6.00E-37	CD8.Ex	Tsn
Mrpl14	2.65E-41	0.304115	0.536	0.292	6.49E-37	CD8.Ex	Mrpl14
Vps29	2.98E-41	0.356581	0.633	0.368	7.31E-37	CD8.Ex	Vps29
Cdc34	4.36E-41	0.378601	0.454	0.241	1.07E-36	CD8.Ex	Cdc34
Psmd12	5.30E-41	0.393317	0.469	0.253	1.30E-36	CD8.Ex	Psmd12
Psmb1	5.41E-41	0.402053	0.863	0.619	1.32E-36	CD8.Ex	Psmb1
Rif1	5.48E-41	0.316709	0.418	0.214	1.34E-36	CD8.Ex	Rif1
Cd821	5.96E-41	0.532651	0.808	0.567	1.46E-36	CD8.Ex	Cd82
Selenoh	6.19E-41	0.451624	0.584	0.338	1.51E-36	CD8.Ex	Selenoh
Tomm22	6.34E-41	0.428482	0.762	0.48	1.55E-36	CD8.Ex	Tomm22
Emc4	7.57E-41	0.319896	0.45	0.234	1.85E-36	CD8.Ex	Emc4
Bcap29	7.65E-41	0.329201	0.385	0.192	1.87E-36	CD8.Ex	Bcap29
Atp5mpl	7.84E-41	0.428394	0.789	0.536	1.92E-36	CD8.Ex	Atp5mpl
Mpdu11	7.86E-41	0.512642	0.38	0.193	1.92E-36	CD8.Ex	Mpdu1
Hddc2	8.83E-41	0.452778	0.275	0.122	2.16E-36	CD8.Ex	Hddc2
Timm13	9.10E-41	0.427217	0.766	0.502	2.23E-36	CD8.Ex	Timm13
Gmps	9.65E-41	0.409191	0.387	0.195	2.36E-36	CD8.Ex	Gmps
Ak6	1.16E-40	0.597258	0.276	0.125	2.84E-36	CD8.Ex	Ak6
Hnrnp112	1.24E-40	0.333393	0.452	0.24	3.03E-36	CD8.Ex	Hnrnp11
Npepl1	1.35E-40	0.362769	0.406	0.208	3.31E-36	CD8.Ex	Npepl1
Ndufs2	1.37E-40	0.338232	0.56	0.311	3.35E-36	CD8.Ex	Ndufs2
0610010K1	1.42E-40	0.308892	0.526	0.287	3.48E-36	CD8.Ex	0610010K14Rik
Eef1akmt2	1.44E-40	0.530528	0.274	0.123	3.53E-36	CD8.Ex	Eef1akmt2
Sin3b1	1.46E-40	0.328584	0.651	0.376	3.58E-36	CD8.Ex	Sin3b
Rps232	1.62E-40	0.250302	0.996	0.954	3.98E-36	CD8.Ex	Rps23
Mrps5	1.90E-40	0.416552	0.311	0.146	4.66E-36	CD8.Ex	Mrps5
Sf3a3	2.15E-40	0.422373	0.406	0.21	5.27E-36	CD8.Ex	Sf3a3
Rfc11	2.39E-40	0.433947	0.354	0.174	5.86E-36	CD8.Ex	Rfc1
Sdhd1	2.71E-40	0.419699	0.52	0.287	6.65E-36	CD8.Ex	Sdhd
Polr2g	2.95E-40	0.326174	0.561	0.315	7.21E-36	CD8.Ex	Polr2g
Etf1	2.95E-40	0.382943	0.457	0.245	7.23E-36	CD8.Ex	Etf1
Vma21	4.31E-40	0.437152	0.333	0.162	1.06E-35	CD8.Ex	Vma21
Sar1b	4.65E-40	0.336574	0.5	0.271	1.14E-35	CD8.Ex	Sar1b
Nol10	4.96E-40	0.408723	0.263	0.116	1.21E-35	CD8.Ex	Nol10
Gnl21	5.04E-40	0.540502	0.308	0.146	1.23E-35	CD8.Ex	Gnl2
Sf3a2	5.23E-40	0.388891	0.488	0.267	1.28E-35	CD8.Ex	Sf3a2
Nudc1	6.74E-40	0.39817	0.614	0.356	1.65E-35	CD8.Ex	Nudc
Mcts1	6.91E-40	0.326237	0.506	0.276	1.69E-35	CD8.Ex	Mcts1

Trerf12	7.42E-40	0.337028	0.556	0.319	1.82E-35	CD8.Ex	Trerf1
Anapc51	9.32E-40	0.438158	0.525	0.294	2.28E-35	CD8.Ex	Anapc5
Tardbp	1.00E-39	0.367176	0.433	0.227	2.45E-35	CD8.Ex	Tardbp
Mrpl46	1.15E-39	0.658896	0.268	0.121	2.82E-35	CD8.Ex	Mrpl46
Capzb1	1.19E-39	0.375592	0.939	0.764	2.91E-35	CD8.Ex	Capzb
Cyb561d2	1.25E-39	0.510401	0.274	0.125	3.07E-35	CD8.Ex	Cyb561d2
Sra1	1.30E-39	0.322896	0.582	0.328	3.18E-35	CD8.Ex	Sra1
Ndufs3	1.32E-39	0.345471	0.648	0.379	3.22E-35	CD8.Ex	Ndufs3
Mtx11	1.43E-39	0.446893	0.331	0.161	3.49E-35	CD8.Ex	Mtx1
Atl3	1.54E-39	0.318619	0.373	0.187	3.78E-35	CD8.Ex	Atl3
Vdac21	1.62E-39	0.405056	0.776	0.491	3.98E-35	CD8.Ex	Vdac2
Ciao2b1	1.87E-39	0.279903	0.583	0.328	4.59E-35	CD8.Ex	Ciao2b
Gtf3a	1.89E-39	0.378724	0.412	0.215	4.63E-35	CD8.Ex	Gtf3a
Cib1	2.16E-39	0.349662	0.476	0.256	5.29E-35	CD8.Ex	Cib1
Bax	3.10E-39	0.391966	0.73	0.453	7.59E-35	CD8.Ex	Bax
Uqcrfs1	3.22E-39	0.407603	0.693	0.422	7.90E-35	CD8.Ex	Uqcrfs1
Tesc	3.41E-39	0.53598	0.349	0.171	8.34E-35	CD8.Ex	Tesc
Ndufb1-ps	3.75E-39	0.383888	0.673	0.416	9.19E-35	CD8.Ex	Ndufb1-ps
Mrpl28	4.37E-39	0.456752	0.414	0.215	1.07E-34	CD8.Ex	Mrpl28
Eif4e2	5.22E-39	0.376706	0.54	0.306	1.28E-34	CD8.Ex	Eif4e2
Agfg12	6.38E-39	0.302241	0.506	0.279	1.56E-34	CD8.Ex	Agfg1
Rangap1	6.57E-39	0.469389	0.332	0.162	1.61E-34	CD8.Ex	Rangap1
Trbc23	6.84E-39	0.344679	0.701	0.418	1.68E-34	CD8.Ex	Trbc2
Rpl242	7.10E-39	0.253101	0.996	0.933	1.74E-34	CD8.Ex	Rpl24
Nob1	7.14E-39	0.497966	0.307	0.146	1.75E-34	CD8.Ex	Nob1
Xpnpep11	7.25E-39	0.475973	0.274	0.126	1.78E-34	CD8.Ex	Xpnpep1
Slc35b11	7.26E-39	0.374208	0.381	0.194	1.78E-34	CD8.Ex	Slc35b1
Mrps30	7.32E-39	0.433993	0.298	0.141	1.79E-34	CD8.Ex	Mrps30
Mrps21	7.37E-39	0.378208	0.742	0.481	1.81E-34	CD8.Ex	Mrps21
Dynlrb11	7.69E-39	0.385027	0.697	0.43	1.88E-34	CD8.Ex	Dynlrb1
Lrmp1	9.58E-39	0.31231	0.414	0.216	2.35E-34	CD8.Ex	Lrmp
Cnot11	1.13E-38	0.450708	0.278	0.127	2.77E-34	CD8.Ex	Cnot11
Naa201	1.21E-38	0.463787	0.511	0.29	2.97E-34	CD8.Ex	Naa20
Rtca	1.23E-38	0.476379	0.286	0.134	3.02E-34	CD8.Ex	Rtca
Mapkapk32	1.27E-38	0.306776	0.507	0.281	3.11E-34	CD8.Ex	Mapkapk3
Esd	1.43E-38	0.372649	0.696	0.425	3.49E-34	CD8.Ex	Esd
Sf3b5	1.62E-38	0.373221	0.785	0.51	3.97E-34	CD8.Ex	Sf3b5
Atp5c1	1.88E-38	0.403612	0.87	0.655	4.61E-34	CD8.Ex	Atp5c1
Fkbp1a1	2.32E-38	0.40249	0.775	0.521	5.68E-34	CD8.Ex	Fkbp1a
Cfdp1	2.66E-38	0.304745	0.524	0.291	6.51E-34	CD8.Ex	Cfdp1
Hras	2.90E-38	0.369213	0.392	0.202	7.10E-34	CD8.Ex	Hras
Taf12	2.96E-38	0.301811	0.413	0.215	7.24E-34	CD8.Ex	Taf12
Arl3	3.13E-38	0.398128	0.322	0.157	7.66E-34	CD8.Ex	Arl3
Prpf38a	3.16E-38	0.446141	0.292	0.137	7.73E-34	CD8.Ex	Prpf38a

Tmem163	3.26E-38	0.319035	0.268	0.119	7.99E-34	CD8.Ex	Tmem163
Irf82	3.27E-38	0.731677	0.454	0.252	8.01E-34	CD8.Ex	Irf8
Aarsd1	3.32E-38	0.4846	0.377	0.195	8.14E-34	CD8.Ex	Aarsd1
Glt1p1	3.35E-38	0.359076	0.653	0.386	8.21E-34	CD8.Ex	Glt1p
Ecd	3.40E-38	0.449194	0.28	0.13	8.32E-34	CD8.Ex	Ecd
Kras	3.64E-38	0.359605	0.502	0.279	8.92E-34	CD8.Ex	Kras
Ifi271	3.96E-38	0.409733	0.716	0.457	9.71E-34	CD8.Ex	Ifi27
Pcmt1	4.54E-38	0.322337	0.484	0.263	1.11E-33	CD8.Ex	Pcmt1
Asna1	4.54E-38	0.327092	0.392	0.201	1.11E-33	CD8.Ex	Asna1
Cbx1	4.64E-38	0.333808	0.481	0.263	1.14E-33	CD8.Ex	Cbx1
Lars	5.11E-38	0.490705	0.392	0.206	1.25E-33	CD8.Ex	Lars
Ufm1	5.49E-38	0.306321	0.398	0.205	1.34E-33	CD8.Ex	Ufm1
Rce1	5.69E-38	0.465842	0.32	0.157	1.39E-33	CD8.Ex	Rce1
Trappc5	5.77E-38	0.373454	0.365	0.184	1.41E-33	CD8.Ex	Trappc5
Slc25a391	6.07E-38	0.388002	0.539	0.31	1.49E-33	CD8.Ex	Slc25a39
Fam98b	6.57E-38	0.357178	0.286	0.133	1.61E-33	CD8.Ex	Fam98b
Nsmce4a	6.87E-38	0.356971	0.55	0.31	1.68E-33	CD8.Ex	Nsmce4a
Rabepk	8.90E-38	0.402879	0.264	0.119	2.18E-33	CD8.Ex	Rabepk
Elovl11	9.44E-38	0.380837	0.406	0.213	2.31E-33	CD8.Ex	Elovl1
Mat2a	1.12E-37	0.481762	0.55	0.325	2.73E-33	CD8.Ex	Mat2a
Psmg2	1.22E-37	0.2867	0.382	0.194	2.98E-33	CD8.Ex	Psmg2
Hspb11	1.23E-37	0.406881	0.254	0.113	3.01E-33	CD8.Ex	Hspb11
Impa1	1.28E-37	0.257157	0.396	0.201	3.13E-33	CD8.Ex	Impa1
Trap1	1.54E-37	0.360978	0.309	0.149	3.77E-33	CD8.Ex	Trap1
Mrpl4	1.63E-37	0.374957	0.572	0.33	3.98E-33	CD8.Ex	Mrpl4
Srp141	1.77E-37	0.389744	0.799	0.533	4.34E-33	CD8.Ex	Srp14
Ints11	1.93E-37	0.484453	0.316	0.154	4.74E-33	CD8.Ex	Ints11
Ddx41	2.11E-37	0.328519	0.336	0.165	5.17E-33	CD8.Ex	Ddx41
Asf1a	2.15E-37	0.374429	0.318	0.154	5.26E-33	CD8.Ex	Asf1a
Cdc5l	2.22E-37	0.322022	0.426	0.226	5.43E-33	CD8.Ex	Cdc5l
Memo1	2.25E-37	0.356888	0.332	0.165	5.51E-33	CD8.Ex	Memo1
Ywhah1	2.26E-37	0.410566	0.797	0.529	5.54E-33	CD8.Ex	Ywhah
Nol12	2.51E-37	0.484079	0.294	0.14	6.14E-33	CD8.Ex	Nol12
Orai12	2.60E-37	0.598165	0.491	0.286	6.37E-33	CD8.Ex	Orai1
Cstb1	2.70E-37	0.320259	0.626	0.366	6.61E-33	CD8.Ex	Cstb
Rbbp4	2.95E-37	0.418836	0.668	0.409	7.23E-33	CD8.Ex	Rbbp4
Dcun1d5	3.78E-37	0.295373	0.592	0.343	9.26E-33	CD8.Ex	Dcun1d5
Kdelr21	4.05E-37	0.371725	0.427	0.228	9.91E-33	CD8.Ex	Kdelr2
Eif2s3x	4.11E-37	0.343562	0.39	0.202	1.01E-32	CD8.Ex	Eif2s3x
Nup85	4.45E-37	0.59536	0.253	0.115	1.09E-32	CD8.Ex	Nup85
Lrrc591	4.48E-37	0.501935	0.323	0.16	1.10E-32	CD8.Ex	Lrrc59
Elof1	4.57E-37	0.27308	0.44	0.236	1.12E-32	CD8.Ex	Elof1
Pak1ip1	5.08E-37	0.431192	0.398	0.209	1.24E-32	CD8.Ex	Pak1ip1
Sae1	6.10E-37	0.334411	0.501	0.276	1.49E-32	CD8.Ex	Sae1

Mtx2	6.34E-37	0.436355	0.316	0.155	1.55E-32	CD8.Ex	Mtx2
Pdcl3	6.90E-37	0.379147	0.444	0.24	1.69E-32	CD8.Ex	Pdcl3
Mrpl34	6.95E-37	0.284181	0.488	0.269	1.70E-32	CD8.Ex	Mrpl34
Zc3h15	7.11E-37	0.266729	0.595	0.346	1.74E-32	CD8.Ex	Zc3h15
Nsfl1c	7.83E-37	0.299456	0.492	0.27	1.92E-32	CD8.Ex	Nsfl1c
2810004N2	7.91E-37	0.520466	0.273	0.127	1.94E-32	CD8.Ex	2810004N23Rik
Mtap	8.13E-37	0.377995	0.293	0.138	1.99E-32	CD8.Ex	Mtap
Thumpd3	8.61E-37	0.516134	0.316	0.156	2.11E-32	CD8.Ex	Thumpd3
Mrps17	9.56E-37	0.353967	0.463	0.253	2.34E-32	CD8.Ex	Mrps17
Ercc1	9.62E-37	0.346897	0.259	0.117	2.36E-32	CD8.Ex	Ercc1
Cct4	9.63E-37	0.338365	0.664	0.415	2.36E-32	CD8.Ex	Cct4
Ilf2	1.09E-36	0.289956	0.388	0.201	2.67E-32	CD8.Ex	Ilf2
Ormdl1	1.11E-36	0.460668	0.298	0.143	2.72E-32	CD8.Ex	Ormdl1
Rpia	1.20E-36	0.413667	0.336	0.168	2.95E-32	CD8.Ex	Rpia
Adprh	1.21E-36	0.371811	0.501	0.279	2.96E-32	CD8.Ex	Adprh
Hscb	1.34E-36	0.384209	0.376	0.195	3.27E-32	CD8.Ex	Hscb
Syncrip	1.53E-36	0.368038	0.504	0.285	3.75E-32	CD8.Ex	Syncrip
Dpp3	1.81E-36	0.333487	0.307	0.148	4.43E-32	CD8.Ex	Dpp3
Bhlhe402	2.21E-36	0.369706	0.51	0.289	5.41E-32	CD8.Ex	Bhlhe40
Ubl51	2.37E-36	0.345781	0.885	0.677	5.80E-32	CD8.Ex	Ubl5
Usp39	2.47E-36	0.419111	0.273	0.128	6.05E-32	CD8.Ex	Usp39
Dynll2	2.60E-36	0.30426	0.448	0.243	6.37E-32	CD8.Ex	Dynll2
Rdx	2.61E-36	0.265811	0.507	0.283	6.38E-32	CD8.Ex	Rdx
Itgb1bp1	2.86E-36	0.38944	0.351	0.178	7.01E-32	CD8.Ex	Itgb1bp1
Ccdc58	2.99E-36	0.430341	0.267	0.124	7.31E-32	CD8.Ex	Ccdc58
Ube2v2	3.01E-36	0.323112	0.392	0.204	7.38E-32	CD8.Ex	Ube2v2
Hikeshi	3.04E-36	0.318091	0.381	0.198	7.45E-32	CD8.Ex	Hikeshi
1700037HC	3.13E-36	0.362347	0.307	0.149	7.67E-32	CD8.Ex	1700037H04Rik
Far11	3.45E-36	0.25303	0.364	0.185	8.46E-32	CD8.Ex	Far1
Kdm2b	3.59E-36	0.386734	0.367	0.193	8.79E-32	CD8.Ex	Kdm2b
Eif3e1	3.93E-36	0.351346	0.805	0.544	9.63E-32	CD8.Ex	Eif3e
Acsl5	4.21E-36	0.355919	0.441	0.239	1.03E-31	CD8.Ex	Acsl5
Rbx1	4.44E-36	0.346272	0.859	0.63	1.09E-31	CD8.Ex	Rbx1
Ptpn71	5.05E-36	0.256224	0.476	0.258	1.24E-31	CD8.Ex	Ptpn7
Pex16	6.31E-36	0.560492	0.261	0.122	1.55E-31	CD8.Ex	Pex16
Ccnh	6.92E-36	0.331553	0.428	0.232	1.69E-31	CD8.Ex	Ccnh
Ucp21	7.99E-36	0.443045	0.962	0.818	1.96E-31	CD8.Ex	Ucp2
Rbm17	9.38E-36	0.302619	0.486	0.268	2.30E-31	CD8.Ex	Rbm17
Hars	9.54E-36	0.313694	0.329	0.163	2.34E-31	CD8.Ex	Hars
Mrpl2	1.01E-35	0.370891	0.332	0.167	2.46E-31	CD8.Ex	Mrpl2
Arl1	1.07E-35	0.353989	0.442	0.242	2.61E-31	CD8.Ex	Arl1
Exosc1	1.12E-35	0.329998	0.348	0.176	2.73E-31	CD8.Ex	Exosc1
Ddx54	1.14E-35	0.391744	0.339	0.171	2.79E-31	CD8.Ex	Ddx54
Sfr1	1.19E-35	0.327015	0.592	0.354	2.92E-31	CD8.Ex	Sfr1

Csk1	1.20E-35	0.382961	0.721	0.461	2.95E-31	CD8.Ex	Csk
Cope	1.21E-35	0.332694	0.735	0.464	2.97E-31	CD8.Ex	Cope
Haus4	1.22E-35	0.431516	0.307	0.151	2.99E-31	CD8.Ex	Haus4
Srsf10	1.25E-35	0.343668	0.519	0.298	3.07E-31	CD8.Ex	Srsf10
Ndufs5	1.34E-35	0.356523	0.703	0.443	3.28E-31	CD8.Ex	Ndufs5
Eipr1	1.38E-35	0.298005	0.291	0.139	3.38E-31	CD8.Ex	Eipr1
Atpif11	1.39E-35	0.321442	0.718	0.451	3.40E-31	CD8.Ex	Atpif1
B9d2	1.49E-35	0.520727	0.3	0.147	3.66E-31	CD8.Ex	B9d2
Hsd17b121	1.52E-35	0.324723	0.343	0.174	3.73E-31	CD8.Ex	Hsd17b12
Ssbp4	1.76E-35	0.337193	0.59	0.348	4.32E-31	CD8.Ex	Ssbp4
Polr1d1	1.83E-35	0.372886	0.86	0.626	4.48E-31	CD8.Ex	Polr1d
Gtf2e2	1.92E-35	0.304747	0.278	0.131	4.71E-31	CD8.Ex	Gtf2e2
Ezr1	2.25E-35	0.269291	0.685	0.413	5.51E-31	CD8.Ex	Ezr
C1d	2.32E-35	0.331924	0.44	0.24	5.67E-31	CD8.Ex	C1d
Ncbp1	2.34E-35	0.381709	0.319	0.159	5.72E-31	CD8.Ex	Ncbp1
lpo71	2.52E-35	0.303272	0.353	0.18	6.17E-31	CD8.Ex	lpo7
Ephx11	2.62E-35	0.767422	0.252	0.117	6.42E-31	CD8.Ex	Ephx1
Myg1	2.72E-35	0.436849	0.301	0.147	6.66E-31	CD8.Ex	Myg1
Med21	2.79E-35	0.397491	0.428	0.232	6.83E-31	CD8.Ex	Med21
Spg21	3.49E-35	0.280543	0.472	0.26	8.54E-31	CD8.Ex	Spg21
Pmepa12	3.57E-35	0.351118	0.586	0.349	8.75E-31	CD8.Ex	Pmepa1
Drg1	3.89E-35	0.3247	0.468	0.262	9.53E-31	CD8.Ex	Drg1
Micos13	3.90E-35	0.31863	0.731	0.46	9.54E-31	CD8.Ex	Micos13
Blvra1	4.19E-35	0.35953	0.355	0.185	1.03E-30	CD8.Ex	Blvra
Naa38	4.73E-35	0.302244	0.551	0.32	1.16E-30	CD8.Ex	Naa38
Ndufaf8	5.39E-35	0.26446	0.483	0.268	1.32E-30	CD8.Ex	Ndufaf8
Hspa51	5.60E-35	0.435578	0.84	0.598	1.37E-30	CD8.Ex	Hspa5
Zmat51	5.83E-35	0.266294	0.493	0.275	1.43E-30	CD8.Ex	Zmat5
Spcs11	6.04E-35	0.3467	0.811	0.542	1.48E-30	CD8.Ex	Spcs1
Zmat2	6.35E-35	0.296966	0.554	0.319	1.56E-30	CD8.Ex	Zmat2
Cd2bp2	7.23E-35	0.326449	0.317	0.157	1.77E-30	CD8.Ex	Cd2bp2
Cetn3	7.58E-35	0.256824	0.515	0.291	1.86E-30	CD8.Ex	Cetn3
2310001H1	8.89E-35	0.368276	0.423	0.23	2.18E-30	CD8.Ex	2310001H17Rik
Mpv17l2	9.29E-35	0.39003	0.372	0.196	2.27E-30	CD8.Ex	Mpv17l2
Pfkl1	9.31E-35	0.338488	0.321	0.161	2.28E-30	CD8.Ex	Pfkl
Hdac2	9.95E-35	0.407253	0.364	0.19	2.44E-30	CD8.Ex	Hdac2
Tpm42	1.08E-34	0.293807	0.608	0.366	2.64E-30	CD8.Ex	Tpm4
Letm1	1.11E-34	0.354014	0.385	0.204	2.71E-30	CD8.Ex	Letm1
Zcrb1	1.21E-34	0.306858	0.567	0.333	2.95E-30	CD8.Ex	Zcrb1
Tfam	1.29E-34	0.298439	0.295	0.143	3.16E-30	CD8.Ex	Tfam
Fubp11	1.35E-34	0.320598	0.596	0.362	3.30E-30	CD8.Ex	Fubp1
Zdhhc3	1.38E-34	0.291329	0.351	0.18	3.37E-30	CD8.Ex	Zdhhc3
Nsd21	1.39E-34	0.344968	0.362	0.188	3.40E-30	CD8.Ex	Nsd2
Cndp21	1.98E-34	0.36147	0.38	0.201	4.84E-30	CD8.Ex	Cndp2

Cyb5b	2.02E-34	0.279814	0.37	0.194	4.96E-30	CD8.Ex	Cyb5b
Eftud2	2.28E-34	0.36466	0.373	0.197	5.59E-30	CD8.Ex	Eftud2
Trappc41	2.42E-34	0.284267	0.554	0.32	5.93E-30	CD8.Ex	Trappc4
Mien11	2.50E-34	0.344899	0.592	0.354	6.12E-30	CD8.Ex	Mien1
Emg11	2.59E-34	0.355127	0.741	0.486	6.33E-30	CD8.Ex	Emg1
231006110	2.69E-34	0.25495	0.305	0.149	6.58E-30	CD8.Ex	2310061104Rik
Lzic	2.78E-34	0.352466	0.251	0.116	6.80E-30	CD8.Ex	Lzic
Cops41	2.87E-34	0.284797	0.423	0.23	7.04E-30	CD8.Ex	Cops4
Rnf126	3.03E-34	0.283697	0.388	0.205	7.43E-30	CD8.Ex	Rnf126
Mrpl27	3.12E-34	0.293696	0.393	0.21	7.65E-30	CD8.Ex	Mrpl27
Ap2m1	3.31E-34	0.336974	0.731	0.475	8.12E-30	CD8.Ex	Ap2m1
Slirp1	3.58E-34	0.262188	0.355	0.183	8.77E-30	CD8.Ex	Slirp
Farsa	3.92E-34	0.394803	0.296	0.145	9.60E-30	CD8.Ex	Farsa
Smu1	3.94E-34	0.349541	0.48	0.27	9.66E-30	CD8.Ex	Smu1
Pop4	4.21E-34	0.441627	0.272	0.13	1.03E-29	CD8.Ex	Pop4
Srebf1	4.84E-34	0.359089	0.278	0.133	1.18E-29	CD8.Ex	Srebf1
Srp19	5.30E-34	0.276095	0.59	0.354	1.30E-29	CD8.Ex	Srp19
Hyou1	5.92E-34	0.439528	0.262	0.124	1.45E-29	CD8.Ex	Hyou1
Alkbh6	6.39E-34	0.386798	0.297	0.146	1.56E-29	CD8.Ex	Alkbh6
Mrpl3	6.54E-34	0.415428	0.291	0.143	1.60E-29	CD8.Ex	Mrpl3
Ndufa10	7.30E-34	0.334324	0.539	0.317	1.79E-29	CD8.Ex	Ndufa10
Sf3b3	7.76E-34	0.336455	0.509	0.293	1.90E-29	CD8.Ex	Sf3b3
Arpc41	9.36E-34	0.373243	0.825	0.567	2.29E-29	CD8.Ex	Arpc4
Cdc14a	9.46E-34	0.420794	0.264	0.125	2.32E-29	CD8.Ex	Cdc14a
Timm9	1.03E-33	0.364196	0.295	0.145	2.51E-29	CD8.Ex	Timm9
Api5	1.04E-33	0.279937	0.362	0.187	2.55E-29	CD8.Ex	Api5
Mars	1.11E-33	0.487276	0.278	0.135	2.72E-29	CD8.Ex	Mars
Bcas2	1.12E-33	0.264389	0.622	0.372	2.75E-29	CD8.Ex	Bcas2
Rpl22l11	1.13E-33	0.356217	0.909	0.744	2.77E-29	CD8.Ex	Rpl22l1
Tnfsf101	1.14E-33	0.253706	0.408	0.218	2.79E-29	CD8.Ex	Tnfsf10
Rad23a	1.23E-33	0.289056	0.488	0.277	3.00E-29	CD8.Ex	Rad23a
Hnrnpf	1.24E-33	0.351932	0.897	0.725	3.05E-29	CD8.Ex	Hnrnpf
Brcc3	1.68E-33	0.278883	0.304	0.15	4.12E-29	CD8.Ex	Brcc3
Ppib	1.80E-33	0.352071	0.908	0.722	4.41E-29	CD8.Ex	Ppib
Nucks1	1.84E-33	0.278963	0.646	0.388	4.51E-29	CD8.Ex	Nucks1
Rrp36	2.33E-33	0.357569	0.296	0.146	5.70E-29	CD8.Ex	Rrp36
Fkbp21	2.40E-33	0.29056	0.484	0.271	5.88E-29	CD8.Ex	Fkbp2
Mri11	2.41E-33	0.285211	0.408	0.22	5.89E-29	CD8.Ex	Mri1
Dnaja11	2.49E-33	0.3594	0.814	0.559	6.11E-29	CD8.Ex	Dnaja1
Denr	2.62E-33	0.314629	0.501	0.287	6.42E-29	CD8.Ex	Denr
Pithd1	3.24E-33	0.300641	0.3	0.148	7.94E-29	CD8.Ex	Pithd1
Rbck1	3.39E-33	0.255225	0.558	0.326	8.30E-29	CD8.Ex	Rbck1
Stt3a	4.12E-33	0.260478	0.449	0.249	1.01E-28	CD8.Ex	Stt3a
Baz1a	4.33E-33	0.255908	0.534	0.309	1.06E-28	CD8.Ex	Baz1a

Tra2b	4.42E-33	0.329507	0.753	0.496	1.08E-28	CD8.Ex	Tra2b
Katna1	4.90E-33	0.276985	0.29	0.142	1.20E-28	CD8.Ex	Katna1
Trnau1ap	6.34E-33	0.341073	0.322	0.165	1.55E-28	CD8.Ex	Trnau1ap
Sf3b6	6.83E-33	0.294788	0.777	0.518	1.67E-28	CD8.Ex	Sf3b6
Prpf40a	7.06E-33	0.273144	0.61	0.369	1.73E-28	CD8.Ex	Prpf40a
Fkbp32	7.31E-33	0.327532	0.741	0.494	1.79E-28	CD8.Ex	Fkbp3
Zcchc17	8.01E-33	0.310453	0.412	0.224	1.96E-28	CD8.Ex	Zcchc17
Atp5l	8.09E-33	0.303129	0.927	0.753	1.98E-28	CD8.Ex	Atp5l
Ppa2	9.12E-33	0.481004	0.274	0.134	2.23E-28	CD8.Ex	Ppa2
Prps1	9.22E-33	0.341264	0.259	0.122	2.26E-28	CD8.Ex	Prps1
Gnpda1	9.61E-33	0.534884	0.261	0.126	2.35E-28	CD8.Ex	Gnpda1
Sdf41	1.03E-32	0.674503	0.813	0.596	2.53E-28	CD8.Ex	Sdf4
Ddx47	1.09E-32	0.264597	0.438	0.242	2.68E-28	CD8.Ex	Ddx47
lft27	1.23E-32	0.439701	0.294	0.147	3.00E-28	CD8.Ex	lft27
Bud31	1.38E-32	0.29538	0.385	0.205	3.37E-28	CD8.Ex	Bud31
Emc101	1.45E-32	0.273995	0.674	0.417	3.56E-28	CD8.Ex	Emc10
Zfpm1	1.56E-32	0.401291	0.254	0.119	3.82E-28	CD8.Ex	Zfpm1
Rab1b	1.58E-32	0.287992	0.625	0.377	3.88E-28	CD8.Ex	Rab1b
Jagn1	1.59E-32	0.483302	0.25	0.118	3.89E-28	CD8.Ex	Jagn1
Lman11	1.66E-32	0.316327	0.33	0.17	4.06E-28	CD8.Ex	Lman1
Acd	1.69E-32	0.258308	0.349	0.181	4.14E-28	CD8.Ex	Acd
Ssna1	1.82E-32	0.257258	0.551	0.324	4.47E-28	CD8.Ex	Ssna1
Rps282	2.01E-32	0.277884	0.982	0.887	4.92E-28	CD8.Ex	Rps28
Prmt3	2.42E-32	0.316074	0.271	0.131	5.93E-28	CD8.Ex	Prmt3
Mrpl49	2.59E-32	0.308923	0.259	0.124	6.34E-28	CD8.Ex	Mrpl49
Glod4	3.50E-32	0.372727	0.368	0.198	8.56E-28	CD8.Ex	Glod4
Trappc11	3.65E-32	0.297093	0.413	0.227	8.94E-28	CD8.Ex	Trappc1
Nedd8	3.90E-32	0.349218	0.823	0.578	9.56E-28	CD8.Ex	Nedd8
Cdv3	4.02E-32	0.286582	0.382	0.208	9.85E-28	CD8.Ex	Cdv3
Tuba4a	4.32E-32	0.30829	0.424	0.231	1.06E-27	CD8.Ex	Tuba4a
Sarnp	4.50E-32	0.268592	0.681	0.428	1.10E-27	CD8.Ex	Sarnp
1110004F1	4.56E-32	0.265801	0.559	0.329	1.12E-27	CD8.Ex	1110004F10Rik
Nop14	4.95E-32	0.424687	0.277	0.137	1.21E-27	CD8.Ex	Nop14
Ewsr1	5.96E-32	0.343175	0.724	0.48	1.46E-27	CD8.Ex	Ewsr1
Mrpl57	6.18E-32	0.268102	0.643	0.388	1.51E-27	CD8.Ex	Mrpl57
Commd3	7.91E-32	0.309502	0.54	0.322	1.94E-27	CD8.Ex	Commd3
Spcs3	9.42E-32	0.305044	0.33	0.172	2.31E-27	CD8.Ex	Spcs3
Cox20	9.62E-32	0.262228	0.595	0.358	2.36E-27	CD8.Ex	Cox20
Pgam5	9.64E-32	0.330204	0.255	0.12	2.36E-27	CD8.Ex	Pgam5
Ncaph2	9.69E-32	0.254038	0.39	0.209	2.37E-27	CD8.Ex	Ncaph2
Ddx39b	1.14E-31	0.330212	0.776	0.516	2.80E-27	CD8.Ex	Ddx39b
B3gnt22	1.18E-31	0.358783	0.488	0.283	2.90E-27	CD8.Ex	B3gnt2
Cbx3	1.35E-31	0.257031	0.568	0.336	3.31E-27	CD8.Ex	Cbx3
Kars	1.36E-31	0.315024	0.281	0.139	3.33E-27	CD8.Ex	Kars

Exosc9	1.56E-31	0.407269	0.259	0.125	3.82E-27	CD8.Ex	Exosc9
Smc3	1.57E-31	0.268181	0.468	0.263	3.84E-27	CD8.Ex	Smc3
Ptges3	1.60E-31	0.348786	0.641	0.404	3.92E-27	CD8.Ex	Ptges3
Vcp	1.65E-31	0.312484	0.681	0.438	4.04E-27	CD8.Ex	Vcp
Dohh	1.67E-31	0.400481	0.304	0.155	4.08E-27	CD8.Ex	Dohh
Ythdf21	2.24E-31	0.300211	0.413	0.228	5.48E-27	CD8.Ex	Ythdf2
Tmed9	2.56E-31	0.319504	0.725	0.471	6.27E-27	CD8.Ex	Tmed9
Pabpn1	2.62E-31	0.29495	0.698	0.452	6.43E-27	CD8.Ex	Pabpn1
Cnih41	3.03E-31	0.387967	0.458	0.263	7.41E-27	CD8.Ex	Cnih4
Lpcat41	3.32E-31	0.285888	0.308	0.155	8.13E-27	CD8.Ex	Lpcat4
Mrpl37	3.35E-31	0.376392	0.269	0.132	8.21E-27	CD8.Ex	Mrpl37
Lamtor51	3.57E-31	0.284089	0.536	0.317	8.74E-27	CD8.Ex	Lamtor5
S100a42	3.87E-31	0.53565	0.644	0.432	9.49E-27	CD8.Ex	S100a4
Mlf2	4.80E-31	0.326612	0.648	0.4	1.18E-26	CD8.Ex	Mlf2
Slc25a17	4.91E-31	0.373352	0.307	0.159	1.20E-26	CD8.Ex	Slc25a17
Ost4	5.53E-31	0.291637	0.887	0.651	1.35E-26	CD8.Ex	Ost4
Gpr65	7.37E-31	0.376065	0.3	0.152	1.80E-26	CD8.Ex	Gpr65
Pgls	7.44E-31	0.288173	0.725	0.46	1.82E-26	CD8.Ex	Pgls
Puf60	9.24E-31	0.290688	0.704	0.45	2.26E-26	CD8.Ex	Puf60
Tcerg1	9.34E-31	0.295901	0.408	0.229	2.29E-26	CD8.Ex	Tcerg1
Tcea1	1.30E-30	0.290163	0.644	0.405	3.18E-26	CD8.Ex	Tcea1
Sumo31	1.37E-30	0.316205	0.367	0.198	3.36E-26	CD8.Ex	Sumo3
MydGF1	1.46E-30	0.297638	0.414	0.231	3.58E-26	CD8.Ex	MydGF
Mrps24	1.53E-30	0.273119	0.712	0.463	3.74E-26	CD8.Ex	Mrps24
Commd2	1.56E-30	0.252166	0.388	0.212	3.82E-26	CD8.Ex	Commd2
D8ErtD738e	1.72E-30	0.291208	0.828	0.578	4.21E-26	CD8.Ex	D8ErtD738e
Ndufa8	1.77E-30	0.250894	0.668	0.425	4.34E-26	CD8.Ex	Ndufa8
1700123O20Rik	2.06E-30	0.263617	0.372	0.201	5.05E-26	CD8.Ex	1700123O20Rik
Znhit1	2.54E-30	0.319055	0.383	0.211	6.23E-26	CD8.Ex	Znhit1
Aldh9a1	2.70E-30	0.27762	0.267	0.131	6.60E-26	CD8.Ex	Aldh9a1
Abhd17a	2.81E-30	0.277563	0.591	0.358	6.87E-26	CD8.Ex	Abhd17a
Tpm3	3.26E-30	0.319127	0.877	0.666	7.99E-26	CD8.Ex	Tpm3
Med29	3.36E-30	0.26579	0.327	0.172	8.23E-26	CD8.Ex	Med29
Aamp	3.51E-30	0.288497	0.545	0.322	8.59E-26	CD8.Ex	Aamp
Tbcb	3.98E-30	0.252595	0.557	0.334	9.74E-26	CD8.Ex	Tbcb
Ap4s1	4.00E-30	0.278221	0.296	0.151	9.79E-26	CD8.Ex	Ap4s1
Kmt5a	4.08E-30	0.359055	0.335	0.178	9.99E-26	CD8.Ex	Kmt5a
Mrpl24	4.09E-30	0.267029	0.511	0.298	1.00E-25	CD8.Ex	Mrpl24
Ier3ip1	4.75E-30	0.250123	0.583	0.355	1.16E-25	CD8.Ex	Ier3ip1
Arpc1b	4.78E-30	0.306731	0.952	0.807	1.17E-25	CD8.Ex	Arpc1b
Psmd10	4.89E-30	0.351144	0.316	0.164	1.20E-25	CD8.Ex	Psmd10
Dap3	5.01E-30	0.332546	0.364	0.198	1.23E-25	CD8.Ex	Dap3
Eif3k	5.09E-30	0.312988	0.91	0.694	1.25E-25	CD8.Ex	Eif3k
Rrp7a	5.09E-30	0.303957	0.314	0.163	1.25E-25	CD8.Ex	Rrp7a

Hmgb1	5.40E-30	0.306821	0.909	0.722	1.32E-25	CD8.Ex	Hmgb1
Rtraf1	5.99E-30	0.316868	0.778	0.529	1.47E-25	CD8.Ex	Rtraf
Chmp2a1	6.44E-30	0.286312	0.679	0.428	1.58E-25	CD8.Ex	Chmp2a
Crip11	7.29E-30	0.422386	0.91	0.773	1.79E-25	CD8.Ex	Crip1
Pold3	7.47E-30	0.326413	0.258	0.126	1.83E-25	CD8.Ex	Pold3
Copb2	7.85E-30	0.287029	0.44	0.253	1.92E-25	CD8.Ex	Copb2
Rpl7l1	7.99E-30	0.309539	0.362	0.197	1.96E-25	CD8.Ex	Rpl7l1
Aurkaip1	8.91E-30	0.300755	0.669	0.423	2.18E-25	CD8.Ex	Aurkaip1
Dnajc19	9.61E-30	0.262405	0.602	0.368	2.35E-25	CD8.Ex	Dnajc19
lah1	9.91E-30	0.255965	0.331	0.175	2.43E-25	CD8.Ex	lah1
Esf1	1.10E-29	0.253691	0.302	0.154	2.69E-25	CD8.Ex	Esf1
Alkbh1	1.52E-29	0.311028	0.275	0.139	3.73E-25	CD8.Ex	Alkbh1
Hypk	1.57E-29	0.284459	0.305	0.158	3.85E-25	CD8.Ex	Hypk
Ube2i	1.66E-29	0.294173	0.846	0.622	4.07E-25	CD8.Ex	Ube2i
Cd3g2	1.88E-29	0.259625	0.959	0.733	4.59E-25	CD8.Ex	Cd3g
Itm2a	2.66E-29	0.552673	0.277	0.139	6.52E-25	CD8.Ex	Itm2a
Pfdn2	3.27E-29	0.261734	0.623	0.39	8.00E-25	CD8.Ex	Pfdn2
Traf2	3.58E-29	0.314405	0.276	0.139	8.76E-25	CD8.Ex	Traf2
Pet100	3.96E-29	0.250133	0.394	0.221	9.71E-25	CD8.Ex	Pet100
Top1	5.99E-29	0.264662	0.674	0.431	1.47E-24	CD8.Ex	Top1
M6pr1	6.03E-29	0.376285	0.625	0.389	1.48E-24	CD8.Ex	M6pr
Eif2b5	7.04E-29	0.40495	0.271	0.137	1.72E-24	CD8.Ex	Eif2b5
Prps2	8.23E-29	0.281843	0.299	0.154	2.02E-24	CD8.Ex	Prps2
Sri1	1.01E-28	0.290251	0.837	0.612	2.48E-24	CD8.Ex	Sri
Eef1d	1.08E-28	0.287732	0.898	0.681	2.64E-24	CD8.Ex	Eef1d
Tsta3	1.08E-28	0.348556	0.285	0.147	2.65E-24	CD8.Ex	Tsta3
Psm9	1.21E-28	0.326455	0.324	0.174	2.97E-24	CD8.Ex	Psm9
Thy11	1.26E-28	0.279471	0.911	0.694	3.09E-24	CD8.Ex	Thy1
Cnbp	1.30E-28	0.349754	0.908	0.722	3.19E-24	CD8.Ex	Cnbp
Anapc13	1.40E-28	0.260758	0.428	0.244	3.42E-24	CD8.Ex	Anapc13
Sart3	1.42E-28	0.38094	0.262	0.133	3.48E-24	CD8.Ex	Sart3
Kti12	1.57E-28	0.316652	0.267	0.134	3.85E-24	CD8.Ex	Kti12
2310011J0:	2.15E-28	0.259228	0.376	0.208	5.27E-24	CD8.Ex	2310011J03Rik
Ech12	2.61E-28	0.301172	0.653	0.427	6.40E-24	CD8.Ex	Ech1
Hnrnpk	2.69E-28	0.313016	0.861	0.658	6.58E-24	CD8.Ex	Hnrnpk
Gpm6b	2.88E-28	0.357545	0.253	0.125	7.06E-24	CD8.Ex	Gpm6b
Thumpd1	3.13E-28	0.301141	0.252	0.125	7.66E-24	CD8.Ex	Thumpd1
Tada1	3.73E-28	0.296182	0.271	0.138	9.13E-24	CD8.Ex	Tada1
Rbl11	3.82E-28	0.258073	0.271	0.138	9.37E-24	CD8.Ex	Rbl1
Trnt1	3.87E-28	0.295657	0.259	0.129	9.47E-24	CD8.Ex	Trnt1
Mrp1521	3.91E-28	0.275194	0.802	0.563	9.56E-24	CD8.Ex	Mrp152
Hnrnpc	4.12E-28	0.288253	0.55	0.34	1.01E-23	CD8.Ex	Hnrnpc
Jund1	4.53E-28	0.355279	0.926	0.774	1.11E-23	CD8.Ex	Jund
Nr2c2ap	5.04E-28	0.442108	0.259	0.13	1.24E-23	CD8.Ex	Nr2c2ap

Fastk	5.73E-28	0.269159	0.277	0.142	1.40E-23	CD8.Ex	Fastk
Vars1	5.81E-28	0.263611	0.44	0.256	1.42E-23	CD8.Ex	Vars
Htatsf1	6.34E-28	0.288626	0.307	0.162	1.55E-23	CD8.Ex	Htatsf1
Gfer1	7.10E-28	0.378611	0.301	0.16	1.74E-23	CD8.Ex	Gfer
Acot9	7.78E-28	0.287427	0.275	0.141	1.91E-23	CD8.Ex	Acot9
Tomm72	8.03E-28	0.287795	0.827	0.601	1.97E-23	CD8.Ex	Tomm7
Il3ra	8.51E-28	0.342762	0.269	0.137	2.08E-23	CD8.Ex	Il3ra
Cd521	8.79E-28	0.292566	0.975	0.92	2.15E-23	CD8.Ex	Cd52
Eif4g1	1.02E-27	0.283898	0.551	0.339	2.51E-23	CD8.Ex	Eif4g1
Htatip2	1.07E-27	0.358748	0.284	0.148	2.61E-23	CD8.Ex	Htatip2
Prdx41	1.40E-27	0.332064	0.28	0.144	3.43E-23	CD8.Ex	Prdx4
Pdzd11	1.61E-27	0.367745	0.283	0.149	3.94E-23	CD8.Ex	Pdzd11
Ywhae1	2.42E-27	0.301287	0.74	0.495	5.92E-23	CD8.Ex	Ywhae
B4galt5	2.84E-27	0.257172	0.271	0.14	6.96E-23	CD8.Ex	B4galt5
Cd481	2.97E-27	0.28309	0.802	0.57	7.28E-23	CD8.Ex	Cd48
Eif1ad1	3.82E-27	0.312879	0.337	0.185	9.36E-23	CD8.Ex	Eif1ad
Zfp7061	4.79E-27	0.282287	0.797	0.54	1.17E-22	CD8.Ex	Zfp706
Bcl3	5.21E-27	0.335886	0.282	0.148	1.28E-22	CD8.Ex	Bcl3
Tmem70	5.90E-27	0.322466	0.252	0.127	1.44E-22	CD8.Ex	Tmem70
Uqcr11	6.14E-27	0.277433	0.746	0.501	1.50E-22	CD8.Ex	Uqcr11
Srprb1	6.66E-27	0.300869	0.272	0.141	1.63E-22	CD8.Ex	Srprb
Gosr2	6.72E-27	0.297831	0.289	0.152	1.65E-22	CD8.Ex	Gosr2
Ndufa3	8.63E-27	0.266044	0.797	0.569	2.11E-22	CD8.Ex	Ndufa3
Phf11c	8.97E-27	0.284637	0.259	0.131	2.20E-22	CD8.Ex	Phf11c
Ppp4c	1.00E-26	0.266034	0.728	0.488	2.46E-22	CD8.Ex	Ppp4c
Cse11l	1.19E-26	0.429524	0.273	0.143	2.91E-22	CD8.Ex	Cse1l
Dgkz1	1.39E-26	0.280335	0.525	0.325	3.40E-22	CD8.Ex	Dgkz
Trir	1.52E-26	0.261748	0.776	0.523	3.71E-22	CD8.Ex	Trir
Larp41	1.62E-26	0.25664	0.26	0.134	3.97E-22	CD8.Ex	Larp4
Hcls11	1.67E-26	0.250636	0.687	0.441	4.08E-22	CD8.Ex	Hcls1
Calm3	2.78E-26	0.273063	0.74	0.494	6.81E-22	CD8.Ex	Calm3
Akr1b3	3.91E-26	0.277207	0.667	0.433	9.58E-22	CD8.Ex	Akr1b3
Mdh1	8.58E-26	0.250111	0.762	0.526	2.10E-21	CD8.Ex	Mdh1
Tmem1091	1.19E-25	0.371134	0.304	0.166	2.92E-21	CD8.Ex	Tmem109
Utp14a	1.33E-25	0.414376	0.256	0.133	3.25E-21	CD8.Ex	Utp14a
Med25	1.84E-25	0.263013	0.273	0.144	4.50E-21	CD8.Ex	Med25
Eri1	1.89E-25	0.273619	0.266	0.138	4.62E-21	CD8.Ex	Eri1
Nelfa	3.70E-25	0.29198	0.268	0.141	9.06E-21	CD8.Ex	Nelfa
Nsmce3	4.34E-25	0.268265	0.283	0.151	1.06E-20	CD8.Ex	Nsmce3
Glrx1	4.52E-25	0.336613	0.516	0.326	1.11E-20	CD8.Ex	Glrx
Wars	7.83E-25	0.26419	0.265	0.14	1.92E-20	CD8.Ex	Wars
Zfp330	8.62E-25	0.288524	0.292	0.158	2.11E-20	CD8.Ex	Zfp330
Taf1d	9.18E-25	0.261168	0.32	0.179	2.25E-20	CD8.Ex	Taf1d
Afg3l1	1.21E-24	0.293862	0.29	0.158	2.97E-20	CD8.Ex	Afg3l1

lars	1.66E-24	0.337966	0.253	0.133	4.06E-20	CD8.Ex	lars
Nfkbid	4.20E-24	0.901444	0.29	0.162	1.03E-19	CD8.Ex	Nfkbid
Pycard2	6.28E-24	0.270668	0.731	0.49	1.54E-19	CD8.Ex	Pycard
Yars	2.37E-23	0.316838	0.317	0.18	5.80E-19	CD8.Ex	Yars
Gpi11	3.17E-23	0.264856	0.826	0.604	7.76E-19	CD8.Ex	Gpi1
Jaml2	4.53E-23	0.311914	0.44	0.264	1.11E-18	CD8.Ex	Jaml
9530068E0	5.01E-23	0.253262	0.341	0.197	1.23E-18	CD8.Ex	9530068E07Rik
Eno1	6.45E-23	0.287359	0.646	0.436	1.58E-18	CD8.Ex	Eno1
Yif1a1	6.49E-23	0.280011	0.25	0.133	1.59E-18	CD8.Ex	Yif1a
Osgep1	8.95E-23	0.307342	0.356	0.208	2.19E-18	CD8.Ex	Osgep
Hmgn11	1.45E-22	0.259971	0.444	0.274	3.56E-18	CD8.Ex	Hmgn1
Wdr11	2.19E-22	0.266539	0.698	0.481	5.37E-18	CD8.Ex	Wdr1
Reep52	4.62E-22	0.26898	0.837	0.616	1.13E-17	CD8.Ex	Reep5
Dnlz	6.99E-22	0.260497	0.273	0.151	1.71E-17	CD8.Ex	Dnlz
Reep31	8.24E-22	0.262883	0.374	0.223	2.02E-17	CD8.Ex	Reep3
Phf23	1.50E-21	0.253771	0.265	0.146	3.68E-17	CD8.Ex	Phf23
Lilrb4a	1.08E-20	0.421915	0.324	0.192	2.65E-16	CD8.Ex	Lilrb4a
St6galnac4	1.35E-20	0.270331	0.294	0.169	3.31E-16	CD8.Ex	St6galnac4
Bcl2l112	1.57E-20	0.301145	0.306	0.179	3.86E-16	CD8.Ex	Bcl2l11
S100a62	6.43E-19	0.287995	0.813	0.622	1.57E-14	CD8.Ex	S100a6
Gzmb1	6.02E-18	0.510833	0.294	0.18	1.47E-13	CD8.Ex	Gzmb
Bcl2l12	4.08E-17	0.255214	0.262	0.155	9.98E-13	CD8.Ex	Bcl2l1
Bmyc2	7.88E-15	0.514019	0.317	0.203	1.93E-10	CD8.Ex	Bmyc
Vim1	3.56E-13	0.314606	0.81	0.713	8.71E-09	CD8.Ex	Vim
Birc51	0	4.464544	0.826	0.068	0	Prolif T	Birc5
Mki671	0	4.071838	0.822	0.11	0	Prolif T	Mki67
Stmn12	0	3.808117	0.862	0.169	0	Prolif T	Stmn1
Top2a1	0	3.949117	0.804	0.116	0	Prolif T	Top2a
Pclaf2	0	4.195969	0.766	0.079	0	Prolif T	Pclaf
Cdca81	0	4.226431	0.751	0.069	0	Prolif T	Cdca8
Ube2c1	0	4.637879	0.742	0.067	0	Prolif T	Ube2c
Ccna2	0	4.691458	0.724	0.051	0	Prolif T	Ccna2
Cdca3	0	4.468252	0.72	0.054	0	Prolif T	Cdca3
Ccnb2	0	4.219882	0.72	0.057	0	Prolif T	Ccnb2
Cks1b2	0	3.689336	0.765	0.105	0	Prolif T	Cks1b
Tpx2	0	4.159018	0.716	0.06	0	Prolif T	Tpx2
Nusap1	0	4.602814	0.692	0.048	0	Prolif T	Nusap1
Hist1h1b	0	4.386825	0.701	0.062	0	Prolif T	Hist1h1b
Spc24	0	4.22988	0.696	0.063	0	Prolif T	Spc24
Cks21	0	3.520315	0.798	0.166	0	Prolif T	Cks2
Kif11	0	4.463317	0.67	0.048	0	Prolif T	Kif11
Cdk11	0	3.868709	0.692	0.073	0	Prolif T	Cdk1
Smc22	0	3.192443	0.74	0.134	0	Prolif T	Smc2
Cenpf	0	4.525771	0.652	0.048	0	Prolif T	Cenpf

Rrm2	0	4.457414	0.662	0.058	0 Prolif T	Rrm2
Cenpa1	0	3.532699	0.729	0.127	0 Prolif T	Cenpa
H2afx1	0	3.356352	0.793	0.203	0 Prolif T	H2afx
Kn1	0	4.147179	0.63	0.05	0 Prolif T	Kn1
Tacc3	0	3.882471	0.639	0.067	0 Prolif T	Tacc3
Prc1	0	3.923382	0.627	0.057	0 Prolif T	Prc1
Hist1h2ae	0	4.699475	0.622	0.053	0 Prolif T	Hist1h2ae
Lmn12	0	2.730005	0.83	0.262	0 Prolif T	Lmn1
Asf1b1	0	3.711631	0.643	0.076	0 Prolif T	Asf1b
Lockd	0	2.880829	0.701	0.134	0 Prolif T	Lockd
Racgap11	0	2.971952	0.673	0.111	0 Prolif T	Racgap1
Incenp1	0	3.043562	0.675	0.117	0 Prolif T	Incenp
Aurkb	0	3.941852	0.607	0.05	0 Prolif T	Aurkb
Hist1h2ap	0	4.895941	0.598	0.047	0 Prolif T	Hist1h2ap
Tmpo1	0	2.33822	0.815	0.275	0 Prolif T	Tmpo
Ncapd21	0	3.155324	0.621	0.082	0 Prolif T	Ncapd2
Cenpe	0	3.920579	0.586	0.048	0 Prolif T	Cenpe
Diaph31	0	3.248713	0.624	0.087	0 Prolif T	Diaph3
Kif22	0	4.049232	0.579	0.046	0 Prolif T	Kif22
Fbxo5	0	4.306986	0.573	0.043	0 Prolif T	Fbxo5
Plk1	0	4.371124	0.565	0.038	0 Prolif T	Plk1
Tyms2	0	3.215743	0.635	0.111	0 Prolif T	Tyms
Rrm12	0	2.87542	0.65	0.128	0 Prolif T	Rrm1
Hmmr	0	4.579998	0.557	0.035	0 Prolif T	Hmmr
Anp32e1	0	2.104708	0.82	0.3	0 Prolif T	Anp32e
Cenpw1	0	3.097736	0.604	0.084	0 Prolif T	Cenpw
Tk12	0	3.298572	0.599	0.079	0 Prolif T	Tk1
Ezh22	0	2.494224	0.691	0.172	0 Prolif T	Ezh2
Cenpm	0	3.811134	0.571	0.054	0 Prolif T	Cenpm
Hist1h1e1	0	2.901055	0.765	0.257	0 Prolif T	Hist1h1e
Ckap2l	0	3.849418	0.552	0.047	0 Prolif T	Ckap2l
Kif23	0	3.561974	0.556	0.052	0 Prolif T	Kif23
Mxd3	0	5.129671	0.522	0.023	0 Prolif T	Mxd3
Tuba1b2	0	2.849109	0.843	0.346	0 Prolif T	Tuba1b
Cdc20	0	4.267238	0.538	0.044	0 Prolif T	Cdc20
Dut1	0	2.36441	0.742	0.25	0 Prolif T	Dut
Hist1h1d1	0	3.676463	0.59	0.099	0 Prolif T	Hist1h1d
Bub1b	0	3.733924	0.534	0.047	0 Prolif T	Bub1b
Kif15	0	3.386954	0.548	0.063	0 Prolif T	Kif15
Neil3	0	3.958229	0.526	0.042	0 Prolif T	Neil3
Gmnn2	0	2.38549	0.627	0.143	0 Prolif T	Gmnn
Mad2l1	0	2.95135	0.556	0.073	0 Prolif T	Mad2l1
Ndc80	0	3.566692	0.533	0.052	0 Prolif T	Ndc80
Ska1	0	4.791976	0.506	0.028	0 Prolif T	Ska1

Spc25	0	4.044007	0.518	0.041	0 Prolif T	Spc25
Hmgb31	0	3.113236	0.554	0.079	0 Prolif T	Hmgb3
Kifc1	0	3.789933	0.517	0.045	0 Prolif T	Kifc1
Cdkn3	0	3.77641	0.512	0.045	0 Prolif T	Cdkn3
Ccdc341	0	2.290501	0.583	0.116	0 Prolif T	Ccdc34
Hist1h4d	0	3.188686	0.56	0.096	0 Prolif T	Hist1h4d
Ncaph	0	3.507885	0.516	0.052	0 Prolif T	Ncaph
Clspn	0	3.773027	0.515	0.051	0 Prolif T	Clspn
Pbk	0	4.125818	0.501	0.038	0 Prolif T	Pbk
Tubb4b1	0	2.515527	0.848	0.385	0 Prolif T	Tubb4b
Knstrn	0	3.294895	0.515	0.059	0 Prolif T	Knstrn
Hmgn22	0	2.76398	0.884	0.431	0 Prolif T	Hmgn2
Cdca2	0	3.540584	0.498	0.045	0 Prolif T	Cdca2
Ccnf	0	3.730557	0.494	0.042	0 Prolif T	Ccnf
Cit	0	3.347305	0.501	0.05	0 Prolif T	Cit
Ccnb1	0	4.019187	0.494	0.043	0 Prolif T	Ccnb1
Hjurp1	0	2.223316	0.567	0.116	0 Prolif T	Hjurp
Ect2	0	3.663252	0.492	0.043	0 Prolif T	Ect2
Aspm	0	4.478505	0.477	0.028	0 Prolif T	Aspm
Cenpp	0	3.575424	0.493	0.048	0 Prolif T	Cenpp
Lig11	0	2.387007	0.557	0.113	0 Prolif T	Lig1
Kpna2	0	3.2476	0.545	0.101	0 Prolif T	Kpna2
Dlgap5	0	3.415347	0.494	0.05	0 Prolif T	Dlgap5
Ncapg	0	3.786911	0.48	0.038	0 Prolif T	Ncapg
Ube2s1	0	2.471783	0.877	0.439	0 Prolif T	Ube2s
Mis18bp1	0	3.882604	0.471	0.035	0 Prolif T	Mis18bp1
Rad51	0	3.562563	0.48	0.046	0 Prolif T	Rad51
Esco2	0	4.428923	0.46	0.028	0 Prolif T	Esco2
Kif4	0	3.914821	0.464	0.035	0 Prolif T	Kif4
Depdc1a	0	4.766431	0.454	0.025	0 Prolif T	Depdc1a
Ncapg2	0	3.588723	0.477	0.048	0 Prolif T	Ncapg2
Uhrf11	0	3.077723	0.483	0.061	0 Prolif T	Uhrf1
Shcbp1	0	4.144015	0.455	0.034	0 Prolif T	Shcbp1
Cdc25b	0	2.979986	0.492	0.071	0 Prolif T	Cdc25b
Aurka	0	3.893119	0.455	0.037	0 Prolif T	Aurka
Pmf12	0	2.168705	0.516	0.102	0 Prolif T	Pmf1
Nuf2	0	4.000177	0.445	0.032	0 Prolif T	Nuf2
Pimreg	0	4.48783	0.441	0.028	0 Prolif T	Pimreg
Ube2t	0	2.838678	0.467	0.06	0 Prolif T	Ube2t
Kif20b	0	3.06596	0.462	0.056	0 Prolif T	Kif20b
Kif20a	0	4.066123	0.433	0.03	0 Prolif T	Kif20a
Cep55	0	3.942396	0.44	0.037	0 Prolif T	Cep55
Dbf4	0	2.193138	0.494	0.092	0 Prolif T	Dbf4
Ckap2	0	4.32735	0.431	0.029	0 Prolif T	Ckap2

Hist1h2ab	0	4.81731	0.416	0.021	0 Prolif T	Hist1h2ab
Kif18b	0	4.456636	0.419	0.026	0 Prolif T	Kif18b
Cdkn2c	0	2.450853	0.478	0.086	0 Prolif T	Cdkn2c
Rad51ap1	0	3.556111	0.434	0.043	0 Prolif T	Rad51ap1
Sgo2a	0	4.108254	0.419	0.029	0 Prolif T	Sgo2a
Hist1h3e	0	3.281056	0.442	0.06	0 Prolif T	Hist1h3e
Cdca5	0	4.464652	0.407	0.026	0 Prolif T	Cdca5
Hist1h1a	0	4.164368	0.407	0.031	0 Prolif T	Hist1h1a
Parpbb	0	4.574124	0.398	0.023	0 Prolif T	Parpbb
Depdc1b	0	4.325494	0.397	0.026	0 Prolif T	Depdc1b
Plk4	0	2.752371	0.422	0.055	0 Prolif T	Plk4
Hist1h2bj	0	4.258253	0.396	0.029	0 Prolif T	Hist1h2bj
Tcf19	0	2.999765	0.429	0.063	0 Prolif T	Tcf19
Melk	0	3.651521	0.399	0.036	0 Prolif T	Melk
Kif2c	0	4.226638	0.387	0.027	0 Prolif T	Kif2c
Anln	0	3.743627	0.392	0.036	0 Prolif T	Anln
Arhgap11a	0	3.199749	0.398	0.043	0 Prolif T	Arhgap11a
Gm10282	0	2.857468	0.41	0.057	0 Prolif T	Gm10282
Hist1h2ak	0	4.666475	0.375	0.022	0 Prolif T	Hist1h2ak
Sgo1	0	4.37811	0.377	0.024	0 Prolif T	Sgo1
Ska2	0	2.353351	0.406	0.062	0 Prolif T	Ska2
Poc1a	0	3.327991	0.377	0.038	0 Prolif T	Poc1a
Bub1	0	4.02797	0.363	0.025	0 Prolif T	Bub1
Cenpk	0	3.253891	0.382	0.046	0 Prolif T	Cenpk
Hist2h2ac	0	3.558847	0.371	0.036	0 Prolif T	Hist2h2ac
Spag5	0	3.848117	0.36	0.027	0 Prolif T	Spag5
Hmgb21	0	2.997385	0.935	0.603	0 Prolif T	Hmgb2
Tubb52	0	2.647756	0.906	0.574	0 Prolif T	Tubb5
Figl1	0	3.318535	0.371	0.04	0 Prolif T	Figl1
Cdc45	0	3.367995	0.367	0.04	0 Prolif T	Cdc45
Foxm1	0	3.756042	0.354	0.028	0 Prolif T	Foxm1
Nek2	0	4.391715	0.347	0.022	0 Prolif T	Nek2
Gm4316	0	3.293084	0.366	0.042	0 Prolif T	Gm4316
Sapcd2	0	5.241353	0.329	0.013	0 Prolif T	Sapcd2
Cenpl	0	2.681708	0.355	0.042	0 Prolif T	Cenpl
Cip2a	0	3.489733	0.342	0.031	0 Prolif T	Cip2a
Gpsm2	0	3.454184	0.34	0.029	0 Prolif T	Gpsm2
Kif18a	0	3.15101	0.345	0.037	0 Prolif T	Kif18a
E2f8	0	3.552573	0.33	0.03	0 Prolif T	E2f8
Gm20628	0	4.790533	0.32	0.021	0 Prolif T	Gm20628
Mastl	0	3.919163	0.321	0.023	0 Prolif T	Mastl
Kntc1	0	3.655832	0.325	0.031	0 Prolif T	Kntc1
Cenph	0	3.63077	0.326	0.032	0 Prolif T	Cenph
Bard1	0	3.112673	0.328	0.037	0 Prolif T	Bard1

Tedc1	0	3.248948	0.32	0.029	0	Prolif T	Tedc1
Gtse1	0	3.933728	0.308	0.02	0	Prolif T	Gtse1
Ttk	0	4.167178	0.308	0.021	0	Prolif T	Ttk
Kif14	0	4.3871	0.301	0.018	0	Prolif T	Kif14
Brca1	0	3.332111	0.312	0.036	0	Prolif T	Brca1
Stil	0	3.621331	0.299	0.026	0	Prolif T	Stil
Mybl2	0	3.478972	0.295	0.026	0	Prolif T	Mybl2
Espl1	0	3.892888	0.288	0.024	0	Prolif T	Espl1
Ska3	0	3.856518	0.282	0.019	0	Prolif T	Ska3
Hist2h2bb	0	3.65981	0.286	0.024	0	Prolif T	Hist2h2bb
Mtfr2	0	3.622046	0.284	0.022	0	Prolif T	Mtfr2
Trip13	0	3.229387	0.289	0.027	0	Prolif T	Trip13
Cenpn	0	3.269401	0.286	0.028	0	Prolif T	Cenpn
E2f7	0	3.636494	0.28	0.023	0	Prolif T	E2f7
Prr11	0	3.87375	0.277	0.02	0	Prolif T	Prr11
Spdl1	0	3.457644	0.282	0.025	0	Prolif T	Spdl1
Fam83d	0	3.953967	0.269	0.02	0	Prolif T	Fam83d
BC030867	0	4.384888	0.26	0.016	0	Prolif T	BC030867
H2afz3	0	2.046118	0.928	0.733	0	Prolif T	H2afz
Ptma1	7.75E-304	1.608963	0.957	0.896	1.90E-299	Prolif T	Ptma
Fen12	8.11E-304	2.263748	0.553	0.121	1.99E-299	Prolif T	Fen1
Brip1	9.75E-304	3.021598	0.322	0.04	2.39E-299	Prolif T	Brip1
Rfc41	1.19E-303	2.354953	0.478	0.09	2.91E-299	Prolif T	Rfc4
Tuba1c1	6.50E-302	2.709603	0.624	0.17	1.59E-297	Prolif T	Tuba1c
Hmgb11	8.17E-297	1.625733	0.921	0.723	2.00E-292	Prolif T	Hmgb1
H2afv	1.42E-295	2.175613	0.894	0.538	3.48E-291	Prolif T	H2afv
4930579G2	3.82E-293	2.868049	0.28	0.031	9.35E-289	Prolif T	4930579G24Rik
Rcc1	1.53E-288	2.423004	0.382	0.06	3.76E-284	Prolif T	Rcc1
Mcm52	5.93E-288	2.228382	0.526	0.114	1.45E-283	Prolif T	Mcm5
Prim11	1.77E-287	2.366876	0.404	0.067	4.32E-283	Prolif T	Prim1
Chaf1a	6.67E-284	2.595922	0.365	0.056	1.63E-279	Prolif T	Chaf1a
Smc41	4.48E-282	1.915688	0.807	0.329	1.10E-277	Prolif T	Smc4
Hmgn5	7.97E-280	2.041455	0.451	0.084	1.95E-275	Prolif T	Hmgn5
Ran1	8.76E-280	1.674535	0.892	0.6	2.15E-275	Prolif T	Ran
Nrm2	1.01E-277	2.280766	0.539	0.123	2.48E-273	Prolif T	Nrm
Zwilch	3.39E-274	2.831006	0.283	0.034	8.31E-270	Prolif T	Zwilch
Cenps	2.58E-273	2.546956	0.321	0.044	6.31E-269	Prolif T	Cenps
Pole	1.00E-271	2.662934	0.321	0.045	2.45E-267	Prolif T	Pole
Kifc5b	1.01E-269	2.81843	0.265	0.03	2.48E-265	Prolif T	Kifc5b
Selenoh1	7.50E-266	2.027937	0.791	0.328	1.84E-261	Prolif T	Selenoh
Bora	1.67E-265	2.048731	0.365	0.058	4.09E-261	Prolif T	Bora
B020010K1	1.83E-265	2.995007	0.305	0.041	4.47E-261	Prolif T	B020010K11Rik
Mcm72	1.94E-264	2.085297	0.563	0.14	4.75E-260	Prolif T	Mcm7
Tipin1	4.93E-256	1.996789	0.602	0.164	1.21E-251	Prolif T	Tipin

Hirip3	1.30E-254	2.323147	0.407	0.077	3.19E-250	Prolif T	Hirip3
Hist1h4i	2.71E-254	2.282099	0.355	0.058	6.63E-250	Prolif T	Hist1h4i
Ncapd31	5.89E-254	1.980878	0.521	0.121	1.44E-249	Prolif T	Ncapd3
Mns1	2.62E-253	1.960347	0.417	0.078	6.41E-249	Prolif T	Mns1
Arhgap19	3.51E-253	2.911501	0.263	0.032	8.60E-249	Prolif T	Arhgap19
Rangap11	4.73E-252	1.845219	0.579	0.149	1.16E-247	Prolif T	Rangap1
Cmc2	8.42E-252	1.865455	0.576	0.147	2.06E-247	Prolif T	Cmc2
Nucks11	3.41E-250	1.753245	0.827	0.379	8.35E-246	Prolif T	Nucks1
Efcab11	1.15E-244	2.501902	0.268	0.034	2.81E-240	Prolif T	Efcab11
Dhfr1	5.08E-243	2.392453	0.336	0.055	1.25E-238	Prolif T	Dhfr
Rfc51	8.52E-243	1.929857	0.455	0.097	2.09E-238	Prolif T	Rfc5
Anp32b1	1.57E-242	1.56564	0.887	0.565	3.84E-238	Prolif T	Anp32b
Ccne1	3.13E-242	2.681329	0.303	0.045	7.66E-238	Prolif T	Ccne1
Rad21	2.63E-241	1.800671	0.75	0.281	6.44E-237	Prolif T	Rad21
Pola11	8.51E-240	2.306416	0.458	0.1	2.08E-235	Prolif T	Pola1
Ckap51	1.06E-236	1.817544	0.595	0.165	2.59E-232	Prolif T	Ckap5
Alyref1	1.87E-236	1.841466	0.784	0.362	4.58E-232	Prolif T	Alyref
Dsn1	4.51E-236	2.410395	0.279	0.038	1.10E-231	Prolif T	Dsn1
Atad5	1.15E-235	2.426113	0.332	0.055	2.82E-231	Prolif T	Atad5
Trim59	5.99E-235	1.921569	0.513	0.123	1.47E-230	Prolif T	Trim59
Mcm32	3.46E-230	1.984414	0.533	0.14	8.46E-226	Prolif T	Mcm3
Tubg11	3.03E-229	1.901188	0.445	0.097	7.43E-225	Prolif T	Tubg1
Rnaseh2b2	1.81E-223	1.781516	0.554	0.15	4.43E-219	Prolif T	Rnaseh2b
E2f2	1.23E-222	2.880927	0.304	0.049	3.00E-218	Prolif T	E2f2
Suv39h1	5.39E-219	1.985395	0.354	0.065	1.32E-214	Prolif T	Suv39h1
Hells1	8.42E-218	2.017357	0.431	0.096	2.06E-213	Prolif T	Hells
Atad22	1.30E-216	1.882483	0.578	0.166	3.17E-212	Prolif T	Atad2
Hist1h1c1	3.10E-215	2.177071	0.557	0.161	7.59E-211	Prolif T	Hist1h1c
Gins21	9.31E-213	2.136775	0.347	0.065	2.28E-208	Prolif T	Gins2
Reep41	7.49E-212	1.916815	0.484	0.122	1.84E-207	Prolif T	Reep4
Haspin	1.47E-211	2.272095	0.285	0.044	3.60E-207	Prolif T	Haspin
Haus41	5.49E-209	1.72191	0.524	0.14	1.34E-204	Prolif T	Haus4
Usp11	1.60E-206	1.722303	0.609	0.189	3.91E-202	Prolif T	Usp1
Wee1	6.49E-206	2.367526	0.279	0.044	1.59E-201	Prolif T	Wee1
Dtl	1.10E-204	2.577102	0.3	0.051	2.70E-200	Prolif T	Dtl
Psat12	1.34E-204	1.799147	0.509	0.137	3.29E-200	Prolif T	Psat1
Fzr1	2.48E-204	1.704183	0.526	0.145	6.06E-200	Prolif T	Fzr1
Slc43a3	5.09E-202	2.595577	0.31	0.056	1.25E-197	Prolif T	Slc43a3
Dek2	1.87E-201	1.754952	0.785	0.385	4.59E-197	Prolif T	Dek
Lsm21	7.05E-200	1.564997	0.674	0.239	1.73E-195	Prolif T	Lsm2
Nasp1	7.18E-200	1.775122	0.516	0.143	1.76E-195	Prolif T	Nasp
Anapc152	2.02E-198	1.670847	0.454	0.111	4.95E-194	Prolif T	Anapc15
Banf11	3.22E-195	1.385209	0.849	0.504	7.89E-191	Prolif T	Banf1
Nsd22	7.54E-195	1.813524	0.573	0.177	1.85E-190	Prolif T	Nsd2

Prim2	1.93E-194	1.780056	0.395	0.088	4.74E-190	Prolif T	Prim2
Ppia1	6.28E-194	0.791978	0.972	0.968	1.54E-189	Prolif T	Ppia
Orc61	6.48E-194	1.811004	0.465	0.121	1.59E-189	Prolif T	Orc6
Cbx52	9.95E-192	1.590657	0.532	0.151	2.44E-187	Prolif T	Cbx5
Cenpc1	2.34E-191	1.815423	0.409	0.095	5.73E-187	Prolif T	Cenpc1
Pold11	1.00E-187	1.768251	0.364	0.078	2.45E-183	Prolif T	Pold1
Blm	3.01E-186	1.940314	0.325	0.063	7.38E-182	Prolif T	Blm
Rhno1	4.43E-183	1.50941	0.454	0.116	1.08E-178	Prolif T	Rhno1
Chaf1b1	6.00E-183	1.973817	0.326	0.065	1.47E-178	Prolif T	Chaf1b
Tfdp12	1.72E-182	1.612537	0.527	0.156	4.22E-178	Prolif T	Tfdp1
1700097N0	6.05E-182	1.947154	0.31	0.059	1.48E-177	Prolif T	1700097N02Rik
Dck	8.63E-182	1.830656	0.409	0.099	2.11E-177	Prolif T	Dck
Dnmt11	3.02E-181	1.686501	0.62	0.222	7.40E-177	Prolif T	Dnmt1
Cep128	3.93E-180	1.802462	0.387	0.089	9.61E-176	Prolif T	Cep128
Tex30	1.09E-177	1.421967	0.414	0.1	2.66E-173	Prolif T	Tex30
Ncaph21	1.93E-177	1.476305	0.6	0.198	4.73E-173	Prolif T	Ncaph2
Pkmyt1	3.83E-177	1.586906	0.379	0.087	9.37E-173	Prolif T	Pkmyt1
Ppil11	5.90E-177	1.485465	0.514	0.151	1.45E-172	Prolif T	Ppil1
Pcna2	8.06E-177	1.895173	0.61	0.226	1.97E-172	Prolif T	Pcna
Mis18a	8.11E-177	1.462338	0.481	0.131	1.99E-172	Prolif T	Mis18a
Asns1	1.66E-175	2.208686	0.28	0.051	4.07E-171	Prolif T	Asns
Psmc3ip	4.99E-175	1.966067	0.269	0.047	1.22E-170	Prolif T	Psmc3ip
Polh	8.38E-175	1.965166	0.269	0.047	2.05E-170	Prolif T	Polh
Csrp12	1.10E-173	1.431863	0.596	0.198	2.70E-169	Prolif T	Csrp1
Fxn1	2.12E-172	1.488429	0.404	0.098	5.20E-168	Prolif T	Fxn
Rbm31	2.87E-172	0.960307	0.927	0.803	7.03E-168	Prolif T	Rbm3
Hnrnpab1	6.03E-171	1.394223	0.832	0.505	1.48E-166	Prolif T	Hnrnpab
Smc1a2	1.90E-170	1.439167	0.712	0.292	4.66E-166	Prolif T	Smc1a
Timeless	9.89E-169	2.072212	0.299	0.06	2.42E-164	Prolif T	Timeless
Rmi21	2.78E-168	1.919987	0.302	0.06	6.80E-164	Prolif T	Rmi2
Cenpt	5.95E-167	1.728578	0.274	0.05	1.46E-162	Prolif T	Cenpt
Bub3	4.52E-165	1.496093	0.74	0.354	1.11E-160	Prolif T	Bub3
Hdgf1	3.06E-164	1.512904	0.698	0.299	7.50E-160	Prolif T	Hdgf
Hnrnpa31	3.97E-163	1.133692	0.896	0.713	9.72E-159	Prolif T	Hnrnpa3
Rpa31	4.70E-163	1.415957	0.604	0.211	1.15E-158	Prolif T	Rpa3
G2e3	2.71E-162	1.773853	0.307	0.063	6.64E-158	Prolif T	G2e3
Rbbp8	3.23E-162	1.419174	0.409	0.105	7.91E-158	Prolif T	Rbbp8
Gm42047	5.64E-162	2.074641	0.302	0.063	1.38E-157	Prolif T	Gm42047
Cep57	2.18E-160	1.282041	0.476	0.136	5.34E-156	Prolif T	Cep57
Mms22l1	7.07E-160	1.838729	0.339	0.077	1.73E-155	Prolif T	Mms22l
Nap1111	9.20E-160	1.400085	0.762	0.388	2.25E-155	Prolif T	Nap11l
Ttf2	2.29E-159	1.79775	0.293	0.059	5.60E-155	Prolif T	Ttf2
Nup107	6.60E-159	1.365961	0.397	0.1	1.62E-154	Prolif T	Nup107
Mcm21	9.82E-159	1.787475	0.41	0.109	2.40E-154	Prolif T	Mcm2

Nup851	4.05E-156	1.470982	0.407	0.107	9.91E-152	Prolif T	Nup85
Hpf12	6.89E-156	1.384674	0.6	0.215	1.69E-151	Prolif T	Hpf1
Nup37	8.87E-155	1.582375	0.346	0.082	2.17E-150	Prolif T	Nup37
Mthfd22	1.14E-154	1.408179	0.544	0.181	2.78E-150	Prolif T	Mthfd2
Hnrnpa2b1	5.44E-154	0.87368	0.958	0.838	1.33E-149	Prolif T	Hnrnpa2b1
Phgdh1	1.17E-153	1.431955	0.672	0.281	2.86E-149	Prolif T	Phgdh
Lsm31	8.53E-152	1.292517	0.659	0.256	2.09E-147	Prolif T	Lsm3
Cdca4	1.16E-151	1.300996	0.526	0.169	2.84E-147	Prolif T	Cdca4
Tdp1	1.31E-151	1.498671	0.327	0.075	3.20E-147	Prolif T	Tdp1
Snrpd11	3.18E-151	1.342662	0.748	0.375	7.79E-147	Prolif T	Snrpd1
Dnajc91	7.64E-151	1.340678	0.627	0.236	1.87E-146	Prolif T	Dnajc9
Cdkn2d	6.82E-149	1.574111	0.604	0.232	1.67E-144	Prolif T	Cdkn2d
Zfp367	2.46E-148	1.778145	0.345	0.085	6.02E-144	Prolif T	Zfp367
Rfc31	4.49E-147	1.686387	0.337	0.081	1.10E-142	Prolif T	Rfc3
Rad18	8.17E-147	1.301508	0.332	0.077	2.00E-142	Prolif T	Rad18
Carhsp1	1.02E-145	1.786174	0.323	0.076	2.50E-141	Prolif T	Carhsp1
Gm433052	5.28E-145	1.685295	0.57	0.221	1.29E-140	Prolif T	Gm43305
Rfwd31	8.80E-144	1.473232	0.417	0.118	2.16E-139	Prolif T	Rfwd3
Anapc52	2.21E-142	1.277464	0.68	0.287	5.42E-138	Prolif T	Anapc5
Wdhd1	2.66E-141	1.973139	0.253	0.05	6.51E-137	Prolif T	Wdhd1
Siva12	7.73E-140	1.459741	0.539	0.191	1.89E-135	Prolif T	Siva1
Rbl12	1.43E-139	1.311427	0.437	0.129	3.51E-135	Prolif T	Rbl1
Lbr	1.70E-138	1.252163	0.71	0.303	4.15E-134	Prolif T	Lbr
Ulbp1	2.80E-138	1.586055	0.303	0.071	6.85E-134	Prolif T	Ulbp1
Plp22	4.04E-138	1.227701	0.664	0.273	9.90E-134	Prolif T	Plp2
Dctpp12	4.15E-138	1.375161	0.55	0.2	1.02E-133	Prolif T	Dctpp1
Slbp1	6.73E-138	1.592586	0.659	0.299	1.65E-133	Prolif T	Slbp
Dtymk1	1.10E-137	1.28577	0.558	0.202	2.69E-133	Prolif T	Dtymk
Cdk2	4.29E-137	1.703476	0.263	0.055	1.05E-132	Prolif T	Cdk2
Lsm51	6.71E-137	1.274224	0.711	0.331	1.64E-132	Prolif T	Lsm5
Kmt5a1	1.31E-136	1.274576	0.509	0.169	3.20E-132	Prolif T	Kmt5a
Mcm41	3.02E-136	1.38539	0.496	0.166	7.40E-132	Prolif T	Mcm4
Taf5	1.17E-135	1.418433	0.261	0.054	2.86E-131	Prolif T	Taf5
Ppih1	3.75E-135	1.318916	0.411	0.12	9.18E-131	Prolif T	Ppih
Mbnl3	5.29E-135	1.342199	0.259	0.053	1.29E-130	Prolif T	Mbnl3
Haus1	4.24E-134	1.528139	0.309	0.074	1.04E-129	Prolif T	Haus1
Pck21	2.38E-133	1.583916	0.346	0.091	5.84E-129	Prolif T	Pck2
Mad1l1	8.61E-133	1.311079	0.395	0.111	2.11E-128	Prolif T	Mad1l1
Fkbp22	1.26E-132	1.143171	0.655	0.263	3.08E-128	Prolif T	Fkbp2
Lmf2	4.37E-131	1.194914	0.382	0.107	1.07E-126	Prolif T	Lmf2
Preli3b1	7.76E-131	1.20578	0.568	0.211	1.90E-126	Prolif T	Preli3b
Nxt11	8.03E-131	1.192226	0.517	0.179	1.97E-126	Prolif T	Nxt1
Hint11	1.78E-130	0.919519	0.869	0.69	4.35E-126	Prolif T	Hint1
Ddx391	2.40E-129	1.183237	0.678	0.302	5.87E-125	Prolif T	Ddx39

Nup621	6.35E-129	1.263395	0.452	0.144	1.56E-124	Prolif T	Nup62
Cbx31	8.31E-128	1.129303	0.716	0.329	2.04E-123	Prolif T	Cbx3
Rdm1	1.44E-127	1.127692	0.502	0.169	3.52E-123	Prolif T	Rdm1
CAAA01147	1.52E-126	1.153997	0.821	0.548	3.73E-122	Prolif T	CAAA01147332.1
Pih1d11	1.67E-126	1.114248	0.485	0.161	4.09E-122	Prolif T	Pih1d1
Eri11	1.85E-126	1.338854	0.421	0.13	4.52E-122	Prolif T	Eri1
Tmem97	1.89E-126	1.525963	0.302	0.075	4.62E-122	Prolif T	Tmem97
Nde1	1.24E-125	1.125677	0.522	0.182	3.03E-121	Prolif T	Nde1
Sephs1	6.05E-125	1.251006	0.328	0.085	1.48E-120	Prolif T	Sephs1
Mcm61	9.70E-125	1.409894	0.594	0.249	2.37E-120	Prolif T	Mcm6
Suz12	2.31E-124	1.220776	0.623	0.251	5.66E-120	Prolif T	Suz12
Snrnp251	2.89E-124	1.041761	0.483	0.162	7.08E-120	Prolif T	Snrnp25
Mast2	3.35E-124	1.397571	0.336	0.09	8.21E-120	Prolif T	Mast2
Prdx42	9.56E-124	1.432864	0.428	0.137	2.34E-119	Prolif T	Prdx4
Ilf21	1.54E-123	0.971682	0.543	0.193	3.76E-119	Prolif T	Ilf2
Nudt211	1.73E-123	1.101207	0.74	0.373	4.24E-119	Prolif T	Nudt21
Aaas	3.51E-123	1.13396	0.386	0.112	8.59E-119	Prolif T	Aaas
Ubl4a1	1.36E-122	1.047119	0.548	0.199	3.32E-118	Prolif T	Ubl4a
Nelfe2	2.71E-122	1.164835	0.458	0.151	6.63E-118	Prolif T	Nelfe
Pold21	5.17E-122	1.318588	0.446	0.145	1.27E-117	Prolif T	Pold2
Impa21	5.62E-122	1.121242	0.462	0.153	1.38E-117	Prolif T	Impa2
Nfatc2ip	1.14E-121	1.256785	0.257	0.057	2.79E-117	Prolif T	Nfatc2ip
Casp31	1.25E-121	1.224045	0.438	0.141	3.07E-117	Prolif T	Casp3
Wdr76	1.35E-121	1.623631	0.279	0.067	3.30E-117	Prolif T	Wdr76
Pole3	4.58E-121	1.294824	0.35	0.098	1.12E-116	Prolif T	Pole3
Topbp12	5.36E-121	1.267922	0.429	0.136	1.31E-116	Prolif T	Topbp1
Slc29a12	6.70E-121	1.318645	0.468	0.159	1.64E-116	Prolif T	Slc29a1
Odf21	4.58E-120	1.089982	0.453	0.149	1.12E-115	Prolif T	Odf2
Dnaaf2	8.49E-120	1.258129	0.31	0.08	2.08E-115	Prolif T	Dnaaf2
Slc7a51	8.79E-119	1.424519	0.376	0.113	2.15E-114	Prolif T	Slc7a5
Tinf2	4.44E-118	1.198463	0.354	0.101	1.09E-113	Prolif T	Tinf2
Sae11	7.62E-118	1.032786	0.643	0.269	1.87E-113	Prolif T	Sae1
Rpa21	1.24E-117	1.13337	0.515	0.185	3.03E-113	Prolif T	Rpa2
Txn11	2.74E-117	0.957409	0.855	0.615	6.72E-113	Prolif T	Txn1
Tceal91	3.64E-117	1.17708	0.467	0.16	8.92E-113	Prolif T	Tceal9
Nsmce1	4.48E-117	1.138522	0.594	0.24	1.10E-112	Prolif T	Nsmce1
Srsf21	4.71E-117	1.104237	0.789	0.455	1.15E-112	Prolif T	Srsf2
D030056L2	1.24E-116	1.132286	0.313	0.082	3.03E-112	Prolif T	D030056L2Rik
Rbbp71	4.77E-116	1.195282	0.711	0.369	1.17E-111	Prolif T	Rbbp7
Haus3	7.05E-116	0.982153	0.398	0.122	1.73E-111	Prolif T	Haus3
Arl6ip1	1.27E-115	1.364595	0.89	0.704	3.11E-111	Prolif T	Arl6ip1
Fam216a	2.11E-115	1.13624	0.294	0.074	5.17E-111	Prolif T	Fam216a
Shmt21	2.99E-115	1.315665	0.472	0.169	7.32E-111	Prolif T	Shmt2
Srsf31	4.90E-115	0.988246	0.85	0.566	1.20E-110	Prolif T	Srsf3

Hat12	4.12E-113	1.156476	0.48	0.171	1.01E-108	Prolif T	Hat1
Calm31	5.04E-113	1.041123	0.824	0.491	1.24E-108	Prolif T	Calm3
Ranbp11	6.41E-113	1.182766	0.737	0.412	1.57E-108	Prolif T	Ranbp1
Cep295	1.07E-112	1.232544	0.349	0.101	2.62E-108	Prolif T	Cep295
Pradc1	1.59E-112	1.13475	0.265	0.064	3.89E-108	Prolif T	Pradc1
Haus5	3.12E-112	1.470713	0.253	0.059	7.63E-108	Prolif T	Haus5
Zw10	1.42E-111	1.324002	0.284	0.072	3.48E-107	Prolif T	Zw10
Exosc81	1.87E-111	1.015045	0.649	0.29	4.58E-107	Prolif T	Exosc8
Nt5c3b1	5.30E-111	1.08195	0.472	0.165	1.30E-106	Prolif T	Nt5c3b
Jpt1	1.34E-110	1.093114	0.841	0.598	3.28E-106	Prolif T	Jpt1
Ssrp12	1.55E-110	1.101964	0.691	0.34	3.80E-106	Prolif T	Ssrp1
Nmral1	1.02E-109	1.829411	0.266	0.067	2.49E-105	Prolif T	Nmral1
Cep57l1	3.23E-108	1.28331	0.263	0.065	7.92E-104	Prolif T	Cep57l1
Syce2	1.68E-107	1.456085	0.277	0.072	4.12E-103	Prolif T	Syce2
Pbdc11	3.46E-107	1.042373	0.485	0.178	8.48E-103	Prolif T	Pbdc1
Aars1	5.24E-107	1.272376	0.455	0.163	1.28E-102	Prolif T	Aars
Pcnt	1.79E-106	0.874968	0.434	0.146	4.38E-102	Prolif T	Pcnt
Nup205	2.12E-106	1.264673	0.307	0.085	5.20E-102	Prolif T	Nup205
Larp71	2.29E-106	0.993127	0.47	0.166	5.62E-102	Prolif T	Larp7
Naa401	8.14E-106	1.280916	0.371	0.117	1.99E-101	Prolif T	Naa40
Srrt	1.06E-104	1.007279	0.505	0.19	2.60E-100	Prolif T	Srrt
Nfyb	2.27E-104	0.838262	0.495	0.181	5.55E-100	Prolif T	Nfyb
Xpo1	2.69E-104	0.912646	0.475	0.171	6.58E-100	Prolif T	Xpo1
Zdhhc21	1.84E-103	1.067891	0.354	0.108	4.51E-99	Prolif T	Zdhhc2
Pola21	1.78E-102	1.111784	0.351	0.108	4.37E-98	Prolif T	Pola2
Rad51b1	5.81E-101	1.150632	0.428	0.147	1.42E-96	Prolif T	Rad51b
Smc31	9.46E-101	0.960292	0.602	0.257	2.32E-96	Prolif T	Smc3
Psph1	9.80E-101	0.970772	0.462	0.167	2.40E-96	Prolif T	Psph
Uchl5	1.09E-100	0.943376	0.502	0.19	2.66E-96	Prolif T	Uchl5
Pold31	1.27E-100	1.045624	0.375	0.121	3.12E-96	Prolif T	Pold3
Agfg2	2.30E-100	1.093566	0.381	0.124	5.64E-96	Prolif T	Agfg2
Clic1	2.34E-100	0.739471	0.909	0.843	5.73E-96	Prolif T	Clic1
Gclm1	2.55E-100	1.050793	0.673	0.316	6.23E-96	Prolif T	Gclm
Rbmx2	3.62E-100	1.261229	0.25	0.062	8.88E-96	Prolif T	Rbmx2
Snrpe2	4.40E-100	0.877849	0.831	0.618	1.08E-95	Prolif T	Snrpe
Nudt4	1.27E-98	0.964876	0.47	0.172	3.12E-94	Prolif T	Nudt4
Raly1	2.08E-98	0.982131	0.789	0.494	5.09E-94	Prolif T	Raly
Paxip1	6.93E-98	1.258514	0.272	0.074	1.70E-93	Prolif T	Paxip1
Alg81	7.84E-98	1.27038	0.291	0.082	1.92E-93	Prolif T	Alg8
Cisd11	1.25E-97	0.963173	0.503	0.196	3.06E-93	Prolif T	Cisd1
4930503L1	1.44E-97	0.955388	0.277	0.075	3.54E-93	Prolif T	4930503L19Rik
Impdh21	2.80E-97	1.07345	0.592	0.266	6.85E-93	Prolif T	Impdh2
Cfap20	2.86E-97	0.957867	0.432	0.153	7.01E-93	Prolif T	Cfap20
Supt161	3.18E-97	1.000273	0.586	0.254	7.79E-93	Prolif T	Supt16

Hsp90aa11	3.94E-97	1.0382	0.773	0.471	9.65E-93	Prolif T	Hsp90aa1
Hnrnpu1	6.73E-97	0.892509	0.858	0.597	1.65E-92	Prolif T	Hnrnpu
Tdp2	9.37E-97	1.07439	0.309	0.091	2.30E-92	Prolif T	Tdp2
Commd12	2.10E-96	0.96147	0.578	0.246	5.15E-92	Prolif T	Commd1
Ctcf	4.55E-96	0.889633	0.7	0.339	1.12E-91	Prolif T	Ctcf
Dgcr8	1.01E-95	1.112049	0.292	0.083	2.46E-91	Prolif T	Dgcr8
Actg12	1.26E-95	0.730213	0.945	0.93	3.08E-91	Prolif T	Actg1
Mrpl51	1.51E-94	0.912871	0.603	0.262	3.70E-90	Prolif T	Mrpl51
Haus8	2.40E-94	1.157167	0.313	0.095	5.87E-90	Prolif T	Haus8
Lin54	6.06E-94	1.170579	0.282	0.079	1.48E-89	Prolif T	Lin54
Rbbp41	3.63E-93	1.021275	0.728	0.407	8.88E-89	Prolif T	Rbbp4
Cars	6.37E-93	1.152508	0.281	0.08	1.56E-88	Prolif T	Cars
Nup43	8.03E-93	1.130887	0.251	0.066	1.97E-88	Prolif T	Nup43
Bex31	8.19E-93	0.864699	0.608	0.27	2.01E-88	Prolif T	Bex3
Pa2g41	1.30E-92	0.994106	0.698	0.371	3.18E-88	Prolif T	Pa2g4
Mrpl181	1.55E-92	0.965707	0.707	0.369	3.79E-88	Prolif T	Mrpl18
Net1	2.18E-92	1.178131	0.252	0.066	5.33E-88	Prolif T	Net1
A430093F1	3.37E-92	0.911082	0.428	0.154	8.25E-88	Prolif T	A430093F15Rik
BC052040	1.46E-91	1.097401	0.313	0.095	3.58E-87	Prolif T	BC052040
Cbx11	1.57E-91	0.82893	0.59	0.258	3.85E-87	Prolif T	Cbx1
Lsm61	1.71E-91	0.899579	0.711	0.371	4.20E-87	Prolif T	Lsm6
Sumo21	2.08E-91	0.701303	0.905	0.786	5.10E-87	Prolif T	Sumo2
Cep852	2.24E-91	0.883041	0.473	0.181	5.49E-87	Prolif T	Cep85
Rpp30	2.84E-91	0.994937	0.333	0.105	6.96E-87	Prolif T	Rpp30
Dazap11	4.77E-91	0.859156	0.658	0.311	1.17E-86	Prolif T	Dazap1
Ppp2r5d	6.03E-91	1.035314	0.285	0.082	1.48E-86	Prolif T	Ppp2r5d
Snrpc1	8.10E-91	0.93041	0.706	0.367	1.98E-86	Prolif T	Snrpc
Vars2	9.41E-91	0.806105	0.579	0.25	2.30E-86	Prolif T	Vars
Calm22	1.25E-90	0.934023	0.852	0.631	3.06E-86	Prolif T	Calm2
Tuba1a	2.18E-90	1.811725	0.591	0.282	5.35E-86	Prolif T	Tuba1a
Ints111	4.07E-90	0.878998	0.417	0.149	9.98E-86	Prolif T	Ints11
Cse112	4.37E-90	0.853572	0.393	0.138	1.07E-85	Prolif T	Cse11
H3f3a1	9.95E-90	0.736142	0.924	0.828	2.44E-85	Prolif T	H3f3a
Rfc22	1.00E-89	0.91655	0.556	0.24	2.45E-85	Prolif T	Rfc2
Nudt51	1.80E-89	0.929319	0.4	0.143	4.40E-85	Prolif T	Nudt5
Hspa141	1.88E-89	0.874704	0.425	0.155	4.60E-85	Prolif T	Hspa14
Gins41	3.01E-89	0.861527	0.38	0.13	7.37E-85	Prolif T	Gins4
Ruvbl21	6.28E-89	0.906122	0.399	0.142	1.54E-84	Prolif T	Ruvbl2
Brd8	7.34E-89	0.887454	0.464	0.177	1.80E-84	Prolif T	Brd8
Atp5g31	8.85E-89	0.646219	0.912	0.804	2.17E-84	Prolif T	Atp5g3
Snrpa11	9.38E-89	0.902351	0.527	0.218	2.30E-84	Prolif T	Snrpa1
Mphosph9	1.29E-88	1.051212	0.268	0.076	3.17E-84	Prolif T	Mphosph9
Elof11	2.20E-88	0.805694	0.551	0.231	5.38E-84	Prolif T	Elof1
Ssna11	2.88E-88	0.891967	0.657	0.319	7.06E-84	Prolif T	Ssna1

Cep83	3.45E-88	0.974384	0.326	0.104	8.46E-84	Prolif T	Cep83
Cenpq	4.41E-88	0.902168	0.344	0.112	1.08E-83	Prolif T	Cenpq
Aarsd11	1.47E-87	0.859284	0.481	0.19	3.60E-83	Prolif T	Aarsd1
Nono1	2.47E-87	0.867362	0.729	0.402	6.04E-83	Prolif T	Nono
Hnrnpd1	2.91E-87	0.913519	0.786	0.49	7.14E-83	Prolif T	Hnrnpd
Bckdk2	5.46E-87	0.97884	0.43	0.162	1.34E-82	Prolif T	Bckdk
Asrgl1	1.21E-86	0.74725	0.393	0.137	2.97E-82	Prolif T	Asrgl1
Cd2bp21	1.27E-86	0.781796	0.418	0.152	3.12E-82	Prolif T	Cd2bp2
Taf6	1.55E-86	0.932385	0.311	0.098	3.79E-82	Prolif T	Taf6
Fam92a1	2.02E-86	0.853237	0.37	0.127	4.94E-82	Prolif T	Fam92a
Apip1	6.72E-86	1.105531	0.338	0.113	1.65E-81	Prolif T	Apip
Ywhah2	1.02E-85	0.85785	0.798	0.531	2.49E-81	Prolif T	Ywhah
Sap301	1.06E-85	1.160889	0.309	0.098	2.59E-81	Prolif T	Sap30
Maz	1.36E-85	0.928192	0.71	0.376	3.33E-81	Prolif T	Maz
Hmgcr	1.54E-85	0.915028	0.321	0.102	3.77E-81	Prolif T	Hmgcr
Nup160	1.69E-85	0.969709	0.281	0.083	4.13E-81	Prolif T	Nup160
Mcph1	2.14E-85	1.332642	0.287	0.087	5.25E-81	Prolif T	Mcph1
Nudcd21	5.23E-85	0.922867	0.402	0.148	1.28E-80	Prolif T	Nudcd2
Cnot111	1.66E-84	0.808326	0.362	0.123	4.07E-80	Prolif T	Cnot11
Cdt11	1.72E-84	1.082421	0.354	0.122	4.21E-80	Prolif T	Cdt1
Magoh1	3.38E-84	0.825279	0.588	0.265	8.28E-80	Prolif T	Magoh
Tuba4a1	4.32E-84	0.826504	0.535	0.226	1.06E-79	Prolif T	Tuba4a
Smarcc11	6.18E-84	0.920328	0.475	0.194	1.51E-79	Prolif T	Smarcc1
Asf1a1	6.49E-84	1.009553	0.404	0.15	1.59E-79	Prolif T	Asf1a
U2af11	1.18E-83	0.881946	0.741	0.423	2.88E-79	Prolif T	U2af1
Erh1	2.15E-83	0.870247	0.471	0.19	5.27E-79	Prolif T	Erh
Atpif12	2.50E-83	1.113693	0.777	0.449	6.13E-79	Prolif T	Atpif1
Acp11	9.48E-83	0.957643	0.522	0.223	2.32E-78	Prolif T	Acp1
Odc12	1.33E-82	0.88089	0.636	0.309	3.25E-78	Prolif T	Odc1
Nutf22	2.74E-82	0.925186	0.589	0.277	6.71E-78	Prolif T	Nutf2
Nubp11	3.70E-82	0.74452	0.556	0.244	9.07E-78	Prolif T	Nubp1
Srsf41	8.41E-82	0.770134	0.541	0.231	2.06E-77	Prolif T	Srsf4
Lsm81	2.49E-81	0.803702	0.66	0.326	6.11E-77	Prolif T	Lsm8
Smc6	4.40E-81	0.771166	0.635	0.301	1.08E-76	Prolif T	Smc6
Hmces	5.15E-81	0.654519	0.313	0.1	1.26E-76	Prolif T	Hmces
Cpsf21	6.05E-81	0.912939	0.407	0.153	1.48E-76	Prolif T	Cpsf2
Ybx11	1.09E-80	0.731671	0.874	0.733	2.68E-76	Prolif T	Ybx1
Crmp1	1.21E-80	0.947725	0.258	0.075	2.95E-76	Prolif T	Crmp1
Ap1m1	1.31E-80	0.727325	0.513	0.214	3.22E-76	Prolif T	Ap1m1
Baz1b1	3.06E-80	0.981521	0.549	0.247	7.50E-76	Prolif T	Baz1b
Haus6	3.10E-80	1.014161	0.265	0.079	7.59E-76	Prolif T	Haus6
Magohb1	3.76E-80	0.877878	0.372	0.134	9.21E-76	Prolif T	Magohb
Nans1	5.11E-80	0.763539	0.552	0.242	1.25E-75	Prolif T	Nans
Cntrl1	8.67E-80	0.807551	0.608	0.282	2.12E-75	Prolif T	Cntrl

Fabp52	9.17E-80	1.093997	0.408	0.162	2.25E-75	Prolif T	Fabp5
Nup93	1.39E-79	0.649719	0.289	0.09	3.39E-75	Prolif T	Nup93
Ak61	2.35E-79	0.944509	0.347	0.122	5.75E-75	Prolif T	Ak6
Alad1	7.79E-79	1.315109	0.41	0.159	1.91E-74	Prolif T	Alad
Nsmce4a1	8.30E-79	0.849226	0.627	0.307	2.03E-74	Prolif T	Nsmce4a
Jpt2	9.62E-79	1.006967	0.252	0.074	2.36E-74	Prolif T	Jpt2
Cdc23	1.08E-78	0.960202	0.297	0.095	2.65E-74	Prolif T	Cdc23
Endod11	1.18E-78	1.092379	0.346	0.122	2.88E-74	Prolif T	Endod1
Trim282	1.41E-78	0.88758	0.534	0.237	3.45E-74	Prolif T	Trim28
Actn41	1.74E-78	0.857161	0.632	0.312	4.25E-74	Prolif T	Actn4
Oaz11	2.01E-78	0.463359	0.945	0.899	4.92E-74	Prolif T	Oaz1
Actl6a1	2.08E-78	0.768288	0.512	0.217	5.09E-74	Prolif T	Actl6a
Get41	2.93E-78	0.732848	0.47	0.193	7.17E-74	Prolif T	Get4
Pgp	3.31E-78	0.832037	0.505	0.216	8.11E-74	Prolif T	Pgp
Lsm41	3.35E-78	0.753008	0.812	0.524	8.21E-74	Prolif T	Lsm4
Meaf61	3.41E-78	0.82595	0.447	0.18	8.34E-74	Prolif T	Meaf6
Lgals12	5.99E-78	0.988366	0.839	0.686	1.47E-73	Prolif T	Lgals1
Uba2	7.79E-78	0.810387	0.342	0.119	1.91E-73	Prolif T	Uba2
Uba21	1.97E-77	0.848906	0.58	0.27	4.83E-73	Prolif T	Uba2
Azin11	4.45E-77	0.835483	0.41	0.157	1.09E-72	Prolif T	Azin1
Fdps2	5.99E-77	0.919978	0.388	0.147	1.47E-72	Prolif T	Fdps
Gm7030	7.11E-77	0.812115	0.464	0.19	1.74E-72	Prolif T	Gm7030
Metrn1	1.11E-76	0.720652	0.344	0.12	2.71E-72	Prolif T	Metrn
Rnf168	1.85E-76	1.018642	0.276	0.087	4.54E-72	Prolif T	Rnf168
Mzt1	2.19E-76	0.813577	0.38	0.141	5.37E-72	Prolif T	Mzt1
Med9	2.28E-76	0.878184	0.312	0.105	5.58E-72	Prolif T	Med9
Fopnl	3.37E-76	0.656731	0.433	0.169	8.25E-72	Prolif T	Fopnl
Dpy301	3.66E-76	0.832871	0.59	0.279	8.96E-72	Prolif T	Dpy30
Ptpa1	3.67E-76	0.777337	0.547	0.243	8.98E-72	Prolif T	Ptpa
Tcerg11	4.21E-76	0.808923	0.513	0.224	1.03E-71	Prolif T	Tcerg1
Klhdc4	6.56E-76	1.034376	0.268	0.084	1.61E-71	Prolif T	Klhdc4
Cnot9	6.78E-76	0.989821	0.265	0.082	1.66E-71	Prolif T	Cnot9
Mars1	1.02E-75	0.855536	0.36	0.131	2.49E-71	Prolif T	Mars
Cdc27	1.38E-75	0.754809	0.34	0.119	3.39E-71	Prolif T	Cdc27
Pfdn61	1.94E-75	0.609118	0.53	0.228	4.75E-71	Prolif T	Pfdn6
Lyar1	2.62E-75	0.744331	0.374	0.139	6.42E-71	Prolif T	Lyar
Khsrp	3.60E-75	0.708062	0.422	0.165	8.82E-71	Prolif T	Khsrp
Cox5b1	3.98E-75	0.654855	0.884	0.728	9.75E-71	Prolif T	Cox5b
Dap	5.27E-75	1.039152	0.565	0.269	1.29E-70	Prolif T	Dap
Tubgcp2	6.38E-75	0.9743	0.29	0.095	1.56E-70	Prolif T	Tubgcp2
Ccdc25	8.12E-75	0.67732	0.376	0.139	1.99E-70	Prolif T	Ccdc25
Set2	8.87E-75	0.825814	0.793	0.541	2.17E-70	Prolif T	Set
Golt1b	1.08E-74	0.953943	0.301	0.101	2.65E-70	Prolif T	Golt1b
Dbi2	1.12E-74	0.791032	0.801	0.495	2.75E-70	Prolif T	Dbi

Katnbl1	1.59E-74	0.940787	0.279	0.089	3.88E-70	Prolif T	Katnbl1
Ln timer	2.11E-74	0.925451	0.282	0.09	5.16E-70	Prolif T	Ln timer
Polr3k1	3.38E-74	0.641325	0.419	0.163	8.27E-70	Prolif T	Polr3k
Hmgxb4	3.49E-74	0.785867	0.324	0.112	8.54E-70	Prolif T	Hmgxb4
Eif1ax1	7.16E-74	0.728672	0.599	0.287	1.75E-69	Prolif T	Eif1ax
Carnmt11	9.61E-74	0.823017	0.379	0.143	2.35E-69	Prolif T	Carnmt1
Mpdu12	1.09E-73	0.735148	0.456	0.19	2.68E-69	Prolif T	Mpdu1
Eif4e1	1.44E-73	0.702154	0.539	0.241	3.52E-69	Prolif T	Eif4e
Thoc71	2.06E-73	0.742994	0.631	0.311	5.04E-69	Prolif T	Thoc7
Nudc2	2.27E-73	0.834728	0.672	0.354	5.57E-69	Prolif T	Nudc
Psip1	2.38E-73	0.752907	0.688	0.368	5.84E-69	Prolif T	Psip1
Psmb71	3.00E-73	0.696144	0.513	0.224	7.34E-69	Prolif T	Psmb7
Al6622701	3.44E-73	0.821714	0.479	0.201	8.43E-69	Prolif T	Al662270
Nelfcd	6.05E-73	0.708937	0.299	0.1	1.48E-68	Prolif T	Nelfcd
Hdac11	6.81E-73	0.723016	0.647	0.325	1.67E-68	Prolif T	Hdac1
Mrpl131	6.96E-73	0.677753	0.459	0.19	1.70E-68	Prolif T	Mrpl13
Fundc22	7.61E-73	0.748692	0.646	0.324	1.86E-68	Prolif T	Fundc2
Rbmx	8.17E-73	0.909543	0.4	0.156	2.00E-68	Prolif T	Rbmx
Map2k31	9.49E-73	0.809036	0.445	0.184	2.32E-68	Prolif T	Map2k3
Miip	1.01E-72	0.750163	0.375	0.141	2.47E-68	Prolif T	Miip
Memo11	1.02E-72	1.004447	0.408	0.161	2.51E-68	Prolif T	Memo1
Rpa11	1.45E-72	0.800009	0.498	0.22	3.55E-68	Prolif T	Rpa1
Stip11	1.53E-72	0.761188	0.519	0.231	3.75E-68	Prolif T	Stip1
Rad50	1.79E-72	0.621151	0.458	0.19	4.39E-68	Prolif T	Rad50
Prpf38a1	4.59E-72	0.69921	0.361	0.134	1.12E-67	Prolif T	Prpf38a
Gtf2f11	6.02E-72	0.615123	0.496	0.213	1.47E-67	Prolif T	Gtf2f1
Aldh18a1	6.24E-72	0.841092	0.293	0.098	1.53E-67	Prolif T	Aldh18a1
Cinp1	7.21E-72	0.880896	0.291	0.098	1.77E-67	Prolif T	Cinp
Myg11	1.35E-71	0.681357	0.377	0.143	3.31E-67	Prolif T	Myg1
Timm502	1.49E-71	0.805106	0.431	0.178	3.65E-67	Prolif T	Timm50
Txn11	1.95E-71	0.76343	0.662	0.337	4.79E-67	Prolif T	Txn1
Vma211	2.54E-71	0.693721	0.405	0.159	6.23E-67	Prolif T	Vma21
Eif1ad2	2.65E-71	0.642755	0.444	0.18	6.49E-67	Prolif T	Eif1ad
Dynll21	2.66E-71	0.686743	0.534	0.239	6.52E-67	Prolif T	Dynll2
Abhd10	4.26E-71	0.804819	0.26	0.082	1.04E-66	Prolif T	Abhd10
Pdk31	4.47E-71	0.785009	0.324	0.115	1.09E-66	Prolif T	Pdk3
Taf121	4.69E-71	0.577688	0.496	0.211	1.15E-66	Prolif T	Taf12
Dbr1	5.36E-71	0.6695	0.253	0.078	1.31E-66	Prolif T	Dbr1
Pknx1	5.40E-71	0.817546	0.276	0.09	1.32E-66	Prolif T	Pknx1
Lrwd11	6.30E-71	0.678051	0.342	0.124	1.54E-66	Prolif T	Lrwd1
Triobp	7.44E-71	0.750926	0.376	0.144	1.82E-66	Prolif T	Triobp
Tcp11	7.65E-71	0.812087	0.681	0.379	1.87E-66	Prolif T	Tcp1
Phf5a1	1.44E-70	0.798236	0.591	0.288	3.52E-66	Prolif T	Phf5a
Terf1	1.49E-70	0.680878	0.42	0.167	3.65E-66	Prolif T	Terf1

Pbrm1	2.30E-70	0.731634	0.649	0.33	5.62E-66	Prolif T	Pbrm1
Anapc7	2.87E-70	0.74802	0.287	0.096	7.04E-66	Prolif T	Anapc7
Dcps1	4.46E-70	0.603831	0.511	0.224	1.09E-65	Prolif T	Dcps
Mrpl491	4.47E-70	0.819557	0.332	0.121	1.09E-65	Prolif T	Mrpl49
Sfpq1	7.51E-70	0.769633	0.733	0.426	1.84E-65	Prolif T	Sfpq
Fam110a	8.79E-70	0.930419	0.282	0.094	2.15E-65	Prolif T	Fam110a
Cenpv1	1.04E-69	0.976747	0.293	0.101	2.56E-65	Prolif T	Cenpv
Psm131	1.61E-69	0.76737	0.629	0.319	3.94E-65	Prolif T	Psm13
Ube2e31	1.65E-69	1.077854	0.378	0.15	4.04E-65	Prolif T	Ube2e3
Actb1	2.26E-69	0.458415	0.987	0.983	5.54E-65	Prolif T	Actb
Med4	2.46E-69	0.461585	0.395	0.152	6.03E-65	Prolif T	Med4
Pdzd111	3.67E-69	0.728338	0.374	0.145	8.99E-65	Prolif T	Pdzd11
Med141	4.57E-69	0.637946	0.412	0.166	1.12E-64	Prolif T	Med14
Fmr1	5.37E-69	0.625916	0.381	0.147	1.32E-64	Prolif T	Fmr1
Rnaseh2c	8.13E-69	0.707943	0.718	0.397	1.99E-64	Prolif T	Rnaseh2c
Rfc12	8.59E-69	0.804372	0.417	0.172	2.10E-64	Prolif T	Rfc1
Dxo	1.04E-68	0.698918	0.289	0.098	2.54E-64	Prolif T	Dxo
Gapdh2	1.05E-68	0.71082	0.876	0.752	2.58E-64	Prolif T	Gapdh
Hmbs1	1.46E-68	2.251128	0.298	0.107	3.58E-64	Prolif T	Hmbs
Gars1	1.65E-68	0.862545	0.544	0.263	4.04E-64	Prolif T	Gars
A430005L1	1.76E-68	0.727812	0.407	0.165	4.31E-64	Prolif T	A430005L14Rik
Mre11a	3.13E-68	0.741599	0.268	0.088	7.65E-64	Prolif T	Mre11a
Cs1	3.38E-68	0.777914	0.554	0.261	8.29E-64	Prolif T	Cs
Pcbd2	4.12E-68	0.678703	0.526	0.238	1.01E-63	Prolif T	Pcbd2
Ybx32	4.55E-68	0.943994	0.562	0.28	1.12E-63	Prolif T	Ybx3
Cbfb	5.89E-68	0.757066	0.579	0.278	1.44E-63	Prolif T	Cbfb
Cdk2ap12	7.15E-68	0.775282	0.385	0.153	1.75E-63	Prolif T	Cdk2ap1
Emc81	8.26E-68	0.561624	0.455	0.191	2.02E-63	Prolif T	Emc8
Cstf2	1.36E-67	0.566491	0.276	0.092	3.34E-63	Prolif T	Cstf2
Cenpx1	1.48E-67	0.763183	0.696	0.385	3.62E-63	Prolif T	Cenpx
Tssc41	1.77E-67	0.865873	0.325	0.119	4.33E-63	Prolif T	Tssc4
Med30	5.38E-67	0.671699	0.619	0.311	1.32E-62	Prolif T	Med30
Mrpl281	5.44E-67	0.796453	0.48	0.212	1.33E-62	Prolif T	Mrpl28
Atp5b1	9.67E-67	0.610093	0.889	0.702	2.37E-62	Prolif T	Atp5b
Coq7	1.16E-66	1.161936	0.25	0.081	2.83E-62	Prolif T	Coq7
Bcl7c1	1.29E-66	0.752543	0.57	0.275	3.15E-62	Prolif T	Bcl7c
0610010K1	1.33E-66	0.683877	0.588	0.285	3.25E-62	Prolif T	0610010K14Rik
Ubal21	1.58E-66	0.830662	0.687	0.384	3.87E-62	Prolif T	Ubal2
Mrpl421	1.78E-66	0.708873	0.635	0.327	4.36E-62	Prolif T	Mrpl42
Sept113	2.06E-66	0.591246	0.469	0.201	5.04E-62	Prolif T	11-Sep
Itpa1	2.07E-66	0.625151	0.304	0.108	5.07E-62	Prolif T	Itpa
Atp5o1	4.08E-66	0.703925	0.816	0.573	9.99E-62	Prolif T	Atp5o
Hnrnp13	6.05E-66	0.578183	0.527	0.237	1.48E-61	Prolif T	Hnrnp13
Hikeshi1	7.18E-66	0.526789	0.458	0.195	1.76E-61	Prolif T	Hikeshi

Cops31	7.19E-66	0.686439	0.437	0.183	1.76E-61	Prolif T	Cops3
Rbm8a1	8.75E-66	0.622697	0.604	0.296	2.14E-61	Prolif T	Rbm8a
Ppp1r35	9.91E-66	0.661437	0.515	0.234	2.43E-61	Prolif T	Ppp1r35
Cmtm71	1.31E-65	0.946989	0.742	0.509	3.20E-61	Prolif T	Cmtm7
Arl6ip6	1.35E-65	1.047921	0.293	0.104	3.31E-61	Prolif T	Arl6ip6
Pds5b	1.41E-65	0.525126	0.41	0.166	3.45E-61	Prolif T	Pds5b
Ccdc69	2.26E-65	0.724094	0.285	0.099	5.52E-61	Prolif T	Ccdc69
Taf1	2.37E-65	0.545444	0.335	0.124	5.80E-61	Prolif T	Taf1
Lrrc592	2.89E-65	0.615471	0.392	0.158	7.08E-61	Prolif T	Lrrc59
Vdac31	3.01E-65	0.720621	0.609	0.304	7.36E-61	Prolif T	Vdac3
Usp391	3.11E-65	0.765062	0.333	0.125	7.61E-61	Prolif T	Usp39
Ccng2	3.17E-65	0.866876	0.356	0.14	7.75E-61	Prolif T	Ccng2
Sms1	3.18E-65	0.617314	0.523	0.239	7.79E-61	Prolif T	Sms
Brip1os1	5.01E-65	0.714747	0.369	0.146	1.23E-60	Prolif T	Brip1os
H1f02	5.09E-65	0.994666	0.454	0.204	1.25E-60	Prolif T	H1f0
Ptbp11	6.17E-65	0.630188	0.604	0.297	1.51E-60	Prolif T	Ptbp1
Cdca7l1	6.21E-65	0.850427	0.262	0.087	1.52E-60	Prolif T	Cdca7l
Mrps111	6.47E-65	0.612956	0.366	0.142	1.58E-60	Prolif T	Mrps11
Pdap11	8.15E-65	0.704054	0.549	0.264	2.00E-60	Prolif T	Pdap1
Tdg	8.16E-65	1.05709	0.259	0.086	2.00E-60	Prolif T	Tdg
Znhit3	8.46E-65	0.581552	0.272	0.092	2.07E-60	Prolif T	Znhit3
Sep-71	1.17E-64	0.701755	0.781	0.505	2.86E-60	Prolif T	7-Sep
Tagln22	1.26E-64	0.787788	0.822	0.641	3.10E-60	Prolif T	Tagln2
Cnih42	1.28E-64	0.717081	0.551	0.259	3.14E-60	Prolif T	Cnih4
Cox5a2	1.62E-64	0.644557	0.85	0.719	3.98E-60	Prolif T	Cox5a
Emd1	1.63E-64	0.670692	0.567	0.272	3.99E-60	Prolif T	Emd
Ppp2r2d	1.70E-64	0.697418	0.376	0.149	4.17E-60	Prolif T	Ppp2r2d
Rif11	2.02E-64	0.619285	0.477	0.212	4.95E-60	Prolif T	Rif1
Uxt	2.86E-64	0.701554	0.298	0.106	6.99E-60	Prolif T	Uxt
Erg281	3.11E-64	0.567905	0.506	0.228	7.61E-60	Prolif T	Erg28
Psm91	4.10E-64	0.636714	0.411	0.17	1.00E-59	Prolif T	Psm9
Mthfd1l1	7.25E-64	0.745294	0.336	0.128	1.77E-59	Prolif T	Mthfd1l
Fdft1	7.90E-64	0.829892	0.3	0.108	1.94E-59	Prolif T	Fdft1
Fbxl8	8.39E-64	0.762241	0.271	0.092	2.05E-59	Prolif T	Fbxl8
1810037l1	1.24E-63	0.799384	0.798	0.557	3.03E-59	Prolif T	1810037l17Rik
Snrnp401	1.28E-63	0.618867	0.549	0.261	3.12E-59	Prolif T	Snrnp40
Snrpf1	1.50E-63	0.711347	0.77	0.521	3.68E-59	Prolif T	Snrpf
Rnaseh2a1	1.79E-63	0.708132	0.359	0.142	4.39E-59	Prolif T	Rnaseh2a
Ing1	1.98E-63	0.472298	0.467	0.2	4.85E-59	Prolif T	Ing1
Cox7a21	2.07E-63	0.62354	0.849	0.643	5.07E-59	Prolif T	Cox7a2
Casp8ap21	2.69E-63	0.797433	0.344	0.134	6.59E-59	Prolif T	Casp8ap2
Tcf3	3.12E-63	0.707996	0.481	0.216	7.64E-59	Prolif T	Tcf3
Smarca51	4.54E-63	0.700397	0.636	0.337	1.11E-58	Prolif T	Smarca5
ldh3a1	5.31E-63	0.630944	0.528	0.245	1.30E-58	Prolif T	ldh3a

Srsf71	5.47E-63	0.686135	0.784	0.518	1.34E-58	Prolif T	Srsf7
Smc5	5.85E-63	0.582928	0.381	0.153	1.43E-58	Prolif T	Smc5
Cnot6	6.77E-63	0.691911	0.405	0.168	1.66E-58	Prolif T	Cnot6
G3bp11	8.01E-63	0.630403	0.707	0.392	1.96E-58	Prolif T	G3bp1
Uck21	8.26E-63	0.73579	0.29	0.103	2.02E-58	Prolif T	Uck2
Hnrnpl1	1.53E-62	0.65845	0.808	0.563	3.75E-58	Prolif T	Hnrnpl
Emp3	1.58E-62	0.79789	0.81	0.614	3.87E-58	Prolif T	Emp3
Xrcc1	1.89E-62	0.604475	0.266	0.091	4.63E-58	Prolif T	Xrcc1
Tpi12	2.02E-62	0.851599	0.623	0.348	4.94E-58	Prolif T	Tpi1
Kpnb11	2.12E-62	0.704884	0.511	0.238	5.19E-58	Prolif T	Kpnb1
Tarbp2	2.26E-62	0.66479	0.296	0.107	5.53E-58	Prolif T	Tarbp2
Eftud21	2.30E-62	0.506561	0.45	0.194	5.62E-58	Prolif T	Eftud2
Ube2a1	2.74E-62	0.672349	0.59	0.293	6.70E-58	Prolif T	Ube2a
Psm16	3.05E-62	0.662006	0.494	0.228	7.47E-58	Prolif T	Psm16
Prelid12	3.39E-62	0.701648	0.79	0.575	8.30E-58	Prolif T	Prelid1
C2cd5	3.48E-62	0.626928	0.397	0.162	8.52E-58	Prolif T	C2cd5
Ppwd1	3.52E-62	0.609825	0.294	0.105	8.63E-58	Prolif T	Ppwd1
ldh3g1	3.87E-62	0.634192	0.484	0.219	9.49E-58	Prolif T	ldh3g
Sumo32	4.28E-62	0.602738	0.45	0.194	1.05E-57	Prolif T	Sumo3
Ube2m1	5.38E-62	0.680726	0.733	0.43	1.32E-57	Prolif T	Ube2m
Bud311	6.26E-62	0.518709	0.466	0.202	1.53E-57	Prolif T	Bud31
Nrf1	6.58E-62	0.70103	0.455	0.2	1.61E-57	Prolif T	Nrf1
Sctt1	6.90E-62	0.67362	0.293	0.105	1.69E-57	Prolif T	Sctt1
Nop561	7.04E-62	0.615416	0.447	0.197	1.72E-57	Prolif T	Nop56
Saal1	1.11E-61	0.617317	0.268	0.092	2.71E-57	Prolif T	Saal1
Hnrnpr	1.35E-61	0.605564	0.598	0.297	3.31E-57	Prolif T	Hnrnpr
Uchl31	1.43E-61	0.595131	0.495	0.226	3.50E-57	Prolif T	Uchl3
Cdk5rap2	1.44E-61	0.735697	0.287	0.103	3.52E-57	Prolif T	Cdk5rap2
Pspc1	1.73E-61	0.689944	0.408	0.172	4.24E-57	Prolif T	Pspc1
Pop41	1.92E-61	0.594538	0.334	0.128	4.71E-57	Prolif T	Pop4
Recql	2.01E-61	0.680188	0.265	0.091	4.93E-57	Prolif T	Recql
Ints10	2.06E-61	0.518658	0.269	0.092	5.05E-57	Prolif T	Ints10
Hdgfl2	2.31E-61	0.536922	0.449	0.193	5.66E-57	Prolif T	Hdgfl2
Nup88	2.45E-61	0.664459	0.331	0.127	5.99E-57	Prolif T	Nup88
Fh12	2.53E-61	0.649941	0.402	0.168	6.19E-57	Prolif T	Fh1
Rps27l2	2.65E-61	0.751461	0.73	0.447	6.49E-57	Prolif T	Rps27l
Tardbp1	2.85E-61	0.578301	0.492	0.225	6.99E-57	Prolif T	Tardbp
Trappc12	3.30E-61	0.675049	0.493	0.224	8.07E-57	Prolif T	Trappc1
Nop582	3.54E-61	0.669787	0.48	0.217	8.67E-57	Prolif T	Nop58
Ewsr11	3.79E-61	0.660771	0.774	0.479	9.28E-57	Prolif T	Ewsr1
Aldh16a1	4.07E-61	0.581038	0.268	0.093	9.97E-57	Prolif T	Aldh16a1
Hdac31	4.16E-61	0.585052	0.322	0.121	1.02E-56	Prolif T	Hdac3
Asxl11	6.10E-61	0.598478	0.506	0.234	1.49E-56	Prolif T	Asxl1
Hcfc1	6.21E-61	0.633732	0.318	0.119	1.52E-56	Prolif T	Hcfc1

Ehd11	6.47E-61	0.711426	0.398	0.167	1.58E-56	Prolif T	Ehd1
Hspa4l	7.41E-61	0.757543	0.27	0.094	1.82E-56	Prolif T	Hspa4l
Clic41	8.29E-61	0.702092	0.465	0.208	2.03E-56	Prolif T	Clic4
Polr2c1	8.61E-61	0.582272	0.535	0.253	2.11E-56	Prolif T	Polr2c
Hdac21	1.06E-60	0.614923	0.432	0.187	2.60E-56	Prolif T	Hdac2
Mapre1	1.12E-60	0.683251	0.674	0.372	2.75E-56	Prolif T	Mapre1
Pcmt11	1.39E-60	0.577186	0.55	0.261	3.41E-56	Prolif T	Pcmt1
Psmc31	1.66E-60	0.678413	0.698	0.39	4.07E-56	Prolif T	Psmc3
Cdk41	1.72E-60	0.869049	0.658	0.392	4.20E-56	Prolif T	Cdk4
Polr2b	1.75E-60	0.54855	0.345	0.135	4.27E-56	Prolif T	Polr2b
B9d21	1.76E-60	0.624798	0.362	0.145	4.32E-56	Prolif T	B9d2
Hnrnpul11	2.07E-60	0.681587	0.559	0.271	5.06E-56	Prolif T	Hnrnpul1
Zfp91	2.46E-60	0.588069	0.559	0.272	6.02E-56	Prolif T	Zfp91
Tfdp2	2.77E-60	1.256341	0.266	0.094	6.79E-56	Prolif T	Tfdp2
Ncbp11	4.37E-60	0.605194	0.381	0.156	1.07E-55	Prolif T	Ncbp1
Pin11	5.12E-60	0.519282	0.51	0.235	1.25E-55	Prolif T	Pin1
Mrpl401	5.62E-60	0.601943	0.518	0.242	1.38E-55	Prolif T	Mrpl40
Naa502	6.52E-60	0.628854	0.44	0.194	1.60E-55	Prolif T	Naa50
Jazf1	7.20E-60	0.70475	0.285	0.102	1.76E-55	Prolif T	Jazf1
Ddx39b1	8.22E-60	0.663843	0.804	0.516	2.01E-55	Prolif T	Ddx39b
Parp21	9.38E-60	0.607109	0.344	0.136	2.30E-55	Prolif T	Parp2
Nup35	1.27E-59	0.621955	0.283	0.101	3.12E-55	Prolif T	Nup35
Aimp21	1.43E-59	0.76203	0.283	0.103	3.49E-55	Prolif T	Aimp2
Pfkip1	1.49E-59	0.652249	0.591	0.303	3.64E-55	Prolif T	Pfkip
Cep192	1.64E-59	0.534326	0.388	0.16	4.01E-55	Prolif T	Cep192
Mrps18c1	1.93E-59	0.528111	0.571	0.279	4.72E-55	Prolif T	Mrps18c
Dcaf15	2.30E-59	0.557107	0.375	0.153	5.63E-55	Prolif T	Dcaf15
Rnps11	2.32E-59	0.61655	0.618	0.322	5.68E-55	Prolif T	Rnps1
Snrpa3	2.58E-59	0.645259	0.538	0.259	6.31E-55	Prolif T	Snrpa
Fam111a1	2.80E-59	0.637154	0.4	0.168	6.86E-55	Prolif T	Fam111a
Ilk	2.84E-59	0.626763	0.634	0.33	6.96E-55	Prolif T	Ilk
Smchd11	3.12E-59	0.618657	0.656	0.349	7.63E-55	Prolif T	Smchd1
Larp1b	4.47E-59	0.616231	0.286	0.103	1.10E-54	Prolif T	Larp1b
Rbm14	4.64E-59	0.500956	0.277	0.098	1.14E-54	Prolif T	Rbm14
Psmc11	5.03E-59	0.622959	0.515	0.244	1.23E-54	Prolif T	Psmc1
Srsf11	5.41E-59	0.549046	0.513	0.239	1.33E-54	Prolif T	Srsf1
Cdkn2aipnl	5.55E-59	0.56299	0.498	0.23	1.36E-54	Prolif T	Cdkn2aipnl
Psmg21	6.14E-59	0.517732	0.44	0.192	1.50E-54	Prolif T	Psmg2
Pgk12	6.97E-59	0.773203	0.679	0.404	1.71E-54	Prolif T	Pgk1
Mad2l1bp	7.48E-59	0.535484	0.3	0.111	1.83E-54	Prolif T	Mad2l1bp
Oat1	7.55E-59	0.650108	0.362	0.146	1.85E-54	Prolif T	Oat
Mthfd1	1.02E-58	0.792557	0.257	0.09	2.49E-54	Prolif T	Mthfd1
Hnrnpa11	1.11E-58	0.797028	0.753	0.507	2.72E-54	Prolif T	Hnrnpa1
Nup50	1.34E-58	0.593633	0.388	0.162	3.28E-54	Prolif T	Nup50

Dnajc22	1.60E-58	0.560401	0.565	0.279	3.93E-54	Prolif T	Dnajc2
Eny21	1.75E-58	0.53705	0.595	0.297	4.29E-54	Prolif T	Eny2
Leo1	2.71E-58	0.715579	0.26	0.091	6.65E-54	Prolif T	Leo1
Nop9	2.74E-58	0.530869	0.312	0.118	6.71E-54	Prolif T	Nop9
U2af1l4	3.31E-58	0.381066	0.382	0.157	8.12E-54	Prolif T	U2af1l4
Sdr39u11	3.47E-58	0.439607	0.336	0.129	8.49E-54	Prolif T	Sdr39u1
Ubac1	3.93E-58	1.389356	0.317	0.124	9.62E-54	Prolif T	Ubac1
Trp53i13	3.94E-58	0.508636	0.33	0.129	9.65E-54	Prolif T	Trp53i13
Paics1	4.25E-58	0.868051	0.506	0.247	1.04E-53	Prolif T	Paics
H3f3b	4.46E-58	0.511227	0.959	0.936	1.09E-53	Prolif T	H3f3b
Sf3a31	4.81E-58	0.576719	0.46	0.208	1.18E-53	Prolif T	Sf3a3
Acot73	5.70E-58	0.459296	0.526	0.248	1.40E-53	Prolif T	Acot7
Got21	6.20E-58	0.592838	0.468	0.213	1.52E-53	Prolif T	Got2
Eef1akmt2:	8.08E-58	0.51887	0.319	0.122	1.98E-53	Prolif T	Eef1akmt2
Snrpb1	8.28E-58	0.624933	0.819	0.591	2.03E-53	Prolif T	Snrpb
Mta1	1.05E-57	0.4672	0.43	0.187	2.56E-53	Prolif T	Mta1
Plrg1	1.20E-57	0.565868	0.296	0.11	2.94E-53	Prolif T	Plrg1
Anapc11	1.32E-57	0.710175	0.729	0.445	3.22E-53	Prolif T	Anapc11
Strap1	1.36E-57	0.606035	0.511	0.241	3.32E-53	Prolif T	Strap
Ddx19a1	1.58E-57	0.653931	0.292	0.109	3.87E-53	Prolif T	Ddx19a
Prdx12	1.73E-57	0.609469	0.813	0.596	4.24E-53	Prolif T	Prdx1
Rbmxl11	2.92E-57	0.790919	0.308	0.119	7.14E-53	Prolif T	Rbmxl1
Ppp1cc	3.48E-57	0.626836	0.774	0.53	8.53E-53	Prolif T	Ppp1cc
Zwint1	3.56E-57	0.43135	0.487	0.223	8.71E-53	Prolif T	Zwint
Mtf2	4.50E-57	0.420888	0.384	0.16	1.10E-52	Prolif T	Mtf2
Creld22	4.86E-57	0.604156	0.386	0.163	1.19E-52	Prolif T	Creld2
Sod1	6.10E-57	0.457495	0.38	0.157	1.49E-52	Prolif T	Sod1
Vbp1	7.66E-57	0.554734	0.428	0.187	1.88E-52	Prolif T	Vbp1
Desi11	1.08E-56	0.489685	0.375	0.155	2.64E-52	Prolif T	Desi1
lws1	1.22E-56	0.53638	0.383	0.161	3.00E-52	Prolif T	lws1
Timm221	1.66E-56	0.648822	0.337	0.136	4.07E-52	Prolif T	Timm22
Morrbid1	1.96E-56	0.898234	0.311	0.123	4.79E-52	Prolif T	Morrbid
ltgb3bp	2.27E-56	0.546817	0.285	0.105	5.57E-52	Prolif T	ltgb3bp
Syncrip1	4.29E-56	0.613205	0.563	0.283	1.05E-51	Prolif T	Syncrip
Ubb1	5.03E-56	0.521778	0.962	0.956	1.23E-51	Prolif T	Ubb
Ciapin11	6.93E-56	0.488186	0.429	0.189	1.70E-51	Prolif T	Ciapin1
Akip11	1.28E-55	0.654192	0.324	0.129	3.14E-51	Prolif T	Akip1
Ncl1	1.50E-55	0.707604	0.797	0.548	3.67E-51	Prolif T	Ncl
Rcc21	1.79E-55	0.703587	0.458	0.215	4.39E-51	Prolif T	Rcc2
Cdc1231	1.97E-55	0.522135	0.543	0.265	4.82E-51	Prolif T	Cdc123
Rpia1	2.46E-55	0.55574	0.386	0.166	6.03E-51	Prolif T	Rpia
Gle1	2.94E-55	0.519985	0.314	0.122	7.19E-51	Prolif T	Gle1
Timm17b1	3.04E-55	0.485893	0.567	0.281	7.45E-51	Prolif T	Timm17b
Mphosph61	3.69E-55	0.6862	0.275	0.102	9.03E-51	Prolif T	Mphosph6

Umps1	3.76E-55	0.643643	0.266	0.097	9.21E-51	Prolif T	Umps
Gltp2	3.96E-55	0.676646	0.67	0.387	9.71E-51	Prolif T	Gltp
Ctdspl2	4.39E-55	0.524097	0.367	0.153	1.08E-50	Prolif T	Ctdspl2
Acsl51	5.56E-55	0.703753	0.491	0.237	1.36E-50	Prolif T	Acsl5
Yeats41	7.17E-55	0.562409	0.52	0.252	1.76E-50	Prolif T	Yeats4
Hars1	7.49E-55	0.552969	0.379	0.162	1.83E-50	Prolif T	Hars
Gm420311	8.48E-55	1.033647	0.274	0.105	2.08E-50	Prolif T	Gm42031
Cdc511	9.18E-55	0.488511	0.481	0.224	2.25E-50	Prolif T	Cdc51
Taf15	1.16E-54	0.598426	0.66	0.36	2.85E-50	Prolif T	Taf15
Nfkbil1	1.18E-54	0.562606	0.348	0.142	2.89E-50	Prolif T	Nfkbil1
Ndufv11	1.19E-54	0.605411	0.53	0.26	2.92E-50	Prolif T	Ndufv1
Zbtb45	1.27E-54	0.717784	0.266	0.097	3.11E-50	Prolif T	Zbtb45
Psmc41	1.41E-54	0.614536	0.587	0.303	3.45E-50	Prolif T	Psmc4
Prkcs2	1.66E-54	0.47348	0.467	0.214	4.06E-50	Prolif T	Prkcs
Polr2d1	2.39E-54	0.584281	0.406	0.178	5.84E-50	Prolif T	Polr2d
Hnrnpdl1	2.87E-54	0.618508	0.68	0.389	7.03E-50	Prolif T	Hnrnpdl
Brcc31	4.58E-54	0.343451	0.36	0.148	1.12E-49	Prolif T	Brcc3
Cycs1	5.77E-54	0.666845	0.723	0.46	1.41E-49	Prolif T	Cycs
Coro1c1	6.08E-54	0.608662	0.434	0.196	1.49E-49	Prolif T	Coro1c
Mrpl351	6.18E-54	0.457267	0.398	0.173	1.51E-49	Prolif T	Mrpl35
Snrpg2	7.71E-54	0.514851	0.867	0.734	1.89E-49	Prolif T	Snrpg
Ncbp21	9.45E-54	0.421042	0.363	0.152	2.31E-49	Prolif T	Ncbp2
Gmeb1	9.72E-54	0.697971	0.289	0.111	2.38E-49	Prolif T	Gmeb1
Pthr21	1.12E-53	0.626011	0.325	0.131	2.74E-49	Prolif T	Pthr2
Pigf	1.17E-53	0.64986	0.267	0.098	2.88E-49	Prolif T	Pigf
Ubr7	1.21E-53	0.684852	0.25	0.089	2.95E-49	Prolif T	Ubr7
Ift271	1.33E-53	0.466035	0.348	0.145	3.27E-49	Prolif T	Ift27
Psmd31	1.37E-53	0.576959	0.467	0.218	3.35E-49	Prolif T	Psmd3
Gar11	1.60E-53	0.665597	0.392	0.173	3.93E-49	Prolif T	Gar1
Sdhd1	1.77E-53	0.606671	0.758	0.483	4.33E-49	Prolif T	Sdhd
Hprt1	2.37E-53	0.667078	0.677	0.398	5.80E-49	Prolif T	Hprt
Ehmt2	2.72E-53	0.583495	0.391	0.172	6.66E-49	Prolif T	Ehmt2
Mrps301	3.30E-53	0.442941	0.34	0.139	8.09E-49	Prolif T	Mrps30
Psmb41	3.74E-53	0.592756	0.703	0.413	9.15E-49	Prolif T	Psmb4
Ap1s11	3.88E-53	0.501009	0.468	0.218	9.49E-49	Prolif T	Ap1s1
Mtch11	4.69E-53	0.640944	0.569	0.292	1.15E-48	Prolif T	Mtch1
Rprd1b	5.33E-53	0.508745	0.309	0.122	1.31E-48	Prolif T	Rprd1b
Tusc31	5.60E-53	0.514383	0.456	0.211	1.37E-48	Prolif T	Tusc3
Pds5a1	6.22E-53	0.6585	0.534	0.268	1.52E-48	Prolif T	Pds5a
Ddx11	7.53E-53	0.568452	0.348	0.146	1.85E-48	Prolif T	Ddx1
Elob2	1.00E-52	0.462442	0.889	0.767	2.45E-48	Prolif T	Elob
Eif4a31	1.00E-52	0.614088	0.645	0.36	2.45E-48	Prolif T	Eif4a3
Ppm1g1	1.04E-52	0.66823	0.627	0.354	2.55E-48	Prolif T	Ppm1g
Mrps171	1.13E-52	0.567175	0.513	0.252	2.76E-48	Prolif T	Mrps17

Ccnh1	1.14E-52	0.491567	0.487	0.23	2.79E-48	Prolif T	Ccnh
Utp3	1.18E-52	0.462618	0.515	0.247	2.89E-48	Prolif T	Utp3
Tsfm1	1.26E-52	0.496708	0.321	0.129	3.10E-48	Prolif T	Tsfm
Prps11	1.41E-52	0.605521	0.305	0.121	3.45E-48	Prolif T	Prps1
Smu11	1.49E-52	0.500952	0.545	0.268	3.65E-48	Prolif T	Smu1
Sephs2	1.63E-52	0.403706	0.375	0.159	3.99E-48	Prolif T	Sephs2
Mbd31	1.73E-52	0.645389	0.559	0.289	4.24E-48	Prolif T	Mbd3
Eif31	1.81E-52	0.599653	0.588	0.313	4.44E-48	Prolif T	Eif3l
Fancl	2.07E-52	0.803475	0.27	0.102	5.07E-48	Prolif T	Fancl
Gpaa1	2.09E-52	0.47807	0.442	0.202	5.12E-48	Prolif T	Gpaa1
Gipc11	2.69E-52	0.710319	0.314	0.128	6.59E-48	Prolif T	Gipc1
Ccdc1241	3.23E-52	0.528635	0.585	0.301	7.92E-48	Prolif T	Ccdc124
Ndufa9	3.32E-52	0.574215	0.488	0.234	8.12E-48	Prolif T	Ndufa9
Cfl11	3.68E-52	0.441722	0.936	0.898	9.01E-48	Prolif T	Cfl1
Thoc3	3.99E-52	0.437577	0.302	0.118	9.78E-48	Prolif T	Thoc3
Uap1	4.01E-52	0.53995	0.266	0.1	9.81E-48	Prolif T	Uap1
Zfp664	4.43E-52	0.575789	0.283	0.108	1.08E-47	Prolif T	Zfp664
Hras1	4.98E-52	0.577445	0.436	0.201	1.22E-47	Prolif T	Hras
Vdac12	6.84E-52	0.64399	0.56	0.295	1.68E-47	Prolif T	Vdac1
Cnep1r1	6.99E-52	0.592362	0.324	0.132	1.71E-47	Prolif T	Cnep1r1
Sfxn11	8.44E-52	0.55147	0.431	0.196	2.07E-47	Prolif T	Sfxn1
Spidr	1.00E-51	0.671531	0.266	0.101	2.46E-47	Prolif T	Spidr
Metap21	1.05E-51	0.782508	0.616	0.338	2.57E-47	Prolif T	Metap2
Atf1	1.18E-51	0.52094	0.476	0.226	2.90E-47	Prolif T	Atf1
Exosc31	1.43E-51	0.450995	0.514	0.249	3.49E-47	Prolif T	Exosc3
Srsf101	1.47E-51	0.581681	0.572	0.297	3.60E-47	Prolif T	Srsf10
llf3	1.48E-51	0.481702	0.31	0.124	3.63E-47	Prolif T	llf3
Etfb1	2.18E-51	0.631665	0.666	0.382	5.33E-47	Prolif T	Etfb
Chtf8	2.61E-51	0.404749	0.316	0.126	6.40E-47	Prolif T	Chtf8
Ywhae2	3.72E-51	0.649603	0.773	0.495	9.12E-47	Prolif T	Ywhae
Nfyc	3.90E-51	0.536492	0.396	0.176	9.54E-47	Prolif T	Nfyc
Kdelr22	4.33E-51	0.540105	0.472	0.226	1.06E-46	Prolif T	Kdelr2
Aifm1	5.05E-51	0.534817	0.277	0.107	1.24E-46	Prolif T	Aifm1
Al5068163	5.08E-51	0.600941	0.401	0.181	1.24E-46	Prolif T	Al506816
Eif2d	5.55E-51	0.349565	0.27	0.101	1.36E-46	Prolif T	Eif2d
Yars1	6.50E-51	0.424197	0.397	0.177	1.59E-46	Prolif T	Yars
Ezr2	6.53E-51	0.569277	0.701	0.414	1.60E-46	Prolif T	Ezr
Faf11	7.35E-51	0.477873	0.499	0.24	1.80E-46	Prolif T	Faf1
Prpf3	7.80E-51	0.680799	0.257	0.095	1.91E-46	Prolif T	Prpf3
Eif2b1	8.32E-51	0.683844	0.252	0.093	2.04E-46	Prolif T	Eif2b1
Blmh1	8.91E-51	0.448333	0.45	0.21	2.18E-46	Prolif T	Blmh
Nup54	9.18E-51	0.677232	0.254	0.094	2.25E-46	Prolif T	Nup54
Usp5	9.72E-51	0.677569	0.294	0.117	2.38E-46	Prolif T	Usp5
Ap2s11	1.05E-50	0.587399	0.688	0.402	2.58E-46	Prolif T	Ap2s1

Dhrs4	1.11E-50	0.618464	0.269	0.104	2.72E-46	Prolif T	Dhrs4
Dda1	1.22E-50	0.444033	0.514	0.248	2.99E-46	Prolif T	Dda1
Mrpl551	1.38E-50	0.437326	0.376	0.165	3.38E-46	Prolif T	Mrpl55
Wrnip1	2.04E-50	0.338569	0.308	0.122	5.00E-46	Prolif T	Wrnip1
Ccar1	2.04E-50	0.416602	0.541	0.271	5.01E-46	Prolif T	Ccar1
Usp141	2.09E-50	0.533584	0.398	0.178	5.12E-46	Prolif T	Usp14
Psm141	2.11E-50	0.496012	0.599	0.316	5.16E-46	Prolif T	Psm141
Dnajb1	2.22E-50	0.478644	0.49	0.236	5.44E-46	Prolif T	Dnajb1
Etfa1	2.45E-50	0.519469	0.577	0.296	5.99E-46	Prolif T	Etfa
Hp1bp3	2.45E-50	0.641925	0.67	0.384	6.01E-46	Prolif T	Hp1bp3
Rtca1	2.55E-50	0.44482	0.323	0.133	6.25E-46	Prolif T	Rtca
Adprh1	2.94E-50	0.456182	0.547	0.278	7.20E-46	Prolif T	Adprh
Tfam1	3.19E-50	0.369641	0.34	0.141	7.80E-46	Prolif T	Tfam
Ppa11	3.19E-50	0.628286	0.408	0.191	7.82E-46	Prolif T	Ppa1
Sf3a11	3.63E-50	0.391876	0.443	0.205	8.90E-46	Prolif T	Sf3a1
Srbd1	3.74E-50	0.545934	0.266	0.101	9.16E-46	Prolif T	Srbd1
Tm9sf11	4.27E-50	0.449284	0.399	0.177	1.05E-45	Prolif T	Tm9sf1
Pank2	4.46E-50	0.420342	0.457	0.214	1.09E-45	Prolif T	Pank2
Ssbp3	5.63E-50	0.597347	0.435	0.2	1.38E-45	Prolif T	Ssbp3
Pfn12	6.57E-50	0.392584	0.958	0.961	1.61E-45	Prolif T	Pfn1
Dnajc21	7.11E-50	0.420412	0.382	0.168	1.74E-45	Prolif T	Dnajc21
Tpm43	9.35E-50	0.625693	0.641	0.365	2.29E-45	Prolif T	Tpm4
Gatad1	1.34E-49	0.355156	0.448	0.208	3.27E-45	Prolif T	Gatad1
Smarca41	1.63E-49	0.50818	0.538	0.27	4.00E-45	Prolif T	Smarca4
Dpp9	1.70E-49	0.48962	0.284	0.111	4.15E-45	Prolif T	Dpp9
Prkag1	1.99E-49	0.392944	0.446	0.206	4.88E-45	Prolif T	Prkag1
Hnrnpul2	2.15E-49	0.617084	0.632	0.344	5.25E-45	Prolif T	Hnrnpul2
E2f41	2.27E-49	0.622769	0.57	0.305	5.55E-45	Prolif T	E2f4
Zfpm11	2.54E-49	1.095123	0.292	0.118	6.21E-45	Prolif T	Zfpm1
Lars1	3.10E-49	0.570323	0.436	0.205	7.60E-45	Prolif T	Lars
Fbxl14	3.16E-49	0.418718	0.336	0.141	7.74E-45	Prolif T	Fbxl14
Morf4l21	3.27E-49	0.637459	0.423	0.197	8.01E-45	Prolif T	Morf4l2
Brd3	3.73E-49	0.605342	0.308	0.128	9.12E-45	Prolif T	Brd3
Exosc91	3.78E-49	0.493527	0.304	0.123	9.25E-45	Prolif T	Exosc9
Gtf2h51	4.09E-49	0.486765	0.626	0.336	1.00E-44	Prolif T	Gtf2h5
Vrk11	4.15E-49	0.554638	0.489	0.24	1.02E-44	Prolif T	Vrk1
Hnrnpf1	4.24E-49	0.540671	0.871	0.728	1.04E-44	Prolif T	Hnrnpf
Snrnp27	4.33E-49	0.279301	0.479	0.225	1.06E-44	Prolif T	Snrnp27
Tars1	4.45E-49	0.37986	0.348	0.149	1.09E-44	Prolif T	Tars
Psmc21	5.07E-49	0.566064	0.555	0.285	1.24E-44	Prolif T	Psmc2
Fcho1	6.34E-49	0.38899	0.403	0.179	1.55E-44	Prolif T	Fcho1
Thrap3	6.84E-49	0.574352	0.654	0.365	1.68E-44	Prolif T	Thrap3
Rdx1	7.04E-49	0.541622	0.548	0.282	1.72E-44	Prolif T	Rdx
Txlna	1.03E-48	0.654107	0.304	0.124	2.52E-44	Prolif T	Txlna

Mtx12	1.06E-48	0.367357	0.368	0.16	2.60E-44	Prolif T	Mtx1
Sec23b	1.12E-48	0.438394	0.323	0.134	2.74E-44	Prolif T	Sec23b
Clk3	1.13E-48	0.461333	0.392	0.176	2.78E-44	Prolif T	Clk3
Cyth2	1.90E-48	0.40394	0.325	0.135	4.65E-44	Prolif T	Cyth2
Mrpl201	2.00E-48	0.573728	0.646	0.361	4.91E-44	Prolif T	Mrpl20
Wdr48	2.08E-48	0.514655	0.287	0.114	5.10E-44	Prolif T	Wdr48
Tmem2562	2.16E-48	0.514794	0.609	0.323	5.28E-44	Prolif T	Tmem256
Pcnp	2.39E-48	0.455546	0.552	0.281	5.86E-44	Prolif T	Pcnp
Wbp11	2.45E-48	0.405391	0.412	0.188	5.99E-44	Prolif T	Wbp11
Gtf2e21	2.72E-48	0.402594	0.314	0.13	6.67E-44	Prolif T	Gtf2e2
Ptpn72	2.84E-48	0.391269	0.517	0.257	6.95E-44	Prolif T	Ptpn7
Zcchc8	3.07E-48	0.501951	0.339	0.145	7.51E-44	Prolif T	Zcchc8
Ruvbl11	3.34E-48	0.566447	0.356	0.155	8.18E-44	Prolif T	Ruvbl1
Smarce1	3.79E-48	0.430333	0.506	0.249	9.27E-44	Prolif T	Smarce1
Rnf8	4.18E-48	0.394678	0.309	0.127	1.02E-43	Prolif T	Rnf8
Ino80e	4.78E-48	0.420059	0.443	0.207	1.17E-43	Prolif T	Ino80e
Slc7a1	5.34E-48	0.695422	0.284	0.114	1.31E-43	Prolif T	Slc7a1
Bag6	5.79E-48	0.383737	0.423	0.194	1.42E-43	Prolif T	Bag6
Nol121	6.26E-48	0.342902	0.331	0.139	1.53E-43	Prolif T	Nol12
Prmt12	6.28E-48	0.590633	0.619	0.342	1.54E-43	Prolif T	Prmt1
Cnih11	6.58E-48	0.471998	0.416	0.193	1.61E-43	Prolif T	Cnih1
Stard3nl1	8.62E-48	0.456456	0.521	0.259	2.11E-43	Prolif T	Stard3nl
Srsf61	1.15E-47	0.4757	0.577	0.304	2.81E-43	Prolif T	Srsf6
Snrpb21	1.15E-47	0.326946	0.404	0.182	2.82E-43	Prolif T	Snrpb2
Pom121	1.20E-47	0.679434	0.279	0.111	2.95E-43	Prolif T	Pom121
Txn14a1	1.53E-47	0.478454	0.396	0.181	3.76E-43	Prolif T	Txn14a
Smn11	1.78E-47	0.453211	0.307	0.126	4.37E-43	Prolif T	Smn1
Eif61	2.02E-47	0.524135	0.598	0.321	4.94E-43	Prolif T	Eif6
Smarcb11	2.31E-47	0.509217	0.466	0.226	5.66E-43	Prolif T	Smarcb1
Naa16	2.49E-47	0.57129	0.301	0.124	6.10E-43	Prolif T	Naa16
Kpna31	2.58E-47	0.486912	0.349	0.153	6.33E-43	Prolif T	Kpna3
Ankrd54	2.79E-47	0.473144	0.301	0.123	6.84E-43	Prolif T	Ankrd54
Tra2b1	2.84E-47	0.560166	0.75	0.498	6.97E-43	Prolif T	Tra2b
Ywhaq1	2.92E-47	0.402465	0.494	0.24	7.16E-43	Prolif T	Ywhaq
Tbp	3.20E-47	0.519756	0.266	0.103	7.85E-43	Prolif T	Tbp
Akt11	3.28E-47	0.521113	0.474	0.231	8.04E-43	Prolif T	Akt1
Zc3h18	3.49E-47	0.368657	0.353	0.154	8.55E-43	Prolif T	Zc3h18
Psmf1	4.46E-47	0.568802	0.345	0.151	1.09E-42	Prolif T	Psmf1
Tmem209	4.50E-47	0.489557	0.271	0.107	1.10E-42	Prolif T	Tmem209
Vps36	5.09E-47	0.450891	0.502	0.25	1.25E-42	Prolif T	Vps36
Psmf61	5.11E-47	0.542671	0.49	0.245	1.25E-42	Prolif T	Psmf6
Elp51	5.14E-47	0.491164	0.361	0.16	1.26E-42	Prolif T	Elp5
Slirp2	6.47E-47	0.441334	0.397	0.181	1.59E-42	Prolif T	Slirp
Blvra2	6.78E-47	0.380386	0.403	0.183	1.66E-42	Prolif T	Blvra

Tbc1d10b	6.95E-47	0.407593	0.333	0.143	1.70E-42	Prolif T	Tbc1d10b
Lage31	7.19E-47	0.46487	0.45	0.215	1.76E-42	Prolif T	Lage3
Tmx1	7.78E-47	0.442839	0.428	0.199	1.90E-42	Prolif T	Tmx1
Sf3b41	7.94E-47	0.530922	0.532	0.274	1.94E-42	Prolif T	Sf3b4
Vim2	9.13E-47	0.641831	0.844	0.712	2.24E-42	Prolif T	Vim
Cct51	1.50E-46	0.571009	0.689	0.411	3.68E-42	Prolif T	Cct5
Rnf1261	1.64E-46	0.275591	0.436	0.203	4.03E-42	Prolif T	Rnf126
Eipr11	1.67E-46	0.352063	0.328	0.138	4.08E-42	Prolif T	Eipr1
Map4k12	1.85E-46	0.431539	0.445	0.213	4.52E-42	Prolif T	Map4k1
Zfp414	2.73E-46	0.335286	0.353	0.154	6.68E-42	Prolif T	Zfp414
Nabp2	3.50E-46	0.418268	0.502	0.249	8.58E-42	Prolif T	Nabp2
Cyb5b1	4.23E-46	0.274998	0.416	0.192	1.04E-41	Prolif T	Cyb5b
Tsn1	4.32E-46	0.556215	0.636	0.359	1.06E-41	Prolif T	Tsn
Fam76b	4.37E-46	0.377916	0.367	0.163	1.07E-41	Prolif T	Fam76b
Ncoa7	4.62E-46	0.717114	0.368	0.165	1.13E-41	Prolif T	Ncoa7
Atp10a	5.08E-46	0.645923	0.331	0.143	1.25E-41	Prolif T	Atp10a
Sp3	6.24E-46	0.355721	0.457	0.219	1.53E-41	Prolif T	Sp3
Ciao2a1	6.27E-46	0.546663	0.616	0.335	1.54E-41	Prolif T	Ciao2a
Grk61	6.43E-46	0.361862	0.516	0.256	1.58E-41	Prolif T	Grk6
Fam98b1	7.18E-46	0.55845	0.314	0.133	1.76E-41	Prolif T	Fam98b
Chchd11	7.43E-46	0.494251	0.573	0.299	1.82E-41	Prolif T	Chchd1
Eif4h	7.48E-46	0.538333	0.6	0.328	1.83E-41	Prolif T	Eif4h
Psmc6	8.13E-46	0.474592	0.525	0.268	1.99E-41	Prolif T	Psmc6
Acadl	8.73E-46	0.44742	0.558	0.295	2.14E-41	Prolif T	Acadl
Luc7l31	9.31E-46	0.465203	0.57	0.3	2.28E-41	Prolif T	Luc7l3
Cdv31	1.34E-45	0.45873	0.433	0.206	3.27E-41	Prolif T	Cdv3
Cox6a11	1.49E-45	0.494554	0.838	0.646	3.66E-41	Prolif T	Cox6a1
Ipo52	1.81E-45	0.767895	0.349	0.159	4.43E-41	Prolif T	Ipo5
Psmg3	1.96E-45	0.37554	0.283	0.115	4.79E-41	Prolif T	Psmg3
Txnrd1	1.97E-45	0.35668	0.428	0.201	4.83E-41	Prolif T	Txnrd1
Eprs1	2.09E-45	0.52705	0.484	0.246	5.12E-41	Prolif T	Eprs
Gmps1	2.86E-45	0.469296	0.411	0.195	7.00E-41	Prolif T	Gmps
Msl3	2.92E-45	0.619309	0.27	0.109	7.14E-41	Prolif T	Msl3
Dera1	3.42E-45	0.378812	0.356	0.157	8.37E-41	Prolif T	Dera
Pfdn41	3.44E-45	0.31805	0.283	0.114	8.42E-41	Prolif T	Pfdn4
Kras1	3.63E-45	0.392742	0.544	0.278	8.89E-41	Prolif T	Kras
Ndufc22	4.04E-45	0.54949	0.743	0.471	9.88E-41	Prolif T	Ndufc2
Mrpl53	8.79E-45	0.412621	0.405	0.189	2.15E-40	Prolif T	Mrpl53
Qars	1.13E-44	0.337448	0.408	0.19	2.77E-40	Prolif T	Qars
Ykt6	1.20E-44	0.57845	0.267	0.107	2.93E-40	Prolif T	Ykt6
Calm11	1.23E-44	0.394453	0.919	0.852	3.02E-40	Prolif T	Calm1
Sec11c1	1.28E-44	0.551715	0.778	0.533	3.12E-40	Prolif T	Sec11c
Psm42	1.36E-44	0.511019	0.636	0.363	3.33E-40	Prolif T	Psm4
Prpf40a1	1.77E-44	0.440972	0.661	0.368	4.34E-40	Prolif T	Prpf40a

Ppp1ca1	1.84E-44	0.518242	0.831	0.696	4.50E-40	Prolif T	Ppp1ca
Gtf2a2	1.85E-44	0.404893	0.523	0.267	4.54E-40	Prolif T	Gtf2a2
Mrps121	1.93E-44	0.447665	0.509	0.256	4.72E-40	Prolif T	Mrps12
Aebp22	2.04E-44	0.331296	0.494	0.245	4.99E-40	Prolif T	Aebp2
Adsl1	2.69E-44	0.419446	0.398	0.185	6.59E-40	Prolif T	Adsl
Rilpl22	2.78E-44	0.537081	0.418	0.203	6.81E-40	Prolif T	Rilpl2
Tshz1	2.90E-44	0.323808	0.263	0.104	7.11E-40	Prolif T	Tshz1
Nsmce21	3.60E-44	0.401731	0.585	0.309	8.81E-40	Prolif T	Nsmce2
Ndufb81	3.81E-44	0.529791	0.757	0.492	9.33E-40	Prolif T	Ndufb8
Prpf311	3.84E-44	0.425361	0.35	0.157	9.41E-40	Prolif T	Prpf31
Psma11	4.22E-44	0.528786	0.631	0.351	1.03E-39	Prolif T	Psma1
Gabpb1	4.53E-44	0.306536	0.319	0.137	1.11E-39	Prolif T	Gabpb1
Dtnb	4.71E-44	0.386971	0.416	0.193	1.15E-39	Prolif T	Dtnb
Ube2n1	4.92E-44	0.513098	0.65	0.38	1.20E-39	Prolif T	Ube2n
Eif4a12	5.59E-44	0.567781	0.818	0.613	1.37E-39	Prolif T	Eif4a1
Eed	5.73E-44	0.499942	0.461	0.23	1.40E-39	Prolif T	Eed
Med81	6.07E-44	0.334177	0.436	0.207	1.49E-39	Prolif T	Med8
Psm71	6.20E-44	0.513877	0.533	0.283	1.52E-39	Prolif T	Psm7
lars1	6.21E-44	0.454064	0.306	0.131	1.52E-39	Prolif T	lars
Cox201	6.33E-44	0.471357	0.633	0.358	1.55E-39	Prolif T	Cox20
Rbm171	8.30E-44	0.373318	0.522	0.267	2.03E-39	Prolif T	Rbm17
Wbp4	8.81E-44	0.341235	0.443	0.215	2.16E-39	Prolif T	Wbp4
Usp37	1.08E-43	0.692516	0.274	0.113	2.64E-39	Prolif T	Usp37
Panx1	1.17E-43	0.25987	0.364	0.162	2.86E-39	Prolif T	Panx1
Tcof11	1.30E-43	0.449187	0.464	0.233	3.19E-39	Prolif T	Tcof1
Sf3a21	1.51E-43	0.374772	0.52	0.266	3.70E-39	Prolif T	Sf3a2
Nhp21	1.57E-43	0.563574	0.539	0.294	3.85E-39	Prolif T	Nhp2
Ints7	1.68E-43	0.422544	0.254	0.101	4.11E-39	Prolif T	Ints7
Stt3b	1.91E-43	0.283009	0.407	0.191	4.68E-39	Prolif T	Stt3b
Brd9	2.08E-43	0.25073	0.349	0.156	5.10E-39	Prolif T	Brd9
Nkap	2.26E-43	0.412055	0.325	0.142	5.52E-39	Prolif T	Nkap
Retreg2	2.30E-43	0.408433	0.471	0.231	5.63E-39	Prolif T	Retreg2
Dap31	2.77E-43	0.327602	0.413	0.196	6.79E-39	Prolif T	Dap3
Rnf4	3.01E-43	0.352298	0.44	0.212	7.36E-39	Prolif T	Rnf4
Psma61	3.05E-43	0.491866	0.65	0.371	7.48E-39	Prolif T	Psma6
Ndufb71	3.17E-43	0.505789	0.815	0.593	7.76E-39	Prolif T	Ndufb7
Ndufv21	3.22E-43	0.49984	0.714	0.428	7.88E-39	Prolif T	Ndufv2
Tial1	3.39E-43	0.349246	0.515	0.262	8.30E-39	Prolif T	Tial1
Babam1	3.66E-43	0.390643	0.54	0.282	8.97E-39	Prolif T	Babam1
Stard7	4.15E-43	0.508752	0.275	0.113	1.02E-38	Prolif T	Stard7
Mrp1271	5.01E-43	0.462121	0.429	0.209	1.23E-38	Prolif T	Mrp127
Swi51	5.57E-43	0.565272	0.757	0.507	1.36E-38	Prolif T	Swi5
Naa381	6.02E-43	0.445461	0.591	0.319	1.47E-38	Prolif T	Naa38
Ppp1cb1	6.62E-43	0.407247	0.494	0.251	1.62E-38	Prolif T	Ppp1cb

Gspt12	7.56E-43	0.464339	0.557	0.296	1.85E-38	Prolif T	Gspt1
Rfxap	7.68E-43	0.259488	0.357	0.16	1.88E-38	Prolif T	Rfxap
Heg1	8.35E-43	0.435826	0.355	0.158	2.04E-38	Prolif T	Heg1
Mtch21	1.07E-42	0.462714	0.554	0.296	2.61E-38	Prolif T	Mtch2
Mrpl571	1.13E-42	0.468969	0.662	0.388	2.77E-38	Prolif T	Mrpl57
Ercc11	1.27E-42	0.391886	0.281	0.116	3.11E-38	Prolif T	Ercc1
Ndufa41	1.34E-42	0.459577	0.871	0.712	3.29E-38	Prolif T	Ndufa4
Pef1	1.36E-42	0.389814	0.301	0.128	3.34E-38	Prolif T	Pef1
Rpl282	1.50E-42	0.325391	0.957	0.943	3.66E-38	Prolif T	Rpl28
Tyw1	1.58E-42	0.510671	0.285	0.119	3.87E-38	Prolif T	Tyw1
Gtf2b	1.67E-42	0.359874	0.488	0.244	4.08E-38	Prolif T	Gtf2b
Gtpbp1	1.74E-42	0.546042	0.303	0.13	4.25E-38	Prolif T	Gtpbp1
Eif3b1	1.99E-42	0.564117	0.467	0.241	4.89E-38	Prolif T	Eif3b
Ndufab11	2.10E-42	0.553655	0.683	0.416	5.14E-38	Prolif T	Ndufab1
Timm8b1	2.10E-42	0.460834	0.518	0.27	5.15E-38	Prolif T	Timm8b
Ncbp3	2.12E-42	0.389949	0.355	0.161	5.20E-38	Prolif T	Ncbp3
Ahsa11	2.19E-42	0.486109	0.568	0.304	5.36E-38	Prolif T	Ahsa1
Gtf3a1	2.25E-42	0.330673	0.44	0.214	5.52E-38	Prolif T	Gtf3a
Cpsf61	2.40E-42	0.368026	0.513	0.26	5.87E-38	Prolif T	Cpsf6
Dhx9	2.50E-42	0.37878	0.554	0.292	6.12E-38	Prolif T	Dhx9
Bola31	2.57E-42	0.49634	0.581	0.322	6.30E-38	Prolif T	Bola3
Med211	2.69E-42	0.261749	0.47	0.231	6.59E-38	Prolif T	Med21
Sgf29	3.31E-42	0.258235	0.355	0.159	8.12E-38	Prolif T	Sgf29
Kars1	3.41E-42	0.300591	0.317	0.137	8.34E-38	Prolif T	Kars
Sart31	3.65E-42	0.298081	0.305	0.131	8.94E-38	Prolif T	Sart3
Ctbp1	3.89E-42	0.529326	0.669	0.397	9.53E-38	Prolif T	Ctbp1
Psmb61	4.56E-42	0.518373	0.755	0.488	1.12E-37	Prolif T	Psmb6
Terf2	4.66E-42	0.370761	0.272	0.113	1.14E-37	Prolif T	Terf2
Psme31	4.76E-42	0.338069	0.398	0.188	1.17E-37	Prolif T	Psme3
Me22	4.97E-42	0.27441	0.436	0.211	1.22E-37	Prolif T	Me2
Mrps231	5.48E-42	0.284893	0.497	0.251	1.34E-37	Prolif T	Mrps23
Atp5k1	5.68E-42	0.515786	0.601	0.34	1.39E-37	Prolif T	Atp5k
Yaf21	5.99E-42	0.44978	0.469	0.235	1.47E-37	Prolif T	Yaf2
Atp5j1	6.00E-42	0.468111	0.86	0.726	1.47E-37	Prolif T	Atp5j
Mta2	7.01E-42	0.3787	0.478	0.24	1.72E-37	Prolif T	Mta2
Cyc11	7.26E-42	0.548454	0.655	0.392	1.78E-37	Prolif T	Cyc1
Ppp1r7	8.34E-42	0.380397	0.312	0.136	2.04E-37	Prolif T	Ppp1r7
Lcmt1	8.57E-42	0.565302	0.268	0.112	2.10E-37	Prolif T	Lcmt1
Cdc16	8.64E-42	0.589576	0.254	0.103	2.12E-37	Prolif T	Cdc16
Pfdn11	9.33E-42	0.453706	0.565	0.306	2.29E-37	Prolif T	Pfdn1
1700037HC	9.61E-42	0.491758	0.33	0.148	2.35E-37	Prolif T	1700037H04Rik
Cdc341	9.78E-42	0.436571	0.471	0.241	2.39E-37	Prolif T	Cdc34
U2af21	1.05E-41	0.41613	0.586	0.322	2.57E-37	Prolif T	U2af2
Slc25a52	1.13E-41	0.514065	0.816	0.646	2.76E-37	Prolif T	Slc25a5

Fam192a	1.23E-41	0.382543	0.31	0.136	3.02E-37	Prolif T	Fam192a
Pcbp11	1.26E-41	0.518558	0.803	0.595	3.07E-37	Prolif T	Pcbp1
Ap3s2	1.40E-41	0.376981	0.258	0.105	3.42E-37	Prolif T	Ap3s2
Gmcl1	1.52E-41	0.311437	0.277	0.115	3.72E-37	Prolif T	Gmcl1
Pou2f1	1.53E-41	0.55523	0.284	0.12	3.74E-37	Prolif T	Pou2f1
Tmem183a	1.55E-41	0.586814	0.272	0.114	3.79E-37	Prolif T	Tmem183a
Psemb51	1.65E-41	0.567001	0.735	0.492	4.03E-37	Prolif T	Psemb5
Cdk191	1.97E-41	0.358241	0.372	0.174	4.81E-37	Prolif T	Cdk19
Pmvk1	2.03E-41	0.704451	0.251	0.103	4.98E-37	Prolif T	Pmvk
Csnk2b2	2.12E-41	0.513734	0.798	0.573	5.18E-37	Prolif T	Csnk2b
Hnrnpc1	2.19E-41	0.372307	0.608	0.338	5.36E-37	Prolif T	Hnrnpc
Tmem14c2	2.22E-41	0.864307	0.686	0.431	5.43E-37	Prolif T	Tmem14c
Ak22	2.24E-41	0.498093	0.579	0.318	5.50E-37	Prolif T	Ak2
Stoml21	2.46E-41	0.38488	0.445	0.219	6.03E-37	Prolif T	Stoml2
Msh2	2.54E-41	0.339256	0.28	0.117	6.22E-37	Prolif T	Msh2
Ssr22	3.03E-41	0.49751	0.623	0.358	7.42E-37	Prolif T	Ssr2
Smarcd1	3.47E-41	0.415876	0.255	0.103	8.49E-37	Prolif T	Smarcd1
Psm21	3.98E-41	0.417809	0.521	0.272	9.74E-37	Prolif T	Psm2
Mrpl331	4.23E-41	0.477804	0.772	0.514	1.04E-36	Prolif T	Mrpl33
Parp13	4.48E-41	0.452089	0.334	0.153	1.10E-36	Prolif T	Parp1
Ppp1r22	4.87E-41	0.392891	0.456	0.227	1.19E-36	Prolif T	Ppp1r2
Polr1c	4.88E-41	0.363906	0.265	0.11	1.19E-36	Prolif T	Polr1c
Ergic2	5.51E-41	0.331354	0.404	0.193	1.35E-36	Prolif T	Ergic2
Bak12	6.58E-41	0.385711	0.382	0.181	1.61E-36	Prolif T	Bak1
Uqcrq1	7.01E-41	0.493508	0.798	0.565	1.72E-36	Prolif T	Uqcrq
Timm8a11	7.16E-41	0.509002	0.273	0.116	1.75E-36	Prolif T	Timm8a1
Eea11	7.68E-41	0.466856	0.384	0.184	1.88E-36	Prolif T	Eea1
Cetn31	7.91E-41	0.335726	0.548	0.29	1.94E-36	Prolif T	Cetn3
Dnajc8	8.64E-41	0.45566	0.687	0.396	2.12E-36	Prolif T	Dnajc8
Senp1	8.75E-41	0.495472	0.358	0.166	2.14E-36	Prolif T	Senp1
Pkm3	1.31E-40	0.564446	0.814	0.644	3.21E-36	Prolif T	Pkm
Gnb2	1.55E-40	0.492435	0.827	0.627	3.79E-36	Prolif T	Gnb2
Far12	1.58E-40	0.310082	0.39	0.185	3.87E-36	Prolif T	Far1
Orc2	1.62E-40	0.540188	0.255	0.104	3.98E-36	Prolif T	Orc2
Ccr82	1.74E-40	0.267083	0.382	0.182	4.26E-36	Prolif T	Ccr8
Pmpca	2.06E-40	0.43039	0.293	0.127	5.04E-36	Prolif T	Pmpca
Larp4b2	2.30E-40	0.432073	0.518	0.272	5.62E-36	Prolif T	Larp4b
Upf3a	2.44E-40	0.373919	0.338	0.154	5.98E-36	Prolif T	Upf3a
Fus	2.99E-40	0.569368	0.763	0.506	7.32E-36	Prolif T	Fus
Ddb11	3.08E-40	0.458244	0.437	0.219	7.55E-36	Prolif T	Ddb1
Arpc5l2	3.23E-40	0.388181	0.646	0.366	7.91E-36	Prolif T	Arpc5l
Ndufs81	3.35E-40	0.425962	0.617	0.35	8.20E-36	Prolif T	Ndufs8
Abcf1	3.37E-40	0.388422	0.558	0.3	8.24E-36	Prolif T	Abcf1
Flot2	3.49E-40	0.336531	0.279	0.118	8.55E-36	Prolif T	Flot2

Micos101	3.66E-40	0.458173	0.71	0.453	8.97E-36	Prolif T	Micos10
Mrpl582	3.73E-40	0.349471	0.61	0.338	9.14E-36	Prolif T	Mrpl58
Mid1ip11	4.21E-40	0.386044	0.292	0.127	1.03E-35	Prolif T	Mid1ip1
Sf3b2	4.27E-40	0.532535	0.755	0.519	1.05E-35	Prolif T	Sf3b2
Gabpb2	4.30E-40	0.402601	0.354	0.163	1.05E-35	Prolif T	Gabpb2
Mrpl10	4.62E-40	0.313218	0.36	0.167	1.13E-35	Prolif T	Mrpl10
Mpst	5.99E-40	0.461193	0.34	0.156	1.47E-35	Prolif T	Mpst
Rps172	6.05E-40	0.493835	0.864	0.716	1.48E-35	Prolif T	Rps17
Psmc51	6.76E-40	0.447949	0.57	0.315	1.65E-35	Prolif T	Psmc5
Mrpl211	7.83E-40	0.305986	0.531	0.277	1.92E-35	Prolif T	Mrpl21
Rtn31	9.11E-40	0.471095	0.65	0.377	2.23E-35	Prolif T	Rtn3
Spag7	9.42E-40	0.268752	0.434	0.211	2.31E-35	Prolif T	Spag7
Atp2b4	1.00E-39	0.318773	0.439	0.215	2.46E-35	Prolif T	Atp2b4
Upf3b	1.05E-39	0.344758	0.361	0.169	2.58E-35	Prolif T	Upf3b
Polr21l	1.06E-39	0.459644	0.292	0.127	2.60E-35	Prolif T	Polr2l
Rb1	1.07E-39	0.694793	0.417	0.208	2.61E-35	Prolif T	Rb1
Mtpn1	1.14E-39	0.411509	0.478	0.243	2.78E-35	Prolif T	Mtpn
Traf21	1.20E-39	0.287335	0.313	0.138	2.93E-35	Prolif T	Traf2
Ndufb61	1.23E-39	0.467596	0.681	0.406	3.02E-35	Prolif T	Ndufb6
Brix11	1.27E-39	0.346401	0.427	0.21	3.11E-35	Prolif T	Brix1
Tmco4	1.50E-39	0.331678	0.25	0.102	3.66E-35	Prolif T	Tmco4
Sdf2l12	1.55E-39	0.290383	0.498	0.255	3.80E-35	Prolif T	Sdf2l1
Mrpl151	1.62E-39	0.360523	0.506	0.262	3.97E-35	Prolif T	Mrpl15
Eif2b51	1.97E-39	0.356929	0.306	0.136	4.82E-35	Prolif T	Eif2b5
Hk1	2.03E-39	0.411759	0.429	0.209	4.97E-35	Prolif T	Hk1
Sec22b	2.30E-39	0.2964	0.391	0.187	5.64E-35	Prolif T	Sec22b
Dus1l	2.57E-39	0.375263	0.261	0.109	6.30E-35	Prolif T	Dus1l
Sucla2	2.60E-39	0.283991	0.386	0.183	6.37E-35	Prolif T	Sucla2
Dnajc191	2.62E-39	0.451583	0.639	0.367	6.42E-35	Prolif T	Dnajc19
Uba6	2.94E-39	0.387427	0.256	0.105	7.19E-35	Prolif T	Uba6
Mat2a1	2.99E-39	0.460152	0.577	0.325	7.33E-35	Prolif T	Mat2a
Hnrnpa01	3.19E-39	0.504812	0.69	0.444	7.80E-35	Prolif T	Hnrnpa0
Mrpl391	3.84E-39	0.260265	0.338	0.154	9.39E-35	Prolif T	Mrpl39
Ufd1	4.24E-39	0.301846	0.384	0.183	1.04E-34	Prolif T	Ufd1
Tkt2	4.30E-39	0.573017	0.671	0.439	1.05E-34	Prolif T	Tkt
Gps11	4.48E-39	0.340078	0.453	0.228	1.10E-34	Prolif T	Gps1
Anapc131	4.49E-39	0.287937	0.478	0.243	1.10E-34	Prolif T	Anapc13
Atp5f11	4.76E-39	0.465215	0.83	0.632	1.17E-34	Prolif T	Atp5f1
Pdlim1	4.88E-39	0.443576	0.26	0.108	1.19E-34	Prolif T	Pdlim1
Lsm11	4.89E-39	0.299029	0.487	0.249	1.20E-34	Prolif T	Lsm1
Skiv2l	4.93E-39	0.336079	0.304	0.135	1.21E-34	Prolif T	Skiv2l
Ldha2	5.74E-39	0.68087	0.826	0.701	1.41E-34	Prolif T	Ldha
Cox19	6.15E-39	0.276935	0.286	0.123	1.51E-34	Prolif T	Cox19
Mlec1	6.57E-39	0.4346	0.487	0.254	1.61E-34	Prolif T	Mlec

Coro1a3	7.87E-39	0.399167	0.874	0.902	1.93E-34	Prolif T	Coro1a
Psm5d5	8.19E-39	0.3447	0.313	0.14	2.01E-34	Prolif T	Psm5d5
Sc5d	9.64E-39	0.296206	0.293	0.127	2.36E-34	Prolif T	Sc5d
Naa101	1.18E-38	0.297132	0.26	0.109	2.88E-34	Prolif T	Naa10
Sin3a	1.18E-38	0.325079	0.321	0.146	2.90E-34	Prolif T	Sin3a
Trp53i111	1.19E-38	0.32239	0.366	0.171	2.91E-34	Prolif T	Trp53i11
Ipo9	1.25E-38	0.523975	0.266	0.114	3.05E-34	Prolif T	Ipo9
Ddx461	1.41E-38	0.421363	0.521	0.276	3.46E-34	Prolif T	Ddx46
Pgam12	1.95E-38	0.552429	0.644	0.392	4.77E-34	Prolif T	Pgam1
Rbm382	2.38E-38	0.504467	0.504	0.27	5.84E-34	Prolif T	Rbm38
Nol71	2.54E-38	0.4676	0.735	0.485	6.22E-34	Prolif T	Nol7
Gnai21	2.60E-38	0.413283	0.911	0.783	6.38E-34	Prolif T	Gnai2
Ndufa111	2.83E-38	0.451708	0.773	0.522	6.93E-34	Prolif T	Ndufa11
Ddx271	2.84E-38	0.321807	0.395	0.193	6.95E-34	Prolif T	Ddx27
Dhdds	3.14E-38	0.383208	0.274	0.119	7.69E-34	Prolif T	Dhdds
Zdhhc6	3.40E-38	0.361223	0.288	0.127	8.32E-34	Prolif T	Zdhhc6
Cpsf1	4.39E-38	0.378354	0.275	0.119	1.07E-33	Prolif T	Cpsf1
Mcmbp	4.44E-38	0.331209	0.408	0.201	1.09E-33	Prolif T	Mcmbp
Crip12	5.29E-38	0.618658	0.851	0.777	1.30E-33	Prolif T	Crip1
Timm17a1	5.54E-38	0.363117	0.492	0.259	1.36E-33	Prolif T	Timm17a
2310009B1	6.22E-38	0.282809	0.254	0.106	1.52E-33	Prolif T	2310009B15Rik
Dohh1	6.23E-38	0.267343	0.335	0.155	1.53E-33	Prolif T	Dohh
Znhit11	6.85E-38	0.297089	0.423	0.21	1.68E-33	Prolif T	Znhit1
Bnip21	7.15E-38	0.388933	0.491	0.257	1.75E-33	Prolif T	Bnip2
Ocel1	7.44E-38	0.331048	0.275	0.119	1.82E-33	Prolif T	Ocel1
Med71	7.87E-38	0.444166	0.282	0.124	1.93E-33	Prolif T	Med7
Uqcr101	8.23E-38	0.465232	0.782	0.537	2.01E-33	Prolif T	Uqcr10
Stag1	8.37E-38	0.478646	0.618	0.353	2.05E-33	Prolif T	Stag1
Actr1a	8.71E-38	0.314084	0.446	0.227	2.13E-33	Prolif T	Actr1a
Snrpd21	8.80E-38	0.452778	0.734	0.486	2.15E-33	Prolif T	Snrpd2
Mrps361	8.88E-38	0.325174	0.563	0.309	2.17E-33	Prolif T	Mrps36
Cct71	8.90E-38	0.475177	0.687	0.431	2.18E-33	Prolif T	Cct7
Mmadhc	9.47E-38	0.338298	0.303	0.136	2.32E-33	Prolif T	Mmadhc
Psm121	1.04E-37	0.351836	0.485	0.254	2.54E-33	Prolif T	Psm12
Nab21	1.11E-37	0.350962	0.262	0.112	2.72E-33	Prolif T	Nab2
Xpnpep12	1.18E-37	0.455105	0.283	0.126	2.88E-33	Prolif T	Xpnpep1
Sf3b51	1.22E-37	0.452365	0.757	0.513	2.98E-33	Prolif T	Sf3b5
Rabggtb1	1.40E-37	0.390393	0.349	0.166	3.43E-33	Prolif T	Rabggtb
Yif1b2	1.43E-37	0.372537	0.399	0.195	3.50E-33	Prolif T	Yif1b
Etf11	1.56E-37	0.326365	0.476	0.246	3.81E-33	Prolif T	Etf1
C1d1	1.63E-37	0.366654	0.468	0.24	3.99E-33	Prolif T	C1d
Cebpg1	1.69E-37	0.436171	0.4	0.199	4.14E-33	Prolif T	Cebpg
Spg7	1.85E-37	0.302013	0.307	0.138	4.52E-33	Prolif T	Spg7
Htatsf11	2.07E-37	0.27493	0.344	0.161	5.07E-33	Prolif T	Htatsf1

Tmem1092	2.08E-37	0.434679	0.347	0.165	5.09E-33	Prolif T	Tmem109
Noc4l1	2.58E-37	0.434373	0.276	0.122	6.33E-33	Prolif T	Noc4l
Anapc16	3.16E-37	0.297384	0.482	0.252	7.73E-33	Prolif T	Anapc16
Psm�111	3.18E-37	0.384037	0.555	0.305	7.79E-33	Prolif T	Psm�11
Lsm121	3.66E-37	0.413754	0.546	0.301	8.97E-33	Prolif T	Lsm12
Phrf1	4.27E-37	0.282992	0.32	0.147	1.05E-32	Prolif T	Phrf1
Dhx15	4.92E-37	0.327085	0.501	0.262	1.20E-32	Prolif T	Dhx15
Ebp1	5.07E-37	0.38774	0.531	0.29	1.24E-32	Prolif T	Ebp
Serbp12	5.07E-37	0.483248	0.829	0.67	1.24E-32	Prolif T	Serbp1
Chtop	5.11E-37	0.256849	0.503	0.261	1.25E-32	Prolif T	Chtop
Aida	6.02E-37	0.326416	0.25	0.105	1.47E-32	Prolif T	Aida
Asna11	6.26E-37	0.386979	0.407	0.201	1.53E-32	Prolif T	Asna1
Mrpl161	7.67E-37	0.311046	0.31	0.142	1.88E-32	Prolif T	Mrpl16
Mrps251	8.11E-37	0.345143	0.305	0.138	1.99E-32	Prolif T	Mrps25
Aip	1.00E-36	0.338558	0.618	0.351	2.45E-32	Prolif T	Aip
Ppid1	1.34E-36	0.299591	0.371	0.179	3.27E-32	Prolif T	Ppid
Eif2s21	1.44E-36	0.482947	0.708	0.448	3.53E-32	Prolif T	Eif2s2
Eif2s11	1.81E-36	0.392975	0.559	0.316	4.44E-32	Prolif T	Eif2s1
Psm�81	1.90E-36	0.451936	0.675	0.416	4.66E-32	Prolif T	Psm�8
Mettl91	1.97E-36	0.380966	0.421	0.214	4.82E-32	Prolif T	Mettl9
Emsy	2.06E-36	0.272568	0.314	0.145	5.05E-32	Prolif T	Emsy
Gid8	2.15E-36	0.305433	0.413	0.206	5.27E-32	Prolif T	Gid8
Pafah1b2	2.20E-36	0.262763	0.325	0.151	5.39E-32	Prolif T	Pafah1b2
Hadha	2.26E-36	0.336142	0.454	0.233	5.53E-32	Prolif T	Hadha
Serhl	2.38E-36	0.413697	0.265	0.116	5.83E-32	Prolif T	Serhl
Rpl7l11	2.49E-36	0.377215	0.395	0.196	6.10E-32	Prolif T	Rpl7l1
Cox8a1	3.12E-36	0.295416	0.95	0.907	7.64E-32	Prolif T	Cox8a
Tradd	3.26E-36	0.275228	0.362	0.174	7.99E-32	Prolif T	Tradd
Reep53	3.46E-36	0.495935	0.821	0.619	8.48E-32	Prolif T	Reep5
CAA011118	3.60E-36	0.377578	0.381	0.188	8.82E-32	Prolif T	CAA01118383.1
Fam207a	3.66E-36	0.331881	0.282	0.125	8.96E-32	Prolif T	Fam207a
Rbm10	4.17E-36	0.333783	0.327	0.154	1.02E-31	Prolif T	Rbm10
Pex7	4.28E-36	0.385734	0.258	0.112	1.05E-31	Prolif T	Pex7
Ngdn	4.81E-36	0.330242	0.461	0.238	1.18E-31	Prolif T	Ngdn
Safb1	6.04E-36	0.28437	0.469	0.244	1.48E-31	Prolif T	Safb
Dnajb111	6.68E-36	0.307995	0.55	0.297	1.64E-31	Prolif T	Dnajb11
Eif3c1	6.94E-36	0.534442	0.692	0.455	1.70E-31	Prolif T	Eif3c
Sart1	7.70E-36	0.250273	0.374	0.182	1.89E-31	Prolif T	Sart1
Smarcd2	7.89E-36	0.309312	0.419	0.213	1.93E-31	Prolif T	Smarcd2
Commd31	7.95E-36	0.324093	0.576	0.321	1.95E-31	Prolif T	Commd3
Gpn3	8.91E-36	0.355684	0.266	0.116	2.18E-31	Prolif T	Gpn3
Fbxo7	1.05E-35	0.528421	0.276	0.124	2.57E-31	Prolif T	Fbxo7
Hspa81	1.22E-35	0.386937	0.915	0.879	2.99E-31	Prolif T	Hspa8
Prdx22	1.26E-35	1.281422	0.709	0.46	3.08E-31	Prolif T	Prdx2

Hspd11	1.35E-35	0.520497	0.556	0.327	3.30E-31	Prolif T	Hspd1
Sfmbt11	1.51E-35	0.76831	0.251	0.111	3.69E-31	Prolif T	Sfmbt1
Wapl1	1.53E-35	0.380166	0.549	0.3	3.75E-31	Prolif T	Wapl
Arpc1a	1.80E-35	0.393716	0.527	0.287	4.41E-31	Prolif T	Arpc1a
Thyn11	1.82E-35	0.383866	0.277	0.124	4.46E-31	Prolif T	Thyn1
Traf7	2.37E-35	0.348492	0.343	0.163	5.81E-31	Prolif T	Traf7
Hmgn12	2.75E-35	0.872562	0.476	0.273	6.73E-31	Prolif T	Hmgn1
Ebna1bp22	2.75E-35	0.308101	0.478	0.253	6.74E-31	Prolif T	Ebna1bp2
Mif4gd2	2.77E-35	0.305825	0.517	0.279	6.78E-31	Prolif T	Mif4gd
Ap2a1	3.11E-35	0.452797	0.3	0.139	7.62E-31	Prolif T	Ap2a1
Eloc1	3.18E-35	0.46079	0.658	0.405	7.78E-31	Prolif T	Eloc
Pithd11	3.34E-35	0.293455	0.318	0.148	8.18E-31	Prolif T	Pithd1
Tmem248	3.34E-35	0.28208	0.319	0.149	8.18E-31	Prolif T	Tmem248
Trap11	3.68E-35	0.270382	0.319	0.149	9.02E-31	Prolif T	Trap1
Kat7	3.69E-35	0.258745	0.303	0.14	9.03E-31	Prolif T	Kat7
Cenpb1	3.88E-35	0.375558	0.362	0.177	9.51E-31	Prolif T	Cenpb
Mpp61	3.94E-35	0.294252	0.374	0.185	9.66E-31	Prolif T	Mpp6
Polr2h1	4.12E-35	0.30739	0.318	0.149	1.01E-30	Prolif T	Polr2h
Bud231	4.27E-35	0.282672	0.334	0.159	1.04E-30	Prolif T	Bud23
Sh3bgrl2	4.44E-35	0.313486	0.443	0.231	1.09E-30	Prolif T	Sh3bgrl
Tpm31	4.59E-35	0.475814	0.85	0.669	1.12E-30	Prolif T	Tpm3
Dkc11	4.84E-35	0.34617	0.289	0.131	1.18E-30	Prolif T	Dkc1
Isy11	6.20E-35	0.280469	0.466	0.245	1.52E-30	Prolif T	Isy1
Zbtb8os1	6.66E-35	0.281	0.441	0.229	1.63E-30	Prolif T	Zbtb8os
Prpf191	8.21E-35	0.366549	0.454	0.239	2.01E-30	Prolif T	Prpf19
Med31	8.27E-35	0.277486	0.257	0.112	2.02E-30	Prolif T	Med31
Htra21	8.34E-35	0.44407	0.275	0.126	2.04E-30	Prolif T	Htra2
Pcbp2	8.47E-35	0.435851	0.692	0.428	2.07E-30	Prolif T	Pcbp2
Rheb	8.56E-35	0.360758	0.629	0.364	2.10E-30	Prolif T	Rheb
Ppa21	9.88E-35	0.264939	0.294	0.134	2.42E-30	Prolif T	Ppa2
Snu131	1.01E-34	0.483225	0.715	0.478	2.47E-30	Prolif T	Snu13
Eif5a3	1.03E-34	0.528239	0.853	0.715	2.52E-30	Prolif T	Eif5a
U2surp	1.05E-34	0.284025	0.562	0.313	2.57E-30	Prolif T	U2surp
Gart1	1.14E-34	0.47371	0.267	0.12	2.80E-30	Prolif T	Gart
Snrpd31	1.18E-34	0.469486	0.695	0.444	2.88E-30	Prolif T	Snrpd3
Rab29	1.20E-34	0.324881	0.271	0.12	2.94E-30	Prolif T	Rab29
Iars2	1.48E-34	0.301752	0.255	0.111	3.63E-30	Prolif T	Iars2
Urod	1.76E-34	0.789031	0.3	0.142	4.31E-30	Prolif T	Urod
Ssb1	1.99E-34	0.442844	0.728	0.478	4.88E-30	Prolif T	Ssb
Aurkaip11	2.26E-34	0.373453	0.691	0.424	5.53E-30	Prolif T	Aurkaip1
Dhx16	2.58E-34	0.381449	0.265	0.118	6.32E-30	Prolif T	Dhx16
Ints8	2.60E-34	0.256565	0.268	0.119	6.36E-30	Prolif T	Ints8
Zfp2071	2.78E-34	0.28924	0.554	0.304	6.82E-30	Prolif T	Zfp207
Ndufs61	2.83E-34	0.405015	0.587	0.337	6.93E-30	Prolif T	Ndufs6

Ndufs21	3.13E-34	0.328129	0.561	0.312	7.67E-30	Prolif T	Ndufs2
Nup2102	3.41E-34	0.296582	0.534	0.291	8.35E-30	Prolif T	Nup210
Cggbp1	3.48E-34	0.27789	0.439	0.226	8.52E-30	Prolif T	Cggbp1
Sp3os	3.68E-34	0.276764	0.263	0.117	9.02E-30	Prolif T	Sp3os
Ssbp11	4.33E-34	0.272902	0.52	0.282	1.06E-29	Prolif T	Ssbp1
Mrpl121	5.02E-34	0.489021	0.548	0.314	1.23E-29	Prolif T	Mrpl12
Rars1	5.14E-34	0.39147	0.33	0.16	1.26E-29	Prolif T	Rars
Smarcc21	5.38E-34	0.253388	0.481	0.256	1.32E-29	Prolif T	Smarcc2
Api51	6.30E-34	0.276502	0.375	0.188	1.54E-29	Prolif T	Api5
Nras	6.55E-34	0.282475	0.326	0.155	1.60E-29	Prolif T	Nras
Hsd17b122	6.65E-34	0.382277	0.356	0.174	1.63E-29	Prolif T	Hsd17b12
Maea	9.04E-34	0.260729	0.452	0.236	2.21E-29	Prolif T	Maea
Sdhc	9.14E-34	0.252911	0.403	0.204	2.24E-29	Prolif T	Sdhc
Ppp4c1	9.16E-34	0.473534	0.724	0.49	2.24E-29	Prolif T	Ppp4c
Cct81	1.02E-33	0.465974	0.634	0.388	2.51E-29	Prolif T	Cct8
Slc35b21	1.04E-33	0.302421	0.41	0.209	2.54E-29	Prolif T	Slc35b2
Bzw11	1.39E-33	0.383173	0.672	0.411	3.40E-29	Prolif T	Bzw1
Sp1	1.39E-33	0.291191	0.314	0.149	3.40E-29	Prolif T	Sp1
Fam162a1	1.42E-33	0.369964	0.489	0.267	3.48E-29	Prolif T	Fam162a
Rad23a1	1.52E-33	0.487509	0.502	0.277	3.71E-29	Prolif T	Rad23a
Mtrex	1.54E-33	0.260035	0.322	0.154	3.78E-29	Prolif T	Mtrex
Arl6ip4	1.63E-33	0.264514	0.512	0.279	3.99E-29	Prolif T	Arl6ip4
Psmb21	1.88E-33	0.438037	0.724	0.475	4.60E-29	Prolif T	Psmb2
Stub1	1.97E-33	0.3727	0.605	0.352	4.83E-29	Prolif T	Stub1
Tada11	2.44E-33	0.253767	0.297	0.137	5.97E-29	Prolif T	Tada1
Mpv17l21	2.59E-33	0.292699	0.391	0.196	6.33E-29	Prolif T	Mpv17l2
Acot8	3.01E-33	0.335926	0.267	0.121	7.38E-29	Prolif T	Acot8
Ptges31	3.39E-33	0.419116	0.664	0.404	8.30E-29	Prolif T	Ptges3
Uba11	3.44E-33	0.36694	0.56	0.319	8.41E-29	Prolif T	Uba1
Npm33	4.01E-33	0.360836	0.622	0.371	9.82E-29	Prolif T	Npm3
Ap2m11	4.13E-33	0.442071	0.728	0.477	1.01E-28	Prolif T	Ap2m1
Tmem222	4.67E-33	0.253797	0.329	0.159	1.14E-28	Prolif T	Tmem222
Pole41	4.71E-33	0.412081	0.631	0.376	1.15E-28	Prolif T	Pole4
Dynll11	5.00E-33	0.500163	0.801	0.611	1.22E-28	Prolif T	Dynll1
Cuedc21	5.20E-33	0.290747	0.455	0.239	1.27E-28	Prolif T	Cuedc2
Sec131	5.25E-33	0.377239	0.576	0.33	1.29E-28	Prolif T	Sec13
Pop71	5.78E-33	0.272596	0.373	0.187	1.41E-28	Prolif T	Pop7
Adap11	6.36E-33	0.401981	0.256	0.115	1.56E-28	Prolif T	Adap1
Wrn	6.47E-33	0.348147	0.332	0.161	1.58E-28	Prolif T	Wrn
Arpp191	6.88E-33	0.401262	0.716	0.466	1.68E-28	Prolif T	Arpp19
Gsk3a	7.20E-33	0.252414	0.451	0.238	1.76E-28	Prolif T	Gsk3a
Atp5g21	7.83E-33	0.338636	0.889	0.832	1.92E-28	Prolif T	Atp5g2
Atp5j21	9.68E-33	0.381257	0.856	0.723	2.37E-28	Prolif T	Atp5j2
Hsp90ab11	9.89E-33	0.47409	0.922	0.871	2.42E-28	Prolif T	Hsp90ab1

Il3ra1	1.12E-32	0.293286	0.292	0.136	2.75E-28	Prolif T	Il3ra
Umad1	1.17E-32	0.324418	0.27	0.124	2.86E-28	Prolif T	Umad1
Cyb5r3	1.18E-32	0.376948	0.345	0.172	2.89E-28	Prolif T	Cyb5r3
Cpd1	1.27E-32	0.478023	0.276	0.129	3.10E-28	Prolif T	Cpd
Mrpl172	1.39E-32	0.34643	0.478	0.259	3.41E-28	Prolif T	Mrpl17
Fkbp41	1.41E-32	0.385307	0.503	0.282	3.46E-28	Prolif T	Fkbp4
Ndufc11	1.42E-32	0.407778	0.634	0.384	3.47E-28	Prolif T	Ndufc1
Hmg20b	1.43E-32	0.299226	0.355	0.176	3.49E-28	Prolif T	Hmg20b
Cspp1	1.53E-32	0.376145	0.263	0.12	3.74E-28	Prolif T	Cspp1
Mdh21	1.58E-32	0.464762	0.765	0.545	3.86E-28	Prolif T	Mdh2
Vps511	1.62E-32	0.267317	0.336	0.164	3.96E-28	Prolif T	Vps51
Spn1	1.68E-32	0.256724	0.52	0.285	4.10E-28	Prolif T	Spn
Plaa	1.70E-32	0.264082	0.408	0.212	4.17E-28	Prolif T	Plaa
Galk11	1.78E-32	0.527533	0.266	0.123	4.36E-28	Prolif T	Galk1
Ppif1	1.81E-32	0.276298	0.268	0.122	4.43E-28	Prolif T	Ppif
Gmfb	1.90E-32	0.269009	0.324	0.156	4.65E-28	Prolif T	Gmfb
Eci2	2.02E-32	0.317217	0.34	0.167	4.95E-28	Prolif T	Eci2
Fbxo3	2.49E-32	0.28089	0.3	0.142	6.09E-28	Prolif T	Fbxo3
Hdlbp1	3.40E-32	0.39379	0.437	0.233	8.32E-28	Prolif T	Hdlbp
Ube2i1	3.80E-32	0.391749	0.822	0.624	9.31E-28	Prolif T	Ube2i
Nubp21	3.92E-32	0.301585	0.301	0.143	9.61E-28	Prolif T	Nubp2
Oxct11	5.18E-32	0.301929	0.502	0.273	1.27E-27	Prolif T	Oxct1
Aldh9a11	5.37E-32	0.271617	0.283	0.131	1.31E-27	Prolif T	Aldh9a1
Mrps101	5.76E-32	0.358912	0.256	0.116	1.41E-27	Prolif T	Mrps10
Rgcc1	6.92E-32	0.484926	0.293	0.14	1.69E-27	Prolif T	Rgcc
Elmo2	8.58E-32	0.385568	0.26	0.118	2.10E-27	Prolif T	Elmo2
Sars2	9.69E-32	0.398977	0.599	0.364	2.37E-27	Prolif T	Sars
Polr2a	9.77E-32	0.30811	0.598	0.346	2.39E-27	Prolif T	Polr2a
Uqcrfs11	1.04E-31	0.39559	0.677	0.425	2.54E-27	Prolif T	Uqcrfs1
Zranb2	1.04E-31	0.288932	0.478	0.26	2.56E-27	Prolif T	Zranb2
Ufc11	1.08E-31	0.280678	0.587	0.335	2.65E-27	Prolif T	Ufc1
Isca2	1.17E-31	0.26298	0.436	0.231	2.88E-27	Prolif T	Isca2
Naa15	1.26E-31	0.274442	0.372	0.19	3.08E-27	Prolif T	Naa15
Mrpl451	1.30E-31	0.281318	0.257	0.117	3.19E-27	Prolif T	Mrpl45
Polr2j1	1.32E-31	0.268222	0.593	0.347	3.24E-27	Prolif T	Polr2j
Aco2	1.36E-31	0.315331	0.481	0.265	3.34E-27	Prolif T	Aco2
Lta4h2	1.39E-31	0.319742	0.581	0.338	3.40E-27	Prolif T	Lta4h
Snx3	1.48E-31	0.402128	0.776	0.524	3.61E-27	Prolif T	Snx3
Ptpn11	1.55E-31	0.320876	0.376	0.193	3.80E-27	Prolif T	Ptpn11
Srp191	1.62E-31	0.342211	0.609	0.355	3.96E-27	Prolif T	Srp19
Hnrnpm	1.64E-31	0.36345	0.645	0.394	4.01E-27	Prolif T	Hnrnpm
Tmco11	1.71E-31	0.260563	0.459	0.245	4.18E-27	Prolif T	Tmco1
Gtf3c2	1.74E-31	0.269423	0.323	0.157	4.26E-27	Prolif T	Gtf3c2
Upf1	1.80E-31	0.361697	0.307	0.148	4.40E-27	Prolif T	Upf1

Mapk6	1.88E-31	0.403386	0.28	0.132	4.59E-27	Prolif T	Mapk6
Trir1	1.89E-31	0.445669	0.748	0.526	4.63E-27	Prolif T	Trir
Glod41	1.97E-31	0.254572	0.386	0.198	4.83E-27	Prolif T	Glod4
Dhrs11	2.44E-31	0.314276	0.268	0.123	5.97E-27	Prolif T	Dhrs1
Manf2	3.02E-31	0.380853	0.682	0.424	7.41E-27	Prolif T	Manf
Mrpl341	3.19E-31	0.263124	0.495	0.27	7.82E-27	Prolif T	Mrpl34
Srrm1	3.20E-31	0.39188	0.712	0.46	7.83E-27	Prolif T	Srrm1
Smarcad11	3.64E-31	0.396969	0.298	0.143	8.91E-27	Prolif T	Smarcad1
Utp181	3.87E-31	0.300412	0.264	0.121	9.48E-27	Prolif T	Utp18
Cops61	4.88E-31	0.296752	0.609	0.354	1.19E-26	Prolif T	Cops6
Cnpy21	4.92E-31	0.307646	0.442	0.237	1.21E-26	Prolif T	Cnpy2
Pqbp1	6.22E-31	0.25375	0.336	0.167	1.52E-26	Prolif T	Pqbp1
Gtf2f2	7.87E-31	0.251268	0.339	0.169	1.93E-26	Prolif T	Gtf2f2
Hsp90b11	9.12E-31	0.351684	0.848	0.649	2.23E-26	Prolif T	Hsp90b1
Ndufa51	9.42E-31	0.286365	0.626	0.374	2.31E-26	Prolif T	Ndufa5
Glrx51	1.19E-30	0.909433	0.514	0.297	2.91E-26	Prolif T	Glrx5
Psma51	1.22E-30	0.377789	0.658	0.408	2.99E-26	Prolif T	Psma5
Vps351	1.62E-30	0.293362	0.367	0.187	3.97E-26	Prolif T	Vps35
Mrpl111	1.92E-30	0.286999	0.371	0.19	4.70E-26	Prolif T	Mrpl11
Mrpl371	1.93E-30	0.30467	0.28	0.132	4.72E-26	Prolif T	Mrpl37
Htatip21	2.05E-30	0.278499	0.304	0.148	5.02E-26	Prolif T	Htatip2
Nars2	2.53E-30	0.384483	0.487	0.276	6.19E-26	Prolif T	Nars
Oser1	3.47E-30	0.252714	0.342	0.172	8.50E-26	Prolif T	Oser1
Taf101	3.68E-30	0.381102	0.808	0.625	9.02E-26	Prolif T	Taf10
Ubn11	3.96E-30	0.250381	0.511	0.284	9.70E-26	Prolif T	Ubn1
Polr2f1	4.80E-30	0.327521	0.584	0.345	1.18E-25	Prolif T	Polr2f
Isca1	7.17E-30	0.404312	0.286	0.137	1.76E-25	Prolif T	Isca1
Smdt1	8.22E-30	0.414469	0.774	0.542	2.01E-25	Prolif T	Smdt1
Ppig	8.87E-30	0.303836	0.566	0.331	2.17E-25	Prolif T	Ppig
Stag21	9.01E-30	0.268723	0.501	0.278	2.21E-25	Prolif T	Stag2
Flna	9.33E-30	0.271623	0.584	0.339	2.29E-25	Prolif T	Flna
Mapk31	9.85E-30	0.360312	0.416	0.224	2.41E-25	Prolif T	Mapk3
Ube2l31	1.12E-29	0.341454	0.644	0.399	2.74E-25	Prolif T	Ube2l3
Mrpl141	1.25E-29	0.271092	0.521	0.295	3.06E-25	Prolif T	Mrpl14
Eif3a1	1.37E-29	0.48242	0.67	0.427	3.36E-25	Prolif T	Eif3a
Bcat21	1.58E-29	0.251958	0.27	0.128	3.87E-25	Prolif T	Bcat2
Usp7	1.88E-29	0.621271	0.365	0.192	4.61E-25	Prolif T	Usp7
Pafah1b31	1.92E-29	0.312362	0.256	0.119	4.71E-25	Prolif T	Pafah1b3
Tnfrsf93	2.07E-29	0.273066	0.33	0.171	5.07E-25	Prolif T	Tnfrsf9
Sfr11	2.30E-29	0.25067	0.598	0.355	5.64E-25	Prolif T	Sfr1
Pkn21	2.94E-29	0.309946	0.444	0.241	7.19E-25	Prolif T	Pkn2
Arf52	3.45E-29	0.443401	0.859	0.684	8.44E-25	Prolif T	Arf5
Rer1	3.79E-29	0.373194	0.721	0.474	9.28E-25	Prolif T	Rer1
Dpysl21	4.21E-29	0.272299	0.31	0.155	1.03E-24	Prolif T	Dpysl2

Eif4ebp12	4.27E-29	0.403554	0.356	0.189	1.05E-24	Prolif T	Eif4ebp1
Map7d11	4.73E-29	0.291351	0.337	0.171	1.16E-24	Prolif T	Map7d1
Emc7	5.15E-29	0.276686	0.539	0.308	1.26E-24	Prolif T	Emc7
Usp10	5.29E-29	0.370586	0.271	0.13	1.30E-24	Prolif T	Usp10
Rnf71	5.93E-29	0.320373	0.603	0.358	1.45E-24	Prolif T	Rnf7
Ostc1	6.10E-29	0.370657	0.663	0.412	1.50E-24	Prolif T	Ostc
Sdhd2	6.70E-29	0.282345	0.508	0.289	1.64E-24	Prolif T	Sdhd
Acat1	7.72E-29	0.40247	0.468	0.261	1.89E-24	Prolif T	Acat1
Ndufb21	1.11E-28	0.295674	0.599	0.36	2.73E-24	Prolif T	Ndufb2
Uqcrc11	1.16E-28	0.364406	0.674	0.425	2.85E-24	Prolif T	Uqcrc1
Ola11	1.17E-28	0.258255	0.496	0.281	2.87E-24	Prolif T	Ola1
Puf601	1.39E-28	0.3103	0.696	0.452	3.40E-24	Prolif T	Puf60
Ranbp3	1.42E-28	0.296158	0.303	0.15	3.48E-24	Prolif T	Ranbp3
Rex1bd	1.51E-28	0.314785	0.602	0.359	3.70E-24	Prolif T	Rex1bd
Cep250	1.84E-28	0.404009	0.331	0.17	4.51E-24	Prolif T	Cep250
Tmem1671	1.96E-28	0.343959	0.659	0.416	4.81E-24	Prolif T	Tmem167
Limd1	2.08E-28	0.285808	0.305	0.151	5.09E-24	Prolif T	Limd1
Ccdc82	2.15E-28	0.28894	0.387	0.205	5.28E-24	Prolif T	Ccdc82
Pabpn11	2.28E-28	0.343716	0.702	0.453	5.58E-24	Prolif T	Pabpn1
Keap1	2.67E-28	0.257862	0.393	0.21	6.54E-24	Prolif T	Keap1
Prrc2a	3.99E-28	0.299674	0.553	0.32	9.78E-24	Prolif T	Prrc2a
Bag1	4.20E-28	0.308134	0.654	0.402	1.03E-23	Prolif T	Bag1
Ghitm1	5.21E-28	0.336477	0.669	0.422	1.28E-23	Prolif T	Ghitm
Smg6	5.36E-28	0.251517	0.485	0.273	1.31E-23	Prolif T	Smg6
Cpsf7	5.99E-28	0.276259	0.281	0.136	1.47E-23	Prolif T	Cpsf7
Kcnn43	6.30E-28	0.39371	0.453	0.252	1.54E-23	Prolif T	Kcnn4
Fam241a	8.31E-28	0.531562	0.349	0.186	2.04E-23	Prolif T	Fam241a
Pdcd51	8.86E-28	0.290254	0.682	0.431	2.17E-23	Prolif T	Pdcd5
Cct21	1.00E-27	0.385039	0.665	0.437	2.46E-23	Prolif T	Cct2
Ago21	1.06E-27	0.345044	0.465	0.26	2.60E-23	Prolif T	Ago2
Mpnd	1.34E-27	0.250012	0.361	0.191	3.28E-23	Prolif T	Mpnd
Cog4	1.36E-27	0.266328	0.279	0.137	3.33E-23	Prolif T	Cog4
Sun21	1.74E-27	0.367833	0.509	0.3	4.26E-23	Prolif T	Sun2
Ppp1r15b	1.78E-27	0.296114	0.353	0.186	4.36E-23	Prolif T	Ppp1r15b
Ipo72	1.94E-27	0.399585	0.342	0.181	4.75E-23	Prolif T	Ipo7
Ndufa121	1.96E-27	0.303807	0.618	0.38	4.81E-23	Prolif T	Ndufa12
Gps2	2.13E-27	0.274006	0.546	0.319	5.22E-23	Prolif T	Gps2
Rnf5	2.27E-27	0.25061	0.451	0.25	5.56E-23	Prolif T	Rnf5
Psmb31	2.29E-27	0.355274	0.823	0.671	5.60E-23	Prolif T	Psmb3
Rnf19a1	4.21E-27	0.321416	0.26	0.125	1.03E-22	Prolif T	Rnf19a
Cox7c1	5.32E-27	0.33676	0.862	0.718	1.30E-22	Prolif T	Cox7c
Ppp2ca	5.75E-27	0.326917	0.692	0.448	1.41E-22	Prolif T	Ppp2ca
Dleu21	6.20E-27	0.388532	0.509	0.292	1.52E-22	Prolif T	Dleu2
Vps291	6.45E-27	0.274634	0.622	0.371	1.58E-22	Prolif T	Vps29

Ubp1	7.91E-27	0.432292	0.291	0.146	1.94E-22	Prolif T	Ubp1
Nolc11	9.16E-27	0.302281	0.355	0.191	2.24E-22	Prolif T	Nolc1
Cd54	1.23E-26	0.339386	0.582	0.369	3.02E-22	Prolif T	Cd5
Cct31	1.47E-26	0.255727	0.513	0.3	3.60E-22	Prolif T	Cct3
Ywhab	1.58E-26	0.329723	0.715	0.482	3.86E-22	Prolif T	Ywhab
Vcp1	1.80E-26	0.359681	0.674	0.44	4.42E-22	Prolif T	Vcp
Prkar1a1	1.97E-26	0.347621	0.785	0.585	4.84E-22	Prolif T	Prkar1a
Mrfap11	2.08E-26	0.353528	0.664	0.415	5.10E-22	Prolif T	Mrfap1
Sf3b61	2.47E-26	0.348964	0.738	0.522	6.06E-22	Prolif T	Sf3b6
Ndufb9	2.49E-26	0.384157	0.784	0.575	6.10E-22	Prolif T	Ndufb9
Ndufb11	2.94E-26	0.319811	0.828	0.648	7.20E-22	Prolif T	Ndufb11
4833439L1	4.12E-26	0.301675	0.286	0.144	1.01E-21	Prolif T	4833439L19Rik
Slk1	5.15E-26	0.268184	0.365	0.195	1.26E-21	Prolif T	Slk
Actr3	6.23E-26	0.381095	0.871	0.759	1.52E-21	Prolif T	Actr3
Pomp2	7.41E-26	0.365408	0.76	0.537	1.81E-21	Prolif T	Pomp
Rexo21	7.71E-26	0.300648	0.568	0.352	1.89E-21	Prolif T	Rexo2
Rrp11	8.66E-26	0.283573	0.596	0.364	2.12E-21	Prolif T	Rrp1
Mlf21	1.67E-25	0.356346	0.645	0.402	4.10E-21	Prolif T	Mlf2
Minpp11	2.24E-25	0.541034	0.268	0.136	5.48E-21	Prolif T	Minpp1
Cct6a1	2.38E-25	0.360479	0.48	0.285	5.83E-21	Prolif T	Cct6a
Ddost2	3.06E-25	0.314553	0.689	0.44	7.50E-21	Prolif T	Ddost
Tomm401	3.65E-25	0.294142	0.347	0.188	8.94E-21	Prolif T	Tomm40
Cwc15	5.18E-25	0.26406	0.691	0.454	1.27E-20	Prolif T	Cwc15
Atrx1	6.00E-25	0.306888	0.638	0.404	1.47E-20	Prolif T	Atrx
Tsen341	6.70E-25	0.366284	0.259	0.131	1.64E-20	Prolif T	Tsen34
Bcl2a1d1	7.71E-25	0.356041	0.31	0.164	1.89E-20	Prolif T	Bcl2a1d
Ube2l61	1.03E-24	0.438564	0.268	0.136	2.52E-20	Prolif T	Ube2l6
Psmb91	1.11E-24	0.351652	0.8	0.667	2.71E-20	Prolif T	Psmb9
Nme13	1.36E-24	0.458319	0.703	0.515	3.33E-20	Prolif T	Nme1
Ndufs51	1.42E-24	0.298541	0.684	0.446	3.48E-20	Prolif T	Ndufs5
Calu	1.65E-24	0.32698	0.253	0.125	4.04E-20	Prolif T	Calu
Dcaf12	1.72E-24	0.294653	0.337	0.18	4.20E-20	Prolif T	Dcaf12
Ppp2r1a	1.93E-24	0.275843	0.581	0.351	4.72E-20	Prolif T	Ppp2r1a
Cdc14a1	2.32E-24	0.31766	0.254	0.126	5.68E-20	Prolif T	Cdc14a
Dctn3	2.79E-24	0.250197	0.643	0.402	6.82E-20	Prolif T	Dctn3
Mdh11	3.12E-24	0.323662	0.75	0.528	7.64E-20	Prolif T	Mdh1
Cct41	5.07E-24	0.321172	0.64	0.418	1.24E-19	Prolif T	Cct4
Dcp2	7.87E-24	0.255151	0.292	0.151	1.93E-19	Prolif T	Dcp2
Emg12	9.42E-24	0.273617	0.724	0.489	2.31E-19	Prolif T	Emg1
Top11	1.29E-23	0.308906	0.664	0.433	3.15E-19	Prolif T	Top1
Anxa22	1.42E-23	0.391127	0.668	0.462	3.48E-19	Prolif T	Anxa2
Atp5c11	2.16E-23	0.327578	0.841	0.658	5.29E-19	Prolif T	Atp5c1
Cox171	2.50E-23	0.322725	0.734	0.517	6.12E-19	Prolif T	Cox17
Mpp11	2.53E-23	0.47191	0.258	0.132	6.20E-19	Prolif T	Mpp1

Rps6ka51	2.89E-23	0.462738	0.252	0.129	7.08E-19	Prolif T	Rps6ka5
Krtcap21	3.43E-23	0.307509	0.809	0.636	8.40E-19	Prolif T	Krtcap2
Tpr	3.60E-23	0.305438	0.764	0.539	8.83E-19	Prolif T	Tpr
1110038B1	4.72E-23	0.273212	0.33	0.182	1.15E-18	Prolif T	1110038B12Rik
Mrps141	6.90E-23	0.278037	0.63	0.396	1.69E-18	Prolif T	Mrps14
Ass12	1.27E-22	0.449292	0.479	0.305	3.11E-18	Prolif T	Ass1
Ccni1	2.39E-22	0.254175	0.595	0.367	5.85E-18	Prolif T	Ccni
Abracl2	2.65E-22	0.292108	0.754	0.556	6.49E-18	Prolif T	Abracl
Timm231	2.95E-22	0.252538	0.62	0.39	7.22E-18	Prolif T	Timm23
Rbx11	3.21E-22	0.332796	0.801	0.635	7.86E-18	Prolif T	Rbx1
Atp5a11	3.68E-22	0.32639	0.8	0.615	9.02E-18	Prolif T	Atp5a1
Nt5c3	4.84E-22	0.301577	0.313	0.17	1.19E-17	Prolif T	Nt5c3
Psma31	5.19E-22	0.320502	0.757	0.565	1.27E-17	Prolif T	Psma3
Rhoa1	5.20E-22	0.330177	0.891	0.73	1.27E-17	Prolif T	Rhoa
Igsf81	1.04E-21	0.334946	0.251	0.13	2.55E-17	Prolif T	Igsf8
Fkbp8	1.16E-21	0.269024	0.671	0.44	2.83E-17	Prolif T	Fkbp8
Ifi272	1.24E-21	0.272358	0.68	0.461	3.04E-17	Prolif T	Ifi27
Psma71	1.28E-21	0.360268	0.774	0.581	3.14E-17	Prolif T	Psma7
Pacsin21	1.53E-21	0.261781	0.313	0.17	3.76E-17	Prolif T	Pacsin2
Hnrnpk1	1.77E-21	0.313278	0.813	0.662	4.33E-17	Prolif T	Hnrnpk
Anp32a2	2.04E-21	0.327907	0.743	0.548	4.99E-17	Prolif T	Anp32a
Psma21	2.40E-21	0.290806	0.778	0.593	5.87E-17	Prolif T	Psma2
Tomm221	5.46E-21	0.254926	0.704	0.485	1.34E-16	Prolif T	Tomm22
Phb23	8.04E-21	0.312549	0.588	0.389	1.97E-16	Prolif T	Phb2
Hmga11	1.18E-20	0.258131	0.31	0.173	2.88E-16	Prolif T	Hmga1
Myl12a2	1.89E-20	0.301866	0.864	0.761	4.62E-16	Prolif T	Myl12a
Crlf22	2.45E-20	0.274655	0.576	0.369	6.00E-16	Prolif T	Crlf2
Ndufa2	2.45E-20	0.29612	0.785	0.592	6.01E-16	Prolif T	Ndufa2
Capg2	3.28E-20	0.386561	0.486	0.327	8.04E-16	Prolif T	Capg
Josd2	3.64E-20	0.327442	0.354	0.204	8.92E-16	Prolif T	Josd2
Chchd22	1.80E-19	0.287935	0.739	0.557	4.40E-15	Prolif T	Chchd2
Psmb11	3.53E-19	0.270315	0.803	0.624	8.64E-15	Prolif T	Psmb1
Sap181	6.18E-19	0.258696	0.697	0.491	1.51E-14	Prolif T	Sap18
Sf3b1	7.16E-19	0.262029	0.757	0.554	1.75E-14	Prolif T	Sf3b1
Mif1	1.26E-18	0.444455	0.8	0.658	3.08E-14	Prolif T	Mif
Gdi21	4.23E-18	0.32933	0.758	0.563	1.04E-13	Prolif T	Gdi2
Arpc52	4.59E-18	0.288424	0.787	0.607	1.12E-13	Prolif T	Arpc5
Ptms1	5.14E-17	0.298704	0.533	0.347	1.26E-12	Prolif T	Ptms
Rap1a1	2.08E-16	0.279012	0.775	0.573	5.08E-12	Prolif T	Rap1a
Cotl12	3.31E-16	0.327074	0.739	0.583	8.11E-12	Prolif T	Cotl1
Eif4g2	1.44E-15	0.253732	0.725	0.523	3.53E-11	Prolif T	Eif4g2
Ehbp111	2.13E-15	0.408905	0.261	0.152	5.21E-11	Prolif T	Ehbp111
Lpcat31	1.83E-14	0.407731	0.281	0.167	4.47E-10	Prolif T	Lpcat3
Bsg1	3.19E-13	0.392603	0.76	0.545	7.82E-09	Prolif T	Bsg

Pde4d1	1.94E-12	0.449344	0.276	0.169	4.75E-08	Prolif T	Pde4d
Npm12	2.05E-12	0.297732	0.863	0.784	5.02E-08	Prolif T	Npm1
Ifi27l2a2	5.52E-11	0.355737	0.731	0.644	1.35E-06	Prolif T	Ifi27l2a
Med13l1	2.90E-05	0.303694	0.273	0.2	0.710478	Prolif T	Med13l
Mt11	0.000221	0.260235	0.338	0.267	1	Prolif T	Mt1
Trdv4	0	5.954584	0.537	0.027	0	gdT	Trdv4
Ltb4r1	0	4.381441	0.516	0.044	0	gdT	Ltb4r1
Tcrg-C1	0	4.473689	0.511	0.04	0	gdT	Tcrg-C1
Cd163l1	0	5.316878	0.404	0.011	0	gdT	Cd163l1
Tcrg-V6	0	5.348391	0.374	0.017	0	gdT	Tcrg-V6
Il23r	0	4.739222	0.355	0.009	0	gdT	Il23r
Serpinb1a	0	4.203998	0.371	0.029	0	gdT	Serpinb1a
Blk	0	5.338665	0.299	0.007	0	gdT	Blk
Rorc	0	5.090258	0.273	0.01	0	gdT	Rorc
Il1r1	0	3.880143	0.268	0.015	0	gdT	Il1r1
Tmem176a	6.05E-308	3.482282	0.657	0.143	1.48E-303	gdT	Tmem176a
Aqp3	1.55E-283	4.232577	0.284	0.024	3.80E-279	gdT	Aqp3
Tmem176b	4.57E-270	2.953039	0.731	0.201	1.12E-265	gdT	Tmem176b
Rnf128	7.22E-266	4.883957	0.299	0.029	1.77E-261	gdT	Rnf128
Il1rl1	6.62E-259	4.123907	0.302	0.03	1.62E-254	gdT	Il1rl1
Trdc	6.22E-232	3.631149	0.315	0.037	1.52E-227	gdT	Trdc
Tcrg-C4	2.12E-221	3.19395	0.345	0.046	5.18E-217	gdT	Tcrg-C4
Zbtb16	3.37E-197	3.127489	0.25	0.027	8.26E-193	gdT	Zbtb16
Il7r3	8.76E-176	1.720233	0.87	0.41	2.15E-171	gdT	Il7r
Ramp11	3.62E-163	2.347664	0.678	0.257	8.88E-159	gdT	Ramp1
Emb3	4.11E-157	1.934316	0.734	0.3	1.01E-152	gdT	Emb
Lmo41	3.02E-156	3.015283	0.456	0.117	7.41E-152	gdT	Lmo4
Tmem64	1.37E-147	2.656182	0.47	0.128	3.36E-143	gdT	Tmem64
Igf1r	2.28E-135	2.389615	0.388	0.091	5.57E-131	gdT	Igf1r
Il2ra2	1.41E-129	1.542258	0.525	0.155	3.46E-125	gdT	Il2ra
Tnfrsf25	1.86E-118	2.471298	0.307	0.064	4.55E-114	gdT	Tnfrsf25
Rora1	1.32E-111	1.640045	0.645	0.277	3.24E-107	gdT	Rora
St6galnac3	5.26E-107	1.276233	0.709	0.325	1.29E-102	gdT	St6galnac3
Gpr1831	1.49E-96	2.169011	0.498	0.191	3.65E-92	gdT	Gpr183
Clnk1	1.55E-94	2.258215	0.328	0.088	3.79E-90	gdT	Clnk
Ccr21	1.14E-89	1.65412	0.522	0.201	2.80E-85	gdT	Ccr2
Ero1l	4.06E-85	2.231198	0.386	0.129	9.93E-81	gdT	Ero1l
Capg3	5.20E-82	1.405107	0.663	0.324	1.27E-77	gdT	Capg
Itgb3	9.41E-81	2.282004	0.279	0.073	2.30E-76	gdT	Itgb3
Zfp36l12	1.42E-78	1.410534	0.762	0.494	3.48E-74	gdT	Zfp36l1
Socs11	4.50E-78	1.529441	0.686	0.409	1.10E-73	gdT	Socs1
Plcb4	5.04E-77	2.117159	0.269	0.07	1.23E-72	gdT	Plcb4
Rarg	9.92E-72	2.267738	0.274	0.076	2.43E-67	gdT	Rarg
Rps242	1.00E-68	0.489495	0.992	0.979	2.46E-64	gdT	Rps24

Mdfic1	2.00E-66	1.484664	0.563	0.293	4.89E-62	gdT	Mdfic
Gata3	4.33E-64	2.084912	0.412	0.175	1.06E-59	gdT	Gata3
Kcnq52	7.00E-59	1.558727	0.424	0.184	1.71E-54	gdT	Kcnq5
Rps52	8.55E-59	0.452701	0.989	0.961	2.09E-54	gdT	Rps5
Rps193	1.74E-56	0.571146	0.977	0.942	4.26E-52	gdT	Rps19
Mgat53	4.26E-55	1.483927	0.475	0.235	1.04E-50	gdT	Mgat5
Itgb72	7.69E-54	0.9153	0.788	0.542	1.88E-49	gdT	Itgb7
Rpl132	2.51E-53	0.429328	0.997	0.978	6.15E-49	gdT	Rpl13
Actn2	5.35E-52	2.134511	0.323	0.129	1.31E-47	gdT	Actn2
Rps72	1.08E-51	0.435623	0.99	0.965	2.65E-47	gdT	Rps7
Rps92	1.07E-47	0.438611	0.985	0.964	2.63E-43	gdT	Rps9
S100a43	2.47E-47	1.08325	0.668	0.437	6.06E-43	gdT	S100a4
Rexo22	2.63E-47	1.339434	0.57	0.356	6.45E-43	gdT	Rexo2
Rpl302	1.31E-46	0.419739	0.99	0.968	3.21E-42	gdT	Rpl30
Aff4	2.16E-46	1.698668	0.452	0.242	5.29E-42	gdT	Aff4
Rps27a2	3.51E-46	0.406908	0.987	0.967	8.59E-42	gdT	Rps27a
Gclc	3.80E-46	1.885089	0.327	0.138	9.31E-42	gdT	Gclc
Eef1a13	1.54E-45	0.33367	0.995	0.984	3.76E-41	gdT	Eef1a1
Rplp12	1.89E-45	0.459934	0.987	0.969	4.64E-41	gdT	Rplp1
Rpl192	2.40E-45	0.335921	0.995	0.971	5.88E-41	gdT	Rpl19
Sptssa1	6.56E-44	1.257132	0.614	0.422	1.61E-39	gdT	Sptssa
Rpl122	1.27E-43	0.49227	0.977	0.913	3.12E-39	gdT	Rpl12
Rps202	4.33E-43	0.424039	0.989	0.966	1.06E-38	gdT	Rps20
Rps4x2	9.03E-43	0.397721	0.985	0.962	2.21E-38	gdT	Rps4x
Rps183	2.62E-41	0.46782	0.979	0.935	6.42E-37	gdT	Rps18
Rpl172	2.08E-40	0.40621	0.982	0.958	5.10E-36	gdT	Rpl17
Junb2	3.19E-40	1.097248	0.813	0.686	7.82E-36	gdT	Junb
Rabac11	9.46E-40	0.746803	0.785	0.616	2.32E-35	gdT	Rabac1
Rps162	2.42E-39	0.341659	0.987	0.968	5.94E-35	gdT	Rps16
Cxcr62	1.04E-38	0.72614	0.782	0.532	2.53E-34	gdT	Cxcr6
Rgcc2	1.66E-38	1.421532	0.322	0.143	4.07E-34	gdT	Rgcc
Il18r11	3.36E-37	1.466326	0.448	0.263	8.23E-33	gdT	Il18r1
Prdx62	3.72E-37	0.950163	0.691	0.522	9.12E-33	gdT	Prdx6
Ahcyl2	9.38E-37	1.218684	0.43	0.236	2.30E-32	gdT	Ahcyl2
Rps3a13	6.23E-36	0.403869	0.99	0.966	1.53E-31	gdT	Rps3a1
Ppp1r14b3	1.66E-35	1.149091	0.548	0.368	4.06E-31	gdT	Ppp1r14b
Large11	2.82E-35	1.786451	0.261	0.109	6.90E-31	gdT	Large1
Fam129a1	3.49E-35	0.986853	0.481	0.283	8.54E-31	gdT	Fam129a
Rps102	7.98E-35	0.330733	0.992	0.966	1.95E-30	gdT	Rps10
St3gal31	1.43E-34	1.828111	0.261	0.112	3.49E-30	gdT	St3gal3
F2r	1.75E-34	1.763625	0.286	0.127	4.28E-30	gdT	F2r
Rpl103	4.53E-34	0.410669	0.972	0.919	1.11E-29	gdT	Rpl10
Rpl83	5.36E-34	0.387731	0.98	0.952	1.31E-29	gdT	Rpl8
Nme21	2.17E-33	0.60739	0.865	0.746	5.31E-29	gdT	Nme2

Rpl142	4.21E-33	0.42939	0.954	0.908	1.03E-28	gdT	Rpl14
Tpt13	1.31E-32	0.285566	0.979	0.97	3.21E-28	gdT	Tpt1
Rps142	1.93E-32	0.339913	0.972	0.951	4.73E-28	gdT	Rps14
Tasp11	7.07E-32	1.086513	0.407	0.222	1.73E-27	gdT	Tasp1
Rpl232	1.89E-31	0.356863	0.989	0.966	4.62E-27	gdT	Rpl23
Rps32	2.02E-31	0.34676	0.99	0.954	4.95E-27	gdT	Rps3
Rps210	3.12E-31	0.341113	0.985	0.951	7.64E-27	gdT	Rps2
Fam102a2	3.29E-31	0.924297	0.481	0.282	8.05E-27	gdT	Fam102a
Preli21	1.08E-30	1.526627	0.348	0.184	2.64E-26	gdT	Preli2
Rpl212	2.26E-30	0.310495	0.98	0.966	5.54E-26	gdT	Rpl21
Znrf11	2.28E-30	0.956671	0.57	0.389	5.57E-26	gdT	Znrf1
Ltb2	9.33E-29	0.497595	0.928	0.765	2.28E-24	gdT	Ltb
Rps62	1.99E-28	0.437466	0.957	0.892	4.87E-24	gdT	Rps6
St3gal63	9.27E-28	1.022598	0.486	0.309	2.27E-23	gdT	St3gal6
Maf4	2.53E-27	1.092728	0.432	0.26	6.20E-23	gdT	Maf
Cnbp1	1.02E-26	0.511081	0.828	0.73	2.50E-22	gdT	Cnbp
Gstp12	1.79E-26	0.753422	0.752	0.609	4.38E-22	gdT	Gstp1
Tespa12	2.14E-26	0.893643	0.461	0.283	5.25E-22	gdT	Tespa1
Rpl18a2	3.85E-26	0.27863	0.993	0.97	9.43E-22	gdT	Rpl18a
Ly6e2	3.96E-26	0.365297	0.984	0.92	9.70E-22	gdT	Ly6e
Selenop1	5.16E-26	0.717146	0.498	0.313	1.26E-21	gdT	Selenop
Rps83	7.16E-26	0.317696	0.99	0.971	1.75E-21	gdT	Rps8
Serinc31	1.12E-25	0.471643	0.841	0.707	2.75E-21	gdT	Serinc3
Nrip13	2.58E-25	1.076182	0.479	0.322	6.32E-21	gdT	Nrip1
Stk242	3.78E-25	0.964863	0.544	0.39	9.26E-21	gdT	Stk24
Eya2	5.01E-25	0.957254	0.274	0.13	1.23E-20	gdT	Eya2
Rplp03	5.22E-25	0.291076	0.985	0.955	1.28E-20	gdT	Rplp0
Smox1	5.96E-25	1.72145	0.269	0.138	1.46E-20	gdT	Smox
Rpl92	6.36E-25	0.289997	0.99	0.971	1.56E-20	gdT	Rpl9
Icos1	1.50E-24	0.692738	0.471	0.285	3.69E-20	gdT	Icos
Samsn11	2.38E-24	0.996064	0.452	0.294	5.83E-20	gdT	Samsn1
Gpx11	2.83E-24	0.575518	0.667	0.51	6.94E-20	gdT	Gpx1
Galnt12	3.36E-24	1.368203	0.292	0.154	8.23E-20	gdT	Galnt12
Nfkbiz	6.12E-24	1.461836	0.343	0.202	1.50E-19	gdT	Nfkbiz
Tagln23	8.63E-24	0.672399	0.778	0.647	2.11E-19	gdT	Tagln2
Lpcat21	9.01E-24	0.714725	0.33	0.166	2.21E-19	gdT	Lpcat2
Ppp1cc1	9.08E-24	0.820766	0.655	0.539	2.22E-19	gdT	Ppp1cc
Rpl10a2	2.17E-23	0.323411	0.977	0.938	5.30E-19	gdT	Rpl10a
Bzw21	3.83E-23	1.451121	0.302	0.168	9.38E-19	gdT	Bzw2
Rpl72	1.75E-22	0.347181	0.944	0.905	4.29E-18	gdT	Rpl7
Nedd41	4.28E-22	0.979642	0.35	0.198	1.05E-17	gdT	Nedd4
Ncor1	4.70E-22	0.627782	0.701	0.578	1.15E-17	gdT	Ncor1
Coro2a2	9.06E-22	0.948095	0.655	0.501	2.22E-17	gdT	Coro2a
S100a102	3.12E-21	0.530257	0.897	0.798	7.64E-17	gdT	S100a10

Lysmd2	5.32E-21	1.385368	0.264	0.14	1.30E-16	gdT	Lysmd2
Crtc31	1.20E-20	0.917414	0.384	0.241	2.94E-16	gdT	Crtc3
Rpl323	1.44E-20	0.275731	0.982	0.963	3.53E-16	gdT	Rpl32
Rpl262	1.91E-20	0.310422	0.954	0.934	4.67E-16	gdT	Rpl26
Il27ra3	4.93E-20	0.853364	0.493	0.347	1.21E-15	gdT	Il27ra
Eif11	1.54E-19	0.26518	0.969	0.946	3.76E-15	gdT	Eif1
Cers41	1.93E-19	0.977913	0.34	0.203	4.72E-15	gdT	Cers4
Ap3s1	3.33E-19	0.941372	0.422	0.29	8.16E-15	gdT	Ap3s1
Rpl52	7.81E-19	0.395484	0.893	0.833	1.91E-14	gdT	Rpl5
Ier22	2.87E-18	1.110108	0.506	0.385	7.04E-14	gdT	Ier2
Smpdl3a1	3.75E-18	0.766127	0.524	0.389	9.18E-14	gdT	Smpdl3a
S100a63	4.57E-18	0.688172	0.734	0.63	1.12E-13	gdT	S100a6
Rpl224	4.63E-18	0.314222	0.966	0.915	1.13E-13	gdT	Rpl22
Rpl152	4.73E-18	0.285555	0.966	0.932	1.16E-13	gdT	Rpl15
Smco42	8.18E-18	1.002124	0.356	0.228	2.00E-13	gdT	Smco4
Nfkb11	1.52E-17	0.885308	0.542	0.436	3.71E-13	gdT	Nfkb1
Rpl36a3	1.59E-17	0.391688	0.91	0.85	3.90E-13	gdT	Rpl36a
Ppp1r11	3.44E-17	0.835999	0.509	0.384	8.42E-13	gdT	Ppp1r11
Cerk1	3.67E-17	1.06813	0.292	0.175	9.00E-13	gdT	Cerk
Clint11	3.99E-17	0.534049	0.652	0.54	9.78E-13	gdT	Clint1
Aldoa2	8.82E-17	0.372403	0.831	0.737	2.16E-12	gdT	Aldoa
Cd822	1.32E-16	0.629639	0.685	0.577	3.23E-12	gdT	Cd82
Lztf11	1.52E-16	1.438885	0.269	0.158	3.72E-12	gdT	Lztf1
Il2rg4	1.60E-16	0.388583	0.859	0.757	3.91E-12	gdT	Il2rg
Samhd12	3.67E-16	0.569225	0.639	0.521	8.99E-12	gdT	Samhd1
Rpl63	3.88E-16	0.255819	0.984	0.945	9.49E-12	gdT	Rpl6
Pim12	6.37E-16	0.627854	0.521	0.383	1.56E-11	gdT	Pim1
Klk82	8.89E-16	0.792047	0.427	0.3	2.18E-11	gdT	Klk8
Tax1bp11	9.57E-16	0.664248	0.594	0.485	2.34E-11	gdT	Tax1bp1
Osbpl31	9.59E-16	0.974465	0.422	0.299	2.35E-11	gdT	Osbpl3
Atp2b1	1.34E-15	0.666203	0.548	0.424	3.28E-11	gdT	Atp2b1
Nop102	1.62E-15	0.559385	0.672	0.549	3.97E-11	gdT	Nop10
Spcs21	2.25E-15	0.486328	0.685	0.592	5.51E-11	gdT	Spcs2
Bcl23	2.97E-15	0.295885	0.609	0.469	7.28E-11	gdT	Bcl2
Ikzf31	3.00E-15	0.725446	0.631	0.525	7.35E-11	gdT	Ikzf3
Senp61	8.97E-15	0.641321	0.521	0.403	2.20E-10	gdT	Senp6
Slco3a11	4.32E-14	0.721964	0.369	0.251	1.06E-09	gdT	Slco3a1
1810058l2	5.34E-14	0.772251	0.521	0.428	1.31E-09	gdT	1810058l24Rik
Rack13	7.69E-14	0.298777	0.938	0.885	1.88E-09	gdT	Rack1
Txnip1	8.64E-14	0.583197	0.66	0.554	2.12E-09	gdT	Txnip
Rcsd12	8.67E-14	0.598857	0.419	0.3	2.12E-09	gdT	Rcsd1
Dap1	1.19E-13	0.838298	0.391	0.281	2.90E-09	gdT	Dap
Sec11c2	2.30E-13	0.628625	0.637	0.543	5.64E-09	gdT	Sec11c
Rps212	2.82E-13	0.296646	0.97	0.937	6.92E-09	gdT	Rps21

1-Jun	5.04E-13	0.732824	0.383	0.264	1.23E-08	gdT	Jun
Rpl43	5.05E-13	0.282497	0.9	0.828	1.24E-08	gdT	Rpl4
Wls1	7.52E-13	0.983483	0.256	0.159	1.84E-08	gdT	Wls
Stt3b1	1.32E-12	1.090574	0.294	0.199	3.22E-08	gdT	Stt3b
Rps6ka3	1.82E-12	0.71219	0.384	0.279	4.46E-08	gdT	Rps6ka3
Ifngr13	4.83E-12	0.649304	0.75	0.735	1.18E-07	gdT	Ifngr1
Eef1b22	6.27E-12	0.276557	0.911	0.857	1.54E-07	gdT	Eef1b2
Ly6a2	7.26E-12	0.268693	0.823	0.663	1.78E-07	gdT	Ly6a
Kbtbd11	1.11E-11	0.738605	0.266	0.167	2.73E-07	gdT	Kbtbd11
Cish2	1.35E-11	0.528828	0.511	0.396	3.30E-07	gdT	Cish
Eif4e3	1.43E-11	0.903409	0.261	0.168	3.49E-07	gdT	Eif4e3
H2-Ke61	1.67E-11	0.657382	0.411	0.308	4.10E-07	gdT	H2-Ke6
Gm424181	2.88E-11	0.265257	0.989	0.989	7.06E-07	gdT	Gm42418
Rasgrp11	3.99E-11	0.721049	0.447	0.35	9.77E-07	gdT	Rasgrp1
Psen22	4.16E-11	0.729108	0.34	0.241	1.02E-06	gdT	Psen2
Tspan322	4.32E-11	0.654788	0.371	0.268	1.06E-06	gdT	Tspan32
Cnot6l	4.35E-11	0.725907	0.432	0.342	1.06E-06	gdT	Cnot6l
Tecpr11	4.44E-11	0.620069	0.356	0.249	1.09E-06	gdT	Tecpr1
Slc38a11	4.59E-11	0.716984	0.411	0.32	1.12E-06	gdT	Slc38a1
Dtnbp11	5.94E-11	0.764407	0.356	0.264	1.46E-06	gdT	Dtnbp1
Klf61	7.31E-11	0.610258	0.478	0.384	1.79E-06	gdT	Klf6
Park7	1.83E-10	0.439595	0.662	0.59	4.48E-06	gdT	Park7
Mbd5	2.79E-10	0.706827	0.32	0.228	6.83E-06	gdT	Mbd5
Fos1	4.63E-10	1.051183	0.309	0.215	1.13E-05	gdT	Fos
Tgtp21	5.81E-10	0.971673	0.3	0.215	1.42E-05	gdT	Tgtp2
Irak22	1.25E-09	0.868047	0.294	0.207	3.05E-05	gdT	Irak2
Ssbp31	1.36E-09	0.70036	0.297	0.21	3.33E-05	gdT	Ssbp3
Cdk8	1.48E-09	0.347725	0.97	0.94	3.62E-05	gdT	Cdk8
Plp23	1.63E-09	0.6341	0.384	0.291	3.99E-05	gdT	Plp2
Filip111	1.74E-09	0.485538	0.588	0.511	4.27E-05	gdT	Filip1l
Abhd82	1.88E-09	0.719395	0.36	0.271	4.60E-05	gdT	Abhd8
Al4676062	2.13E-09	0.68273	0.371	0.28	5.21E-05	gdT	Al467606
Ccnd22	2.52E-09	0.359139	0.634	0.522	6.18E-05	gdT	Ccnd2
Gm2a2	3.46E-09	0.591158	0.337	0.245	8.47E-05	gdT	Gm2a
Npm13	4.05E-09	0.256788	0.851	0.786	9.91E-05	gdT	Npm1
Cdk2ap21	4.15E-09	0.49498	0.65	0.598	0.000102	gdT	Cdk2ap2
Eef1g2	4.23E-09	0.419614	0.672	0.605	0.000104	gdT	Eef1g
Syne1	4.28E-09	0.748235	0.25	0.164	0.000105	gdT	Syne1
Zfp36l22	4.37E-09	0.365847	0.754	0.704	0.000107	gdT	Zfp36l2
Zfp361	9.84E-09	0.800022	0.45	0.365	0.000241	gdT	Zfp36
Lars21	1.04E-08	0.336868	0.837	0.788	0.000254	gdT	Lars2
Lax12	1.29E-08	0.74291	0.35	0.265	0.000316	gdT	Lax1
Ppp3ca	2.05E-08	0.410844	0.491	0.414	0.000502	gdT	Ppp3ca
Mif4gd3	2.10E-08	0.609618	0.369	0.29	0.000514	gdT	Mif4gd

Prr132	2.14E-08	0.4107	0.655	0.591	0.000525	gdT	Prr13
Tspo	2.71E-08	0.320597	0.796	0.747	0.000664	gdT	Tspo
Zbtb202	6.70E-08	0.257783	0.532	0.446	0.00164	gdT	Zbtb20
Nfkbia2	7.80E-08	0.638421	0.576	0.52	0.001911	gdT	Nfkbia
Lpar6	8.46E-08	0.65611	0.258	0.181	0.002073	gdT	Lpar6
Tnfaip32	8.71E-08	0.71768	0.427	0.353	0.002133	gdT	Tnfaip3
Fgl22	9.84E-08	0.399277	0.524	0.431	0.002409	gdT	Fgl2
Gm267402	1.09E-07	0.414218	0.509	0.422	0.002676	gdT	Gm26740
Atp8a11	1.67E-07	0.495638	0.317	0.237	0.004079	gdT	Atp8a1
Aak11	1.79E-07	0.33971	0.47	0.388	0.004382	gdT	Aak1
Resf12	2.02E-07	0.581702	0.381	0.308	0.004956	gdT	Resf1
Trps11	2.62E-07	0.617628	0.261	0.188	0.006407	gdT	Trps1
S100a112	2.63E-07	0.38658	0.788	0.744	0.006443	gdT	S100a11
Camk42	2.99E-07	0.391638	0.409	0.324	0.007328	gdT	Camk4
Skp1a	3.14E-07	0.351947	0.571	0.504	0.007696	gdT	Skp1a
Uhrf21	6.49E-07	0.673953	0.305	0.239	0.015897	gdT	Uhrf2
Rnf1303	6.53E-07	0.486376	0.386	0.306	0.015979	gdT	Rnf130
Dusp52	6.78E-07	0.670921	0.289	0.216	0.016597	gdT	Dusp5
Csk2	7.85E-07	0.338381	0.548	0.474	0.019235	gdT	Csk
AY0361181	8.19E-07	0.32276	0.862	0.832	0.020068	gdT	AY036118
Tprgl1	8.48E-07	0.442665	0.489	0.423	0.020766	gdT	Tprgl
Usp31	9.37E-07	0.502614	0.327	0.254	0.022951	gdT	Usp3
Cd532	1.11E-06	0.304148	0.624	0.569	0.02722	gdT	Cd53
4930523C	1.42E-06	0.512683	0.399	0.329	0.034813	gdT	4930523C07Rik
Pnrc12	1.53E-06	0.339267	0.677	0.612	0.037422	gdT	Pnrc1
Galnt11	1.63E-06	0.684404	0.34	0.281	0.040012	gdT	Galnt1
Ppp1r9b	1.79E-06	0.596769	0.273	0.204	0.043893	gdT	Ppp1r9b
Timm232	1.96E-06	0.533759	0.456	0.4	0.047883	gdT	Timm23
Acat11	2.17E-06	0.575055	0.335	0.27	0.053165	gdT	Acat1
Elov52	2.85E-06	0.610127	0.312	0.247	0.06985	gdT	Elov5
Vars3	3.03E-06	0.624257	0.325	0.265	0.074198	gdT	Vars
Clcn32	3.71E-06	0.840778	0.289	0.229	0.090776	gdT	Clcn3
Il31ra1	4.50E-06	0.368136	0.736	0.683	0.110305	gdT	Il31ra
Churc11	5.30E-06	0.480908	0.414	0.356	0.129814	gdT	Churc1
Rbl21	5.61E-06	0.524286	0.36	0.292	0.137501	gdT	Rbl2
Cited21	7.32E-06	0.543279	0.409	0.347	0.179267	gdT	Cited2
Plec1	8.85E-06	0.528788	0.314	0.247	0.216662	gdT	Plec
Tex264	9.14E-06	0.702321	0.255	0.197	0.22383	gdT	Tex264
Tbc1d10c4	1.27E-05	0.25785	0.606	0.538	0.310553	gdT	Tbc1d10c
Selenof1	1.45E-05	0.252484	0.658	0.584	0.35447	gdT	Selenof
Drap1	1.56E-05	0.348918	0.53	0.483	0.381633	gdT	Drap1
Cd693	2.21E-05	0.499486	0.435	0.378	0.540626	gdT	Cd69
Serpnb6a1	2.23E-05	0.502237	0.287	0.225	0.546256	gdT	Serpnb6a
Eid1	2.75E-05	0.670556	0.263	0.207	0.673814	gdT	Eid1

Top2b1	3.14E-05	0.489246	0.397	0.344	0.769054	gdT	Top2b
Fkbp33	3.59E-05	0.311	0.552	0.507	0.880098	gdT	Fkbp3
Irf2bp21	3.82E-05	0.493131	0.402	0.35	0.934564	gdT	Irf2bp2
Rnf1661	3.89E-05	0.447124	0.417	0.363	0.953442	gdT	Rnf166
Pdha1	3.91E-05	0.628429	0.274	0.221	0.958493	gdT	Pdha1
Gbp61	4.00E-05	0.827623	0.302	0.252	0.980007	gdT	Gbp6
Eif4a21	4.13E-05	0.375371	0.452	0.398	1	gdT	Eif4a2
Stim1	4.14E-05	0.421112	0.32	0.26	1	gdT	Stim1
Ifrd1	4.50E-05	0.761886	0.274	0.224	1	gdT	Ifrd1
Ldb11	4.96E-05	0.3595	0.432	0.38	1	gdT	Ldb1
Fbl2	5.03E-05	0.453996	0.42	0.371	1	gdT	Fbl
Tnfaip8	5.19E-05	0.376519	0.479	0.435	1	gdT	Tnfaip8
Gpsm31	6.18E-05	0.282071	0.616	0.567	1	gdT	Gpsm3
Maz1	7.50E-05	0.378074	0.447	0.392	1	gdT	Maz
Srsf51	7.55E-05	0.2592	0.617	0.575	1	gdT	Srsf5
Diaph11	8.33E-05	0.425088	0.417	0.365	1	gdT	Diaph1
Vkorc11	0.000105	0.550173	0.281	0.23	1	gdT	Vkorc1
Lsm71	0.00012	0.376589	0.429	0.381	1	gdT	Lsm7
Mycbp21	0.000124	0.292955	0.537	0.494	1	gdT	Mycbp2
Kmt2c	0.000133	0.355909	0.345	0.288	1	gdT	Kmt2c
Rbm7	0.000151	0.620545	0.299	0.252	1	gdT	Rbm7
Cd44	0.000153	0.462737	0.427	0.381	1	gdT	Cd44
Abhd16a	0.000193	0.558493	0.271	0.221	1	gdT	Abhd16a
Dok22	0.000226	0.300202	0.338	0.277	1	gdT	Dok2
Gbp81	0.000253	0.699222	0.274	0.229	1	gdT	Gbp8
Ptges32	0.000419	0.322712	0.461	0.417	1	gdT	Ptges3
Tbl1x1	0.000426	0.53158	0.271	0.228	1	gdT	Tbl1x
Hsp90b12	0.000435	0.305843	0.718	0.658	1	gdT	Hsp90b1
Mogs2	0.000438	0.671031	0.284	0.242	1	gdT	Mogs
Man1a	0.000491	0.32726	0.34	0.293	1	gdT	Man1a
Fkbp42	0.000493	0.506103	0.333	0.293	1	gdT	Fkbp4
Tmem1231	0.000543	0.596149	0.297	0.256	1	gdT	Tmem123
Cyb5a1	0.00055	0.390548	0.47	0.438	1	gdT	Cyb5a
Igtp1	0.000553	0.758162	0.397	0.373	1	gdT	Igtp
Ppdpf2	0.000599	0.382695	0.461	0.421	1	gdT	Ppdpf
Tuba4a2	0.000607	0.426847	0.291	0.241	1	gdT	Tuba4a
Zfp652	0.000621	0.463991	0.343	0.298	1	gdT	Zfp652
Gm48099	0.000622	0.313989	0.369	0.32	1	gdT	Gm48099
Bmyc3	0.000628	0.483286	0.251	0.209	1	gdT	Bmyc
Znrd1	0.000664	0.513584	0.343	0.306	1	gdT	Znrd1
Rp91	0.000674	0.347788	0.501	0.478	1	gdT	Rp9
Smarca2	0.000713	0.476925	0.317	0.274	1	gdT	Smarca2
2-Mar	0.000795	0.461131	0.345	0.307	1	gdT	2-Mar
Hectd1	0.000983	0.347407	0.47	0.437	1	gdT	Hectd1

Cdc42ep32	0.001044	0.476267	0.284	0.238	1 gdT	Cdc42ep3
Gbp22	0.001107	0.412333	0.281	0.231	1 gdT	Gbp2
Trappc6a	0.001128	0.524225	0.273	0.235	1 gdT	Trappc6a
Impdh22	0.001206	0.421515	0.322	0.282	1 gdT	Impdh2
Esyt11	0.001232	0.290861	0.479	0.446	1 gdT	Esyt1
Smap11	0.001246	0.274961	0.493	0.461	1 gdT	Smap1
Tmem1311	0.001267	0.550417	0.261	0.223	1 gdT	Tmem131
Polr2e2	0.001333	0.424553	0.402	0.376	1 gdT	Polr2e
Sept114	0.001386	0.440066	0.258	0.214	1 gdT	11-Sep
Cox161	0.001607	0.355791	0.448	0.43	1 gdT	Cox16
Tmem1541	0.001666	0.450239	0.253	0.209	1 gdT	Tmem154
Pdrg1	0.001728	0.514562	0.273	0.235	1 gdT	Pdrg1
Spint21	0.001801	0.26617	0.371	0.324	1 gdT	Spint2
Cd2472	0.001807	0.523739	0.458	0.465	1 gdT	Cd247
Retreg21	0.002023	0.556419	0.278	0.243	1 gdT	Retreg2
Mrpl231	0.002117	0.326934	0.435	0.402	1 gdT	Mrpl23
Selenot	0.002131	0.460414	0.337	0.303	1 gdT	Selenot
Cast2	0.00219	0.389124	0.369	0.337	1 gdT	Cast
Hspa4	0.002898	0.497911	0.429	0.402	1 gdT	Hspa4
Cab39l	0.003394	0.432709	0.268	0.23	1 gdT	Cab39l
Rela	0.003396	0.492066	0.292	0.257	1 gdT	Rela
Birc33	0.003504	0.435765	0.314	0.279	1 gdT	Birc3
Manf3	0.00369	0.386801	0.465	0.437	1 gdT	Manf
Snhg81	0.003886	0.533534	0.325	0.295	1 gdT	Snhg8
Ivns1abp1	0.004797	0.538156	0.256	0.223	1 gdT	Ivns1abp
Rtn41	0.004811	0.387996	0.397	0.367	1 gdT	Rtn4
Gnai3	0.004905	0.398077	0.294	0.262	1 gdT	Gnai3
Mri12	0.005269	0.391898	0.268	0.23	1 gdT	Mri1
Dusp13	0.005272	0.420919	0.342	0.3	1 gdT	Dusp1
Etv62	0.005466	0.281662	0.337	0.3	1 gdT	Etv6
Sla3	0.005478	0.25791	0.438	0.407	1 gdT	Sla
Sesn11	0.006205	0.395652	0.271	0.234	1 gdT	Sesn1
Arap21	0.006261	0.269522	0.276	0.237	1 gdT	Arap2
Qdpr	0.006379	0.399376	0.292	0.263	1 gdT	Qdpr
Ddx181	0.006456	0.563637	0.251	0.221	1 gdT	Ddx18
Ddrgk1	0.006493	0.342377	0.396	0.373	1 gdT	Ddrgk1
Herc41	0.007262	0.268038	0.342	0.31	1 gdT	Herc4
Ubxn4	0.007537	0.3448	0.409	0.385	1 gdT	Ubxn4
Card192	0.007734	0.459738	0.281	0.251	1 gdT	Card19
Ptpn2	0.00774	0.484108	0.323	0.297	1 gdT	Ptpn2
Mat2a2	0.007891	0.385882	0.365	0.338	1 gdT	Mat2a
Tut41	0.008311	0.254679	0.44	0.411	1 gdT	Tut4
Rftn1	0.008461	0.286998	0.348	0.313	1 gdT	Rftn1
Ube2r2	0.008585	0.358423	0.317	0.289	1 gdT	Ube2r2

Idnk2	0.008718	0.372568	0.402	0.376	1 gdT	Idnk
Maf11	0.008728	0.325447	0.399	0.373	1 gdT	Maf1
Kcnn44	0.009193	0.297796	0.297	0.261	1 gdT	Kcnn4
Enpp21	0	4.840522	0.953	0.209	0 CD4/8-T	Enpp2
Ecrg4	0	4.674905	0.778	0.075	0 CD4/8-T	Ecrg4
Rbp1	0	4.362818	0.713	0.057	0 CD4/8-T	Rbp1
Calml4	0	5.212939	0.657	0.024	0 CD4/8-T	Calml4
Igfbp2	0	4.551166	0.666	0.051	0 CD4/8-T	Igfbp2
Ppp1r1b	0	5.153482	0.639	0.027	0 CD4/8-T	Ppp1r1b
Cryab	0	4.130825	0.66	0.05	0 CD4/8-T	Cryab
Kl	0	4.779184	0.63	0.032	0 CD4/8-T	Kl
Fxyd1	0	4.465654	0.609	0.039	0 CD4/8-T	Fxyd1
2900040C	0	5.339068	0.589	0.02	0 CD4/8-T	2900040C04Rik
Clic6	0	4.987438	0.589	0.021	0 CD4/8-T	Clic6
Slc22a17	0	4.434635	0.621	0.065	0 CD4/8-T	Slc22a17
Pcp4l1	0	4.458223	0.586	0.031	0 CD4/8-T	Pcp4l1
Msx1	0	5.600509	0.536	0.013	0 CD4/8-T	Msx1
Folr1	0	5.050371	0.491	0.017	0 CD4/8-T	Folr1
Kcnj13	0	5.254374	0.488	0.016	0 CD4/8-T	Kcnj13
Gsta4	0	4.48549	0.497	0.027	0 CD4/8-T	Gsta4
Sostdc1	0	5.173031	0.476	0.015	0 CD4/8-T	Sostdc1
Pcp4	0	3.878916	0.497	0.039	0 CD4/8-T	Pcp4
Rdh5	0	4.16186	0.488	0.036	0 CD4/8-T	Rdh5
Col9a3	0	4.453493	0.467	0.02	0 CD4/8-T	Col9a3
Vat1l	0	4.724553	0.438	0.013	0 CD4/8-T	Vat1l
Prr32	0	5.551362	0.429	0.009	0 CD4/8-T	Prr32
Krt18	0	5.183729	0.432	0.014	0 CD4/8-T	Krt18
Cdkn1c	0	4.26752	0.441	0.027	0 CD4/8-T	Cdkn1c
Otx2	0	5.679824	0.405	0.007	0 CD4/8-T	Otx2
Prlr	0	4.214514	0.408	0.02	0 CD4/8-T	Prlr
F5	0	4.505811	0.396	0.017	0 CD4/8-T	F5
Ace	0	4.608637	0.382	0.013	0 CD4/8-T	Ace
Fam81a	0	4.098344	0.385	0.019	0 CD4/8-T	Fam81a
Gm19935	0	4.46426	0.376	0.012	0 CD4/8-T	Gm19935
Fabp3	0	4.770922	0.376	0.019	0 CD4/8-T	Fabp3
Drc7	0	4.92799	0.367	0.011	0 CD4/8-T	Drc7
Prcd	0	5.616178	0.361	0.005	0 CD4/8-T	Prcd
Slc16a2	0	4.18528	0.364	0.016	0 CD4/8-T	Slc16a2
Rsph1	0	3.98368	0.349	0.018	0 CD4/8-T	Rsph1
Aifm3	0	4.459893	0.334	0.01	0 CD4/8-T	Aifm3
Hspb8	0	4.711029	0.334	0.012	0 CD4/8-T	Hspb8
Kcne2	0	5.000205	0.325	0.007	0 CD4/8-T	Kcne2
Sox9	0	3.893294	0.331	0.016	0 CD4/8-T	Sox9
Wfdc2	0	4.973367	0.32	0.008	0 CD4/8-T	Wfdc2

Prelp	0	4.267251	0.317	0.011	0	CD4/8-T	Prelp
Tmem98	0	4.7976	0.314	0.01	0	CD4/8-T	Tmem98
Pcolce	0	4.382773	0.314	0.013	0	CD4/8-T	Pcolce
Dynlrb2	0	3.774233	0.317	0.016	0	CD4/8-T	Dynlrb2
Cd59a	0	4.870521	0.302	0.01	0	CD4/8-T	Cd59a
Car14	0	4.524772	0.29	0.009	0	CD4/8-T	Car14
Tpd52l1	0	4.729339	0.29	0.009	0	CD4/8-T	Tpd52l1
Slc7a10	0	4.786277	0.287	0.008	0	CD4/8-T	Slc7a10
Epn3	0	5.63292	0.281	0.004	0	CD4/8-T	Epn3
Nme5	0	4.269786	0.284	0.01	0	CD4/8-T	Nme5
Gpx8	0	3.977293	0.284	0.012	0	CD4/8-T	Gpx8
Foxj1	0	4.35634	0.281	0.01	0	CD4/8-T	Foxj1
Car12	0	4.357082	0.269	0.011	0	CD4/8-T	Car12
Wdr86	0	4.534884	0.266	0.011	0	CD4/8-T	Wdr86
Maob	0	4.669959	0.257	0.007	0	CD4/8-T	Maob
1110017D1	0	4.172343	0.254	0.009	0	CD4/8-T	1110017D15Rik
Slc38a3	0	4.325899	0.254	0.009	0	CD4/8-T	Slc38a3
Clu	5.69E-304	4.183534	0.743	0.112	1.39E-299	CD4/8-T	Clu
Tmem72	2.04E-303	3.658983	0.29	0.013	4.99E-299	CD4/8-T	Tmem72
Slc4a5	1.03E-302	3.854236	0.26	0.01	2.53E-298	CD4/8-T	Slc4a5
Lbp	1.92E-297	4.263496	0.334	0.019	4.71E-293	CD4/8-T	Lbp
Parva	4.72E-286	3.538375	0.275	0.013	1.16E-281	CD4/8-T	Parva
Rsph9	5.54E-283	4.00487	0.284	0.014	1.36E-278	CD4/8-T	Rsph9
Trpm3	1.95E-280	2.963506	0.686	0.092	4.77E-276	CD4/8-T	Trpm3
Sulf1	3.80E-280	3.868668	0.296	0.015	9.31E-276	CD4/8-T	Sulf1
Slc29a4	9.73E-278	4.209987	0.251	0.011	2.38E-273	CD4/8-T	Slc29a4
Mia	1.11E-277	3.731556	0.293	0.015	2.71E-273	CD4/8-T	Mia
Peg3	4.76E-271	3.725685	0.29	0.015	1.17E-266	CD4/8-T	Peg3
Crip2	2.80E-265	3.573414	0.459	0.043	6.87E-261	CD4/8-T	Crip2
Igf2	8.42E-253	3.230963	0.408	0.034	2.06E-248	CD4/8-T	Igf2
Cgnl1	1.74E-252	3.635368	0.317	0.02	4.26E-248	CD4/8-T	Cgnl1
Slco1c1	2.42E-243	3.542342	0.281	0.016	5.93E-239	CD4/8-T	Slco1c1
Chchd101	2.51E-242	3.486358	0.885	0.233	6.14E-238	CD4/8-T	Chchd10
Hemk1	4.18E-241	3.662194	0.524	0.064	1.02E-236	CD4/8-T	Hemk1
Ttr1	1.72E-233	5.174614	0.991	0.442	4.20E-229	CD4/8-T	Ttr
Capsl	1.05E-227	4.025141	0.257	0.015	2.58E-223	CD4/8-T	Capsl
Cox6b2	1.63E-227	3.938735	0.328	0.025	4.00E-223	CD4/8-T	Cox6b2
Wwc1	4.66E-223	3.433968	0.287	0.019	1.14E-218	CD4/8-T	Wwc1
Mt31	2.04E-222	3.089298	0.87	0.222	4.99E-218	CD4/8-T	Mt3
Sh3d19	3.74E-218	3.497131	0.322	0.025	9.17E-214	CD4/8-T	Sh3d19
Map1lc3a1	4.16E-208	3.206327	0.672	0.128	1.02E-203	CD4/8-T	Map1lc3a
Cnn3	7.05E-208	3.29424	0.396	0.04	1.73E-203	CD4/8-T	Cnn3
Ptgds1	1.09E-194	2.522391	0.879	0.225	2.68E-190	CD4/8-T	Ptgds
Ckb1	1.11E-192	2.970525	0.876	0.263	2.71E-188	CD4/8-T	Ckb

Id1	8.28E-191	3.330731	0.308	0.026	2.03E-186	CD4/8-T	Id1
Ctnnal1	7.38E-188	3.500831	0.293	0.024	1.81E-183	CD4/8-T	Ctnnal1
Pltp	2.35E-185	3.067709	0.459	0.061	5.74E-181	CD4/8-T	Pltp
Atp1b12	4.19E-172	2.51429	0.68	0.141	1.02E-167	CD4/8-T	Atp1b1
Ak1	3.09E-170	3.441696	0.263	0.021	7.58E-166	CD4/8-T	Ak1
Id3	2.87E-169	2.767867	0.506	0.079	7.03E-165	CD4/8-T	Id3
Csrp2	7.75E-167	3.00786	0.453	0.066	1.90E-162	CD4/8-T	Csrp2
Ldhb1	4.35E-166	2.901659	0.766	0.215	1.06E-161	CD4/8-T	Ldhb
Ntrk2	1.40E-165	2.870216	0.349	0.038	3.43E-161	CD4/8-T	Ntrk2
Pfn2	4.12E-165	2.700542	0.358	0.04	1.01E-160	CD4/8-T	Pfn2
Cfap126	1.19E-163	3.19755	0.308	0.03	2.91E-159	CD4/8-T	Cfap126
Fhad1	6.67E-163	3.370677	0.299	0.029	1.63E-158	CD4/8-T	Fhad1
Cystm1	1.05E-162	3.12714	0.29	0.027	2.58E-158	CD4/8-T	Cystm1
Prdm16	5.11E-162	3.123534	0.317	0.032	1.25E-157	CD4/8-T	Prdm16
Morn2	1.19E-159	3.116126	0.358	0.043	2.91E-155	CD4/8-T	Morn2
Tbc1d91	5.16E-158	2.745068	0.544	0.101	1.26E-153	CD4/8-T	Tbc1d9
Car21	1.02E-149	2.053784	0.586	0.114	2.51E-145	CD4/8-T	Car2
Mlf1	3.66E-149	3.468204	0.257	0.023	8.96E-145	CD4/8-T	Mlf1
Htr2c	4.97E-149	2.408182	0.358	0.043	1.22E-144	CD4/8-T	Htr2c
Apoo	2.24E-148	3.076692	0.462	0.078	5.50E-144	CD4/8-T	Apoo
Cpne2	9.42E-147	3.354305	0.314	0.036	2.31E-142	CD4/8-T	Cpne2
Gas61	8.89E-146	2.573097	0.485	0.083	2.18E-141	CD4/8-T	Gas6
Maged1	2.05E-145	3.116803	0.337	0.042	5.02E-141	CD4/8-T	Maged1
Aldh21	2.16E-145	2.816099	0.527	0.102	5.29E-141	CD4/8-T	Aldh2
Hist1h2bc	5.07E-145	2.986116	0.382	0.053	1.24E-140	CD4/8-T	Hist1h2bc
S100a12	1.79E-144	2.791628	0.577	0.125	4.39E-140	CD4/8-T	S100a1
Mcee1	3.07E-144	2.833135	0.577	0.128	7.51E-140	CD4/8-T	Mcee
Hmgn3	3.55E-143	2.981254	0.352	0.046	8.68E-139	CD4/8-T	Hmgn3
Cald1	1.92E-132	2.642436	0.293	0.033	4.71E-128	CD4/8-T	Cald1
Acad8	5.11E-130	3.06329	0.364	0.054	1.25E-125	CD4/8-T	Acad8
Dstn1	3.66E-126	2.59056	0.624	0.17	8.96E-122	CD4/8-T	Dstn
Nsg2	2.71E-123	2.16655	0.411	0.067	6.63E-119	CD4/8-T	Nsg2
Ndrg2	1.35E-122	1.946063	0.524	0.107	3.31E-118	CD4/8-T	Ndrg2
Arsg	6.48E-120	2.890033	0.29	0.037	1.59E-115	CD4/8-T	Arsg
Aplp1	5.69E-119	2.328732	0.441	0.08	1.39E-114	CD4/8-T	Aplp1
Dbi3	1.21E-116	2.159166	0.914	0.504	2.97E-112	CD4/8-T	Dbi
Cd631	9.51E-116	1.824973	0.648	0.17	2.33E-111	CD4/8-T	Cd63
Tmem237	1.73E-114	2.983493	0.343	0.054	4.25E-110	CD4/8-T	Tmem237
Tceal8	2.39E-110	3.14402	0.257	0.032	5.85E-106	CD4/8-T	Tceal8
Slc4a2	5.51E-109	2.471237	0.411	0.078	1.35E-104	CD4/8-T	Slc4a2
Pebp11	7.05E-108	1.8639	0.911	0.509	1.73E-103	CD4/8-T	Pebp1
App1	8.84E-108	2.341497	0.624	0.18	2.17E-103	CD4/8-T	App
Fuom	3.54E-105	2.49983	0.393	0.074	8.67E-101	CD4/8-T	Fuom
Igfbp7	1.04E-104	2.221504	0.314	0.046	2.55E-100	CD4/8-T	Igfbp7

Atp5g11	1.06E-102	1.814961	0.938	0.647	2.59E-98	CD4/8-T	Atp5g1
Cul4b	4.27E-97	2.429843	0.429	0.094	1.04E-92	CD4/8-T	Cul4b
Mdh12	8.55E-97	1.8624	0.885	0.533	2.09E-92	CD4/8-T	Mdh1
Gpm6a	3.93E-96	2.142875	0.293	0.044	9.62E-92	CD4/8-T	Gpm6a
Slc4a10	1.01E-95	2.117545	0.325	0.053	2.47E-91	CD4/8-T	Slc4a10
Tubb4b2	6.30E-95	1.797215	0.837	0.402	1.54E-90	CD4/8-T	Tubb4b
Gpx4	1.57E-94	1.502719	0.944	0.738	3.84E-90	CD4/8-T	Gpx4
Mrps62	1.90E-92	2.102718	0.633	0.212	4.64E-88	CD4/8-T	Mrps6
Bsg2	1.83E-87	2.196023	0.882	0.55	4.49E-83	CD4/8-T	Bsg
Dab2	4.60E-87	2.176	0.251	0.036	1.13E-82	CD4/8-T	Dab2
Nedd42	8.38E-85	1.75617	0.612	0.196	2.05E-80	CD4/8-T	Nedd4
Wdr6	1.72E-84	2.354896	0.42	0.099	4.22E-80	CD4/8-T	Wdr6
Arl31	3.78E-83	2.108077	0.533	0.159	9.27E-79	CD4/8-T	Arl3
Thyn12	3.93E-83	2.353655	0.464	0.126	9.64E-79	CD4/8-T	Thyn1
Laptm4b	8.27E-80	2.623598	0.272	0.046	2.02E-75	CD4/8-T	Laptm4b
Gstm5	6.28E-79	2.272634	0.299	0.055	1.54E-74	CD4/8-T	Gstm5
Atp5g32	3.21E-78	1.161293	0.985	0.806	7.85E-74	CD4/8-T	Atp5g3
Ptov11	1.05E-77	2.313551	0.37	0.084	2.58E-73	CD4/8-T	Ptov1
Ifi273	1.19E-77	1.723632	0.837	0.466	2.90E-73	CD4/8-T	Ifi27
Cfap298	1.69E-77	2.10817	0.435	0.113	4.14E-73	CD4/8-T	Cfap298
Oaz2	1.88E-77	2.167048	0.367	0.081	4.61E-73	CD4/8-T	Oaz2
Cab39l1	3.30E-75	1.945573	0.607	0.224	8.08E-71	CD4/8-T	Cab39l
Prdx51	1.35E-74	1.513272	0.879	0.544	3.32E-70	CD4/8-T	Prdx5
Pdlim41	1.94E-73	2.420363	0.32	0.067	4.74E-69	CD4/8-T	Pdlim4
Bphl	2.15E-72	2.125539	0.361	0.083	5.28E-68	CD4/8-T	Bphl
Coq71	3.06E-71	2.451542	0.355	0.086	7.50E-67	CD4/8-T	Coq7
Osbpl1a	1.89E-70	2.188994	0.278	0.053	4.62E-66	CD4/8-T	Osbpl1a
Atp1a2	4.69E-70	1.718636	0.361	0.081	1.15E-65	CD4/8-T	Atp1a2
Mccc1	8.82E-70	2.35263	0.254	0.045	2.16E-65	CD4/8-T	Mccc1
Stk391	9.76E-70	1.478369	0.722	0.309	2.39E-65	CD4/8-T	Stk39
Nfix1	2.68E-65	1.995635	0.37	0.094	6.56E-61	CD4/8-T	Nfix
Acaa2	1.07E-64	1.847334	0.556	0.204	2.61E-60	CD4/8-T	Acaa2
ldh1	5.49E-62	2.439121	0.251	0.049	1.34E-57	CD4/8-T	ldh1
Ndufa112	1.59E-61	1.435474	0.817	0.53	3.90E-57	CD4/8-T	Ndufa11
Cog7	3.06E-61	2.19573	0.287	0.063	7.50E-57	CD4/8-T	Cog7
Rida	7.25E-61	2.034109	0.32	0.076	1.78E-56	CD4/8-T	Rida
Mtch12	3.22E-60	1.623008	0.651	0.3	7.89E-56	CD4/8-T	Mtch1
lft57	7.21E-60	2.28839	0.257	0.052	1.77E-55	CD4/8-T	lft57
Dgcr6	2.32E-59	2.029305	0.331	0.083	5.68E-55	CD4/8-T	Dgcr6
Aldoa3	3.39E-59	1.000393	0.97	0.736	8.30E-55	CD4/8-T	Aldoa
Slc12a21	2.24E-58	2.024824	0.346	0.09	5.48E-54	CD4/8-T	Slc12a2
Cfap36	4.26E-58	1.760549	0.444	0.14	1.04E-53	CD4/8-T	Cfap36
Skp1a1	5.92E-58	1.248586	0.822	0.5	1.45E-53	CD4/8-T	Skp1a
Cox8a2	1.43E-57	0.881668	0.988	0.908	3.49E-53	CD4/8-T	Cox8a

Nenf1	1.50E-57	1.73509	0.524	0.196	3.68E-53	CD4/8-T	Nenf
Spint2	2.46E-57	1.500059	0.678	0.318	6.02E-53	CD4/8-T	Spint2
Tsc22d1	1.96E-56	1.725513	0.302	0.071	4.79E-52	CD4/8-T	Tsc22d1
Slc25a392	8.88E-54	1.566717	0.654	0.318	2.17E-49	CD4/8-T	Slc25a39
Gm17018	3.74E-53	1.501006	0.568	0.231	9.17E-49	CD4/8-T	Gm17018
Ezr3	8.09E-53	1.306232	0.766	0.423	1.98E-48	CD4/8-T	Ezr
Ahcyl21	8.23E-53	1.309893	0.586	0.236	2.02E-48	CD4/8-T	Ahcyl2
Tspan33	1.87E-52	1.532718	0.609	0.272	4.58E-48	CD4/8-T	Tspan3
Chchd6	3.35E-51	2.067	0.269	0.064	8.20E-47	CD4/8-T	Chchd6
Mospd1	9.40E-50	1.900099	0.254	0.058	2.30E-45	CD4/8-T	Mospd1
Tob1	1.65E-49	1.760169	0.305	0.078	4.05E-45	CD4/8-T	Tob1
Atp5b2	1.66E-49	1.037476	0.917	0.709	4.07E-45	CD4/8-T	Atp5b
Gsn1	2.06E-49	1.676879	0.364	0.107	5.04E-45	CD4/8-T	Gsn
Hint2	2.09E-49	1.541576	0.53	0.219	5.13E-45	CD4/8-T	Hint2
Prxl2a	2.75E-49	1.451889	0.32	0.084	6.74E-45	CD4/8-T	Prxl2a
Uqcr111	8.03E-49	1.342884	0.787	0.511	1.97E-44	CD4/8-T	Uqcr11
Cdr1os	1.22E-48	1.308153	0.296	0.073	2.98E-44	CD4/8-T	Cdr1os
1110032A0	4.97E-48	1.849942	0.302	0.081	1.22E-43	CD4/8-T	1110032A03Rik
Pmm1	6.52E-48	1.82563	0.293	0.077	1.60E-43	CD4/8-T	Pmm1
Gde11	6.59E-48	1.781319	0.45	0.167	1.61E-43	CD4/8-T	Gde1
Gnas	3.68E-47	0.820873	0.964	0.811	9.02E-43	CD4/8-T	Gnas
Slc31a11	3.81E-47	1.989694	0.32	0.093	9.32E-43	CD4/8-T	Slc31a1
Usp22	2.51E-46	1.846039	0.284	0.074	6.15E-42	CD4/8-T	Usp2
Ndufa122	5.55E-46	1.218719	0.71	0.387	1.36E-41	CD4/8-T	Ndufa12
Ndufb10	7.35E-46	1.065824	0.825	0.553	1.80E-41	CD4/8-T	Ndufb10
Nr2f6	2.22E-45	1.854687	0.251	0.061	5.43E-41	CD4/8-T	Nr2f6
Trf1	4.84E-45	1.596874	0.473	0.172	1.19E-40	CD4/8-T	Trf
Acox1	5.61E-45	1.88488	0.275	0.072	1.37E-40	CD4/8-T	Acox1
Atp6v1a1	7.22E-45	1.557028	0.473	0.185	1.77E-40	CD4/8-T	Atp6v1a
Ndufa42	5.72E-44	0.992218	0.899	0.717	1.40E-39	CD4/8-T	Ndufa4
Etfb2	5.80E-44	1.291683	0.689	0.392	1.42E-39	CD4/8-T	Etfb
Metrn2	3.94E-42	1.526586	0.376	0.127	9.66E-38	CD4/8-T	Metrn
Tsen342	6.44E-42	1.670297	0.382	0.133	1.58E-37	CD4/8-T	Tsen34
Cox4i1	6.88E-42	0.675978	0.973	0.901	1.68E-37	CD4/8-T	Cox4i1
Sgk11	9.96E-42	1.185562	0.405	0.139	2.44E-37	CD4/8-T	Sgk1
Dyntl3	1.40E-41	1.709726	0.331	0.105	3.42E-37	CD4/8-T	Dyntl3
Arl4a	6.57E-41	1.502062	0.388	0.135	1.61E-36	CD4/8-T	Arl4a
Cisd12	1.44E-40	1.346508	0.494	0.207	3.52E-36	CD4/8-T	Cisd1
Ndufs52	3.27E-40	1.182017	0.74	0.454	8.02E-36	CD4/8-T	Ndufs5
Mpc11	4.03E-40	1.218509	0.678	0.388	9.87E-36	CD4/8-T	Mpc1
Rnf72	1.21E-39	1.279697	0.645	0.367	2.97E-35	CD4/8-T	Rnf7
Slc25a31	1.42E-39	0.834546	0.905	0.714	3.48E-35	CD4/8-T	Slc25a3
Acadsb	3.42E-39	1.798835	0.278	0.08	8.38E-35	CD4/8-T	Acadsb
Eno11	5.86E-39	1.075705	0.737	0.443	1.44E-34	CD4/8-T	Eno1

Smdt11	6.33E-39	0.97984	0.814	0.549	1.55E-34	CD4/8-T	Smdt1
Pomgnt1	2.66E-38	1.654033	0.26	0.073	6.52E-34	CD4/8-T	Pomgnt1
Mfge8	3.10E-38	1.733699	0.251	0.068	7.59E-34	CD4/8-T	Mfge8
Uqcr102	4.86E-38	1.042951	0.793	0.546	1.19E-33	CD4/8-T	Uqcr10
Gm424182	8.47E-38	0.628379	1	0.989	2.07E-33	CD4/8-T	Gm42418
Phyh	1.12E-37	1.414134	0.444	0.182	2.73E-33	CD4/8-T	Phyh
Selenom	1.13E-37	1.41458	0.328	0.106	2.76E-33	CD4/8-T	Selenom
Glul1	1.50E-37	0.918108	0.645	0.308	3.67E-33	CD4/8-T	Glul
Fam216a1	4.63E-37	1.754547	0.275	0.082	1.13E-32	CD4/8-T	Fam216a
Atp5o2	5.60E-37	0.906438	0.831	0.582	1.37E-32	CD4/8-T	Atp5o
Pgam13	7.80E-37	1.113542	0.686	0.4	1.91E-32	CD4/8-T	Pgam1
Atp5j3	9.07E-37	0.822937	0.911	0.73	2.22E-32	CD4/8-T	Atp5j
Tbcel	9.96E-37	1.326112	0.302	0.093	2.44E-32	CD4/8-T	Tbcel
Fth11	1.17E-36	0.534691	1	0.978	2.87E-32	CD4/8-T	Fth1
Mt12	1.52E-36	0.946759	0.583	0.265	3.72E-32	CD4/8-T	Mt1
Ndufab12	4.29E-36	1.070844	0.716	0.425	1.05E-31	CD4/8-T	Ndufab1
Ephx12	4.47E-36	1.247646	0.352	0.121	1.10E-31	CD4/8-T	Ephx1
Glrx31	6.80E-36	1.191764	0.636	0.355	1.66E-31	CD4/8-T	Glrx3
Calcoco1	1.96E-35	1.261516	0.305	0.096	4.79E-31	CD4/8-T	Calcoco1
Thra	2.13E-35	1.212551	0.284	0.085	5.21E-31	CD4/8-T	Thra
Pkm4	2.19E-35	0.876269	0.891	0.649	5.37E-31	CD4/8-T	Pkm
Hsp90aa12	2.43E-35	1.041547	0.743	0.483	5.96E-31	CD4/8-T	Hsp90aa1
Hcfc1r1	5.22E-35	1.200211	0.574	0.296	1.28E-30	CD4/8-T	Hcfc1r1
Bdh1	1.28E-34	1.517678	0.302	0.098	3.12E-30	CD4/8-T	Bdh1
Grsf1	1.54E-34	1.595993	0.322	0.111	3.77E-30	CD4/8-T	Grsf1
Bod1	1.83E-34	1.659832	0.254	0.074	4.48E-30	CD4/8-T	Bod1
Phactr21	1.85E-34	1.055211	0.408	0.159	4.53E-30	CD4/8-T	Phactr2
Acadm1	2.38E-34	1.382058	0.367	0.138	5.83E-30	CD4/8-T	Acadm
ldh21	3.09E-34	1.525983	0.402	0.164	7.57E-30	CD4/8-T	ldh2
Cbr1	4.34E-34	1.320231	0.373	0.139	1.06E-29	CD4/8-T	Cbr1
Etfa2	6.83E-34	1.162623	0.58	0.307	1.67E-29	CD4/8-T	Etfa
Uqcrq2	7.26E-34	0.861514	0.834	0.572	1.78E-29	CD4/8-T	Uqcrq
Plin3	7.32E-33	1.520974	0.281	0.091	1.79E-28	CD4/8-T	Plin3
Ltc4s1	1.55E-32	1.018581	0.32	0.107	3.80E-28	CD4/8-T	Ltc4s
Ndufb62	1.62E-32	0.961364	0.698	0.416	3.96E-28	CD4/8-T	Ndufb6
Poldip2	1.81E-32	1.688991	0.32	0.115	4.42E-28	CD4/8-T	Poldip2
Suclg1	2.61E-32	1.166759	0.527	0.258	6.40E-28	CD4/8-T	Suclg1
ldh3a2	3.76E-32	1.261127	0.512	0.256	9.20E-28	CD4/8-T	ldh3a
Akr1a11	4.54E-32	0.984388	0.778	0.511	1.11E-27	CD4/8-T	Akr1a1
Atp5d1	1.65E-31	0.685487	0.923	0.756	4.03E-27	CD4/8-T	Atp5d
Gadd45g	2.16E-31	1.086805	0.269	0.084	5.28E-27	CD4/8-T	Gadd45g
Arl2	3.40E-31	1.536551	0.322	0.118	8.32E-27	CD4/8-T	Arl2
Atp5h1	7.46E-31	0.639837	0.929	0.803	1.83E-26	CD4/8-T	Atp5h
Sdhc1	7.51E-31	1.273993	0.456	0.21	1.84E-26	CD4/8-T	Sdhc

Fam122a	2.15E-30	1.463172	0.293	0.102	5.27E-26	CD4/8-T	Fam122a
Fdx11	3.01E-30	1.284561	0.391	0.162	7.36E-26	CD4/8-T	Fdx1
Mettl92	3.37E-30	1.054461	0.476	0.22	8.24E-26	CD4/8-T	Mettl9
Sgk31	4.21E-30	1.564855	0.257	0.083	1.03E-25	CD4/8-T	Sgk3
Mycbp	4.44E-30	1.56605	0.281	0.097	1.09E-25	CD4/8-T	Mycbp
Ddb12	6.09E-30	1.167732	0.476	0.226	1.49E-25	CD4/8-T	Ddb1
Atox11	8.73E-30	0.834868	0.814	0.574	2.14E-25	CD4/8-T	Atox1
2310039HC	9.05E-30	1.204522	0.364	0.143	2.22E-25	CD4/8-T	2310039H08Rik
Sod2	2.74E-29	1.064084	0.538	0.279	6.71E-25	CD4/8-T	Sod2
Serhl1	3.05E-29	1.397224	0.32	0.12	7.47E-25	CD4/8-T	Serhl
Glo1	3.29E-29	1.103991	0.509	0.256	8.07E-25	CD4/8-T	Glo1
Gaa1	4.29E-29	1.620864	0.287	0.102	1.05E-24	CD4/8-T	Gaa
Atp5l1	4.37E-29	0.736175	0.879	0.761	1.07E-24	CD4/8-T	Atp5l
Snap47	4.52E-29	1.398378	0.284	0.099	1.11E-24	CD4/8-T	Snap47
Eif4g21	4.99E-29	0.838321	0.793	0.529	1.22E-24	CD4/8-T	Eif4g2
Prdx23	9.07E-29	0.784207	0.71	0.469	2.22E-24	CD4/8-T	Prdx2
Nudt141	1.72E-28	1.391659	0.343	0.139	4.22E-24	CD4/8-T	Nudt14
Cox7a22	4.32E-28	0.715131	0.873	0.65	1.06E-23	CD4/8-T	Cox7a2
Nbdy	4.50E-28	1.423984	0.343	0.136	1.10E-23	CD4/8-T	Nbdy
Camk2n11	4.71E-28	0.721008	0.512	0.237	1.15E-23	CD4/8-T	Camk2n1
Pgrmc1	6.30E-28	1.286559	0.388	0.169	1.54E-23	CD4/8-T	Pgrmc1
Arhgef12	8.72E-28	1.266353	0.281	0.098	2.13E-23	CD4/8-T	Arhgef12
Uqcrb1	8.73E-28	0.839576	0.787	0.573	2.14E-23	CD4/8-T	Uqcrb
Cox6c1	1.29E-27	0.683118	0.941	0.801	3.15E-23	CD4/8-T	Cox6c
Cfl2	1.87E-27	1.184048	0.346	0.137	4.57E-23	CD4/8-T	Cfl2
Atp1a11	2.26E-27	1.097298	0.562	0.323	5.53E-23	CD4/8-T	Atp1a1
Mrpl583	2.29E-27	0.973444	0.607	0.347	5.61E-23	CD4/8-T	Mrpl58
Gstm1	3.39E-27	1.219687	0.269	0.092	8.30E-23	CD4/8-T	Gstm1
Ndufc12	3.75E-27	1.023465	0.624	0.393	9.17E-23	CD4/8-T	Ndufc1
Cat	4.38E-27	1.146958	0.414	0.189	1.07E-22	CD4/8-T	Cat
Rnf11	4.78E-27	1.227275	0.364	0.151	1.17E-22	CD4/8-T	Rnf11
Atp5a12	7.64E-27	0.731054	0.831	0.621	1.87E-22	CD4/8-T	Atp5a1
Ubxn11	1.03E-26	1.002399	0.281	0.098	2.53E-22	CD4/8-T	Ubxn11
Tuba1a1	1.08E-26	0.868857	0.556	0.293	2.65E-22	CD4/8-T	Tuba1a
Acot13	1.35E-26	1.009716	0.417	0.186	3.30E-22	CD4/8-T	Acot13
Smim10l1	1.52E-26	1.026673	0.361	0.148	3.73E-22	CD4/8-T	Smim10l1
Calm32	1.81E-26	0.805851	0.746	0.505	4.43E-22	CD4/8-T	Calm3
Vdac13	1.88E-26	1.134643	0.544	0.305	4.60E-22	CD4/8-T	Vdac1
Prps21	2.91E-26	1.060813	0.373	0.159	7.13E-22	CD4/8-T	Prps2
Urod1	3.02E-26	1.163713	0.352	0.146	7.39E-22	CD4/8-T	Urod
Tceal92	7.99E-26	1.282815	0.382	0.172	1.96E-21	CD4/8-T	Tceal9
Pip5k1b	1.14E-25	0.851308	0.275	0.096	2.80E-21	CD4/8-T	Pip5k1b
Ndufb22	1.22E-25	0.984034	0.601	0.368	2.99E-21	CD4/8-T	Ndufb2
Rbm471	2.43E-25	1.274503	0.287	0.108	5.94E-21	CD4/8-T	Rbm47

Sdhaf4	2.93E-25	1.057242	0.399	0.181	7.17E-21	CD4/8-T	Sdhaf4
Nxn	3.35E-25	1.173235	0.266	0.095	8.22E-21	CD4/8-T	Nxn
Mpc2	3.85E-25	0.964139	0.633	0.397	9.44E-21	CD4/8-T	Mpc2
Stub11	4.22E-25	0.870697	0.615	0.361	1.03E-20	CD4/8-T	Stub1
Cyc12	4.92E-25	0.890975	0.654	0.402	1.20E-20	CD4/8-T	Cyc1
Smpd1	5.21E-25	1.165489	0.355	0.151	1.28E-20	CD4/8-T	Smpd1
Pgk13	5.36E-25	0.942518	0.648	0.414	1.31E-20	CD4/8-T	Pgk1
Vamp82	6.19E-25	0.713087	0.787	0.558	1.51E-20	CD4/8-T	Vamp8
Chpt1	7.68E-25	1.060308	0.278	0.102	1.88E-20	CD4/8-T	Chpt1
Pink1	7.77E-25	0.892426	0.482	0.236	1.90E-20	CD4/8-T	Pink1
Atp6v1g11	8.03E-25	0.783879	0.749	0.5	1.97E-20	CD4/8-T	Atp6v1g1
Cltb	1.08E-24	1.399737	0.393	0.183	2.64E-20	CD4/8-T	Cltb
Atp6v1e11	4.92E-24	1.091329	0.494	0.271	1.21E-19	CD4/8-T	Atp6v1e1
Ndufv22	1.13E-23	0.803193	0.689	0.439	2.76E-19	CD4/8-T	Ndufv2
Ifitm21	1.42E-23	0.416199	0.325	0.128	3.48E-19	CD4/8-T	Ifitm2
Cox7b1	1.57E-23	0.7576	0.757	0.574	3.85E-19	CD4/8-T	Cox7b
Slc25a41	1.74E-23	1.165171	0.423	0.214	4.26E-19	CD4/8-T	Slc25a4
Eci1	1.81E-23	1.047985	0.399	0.186	4.44E-19	CD4/8-T	Eci1
Alkbh7	1.82E-23	1.053938	0.299	0.118	4.45E-19	CD4/8-T	Alkbh7
Mettl261	2.06E-23	0.971171	0.423	0.203	5.05E-19	CD4/8-T	Mettl26
Psap1	2.69E-23	0.346684	0.896	0.667	6.58E-19	CD4/8-T	Psap
Syne11	3.05E-23	0.787663	0.376	0.163	7.47E-19	CD4/8-T	Syne1
mt-Nd41	3.48E-23	0.589531	0.893	0.705	8.53E-19	CD4/8-T	mt-Nd4
Ss18l2	3.59E-23	1.232766	0.266	0.1	8.80E-19	CD4/8-T	Ss18l2
Bri31	5.01E-23	0.84888	0.642	0.388	1.23E-18	CD4/8-T	Bri3
Hmgcs1	6.06E-23	1.09408	0.263	0.098	1.48E-18	CD4/8-T	Hmgcs1
Ctnna11	6.40E-23	1.155781	0.328	0.141	1.57E-18	CD4/8-T	Ctnna1
Sqstm11	7.81E-23	0.699953	0.766	0.534	1.91E-18	CD4/8-T	Sqstm1
Smim14	9.31E-23	0.836093	0.559	0.313	2.28E-18	CD4/8-T	Smim14
Mgp	1.07E-22	1.276327	0.263	0.098	2.63E-18	CD4/8-T	Mgp
Lars22	2.41E-22	0.607712	0.979	0.786	5.90E-18	CD4/8-T	Lars2
Ccdc342	2.42E-22	1.278556	0.32	0.138	5.92E-18	CD4/8-T	Ccdc34
mt-Nd21	2.47E-22	0.572424	0.917	0.765	6.04E-18	CD4/8-T	mt-Nd2
Rhoc	3.04E-22	1.098645	0.308	0.126	7.44E-18	CD4/8-T	Rhoc
Scoc1	3.73E-22	0.901112	0.34	0.146	9.15E-18	CD4/8-T	Scoc
Mif2	4.43E-22	0.473885	0.905	0.661	1.08E-17	CD4/8-T	Mif
Rfk	4.49E-22	1.001512	0.317	0.132	1.10E-17	CD4/8-T	Rfk
St3gal51	5.75E-22	1.165641	0.254	0.096	1.41E-17	CD4/8-T	St3gal5
Etfdh	6.10E-22	1.386838	0.26	0.101	1.49E-17	CD4/8-T	Etfdh
Nipsnap2	9.97E-22	0.990514	0.308	0.127	2.44E-17	CD4/8-T	Nipsnap2
Iscu1	1.04E-21	0.899839	0.607	0.377	2.55E-17	CD4/8-T	Iscu
Mrpl422	1.48E-21	0.888774	0.583	0.339	3.62E-17	CD4/8-T	Mrpl42
Cox6a12	1.61E-21	0.569212	0.846	0.652	3.95E-17	CD4/8-T	Cox6a1
Pygb	1.96E-21	0.856957	0.343	0.151	4.80E-17	CD4/8-T	Pygb

Sntb2	2.10E-21	0.727537	0.423	0.199	5.14E-17	CD4/8-T	Sntb2
Pfkp2	2.25E-21	0.761969	0.562	0.314	5.51E-17	CD4/8-T	Pfkp
Mrpl282	2.39E-21	1.16676	0.429	0.223	5.86E-17	CD4/8-T	Mrpl28
Slc25a53	3.00E-21	0.616386	0.864	0.651	7.36E-17	CD4/8-T	Slc25a5
Timm17a2	3.09E-21	0.983271	0.482	0.267	7.57E-17	CD4/8-T	Timm17a
Tmem1472	3.10E-21	1.033644	0.435	0.23	7.60E-17	CD4/8-T	Tmem147
Ndufv3	3.71E-21	0.732938	0.751	0.569	9.08E-17	CD4/8-T	Ndufv3
Emc2	3.80E-21	0.933008	0.47	0.254	9.29E-17	CD4/8-T	Emc2
Arl6ip11	4.28E-21	0.583454	0.87	0.711	1.05E-16	CD4/8-T	Arl6ip1
Hdlbp2	4.84E-21	0.996454	0.453	0.24	1.19E-16	CD4/8-T	Hdlbp
Atp5f12	6.05E-21	0.575891	0.846	0.639	1.48E-16	CD4/8-T	Atp5f1
Ahcy1	8.89E-21	0.971119	0.355	0.162	2.18E-16	CD4/8-T	Ahcy1
Galk12	1.21E-20	1.274346	0.296	0.127	2.95E-16	CD4/8-T	Galk1
Pja2	1.33E-20	0.813947	0.358	0.162	3.27E-16	CD4/8-T	Pja2
Syap1	1.51E-20	1.065108	0.296	0.124	3.70E-16	CD4/8-T	Syap1
Ndufs31	2.63E-20	0.838165	0.604	0.392	6.44E-16	CD4/8-T	Ndufs3
Cbx53	2.86E-20	1.152336	0.355	0.168	7.01E-16	CD4/8-T	Cbx5
Park71	3.06E-20	0.576125	0.802	0.588	7.48E-16	CD4/8-T	Park7
Hprt2	4.63E-20	0.9103	0.609	0.409	1.13E-15	CD4/8-T	Hprt
Alas11	5.63E-20	1.145372	0.287	0.123	1.38E-15	CD4/8-T	Alas1
Ap1s21	6.53E-20	1.031466	0.32	0.142	1.60E-15	CD4/8-T	Ap1s2
Serpinb6a2	7.56E-20	0.813549	0.438	0.223	1.85E-15	CD4/8-T	Serpinb6a
Vegfb1	8.42E-20	1.058228	0.346	0.161	2.06E-15	CD4/8-T	Vegfb
Spr	9.45E-20	0.787504	0.391	0.186	2.31E-15	CD4/8-T	Spr
Haghl	9.59E-20	1.06521	0.275	0.114	2.35E-15	CD4/8-T	Haghl
Iqsec1	1.02E-19	0.844326	0.284	0.117	2.49E-15	CD4/8-T	Iqsec1
Tpi13	1.17E-19	0.733153	0.601	0.358	2.87E-15	CD4/8-T	Tpi1
Hras2	1.37E-19	0.960631	0.408	0.21	3.35E-15	CD4/8-T	Hras
Cxxc51	1.47E-19	1.202031	0.254	0.102	3.59E-15	CD4/8-T	Cxxc5
Lamp21	1.99E-19	0.955916	0.459	0.247	4.87E-15	CD4/8-T	Lamp2
Paxx	2.12E-19	0.919708	0.364	0.172	5.19E-15	CD4/8-T	Paxx
Nudc3	2.32E-19	0.751276	0.598	0.367	5.68E-15	CD4/8-T	Nudc
Akr7a5	2.33E-19	1.190214	0.26	0.106	5.71E-15	CD4/8-T	Akr7a5
Dhrs12	4.56E-19	1.166812	0.293	0.128	1.12E-14	CD4/8-T	Dhrs1
Higd2a	5.16E-19	0.737341	0.636	0.41	1.26E-14	CD4/8-T	Higd2a
Tusc32	5.33E-19	0.929884	0.417	0.221	1.31E-14	CD4/8-T	Tusc3
Pdzd112	5.80E-19	1.006218	0.328	0.154	1.42E-14	CD4/8-T	Pdzd11
Ap2m12	5.82E-19	0.706666	0.704	0.486	1.42E-14	CD4/8-T	Ap2m1
Ubxn6	5.83E-19	0.934618	0.376	0.185	1.43E-14	CD4/8-T	Ubxn6
Pdcd61	6.53E-19	0.732173	0.604	0.376	1.60E-14	CD4/8-T	Pdcd6
Pdha11	1.02E-18	0.810989	0.423	0.219	2.49E-14	CD4/8-T	Pdha1
Aplp21	1.31E-18	0.755977	0.521	0.303	3.20E-14	CD4/8-T	Aplp2
Mlf22	1.32E-18	0.74223	0.633	0.411	3.24E-14	CD4/8-T	Mlf2
Mrpl511	1.37E-18	0.716701	0.491	0.277	3.36E-14	CD4/8-T	Mrpl51

Ndufs7	1.46E-18	0.573793	0.728	0.497	3.58E-14	CD4/8-T	Ndufs7
Mrfap12	1.80E-18	0.706604	0.648	0.424	4.42E-14	CD4/8-T	Mrfap1
Sh3bgrl4	1.96E-18	0.83598	0.444	0.238	4.80E-14	CD4/8-T	Sh3bgrl
Tmem223	2.17E-18	0.648466	0.488	0.265	5.31E-14	CD4/8-T	Tmem223
Ivd	3.28E-18	0.964194	0.272	0.116	8.04E-14	CD4/8-T	Ivd
Isyna11	3.90E-18	0.918133	0.414	0.219	9.55E-14	CD4/8-T	Isyna1
Dcaf11	4.05E-18	0.833176	0.334	0.155	9.93E-14	CD4/8-T	Dcaf11
Bex32	4.13E-18	0.962663	0.485	0.284	1.01E-13	CD4/8-T	Bex3
Got1	4.39E-18	0.883123	0.337	0.161	1.07E-13	CD4/8-T	Got1
Atp5md1	4.77E-18	0.757051	0.763	0.616	1.17E-13	CD4/8-T	Atp5md
Ndufb72	4.97E-18	0.559855	0.814	0.601	1.22E-13	CD4/8-T	Ndufb7
Ndufs62	6.88E-18	0.829458	0.556	0.346	1.68E-13	CD4/8-T	Ndufs6
Nfic1	8.18E-18	0.919027	0.328	0.156	2.00E-13	CD4/8-T	Nfic
Sdha	8.22E-18	0.665226	0.601	0.376	2.01E-13	CD4/8-T	Sdha
Dalrd3	9.15E-18	0.998334	0.251	0.104	2.24E-13	CD4/8-T	Dalrd3
Rab3ip	1.13E-17	0.840026	0.275	0.119	2.76E-13	CD4/8-T	Rab3ip
Polr2m1	1.45E-17	0.749875	0.506	0.295	3.55E-13	CD4/8-T	Polr2m
Anxa51	1.47E-17	0.728251	0.592	0.349	3.61E-13	CD4/8-T	Anxa5
Prdx13	1.49E-17	0.703165	0.808	0.604	3.65E-13	CD4/8-T	Prdx1
Odc13	1.74E-17	0.59159	0.55	0.322	4.26E-13	CD4/8-T	Odc1
Hsdl2	2.64E-17	0.945724	0.26	0.111	6.45E-13	CD4/8-T	Hsdl2
Mtx21	2.69E-17	0.997047	0.331	0.162	6.59E-13	CD4/8-T	Mtx2
Copb21	2.81E-17	0.740458	0.462	0.261	6.88E-13	CD4/8-T	Copb2
4833439L1	3.03E-17	1.098478	0.314	0.149	7.42E-13	CD4/8-T	4833439L19Rik
Elob3	3.04E-17	0.438535	0.914	0.771	7.43E-13	CD4/8-T	Elob
Ndufs1	3.13E-17	0.898717	0.331	0.161	7.67E-13	CD4/8-T	Ndufs1
Swi52	3.24E-17	0.587387	0.74	0.517	7.93E-13	CD4/8-T	Swi5
Wbp1	4.73E-17	0.803337	0.385	0.197	1.16E-12	CD4/8-T	Wbp1
Ndufc23	5.86E-17	0.713203	0.669	0.482	1.43E-12	CD4/8-T	Ndufc2
Ndufb51	7.18E-17	0.558798	0.713	0.502	1.76E-12	CD4/8-T	Ndufb5
Ndufa7	7.64E-17	0.524785	0.837	0.646	1.87E-12	CD4/8-T	Ndufa7
Sdr39u12	9.72E-17	0.816106	0.302	0.137	2.38E-12	CD4/8-T	Sdr39u1
Larp1b1	1.04E-16	0.863659	0.257	0.11	2.54E-12	CD4/8-T	Larp1b
Ndufb91	1.05E-16	0.610474	0.766	0.583	2.57E-12	CD4/8-T	Ndufb9
Pja1	1.09E-16	0.983451	0.275	0.123	2.66E-12	CD4/8-T	Pja1
Fibp	1.09E-16	0.785085	0.382	0.198	2.67E-12	CD4/8-T	Fibp
Ninj11	1.17E-16	0.829419	0.328	0.158	2.85E-12	CD4/8-T	Ninj1
Hspa91	1.30E-16	0.715315	0.456	0.25	3.17E-12	CD4/8-T	Hspa9
Abhd2	1.39E-16	0.70314	0.305	0.141	3.39E-12	CD4/8-T	Abhd2
Dynll12	1.61E-16	0.525394	0.805	0.617	3.95E-12	CD4/8-T	Dynll1
Coa3	1.72E-16	0.668895	0.589	0.382	4.21E-12	CD4/8-T	Coa3
Acat12	2.04E-16	0.792976	0.464	0.268	5.00E-12	CD4/8-T	Acat1
Abhd83	2.12E-16	0.668843	0.485	0.27	5.20E-12	CD4/8-T	Abhd8
Ndufa81	2.18E-16	0.69059	0.63	0.436	5.34E-12	CD4/8-T	Ndufa8

Eid11	2.54E-16	0.780998	0.391	0.206	6.22E-12	CD4/8-T	Eid1
Oxct12	3.69E-16	0.691587	0.488	0.281	9.04E-12	CD4/8-T	Oxct1
Lrp11	4.61E-16	0.700227	0.299	0.134	1.13E-11	CD4/8-T	Lrp1
Ogdh1	4.64E-16	0.691445	0.527	0.326	1.14E-11	CD4/8-T	Ogdh
Uqcrfs12	4.74E-16	0.712309	0.633	0.435	1.16E-11	CD4/8-T	Uqcrfs1
2300009A0	8.60E-16	0.710484	0.373	0.191	2.11E-11	CD4/8-T	2300009A05Rik
Uqcrc12	1.17E-15	0.675709	0.627	0.435	2.86E-11	CD4/8-T	Uqcrc1
Acadvl	1.31E-15	0.928202	0.322	0.162	3.21E-11	CD4/8-T	Acadvl
1500011BC	1.49E-15	0.693155	0.408	0.221	3.64E-11	CD4/8-T	1500011B03Rik
Sucla21	1.57E-15	0.840237	0.358	0.191	3.84E-11	CD4/8-T	Sucla2
Tulp4	1.67E-15	0.654847	0.325	0.158	4.09E-11	CD4/8-T	Tulp4
Atpif13	1.93E-15	0.582172	0.689	0.463	4.72E-11	CD4/8-T	Atpif1
Mocs2	1.98E-15	1.143917	0.278	0.132	4.85E-11	CD4/8-T	Mocs2
Mff	2.14E-15	0.718918	0.488	0.288	5.25E-11	CD4/8-T	Mff
Cdk5	2.17E-15	0.890775	0.29	0.138	5.32E-11	CD4/8-T	Cdk5
Vapb	2.36E-15	0.861372	0.352	0.184	5.78E-11	CD4/8-T	Vapb
Cycs2	2.93E-15	0.605798	0.669	0.471	7.18E-11	CD4/8-T	Cycs
Ndufv12	3.55E-15	0.764067	0.456	0.271	8.68E-11	CD4/8-T	Ndufv1
Atp6v1c11	4.06E-15	0.758025	0.396	0.219	9.94E-11	CD4/8-T	Atp6v1c1
Mrps331	4.57E-15	0.693749	0.592	0.402	1.12E-10	CD4/8-T	Mrps33
Unc1192	5.44E-15	0.694466	0.405	0.222	1.33E-10	CD4/8-T	Unc119
Ggh1	5.49E-15	0.794249	0.358	0.188	1.34E-10	CD4/8-T	Ggh
Plekhb2	5.68E-15	0.716665	0.322	0.161	1.39E-10	CD4/8-T	Plekhb2
Trappc2l	6.10E-15	0.640343	0.515	0.313	1.49E-10	CD4/8-T	Trappc2l
Isca21	6.10E-15	0.623557	0.423	0.239	1.49E-10	CD4/8-T	Isca2
Pkig1	6.34E-15	0.845013	0.32	0.158	1.55E-10	CD4/8-T	Pkig
Ppp1r23	7.00E-15	0.691274	0.42	0.236	1.71E-10	CD4/8-T	Ppp1r2
Cox5b2	7.27E-15	0.471657	0.873	0.734	1.78E-10	CD4/8-T	Cox5b
Lrrc581	8.59E-15	0.911763	0.299	0.146	2.10E-10	CD4/8-T	Lrrc58
mt-Atp61	8.70E-15	0.324101	0.976	0.935	2.13E-10	CD4/8-T	mt-Atp6
Rraga	9.36E-15	0.855063	0.343	0.182	2.29E-10	CD4/8-T	Rraga
Ufc12	1.01E-14	0.652234	0.553	0.345	2.48E-10	CD4/8-T	Ufc1
Mrps122	1.04E-14	0.67155	0.456	0.266	2.54E-10	CD4/8-T	Mrps12
Sec14l11	1.13E-14	1.063757	0.251	0.114	2.78E-10	CD4/8-T	Sec14l1
Grcc102	1.55E-14	0.383128	0.908	0.732	3.80E-10	CD4/8-T	Grcc10
Immt	1.58E-14	0.684379	0.435	0.249	3.87E-10	CD4/8-T	Immt
Cd2ap1	1.81E-14	0.83142	0.317	0.158	4.44E-10	CD4/8-T	Cd2ap
Ndufb82	1.98E-14	0.521751	0.71	0.502	4.85E-10	CD4/8-T	Ndufb8
Ndufb111	2.20E-14	0.486373	0.811	0.655	5.40E-10	CD4/8-T	Ndufb11
Rcn2	2.30E-14	0.668815	0.349	0.183	5.63E-10	CD4/8-T	Rcn2
Rnf101	2.49E-14	0.673998	0.447	0.259	6.11E-10	CD4/8-T	Rnf10
Hint12	2.58E-14	0.417129	0.87	0.697	6.33E-10	CD4/8-T	Hint1
Slc25a1	2.76E-14	0.943194	0.278	0.135	6.77E-10	CD4/8-T	Slc25a1
0610012G0	2.86E-14	0.715541	0.479	0.292	7.01E-10	CD4/8-T	0610012G03Rik

Morf4l22	2.88E-14	0.747477	0.376	0.206	7.05E-10	CD4/8-T	Morf4l2
Bola1	3.04E-14	0.813388	0.322	0.167	7.44E-10	CD4/8-T	Bola1
Tomm61	3.53E-14	0.408887	0.882	0.72	8.64E-10	CD4/8-T	Tomm6
Secisbp2l1	3.53E-14	0.865966	0.322	0.167	8.64E-10	CD4/8-T	Secisbp2l
Scp2	4.47E-14	0.500075	0.672	0.455	1.10E-09	CD4/8-T	Scp2
Chmp5	4.81E-14	0.60942	0.464	0.274	1.18E-09	CD4/8-T	Chmp5
Hadh	4.97E-14	0.688306	0.355	0.19	1.22E-09	CD4/8-T	Hadh
Atp5mpl1	5.37E-14	0.62062	0.71	0.548	1.32E-09	CD4/8-T	Atp5mpl
Chchd7	5.51E-14	0.604829	0.402	0.223	1.35E-09	CD4/8-T	Chchd7
Zfp1061	5.54E-14	0.752381	0.379	0.209	1.36E-09	CD4/8-T	Zfp106
Dynll22	5.73E-14	0.68877	0.435	0.252	1.40E-09	CD4/8-T	Dynll2
Asna12	5.77E-14	0.664862	0.379	0.209	1.41E-09	CD4/8-T	Asna1
Tuba4a3	6.06E-14	0.535913	0.429	0.239	1.48E-09	CD4/8-T	Tuba4a
Usp9x1	6.99E-14	0.695192	0.411	0.235	1.71E-09	CD4/8-T	Usp9x
Aco21	7.17E-14	0.741232	0.45	0.273	1.76E-09	CD4/8-T	Aco2
Bad1	8.59E-14	0.981085	0.284	0.142	2.10E-09	CD4/8-T	Bad
Dctn31	8.62E-14	0.525658	0.604	0.412	2.11E-09	CD4/8-T	Dctn3
Ptpn111	9.63E-14	0.740299	0.361	0.199	2.36E-09	CD4/8-T	Ptpn11
Pigp	9.72E-14	0.728623	0.45	0.266	2.38E-09	CD4/8-T	Pigp
Ywhae3	1.02E-13	0.51273	0.71	0.506	2.50E-09	CD4/8-T	Ywhae
Trappc6b	1.07E-13	0.550677	0.527	0.325	2.62E-09	CD4/8-T	Trappc6b
Dock9	1.08E-13	0.820792	0.251	0.116	2.63E-09	CD4/8-T	Dock9
Chp1	1.29E-13	0.653806	0.379	0.207	3.16E-09	CD4/8-T	Chp1
Ddt1	1.40E-13	0.595509	0.447	0.267	3.44E-09	CD4/8-T	Ddt
Vcp2	1.44E-13	0.601288	0.642	0.449	3.52E-09	CD4/8-T	Vcp
Mrpl531	1.47E-13	0.780721	0.358	0.198	3.59E-09	CD4/8-T	Mrpl53
Rabac12	1.55E-13	0.388311	0.825	0.617	3.79E-09	CD4/8-T	Rabac1
Pfkl2	1.82E-13	0.802176	0.32	0.167	4.47E-09	CD4/8-T	Pfkl
Paics2	1.85E-13	0.693181	0.435	0.258	4.54E-09	CD4/8-T	Paics
Gm480991	1.88E-13	0.669574	0.518	0.318	4.60E-09	CD4/8-T	Gm48099
Ascc1	3.04E-13	0.94598	0.293	0.151	7.44E-09	CD4/8-T	Ascc1
Fuca11	3.10E-13	0.794426	0.42	0.254	7.59E-09	CD4/8-T	Fuca1
Bola32	3.49E-13	0.646834	0.524	0.333	8.55E-09	CD4/8-T	Bola3
Rnf51	3.93E-13	0.688711	0.432	0.258	9.62E-09	CD4/8-T	Rnf5
Got22	3.98E-13	0.880482	0.388	0.224	9.74E-09	CD4/8-T	Got2
Mrps281	4.05E-13	0.719913	0.376	0.211	9.92E-09	CD4/8-T	Mrps28
Med251	4.16E-13	0.915684	0.29	0.149	1.02E-08	CD4/8-T	Med25
Fam92a2	4.74E-13	0.920569	0.275	0.137	1.16E-08	CD4/8-T	Fam92a
Oat2	4.88E-13	1.047309	0.296	0.155	1.19E-08	CD4/8-T	Oat
Psmc32	5.83E-13	0.60886	0.592	0.403	1.43E-08	CD4/8-T	Psmc3
Aamp1	5.92E-13	0.570807	0.521	0.332	1.45E-08	CD4/8-T	Aamp
Ndufa61	6.31E-13	0.422033	0.846	0.683	1.54E-08	CD4/8-T	Ndufa6
Cpq1	6.34E-13	0.736569	0.26	0.126	1.55E-08	CD4/8-T	Cpq
H2-Ke62	7.37E-13	0.465921	0.512	0.308	1.81E-08	CD4/8-T	H2-Ke6

Ift272	8.22E-13	0.653288	0.299	0.153	2.01E-08	CD4/8-T	Ift27
Atp6ap21	9.72E-13	0.697787	0.432	0.262	2.38E-08	CD4/8-T	Atp6ap2
Cox6b11	1.01E-12	0.404591	0.843	0.723	2.47E-08	CD4/8-T	Cox6b1
Atp6v1d	1.04E-12	0.602413	0.503	0.324	2.55E-08	CD4/8-T	Atp6v1d
Cacybp1	1.15E-12	0.570776	0.547	0.356	2.81E-08	CD4/8-T	Cacybp
Hibadh	1.47E-12	0.612535	0.334	0.182	3.60E-08	CD4/8-T	Hibadh
mt-Nd51	1.80E-12	0.490053	0.784	0.618	4.40E-08	CD4/8-T	mt-Nd5
Add31	2.09E-12	0.494534	0.462	0.277	5.11E-08	CD4/8-T	Add3
Fam162a2	2.27E-12	0.491376	0.467	0.275	5.55E-08	CD4/8-T	Fam162a
Ndufa14	2.47E-12	0.611941	0.669	0.504	6.04E-08	CD4/8-T	Ndufa1
Pttg12	2.57E-12	0.514004	0.55	0.362	6.29E-08	CD4/8-T	Pttg1
Usp32	2.65E-12	0.523565	0.302	0.155	6.49E-08	CD4/8-T	Usp32
Clpp	3.05E-12	0.613409	0.376	0.213	7.48E-08	CD4/8-T	Clpp
Sec31a	3.16E-12	0.82339	0.355	0.202	7.75E-08	CD4/8-T	Sec31a
Hsph11	3.87E-12	0.694453	0.293	0.152	9.47E-08	CD4/8-T	Hsph1
Rheb1	3.95E-12	0.528488	0.562	0.374	9.67E-08	CD4/8-T	Rheb
Hipk3	4.04E-12	0.819623	0.263	0.133	9.88E-08	CD4/8-T	Hipk3
Lrpprc	4.23E-12	0.724751	0.257	0.127	1.04E-07	CD4/8-T	Lrpprc
Gapdh3	4.30E-12	0.404561	0.891	0.756	1.05E-07	CD4/8-T	Gapdh
Hagh	4.32E-12	0.670808	0.281	0.145	1.06E-07	CD4/8-T	Hagh
Echs11	4.45E-12	0.689206	0.349	0.197	1.09E-07	CD4/8-T	Echs1
Prrc2a1	5.20E-12	0.593067	0.515	0.329	1.27E-07	CD4/8-T	Prrc2a
Laptm4a1	6.79E-12	0.506176	0.692	0.489	1.66E-07	CD4/8-T	Laptm4a
Ndufs22	6.88E-12	0.557117	0.5	0.323	1.69E-07	CD4/8-T	Ndufs2
Atp5j22	8.23E-12	0.372741	0.882	0.727	2.02E-07	CD4/8-T	Atp5j2
Gtf2i1	8.30E-12	0.297934	0.562	0.356	2.03E-07	CD4/8-T	Gtf2i
Guk1	1.00E-11	0.438724	0.444	0.264	2.46E-07	CD4/8-T	Guk1
Golph3	1.08E-11	0.582576	0.343	0.189	2.64E-07	CD4/8-T	Golph3
Ube2m2	1.13E-11	0.473573	0.639	0.443	2.76E-07	CD4/8-T	Ube2m
Ech13	1.17E-11	0.441106	0.639	0.437	2.87E-07	CD4/8-T	Ech1
Mrpl272	1.28E-11	0.598608	0.376	0.218	3.13E-07	CD4/8-T	Mrpl27
Fkbp81	1.28E-11	0.451888	0.645	0.449	3.14E-07	CD4/8-T	Fkbp8
Cops7a	1.33E-11	0.686678	0.325	0.18	3.26E-07	CD4/8-T	Cops7a
Fkbp1a2	1.40E-11	0.50326	0.719	0.533	3.42E-07	CD4/8-T	Fkbp1a
Tax1bp12	1.67E-11	0.488307	0.672	0.486	4.09E-07	CD4/8-T	Tax1bp1
Alkbh5	1.86E-11	0.729871	0.32	0.178	4.56E-07	CD4/8-T	Alkbh5
Gm19951	1.88E-11	0.471643	0.615	0.416	4.61E-07	CD4/8-T	Gm19951
Timm8b2	2.19E-11	0.599503	0.444	0.28	5.38E-07	CD4/8-T	Timm8b
Hmgn13	2.36E-11	0.41972	0.464	0.281	5.77E-07	CD4/8-T	Hmgn1
Fbxl5	2.43E-11	0.725489	0.293	0.157	5.95E-07	CD4/8-T	Fbxl5
Cops2	2.62E-11	0.551379	0.379	0.22	6.41E-07	CD4/8-T	Cops2
Csde11	2.89E-11	0.560852	0.467	0.294	7.07E-07	CD4/8-T	Csde1
Psm22	3.23E-11	0.537685	0.456	0.282	7.90E-07	CD4/8-T	Psm22
Cpe	3.32E-11	0.291515	0.284	0.142	8.12E-07	CD4/8-T	Cpe

Rexo23	3.58E-11	0.505908	0.536	0.36	8.77E-07	CD4/8-T	Rexo2
Upf3a1	3.69E-11	0.811101	0.296	0.162	9.03E-07	CD4/8-T	Upf3a
Slc25a12	4.85E-11	0.642976	0.355	0.205	1.19E-06	CD4/8-T	Slc25a12
Sod11	4.91E-11	0.703367	0.302	0.167	1.20E-06	CD4/8-T	Sod1
Acbd5	5.08E-11	0.605707	0.29	0.155	1.24E-06	CD4/8-T	Acbd5
Slc23a21	5.21E-11	0.632913	0.251	0.127	1.28E-06	CD4/8-T	Slc23a2
Tpp11	7.14E-11	0.588565	0.343	0.193	1.75E-06	CD4/8-T	Tpp1
Fbxo31	7.52E-11	0.738313	0.278	0.148	1.84E-06	CD4/8-T	Fbxo3
Timm131	8.22E-11	0.451802	0.675	0.515	2.01E-06	CD4/8-T	Timm13
Cnpy22	8.42E-11	0.58076	0.402	0.245	2.06E-06	CD4/8-T	Cnpy2
Il31ra2	8.89E-11	0.368982	0.888	0.681	2.18E-06	CD4/8-T	Il31ra
Rab2a	9.16E-11	0.350519	0.743	0.567	2.24E-06	CD4/8-T	Rab2a
Mapk9	1.01E-10	0.662667	0.299	0.165	2.47E-06	CD4/8-T	Mapk9
Ube2e32	1.09E-10	0.677161	0.293	0.16	2.67E-06	CD4/8-T	Ube2e3
Trappc6a1	1.10E-10	0.551316	0.388	0.233	2.68E-06	CD4/8-T	Trappc6a
Pafah1b21	1.23E-10	0.731307	0.287	0.158	3.01E-06	CD4/8-T	Pafah1b2
Eif2b2	1.26E-10	0.620479	0.343	0.199	3.09E-06	CD4/8-T	Eif2b2
Otub1	1.32E-10	0.478123	0.444	0.279	3.23E-06	CD4/8-T	Otub1
Top3b	1.38E-10	0.66065	0.254	0.132	3.38E-06	CD4/8-T	Top3b
Mrpl142	1.40E-10	0.519775	0.467	0.304	3.44E-06	CD4/8-T	Mrpl14
Ccdc1071	1.42E-10	0.575682	0.396	0.242	3.47E-06	CD4/8-T	Ccdc107
Mdh22	1.48E-10	0.451537	0.725	0.554	3.63E-06	CD4/8-T	Mdh2
Pef11	1.53E-10	0.64423	0.257	0.135	3.74E-06	CD4/8-T	Pef1
Hk11	1.55E-10	0.447614	0.373	0.218	3.79E-06	CD4/8-T	Hk1
Atp6v1f	1.55E-10	0.400944	0.811	0.667	3.81E-06	CD4/8-T	Atp6v1f
Samm501	1.59E-10	0.503439	0.408	0.25	3.90E-06	CD4/8-T	Samm50
Fkbp23	1.68E-10	0.441466	0.453	0.281	4.11E-06	CD4/8-T	Fkbp2
Alad2	2.18E-10	0.551046	0.305	0.17	5.35E-06	CD4/8-T	Alad
Ndufa52	2.30E-10	0.492427	0.55	0.385	5.64E-06	CD4/8-T	Ndufa5
Camk1d1	2.49E-10	0.279606	0.911	0.745	6.09E-06	CD4/8-T	Camk1d
Cdc37l1	2.95E-10	0.563063	0.317	0.179	7.23E-06	CD4/8-T	Cdc37l1
Abca2	3.27E-10	0.448677	0.257	0.132	8.01E-06	CD4/8-T	Abca2
Atp5c12	3.41E-10	0.383864	0.814	0.665	8.36E-06	CD4/8-T	Atp5c1
Atxn7l3b	3.46E-10	0.51278	0.482	0.314	8.47E-06	CD4/8-T	Atxn7l3b
Araf	3.98E-10	0.433684	0.373	0.221	9.75E-06	CD4/8-T	Araf
Tmem2563	4.02E-10	0.521181	0.5	0.336	9.83E-06	CD4/8-T	Tmem256
Usp19	4.23E-10	0.588784	0.296	0.166	1.04E-05	CD4/8-T	Usp19
Cox202	4.73E-10	0.469794	0.536	0.37	1.16E-05	CD4/8-T	Cox20
Cstb2	5.54E-10	0.432234	0.55	0.378	1.36E-05	CD4/8-T	Cstb
Gpi12	6.39E-10	0.406842	0.769	0.615	1.56E-05	CD4/8-T	Gpi1
Ndufs82	6.62E-10	0.563406	0.518	0.361	1.62E-05	CD4/8-T	Ndufs8
Sdhb2	6.66E-10	0.451751	0.68	0.494	1.63E-05	CD4/8-T	Sdhb
Egln2	6.89E-10	0.733465	0.278	0.153	1.69E-05	CD4/8-T	Egln2
Mrps252	7.08E-10	0.664062	0.266	0.145	1.73E-05	CD4/8-T	Mrps25

Ugp2	7.11E-10	0.738462	0.296	0.171	1.74E-05	CD4/8-T	Ugp2
Sdhd3	7.25E-10	0.515119	0.456	0.298	1.78E-05	CD4/8-T	Sdhd
Acyp1	7.36E-10	0.576237	0.278	0.152	1.80E-05	CD4/8-T	Acyp1
Mrps18a1	7.49E-10	0.655231	0.393	0.249	1.83E-05	CD4/8-T	Mrps18a
Anxa7	7.77E-10	0.624659	0.314	0.18	1.90E-05	CD4/8-T	Anxa7
Ssbp2	7.81E-10	0.451606	0.462	0.289	1.91E-05	CD4/8-T	Ssbp2
Npepps1	8.38E-10	0.535973	0.314	0.18	2.05E-05	CD4/8-T	Npepps
Psm122	8.57E-10	0.434144	0.414	0.263	2.10E-05	CD4/8-T	Psm122
Ndufaf81	8.63E-10	0.369297	0.444	0.278	2.11E-05	CD4/8-T	Ndufaf8
Kif5b1	8.87E-10	0.434074	0.586	0.409	2.17E-05	CD4/8-T	Kif5b
Lonp21	8.89E-10	0.316791	0.459	0.287	2.18E-05	CD4/8-T	Lonp2
Dmxl11	9.62E-10	0.668047	0.302	0.173	2.36E-05	CD4/8-T	Dmxl1
Lztl11	9.68E-10	0.475035	0.29	0.16	2.37E-05	CD4/8-T	Lztl1
Pepd1	1.02E-09	0.655293	0.281	0.159	2.50E-05	CD4/8-T	Pepd
Pcca1	1.32E-09	0.528672	0.254	0.136	3.22E-05	CD4/8-T	Pcca
Eif2b52	1.41E-09	0.753205	0.26	0.143	3.46E-05	CD4/8-T	Eif2b5
Stk11	1.42E-09	0.594508	0.308	0.177	3.48E-05	CD4/8-T	Stk11
Pnp1	1.51E-09	0.502663	0.429	0.275	3.69E-05	CD4/8-T	Pnp
Psm62	1.56E-09	0.407429	0.68	0.499	3.83E-05	CD4/8-T	Psm6
Sil11	1.59E-09	0.640905	0.254	0.136	3.89E-05	CD4/8-T	Sil1
Prpf8	1.89E-09	0.553866	0.485	0.336	4.62E-05	CD4/8-T	Prpf8
Znhit12	1.90E-09	0.542409	0.355	0.219	4.66E-05	CD4/8-T	Znhit1
Bcas21	1.97E-09	0.464047	0.556	0.384	4.82E-05	CD4/8-T	Bcas2
Rad23b1	1.98E-09	0.521684	0.426	0.277	4.85E-05	CD4/8-T	Rad23b
Smarca21	2.01E-09	0.308101	0.435	0.272	4.92E-05	CD4/8-T	Smarca2
Uqcrh2	2.12E-09	0.281193	0.899	0.805	5.19E-05	CD4/8-T	Uqcrh
Auh	2.34E-09	0.486964	0.331	0.197	5.74E-05	CD4/8-T	Auh
Phb1	2.47E-09	0.446994	0.459	0.3	6.04E-05	CD4/8-T	Phb
Psm52	2.48E-09	0.455237	0.666	0.502	6.08E-05	CD4/8-T	Psm5
Idh3b	2.49E-09	0.40844	0.547	0.38	6.09E-05	CD4/8-T	Idh3b
Elof12	2.49E-09	0.731817	0.379	0.246	6.10E-05	CD4/8-T	Elof1
Cyth21	2.52E-09	0.740138	0.26	0.143	6.18E-05	CD4/8-T	Cyth2
Dars1	2.77E-09	0.539735	0.438	0.288	6.79E-05	CD4/8-T	Dars
2-Mar	3.02E-09	0.537131	0.494	0.348	7.39E-05	CD4/8-T	2-Mar
Stoml22	3.02E-09	0.572464	0.37	0.229	7.40E-05	CD4/8-T	Stoml2
Ptges33	3.58E-09	0.443646	0.601	0.415	8.77E-05	CD4/8-T	Ptges3
Prpf192	3.93E-09	0.514359	0.391	0.248	9.62E-05	CD4/8-T	Prpf19
Hes6	4.08E-09	0.506821	0.302	0.173	9.99E-05	CD4/8-T	Hes6
Pnkd	4.15E-09	0.557138	0.382	0.242	0.000102	CD4/8-T	Pnkd
Hadhb	4.34E-09	0.424548	0.453	0.303	0.000106	CD4/8-T	Hadhb
Cpne31	4.41E-09	0.607263	0.293	0.169	0.000108	CD4/8-T	Cpne3
Ccni2	4.54E-09	0.397711	0.55	0.376	0.000111	CD4/8-T	Ccni
Tecr	4.74E-09	0.349033	0.751	0.572	0.000116	CD4/8-T	Tecr
Rad23a2	4.78E-09	0.47623	0.438	0.287	0.000117	CD4/8-T	Rad23a

Ndufa21	4.90E-09	0.347611	0.775	0.599	0.00012	CD4/8-T	Ndufa2
Fkbp43	4.95E-09	0.477444	0.447	0.291	0.000121	CD4/8-T	Fkbp4
Thumpd31	5.04E-09	0.758603	0.281	0.164	0.000123	CD4/8-T	Thumpd3
Ctnnb12	5.26E-09	0.494212	0.473	0.321	0.000129	CD4/8-T	Ctnnb1
Ghitm2	5.51E-09	0.430497	0.589	0.433	0.000135	CD4/8-T	Ghitm
Psm17	5.73E-09	0.623129	0.379	0.239	0.00014	CD4/8-T	Psm17
Cdc342	5.83E-09	0.473229	0.396	0.251	0.000143	CD4/8-T	Cdc34
Anapc132	6.18E-09	0.51086	0.396	0.253	0.000151	CD4/8-T	Anapc13
Scd2	6.91E-09	0.499147	0.254	0.14	0.000169	CD4/8-T	Scd2
Nsfl1c1	7.03E-09	0.421358	0.429	0.281	0.000172	CD4/8-T	Nsfl1c
Nudt41	7.08E-09	0.531993	0.314	0.186	0.000173	CD4/8-T	Nudt4
Eif4a22	7.18E-09	0.28817	0.58	0.397	0.000176	CD4/8-T	Eif4a2
Cand1	7.38E-09	0.587161	0.263	0.148	0.000181	CD4/8-T	Cand1
Wls2	7.41E-09	0.561275	0.281	0.16	0.000182	CD4/8-T	Wls
Nbr1	7.41E-09	0.572393	0.275	0.156	0.000182	CD4/8-T	Nbr1
Ppa22	7.96E-09	0.537065	0.254	0.14	0.000195	CD4/8-T	Ppa2
Ap1g1	8.26E-09	0.523686	0.296	0.173	0.000202	CD4/8-T	Ap1g1
Tmed101	8.37E-09	0.376365	0.618	0.442	0.000205	CD4/8-T	Tmed10
Wbp2	8.61E-09	0.524104	0.456	0.308	0.000211	CD4/8-T	Wbp2
Mrpl38	8.75E-09	0.543725	0.275	0.155	0.000214	CD4/8-T	Mrpl38
Spag71	8.87E-09	0.594751	0.352	0.221	0.000217	CD4/8-T	Spag7
Cfap201	9.34E-09	0.566021	0.284	0.166	0.000229	CD4/8-T	Cfap20
Puf602	9.44E-09	0.33113	0.639	0.462	0.000231	CD4/8-T	Puf60
Anxa11	1.13E-08	0.466741	0.464	0.316	0.000277	CD4/8-T	Anxa11
Hadha1	1.19E-08	0.406949	0.382	0.243	0.000292	CD4/8-T	Hadha
Psmc52	1.23E-08	0.464408	0.47	0.327	0.000301	CD4/8-T	Psmc5
Ccng11	1.26E-08	0.394412	0.456	0.299	0.000308	CD4/8-T	Ccng1
Immp11	1.30E-08	0.33365	0.42	0.269	0.000319	CD4/8-T	Immp11
Ppm1a	1.31E-08	0.61049	0.281	0.165	0.000321	CD4/8-T	Ppm1a
Fars2	1.54E-08	0.329849	0.37	0.23	0.000377	CD4/8-T	Fars2
Ppp5c	1.60E-08	0.640134	0.314	0.192	0.000392	CD4/8-T	Ppp5c
Paf1	1.62E-08	0.470351	0.296	0.173	0.000396	CD4/8-T	Paf1
Nisch1	1.62E-08	0.2561	0.432	0.275	0.000397	CD4/8-T	Nisch
Ift201	1.82E-08	0.539367	0.438	0.297	0.000446	CD4/8-T	Ift20
Fam174a1	1.91E-08	0.503881	0.355	0.222	0.000468	CD4/8-T	Fam174a
Rnf181	1.99E-08	0.423162	0.361	0.227	0.000488	CD4/8-T	Rnf181
Stip12	2.00E-08	0.54689	0.376	0.244	0.000489	CD4/8-T	Stip1
Zmat21	2.02E-08	0.387534	0.482	0.33	0.000495	CD4/8-T	Zmat2
Romo11	2.05E-08	0.505739	0.524	0.387	0.000501	CD4/8-T	Romo1
Arhgap51	2.06E-08	0.475572	0.278	0.158	0.000505	CD4/8-T	Arhgap5
Ccs	2.31E-08	0.526658	0.296	0.177	0.000565	CD4/8-T	Ccs
Irak1	2.37E-08	0.583429	0.299	0.181	0.000579	CD4/8-T	Irak1
Pam161	2.39E-08	0.530299	0.396	0.262	0.000586	CD4/8-T	Pam16
Sdcbp2	2.45E-08	0.388116	0.595	0.43	0.0006	CD4/8-T	Sdcbp

Adh51	2.57E-08	0.449924	0.45	0.307	0.000629	CD4/8-T	Adh5
Mrpl22	2.64E-08	0.533937	0.314	0.192	0.000647	CD4/8-T	Mrpl22
Smim41	2.65E-08	0.309901	0.337	0.204	0.00065	CD4/8-T	Smim4
Atp6v1b21	2.82E-08	0.459868	0.37	0.235	0.000691	CD4/8-T	Atp6v1b2
Tmem208	2.89E-08	0.471425	0.453	0.306	0.000707	CD4/8-T	Tmem208
Cox141	3.10E-08	0.333166	0.577	0.414	0.00076	CD4/8-T	Cox14
Pdlim5	3.13E-08	0.35988	0.293	0.17	0.000767	CD4/8-T	Pdlim5
Psm62	3.29E-08	0.495024	0.393	0.256	0.000807	CD4/8-T	Psm6
Mrpl173	3.31E-08	0.531846	0.399	0.269	0.00081	CD4/8-T	Mrpl17
Rab1a1	3.37E-08	0.434248	0.42	0.283	0.000826	CD4/8-T	Rab1a
Dctn1	3.40E-08	0.610843	0.269	0.158	0.000832	CD4/8-T	Dctn1
Pgp1	3.66E-08	0.655008	0.358	0.229	0.000897	CD4/8-T	Pgp
Higd1a2	3.66E-08	0.326477	0.577	0.418	0.000897	CD4/8-T	Higd1a
Atp6v1h	3.72E-08	0.469692	0.355	0.223	0.00091	CD4/8-T	Atp6v1h
Sf3b21	3.74E-08	0.355823	0.692	0.529	0.000916	CD4/8-T	Sf3b2
Anapc111	3.77E-08	0.351126	0.648	0.457	0.000922	CD4/8-T	Anapc11
Drap11	3.87E-08	0.40955	0.621	0.482	0.000948	CD4/8-T	Drap1
Eif3c2	3.89E-08	0.323328	0.651	0.465	0.000952	CD4/8-T	Eif3c
Gabarap2	3.95E-08	0.366709	0.82	0.677	0.000968	CD4/8-T	Gabarap
Zc3h14	4.02E-08	0.482491	0.337	0.206	0.000985	CD4/8-T	Zc3h14
Hsbp11	4.48E-08	0.396166	0.568	0.41	0.001098	CD4/8-T	Hsbp1
Mrpl572	4.72E-08	0.344065	0.562	0.4	0.001156	CD4/8-T	Mrpl57
Ndufa91	4.74E-08	0.426675	0.382	0.245	0.001161	CD4/8-T	Ndufa9
Letm11	5.09E-08	0.470199	0.34	0.212	0.001247	CD4/8-T	Letm1
Mpnd1	5.17E-08	0.441316	0.322	0.198	0.001266	CD4/8-T	Mpnd
Cdv32	5.48E-08	0.534123	0.337	0.216	0.001343	CD4/8-T	Cdv3
Efcab14	5.82E-08	0.417166	0.281	0.165	0.001426	CD4/8-T	Efcab14
Txnrd11	5.96E-08	0.483913	0.337	0.211	0.00146	CD4/8-T	Txnrd1
Mrps35	6.19E-08	0.515583	0.32	0.197	0.001515	CD4/8-T	Mrps35
Rnh11	6.45E-08	0.376821	0.497	0.348	0.001578	CD4/8-T	Rnh1
Hspbp11	6.63E-08	0.331715	0.299	0.179	0.001623	CD4/8-T	Hspbp1
Txndc151	6.64E-08	0.464046	0.325	0.2	0.001625	CD4/8-T	Txndc15
mt-Nd11	6.94E-08	0.368187	0.882	0.768	0.0017	CD4/8-T	mt-Nd1
Tmem59	7.22E-08	0.321199	0.74	0.593	0.001768	CD4/8-T	Tmem59
Ncoa41	7.67E-08	0.47171	0.257	0.149	0.001878	CD4/8-T	Ncoa4
Sfr12	7.77E-08	0.300112	0.53	0.365	0.001903	CD4/8-T	Sfr1
Gars2	8.10E-08	0.481603	0.411	0.276	0.001983	CD4/8-T	Gars
Mtfr1l	8.35E-08	0.419318	0.349	0.219	0.002045	CD4/8-T	Mtfr1l
Commd6	9.07E-08	0.476972	0.385	0.255	0.002221	CD4/8-T	Commd6
Fdps3	9.44E-08	0.466156	0.269	0.158	0.002312	CD4/8-T	Fdps
Aurkaip12	1.03E-07	0.312303	0.607	0.435	0.00252	CD4/8-T	Aurkaip1
Fam120a1	1.15E-07	0.351353	0.37	0.239	0.002813	CD4/8-T	Fam120a
Ndufaf3	1.20E-07	0.529123	0.325	0.207	0.002939	CD4/8-T	Ndufaf3
Pdhh	1.26E-07	0.503202	0.37	0.246	0.003074	CD4/8-T	Pdhh

Hspa41	1.27E-07	0.374692	0.547	0.4	0.003103	CD4/8-T	Hspa4
Gm155641	1.28E-07	0.528639	0.408	0.27	0.003128	CD4/8-T	Gm15564
Lrpap11	1.30E-07	0.522084	0.343	0.222	0.003193	CD4/8-T	Lrpap1
Cltc1	1.32E-07	0.381841	0.497	0.349	0.003233	CD4/8-T	Cltc
Fastk1	1.32E-07	0.600884	0.251	0.148	0.003235	CD4/8-T	Fastk
Zrsr2	1.35E-07	0.433295	0.311	0.191	0.003316	CD4/8-T	Zrsr2
Zmynd111	1.36E-07	0.278429	0.447	0.293	0.003323	CD4/8-T	Zmynd11
Cct6a2	1.36E-07	0.43934	0.432	0.293	0.003324	CD4/8-T	Cct6a
Ttc3	1.36E-07	0.292709	0.352	0.221	0.003334	CD4/8-T	Ttc3
Churc12	1.38E-07	0.297961	0.509	0.355	0.003371	CD4/8-T	Churc1
Hax11	1.43E-07	0.433355	0.278	0.166	0.003497	CD4/8-T	Hax1
Ndufs4	1.45E-07	0.281567	0.607	0.444	0.003553	CD4/8-T	Ndufs4
mt-Nd4l1	1.54E-07	0.285194	0.917	0.801	0.003778	CD4/8-T	mt-Nd4l
Mrpl411	1.60E-07	0.429732	0.373	0.242	0.003927	CD4/8-T	Mrpl41
Zfand61	1.63E-07	0.318186	0.503	0.349	0.003983	CD4/8-T	Zfand6
Tvp23b	1.67E-07	0.465499	0.266	0.157	0.004085	CD4/8-T	Tvp23b
Mrpl122	1.72E-07	0.404543	0.473	0.324	0.004208	CD4/8-T	Mrpl12
Ergic31	1.75E-07	0.49187	0.476	0.343	0.004287	CD4/8-T	Ergic3
Glr52	1.77E-07	0.403987	0.447	0.306	0.004343	CD4/8-T	Glr5
Ndufa131	1.78E-07	0.256031	0.84	0.742	0.004361	CD4/8-T	Ndufa13
Hdgfl21	1.79E-07	0.397667	0.325	0.205	0.004393	CD4/8-T	Hdgfl2
Cuta1	2.04E-07	0.260148	0.648	0.479	0.004984	CD4/8-T	Cuta
Mrpl342	2.20E-07	0.34244	0.42	0.279	0.005386	CD4/8-T	Mrpl34
Dld	2.26E-07	0.714669	0.257	0.156	0.005528	CD4/8-T	Dld
Tmf1	2.32E-07	0.498494	0.29	0.179	0.005683	CD4/8-T	Tmf1
Mprip	2.34E-07	0.270894	0.32	0.197	0.005734	CD4/8-T	Mprip
Efr3a1	2.40E-07	0.319801	0.441	0.294	0.005886	CD4/8-T	Efr3a
Ube2k	2.45E-07	0.295516	0.482	0.334	0.006001	CD4/8-T	Ube2k
Pole42	2.50E-07	0.286441	0.55	0.387	0.006128	CD4/8-T	Pole4
Tpgs1	2.53E-07	0.681398	0.257	0.157	0.006195	CD4/8-T	Tpgs1
Micos131	2.57E-07	0.357246	0.624	0.474	0.006298	CD4/8-T	Micos13
Slk2	2.60E-07	0.472139	0.322	0.202	0.006368	CD4/8-T	Slk
Nedd81	2.62E-07	0.295882	0.746	0.589	0.006416	CD4/8-T	Nedd8
Txn12	2.75E-07	0.399539	0.506	0.352	0.00674	CD4/8-T	Txn1
Slc25a11	2.83E-07	0.366802	0.447	0.305	0.006935	CD4/8-T	Slc25a11
Coa6	2.98E-07	0.658862	0.266	0.161	0.007303	CD4/8-T	Coa6
Smim8	3.16E-07	0.57123	0.266	0.161	0.007729	CD4/8-T	Smim8
Smarca42	3.24E-07	0.348819	0.411	0.282	0.007945	CD4/8-T	Smarca4
Qdpr1	3.29E-07	0.344748	0.393	0.261	0.008057	CD4/8-T	Qdpr
Naa382	3.29E-07	0.467385	0.473	0.331	0.008069	CD4/8-T	Naa38
Mrpl202	3.35E-07	0.396093	0.515	0.374	0.008195	CD4/8-T	Mrpl20
Morf4l1	3.37E-07	0.293776	0.787	0.638	0.008253	CD4/8-T	Morf4l1
ltpr11	3.62E-07	0.327918	0.42	0.277	0.008863	CD4/8-T	ltpr1
Naxd	3.63E-07	0.506695	0.299	0.187	0.008894	CD4/8-T	Naxd

Fmc11	3.85E-07	0.376064	0.343	0.22	0.009422	CD4/8-T	Fmc1
Vps352	3.99E-07	0.506187	0.308	0.195	0.00977	CD4/8-T	Vps35
Pmpcb	4.05E-07	0.470395	0.293	0.182	0.009925	CD4/8-T	Pmpcb
Emc41	4.17E-07	0.296228	0.373	0.244	0.010213	CD4/8-T	Emc4
Eri31	4.50E-07	0.465053	0.287	0.178	0.011008	CD4/8-T	Eri3
Rex1bd1	4.52E-07	0.256689	0.524	0.369	0.011071	CD4/8-T	Rex1bd
Map2k2	4.86E-07	0.307979	0.592	0.445	0.011903	CD4/8-T	Map2k2
Ube2z	5.34E-07	0.684484	0.269	0.165	0.013087	CD4/8-T	Ube2z
R3hdm21	5.54E-07	0.559694	0.305	0.194	0.013575	CD4/8-T	R3hdm2
St131	5.66E-07	0.460761	0.391	0.268	0.013873	CD4/8-T	St13
Ccdc1242	6.51E-07	0.259	0.462	0.314	0.015939	CD4/8-T	Ccdc124
Gtf2h52	6.66E-07	0.498366	0.476	0.35	0.016309	CD4/8-T	Gtf2h5
Srp142	6.71E-07	0.306809	0.683	0.547	0.016423	CD4/8-T	Srp14
Mrpl25	6.85E-07	0.575689	0.281	0.175	0.016766	CD4/8-T	Mrpl2
Ppp1r111	7.27E-07	0.294055	0.541	0.385	0.017795	CD4/8-T	Ppp1r11
Copg1	7.38E-07	0.514648	0.308	0.197	0.01807	CD4/8-T	Copg1
Rab24	8.29E-07	0.393496	0.355	0.234	0.02031	CD4/8-T	Rab24
Slain2	8.31E-07	0.419142	0.266	0.162	0.020342	CD4/8-T	Slain2
Psmc42	8.85E-07	0.297667	0.456	0.315	0.021682	CD4/8-T	Psmc4
Psmb72	8.90E-07	0.489272	0.355	0.237	0.021799	CD4/8-T	Psmb7
Mdm2	9.47E-07	0.370618	0.331	0.217	0.023191	CD4/8-T	Mdm2
Dynlrb12	9.76E-07	0.322212	0.589	0.444	0.023894	CD4/8-T	Dynlrb1
B3gat31	1.01E-06	0.291442	0.349	0.228	0.024849	CD4/8-T	B3gat3
Atp6v0d11	1.02E-06	0.287649	0.423	0.289	0.024891	CD4/8-T	Atp6v0d1
Ncor21	1.12E-06	0.38671	0.325	0.21	0.027355	CD4/8-T	Ncor2
Polr2k1	1.15E-06	0.325534	0.408	0.278	0.028122	CD4/8-T	Polr2k
Tuba1c2	1.15E-06	0.375546	0.305	0.193	0.028265	CD4/8-T	Tuba1c
Eny22	1.17E-06	0.306184	0.444	0.311	0.028531	CD4/8-T	Eny2
Ndufb3	1.19E-06	0.315588	0.574	0.433	0.029117	CD4/8-T	Ndufb3
Ptms2	1.19E-06	0.272434	0.515	0.354	0.029181	CD4/8-T	Ptms
Azin12	1.29E-06	0.529894	0.269	0.168	0.03167	CD4/8-T	Azin1
Supt6	1.34E-06	0.369316	0.325	0.212	0.032707	CD4/8-T	Supt6
Pdcd52	1.37E-06	0.309527	0.586	0.442	0.033564	CD4/8-T	Pdcd5
Emc61	1.37E-06	0.344009	0.479	0.338	0.033582	CD4/8-T	Emc6
Mrpl132	1.41E-06	0.368787	0.314	0.202	0.034581	CD4/8-T	Mrpl13
Uqcrc21	1.53E-06	0.445354	0.506	0.381	0.037445	CD4/8-T	Uqcrc2
Ptpmt11	1.59E-06	0.381989	0.287	0.18	0.039047	CD4/8-T	Ptpmt1
Mat2b1	1.61E-06	0.304797	0.5	0.357	0.039521	CD4/8-T	Mat2b
BC005537	1.69E-06	0.366359	0.302	0.193	0.041421	CD4/8-T	BC005537
Cops51	1.69E-06	0.506845	0.32	0.213	0.041441	CD4/8-T	Cops5
Psmd82	1.82E-06	0.250637	0.598	0.427	0.044691	CD4/8-T	Psmd8
Add12	1.87E-06	0.391037	0.441	0.315	0.045827	CD4/8-T	Add1
Cenpb2	1.94E-06	0.511143	0.29	0.185	0.047553	CD4/8-T	Cenpb
Mtpn2	1.95E-06	0.438015	0.37	0.253	0.047846	CD4/8-T	Mtpn

Pin12	1.97E-06	0.38117	0.364	0.247	0.048152	CD4/8-T	Pin1
Rnf14	2.21E-06	0.385402	0.331	0.217	0.054156	CD4/8-T	Rnf14
Pgls1	2.24E-06	0.254616	0.642	0.473	0.054771	CD4/8-T	Pgls
AY0361182	2.24E-06	0.29964	0.935	0.831	0.054788	CD4/8-T	AY036118
Serinc11	2.45E-06	0.318039	0.352	0.235	0.059918	CD4/8-T	Serinc1
Polr2e3	2.50E-06	0.292424	0.518	0.374	0.061259	CD4/8-T	Polr2e
Vdac22	2.55E-06	0.349613	0.645	0.506	0.062451	CD4/8-T	Vdac2
Cyb5r31	2.55E-06	0.400546	0.284	0.18	0.062562	CD4/8-T	Cyb5r3
Naxe1	2.74E-06	0.365092	0.402	0.285	0.067135	CD4/8-T	Naxe
Pcbp12	2.98E-06	0.259164	0.76	0.603	0.073039	CD4/8-T	Pcbp1
Acp12	3.00E-06	0.399619	0.352	0.237	0.073528	CD4/8-T	Acp1
Bag61	3.08E-06	0.413315	0.311	0.205	0.075516	CD4/8-T	Bag6
Rchy12	3.10E-06	0.318569	0.432	0.303	0.07583	CD4/8-T	Rchy1
Impa11	3.16E-06	0.347633	0.322	0.211	0.07745	CD4/8-T	Impa1
Dnlz1	3.24E-06	0.383812	0.254	0.157	0.079336	CD4/8-T	Dnlz
Uba12	3.30E-06	0.27294	0.464	0.33	0.080793	CD4/8-T	Uba1
Ube3a1	3.31E-06	0.282007	0.444	0.312	0.081011	CD4/8-T	Ube3a
Creb31	3.38E-06	0.350681	0.293	0.189	0.082808	CD4/8-T	Creb3
Gatd3a	3.38E-06	0.37941	0.334	0.219	0.082852	CD4/8-T	Gatd3a
Tpm1	3.43E-06	0.406616	0.293	0.186	0.084108	CD4/8-T	Tpm1
Tkt3	3.93E-06	0.269059	0.615	0.448	0.096198	CD4/8-T	Tkt
Acadl1	4.00E-06	0.365535	0.429	0.307	0.098059	CD4/8-T	Acadl
Smarca52	4.10E-06	0.345939	0.479	0.351	0.100497	CD4/8-T	Smarca5
Dpy302	4.21E-06	0.361325	0.42	0.294	0.103107	CD4/8-T	Dpy30
Rtn42	4.44E-06	0.310179	0.503	0.366	0.108647	CD4/8-T	Rtn4
Gabarapl21	4.52E-06	0.251691	0.728	0.598	0.110581	CD4/8-T	Gabarapl2
Cct72	4.65E-06	0.275767	0.595	0.442	0.113967	CD4/8-T	Cct7
Tsg101	4.79E-06	0.366797	0.314	0.209	0.117193	CD4/8-T	Tsg101
Med291	4.83E-06	0.506118	0.278	0.179	0.118298	CD4/8-T	Med29
Cetn21	5.10E-06	0.264127	0.355	0.241	0.124791	CD4/8-T	Cetn2
Hsd17b101	5.30E-06	0.30262	0.396	0.277	0.129868	CD4/8-T	Hsd17b10
2610507B1	5.80E-06	0.438271	0.266	0.17	0.142006	CD4/8-T	2610507B1Rik
Htatsf12	5.86E-06	0.510393	0.263	0.169	0.143488	CD4/8-T	Htatsf1
Cops62	5.98E-06	0.295235	0.497	0.365	0.146528	CD4/8-T	Cops6
Commd13	6.13E-06	0.434437	0.373	0.262	0.150104	CD4/8-T	Commd1
ldh3g2	6.58E-06	0.319521	0.34	0.231	0.161102	CD4/8-T	ldh3g
Chmp3	7.06E-06	0.327679	0.367	0.253	0.172953	CD4/8-T	Chmp3
Arl6ip41	7.12E-06	0.289285	0.417	0.289	0.174461	CD4/8-T	Arl6ip4
Prdx31	8.79E-06	0.325134	0.367	0.255	0.215202	CD4/8-T	Prdx3
Cyhr1	9.64E-06	0.380635	0.322	0.218	0.236081	CD4/8-T	Cyhr1
Fgfr21	9.68E-06	0.385456	0.269	0.174	0.237039	CD4/8-T	Fgfr2
Stau11	9.78E-06	0.585633	0.266	0.173	0.239394	CD4/8-T	Stau1
Cs2	1.04E-05	0.323323	0.391	0.275	0.254657	CD4/8-T	Cs
Tmem60	1.06E-05	0.323604	0.278	0.18	0.258617	CD4/8-T	Tmem60

Cuedc22	1.09E-05	0.421818	0.358	0.248	0.267643	CD4/8-T	Cuedc2
Usp81	1.13E-05	0.430769	0.299	0.197	0.276067	CD4/8-T	Usp8
Vkorc12	1.18E-05	0.275241	0.34	0.23	0.290089	CD4/8-T	Vkorc1
Cul5	1.23E-05	0.509366	0.251	0.164	0.300622	CD4/8-T	Cul5
Setd32	1.23E-05	0.270179	0.379	0.263	0.301503	CD4/8-T	Setd3
Tcp12	1.24E-05	0.27907	0.536	0.393	0.304349	CD4/8-T	Tcp1
Fh13	1.25E-05	0.43949	0.272	0.179	0.306405	CD4/8-T	Fh1
Mbd32	1.30E-05	0.285761	0.42	0.301	0.318256	CD4/8-T	Mbd3
Fam53a	1.35E-05	0.393847	0.269	0.175	0.330846	CD4/8-T	Fam53a
Trappc3	1.39E-05	0.408531	0.328	0.227	0.339562	CD4/8-T	Trappc3
Itgb1bp11	1.45E-05	0.398568	0.284	0.187	0.353939	CD4/8-T	Itgb1bp1
Bloc1s11	1.52E-05	0.258848	0.482	0.355	0.372506	CD4/8-T	Bloc1s1
Hipk1	1.56E-05	0.255834	0.37	0.256	0.381463	CD4/8-T	Hipk1
Mrpl112	1.56E-05	0.379538	0.296	0.198	0.381696	CD4/8-T	Mrpl11
Ppp2r1a1	1.61E-05	0.274793	0.488	0.361	0.394954	CD4/8-T	Ppp2r1a
Acaa1a	1.65E-05	0.309378	0.379	0.271	0.404444	CD4/8-T	Acaa1a
Ddx3x1	1.66E-05	0.437698	0.317	0.218	0.405888	CD4/8-T	Ddx3x
Eci21	1.69E-05	0.402378	0.266	0.175	0.413712	CD4/8-T	Eci2
Rab6a	1.69E-05	0.356212	0.287	0.189	0.413931	CD4/8-T	Rab6a
Mphosph8	1.88E-05	0.292369	0.314	0.21	0.459406	CD4/8-T	Mphosph8
Mar-51	2.06E-05	0.32593	0.346	0.239	0.505539	CD4/8-T	5-Mar
Smim7	2.10E-05	0.393749	0.293	0.199	0.514094	CD4/8-T	Smim7
Fnta	2.28E-05	0.366413	0.331	0.226	0.557874	CD4/8-T	Fnta
Cpsf3	2.36E-05	0.446713	0.32	0.223	0.578062	CD4/8-T	Cpsf3
Nae1	2.45E-05	0.259568	0.272	0.177	0.601174	CD4/8-T	Nae1
Smim19	2.63E-05	0.34965	0.278	0.185	0.643655	CD4/8-T	Smim19
Rabep11	2.63E-05	0.348926	0.317	0.217	0.644189	CD4/8-T	Rabep1
Tmem106b	2.63E-05	0.414597	0.251	0.163	0.645237	CD4/8-T	Tmem106b
Baz1b2	2.65E-05	0.436417	0.367	0.261	0.647785	CD4/8-T	Baz1b
Eif4e31	2.65E-05	0.368712	0.26	0.169	0.648191	CD4/8-T	Eif4e3
Rab18	2.71E-05	0.325465	0.337	0.235	0.662751	CD4/8-T	Rab18
Psmd92	2.75E-05	0.34641	0.272	0.181	0.674072	CD4/8-T	Psmd9
Apeh	2.77E-05	0.5762	0.275	0.187	0.678927	CD4/8-T	Apeh
Uso1	2.99E-05	0.415966	0.251	0.166	0.732554	CD4/8-T	Uso1
Mtch22	3.04E-05	0.252901	0.423	0.308	0.743451	CD4/8-T	Mtch2
Sap30l	3.21E-05	0.32002	0.308	0.21	0.786871	CD4/8-T	Sap30l
Sumo33	3.31E-05	0.397088	0.299	0.206	0.810369	CD4/8-T	Sumo3
Imp31	3.33E-05	0.286146	0.441	0.322	0.815175	CD4/8-T	Imp3
Adrm1	3.42E-05	0.492827	0.337	0.238	0.836717	CD4/8-T	Adrm1
Ap3d11	3.54E-05	0.421838	0.254	0.168	0.86719	CD4/8-T	Ap3d1
Sytl2	3.72E-05	0.255312	0.272	0.176	0.912108	CD4/8-T	Sytl2
Vdac32	3.85E-05	0.34936	0.435	0.319	0.943353	CD4/8-T	Vdac3
Adipor11	4.31E-05	0.254	0.473	0.354	1	CD4/8-T	Adipor1
Ten1	4.38E-05	0.306046	0.32	0.224	1	CD4/8-T	Ten1

Wbp41	4.39E-05	0.255645	0.325	0.225	1 CD4/8-T	Wbp4
Tomm70a1	4.85E-05	0.34233	0.325	0.227	1 CD4/8-T	Tomm70a
Atraid1	4.86E-05	0.303409	0.325	0.227	1 CD4/8-T	Atraid
Copz1	5.04E-05	0.283551	0.405	0.296	1 CD4/8-T	Copz1
Dtx3	5.35E-05	0.258422	0.29	0.194	1 CD4/8-T	Dtx3
Tex2641	5.91E-05	0.261722	0.293	0.197	1 CD4/8-T	Tex264
Spop2	6.36E-05	0.255842	0.464	0.343	1 CD4/8-T	Spop
Usp4	6.47E-05	0.451615	0.296	0.207	1 CD4/8-T	Usp4
Pfdn12	6.49E-05	0.254845	0.432	0.318	1 CD4/8-T	Pfdn1
Tpd52l2	7.48E-05	0.425655	0.299	0.212	1 CD4/8-T	Tpd52l2
Ubqln1	7.94E-05	0.44637	0.266	0.184	1 CD4/8-T	Ubqln1
Rfc13	8.10E-05	0.392148	0.269	0.183	1 CD4/8-T	Rfc1
Psmc22	9.99E-05	0.27298	0.405	0.297	1 CD4/8-T	Psmc2
Ei24	0.0001	0.414646	0.263	0.181	1 CD4/8-T	Ei24
Mrpl552	0.000107	0.410958	0.257	0.174	1 CD4/8-T	Mrpl55
Gspt13	0.00011	0.302015	0.411	0.308	1 CD4/8-T	Gspt1
Vps292	0.000112	0.290191	0.515	0.382	1 CD4/8-T	Vps29
Rpp25l1	0.000113	0.37056	0.275	0.19	1 CD4/8-T	Rpp25l
Napa	0.000116	0.263949	0.42	0.317	1 CD4/8-T	Napa
Ywhaq2	0.000118	0.312142	0.352	0.252	1 CD4/8-T	Ywhaq
Cops8	0.000129	0.45605	0.263	0.183	1 CD4/8-T	Cops8
Cib11	0.00013	0.254635	0.367	0.267	1 CD4/8-T	Cib1
Ppa12	0.000131	0.341756	0.29	0.201	1 CD4/8-T	Ppa1
Mrpl48	0.000131	0.600152	0.251	0.174	1 CD4/8-T	Mrpl48
Golga4	0.000138	0.465068	0.266	0.184	1 CD4/8-T	Golga4
Usf2	0.00015	0.300487	0.325	0.233	1 CD4/8-T	Usf2
Kdm1a1	0.000152	0.25863	0.331	0.237	1 CD4/8-T	Kdm1a
Smim12	0.000177	0.339784	0.296	0.205	1 CD4/8-T	Smim12
Farsb1	0.000182	0.43201	0.26	0.18	1 CD4/8-T	Farsb
2310009A0	0.000191	0.383222	0.269	0.188	1 CD4/8-T	2310009A05Rik
Usp16	0.000202	0.354136	0.266	0.183	1 CD4/8-T	Usp16
Prpf6	0.000211	0.365584	0.275	0.193	1 CD4/8-T	Prpf6
Nptn3	0.00023	0.305003	0.503	0.393	1 CD4/8-T	Nptn
Gsk3a1	0.000235	0.272612	0.34	0.248	1 CD4/8-T	Gsk3a
Glod42	0.000239	0.265834	0.293	0.207	1 CD4/8-T	Glod4
Thap7	0.000249	0.30485	0.251	0.173	1 CD4/8-T	Thap7
Eif2s3x1	0.000274	0.314662	0.299	0.211	1 CD4/8-T	Eif2s3x
Ndufb4	0.000275	0.250091	0.601	0.485	1 CD4/8-T	Ndufb4
Keap11	0.000289	0.263605	0.305	0.218	1 CD4/8-T	Keap1
Stk16	0.000311	0.406503	0.272	0.193	1 CD4/8-T	Stk16
Mrps71	0.000329	0.3443	0.314	0.223	1 CD4/8-T	Mrps7
Tfg	0.000376	0.270726	0.296	0.211	1 CD4/8-T	Tfg
Smad4	0.000388	0.31706	0.257	0.18	1 CD4/8-T	Smad4
Dlst1	0.000424	0.338852	0.269	0.191	1 CD4/8-T	Dlst

Yme1l1	0.00044	0.267473	0.302	0.219	1 CD4/8-T	Yme1l1
Ccnq	0.000451	0.306312	0.26	0.182	1 CD4/8-T	Ccnq
Vezf1	0.000456	0.458841	0.269	0.191	1 CD4/8-T	Vezf1
Kpna1	0.000463	0.276375	0.272	0.192	1 CD4/8-T	Kpna1
Rab11a1	0.000491	0.251382	0.435	0.339	1 CD4/8-T	Rab11a
Pigk1	0.000495	0.324362	0.275	0.197	1 CD4/8-T	Pigk
Xrn1	0.000504	0.354065	0.308	0.223	1 CD4/8-T	Xrn1
Trim33	0.000526	0.322034	0.266	0.189	1 CD4/8-T	Trim33
Nsun21	0.000549	0.35579	0.284	0.206	1 CD4/8-T	Nsun2
Dync1i2	0.000639	0.258137	0.311	0.23	1 CD4/8-T	Dync1i2
Flii	0.000674	0.257602	0.358	0.272	1 CD4/8-T	Flii
Cops32	0.000678	0.407943	0.269	0.196	1 CD4/8-T	Cops3
Kat2b	0.000688	0.316422	0.263	0.187	1 CD4/8-T	Kat2b
Lage32	0.00072	0.314368	0.308	0.227	1 CD4/8-T	Lage3
Cetn32	0.000734	0.313741	0.396	0.302	1 CD4/8-T	Cetn3
Ywhag1	0.000792	0.333091	0.302	0.223	1 CD4/8-T	Ywhag
Hdac22	0.000925	0.262176	0.278	0.199	1 CD4/8-T	Hdac2
Aarsd12	0.000987	0.32397	0.284	0.205	1 CD4/8-T	Aarsd1
Rnf44	0.001161	0.271151	0.281	0.205	1 CD4/8-T	Rnf44
Tmed31	0.001288	0.305834	0.325	0.247	1 CD4/8-T	Tmed3
Prkag11	0.001317	0.295848	0.296	0.218	1 CD4/8-T	Prkag1
Oard1	0.001419	0.320611	0.26	0.189	1 CD4/8-T	Oard1
Hsd17b12	0.001602	0.264324	0.251	0.183	1 CD4/8-T	Hsd17b12
Sbds	0.001665	0.254886	0.343	0.256	1 CD4/8-T	Sbds
Nrd11	0.002388	0.273078	0.314	0.238	1 CD4/8-T	Nrd1
Cct32	0.002563	0.267928	0.405	0.31	1 CD4/8-T	Cct3
Tgoln11	0.003054	0.258759	0.317	0.241	1 CD4/8-T	Tgoln1
Arcn1	0.003339	0.375324	0.299	0.228	1 CD4/8-T	Arcn1
CAA01118	0.004833	0.26087	0.26	0.197	1 CD4/8-T	CAA01118383.1
Tmbim43	0.006515	0.257304	0.396	0.32	1 CD4/8-T	Tmbim4