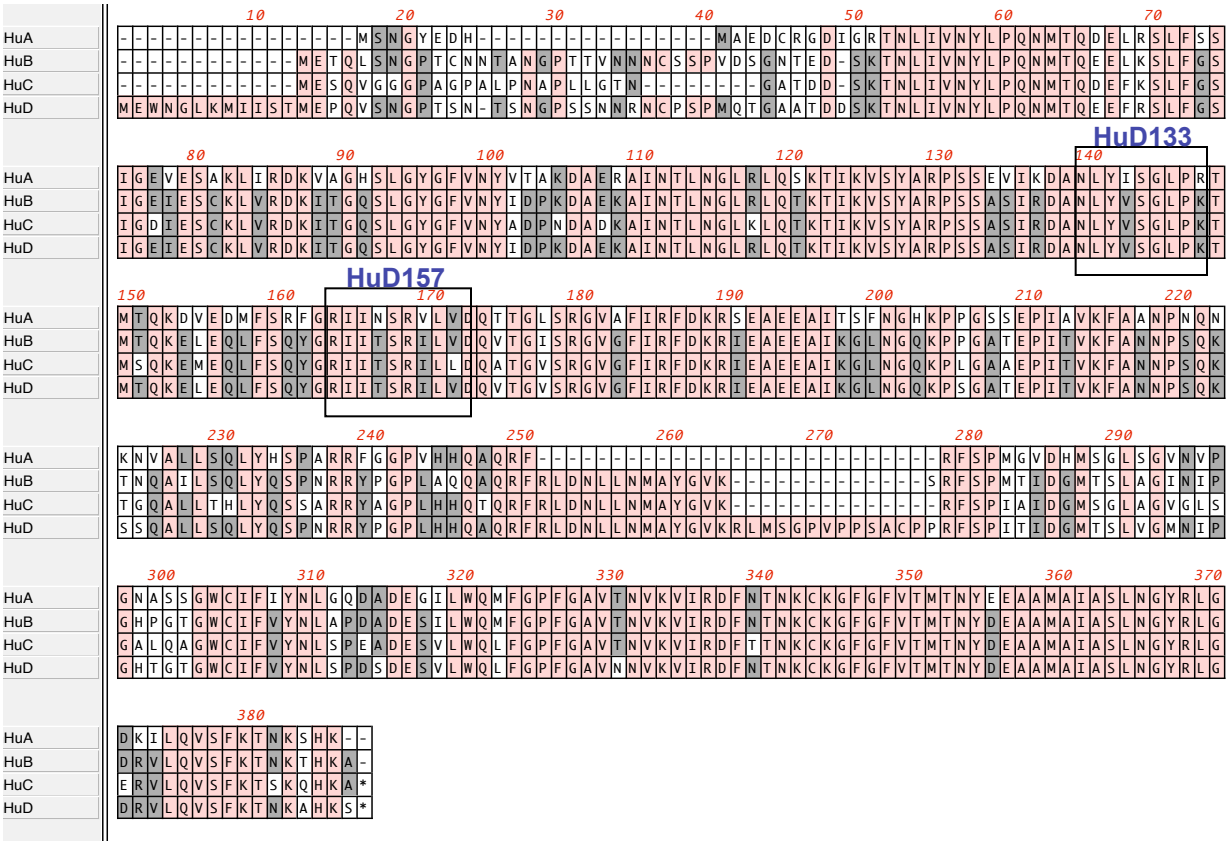
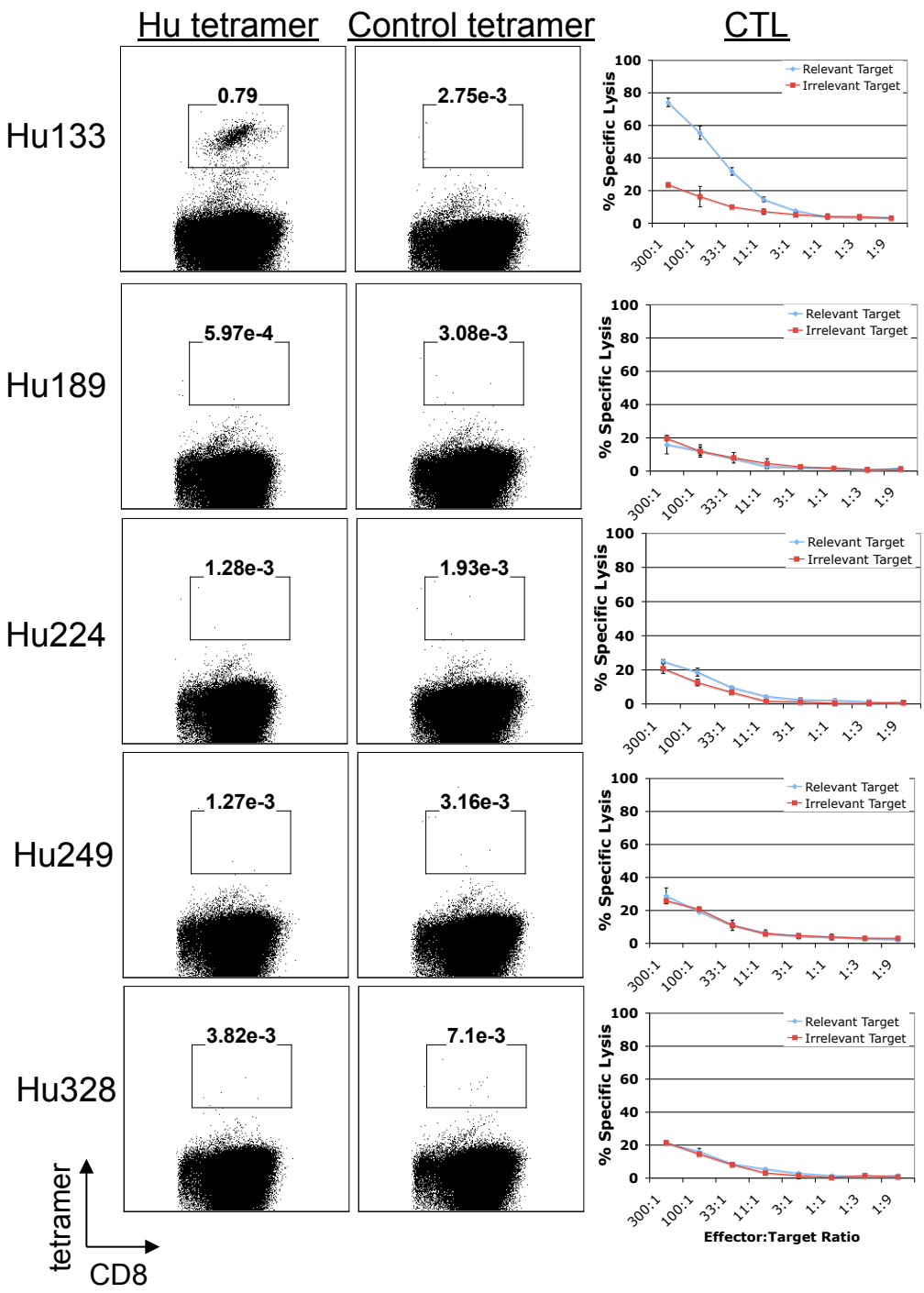
Roberts, et al., Supplemental Figure 1.



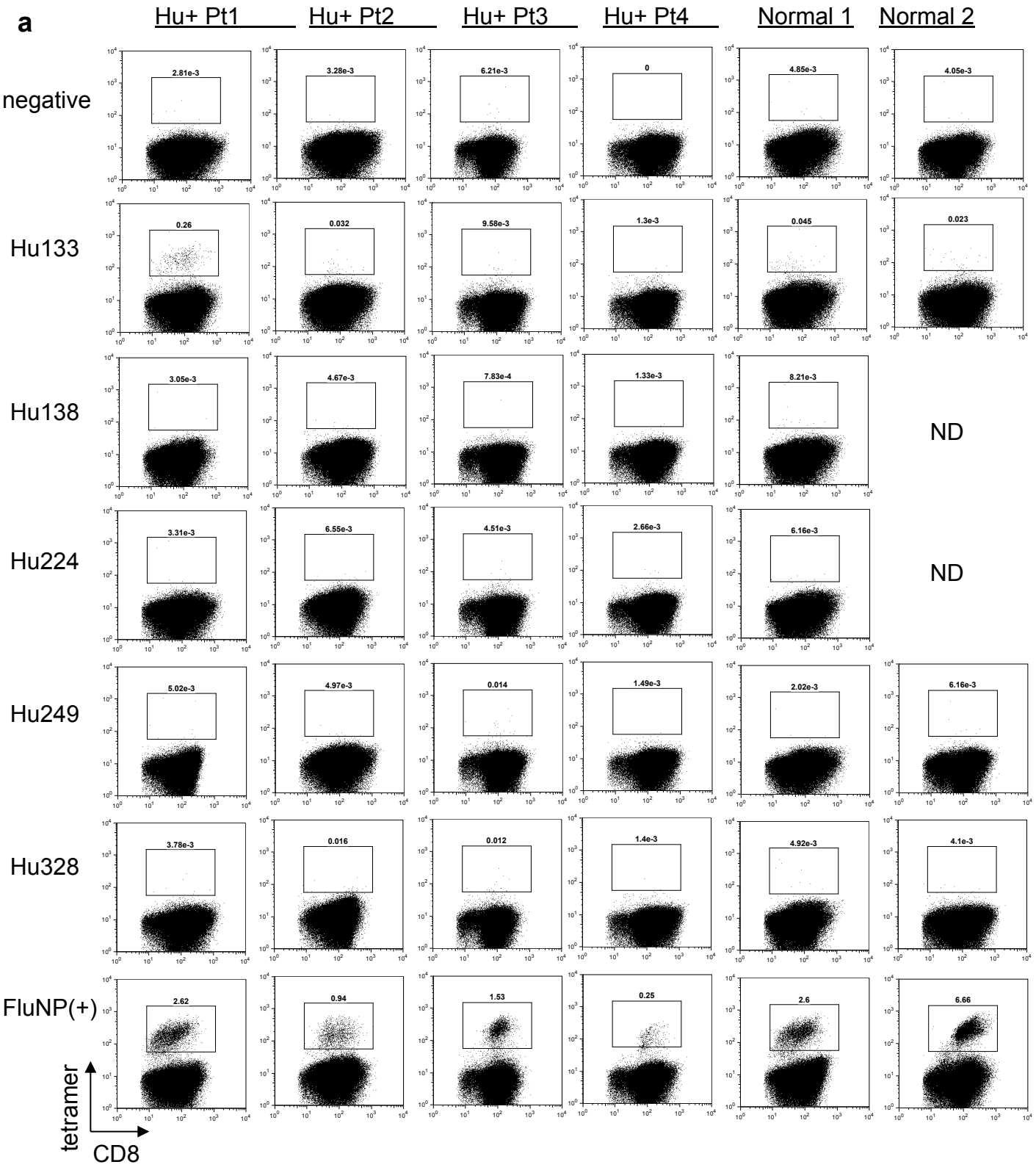
Supplemental Figure 1. Alignment of the protein sequences of the Hu family members. The peptide sequences used in the patient experiments are boxed.

Roberts, et al., Supplemental Figure 2.



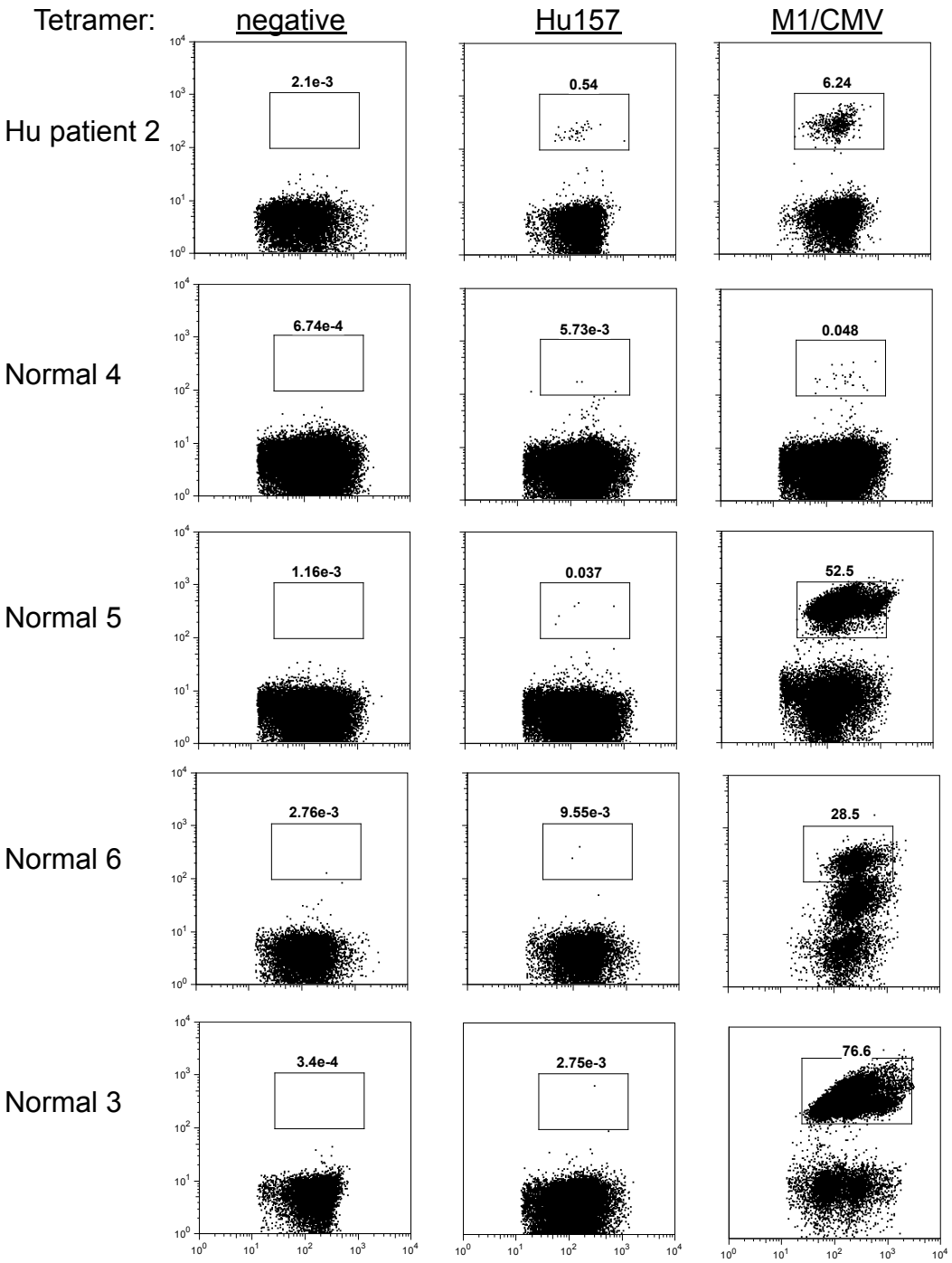
Supplemental Figure 2. Screening of predicted HLA-A0301 peptides by tetramer staining of cells from Hu patient 1 showing additional peptides. Cells were tetramer stained after one round of *in vitro* expansion with the corresponding A0301 predicted peptides. The expanded T cells were also tested for functional activity in a CTL assay (right panels).

Roberts, et al., Supplemental Figure 3.



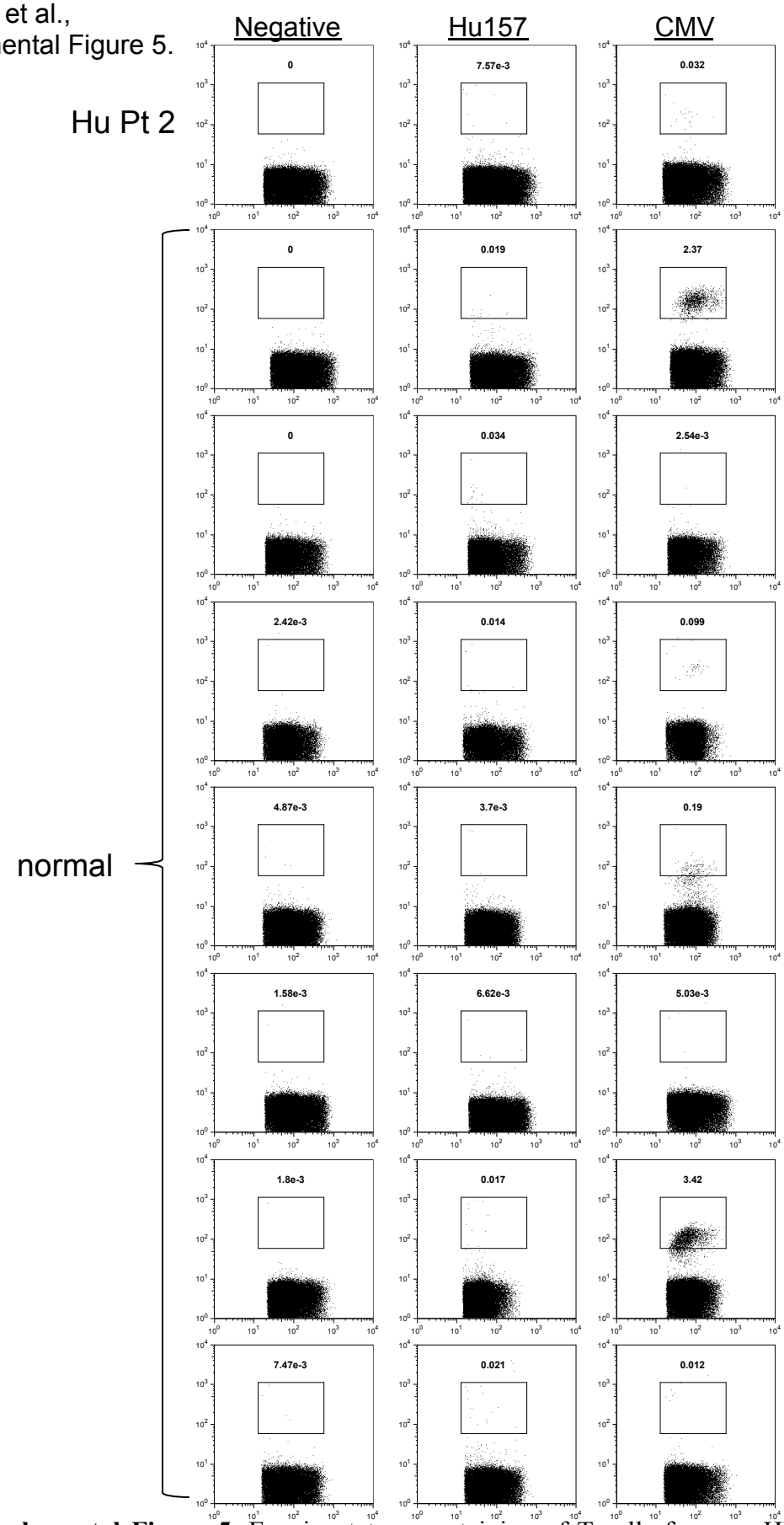
Supplemental Figure 3. Tetramer staining of T cells from four different HLA0301 patients (including three chronic) and two controls after expansion with A0301 Hu peptides. CD8+ T cells were expanded once as described in Methods. Negative control (top row) is an irrelevant tetramer, and positive control (bottom row) is the HLA-A0301-restricted epitope of influenza nucleoprotein (NP).

Roberts, et al., Supplemental Figure 4.



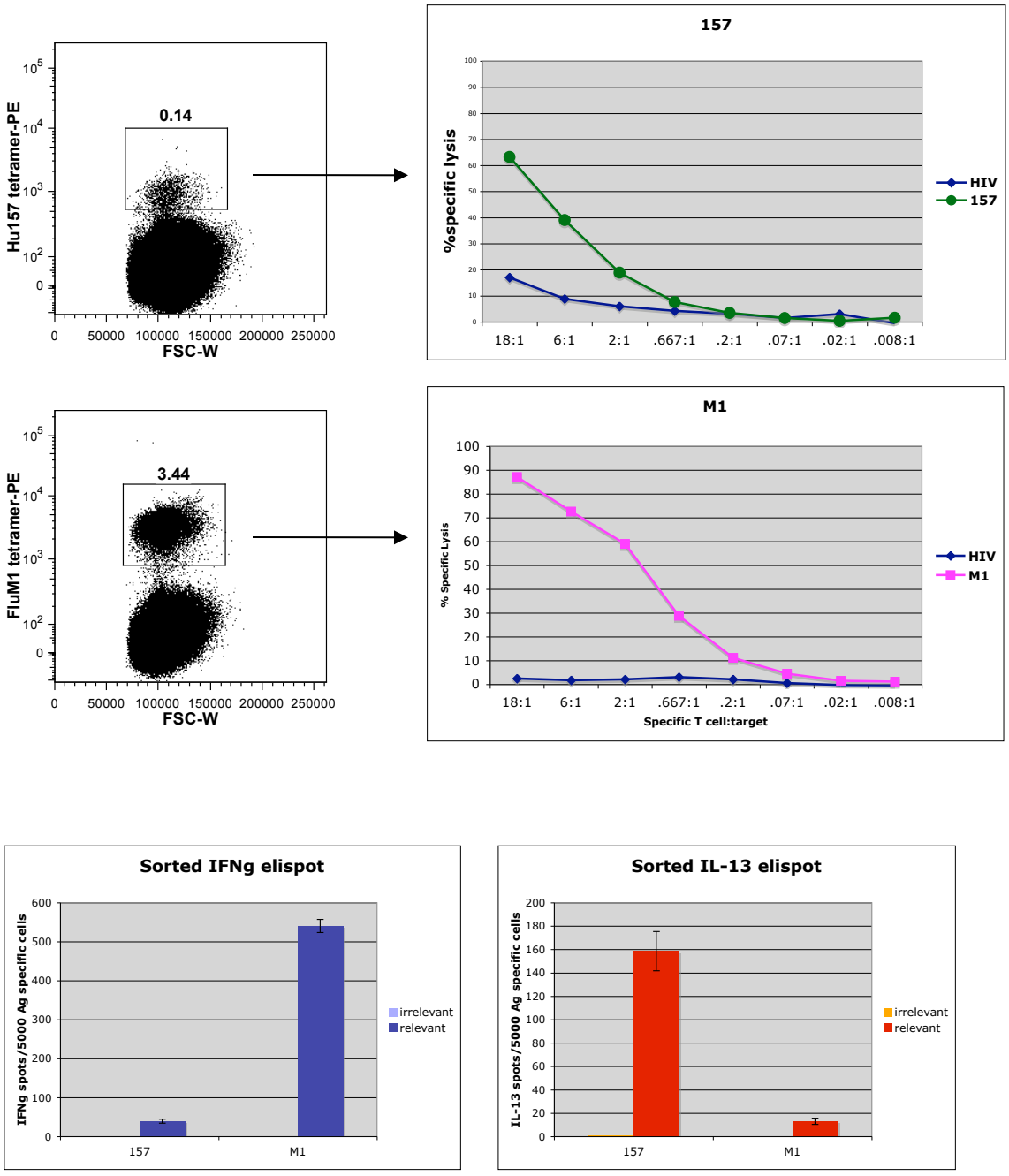
Supplemental Figure 4. Tetramer staining of peripheral blood cells from an A0201 Hu patient and normal donors after one *in vitro* stimulation with Hu157 peptide (same as Figure 2c, showing additional control donors). Cells were stained with negative control (irrelevant) tetramer, HuD157 tetramer, influenza M1 te tramer (positive control) or CMV tetramer (positive control) and CD8 as described in Methods. Cells are gated on the CD8+ topro3- population. None of four neurologically normal patients (one of whom had small cell lung cancer but no detectable HuD antibodies, three healthy A0201 donors, one healthy A0206 donor) harbored Hu157-specific CD8+ T c ells in this re-stimulation assay, demonstrating that the tetramer positive population in the Hu patients was not due to *in vitro* priming. Each control patient harbored T cells specific for at least one of two positive control HLA-A0201 tetramers (influenza M1 or CMV specific).

Roberts, et al.,
Supplemental Figure 5.



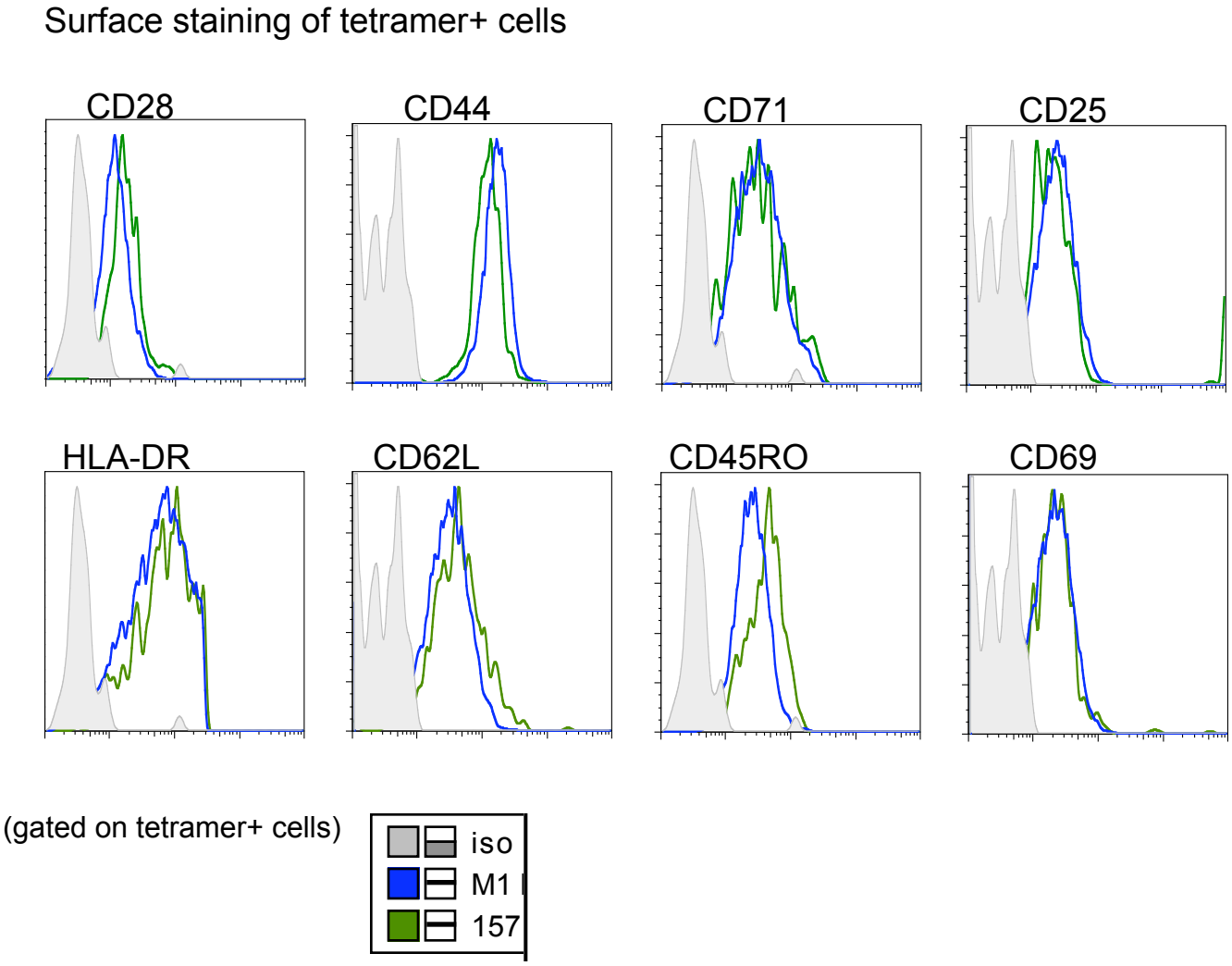
Supplemental Figure 5. Ex vivo tetramer staining of T cells from an HLA0201 Hu patient and seven HLAA0201 controls. Negative control (first column) is an irrelevant tetramer, and positive control (right column) is tetramer of the HLA-A0201 restricted epitope of CMV.

Roberts, et al., Supplemental Figure 6.



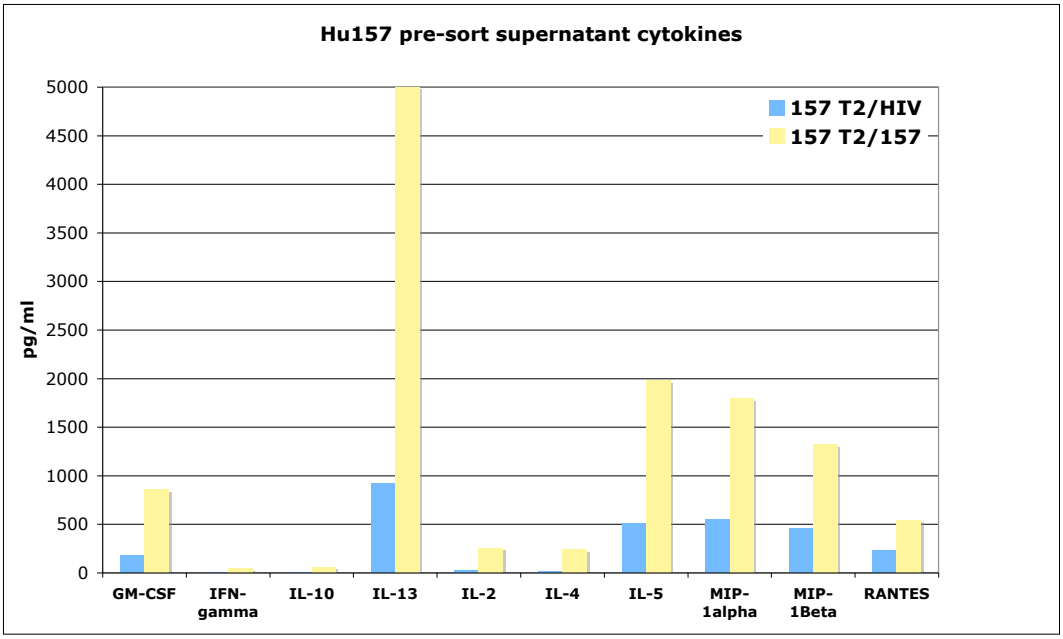
Supplemental Figure 6. Sorting and function of Hu157-specific T cells from patient 3. The same experiment as in Figure 3, with T cells from Hu patient 3.

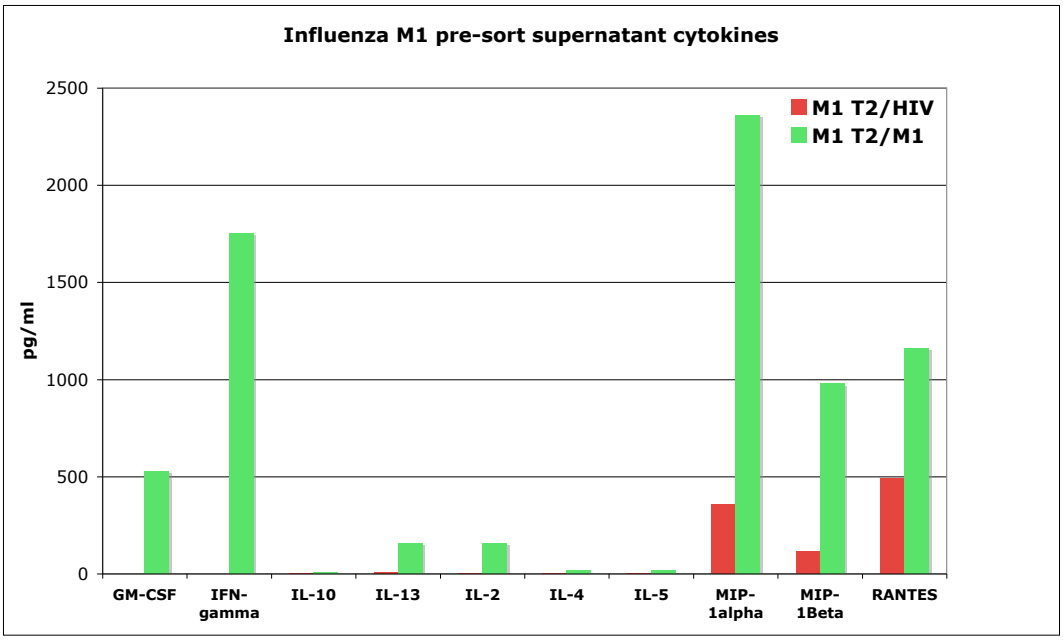
Roberts, et al., Supplemental Figure 7.



Supplemental Figure 7. Surface staining of Hu157 and influenza M1 tetramer+ cells.

Roberts, et al., Supplemental Figure 8.





Supplemental Figure 8. Cytokines in culture supernatants of unsorted cultures of influenza M1 and Hu157 T cells from Patient 1. Supernatants from pre-tetramer sort T cell cultures (10-fold fewer M1 T cells to account for lower percentage of Hu157 tetramer+ T cells) stimulated with T2 pulsed with HIV, Hu157 or M 1 peptide, demonstrating that the production of IL-13 in response to Hu157 is not due to the effects of tetramer sorting. The average value of duplicate samples is shown.

Roberts, et al., Supplemental Table 1.

Supplementary Table 1. Results of *in vitro* peptide screen

HLA-A0101

peptide	sequence*	binding %	ED50	t1/2	score
127	ASIRDANLY	79	5.8 E-6	1.49	0.264
147	ELEQLFSQY	63.6	7.6 E-6	0.85	0.159
277	TIDGMTSLV	50.7	3.1 E-5	0.55	0.084

These three positive, but low-scoring A0101 peptides were tested with patient cells as for other alleles, but no responses were detected (data not shown).

HLA-A0201

peptide	sequence*	binding %	ED50	t1/2	score
4	IISTMEPQ**V**	53.3	6.4 E-6	2.03	0.22
40	T**T**D**DSK**TNL	36.3	1.1 E-5	2.22	0.154
64	SLF**G**SIGE**I**	76.9	4.1E -7	5.52	0.791
150	**QL**FS**QY**GRI	63.8	2.9 E-7	1.63	0.392
157	RII**T**SR**I**LV	39.9	1.9E -7	5.86	0.548
163	**I**LVDQ**V**TG**V**	66	1.2 E-6	19.16	1.081
167	Q**V**TG**V**SRGV	43.2	1.1E -6	4.57	0.382
220	**ALLSQLYQS**	67.9	2.6 E-7	8.34	0.951
245	**RLDNLLNMA**	63.6	3.5 E-7	5.94	0.724
248	**NLLNMAYGV**	73	1.8 E-7	10.56	1.208
249	**LLNMAYGVK**	57.5	4.7 E-7	5.65	0.618
259	**LMSGPVPPS**	71.2	2.4 E-7	1.77	0.463
260	**MSGPVPPSA**	74.6	2.6 E-7	2.14	0.52
276	**ITI**D**G**M**TSL**	64	3.90E-07	4.56	0.366
277	**TI**D**G**M**TSLV**	72	5.90E-07	3.07	0.525
315	**QLFGPFGAV**	76.1	2.1 E-7	3.53	0.705
362	**RLGDRVLQV**	51.5	1.2 E-6	9.01	0.611
376	**YGVKRFSPI**	54.3	4.3 E-6	4.89	0.373

*bold in peptide sequence represents differences from HuA sequence

HLA-A0301

peptide	sequence*	binding %	ED50	t1/2	score
115	KTIKVSYAR	76.8	7.2 E-6	2.78	0.339
133	NLYVSGLPK	105.6	1.9 E-6	3.23	0.596
138	GLPKTMTQK	98.5	3.7 E-6	5.55	0.656
189	AIKGLNGQK	63.3	9.4 E-6	4.62	0.358
224	QLYQSPNRR	113.7	2.1 E-6	7.9	0.973
249	LLNMAYGVK	57.5	4.7 E-7	5.65	0.618
328	VIRDFNTNK	61.2	3.8 E-6	5.85	0.458
368	LQVSFKTNK	62.6	2.0 E-6	2.49	0.342

Supplementary Table 2.
HLA types of patients and controls

Patient	HLA-A type	
Patient 1	0101	0301
Patient 2	0201	0301
Patient 3	0201	0301
Patient 4	0301	2402
Normal 1	0101	0301
Normal 2	0201	0301
Normal 3	0201	2902
Normal 4	0201	
Normal 5	0201	2402
Normal 6	0206	2402

Supplemental Table 3

Supplemental Table 3. Affymetrix gene array data for tetramer sorted Hu157 and Flu M1 T cells

Hu157 vs HIV			Hu157 CD28			M1 vs HIV		
Affymetrix ID	Fold Change	Gene Name	Affymetrix ID	Fold Change	Gene Name	Affymetrix ID	Fold Change	Gene Name
205242_at	74.26	CXCL13	228055_at	78.65	NAPSB	205114_s_at	199.1	3 ; CCL3L1 ; CCL3L3
204533_at	45.14	CXCL10	201041_s_at	78.3	DUSP1	213619_at	199	HNRPH1
1555867_at	39.07	LOC200169	210029_at	74.31	INDO	210164_at	199	GZMB
205184_at	36.74	GNG4	207900_at	67.23	CCL17	226385_s_at	146.5	C7orf30
228922_at	35.76	SHF	211719_x_at	66.17	FN1	201031_s_at	117	HNRPH1
236595_at	34.44	MGC4677	200878_at	65.08	EPAS1	1557820_at	112.5	AFG3L2
234284_at	27.95	GNG8	215009_s_at	61.98		228487_s_at	105.5	RREB1
203915_at	27.94	CXCL9	217022_s_at	59.62	IGHA1 ; IGHA2	210354_at	101.8	IFNG
207536_s_at	25.34	TNFRSF9	209875_s_at	51.37	SPP1	228222_at	96.98	
219836_at	24.27	ZBED2	219403_s_at	50.54	HPSE	230352_at	92.11	PRPS2
206914_at	22.13	CRTAM	223723_at	48.73	MFI2	209460_at	80.36	ABAT
242873_at	21.2	KLRK1	200897_s_at	48.49	KIAA0992	200858_s_at	79.35	RPS8
243947_s_at	19.61		212464_s_at	46.93	FN1	241310_at	72.69	
223570_at	18.49	MCM10	231772_x_at	46.51	CENPH	206366_x_at	66.46	XCL2
207844_at	18.24	IL13	218345_at	46.25	HCA112	214662_at	60.93	WDR43
216575_at	18		205569_at	44.16	LAMP3	204014_at	58.53	DUSP4
1555689_at	17.17	CD80	210448_s_at	44.06	P2RX5	200025_s_at	57.21	RPL27
1555274_a_at	14.9	SELI	223028_s_at	43.22	SNX9	241497_at	51.39	
225606_at	14.4	BCL2L11	210567_s_at	42.99	SKP2	225767_at	50.13	LOC284801
37793_r_at	14.4	RAD51L3	1554627_a_at	42.68	ASCC1	1552628_a_at	49.83	FLJ22313
204794_at	14.25	DUSP2	203946_s_at	41.67	ARG2	220184_at	49.53	NANOG
209693_at	13.78	ASTN2	216442_x_at	40.82	FN1	225961_at	48.5	KLHDC5
230864_at	12.96	MGC42105	226436_at	40.81	RASSF4	219836_at	48.37	ZBED2
236796_at	12.51	BACH2	1554452_a_at	39.99	HIG2	221765_at	45.58	UGCG
224553_s_at	12.29	TNFRSF18	227006_at	39.86	PPP1R14A	225649_s_at	44.9	STK35
200894_s_at	11.82	FKBP4	223961_s_at	39.21	CISH	230621_at	44.57	LOC285148
207952_at	11.75	IL5	1560926_at	39.06	PPP4R2	227740_at	43.99	UHMK1
223851_s_at	11.5	TNFRSF18	203373_at	39.02	SOCS2	200840_at	42.73	KARS
212590_at	11.44	RRAS2	201042_at	37.47	TGM2	207533_at	42.57	CCL1
209891_at	11.32	SPBC25	221223_x_at	36.89	CISH	206914_at	41.13	CRTAM
204695_at	10.88	CDC25A	211026_s_at	36.86	MGLL	224480_s_at	40.57	MGC11324
231772_x_at	10.71	CENPH	230710_at	36.06		232974_at	40.33	HDHD1A
211269_s_at	10.56	IL2RA	235778_s_at	35.33	ANKRD44	213655_at	38.91	YWHAE
1558045_a_at	9.971		241421_at	34.53		1557261_at	38.67	339005 ; LOC440253
204580_at	9.659	MMP12	237203_at	34.49		242268_at	37.9	CUGBP2
226560_at	9.36	SGPP2	1556378_a_at	34.39	.528 ; LOC401530 ; LOC44089	200668_s_at	37.61	UBE2D3
238950_at	9.065		203588_s_at	34.16	TFDP2	203606_at	36.76	NDUFS6
227653_at	8.985	TRMT5	236480_at	33.88		229841_at	36.55	EIF2C2
1558143_a_at	8.955	BCL2L11	211269_s_at	33.7	IL2RA	222633_at	35.79	TBL1XR1
204179_at	8.855	MB	222877_at	33.48	NRP2	242558_at	35.15	CTNNB1
226761_at	8.814	ZNFN1A4	204440_at	33.21	CD83	1553237_x_at	34.89	PCDHAC1
207533_at	8.648	CCL1	223377_x_at	32.58	CISH	217997_at	34.65	PHLDA1
204256_at	8.572	ELOVL6	205749_at	32.48	CYP1A1	209459_s_at	34.19	ABAT
222314_x_at	8.371	ITPR1	236561_at	32.1	TGFBR1	215571_at	33.49	NCAM2
201823_s_at	8.22	RNF14	202113_s_at	31.89	SNX2	229872_s_at	33.45	' ; LOC440669 ; LOC440688
213427_at	8.205	RPP40	235242_at	30.88		202144_s_at	33.38	ADSL
204285_s_at	8.18	PMAIP1	201506_at	30.31	TGFBI	242688_at	31.9	TRIP12
203868_s_at	8.11	VCAM1	237009_at	29.81	CD69	214016_s_at	31.84	SFPQ
1553510_s_at	8.075	RQCD1	228737_at	29.78	C20orf100	229067_at	31.71	
228444_at	8.059	ARRB1	202912_at	29.2	ADM	240907_at	31.69	
211786_at	7.995	TNFRSF9	226101_at	28.24	PRKCE	230779_at	31.61	TNRC6B
227804_at	7.98	LOC116238	213406_at	28.13	WSB1	221969_at	30.82	PAX5
200950_at	7.821	ARPC1A	218880_at	27.82	FOSL2	237207_at	30.75	TRIM10
210229_s_at	7.771	CSF2	219578_s_at	27.59	CPEB1	242362_at	30.7	CUL3
242325_at	7.746		225645_at	27.25	EHF	208835_s_at	30.55	CROP
206729_at	7.618	TNFRSF8	204772_s_at	27.1	TTF1	46665_at	30.37	SEMA4C
205429_s_at	7.515	MPP6	219869_s_at	27.08	SLC39A8	209295_at	30.31	TNFRSF10B
207426_s_at	7.463	TNFSF4	235146_at	26.85	TMCC3	203579_s_at	30.17	SLC7A6
207509_s_at	7.199	LAIR2	205220_at	26.59	GPR109B	231152_at	30	
1555372_at	7.085	BCL2L11	236313_at	26.51	CDKN2B	232794_at	29.7	LOC153682
1555772_a_at	7.051	CDC25A	204044_at	26.19	QPRT	237035_at	29.7	WWOX
204348_s_at	6.996	AK3L1	219544_at	26.16	FLJ22624	223244_s_at	29.57	NDUFA12
223484_at	6.939	NMES1	207492_at	25.99	NGLY1	230097_at	29.32	GART
201562_s_at	6.885	SORD	1553292_s_at	25.42	FLJ25006	1556646_at	29.21	
227928_at	6.863	FLJ20641	231241_at	25.38	SLFN5	233479_at	29.21	PGAP1
206907_at	6.8	TNFSF9	218374_s_at	25.32	C12orf4	242397_at	29.03	OLR1
1554572_a_at	6.721	SUV39H2	211708_s_at	25.32	SCD	242439_s_at	29	
216042_at	6.702	TNFRSF25	202887_s_at	25.24	DDIT4	209315_at	28.85	HBS1L
223556_at	6.669	HELLS	230170_at	25.18	OSM	200909_s_at	28.84	RPLP2
241869_at	6.574	APOL6	230966_at	24.68	IL4I1	232030_at	28.6	KIAA1632
221521_s_at	6.57	Pfs2	221730_at	24.64	COL5A2	230618_s_at	28.54	XTP2
218374_s_at	6.537	C12orf4	213403_at	23.91	MGC11332	214567_s_at	28.44	XCL1 ; XCL2
235455_at	6.527	C1orf117	243011_at	23.69	FAM55C	240108_at	28.19	LOC148490
1562938_at	6.523	LOC150763	201663_s_at	23.67	SMC4L1	237028_at	28.06	
205024_s_at	6.523	RAD51	238601_at	23.61	PHKB	209967_s_at	27.85	CREM
202071_at	6.478	SDC4	207630_s_at	23.58	CREM	228173_at	27.78	GNAS
235688_s_at	6.309	TRAF4	1557733_a_at	23.54		228662_at	27.66	SOCS7
228778_at	6.296	MCPH1	49452_at	23.51	ACACB	218323_at	27.61	RHOT1
204027_s_at	6.255	METTL1	204053_x_at	22.65	PTEN	222423_at	27.6	NDFIP1
201005_at	6.241	CD9	210895_s_at	22.41	CD86	242761_s_at	27.54	ZNF420
222116_s_at	6.203	TBC1D16	218507_at	22.4	HIG2	236390_at	27.49	C20orf94
213010_at	6.175	PRKCDBP	213189_at	22.16	MINA	1565823_at	27.36	7-Sep
229163_at	6.159	CAMK2N1	230201_at	22.03	FXR1	1556964_s_at	27.32	MGC39900
228739_at	6.072		207861_at	21.92	CCL22	239449_at	27.21	ANKH
204728_s_at	6.021	WDHD1	225288_at	21.86	COL27A1	226915_s_at	27	ARPC5L
204182_s_at	6.02	ZNF297B	211561_x_at	21.59	MAPK14	240446_at	26.82	MIB1
202483_s_at	6.017	RANBP1	200906_s_at	21.54	KIAA0992	201631_s_at	26.72	IER3
201195_s_at	6.006	SLC7A5	201161_s_at	21.37	CSDA	234190_at	26.51	
205053_at	5.983	PRIM1	1554696_s_at	21.27	TYMS	225876_at	26.26	NPAL3
220358_at	5.974	SNFT	220058_at	21.12	C17orf39	214661_s_at	25.89	C4orf9
219259_at	5.969	SEMA4A	235777_at	20.99	ANKRD44	208986_at	25.84	TCF12
202871_at	5.95	TRAF4	242517_at	20.92	GPR54	209723_at	25.76	SERPINB9
222930_s_at	5.941	AGMAT	223381_at	20.83	CDCA1	218239_s_at	25.61	GTPBP4
204126_s_at	5.859	CDC45L	1554572_a_at	20.79	SUV39H2	228694_at	25.48	
1554600_s_at	5.831	LMNA	209651_at	20.67	TGFB1I1	204712_at	25.28	WIF1
1558518_at	5.827	TAB3	222610_s_at	20.62	S100PBPR	204630_s_at	25.27	GOSR1
214175_x_at	5.823	PDLIM4	228080_at	20.5	LOC143903	210844_x_at	25.21	CTNNA1
203946_s_at	5.793	ARG2	205229_s_at	20.06	COCH	242055_at	25.01	C6orf85
218568_at	5.792	MULK	202768_at	20.01	FOSB	238156_at	24.94	RPS6
218051_s_at	5.741	FLJ12442	209100_at	20	IFRD2	239946_at	24.89	KIAA0922
202086_at	5.694	MX1	222752_s_at	19.97	C1orf75	201694_s_at	24.84	EGR1
208103_s_at	5.676	ANP32E	222646_s_at	19.89	ERO1L	202682_s_at	24.79	USP4
204015_s_at	5.65	DUSP4	200884_at	19.24	CKB	213564_x_at	24.78	LDHB
1554145_a_at	5.625	LOC129285	202308_at	19.22	SREBF1	238751_at	24.52	ARGBP2
223828_s_at	5.607	LGALS12	229603_at	19.18	FLJ35630	210275_s_at	24.27	ZA20D2
204318_s_at	5.601	GTSE1	216607_s_at	19.14	CYP51A1	223915_at	24.21	BCOR
228910_at	5.6	KAI1	203869_at	19.07	USP46	242507_at	24.08	KIAA0794
1559006_at	5.57		236595_at	19.05	MGC4677	237510_at	24.07	
219258_at	5.551	FLJ20516	231292_at	18.94	EID3	230925_at	23.98	APBB1IP
214228_x_at	5.438	TNFRSF4	221841_s_at	18.85	KLF4	212643_at	23.92	C14orf32
219501_at	5.378	FLJ10094	238542_at	18.69	ULBP2	214288_s_at	23.86	PSMB1
1554667_s_at	5.371	FLJ13984	235226_at	18.59	CDC2L6	1556821_x_at	23.85	
227318_at	5.354		201887_at	18.58	IL13RA1	236897_at	23.8	IL17RB
209965_s_at	5.306	RAD51L3	228056_s_at	18.53	NAPSB	242438_at	23.63	
1556499_s_at	5.246	COL1A1	202391_at	18.43	BASP1	217802_s_at	23.6	NUCKS1
203045_at	5.231	NINJ1	230651_at	18.32	THOC2	233936_s_at	23.57	ZNF403
221957_at	5.23	PDK3	209218_at	18.3	SQLE	1556980_at	23.44	
209457_at	5.22	DUSP5	202068_s_at	18.15	LDLR	208370_s_at	23.32	DSCR1
206975_at	5.185	LTA	209825_s_at	18.1	UCK2	237062_at	23.14	
222343_at	5.158	BCL2L11	226925_at	18.04	ACPL2	233867_at	23.1	MGC40405
229638_at	5.144	IRX3	229694_at	18.03	BRWD2	210945_at	23.08	COL4A6
223274_at	5.064	TCF19	220030_at	18.01	STYK1	235458_at	23.02	HAVCR2

Supplemental Table 3

235407_at	5.062		230014_at	17.89	YPEL5	209240_at	22.84	OGT
205174_s_at	5.061	QPCT	211162_x_at	17.87	SCD	235685_at	22.81	
209746_s_at	5.06	COQ7	201014_s_at	17.74	PAICS	217862_at	22.79	PIAS1
228868_x_at	5.056	CDT1	206205_at	17.66	MPHOSPH9	1558002_at	22.69	STRAP
211576_s_at	5.006	SLC19A1	229604_at	17.6	CMAH	1566995_at	22.62	JARID2
209799_at	5.002	PRKAA1	229058_at	17.54	ANKRD16	223380_s_at	22.62	LATS2
209753_s_at	4.926	TMPO	201688_s_at	17.46	TPD52	237716_at	22.49	C9orf3
220177_s_at	4.914	TMPRSS3	213906_at	17.28	MYBL1	1556744_a_at	22.36	LOC440971
209100_at	4.894	IFRD2	209201_x_at	17.24	CXCR4	1557053_s_at	22.34	BE2G2 ; TAX1BP3
225532_at	4.851	CABLES1	231283_at	17.19	MGAT4A	200882_s_at	22.29	PSMD4
1553749_at	4.813	FAM76B	201059_at	17.14	CTTN	1562283_at	21.92	MAPK1
228809_at	4.801	ome X open reading frame 4	224435_at	17	C10orf58	226135_at	21.89	C6orf107
210563_x_at	4.785	CFLAR	227337_at	16.99	ANKRD37	220459_at	21.89	MCM3APAS
222412_s_at	4.782	SSR3	1558045_a_at	16.93		212468_at	21.87	SPAG9
206445_s_at	4.757	HRMT1L2	229086_at	16.91	LOC148898	200597_at	21.76	EIF3S10
202870_s_at	4.754	CDC20	204875_s_at	16.87	GMDS	1563468_at	21.68	ZAK
223722_at	4.748	DNAJC12	216504_s_at	16.81	SLC39A8	1560926_at	21.67	PPP4R2
224435_at	4.738	C10orf58	201669_s_at	16.71	MARCKS	AFFX-HUMRGE/M1009	21.53	
225834_at	4.738	FAM72A	1558002_at	16.69	STRAP	217327_at	21.51	
223602_at	4.732	USP30	206348_s_at	16.65	PDK3	1557137_at	21.47	TMEM17
202468_s_at	4.725	CTNNAL1	236752_at	16.65	PKP4	224849_at	21.4	TTC17
230972_at	4.679	ANKRD9	201790_s_at	16.56	DHCR7	204658_at	21.32	TRA2A
225531_at	4.654	CABLES1	202638_s_at	16.5	ICAM1	219232_s_at	21.27	EGLN3
210321_at	4.64	GZMH	206245_s_at	16.5	IVNS1ABP	201575_at	21.23	SNW1
1554352_s_at	4.637	MYCPBP	1557352_at	16.49	SQLE	240055_at	21.14	SLC2A14
206316_s_at	4.637	KNTC1	236607_at	16.39	LOC151194	200908_s_at	21.08	RPLP2
203997_at	4.633	PTPN3	208702_x_at	16.38	APLP2	208991_at	21.07	STAT3
201504_s_at	4.605	TSN	222746_s_at	16.29	BSPRY	201324_at	21.06	EMP1
224753_at	4.603	CDCA5	205593_s_at	16.28	PDE9A	1564699_at	20.96	C5orf4
226750_at	4.595	LARP2	202705_at	15.99	CCNB2	218134_s_at	20.88	RBM22
209218_at	4.595	SQLE	1554086_at	15.93	TUBGCP3	213340_s_at	20.82	KIAA0495
202589_at	4.594	TYMS	236957_at	15.91	CDCA2	213980_s_at	20.8	CTBP1
218574_s_at	4.591	LMCD1	1559681_a_at	15.87	TRIM16	214097_at	20.79	RPS21
237510_at	4.589		211430_s_at	15.72	IGHG1 ; IGHG2 ; IGHG3 ; IGH	236561_at	20.77	TGFBR1
203046_s_at	4.586	TIMELESS	207543_s_at	15.65	P4HA1	230645_at	20.77	FRMD3
235923_at	4.585	VTI1A	203372_s_at	15.63	SOCS2	228879_at	20.68	
219105_x_at	4.55	ORC6L	217492_s_at	15.54	PTEN	243008_at	20.64	RHEB
201123_s_at	4.547	EIF5A	226825_s_at	15.53	TPARL	212723_at	20.58	PTDSR
202290_at	4.545	PDAP1	231973_s_at	15.52	ANAPC1	242214_at	20.58	LOC388720 ; LOC389425
204255_s_at	4.542	VDR	202510_s_at	15.43	TNFAIP2	224499_s_at	20.54	AICDA
226034_at	4.541		239841_at	15.42	C7orf24	240316_at	20.5	C9orf57
226355_at	4.535	WDR51A	236571_at	15.36	SLC2A3	235122_at	20.44	
211318_s_at	4.529	RAE1	219836_at	15.35	ZBED2	221983_at	20.44	C2orf17
212089_at	4.514	LMNA	211919_s_at	15.31	CXCR4	211269_s_at	20.41	IL2RA
219217_at	4.509	FLJ23441	206341_at	15.26	IL2RA	208794_s_at	20.25	SMARCA4
203968_s_at	4.509	CDC6	219553_at	15.22	NME7	207426_s_at	20.24	TNFSF4
222209_s_at	4.507	FLJ22104	201564_s_at	15.2	FSCN1	203760_s_at	20.11	SLA
1554696_s_at	4.491	TYMS	241843_at	15.17	EIF5	243791_at	20.01	
200884_at	4.487	CKB	227959_at	15.17	ANKRD9	207651_at	19.99	GPR171
212022_s_at	4.448	MKI67	204552_at	15.11	INPP4A	210598_at	19.88	
205406_s_at	4.445	SPA17	218568_at	14.87	MULK	200071_at	19.84	SMNDC1
205267_at	4.431	POU2AF1	202022_at	14.85	ALDOC	211671_s_at	19.84	NR3C1
204962_s_at	4.43	CENPA	229002_at	14.82	FAM69B	213642_at	19.78	
209725_at	4.429	DRIM	1554001_at	14.81	TRIM37	233308_at	19.67	COPB
225655_at	4.423	UHRF1	235739_at	14.67	NR4A2	227520_at	19.65	RBBP7
205114_s_at	4.415	:CL3 ; CCL3L1 ; CCL3L3	224795_x_at	14.48	IGKC ; IGKV1-5	201111_at	19.65	CSE1L
221912_s_at	4.412	CCDC28B	219787_s_at	14.42	ECT2	1559490_at	19.62	LRCH3
236908_at	4.405	ACPL2	207786_at	14.38	CYP2R1	236766_at	19.58	
202541_at	4.402	SCYE1	229845_at	14.37	MAPKAP1	200914_x_at	19.5	KTN1
224851_at	4.392	CDK6	236439_at	14.34	BCL6	242277_at	19.44	PHACTR2
53071_s_at	4.386	FLJ22222	1561167_at	14.28	ETV6	208785_s_at	19.37	MAP1LC3B
214079_at	4.362	DHRS2	217757_at	14.25	A2M	238478_at	19.37	BNC2
202627_s_at	4.35	SERPINE1	210220_at	14.17	FZD2	AFFX-M27830_5	19.36	SOX18
200881_s_at	4.348	DNAJA1	204417_at	14.12	GALC	210069_at	19.33	CHKB ; CPT1B
202095_s_at	4.347	BIRC5	203167_at	14.1	TIMP2	239808_at	19.26	PITPNC1
223515_s_at	4.346	COQ3	222841_s_at	14.1	TIMM22	221570_s_at	19.16	METTL5
206102_at	4.344	PSF1	228829_at	14.09	ATF7	219286_s_at	19.09	RBM15
237654_at	4.327	C14orf50	215204_at	14.03	SENP6	233224_at	19.09	KPNA3
219424_at	4.326	EBI3	212704_at	13.87	ZCCHC11	1553235_at	19.06	PCDHAC1
205770_at	4.317	GSR	1569453_a_at	13.84	MGC35138	235308_at	18.84	ZBTB20
220161_s_at	4.312	EPB41L4B	221669_s_at	13.84	ACAD8	1556402_at	18.82	
1554080_at	4.247	RQCD1	201830_s_at	13.84	NET1	225626_at	18.75	PAG1
229900_at	4.233	CD109	219123_at	13.81	ZNF232	243945_at	18.74	TRIM2
206035_at	4.23	REL	219256_s_at	13.8	SH3TC1	203034_s_at	18.7	'L27A ; LOC389435
202338_at	4.218	TK1	241599_at	13.75	LSM11	239102_s_at	18.68	PICALM
206187_at	4.195	PTGIR	227502_at	13.69	LCHN	1570290_at	18.65	
201131_s_at	4.181	CDH1	1558560_s_at	13.68	BLZF1	221985_at	18.65	KLHL24
239930_at	4.176	GALNT2	217388_s_at	13.67	KYNU	223174_at	18.58	BTBD10
229752_at	4.175	ZNFN1A4	213524_s_at	13.61	G0S2	1562934_at	18.56	
210820_x_at	4.168	COQ7	224496_s_at	13.56	MGC10744	218518_at	18.53	C5orf5
225454_at	4.158	LOC115098	239169_at	13.49	RDM1	226693_at	18.41	SDHAL2
212121_at	4.114	C10orf61	211337_s_at	13.48	76P	233436_at	18.33	MTBP
227403_at	4.114	PIGX	201896_s_at	13.47	PSRC1	1554368_at	18.29	NT5C1B
1554408_a_at	4.1	TK1	234989_at	13.41	TncRNA	32069_at	18.29	N4BP1
201020_at	4.098	YWHAH	232591_s_at	13.37	TMEM30A	225093_at	18.24	UTRN
221915_s_at	4.075	RANBP1	237953_at	13.36	DPP4	207078_at	18.16	MED6
231597_x_at	4.075		225342_at	13.36	AK3L1	1569652_at	18.12	MLLT3
213822_s_at	4.066	UBE3B	235911_at	13.33	LOC440995	202325_s_at	17.94	ATP5J
203867_s_at	4.063	NLE1	219228_at	13.16	ZNF331	232750_at	17.88	
1556283_s_at	4.06	FGFR1OP2	207237_at	13.15	KCNA3	1570078_a_at	17.84	DOCK5
218647_s_at	4.06	YRDC	223423_at	13.11	GPR160	209006_s_at	17.83	C1orf63
226319_s_at	4.048	THOC4	212000_at	13.03	SFRS14	212987_at	17.8	FBXO9
227693_at	4.032	WDR20	203570_at	13.03	LOXL1	201940_at	17.78	CPD
238333_s_at	4.021	Sprn	239442_at	12.97	KIAA0582	240824_at	17.76	OBFC1
231094_s_at	4.02	MTHFD1L	1568706_s_at	12.96		228333_at	17.75	
201277_s_at	4.009	HNRPAB	236908_at	12.94	ACPL2	205981_s_at	17.71	ING2
209592_s_at	4.001	WDR68	223215_s_at	12.9	C14orf100	222985_at	17.52	YWHAG
233500_x_at	3.983	CLEC2D	210449_x_at	12.88	MAPK14	232582_at	17.51	LDB2
223908_at	3.977	HDAC8	219283_at	12.87	C1GALT1C1	211721_s_at	17.48	ZNF551
223518_at	3.977	DFFA	236381_s_at	12.85	WDR8	241259_at	17.43	GAB3
200628_s_at	3.964	WARS	1553856_s_at	12.84	P2RY10	228119_at	17.43	LRCH3
222037_at	3.954	MCM4	219483_s_at	12.79	PORCN	241613_at	17.42	SNTB2
237334_at	3.949		224507_s_at	12.79	MGC12916	205443_at	17.41	SNAPC1
214567_s_at	3.934	XCL1 ; XCL2	205171_at	12.78	PTPN4	242275_at	17.33	
216952_s_at	3.932	LMNB2	205885_s_at	12.78	ITGA4	239048_at	17.27	KIF1B
241154_x_at	3.93	MTSS1	1555978_s_at	12.77		1554565_x_at	17.24	SPPL3
225650_at	3.924	SAMD1	236095_at	12.76	NTRK2	242490_at	17.2	
213379_at	3.921	COQ2	219957_at	12.74	RUFY2	243006_at	17.1	FYN
206366_x_at	3.918	XCL2	220118_at	12.72	ZBTB32	237006_at	17.09	MLLT2
218893_at	3.893	ISOC2	225263_at	12.71	HS6ST1	1560790_at	17.04	FLJ36144
210559_s_at	3.893	CDC2	214677_x_at	12.68	; IGLC2 ; IGLV3-25 ; IGLV2-14	1555495_a_at	16.97	SDCCAG10
212271_at	3.892	MAPK1	202787_s_at	12.64	MAPKAPK3	204224_s_at	16.93	GCH1
204141_at	3.884	TUBB2	244274_at	12.53		203637_s_at	16.9	MID1
201014_s_at	3.881	PAICS	211115_x_at	12.53	SIP1	217028_at	16.88	CXCR4
49452_at	3.876	ACACB	202352_s_at	12.52	PSMD12	231165_at	16.87	DDHD1
213625_at	3.874	ZNF307	1559220_at	12.52		1559078_at	16.79	BCL11A
202641_at	3.871	ARL3	230395_at	12.44	DREV1	200693_at	16.78	YWHAQ ; MIB1
201417_at	3.855	SOX4	222209_s_at	12.34	FLJ22104	1559009_at	16.69	GTF2A1
212624_s_at	3.848	CHN1	221729_at	12.34	COL5A2	211933_s_at	16.68	HNRPA3
210983_s_at	3.848	MCM7	201625_s_at	12.31	INSIG1	226627_at	16.67	8-Sep
219493_at	3.842	SHCBP1	223602_at	12.31	USP30	201960_s_at	16.64	MYCBP2
201267_s_at	3.841	PSMC3	212621_at	12.3	KIAA0286	1563794_s_at	16.58	WDR10
224715_at	3.841	WDR34	215152_at	12.28	MYB	213979_s_at	16.58	CTBP1
210389_x_at	3.84	TUBD1	219217_at	12.26	FLJ23441	232556_at	16.52	
202043_s_at	3.835	SMS	209924_at	12.2	CCL18	228603_at	16.51	ACTR3

Supplemental Table 3

210164_at	3.833	GZMB	238528_at	12.2	UBR1	238157_at	16.5	
219340_s_at	3.831	CLN8	222608_s_at	12.19	ANLN	203752_s_at	16.49	JUND
235376_at	3.83	USP4	228376_at	12.16	GGTA1	1557633_at	16.39	DKFZp434K191
204822_at	3.816	TTK	212892_at	12.15	ZNF282	224212_s_at	16.35	HA10 ; PCDHA8 ; PCDHA7 ; PCDHA6 ; PCDHA5 ; PCDHA4 ; PCDHA3 ; PCDHA2 ; PCDHA1
229933_at	3.813	C1orf74	210495_x_at	12.13	FN1	240070_at	16.35	FLJ39873
201841_s_at	3.811	HSPB1	1568815_a_at	12.03	DDX50	205619_s_at	16.24	MEOX1
214710_s_at	3.81	CCNB1	229871_at	12.01	FLJ10211	218356_at	16.22	FTSJ2
210001_s_at	3.804	SOCS1	222531_s_at	11.9	C14orf108	1561167_at	16.21	ETV6
219644_at	3.801	NY-REN-58	211955_at	11.89	RANBP5	203133_at	16.17	SEC61B
218355_at	3.8	KIF4A	208637_x_at	11.86	ACTN1	222392_x_at	16.04	PERP
204092_s_at	3.792	STK6	227262_at	11.85	HAPLN3	224738_x_at	16.01	; LOC441150 ; RPL7L1
209773_s_at	3.788	RRM2	230494_at	11.79		242625_at	16	RSAD2
222703_s_at	3.785	YRDC	219510_at	11.79	POLQ	236322_at	15.95	FLJ31951
228559_at	3.768		233500_x_at	11.78	CLEC2D	226099_at	15.78	ELL2
202069_s_at	3.756	IDH3A	222240_s_at	11.75	ISYNA1	244142_at	15.73	DTNA
1556308_at	3.751	FLJ33674	228033_at	11.73	E2F7	209430_at	15.71	BTAF1
220132_s_at	3.75	CLEC2D	227247_at	11.68	PLEKHA8	227435_at	15.69	KIAA2018
203805_s_at	3.747	FANCA	222262_s_at	11.68	ETNK1	203704_s_at	15.58	RREB1
216554_s_at	3.747	ENO1	218486_at	11.64	KLF11	237317_at	15.52	FBXW8
212926_at	3.747	SMC5L1	235089_at	11.63	FBXL20	203567_s_at	15.49	TRIM38
204817_at	3.733	ESPL1	219715_s_at	11.62	TDP1	220526_s_at	15.44	MRPL20
222532_at	3.732	SRPRB	215170_s_at	11.62	Cep152	238139_at	15.35	
217811_at	3.723	SELT	201200_at	11.6	CREG1	241595_at	15.25	RERE
1565579_at	3.708	TATDN2	209346_s_at	11.6	PI4KII	240568_at	15.19	AKT3
223273_at	3.705	C14orf142	210559_s_at	11.57	CDC2	1555274_a_at	15.16	SELI
214123_s_at	3.703	C4orf10	206407_s_at	11.57	CCL13	229830_at	15.1	PDGFA
225106_s_at	3.698	FLJ10826	223894_s_at	11.5	FTS	242752_at	15.07	
230630_at	3.685	AK3	220132_s_at	11.48	CLEC2D	230859_at	15.06	INA
218208_at	3.683	PQLC1	243264_s_at	11.44	SGK3 ; C8orf44	229813_x_at	15.06	DAZAP1
244523_at	3.673	MMD	213461_at	11.41	NUDT21	200004_at	14.99	EIF4G2
215501_s_at	3.661	DUSP10	226856_at	11.39	MUSTN1	215823_x_at	14.98	; PABPC1 ; LOC341315
212422_at	3.63	PDCD11	224640_at	11.38	SPPL3	217739_s_at	14.93	PBEF1
236957_at	3.628	CDCA2	201229_s_at	11.36	ARIH2	221434_s_at	14.89	C14orf156
242981_at	3.628		240960_at	11.34	MSN	210097_s_at	14.89	NOL7
244519_at	3.618	ASXL1	219258_at	11.34	FLJ20516	225541_at	14.88	RPL22L1
208080_at	3.607	STK6	205181_at	11.32	ZNF193	239576_at	14.78	MTUS1
1553976_a_at	3.605	RP11-529I10.4	209238_at	11.3	STX3A	208843_s_at	14.69	GORASP2
218585_s_at	3.593	DTL	1553423_a_at	11.29	FLJ31952	200735_x_at	14.67	NACA
209928_s_at	3.592	MSC	221142_s_at	11.23	PECR	201362_at	14.66	IVNS1ABP
202705_at	3.592	CCNB2	220112_at	11.23	FLJ11795	212826_s_at	14.66	SLC25A6
205063_at	3.59	SIP1	201514_s_at	11.2	G3BP	239134_at	14.61	POLR3C
227103_s_at	3.589	MGC2408	229052_at	11.19	ANKRD23	238601_at	14.54	PHKB
218957_s_at	3.589	WDR71	203664_s_at	11.18	POLR2D	1559363_at	14.51	LOC283587
213523_at	3.584	CCNE1	33323_r_at	11.14	SFN	234969_s_at	14.48	EPC1
239729_at	3.584		203968_s_at	11.14	CDC6	1553703_at	14.41	
228198_s_at	3.578		1560013_at	11.05	KIAA0251	214096_s_at	14.33	SHMT2
1555886_at	3.576	C6orf210	226945_at	11.05	DKFZp547E052	239845_at	14.27	
206174_s_at	3.575	PPP6C	218755_at	11.03	KIF20A	241956_at	14.24	PCGF5
218156_s_at	3.554	FLJ10534	229514_at	11.02	C14orf118	215029_at	14.21	
225994_at	3.554	CPSF2	226325_at	11.02	ADSSL1	214911_s_at	14.2	BRD2
1559681_a_at	3.548	TRIM16	229638_at	11.02	IRX3	239833_at	14.17	
201502_s_at	3.544	NFKBIA	222893_s_at	11.01	C1orf82	230599_at	14.16	RNF19
219730_at	3.54	MED18	244578_at	11.01	LCP2	209572_s_at	14.14	EED
223103_at	3.538	STARD10	205429_s_at	10.97	MPP6	1558569_at	14.14	MAML2
208303_s_at	3.534	CRLF2	202647_s_at	10.96	NRAS	229630_s_at	14.13	WTAP
207630_s_at	3.532	CREM	221185_s_at	10.94	IQCG	234655_at	14.08	
223386_at	3.524	FLJ21103	200644_at	10.93	MARCKSL1	219681_s_at	14	RAB11FIP1
202580_x_at	3.521	FOXM1	208881_x_at	10.91	IDI1	242784_at	13.99	ETS2
203270_at	3.517	DTYMK	206337_at	10.9	CCR7	203316_s_at	13.97	SNRPE
226759_at	3.515	ZNFN1A4	225293_at	10.88	COL27A1	203883_s_at	13.97	RAB11FIP2
201631_s_at	3.513	IER3	219306_at	10.86	KIF15	230466_s_at	13.91	
202162_s_at	3.508	CNOT8	219593_at	10.86	SLC15A3	218859_s_at	13.89	C20orf6
207786_at	3.507	CYP2R1	219892_at	10.86	TM6SF1	224594_x_at	13.89	ACTB
226201_at	3.503	DOT1L	230329_s_at	10.85	NUDT6	214182_at	13.88	ARF6
202107_s_at	3.503	MCM2	223222_at	10.82	SLC25A19	218724_s_at	13.87	TGIF2
226248_s_at	3.5	KIAA1324	228809_at	10.81	some X open reading frame 40	1563118_at	13.85	
213113_s_at	3.5	SLC43A3	205159_at	10.81	CSF2RB	1570035_at	13.85	TBC1D10
216962_at	3.495	RIP	204438_at	10.79	MRC1 ; MRC1L1	239597_at	13.82	PAN3
204254_s_at	3.493	VDR	206788_s_at	10.72	CBFB	219580_s_at	13.82	TMC5
218883_s_at	3.492	MLF1IP	1553709_a_at	10.71	PRPF38A	223773_s_at	13.73	C1orf79
211715_s_at	3.487	BDH	209799_at	10.71	PRKAA1	228588_s_at	13.72	UBE2B
225205_at	3.487	KIF3B	238423_at	10.67	SYTL3	208949_s_at	13.72	LGALS3 ; GALIG
216977_x_at	3.482	SNRPA1	231897_at	10.67	LTB4DH	229437_at	13.7	BIC
214661_s_at	3.48	C4orf9	203410_at	10.65	AP3M2	221827_at	13.67	C20orf18
210052_s_at	3.478	TPX2	210337_s_at	10.64	ACLY	208670_s_at	13.65	CRI1
219990_at	3.473	E2F8	213274_s_at	10.62	CTSB	208079_s_at	13.52	STK6
229058_at	3.472	ANKRD16	221986_s_at	10.6	KLHL24	225435_at	13.49	
38158_at	3.471	ESPL1	219918_s_at	10.59	ASPM	209626_s_at	13.29	OSBPL3
226410_at	3.47	LOC348180	221524_s_at	10.53	RRAGD	209154_at	13.22	TAX1BP3
243579_at	3.466	MSI2	209191_at	10.52	TUBB6	200018_at	13.18	RPS13
225288_at	3.466	COL27A1	201888_s_at	10.5	IL13RA1	222467_s_at	13.17	SAPS3
226456_at	3.462	MGC24665	222151_s_at	10.5	Cep63	209181_s_at	13.16	RABGGTB
235572_at	3.461	SPBC24	49306_at	10.47	RASSF4	223178_s_at	13.15	NT5C2L1
218756_s_at	3.457	MGC4172	207223_s_at	10.47	ROD1	222685_at	13.08	FAM29A
1557067_s_at	3.449	LUC7L	236341_at	10.45	CTLA4	210822_at	13.07	LOC283345
234973_at	3.445	SLC38A5	225834_at	10.44	FAM72A	202318_s_at	13.05	SENP6
209425_at	3.444	AMACR	239893_at	10.43	MCTP2	228611_s_at	13.01	C3orf17
215942_s_at	3.442	GTSE1	213718_at	10.42	RBM4	1558236_at	13	
1553096_s_at	3.44	BCL2L11	232053_x_at	10.42	RHBDL7	208693_s_at	12.99	GARS
213692_s_at	3.436		242682_at	10.42	SOS1	200801_x_at	12.99	ACTB
1552618_at	3.436	STX6	212590_at	10.42	RRAS2	200595_s_at	12.89	EIF3S10
206173_x_at	3.434	GABPB2	202468_s_at	10.4	CTNNAL1	200999_s_at	12.87	CKAP4
204103_at	3.434	CCL4	202295_s_at	10.36	CTSH	223042_s_at	12.85	FUNDC2
224888_at	3.433	SELI	211160_x_at	10.33	ACTN1	1556060_a_at	12.85	KIAA1702
200052_s_at	3.431	ILF2	223443_s_at	10.32	FLJ32065	1562412_at	12.83	
202246_s_at	3.426	CDK4	227267_at	10.29	FLJ35779	1553153_at	12.81	ATP6V0D2
204649_at	3.426	TROAP	205512_s_at	10.27	PDCD8	202960_s_at	12.8	MUT
225291_at	3.424	PNPT1	226684_at	10.23	C14orf103	218817_at	12.76	SPCS3
235689_at	3.42	MTFMT	205266_at	10.22	LIF	222620_s_at	12.74	DNAJC1
212463_at	3.419	CD59	214482_at	10.21	ZBTB25	227621_at	12.72	WTAP
242439_s_at	3.413		243514_at	10.16		200754_x_at	12.71	SFRS2
200776_s_at	3.412	BZW1 ; LOC151579	208510_s_at	10.15	PPARG	200718_s_at	12.71	SKP1A
230664_at	3.403	MGC39900	219148_at	10.15	PBK	AFFX-HSAC07/X00351	12.71	ACTB
227634_at	3.403	STK32C	222730_s_at	10.11	ZDHHC2	201608_s_at	12.67	PWP1
1557910_at	3.397	HSPCB	210512_s_at	10.11	VEGF	200033_at	12.67	DDX5
202528_at	3.392	GALE	202195_s_at	10.11	TMED5	36030_at	12.63	HOM-TES-103
203300_x_at	3.39	AP1S2	204290_s_at	10.09	ALDH6A1	237234_at	12.57	PSCD2
203213_at	3.384	CDC2	218587_s_at	10.07	MDSRP	225263_at	12.57	HS6ST1
1557129_a_at	3.378	CANP	201294_s_at	10.07	WSB1	220221_at	12.57	VPS13D
229864_at	3.376	FLJ20211	227709_at	10.07		204131_s_at	12.55	FOXO3A
221733_s_at	3.374	GPATC4	213134_x_at	10.06	BTG3	1565852_at	12.49	
228966_at	3.372	PANK2	201928_at	9.995	PKP4	200807_s_at	12.48	HSPD1
212021_s_at	3.363	MKI67	221677_s_at	9.989	DONSON	243329_at	12.47	PCGF3
216607_s_at	3.36	CYP51A1	214945_at	9.965	NY-REN-7 ; LOC389347	214329_x_at	12.46	TNFSF10
228251_at	3.355		204822_at	9.956	TTK	201762_s_at	12.44	PSME2
225965_at	3.35	DDHD1	223828_s_at	9.945	LGALS12	201351_s_at	12.43	YME1L1
201755_at	3.342	MCM5	227423_at	9.929	LRRC28	209803_s_at	12.42	PHLDA2
222555_s_at	3.341	MRPL44	235463_s_at	9.927	LASS6	206942_s_at	12.42	PMCH
225043_at	3.335	SLC15A4	91703_at	9.913	EHBP1L1	215171_s_at	12.42	TIMM17A
222039_at	3.331	LOC146909	200648_s_at	9.889	GLUL	214735_at	12.37	PIP3-E
237532_at	3.322	TNFRSF8	223103_at	9.819	STARD10	232931_at	12.37	ASCC3L1
217383_at	3.321	PGK1	228758_at	9.768		238807_at	12.18	LOC157567
206036_s_at	3.321	REL	201761_at	9.742	MTHFD2	212596_s_at	12.14	HMG2L1
202138_x_at	3.305	JTV1	204615_x_at	9.717	IDI1	202603_at	12.12	ADAM10
243011_at	3.303	FAM55C	244154_at	9.678	DDHD1	208815_x_at	12.06	HSPA4

Supplemental Table 3

201898_s_at	3.302	UBE2A	1559528_at	9.675		226880_at	12.04	NUCKS1
231164_at	3.299	LOC440331	220183_s_at	9.657	NUDT6	232928_at	12.02	FARP1
209406_at	3.297	BAG2	217383_at	9.654	PGK1	230961_at	12	
202078_at	3.283	COPS3	218395_at	9.64	ACTR6	238185_at	11.95	RBMS1
209939_x_at	3.281	CFLAR	200832_s_at	9.62	SCD	224567_x_at	11.93	MALAT1
204026_s_at	3.276	ZWINT	226433_at	9.564	RNF157	201588_at	11.93	TXNL1
229283_at	3.276	PDCD6	220658_s_at	9.544	ARNTL2	242201_at	11.9	
207535_s_at	3.275	NFKB2	208962_s_at	9.503	FADS1	208296_x_at	11.82	TNFAIP8
205129_at	3.269	NPM3	211538_s_at	9.452	HSPA2	225053_at	11.77	CNOT7
210567_s_at	3.268	SKP2	210658_s_at	9.439	GGA2	226914_at	11.76	ARPC5L
209820_s_at	3.245	TBL3	205558_at	9.432	TRAF6	221684_s_at	11.74	NYX
212835_at	3.243	KIAA0157	229236_s_at	9.388	SFXN4	243498_at	11.73	ATP5J
232279_at	3.242	PHF15	213666_at	9.378	6-Sep	200873_s_at	11.72	CCT8
215175_at	3.241	PCNX	219242_at	9.369	Cep63	201665_x_at	11.7	RPS17
206508_at	3.222	TNFSF7	1554469_at	9.368	BTBD15	244565_at	11.65	HMX2
218115_at	3.219	ASF1B	201118_at	9.358	PGD	234103_at	11.62	SLICK
208079_s_at	3.217	STK6	214437_s_at	9.31	SHMT2	242325_at	11.6	
209971_x_at	3.214	JTV1	201849_at	9.292	BNIP3	214882_s_at	11.59	SFRS2
209324_s_at	3.211	RGS16	204186_s_at	9.211	PPID	205644_s_at	11.58	SNRPG
204825_at	3.209	MELK	220177_s_at	9.206	TMPRSS3	214314_s_at	11.58	EIF5B
230362_at	3.204	INPPSF	36554_at	9.198	ASMTL	201019_s_at	11.57	EIF1AX
211561_x_at	3.197	MAPK14	201996_s_at	9.194	SPEN	209249_s_at	11.53	GHITM
226451_at	3.193	MGC19604	236293_at	9.19	RHOH	228477_at	11.5	FLJ10154
201629_s_at	3.186	ACP1	232265_at	9.183	ATXN7L1	1555844_s_at	11.49	HNRPM
219654_at	3.184	PTPLA	220329_s_at	9.159	C6orf96	210077_s_at	11.37	SFRS5
201461_s_at	3.17	MAPKAPK2	235940_at	9.158	C9orf64	238860_at	11.28	C6orf130
209922_at	3.169	BRAP	217933_s_at	9.144	LAP3	208635_x_at	11.27	NACA
202148_s_at	3.167	PYCR1	215133_s_at	9.134	LOC389347	235405_at	11.25	GSTA4
235706_at	3.159	CPM	210296_s_at	9.133	PXMP3	205022_s_at	11.2	CHES1
219420_s_at	3.157	C1orf163	209457_at	9.12	DUSP5	209258_s_at	11.2	CSPG6
201577_at	3.151	NME1	1560014_s_at	9.102	KIAA0251	1561767_at	11.09	NTNG1
232792_at	3.147	RNF36	209832_s_at	9.067	CDT1	201991_s_at	11.08	KIF5B
212008_at	3.146	UBXD2	204834_at	9.065	FGL2	226675_s_at	11.07	MALAT1
226503_at	3.145	RIF1	223161_at	9.062	LCHN	201054_at	11.03	HNRPA0
213594_x_at	3.143	FUSIP1	1558561_at	9.037	HM13	213762_x_at	10.99	RBMX
208290_s_at	3.142	EIF5	225578_at	9.007	LOC440145	215656_at	10.98	LMAN2
203612_at	3.142	BYSL	239692_at	9.004	ILKAP	215114_at	10.97	SENP3
203560_at	3.139	GGH	230630_at	8.998	AK3	204971_at	10.96	CSTA
226415_at	3.137	KIAA1576	238652_at	8.982	AOF2	229621_x_at	10.95	DKFZp667B0210
206942_s_at	3.135	PMCH	229470_at	8.968		1564753_at	10.93	
223221_at	3.132	SCO1	201631_s_at	8.961	IER3	203969_at	10.93	LOC153914
226815_at	3.13	MGC16471	1557196_a_at	8.929		212578_x_at	10.87	RPS17
213599_at	3.129	OIP5	225115_at	8.92	HIPK2	219097_x_at	10.84	MGC2747
204033_at	3.125	TRIP13	216705_s_at	8.887	ADA	242405_at	10.83	MAML2
206348_s_at	3.12	PDK3	222451_s_at	8.85	ZDHHC9	1555837_s_at	10.83	POLR2B
209512_at	3.115	HSDL2	204184_s_at	8.845	ADRBK2	218124_at	10.83	RetSat
200987_x_at	3.106	PSME3	216640_s_at	8.839	PDIA6	201757_at	10.8	NDUFS5
218941_at	3.105	FBXW2	209138_x_at	8.832	IGLC2	1569927_at	10.77	MSH2
210338_s_at	3.096	HSPA8	210950_s_at	8.83	FDFT1	227947_at	10.7	PHACTR2
201659_s_at	3.096	ARL1	231316_at	8.82	NEK9	203297_s_at	10.68	JARID2
209853_s_at	3.095	PSME3	210561_s_at	8.806	WSB1	200875_s_at	10.67	NOL5A
201764_at	3.094	MGC5576	210338_s_at	8.794	HSPA8	202882_x_at	10.64	NOL7
208696_at	3.094	CCT5	32128_at	8.76	CCL18	235425_at	10.53	SGOL2
212858_at	3.091	PAQR4	203414_at	8.757	MMD	242343_x_at	10.41	ZNF518
220058_at	3.089	C17orf39	216554_s_at	8.703	ENO1	201024_x_at	10.32	EIF5B
209572_s_at	3.088	EED	224829_at	8.696	CPEB4	214143_x_at	10.32	RPL24 ; SLC36A2
208059_at	3.087	CCR8	226752_at	8.692	UNQ1912	1569794_at	10.28	BTBD3
226020_s_at	3.08	DAB1 ; OMA1	221879_at	8.67	CALML4	205361_s_at	10.27	PFDN4
208992_s_at	3.076	STAT3	222409_at	8.668	CORO1C	244217_at	10.24	
208677_s_at	3.075	BSG	211762_s_at	8.663	KPNA2	1554588_a_at	10.22	FLJ30990
43427_at	3.071	ACACB	230306_at	8.661	VPS26B	204103_at	10.22	CCL4
209691_s_at	3.057	DOK4	205479_s_at	8.635	PLAU	222390_at	10.2	WAC
201323_at	3.055	EBNA1BP2	226563_at	8.634	SMAD2	201754_at	10.15	COX6C
222666_s_at	3.053	RCL1	213758_at	8.634	COX4I1	243454_at	10.15	ETV6
221227_x_at	3.051	COQ3	200838_at	8.611	CTSB	238354_x_at	10.13	KIAA0934
207845_s_at	3.051	ANAPC10	202672_s_at	8.6	ATF3	232330_at	10.12	FLJ10803
215210_s_at	3.049	DLST ; DLSTP	205987_at	8.589	CD1C	213048_s_at	10.1	SET
207180_s_at	3.044	HTATIP2	229075_at	8.578		208648_at	10.08	VCP
209999_x_at	3.043	SOCS1	213246_at	8.577	C14orf109	205831_at	10.05	CD2
201202_at	3.041	PCNA	241824_at	8.57	FOSL2	223096_at	10.05	NOP5/NOP58
201516_at	3.037	SRM	227697_at	8.557	SOCS3	200057_s_at	9.993	NONO
212432_at	3.036	GRPEL1	217599_s_at	8.555	MDFIC	1553155_x_at	9.96	ATP6V0D2
225066_at	3.034		219374_s_at	8.551	ALG9	202153_s_at	9.958	NUP62
223909_s_at	3.033	HDAC8	205890_s_at	8.546	UBD	242706_s_at	9.958	CRSP3
227322_s_at	3.031	BCCIP	227928_at	8.534	FLJ20641	236610_at	9.896	PDE4D
1559946_s_at	3.029	RUVBL2	206003_at	8.532	CEP4	209974_s_at	9.884	BUB3
217356_s_at	3.028	PGK1	212777_at	8.523	SOS1	212039_x_at	9.842	RPL3
233651_s_at	3.024	FLJ14981	214438_at	8.519	HLX1	213734_at	9.842	WSB2
202481_at	3.022	DHRS3	235653_s_at	8.517	THAP6	225762_x_at	9.806	LOC284801
205394_at	3.022	CHEK1	232412_at	8.51		1558139_at	9.795	
215722_s_at	3.021	SNRPA1	209959_at	8.507	NR4A3	222465_at	9.785	5orf15 ; LOC284288
239831_at	3.02	MGC5576	224823_at	8.506	MYLK	224302_s_at	9.781	MRPS36
203022_at	3.02	RNASEH2A	210912_x_at	8.503	GSTM4	1556963_at	9.777	MGC39900
219615_s_at	3.019	KCNK5	222432_s_at	8.493	GK001	201049_s_at	9.749	RPS18
203109_at	3.017	UBE2M	219105_x_at	8.48	ORC6L	232311_at	9.749	B2M
235139_at	3.01	GNGT2	208018_s_at	8.478	HCK	202602_s_at	9.74	HTATSF1
222113_s_at	3.009	EPS15L1	226556_at	8.475	RPL4	221775_x_at	9.712	RPL22
212312_at	3.006	BCL2L1	203661_s_at	8.455	TMOD1	1569537_at	9.683	
223229_at	3.005	UBE2T	236778_at	8.453	ATRX	213612_x_at	9.66	38902 ; AE01 ; AG1 ; LOC440675
229437_at	3.005	BIC	200950_at	8.423	ARPC1A	235521_at	9.628	HOXA3
209304_x_at	3.005	GADD45B	213787_s_at	8.416	EBP	215157_x_at	9.609	PABPC1
203411_s_at	3.005	LMNA	204881_s_at	8.412	UGCG	200083_at	9.576	USP22
219260_s_at	3.004	DERP6	225439_at	8.409	NUDCD1	217646_at	9.565	SURF1
202950_at	3.001	CRYZ	238581_at	8.379	GBP5	200674_s_at	9.558	RPL32
204286_s_at	3	PMAIP1	216996_s_at	8.374	KIAA0971	202341_s_at	9.515	TRIM2
224461_s_at	2.999	AMID	208763_s_at	8.374	TSC22D3	242239_at	9.492	NSUN6
224847_at	2.997	CDK6	221588_x_at	8.372	ALDH6A1	226963_at	9.456	BTF3L4
201292_at	2.996	TOP2A	205403_at	8.364	IL1R2	213867_x_at	9.452	ACTB
222979_s_at	2.995	SURF4	203973_s_at	8.359	CEBPD	215499_at	9.368	MAP2K3
1568678_s_at	2.995	FGFR1OP	223217_s_at	8.354	NFKBIZ	208113_x_at	9.366	PABPC3
202749_at	2.992	WRB	205518_s_at	8.349	CMAH	238636_at	9.354	LOC283439
235557_at	2.992	LOC150763	200737_at	8.347	PGK1	201917_s_at	9.347	SLC25A36
225096_at	2.989	HSA272196	209773_s_at	8.319	RRM2	226801_s_at	9.293	C1orf80
236340_at	2.987		224724_at	8.314	SULF2	218233_s_at	9.291	C6orf49
239002_at	2.978	ASPM	223717_s_at	8.302	ACRBP	242463_x_at	9.286	ZNF600
1553984_s_at	2.978	DTYMK	227572_at	8.295	USP30	1554316_at	9.279	PGLS
1556588_at	2.976	LOC283687	210416_s_at	8.292	CHEK2	204897_at	9.24	PTGER4
202084_s_at	2.973	SEC14L1	202762_at	8.287	ROCK2	240978_at	9.232	ANKRD17
201173_x_at	2.973	NUDC	218585_s_at	8.287	DTL	201865_x_at	9.196	NR3C1
213334_x_at	2.973	UIP1	229946_at	8.278	LOC389039	233118_at	9.164	ARID5B
201683_x_at	2.97	C14orf92	201889_at	8.274	FAM3C	224867_at	9.136	C1orf151
209067_s_at	2.97	HNRPDL	204285_s_at	8.269	PMAIP1	201464_x_at	9.136	JUN
222442_s_at	2.968	ARL10C	219485_s_at	8.26	PSMD10	208998_at	9.033	UCP2
213454_at	2.961	APITD1	239243_at	8.251	ZNF638	209515_s_at	9.008	RAB27A
217294_s_at	2.96	ENO1	225652_at	8.248	FARP2	1557352_at	9.003	SQLE
235452_at	2.959	ne kinase, mitochondrial 1A	227245_at	8.23	FLJ13089	217529_at	8.946	401394 ; LOC402578
212875_s_at	2.955	C21orf25	238825_at	8.229	ACRC	226816_s_at	8.903	KIAA1143
218894_s_at	2.95	FLJ10292	209267_s_at	8.229	SLC39A8	238346_s_at	8.898	NCOA6IP
223028_s_at	2.949	SNX9	228173_at	8.202	GNAS	206341_at	8.892	IL2RA
208456_s_at	2.948	RRAS2	227374_at	8.201	KIAA1970	226465_s_at	8.879	SON
223021_x_at	2.943	C6orf55	213501_at	8.199	ACOX1	211487_x_at	8.866	RPS17
205909_at	2.942	POLE2	210401_at	8.181	P2RX1	212610_at	8.837	PTPN11
205965_at	2.938	BATF	1569385_s_at	8.17	KIAA1546	232601_at	8.796	
227410_at	2.933	FAM43A	227062_at	8.165	TncRNA	218482_at	8.784	ENY2
204121_at	2.932	GADD45G	209778_at	8.137	TRIP11	211784_s_at	8.756	SFRS1

Supplemental Table 3

230696_at	2.932	ATP2A1	221917_s_at	8.136	GRSF1	242829_x_at	8.748	FBXL3
221808_at	2.931	RAB9A	204160_s_at	8.132	ENPP4	221891_x_at	8.737	HSPA8
201897_s_at	2.929	CKS1B	223804_s_at	8.13	THUMPD3	242188_at	8.729	PTPRG
221436_s_at	2.926	CDCA3	214293_at	8.128	11-Sep	203663_s_at	8.72	COX5A
212279_at	2.926	MAC30	200698_at	8.119	KDELR2	203396_at	8.67	PSMA4
225154_at	2.923	SYAP1	231484_at	8.117	ATP8A1	225852_at	8.659	ANKRD17
218507_at	2.922	HIG2	202861_at	8.106	PER1	238130_at	8.605	NFATC2IP
213330_s_at	2.921	STIP1	225177_at	8.101	RAB11FIP1	211678_s_at	8.604	ZNF313
228543_at	2.918	CSRP2BP	220532_s_at	8.1	LR8	208616_s_at	8.579	PTP4A2
201459_at	2.916	RUVBL2	234979_at	8.097	LOC144233	211270_x_at	8.577	PTBP1
213461_at	2.915	NUDT21	210281_s_at	8.089	ZNF198	224838_at	8.532	FOXP1
203943_at	2.914	KIF3B	209340_at	8.082	UAP1	201316_at	8.529	PSMA2
227599_at	2.903	LOC151963	205686_s_at	8.08	CD86	200650_s_at	8.527	LDHA
212378_at	2.903	GART	207277_at	8.075	CD209	237104_at	8.474	CTSS
221976_s_at	2.902	HDGFRP3	225884_s_at	8.071	ZNF336	200888_s_at	8.465	RPL23
205101_at	2.898	CIITA	201745_at	8.056	PTK9	1566509_s_at	8.445	FBXO9
222730_s_at	2.898	ZDHHC2	204204_at	8.056	SLC31A2	209069_s_at	8.422	H3F3B
208910_s_at	2.897	C1QBP	217990_at	8.032	GMPR2	202596_at	8.376	ENSA
214430_at	2.893	GLA	213365_at	7.993	MGC16943	217996_at	8.336	PHLDA1
211762_s_at	2.891	KPNA2	219757_s_at	7.979	C14orf101	216101_at	8.298	
213297_at	2.89	FLJ22318	209509_s_at	7.979	DPAGT1	205812_s_at	8.274	TMED9
201122_x_at	2.889	EIF5A	1556009_at	7.973	PEX13	229563_s_at	8.269	RPL10A
202819_s_at	2.885	TCEB3	200627_at	7.97	PTGES3	234649_at	8.258	POU2F1
224361_s_at	2.885	IL17RB	206037_at	7.968	CCBL1	213574_s_at	8.234	KPNB1
237813_at	2.884	PCBP2 ; LOC286157	217356_s_at	7.967	PGK1	201030_x_at	8.225	LDHB
223319_at	2.881	GPHN	232686_at	7.958	SIGLECP3	201352_at	8.215	YME1L1
204767_s_at	2.877	FEN1	222744_s_at	7.94	TMLHE	205849_s_at	8.209	UQCRB
1564637_a_at	2.876	FLJ38426	240824_at	7.932	OBFC1	234974_at	8.197	GALM
223151_at	2.874	DCUN1D5	204159_at	7.909	CDKN2C	1558621_at	8.139	CABLES1
242365_at	2.867		209795_at	7.901	CD69	214224_s_at	8.113	PIN4
203771_s_at	2.865	BLVRA	203685_at	7.897	BCL2	218194_at	8.112	REXO2
218911_at	2.865	YEATS4	206857_s_at	7.875	FKBP1B	201268_at	8.095	NME2
211028_s_at	2.864	KHK	222909_s_at	7.873	BAG4	217950_at	8.09	NOSIP
203023_at	2.863	HSPC111	207231_at	7.846	DZIP3	218847_at	8.081	IMP-2
201416_at	2.86	SOX4	229882_at	7.84	RPS15A	51200_at	8.07	FLJ20850
228558_at	2.855	C14orf80	218918_at	7.838	MAN1C1	215113_s_at	8.001	SENP3
209279_s_at	2.849	NSDHL	218792_s_at	7.822	BSPRY	1563077_at	7.973	
219561_at	2.849	COPZ2	1569263_at	7.814	CSNK1D	215624_at	7.972	TSC2
214507_s_at	2.848	EXOSC2	208249_s_at	7.813	TGDS	236816_at	7.931	FLJ13089
203577_at	2.848	GTF2H4	229132_at	7.812	MINA	201558_at	7.835	RAE1
210978_s_at	2.847	TAGLN2	201425_at	7.796	ALDH2	242320_at	7.829	FOXO3A
229894_s_at	2.845	RAB43	209464_at	7.792	AURKB	226006_at	7.807	
228733_at	2.843	PUSL1	223694_at	7.788	TRIM7	242480_at	7.802	MYST3
201825_s_at	2.843	SCCPDH	214978_s_at	7.766	PPFIA4	215066_at	7.788	PTPRF
222064_s_at	2.84	MGC2744	203919_at	7.753	TCEA2	213571_s_at	7.742	EIF4E2
209642_at	2.838	BUB1	209999_x_at	7.738	SOCS1	227167_s_at	7.741	
231978_at	2.838	TPCN2	1555485_s_at	7.737	NY-REN-7	200091_s_at	7.719	RPS25
243107_at	2.837	CCR7	226480_at	7.733	HSA9761	201952_at	7.669	ALCAM
1554036_at	2.834	ZBTB24	222326_at	7.729	PDE4B	201305_x_at	7.666	ANP32B
206150_at	2.834	TNFRSF7	214039_s_at	7.728	LAPTM4B	223012_at	7.646	UBXD1
209895_at	2.832	PTPN11	223229_at	7.727	UBE2T	205292_s_at	7.645	HNRPA2B1
203276_at	2.832	LMNB1	206666_at	7.7	GZMK	213311_s_at	7.645	KIAA1049
226488_at	2.831	RCCD1	216977_x_at	7.687	SNRPA1	213151_s_at	7.593	7-Sep
201802_at	2.83	SLC29A1	213956_at	7.67	CAP350	231087_at	7.589	hSyn
91684_g_at	2.83	EXOSC4	223267_at	7.67	RG9MTD1	226400_at	7.577	CDC42
232322_x_at	2.83	STARD10	201689_s_at	7.662	TPD52	202428_x_at	7.56	DBI
1570021_at	2.823	LOC360030	216041_x_at	7.661	GRN	1556543_at	7.534	ZCCHC7
210156_s_at	2.823	PCMT1	200706_s_at	7.66	LITAF	221700_s_at	7.534	UBA52
1554063_at	2.822	C8orf76	231727_s_at	7.657	AD023	212863_x_at	7.519	CTBP1
200658_s_at	2.82	PHB	213800_at	7.65	CFH	208768_x_at	7.446	RPL22
209496_at	2.819	RARRES2	230588_s_at	7.648	.OC285074 ; LOC388972	206687_s_at	7.443	PTPN6
209967_s_at	2.816	CREM	215659_at	7.647	GSDML	201217_x_at	7.437	RPL3
1554452_a_at	2.815	HIG2	1552362_a_at	7.633	LEAP-2	200655_s_at	7.418	CALM1
209305_s_at	2.811	GADD45B	224799_at	7.631	NDFIP2	220575_at	7.396	FLJ11800
224320_s_at	2.809	MCM8	228468_at	7.625	MASTL	209023_s_at	7.273	STAG2
211162_x_at	2.806	SCD	207855_s_at	7.624	CLCC1	237560_at	7.253	MRPS5
221270_s_at	2.806	QTRT1	214030_at	7.618	DKFZp667G2110	201094_at	7.239	RPS29
214011_s_at	2.805	HSPC111	218620_s_at	7.603	HEMK1	201761_at	7.226	MTHFD2
218529_at	2.801	CD320	221808_at	7.584	RAB9A	225213_at	7.188	TA-PP2C
234863_x_at	2.8	FBXO5	213002_at	7.581	MARCKS	1559331_x_at	7.177	
235446_at	2.799	XIST	214086_s_at	7.574	PARP2	215127_s_at	7.139	RBMS1
202779_s_at	2.791	UBE2S	201912_s_at	7.567	GSPT1	210260_s_at	7.096	TNFAIP8
206337_at	2.791	CCR7	204071_s_at	7.565	TOPORS	200834_s_at	6.993	RPS21
201890_at	2.79	RRM2	235458_at	7.561	HAVCR2	208691_at	6.967	TFRC
226320_at	2.789	THOC4	243888_at	7.552		219007_at	6.953	NUP43
215905_s_at	2.784	WDR57	221745_at	7.551	WDR68	213164_at	6.936	SLC5A3
215123_at	2.782	LOC348162	221651_x_at	7.55	IGKC ; IGKV1-5	211968_s_at	6.914	HSPCA
200629_at	2.782	WARS	208308_s_at	7.546	GPI	1562364_at	6.891	
221649_s_at	2.775	PPAN	239219_at	7.543	AURKB	213614_x_at	6.887	EEF1A1
1555120_at	2.775	CD96	219484_at	7.507	HCFC2	218403_at	6.834	P53CSV
201156_s_at	2.775	RABSC	204562_at	7.499	IRF4	209669_s_at	6.817	SERBP1
241733_at	2.772	C18orf54	219975_x_at	7.481	THEDC1	211946_s_at	6.809	BAT2D1
207574_s_at	2.77	GADD45B	218193_s_at	7.481	GOLT1B	212457_at	6.797	TFE3
222714_s_at	2.767	LACTB2	1555910_at	7.481	PTCD2	207641_at	6.762	TNFRSF13B
201866_s_at	2.765	NR3C1	226432_at	7.468		200653_s_at	6.737	CALM1
218755_at	2.762	KIF20A	201919_at	7.463	FLJ10618	214801_at	6.709	IFRG15
1557055_s_at	2.762	LOC284591	242294_at	7.453		201502_s_at	6.697	NFKBIA
201364_s_at	2.758	OAZ2	222417_s_at	7.453	SNX5	212967_x_at	6.677	NAP1L1
223307_at	2.758	CDCA3	204951_at	7.449	RHOH	212971_at	6.65	CARS
209231_s_at	2.756	DCTN5	242723_at	7.438		210825_s_at	6.634	PBP
218367_x_at	2.756	USP21	226772_s_at	7.43	SAP30L	220298_s_at	6.615	SPATA6
206632_s_at	2.756	APOBEC3B	204411_at	7.426	KIF21B	241203_at	6.568	
1554678_s_at	2.755	HNRPDL	203502_at	7.421	BPGM	223592_s_at	6.441	RNF135
216693_x_at	2.744	HDGFRP3	226665_at	7.412	AHSA2	200775_s_at	6.433	HNRPK
228199_at	2.742		207431_s_at	7.401	DEGS1	212642_s_at	6.389	HIVEP2
231963_at	2.738		209147_s_at	7.396	PPAP2A	202690_s_at	6.384	SNRPD1
220658_s_at	2.736	ARNTL2	216908_x_at	7.392	LOC94431	228299_at	6.368	C6orf69
209157_at	2.734	DNAJA2	218355_at	7.374	KIF4A	212933_x_at	6.354	RPL13
212200_at	2.733	KIAA0692	242470_at	7.37	EID-3	230077_at	6.318	SDHA ; SDHAL2
229548_at	2.732	UNC84B	202626_s_at	7.369	LYN	212587_s_at	6.288	PTPRC
221987_s_at	2.729	FLJ10534	214718_at	7.366	GATAD1	241636_x_at	6.276	
202726_at	2.727	LIG1	244841_at	7.366	SEC24A	200810_s_at	6.273	CIRBP
1563111_a_at	2.723	PIGX	223027_at	7.354	SNX9	209134_s_at	6.269	RPS6
209526_s_at	2.722	HDGFRP3	225102_at	7.335	MGLL	201275_at	6.234	FDPS
225470_at	2.722	NUP35	204791_at	7.312	NR2C1	1565786_x_at	6.223	
225539_at	2.721	ZNF295	221893_s_at	7.306	ADCK2	221905_at	6.221	CYLD
213337_s_at	2.718	SOCS1	210001_s_at	7.305	SOCS1	200009_at	6.214	GDI2
230777_s_at	2.716	PRDM15	203845_at	7.302	PCAF	223474_at	6.212	C14orf4
203362_s_at	2.716	MAD2L1	209406_at	7.289	BAG2	220966_x_at	6.211	ARPC5L
227430_at	2.711	ZC3H10	207980_s_at	7.273	CITED2	228332_s_at	6.209	C11orf31
203945_at	2.711	ARG2	217763_s_at	7.272	RAB31	201760_s_at	6.203	WSB2
238461_at	2.711	EIF4E3	212190_at	7.263	SERPINE2	201104_x_at	6.197	C200030 ; MGC8902 ; AE01 ; AG1 ; LOC440675
202736_s_at	2.707	LSM4	211474_s_at	7.259	SERPINB6	213350_at	6.177	RPS11
229070_at	2.706	C6orf105	213116_at	7.251	NEK3	1564933_at	6.121	PECR
209527_at	2.705	EXOSC2	209967_s_at	7.24	CREM	223797_at	6.111	PRO2852
212194_s_at	2.705	TM9SF4	220358_at	7.238	SNFT	224837_at	6.106	FOXP1
219419_at	2.703	C18orf22	219558_at	7.236	ATP13A3	235238_at	6.072	RaLP
210574_s_at	2.702	NUDC	205063_at	7.232	SIP1	201210_at	6.072	DDX3X
211152_s_at	2.7	HTRA2	215714_s_at	7.231	SMARCA4	236679_x_at	6.005	
205037_at	2.7	RABL4	218676_s_at	7.229	PCTP	1570351_at	5.983	ADAMTS6
201896_s_at	2.7	PSRC1	232094_at	7.225	C15orf29	219966_x_at	5.955	BANP
222610_s_at	2.698	S100PBPR	1557810_at	7.22	CCT5	230871_at	5.944	DHX30
214706_at	2.698	ZNF200	220775_s_at	7.213	UEV3	207243_s_at	5.916	CALM2
209531_at	2.693	GSTZ1	238811_at	7.21	ATP11B	AFFX-HUMRGE/M1009	5.907	SRP68
242438_at	2.692		213469_at	7.193	PGAP1	200829_x_at	5.862	ZNF207

Supplemental Table 3

220688_s_at	2.689	C1orf33	200898_s_at	7.193	MGEA5	222982_x_at	5.839	SLC38A2
221247_s_at	2.688	WBSCR16	214132_at	7.188	ATP5C1	213931_at	5.835	ID2 ; ID2B
212409_s_at	2.687	TOR1AIP1	243107_at	7.186	CCR7	212852_s_at	5.773	TROVE2
218619_s_at	2.686	SUV39H1	1559139_at	7.172	NOC2L	200893_at	5.771	SFRS10
222132_s_at	2.686	MULK	230807_at	7.167	MGC20983	209606_at	5.766	PSCDBP
204014_at	2.685	DUSP4	241936_x_at	7.132		1562955_at	5.758	WDFY1
212004_at	2.684	C1orf144	206383_s_at	7.117	G3BP2	225849_s_at	5.754	SFT2D1
208097_s_at	2.684	TXNDC	242167_at	7.114	C10orf119	1560259_at	5.728	RORA
208778_s_at	2.684	TCP1	37966_at	7.11	PARVB	213089_at	5.701	LOC153561
226118_at	2.683	MGC11266	218715_at	7.108	C17orf40	201254_x_at	5.699	RPS6
201392_s_at	2.679	IGF2R	218696_at	7.106	EIF2AK3	212318_at	5.697	TNPO3
226606_s_at	2.677	GTPBP5	230986_at	7.079	KLF8	203956_at	5.697	MORC2
219071_x_at	2.674	C8orf30A	221998_s_at	7.073	VRK3	224588_at	5.688	XIST
230363_s_at	2.672	INPP5F	1562255_at	7.072	SYTL3	228496_s_at	5.688	CRIM1
221641_s_at	2.672	ACOT9	212227_x_at	7.042	EIF1	208647_at	5.665	FDFT1
223218_s_at	2.67	NFKBIZ	214374_s_at	7.036	PPFIBP1	238678_at	5.659	LOC388312
213851_at	2.665	MGC52022	203116_s_at	7.026	FECH	AFFX-M27830_M	5.644	LOC440118
222029_x_at	2.665	HKE2	227917_at	7.023		218392_x_at	5.594	SFXN1
229132_at	2.664	MINA	217929_s_at	7.022	KIAA0319L	225041_at	5.592	HSMPP8
222606_at	2.66		219135_s_at	7.012	FLJ12681	224820_at	5.552	FAM36A
223299_at	2.657	SEC11L3	225032_at	7.008	FNDC3B	217719_at	5.529	EIF3S6IP
201418_s_at	2.655	SOX4	202104_s_at	7.005	SPG7	230213_at	5.522	MGC2803
227944_at	2.651	PTPN3	202717_s_at	7.003	CDC16	213699_s_at	5.517	YWHAQ ; MIB1
212127_at	2.65	RANGAP1	226034_at	6.999		221798_x_at	5.516	430 ; LOC286444 ; LOC400963 ; LOC440589
211297_s_at	2.649	CDK7	225295_at	6.988	SLC39A10	201033_x_at	5.495	RPLP0
222422_s_at	2.649	NDFIP1	225230_at	6.988	TMEM77	202582_s_at	5.49	RANBP9
210228_at	2.647	CSF2	218229_s_at	6.984	POGK	200819_s_at	5.469	RPS15
224467_s_at	2.644	MGC13096	201520_s_at	6.984	GRSF1	233388_at	5.462	CA12
221712_s_at	2.644	WDR74	203064_s_at	6.98	FOXK2	230980_x_at	5.454	
206974_at	2.642	CXCR6	201313_at	6.98	ENO2	212027_at	5.439	RBM25
218448_at	2.64	C20orf11	218432_at	6.972	FBXO3	200594_x_at	5.431	HNRPU
224869_s_at	2.639	MRPS25	218663_at	6.968	HCAP-G	210646_x_at	5.412	RPL13A
216237_s_at	2.639	MCM5	52159_at	6.966	HEMK1	200741_s_at	5.398	RPS27
205115_s_at	2.637	RBM19	208029_s_at	6.966	LAPTM4B	225834_at	5.354	FAM72A
206857_s_at	2.636	FKBP1B	201708_s_at	6.966	NIPSNAP1	236685_at	5.325	
228829_at	2.634	ATF7	206061_s_at	6.963	DICER1	213477_x_at	5.324	EEF1A1
1555908_at	2.633	C9orf10	211828_s_at	6.957	TNIK	221842_s_at	5.319	ZNF131
36475_at	2.632	GCAT	200866_s_at	6.954	PSAP	200007_at	5.309	SRP14
203265_s_at	2.631	MAP2K4	1557828_a_at	6.953	FLJ32363	201077_s_at	5.287	NHP2L1
226936_at	2.63	C6orf173	213137_s_at	6.952	PTPN2	213583_x_at	5.274	389223 ; LOC440595
200750_s_at	2.63	RAN	222538_s_at	6.941	APPL	201524_x_at	5.254	UBE2N
228355_s_at	2.63	mimitin	201823_s_at	6.935	RNF14	244226_s_at	5.252	SUPT4H1
214243_s_at	2.63	SERHL ; SERHL2	244145_at	6.929	FYCO1	211969_at	5.244	HSPCA
214742_at	2.629	AZI1	208963_x_at	6.929	FADS1	203484_at	5.242	SEC61G
201391_at	2.629	TRAP1	210224_at	6.923	MR1	202748_at	5.237	GBP2
205249_at	2.629	EGR2	221957_at	6.916	PDK3	242191_at	5.218	200030 ; LOC400781
225943_at	2.627	NLN	209696_at	6.913	FBP1	200765_x_at	5.193	CTNNA1
204159_at	2.626	CDKN2C	205770_at	6.887	GSR	225673_at	5.159	MYADM
213560_at	2.623	GADD45B	219188_s_at	6.882	LRP16	216563_at	5.156	ANKRD12
209636_at	2.62	NFKB2	203929_s_at	6.882	MAPT	200905_x_at	5.153	HLA-E
204412_s_at	2.617	NEFH	202021_x_at	6.87	EIF1	213080_x_at	5.127	RPL5
202925_s_at	2.616	PLAGL2	202395_at	6.858	NSF	214749_s_at	5.123	ARMCX6
213520_at	2.61	RECQL4	223454_at	6.845	CXCL16	217966_s_at	5.105	C1orf24
222578_s_at	2.61	UBE1DC1	225786_at	6.841	LOC284702	228993_s_at	5.038	LOC92482
228544_s_at	2.609	CSRP2BP	212194_s_at	6.829	TM9SF4	203312_x_at	5.034	ARF6
209695_at	2.607	PTP4A3	1553252_a_at	6.827	BRWD3	.FFX-HUMGAPDH/M331	5.033	GAPDH
209861_s_at	2.605	METAP2	202100_at	6.824	RALB	208845_at	5.022	VDAC3
214467_at	2.605	GPR65	222666_s_at	6.822	RCL1	200088_x_at	5.012	RPL12
201710_at	2.603	MYBL2	222811_at	6.818	FLJ11171	230042_at	5	
208967_s_at	2.601	AK2	214833_at	6.815	TMEM63A	217982_s_at	4.986	MORF4L1
241433_at	2.6	RCOR3	38671_at	6.813	PLXND1	232342_at	4.984	FLJ22405
209147_s_at	2.599	PPAP2A	229618_at	6.805	SNX16	227278_at	4.978	
207351_s_at	2.598	SH2D2A	48659_at	6.805	IIP45	222976_s_at	4.938	TPM3
201457_x_at	2.596	BUB3	218008_at	6.8	FLJ10099	210867_at	4.924	CNOT4
223222_at	2.595	SLC25A19	238457_at	6.79	DGKE	228040_at	4.902	221881 ; LOC401510
1554510_s_at	2.594	GHITM	214875_x_at	6.78	APLP2	200717_x_at	4.898	RPL7
233588_x_at	2.594	HKE2	228578_at	6.776	DRB1	1559259_at	4.892	AKAP8L
239657_x_at	2.594	FOXO6	204376_at	6.775	VprBP	236029_at	4.89	
223452_s_at	2.593	DKFZP564J0863	226886_at	6.774		218571_s_at	4.885	CHMP4A
224632_at	2.59	GPATC4	205633_s_at	6.741	ALAS1	200686_s_at	4.873	SFRS11
221185_s_at	2.589	IQCG	203688_at	6.74	PKD2	244029_at	4.846	CPNE5
209832_s_at	2.588	CDT1	210946_at	6.737	PPAP2A	211921_x_at	4.841	PTMA
209339_at	2.588	SIAH2	223120_at	6.73	FUCA2	202824_s_at	4.814	TCEB1
223181_at	2.586	C18orf55	239450_at	6.727	ANKRD12	236394_at	4.782	
238022_at	2.585		204460_s_at	6.723	RAD1	217740_x_at	4.744	RPL7A
1555826_at	2.583	BIRC5	221766_s_at	6.714	FAM46A	218946_at	4.727	HIRIP5
212165_at	2.582	C1orf37	200883_at	6.714	UQCRC2	218067_s_at	4.693	FLJ10154
222036_s_at	2.58	MCM4	208442_s_at	6.695	ATM	238384_x_at	4.689	GPR39
225826_at	2.579	MMAB	215269_at	6.695	TMEM1	215450_at	4.679	
209233_at	2.576	C2F	224847_at	6.69	CDK6	242644_at	4.66	EVER2
219664_s_at	2.576	DECR2	230226_s_at	6.69	JARID1A	219762_s_at	4.656	RPL36
223664_x_at	2.574	BCL2L13	201536_at	6.681	DUSP3	212959_s_at	4.65	GNPTAB
213907_at	2.574	EEF1E1	227963_at	6.68	FLJ35696	209066_x_at	4.649	UQCRB
222748_s_at	2.573	TXNL4B	202722_s_at	6.679	GFPT1	225799_at	4.614	C4677 ; LOC541471
207039_at	2.573	CDKN2A	244470_at	6.678	RNF12	226131_s_at	4.585	RPS16
45749_at	2.572	FAM65A	240108_at	6.673	LOC148490	202028_s_at	4.58	
222962_s_at	2.569	MCM10	224796_at	6.669	DDEF1	222320_at	4.562	HRPT2
207720_at	2.565	LOR	201170_s_at	6.667	BHLHB2	233599_at	4.533	C9orf3
1560762_at	2.565	LOC285972	214508_x_at	6.658	CREM	217788_s_at	4.513	GALNT2
229863_s_at	2.565	FLJ20211	203582_s_at	6.653	RAB4A	204571_x_at	4.498	PIN4
204283_at	2.565	FARS2	228453_at	6.638	LOC284267	216246_at	4.485	
201316_at	2.564	PSMA2	217909_s_at	6.627	MLX	228071_at	4.474	GIMAP7
202810_at	2.56	DRG1	200831_s_at	6.618	SCD	1557164_a_at	4.445	C9orf130
225030_at	2.553	FAM44B	205270_s_at	6.617	LCP2	238390_at	4.422	GPR39
208744_x_at	2.553	HSPH1	204243_at	6.615	RLF	224885_s_at	4.402	KRTCAP2
1559064_at	2.552	NUP153	216944_s_at	6.614	ITPR1	210996_s_at	4.395	YWHAE
1553954_at	2.548	ALG14	202888_s_at	6.598	ANPEP	1558678_s_at	4.352	MALAT1
208581_x_at	2.546	MT1X	212470_at	6.598	SPAG9	201026_at	4.349	EIF5B
200883_at	2.546	UQCRC2	205664_at	6.592	KIN	225194_at	4.342	PLRG1
220094_s_at	2.542	C6orf79	205541_s_at	6.591	GSPT2	217733_s_at	4.331	TMSB10
202170_s_at	2.541	AASDHPPT	1558920_at	6.581		215096_s_at	4.321	ESD
220516_at	2.54	ZSCAN2	203753_at	6.58	TCF4	200772_x_at	4.293	PTMA
240232_at	2.539	C3orf1	204350_s_at	6.574	CRSP9	200912_s_at	4.284	EIF4A2
205443_at	2.537	SNAPC1	64438_at	6.572	FLJ22222	211996_s_at	4.265	17 ; LOC348162 ; LOC440354 ; LOC613037
209477_at	2.534	EMD	226403_at	6.57	TMC4	239017_at	4.261	
218695_at	2.534	EXOSC4	204127_at	6.564	RFC3	200081_s_at	4.211	RPS6
223144_s_at	2.534	C6orf166	235221_at	6.561		223047_at	4.206	CKLFSF6
229157_at	2.533	OC441301 ; LOC442647	221999_at	6.557	VRK3	200047_s_at	4.159	YY1
211708_s_at	2.532	SCD	209846_s_at	6.554	BTN3A2	201994_at	4.133	MORF4L2
1555758_a_at	2.528	CDKN3	202084_s_at	6.55	SEC14L1	209540_at	4.119	IGF1
203881_s_at	2.527	DMD	239585_at	6.543	PCAF	201300_s_at	4.119	PRNP
218128_at	2.525	NFYB	218951_s_at	6.537	PLCXD1	213102_at	4.1	ACTR3
219551_at	2.525	EAF2	210130_s_at	6.527	TM7SF2	207127_s_at	4.09	HNRPH3
222672_at	2.524	C6orf149	221497_x_at	6.525	EGLN1	217501_at	4.074	WDR39
222303_at	2.522		241954_at	6.509	FDFT1	229905_at	4.069	
202993_at	2.519	ILVBL	233559_s_at	6.502	WDFY1	226740_x_at	4.058	AG1
33767_at	2.518	NEFH	239804_at	6.475	CCNI	222103_at	4.048	ATF1
213810_s_at	2.517	C6orf166	204312_x_at	6.472	CREB1	217286_s_at	4.028	NDRG3
204460_s_at	2.516	RAD1	203578_s_at	6.472	SLC7A6	208809_s_at	4.021	C6orf62
218971_s_at	2.513	HSPC049	225836_s_at	6.471	MGC13204	208905_at	4.013	CYCS
222781_s_at	2.513	C9orf40	209525_at	6.468	HDGFRP3	200642_at	3.976	SOD1
222432_s_at	2.506	GK001	242008_at	6.466	AGTPBP1	229490_s_at	3.968	IQGAP3
203545_at	2.502	ALG8	212038_s_at	6.463	VDAC1	225155_at	3.942	C6orf160
223172_s_at	2.502	MTP18	242878_at	6.458		225967_s_at	3.938	LOC284184
219255_x_at	2.502	IL17RB	233813_at	6.457	PPP1R16B	202345_s_at	3.923	FABP5

Supplemental Table 3

217482_at	0.4	ZNF609	223281_s_at	6.452	COX15	203380_x_at	3.877	SFRS5
235410_at	0.399	NPHP3	213459_at	6.451	RPL37A	213588_x_at	3.875	RPL14
230786_at	0.399		242859_at	6.449	TFCP2	214111_at	3.87	OPCML
226742_at	0.398		202779_s_at	6.442	UBE2S	206559_x_at	3.861	EEF1A1
209827_s_at	0.398	IL16	226413_at	6.434	LOC400027	210946_at	3.861	PPAP2A
239533_at	0.398	GPR155	230721_at	6.425	C16orf52	208374_s_at	3.858	CAPZA1
240521_at	0.398		202012_s_at	6.414	EXT2	201859_at	3.856	PRG1
239179_at	0.398	CAMK2G	218756_s_at	6.411	MGC4172	209897_s_at	3.834	SLIT2
225093_at	0.398	UTRN	208290_s_at	6.411	EIF5	216550_x_at	3.833	ANKRD12
226095_s_at	0.398	LOC146517	221988_at	6.41	MGC2747	1568589_at	3.824	C10orf74
242349_at	0.398	HECTD1	231871_at	6.407	ITR	208942_s_at	3.822	TLOC1
1568706_s_at	0.397		201112_s_at	6.403	CSE1L	213828_x_at	3.804	3F3A ; LOC440926
224444_s_at	0.397	C1orf97	204262_s_at	6.396	PSEN2	225413_at	3.786	USMG5
226919_at	0.397	DJ122O8.2	207113_s_at	6.382	TNF	206555_s_at	3.778	THUMPD1
243648_at	0.396		200628_s_at	6.377	WARS	237533_at	3.768	FLJ10094
221834_at	0.396	SIAH1	218861_at	6.374	RNF25	1563226_at	3.768	MGC15523
229193_at	0.396	CROP	224802_at	6.369	NDFIP2	214042_s_at	3.746	RPL22
231985_at	0.396	MICAL3	221904_at	6.358	MGC21688	1570439_at	3.742	MAP3K4
205511_at	0.396	FLJ10038	211760_s_at	6.355	VAMP4	221012_s_at	3.734	TRIM8
232509_at	0.396	PDE4DIP	229454_at	6.35	BCLAF1	241004_at	3.701	GAB2
220399_at	0.396	FLJ22639	1555638_a_at	6.349	SAMSN1	200937_s_at	3.693	RPL5
228242_at	0.396		202533_s_at	6.347	DHFR	223013_at	3.668	TBL1XR1
204438_at	0.396	MRC1 ; MRC1L1	206316_s_at	6.345	KNTC1	1562468_at	3.667	IL1RAP
206848_at	0.396	HOXA7	204003_s_at	6.327	NUPL2	213890_x_at	3.652	RPS16
231166_at	0.395	GPR155	208828_at	6.323	POLE3	207335_x_at	3.651	ATP5I
212650_at	0.395	EHBP1	1558233_s_at	6.313	ATF1	200012_x_at	3.617	RPL21
228737_at	0.395	C20orf100	218241_at	6.303	GOLGA5	235132_at	3.609	LOC254128
243495_s_at	0.395		207509_s_at	6.292	LAIR2	200023_s_at	3.549	EIF3S5
220704_at	0.395	ZNFN1A1	232432_s_at	6.287	SLC30A5	221767_x_at	3.548	HDLBP
1556657_at	0.394	MBNL1	205214_at	6.285	STK17B	226694_at	3.523	PALM2-AKAP2
231292_at	0.394	EID3	218465_at	6.281	TMEM33	1554250_s_at	3.507	TRIM50B
206205_at	0.394	MPHOSPH9	201009_s_at	6.279	TXNIP	200797_s_at	3.501	MCL1
225017_at	0.394	CCDC14	202555_s_at	6.251	MYLK	200781_s_at	3.5	RPS15A
228528_at	0.394		222789_at	6.247	RSBN1	231886_at	3.495	
240238_at	0.394	TBC1D22A	209054_s_at	6.241	WHSC1	1563228_x_at	3.476	MGC15523
230401_at	0.394	NUPL2	204752_x_at	6.24	PARP2	211974_x_at	3.476	RBPSUH
231111_at	0.393	PACE-1	238694_at	6.24	DGKE	211720_x_at	3.461	RPLP0
230669_at	0.393	RASA2	1553713_a_at	6.234	RHEBL1	230590_at	3.459	SSH2
225724_at	0.393	FLJ31306	214048_at	6.23	MBD4	200971_s_at	3.458	SERP1
1555500_s_at	0.393	SLC2A4RG	205809_s_at	6.23	WASL	200934_at	3.452	DEK
239585_at	0.393	PCAF	225576_at	6.225	C6orf72	207585_s_at	3.44	RPL36AL
242586_at	0.393	MGC45564	201039_s_at	6.225	RAD23A	201844_s_at	3.435	RYBP
242337_at	0.392	IGBP1	206729_at	6.224	TNFRSF8	200063_s_at	3.422	NPM1
239135_at	0.392		218582_at	6.224	5-Mar	212500_at	3.417	C10orf22
218451_at	0.392	CDCP1	204624_at	6.214	ATP7B	1564129_a_at	3.416	QPRT
1565692_at	0.391		210389_x_at	6.199	TUBD1	213507_s_at	3.413	KPNB1
1559232_a_at	0.391	SLC33A1	232466_at	6.198	CUL4A	231385_at	3.355	DPPA3
228006_at	0.391	PTEN	221591_s_at	6.195	FAM64A	203186_s_at	3.343	S100A4
207499_x_at	0.39	SMAP-1	225043_at	6.193	SLC15A4	32091_at	3.34	KIAA0446
225051_at	0.39	EPB41	215555_at	6.188		208856_x_at	3.34	RPLP0
230815_at	0.39	LOC389765	201772_at	6.188	AZIN1	209075_s_at	3.294	NIFUN
212243_at	0.39	GRINL1A ; Gcom1	243829_at	6.185	BRAF	213735_s_at	3.292	COX5B
213343_s_at	0.39	GDPD5	204641_at	6.184	NEK2	232511_at	3.282	RANBP2L1
242008_at	0.389	AGTPBP1	225305_at	6.182	SLC25A29	237426_at	3.221	SP100
235729_at	0.389	ZNF514	1555037_a_at	6.18	IDH1	211951_at	3.216	NOLC1
219014_at	0.389	PLAC8	222642_s_at	6.179	TMEM33	228376_at	3.215	GGTA1
1565703_at	0.389	SMAD4	1563860_at	6.178	LOC400965	224592_x_at	3.212	HP1BP3
213373_s_at	0.389	CASP8	202906_s_at	6.169	NBN	232889_at	3.211	LOC153561
239695_at	0.388	JAK1	218450_at	6.162	HEBP1	1558075_at	3.206	PKD1
229315_at	0.388		200951_s_at	6.162	CCND2	213941_x_at	3.167	RPS7
239780_at	0.388	KIF1B	218734_at	6.161	FLJ13848	233518_at	3.166	
228466_at	0.388		218173_s_at	6.154	WHSC1L1	231324_at	3.166	SMARCB1
243366_s_at	0.388		201397_at	6.145	PHGDH	201553_s_at	3.148	LAMP1
218614_at	0.387	FLJ10652	224872_at	6.139	KIAA1463	1560443_at	3.142	KIAA0650
1559413_at	0.387	MGC40368	204146_at	6.138	RAD51AP1	227406_at	3.14	GABPB2
227114_at	0.387	DKFZp547C195	209580_s_at	6.129	MBD4	212646_at	3.133	RAFTLIN
213666_at	0.387	6-Sep	218025_s_at	6.118	PECI	201812_s_at	3.125	)MM7 ; LOC201725
230383_x_at	0.386		209508_x_at	6.113	CFLAR	200809_x_at	3.105	RPL12
226179_at	0.386	SLC25A37	224968_at	6.111	MGC15407	225814_at	3.104	XRN1
244457_at	0.386	ITPR2	213304_at	6.109	KIAA0423	229353_s_at	3.099	NUCKS1
233813_at	0.386	PPP1R16B	201193_at	6.109	IDH1	200977_s_at	3.086	TAX1BP1
220987_s_at	0.386	C11orf17 ; NUAK2	242918_at	6.104	NASP	201306_s_at	3.078	ANP32B
239721_at	0.386	UBE2H	229631_at	6.094	FLJ32752	221923_s_at	3.074	NPM1
228349_at	0.386		216006_at	6.089		213513_x_at	3.073	ARPC2
231199_at	0.385	MAK3	211071_s_at	6.088	MLLT11	222160_at	3.064	AKAP8L
229765_at	0.385		209193_at	6.087	PIM1	214271_x_at	3.062	RPL12
214964_at	0.385	KIAA1856	228940_at	6.084	NDUFB4	233449_at	3.045	
224813_at	0.385	WASL	223929_s_at	6.078		212042_x_at	3.039	RPL7
232583_at	0.385		207071_s_at	6.073	ACO1	214800_x_at	3.037	BTF3
1559528_at	0.384		227653_at	6.073	TRMT5	217456_x_at	3.032	HLA-E
217317_s_at	0.384	D15F37 ; LOC440248	209279_s_at	6.07	NSDHL	213377_x_at	3.02	RPS12
238880_at	0.384	GTF3A	212409_s_at	6.058	TOR1AIP1	202244_at	3.01	PSMB4
213998_s_at	0.384	DDX17	228454_at	6.04	MLR2	214988_s_at	2.997	SON
236545_at	0.383	PPP3CA	201299_s_at	6.04	MOBK1B	208095_s_at	2.991	SRP72
238602_at	0.383	MGC42174	223292_s_at	6.037	MRPS15	221943_x_at	2.986	RPL38
1558692_at	0.383	MGC13102	211675_s_at	6.031	MDFIC	222428_s_at	2.964	LARS
226929_at	0.383	MTHFR	207170_s_at	6.03	LETMD1	226084_at	2.945	MAP1B
205786_s_at	0.382	ITGAM	224469_s_at	6.022	C14orf151	1556690_s_at	2.941	ZNF42
207347_at	0.382	ERCC6	1552787_at	6.022	HELB	202110_at	2.938	COX7B
214132_at	0.382	ATP5C1	219100_at	6.021	OBFC1	214395_x_at	2.898	EEF1D
219269_at	0.382	FLJ21616	231956_at	6.017	KIAA1618	212593_s_at	2.89	PDCD4
228191_at	0.382		209091_s_at	6.014	SH3GLB1	226052_at	2.888	BRD4
206011_at	0.382	CASP1	219452_at	6.011	DPEP2	201227_s_at	2.849	NDUFB8
206584_at	0.382	LY96	232210_at	6.007	BCL2	201597_at	2.84	COX7A2
230580_at	0.381		228592_at	6.006	MS4A1	1563110_at	2.837	CNTNAP2
208634_s_at	0.38	MACF1	227433_at	6.005	KIAA2018	209118_s_at	2.83	TUBA3
228024_at	0.38		203594_at	6.005	RTCD1	200680_x_at	2.821	HMGB1
214714_at	0.38	ZNF394	203076_s_at	6.001	SMAD2	224373_s_at	2.819	
227152_at	0.38	FLJ10652	201275_at	5.986	FDPS	225081_s_at	2.813	CDCA7L
1559188_x_at	0.38	PRKXP1	227447_at	5.982	SKIV2L2	213911_s_at	2.813	H2AFZ
236780_at	0.379	ARPC5L	221487_s_at	5.971	ENSA	201097_s_at	2.809	ARF4
228001_at	0.379	TMEM50B	223834_at	5.967	CD274	207988_s_at	2.808	ARPC2
230115_at	0.379	DKFZp779M0652	200890_s_at	5.965	SSR1	234464_s_at	2.801	EME1
222597_at	0.379	SNAP29	201485_s_at	5.963	RCN2	1558444_at	2.775	
228561_at	0.379	CDC37L1	219453_at	5.958	C16orf44	228765_at	2.756	GTF2IRD2
239571_at	0.379	MEF2A	1554167_a_at	5.953	GOLGA7	204219_s_at	2.748	PSMC1
226129_at	0.379	FLJ46072	201411_s_at	5.95	PLEKHB2	236907_at	2.74	PABPC1
228925_at	0.378		1569315_s_at	5.947		204386_s_at	2.74	MRP63
204352_at	0.378	TRAF5	229629_at	5.945		201533_at	2.74	CTNNB1
209410_s_at	0.378	GRB10	212749_s_at	5.944	RCHY1	200017_at	2.735	RPS27A
244753_at	0.378	ACTN4	219634_at	5.942	CHST11	229076_s_at	2.732	TOMM22
238728_at	0.378		231291_at	5.935		217773_s_at	2.731	NDUFA4
226775_at	0.378	ENY2	204392_at	5.934	CAMK1	1562529_s_at	2.72	RORA
214415_at	0.378		200069_at	5.933	SART3	1553567_s_at	2.703	ATP13A5
219229_at	0.377	SLCO3A1	209471_s_at	5.93	FNTA	224511_s_at	2.695	TXNL5
1558560_s_at	0.377	BLZF1	222503_s_at	5.921	WDR41	200863_s_at	2.688	RAB11A
243785_at	0.377	FUBP3	1554569_a_at	5.918	CUGBP2	220547_s_at	2.679	FAM35A
228658_at	0.377	LOC150271	217905_at	5.915	C10orf119	212132_at	2.676	FAM61A
227917_at	0.377		221641_s_at	5.905	ACOT9	202698_x_at	2.664	COX4I1
235816_s_at	0.377	Rgr	221752_at	5.898	SSH1	200833_s_at	2.658	RAP1B
1559132_at	0.377		229464_at	5.897	MYEF2	242712_x_at	2.654	2L1 ; DKFZp686P0288 ; RANBP2L2
229153_at	0.377		219551_at	5.889	EAF2	201586_s_at	2.646	SFPQ
229497_at	0.376	LOC348094	209608_s_at	5.877	ACAT2	242589_x_at	2.644	DOCK5
221840_at	0.376	PTPRE	204126_s_at	5.858	CDC45L	204254_s_at	2.634	VDR
210694_s_at	0.376		202953_at	5.852	C1QB	213857_s_at	2.626	CD47

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228953_at	0.376	KIAA1971	206380_s_at	5.851	PFC	202230_s_at	2.617	CHERP
217164_at	0.376		203356_at	5.849	CAPN7	1555961_a_at	2.612	HINT1
239175_at	0.376	AFTIPHILIN	214741_at	5.841	ZNF131	218011_at	2.605	UBL5
218380_at	0.375	NALP1	201696_at	5.839	SFRS4	235123_at	2.592	
233595_at	0.374	USP34	238440_at	5.833	CLYBL	201565_s_at	2.579	ID2
235167_at	0.374	DKFZp547E087	235061_at	5.828	PPM1K	201492_s_at	2.576	RPL41
214958_s_at	0.374	EVER1	206118_at	5.825	STAT4	213801_x_at	2.574	.OC388524 ; LOC388654
210986_s_at	0.374	TPM1	225285_at	5.818	BCAT1	200715_x_at	2.547	RPL13A
239086_at	0.373	C9orf103	226390_at	5.812	STARD4	236725_at	2.508	KIBRA
233375_at	0.373	EFCAB2	203821_at	5.81	HBEGF	217807_s_at	2.502	GLTSCR2
219376_at	0.372	ZNF322B	219114_at	5.807	C3orf18	225169_at	2.488	MGC16733
221601_s_at	0.372	FAIM3	1553274_a_at	5.806	C6orf151	232164_s_at	2.488	EPPK1
238736_at	0.372	REV3L	225378_at	5.798	VPS37A	1553569_at	2.484	
244532_x_at	0.372		222995_s_at	5.796	RHBDL7	221691_x_at	2.469	NPM1
229261_at	0.372	SOS1	204728_s_at	5.789	WDHD1	243293_at	2.454	
39248_at	0.371	AQP3	216693_x_at	5.78	HDGFRP3	211787_s_at	2.454	EIF4A1
234989_at	0.371	TncRNA	229393_at	5.779	L3MBTL3	233019_at	2.45	CNOT7
236314_at	0.371		1570253_a_at	5.778	RHEBL1	202076_at	2.439	BIRC2
225034_at	0.371	LOC286167	225154_at	5.776	SYAP1	200763_s_at	2.424	RPLP1
244042_x_at	0.371		203265_s_at	5.776	MAP2K4	211730_s_at	2.422	POLR2L
1552343_s_at	0.37	PDE7A	1560861_at	5.775		213084_x_at	2.421	RPL23A
220577_at	0.37	GVIN1	225300_at	5.775	C15orf23	219105_x_at	2.391	ORC6L
214369_s_at	0.37	RASGRP2	208620_at	5.767	PCBP1	214317_x_at	2.388	RPS9
1561195_at	0.37	TM7SF1	202680_at	5.765	GTF2E2	230734_x_at	2.369	STRN
236224_at	0.37	RIT1	202988_s_at	5.743	RGS1	202425_x_at	2.361	PPP3CA
1560443_at	0.369	KIAA0650	218873_at	5.723	GON4	204198_s_at	2.361	RUNX3
243264_s_at	0.369	SGK3 ; C8orf44	201303_at	5.721	DDX48	1558828_s_at	2.337	LOC401212
230014_at	0.369	YPEL5	207616_s_at	5.72	TANK	210588_x_at	2.334	HNRPH3
244550_at	0.368	TFDP1	203574_at	5.717	NFIL3	202029_x_at	2.331	RPL38
205871_at	0.368	GLB2 ; PLGLB1 ; PLGLA1	203087_s_at	5.713	KIF2	236134_at	2.331	WDR68
1557289_s_at	0.367	GTF2IRD2	236064_at	5.7	SLC25A35	229606_at	2.328	PPP3CA
206804_at	0.367	CD3G	1555580_at	5.696		201795_at	2.325	LBR
222900_at	0.367	NRIP3	218521_s_at	5.696	UBE2W	206790_s_at	2.317	NDUFB1
1559331_x_at	0.367		1559044_at	5.696	EXOSC1	200886_s_at	2.304	PGAM1
235537_at	0.366	OCIAD1	221985_at	5.689	KLHL24	225501_at	2.304	PHF6
241996_at	0.366		1566303_s_at	5.681	PPP1R11	214328_s_at	2.291	HSPCA
218589_at	0.366	P2RY5	212130_x_at	5.669	EIF1	224372_at	2.273	
232664_at	0.366	FLJ12334	218726_at	5.665	DKFZp762E1312	209193_at	2.268	PIM1
1559420_x_at	0.365	CACNB2	223484_at	5.663	NMES1	217700_at	2.259	MGC40499
241906_at	0.365	ZNF15L1	219376_at	5.663	ZNF322B	204906_at	2.248	RPS6KA2
1558459_s_at	0.365	LOC401320	209305_s_at	5.662	GADD45B	200630_x_at	2.241	SET
242693_at	0.364	CDC2L5	204483_at	5.661	ENO3	214257_s_at	2.237	SEC22L1
229221_at	0.364	CD44	222774_s_at	5.661	NETO2	213539_at	2.233	CD3D
1559449_a_at	0.364	ZNF539	203313_s_at	5.661	TGIF	237753_at	2.223	
232794_at	0.364	LOC153682	201659_s_at	5.653	ARL1	215387_x_at	2.216	GPC6
201739_at	0.363	SGK	202166_s_at	5.645	PPP1R2	214394_x_at	2.216	
232696_at	0.363	FLJ32702	200867_at	5.641	ZNF313	213390_at	2.205	C19orf7
226581_at	0.363	ZFYVE20	202636_at	5.638	RNF103	1553570_x_at	2.198	
227373_at	0.363	LOC146517	221290_s_at	5.637	MUM1	204786_s_at	2.198	IFNAR2
238652_at	0.362	AOF2	226331_at	5.635	BBX	208956_x_at	2.188	DUT
1559054_a_at	0.362	PPP1R7	203708_at	5.635	PDE4B	221509_at	2.186	DENR
226136_at	0.361		213538_at	5.634	SON	204528_s_at	2.184	NAP1L1
212690_at	0.361	DDHD2	238738_at	5.633	PSMD7	202442_at	2.159	AP3S1
220940_at	0.361	KIAA1641	204348_s_at	5.627	AK3L1	208805_at	2.132	PSMA6
236295_s_at	0.36	NOD3	230664_at	5.61	MGC39900	208901_s_at	2.127	TOP1
1558486_at	0.36	LOC115648	214241_at	5.607	NDUFB8	214150_x_at	2.126	ATP6V0E
229111_at	0.36	MASP2	212175_s_at	5.604	AK2	200633_at	2.122	UBB
213359_at	0.36	HNRPD	239954_at	5.601	ZNF160	243178_at	2.116	RNF149
1552611_a_at	0.36	JAK1	204092_s_at	5.6	STK6	211956_s_at	2.106	EIF1
232769_at	0.359	IHPK1	207124_s_at	5.589	GNB5	208808_s_at	2.1	HMGB2
239476_at	0.359	PIK3R1	225941_at	5.584	EIF4E3	211600_at	2.098	
227168_at	0.358	FLJ25967	1554351_a_at	5.579	TIPRL	214316_x_at	2.093	CALR
238859_at	0.358	KIAA0974	213188_s_at	5.578	MINA	209563_x_at	2.091	CALM1
1558783_at	0.358	WTAP	202497_x_at	5.577	SLC2A3	229980_s_at	2.073	SNX5
228055_at	0.357	NAPSB	206120_at	5.575	CD33	209492_x_at	2.064	ATP5I
214918_at	0.357	HNRPM	209922_at	5.575	BRAP	224321_at	2.047	TMEFF2
204976_s_at	0.357	AMMECR1	239557_at	5.574	LRRFIP2	202001_s_at	2.045	NDUFA6
232615_at	0.357	FLJ39739	240247_at	5.573		212473_s_at	2.041	MICAL2
240789_at	0.357	WDR44	219254_at	5.571	FLJ22222	222487_s_at	2.035	RPS27L
237577_at	0.357	PCNP	218645_at	5.57	ZNF277	223514_at	2.026	CARD11
1557733_a_at	0.356		227867_at	5.564	LOC129293	217938_s_at	2.016	KCMF1
236836_at	0.356	TBCA	204061_at	5.557	PRKX	224187_x_at	2.013	HSPA8
220350_at	0.356	ZNF235	207845_s_at	5.556	ANAPC10	239404_at	0.499	TOP1
231029_at	0.356		209348_s_at	5.549	MAF	1566267_at	0.496	LTBP1
226269_at	0.356	GDAP1	238736_at	5.549	REV3L	224425_x_at	0.496	LOC440888
227641_at	0.356	FBXL16	209158_s_at	5.547	PSCD2	204049_s_at	0.495	PHACTR2
220035_at	0.355	NUP210	212279_at	5.543	MAC30	224288_x_at	0.494	
219505_at	0.355	CECR1	208315_x_at	5.536	TRAF3	227026_at	0.492	HSMPP8
228647_at	0.355	NINJ2	244357_at	5.529	LOC64744	214722_at	0.489	NOTCH2NL
212443_at	0.355	NBEAL2	228486_at	5.528	SLC44A1	200691_s_at	0.485	HSPA9B
203549_s_at	0.355	LPL	239917_at	5.525		200639_s_at	0.484	YWHAZ
205583_s_at	0.354	CXorf45	204638_at	5.52	ACP5	213414_s_at	0.482	RPS19
213641_at	0.354	ZNF500	202856_s_at	5.516	SLC16A3	1556203_a_at	0.482	SRGAP2
209447_at	0.353	SYNE1	1554676_at	5.499	PRG1	240257_at	0.481	SYNJ2
226142_at	0.353	GLIPR1	209139_s_at	5.493	PRKRA	241617_x_at	0.479	
1568865_at	0.352	FNTB	220080_at	5.485	FBXL8	1567912_s_at	0.476	CT45-4 ; CT45-5 ; CT45-6 ; CT45-1
239969_at	0.352	DENR	203560_at	5.483	GGH	241737_x_at	0.473	RYR1
230563_at	0.352	RASGEF1A	208639_x_at	5.477	PDIA6	AFFX-r2-Ec-bioC-5	0.466	bioC
237438_at	0.352	EXOSC1	1554352_s_at	5.476	MYCPBP	211995_x_at	0.465	ACTG1
238902_at	0.352	LOC115294	201727_s_at	5.474	ELAVL1	235693_at	0.464	
233765_at	0.351		224753_at	5.465	CDCA5	221607_x_at	0.464	ACTG1
236107_at	0.35	FLJ13855	225955_at	5.463	METRNL	211970_x_at	0.464	ACTG1
211090_s_at	0.35	PRPF4B	225690_at	5.45	CRK7	237483_at	0.464	PLEKHA5
239062_at	0.35		232095_at	5.447	SRGAP2	211963_s_at	0.463	ARPC5
221581_s_at	0.35	LAT2	221671_x_at	5.445	IGKC ; IGKV1-5	203917_at	0.462	CXADR
1559426_at	0.349	SMURF1	210216_x_at	5.444	RAD1	1557981_at	0.461	RPS9
228487_s_at	0.349	RREB1	219562_at	5.441	RAB26	AFFX-r2-Ec-bioB-3	0.459	bioB
235274_at	0.349		227751_at	5.44	PDCD5	213687_s_at	0.459	RPL35A
225610_at	0.349	UHRF2	221286_s_at	5.438	PACAP	213214_x_at	0.456	ACTG1
230753_at	0.349	LOC197135	229327_s_at	5.423	MAF	201201_at	0.455	CSTB
232171_x_at	0.349	KLHDC4	215346_at	5.421	CD40	216859_x_at	0.451	
1556323_at	0.349	CUGBP2	226642_s_at	5.415	NUDCD2	243993_at	0.449	PCTK2
222282_at	0.348	USP13	221845_s_at	5.407	CLPB	1558906_a_at	0.448	
237322_at	0.348		201950_x_at	5.406	CAPZB	1561596_at	0.447	GTF2IRD2
229466_at	0.347	LOC256273	209095_at	5.397	DLD	201426_s_at	0.446	VIM
1556072_at	0.347	FLJ40542	203564_at	5.384	FANCG	1557521_a_at	0.446	
205538_at	0.347	CORO2A	232614_at	5.384	BCL2	AFFX-BioB-5_at	0.446	bioB
218962_s_at	0.347	FLJ13576	212463_at	5.38	CD59	212363_x_at	0.445	ACTG1
227384_s_at	0.347		218795_at	5.379	ACP6	242859_at	0.445	TFCP2
227087_at	0.347	INPP4A	214484_s_at	5.375	OPRS1	244840_x_at	0.444	
1559023_a_at	0.347	KIAA0494	222088_s_at	5.375	SLC2A3 ; SLC2A14	242506_at	0.444	SND1
202498_s_at	0.346	SLC2A3	218461_at	5.374	ATPBD1C	AFFX-r2-Ec-bioC-3	0.443	bioC
206404_at	0.346	FGF9	226456_at	5.362	MGC24665	AFFX-BioC-5_at	0.438	bioC
1557718_at	0.346	PPP2R5C	212240_s_at	5.358	PIK3R1	201550_x_at	0.437	ACTG1
212074_at	0.346	UNC84A	211703_s_at	5.353	TM2D1	1567213_at	0.436	PNN
1560089_at	0.345	LOC286208	203536_s_at	5.349	WDR39	AFFX-r2-Ec-bioB-M	0.435	bioB
205488_at	0.345	GZMA	208771_s_at	5.343	LTA4H	235119_at	0.433	TAF3
1570585_at	0.345	LOC196264	227595_at	5.34	ZMYM6	225292_at	0.432	COL27A1
81811_at	0.345		226643_s_at	5.34	LOC134492	208761_s_at	0.431	SUMO1
228113_at	0.345	RAB37	203386_at	5.332	TBC1D4	212988_x_at	0.431	ACTG1
240665_at	0.345	CUGBP2	239018_at	5.33	WBSCR18	225808_at	0.428	LOC124512
1557331_at	0.345	POLR1B	202589_at	5.33	TYMS	AFFX-BioDn-3 a	0.428	bioD
242701_at	0.344	TBRG1	217813_s_at	5.328	SPIN	210800_at	0.425	
214169_at	0.344	UNC84A	53071_s_at	5.325	FLJ22222	222380_s_at	0.423	
239408_at	0.344	CCM2	206486_at	5.318	LAG3	242646_at	0.42	SUV420H1

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213659_at	0.344	ZNF75	206631_at	5.312	PTGER2	233333_x_at	0.42	AVIL
217047_s_at	0.344	FAM13A1	1564077_at	5.304	LOC285513	227227_at	0.417	
244061_at	0.344	ARHGAP15	211018_at	5.294	LSS	AFFX-BioB-M_at	0.417	bioB
238548_at	0.343	RNF24	204116_at	5.288	IL2RG	243367_at	0.416	
213328_at	0.343	NEK1	202527_s_at	5.288	SMAD4	1557124_at	0.415	
225191_at	0.343	CIRBP	243610_at	5.287	LOC138255	212859_x_at	0.414	MT1E
238430_x_at	0.342	MGC19764	59625_at	5.284	NOL3	241993_x_at	0.414	FOXP1
1561166_a_at	0.342	FOXP1	214486_x_at	5.282	CFLAR	1556202_at	0.414	SRGAP2
230997_at	0.341	TTC21A	1555950_a_at	5.28	DAF	208798_x_at	0.411	GOLGA8A
237383_at	0.341		212428_at	5.28	KIAA0368	232964_at	0.411	WBSCR19
217202_s_at	0.34	GLUL	220091_at	5.271	SLC2A6	223082_at	0.411	SH3KBP1
226622_at	0.34	MUC20	208503_s_at	5.263	GATAD1	38964_r_at	0.411	WAS
219452_at	0.34	DPEP2	200738_s_at	5.256	PGK1	211411_at	0.408	FUT1
236322_at	0.339	FLJ31951	207831_x_at	5.247	DHPS	244859_at	0.405	PDE4DIP
227177_at	0.339	CORO2A	202911_at	5.244	MSH6	211983_x_at	0.404	ACTG1
233467_s_at	0.339	TSPAN32	203471_s_at	5.231	PLEK	230620_at	0.404	
236703_at	0.338		212998_x_at	5.23	HLA-DQB1	244769_at	0.4	LOC133926
239609_s_at	0.338	LOC254531	218147_s_at	5.229	GLT8D1	AFFX-BioC-3_at	0.397	bioC
230795_at	0.338	HIST2H4	204254_s_at	5.225	VDR	AFFX-r2-Ec-bioB-5	0.397	bioB
233440_at	0.338		210052_s_at	5.222	TPX2	231259_s_at	0.397	CCND2
233011_at	0.337	ANXA1	205548_s_at	5.219	BTG3	AFFX-BioB-3_at	0.396	bioB
238563_at	0.337	ABI1	202499_s_at	5.212	SLC2A3	202555_s_at	0.394	MYLK
226774_at	0.337	KIAA1838	226171_at	5.207	FLJ20209	217947_at	0.393	CKLFSF6
221631_at	0.337	CACNA1I	206714_at	5.206	ALOX15B	236733_at	0.393	FAF1
225562_at	0.336	RASA3	223276_at	5.199	NID67	235446_at	0.391	XIST
239795_at	0.334	AXIN1	235339_at	5.191	SETDB2	1570105_at	0.39	
217941_s_at	0.334	ERBB2IP	241702_at	5.185	HNRPD	203896_s_at	0.389	PLCB4
1552607_at	0.334	CXorf52	230650_at	5.18		226232_at	0.389	CIP29
213975_s_at	0.334	LYZ ; LILRB1	235414_at	5.18	ZNF383	1560189_at	0.388	
223712_at	0.334	PCBD2	218631_at	5.17	AVPI1	1554595_at	0.385	SYMPK
236431_at	0.334	SR140	242191_at	5.164	.OC200030 ; LOC400781	232710_at	0.384	
244425_at	0.333		208846_s_at	5.16	VDAC3	243824_at	0.382	
233995_at	0.332	KIAA0372	201737_s_at	5.153	6-Mar	202963_at	0.38	RFX5
205584_at	0.332	CXorf45	214141_x_at	5.152	SFRS7	1567214_a_at	0.377	PNN
236561_at	0.332	TGFBR1	1555349_a_at	5.152	ITGB2	242901_at	0.375	SETBP1
222709_at	0.332	ATG7	225332_at	5.148	OIP5	211732_x_at	0.374	HNMT
1552719_at	0.332	CASC4	200700_s_at	5.145	KDELR2	209898_x_at	0.374	ITSN2
201087_at	0.331	PXN	214060_at	5.141	SSBP1	212410_at	0.371	EFHA1
1570409_x_at	0.33		229625_at	5.14	GBP5	238738_at	0.368	PSMD7
1556543_at	0.33	ZCCHC7	224596_at	5.14	SLC44A1	1558791_at	0.364	LOC286467
242268_at	0.329	CUGBP2	214467_at	5.135	GPR65	224880_at	0.363	RALA
210306_at	0.329	L3MBTL	210054_at	5.13	C4orf15	243915_at	0.363	
212828_at	0.329	SYNJ2	221006_s_at	5.127	SNX27	231830_x_at	0.362	RAB11FIP1
225949_at	0.329	NRBP2	223787_s_at	5.124	C3orf19	231949_at	0.361	
1556226_at	0.329	SCC-112	210983_s_at	5.124	MCM7	224585_x_at	0.361	ACTG1
226301_at	0.328	C6orf192	205282_at	5.123	LRP8	214996_at	0.36	
235698_at	0.327	ZFP90	1556567_at	5.118	NAP1L4	223934_at	0.36	LOC93349
1569496_s_at	0.326		227124_at	5.117		244766_at	0.359	345 ; LOC440354 ; LOC613037 ; LOC641298
1556222_at	0.326	LOC285961	231165_at	5.115	DDHD1	201317_s_at	0.356	PSMA2
231919_at	0.326		207469_s_at	5.113	PIR	215722_s_at	0.355	SNRPA1
219477_s_at	0.326	THSD1 ; THSD1P	210101_x_at	5.11	SH3GLB1	1561778_at	0.352	
243465_at	0.326	FLJ11000	1554285_at	5.106	HAVCR2	1566577_at	0.352	DPYSL5
232686_at	0.325	SIGLECP3	220238_s_at	5.096	KLHL7	219957_at	0.352	RUFY2
226493_at	0.325	KCTD18	229389_at	5.092	FLJ00012	1556709_a_at	0.351	LOC283887
228582_x_at	0.324	MALAT1	238996_x_at	5.091	ALDOA	227952_at	0.35	ZNF595
243003_at	0.324	MLLT10	203584_at	5.09	KIAA0103	1559731_x_at	0.35	LRP16
243286_at	0.323	CUL1	202886_s_at	5.087	PPP2R1B	239246_at	0.35	FARP1
202057_at	0.323	KPNA1	201626_at	5.086	INSIG1	235964_x_at	0.348	C20orf118
227113_at	0.323	ADHFE1	1554249_a_at	5.082	ZNF638	244222_at	0.347	
219155_at	0.323	PITPNC1	212761_at	5.08	TCF7L2	225117_at	0.346	LOC284058
236856_x_at	0.322		232946_s_at	5.077	NADSYN1	1561850_at	0.344	MGC15613
209131_s_at	0.322	SNAP23	227254_at	5.077		234788_x_at	0.344	FLJ13611
233728_at	0.322	FLJ12671	224553_s_at	5.077	TNFRSF18	236353_at	0.344	
236921_at	0.322	EMB	212307_s_at	5.074	OGT	209250_at	0.343	DEGS1
242480_at	0.321	MYST3	203972_s_at	5.074	PEX3	220855_at	0.343	CLTC
220946_s_at	0.321	HYPB	43427_at	5.073	ACACB	239851_at	0.341	TMP21
1566958_at	0.321	GAB2	242835_s_at	5.061		232699_at	0.341	
228793_at	0.32	JMJD1C	229743_at	5.061	LOC220929	226148_at	0.341	BTBD15
242946_at	0.319	CD53	222778_s_at	5.053	WHSC1	1561597_x_at	0.341	GTF2IRD2
217143_s_at	0.319	TRA@ ; TRD@	201450_s_at	5.052	TIA1	218819_at	0.339	DDX26
225939_at	0.319	EIF4E3	215121_x_at	5.051	.C1 ; IGLC2 ; IGLV3-25 ; IGLV.	1559664_at	0.337	
238356_at	0.319	DOCK11	238013_at	5.05	PLEKHA2	214948_s_at	0.334	TMF1
243527_at	0.319	RAP1A	200903_s_at	5.048	AHCY	232485_at	0.334	RUNDC2A
202364_at	0.318	MXI1	64371_at	5.042	SFRS14	223298_s_at	0.332	NT5C3
244599_at	0.318	CERKL	207098_s_at	5.04	MFN1	223070_at	0.332	SELK
1562904_s_at	0.318		201848_s_at	5.04	BNIP3	210758_at	0.328	PSIP1
231979_at	0.318		223266_at	5.04	ALS2CR2	236427_at	0.324	WWOX
233733_at	0.317		238760_at	5.039	YARS	213307_at	0.322	SHANK2
239516_at	0.317	LYPLAL1	218094_s_at	5.038	C20orf35	231629_x_at	0.319	KLK3
228482_at	0.317	NBLA10383	235172_at	5.037		242875_at	0.318	PSEN1
229393_at	0.316	L3MBTL3	202735_at	5.032	EBP	1563426_a_at	0.317	SF1
HUMRGE/M1009	0.316		201423_s_at	5.03	CUL4A	214264_s_at	0.316	C14orf143
232597_x_at	0.316		212217_at	5.022	PREPL	225083_at	0.315	C6orf51
214336_s_at	0.315	COPA	211404_s_at	5.019	APLP2	1567913_at	0.313	
1569540_at	0.315		223018_at	5.017	NOB1P	238736_at	0.313	REV3L
1562761_at	0.315	C9orf95	238893_at	5.016	LOC338758	1559400_s_at	0.312	PAPPA
214099_s_at	0.315	PDE4DIP	204183_s_at	5.015	ADRBK2	240247_at	0.311	
215358_x_at	0.314	ZNF37B	208097_s_at	5.012	TXNDC	226546_at	0.31	
242001_at	0.314	IDH1	213113_s_at	5.011	SLC43A3	240758_at	0.309	CENTG2
230001_at	0.313	9-Mar	201634_s_at	5.005	CYB5-M	231288_at	0.309	KIAA1509
227768_at	0.313	ZNF407	217610_at	5.005		231861_at	0.308	LRP10
236229_at	0.312		202656_s_at	5.004	SERTAD2	212036_s_at	0.308	PNN
225883_at	0.312	ATG16L2	226742_at	5.004		218775_s_at	0.307	BOMB
232012_at	0.311	CAPN1	236869_at	0.199		228726_at	0.303	SERPINB1
221899_at	0.311	PFAAP5	226252_at	0.199		241474_at	0.303	
215069_at	0.311	NMT2	AFFX-BioC-5_at	0.199	bioC	210093_s_at	0.301	MAGOH
229514_at	0.31	C14orf118	244069_at	0.199	TACR2	1566763_at	0.299	
230494_at	0.31		211210_x_at	0.198	SH2D1A	234654_at	0.297	C20orf4
236149_at	0.31	THOC3	212859_x_at	0.198	MT1E	243140_at	0.297	ACTA2
240072_at	0.31		241786_at	0.198	PPP3R1	233823_at	0.296	KIAA1276
236310_at	0.31	ZNF37B	241610_x_at	0.197	PACS1	1557644_at	0.295	LOC400600
1560156_at	0.309		241393_at	0.197	IPP	223980_s_at	0.294	SP110
222366_at	0.309	ADNP	208581_x_at	0.194	MT1X	219347_at	0.293	NUDT15
236808_at	0.308	FGFR1OP2	229806_at	0.194	FLJ20259	229055_at	0.289	GPR68
232876_at	0.308		231219_at	0.193	CKLFSF1	244881_at	0.289	
228410_at	0.307	GAB3	238058_at	0.193	LOC150381	200943_at	0.288	HMGN1
203865_s_at	0.307	ADARB1	202425_x_at	0.193	PPP3CA	1569344_a_at	0.287	
244008_at	0.307		221997_s_at	0.192	MRPL52	206247_at	0.285	MICB
236816_at	0.307	FLJ13089	224820_at	0.191	FAM36A	227384_s_at	0.285	
240054_at	0.307	MMP25	1559399_s_at	0.189	ZCCHC10	240949_x_at	0.285	
233690_at	0.307	C21orf96	221733_s_at	0.189	GPATC4	1558579_at	0.285	
242859_at	0.306	TFCP2	218867_s_at	0.189	FLJ21415	238642_at	0.284	ANKRD13D
233867_at	0.306	MGC40405	230980_x_at	0.188		224788_at	0.283	ARF6
232149_s_at	0.306	NSMAF	209828_s_at	0.187	IL16	217352_at	0.281	
235023_at	0.306	VPS13C	242300_at	0.187		212629_s_at	0.281	PKN2
239234_at	0.305	OGDH	241733_at	0.187	C18orf54	222838_at	0.279	SLAMF7
225420_at	0.305	GPAM	227167_s_at	0.187		217774_s_at	0.279	HSPC152
236488_s_at	0.305		235308_at	0.187	ZBTB20	218023_s_at	0.278	FAM53C
229858_at	0.305	ANKRD17	AFFX-BioB-3_at	0.187	bioB	213275_x_at	0.275	CTSB
1557667_at	0.305		226947_at	0.187	GUSBL2	234243_at	0.274	BXDC5
241415_at	0.304		219765_at	0.186	ZNF329	1553335_x_at	0.272	FLJ34047
230337_at	0.304	SOS1	228488_at	0.186	TBC1D16	202252_at	0.272	RAB13
235613_at	0.303	GCSH	AFFX-r2-Ec-bioB-5	0.185	bioB	224675_at	0.27	MESDC2
244046_at	0.302	LOC51619	221974_at	0.185	SNRPN	1553315_at	0.27	FLJ23878
212977_at	0.302	CMKOR1	205483_s_at	0.184	G1P2	236248_x_at	0.269	MGC21874

Supplemental Table 3

242827_x_at	0.302		236615_at	0.184		241625_at	0.269	
227232_at	0.302	EVL	218680_x_at	0.184	HYPK	211059_s_at	0.268	GOLGA2
240165_at	0.302		213328_at	0.183	NEK1	1553906_s_at	0.268	FGD2
230748_at	0.301	SLC16A6 ; LOC440459	235752_at	0.183		218949_s_at	0.267	QRSL1
215635_at	0.301	PDE8A	AFFX-BioB-5_at	0.182	bioB	227790_at	0.267	C6orf157
235685_at	0.301		206726_at	0.182	PGDS	234560_at	0.266	
239070_at	0.301		238545_at	0.182	BRD7	211509_s_at	0.264	RTN4
237600_at	0.301	MLLT10	1563426_a_at	0.18	SF1	208581_x_at	0.26	MT1X
202479_s_at	0.301	TRIB2	1559957_a_at	0.18		241633_x_at	0.258	
239557_at	0.3	LRRFIP2	222614_at	0.179	C21orf6	236899_at	0.257	
229101_at	0.3	LOC150166	221599_at	0.179	PTD015	216948_at	0.257	
225295_at	0.3	SLC39A10	230729_at	0.179	XPO1	203753_at	0.257	TCF4
242837_at	0.299	SFRS4	217997_at	0.177	PHLDA1	1564430_at	0.252	XTP2
241155_at	0.299	PIP5K2A	230139_at	0.177		212180_at	0.252	CRKL
209828_s_at	0.299	IL16	205434_s_at	0.177	AAK1	233219_at	0.25	
229054_at	0.299	FLJ39779	1562957_at	0.176		212185_x_at	0.249	MT2A
1568834_s_at	0.299	MDS025	237137_at	0.176		209167_at	0.249	GPM6B
239946_at	0.298	KIAA0922	238949_at	0.176		218066_at	0.249	SLC12A7
226810_at	0.298		1563109_at	0.173	GDPD1	230235_at	0.248	
202679_at	0.298	NPC1	226781_at	0.172	HSPC268	218324_s_at	0.248	SPATS2
1558111_at	0.298	MBNL1	1562194_at	0.171	ZFHX1B	233675_s_at	0.248	LOC374491
200965_s_at	0.297	ABLIM1	210092_at	0.171	MAGOH	215032_at	0.247	RREB1
232623_at	0.297	MK2S4	206314_at	0.171	ZNF167	220920_at	0.247	ATP10B
221646_s_at	0.297	ZDHHC11	231013_at	0.17		213371_at	0.246	LDB3
217523_at	0.296	CD44	235990_at	0.17	RAD9A	227561_at	0.246	DDR2
209288_s_at	0.296	CDC42EP3	228049_x_at	0.169		244156_at	0.246	
203980_at	0.296	FABP4	213979_s_at	0.169	CTBP1	235529_x_at	0.245	C20orf118
244633_at	0.296	PIAS2	226780_s_at	0.168	HSPC268	242241_x_at	0.244	
242865_at	0.295	SDFR1	237062_at	0.168		215278_at	0.242	NNT
204291_at	0.295	ZNF518	236428_at	0.167		215139_at	0.242	ARHGEF10
242051_at	0.295		1553185_at	0.166	RASEF	242082_at	0.241	MMAB
1563745_a_at	0.295	LOC283050	203889_at	0.165	SGNE1	211023_at	0.24	PDHB
203509_at	0.295	SORL1	1557038_s_at	0.164		213051_at	0.24	ZC3HAV1
238783_at	0.294	MGC33214	237229_at	0.164	FLJ13798	232626_at	0.24	
214102_at	0.294	CENTD1	230580_at	0.163		220940_at	0.24	KIAA1641
1552787_at	0.294	HELB	230393_at	0.163	CUL5	211039_at	0.239	CHRNA1
1565852_at	0.293		216756_at	0.163	GALNT7	213187_x_at	0.239	FTL
225327_at	0.292	FLJ10980	243492_at	0.163	CTMP	201987_at	0.235	THRAP1
243993_at	0.291	PCTK2	216336_x_at	0.161	MT1K	206461_x_at	0.234	MT1H
217853_at	0.29	TENS1	240084_at	0.16	CBX2	230328_at	0.233	RRN3
203791_at	0.29	DMXL1	222043_at	0.159	CLU	213737_x_at	0.232	LOC390535 ; LOC400304 ; LOC440234 ; DKFZp434P162
210742_at	0.29	CDC14A	AFFX-M27830_5_	0.158	SOX18	204449_at	0.226	PDCL
1556728_at	0.29		214221_at	0.157	ALMS1	232356_at	0.226	KIAA0143
229454_at	0.289	BCLAF1	209883_at	0.157	GLT25D2	1556800_a_at	0.22	GRM8
217655_at	0.288	FXYD5	211730_s_at	0.156	POLR2L	81811_at	0.22	
1568983_a_at	0.288		236075_s_at	0.155	ZNF232	205917_at	0.219	ZNF264
208498_s_at	0.288	MY1B ; AMY1C ; AMY2A ; AM	1553186_x_at	0.153	RASEF	205529_s_at	0.216	RUNX1T1
209409_at	0.288	GRB10	238183_at	0.153		220464_at	0.216	MCF2L
1556420_s_at	0.287	YPEL2	244011_at	0.152	PPM1K	239492_at	0.213	SEC14L4
204527_at	0.286	MYO5A	1561190_at	0.151	CDKL3	228697_at	0.213	
240843_at	0.286	PTPN2	230479_at	0.15		231527_at	0.212	
232175_at	0.286	ARF1	230805_at	0.149		233030_at	0.212	ADPN
240656_at	0.285	SIPA1L1	241262_at	0.149		221930_at	0.212	PHF7
1558719_s_at	0.285	C1QBP	205224_at	0.149	SURF2	207157_s_at	0.212	GNG5
228855_at	0.285	LOC440388	242121_at	0.149		228628_at	0.211	
242239_at	0.283	NSUN6	239250_at	0.148	ZNF542	233465_at	0.21	SPRED1
230612_at	0.282	FLJ14888	1556472_s_at	0.147	SCML4	224958_at	0.209	182-FIP
226444_at	0.281	SLC39A10	203176_s_at	0.145	TFAM	239591_at	0.207	
233224_at	0.281	KPNA3	230466_s_at	0.144		203373_at	0.206	SOCS2
209906_at	0.281	C3AR1	217597_x_at	0.144	RAB40B	203476_at	0.205	TPBG
227383_at	0.28		205134_s_at	0.144	NUFIP1	212314_at	0.205	KIAA0746
243287_s_at	0.28	OSTM1	240174_at	0.144		201065_s_at	0.205	GTF2I ; GTF2IP1
235601_at	0.279	MAP2K5	242784_at	0.139	ETS2	35436_at	0.204	GOLGA2
230729_at	0.279	XPO1	242693_at	0.138	CDC2L5	1569200_at	0.204	SEC15L2
232722_at	0.279	RNASET2	230930_at	0.138	LOC338620	241657_at	0.202	
225864_at	0.278	FAM84B	234969_s_at	0.136	EPC1	208674_x_at	0.201	DDOST
1556327_a_at	0.278	MARK4	226269_at	0.134	GDAP1	225054_x_at	0.2	in GRB2-like pseudogene 3
240105_at	0.278	C21orf66	243837_x_at	0.134		225563_at	0.2	PAN3
222634_s_at	0.276	TBL1XR1	243891_at	0.131	LOC196463	204467_s_at	0.197	SNCA
228999_at	0.276	CHD2	238317_x_at	0.13	RBMS1	216642_at	0.196	
228341_at	0.276	FLJ31265	232602_at	0.127	WFDC3	224584_at	0.195	C20orf30
221787_at	0.276	C6orf120	230351_at	0.127	LOC283481	1559249_at	0.195	ATXN1
1557383_a_at	0.275		229860_x_at	0.125	LOC401115	225674_at	0.195	BCAP29
242712_x_at	0.275	3P2L1 ; DKFZp686P0288 ; R	232155_at	0.123	KIAA1618	203667_at	0.195	TBCA
216621_at	0.275	ROCK1	1565861_at	0.123	USP34	206344_at	0.194	PON1
220558_x_at	0.274	TSPAN32	229921_at	0.122	KIF5A	230071_at	0.194	11-Sep
243995_at	0.274	PTAR1	1558048_x_at	0.122		222280_at	0.193	GAPDS
230380_at	0.274	DKFZP564I0422	236772_s_at	0.121		234021_at	0.193	
204772_s_at	0.274	TTF1	204326_x_at	0.12	MT1X	242337_at	0.193	IGBP1
243218_at	0.274		233609_at	0.12	PTPRK	222303_at	0.193	
226607_at	0.273	C20orf194	214176_s_at	0.12	PBXIP1	234731_at	0.191	
1558922_at	0.273	TIA1	239588_s_at	0.119	FLJ20315	228919_at	0.191	
200648_s_at	0.271	GLUL	213331_s_at	0.119	NEK1	239234_at	0.191	OGDH
206580_s_at	0.27	EFEMP2	230892_at	0.118	DERA	202346_at	0.188	HIP2
240592_at	0.27	MLR1	229606_at	0.117	PPP3CA	202228_s_at	0.184	SDFR1
241702_at	0.27	HNRPD	235601_at	0.117	MAP2K5	240155_x_at	0.184	C148203 ; ZNF493 ; LOC401905
215409_at	0.27	LOC254531	234759_at	0.115		243603_at	0.184	TFAP2A
232216_at	0.269	YME1L1	229538_s_at	0.115	IQGAP3	238918_at	0.184	
227716_at	0.269	UBXD5	231387_at	0.115	C6orf145	229679_at	0.183	FLJ40142
242134_at	0.269		239064_at	0.114		1566113_at	0.183	
240265_at	0.268	TRAF3IP3	238185_at	0.113	RBMS1	240282_at	0.179	WDR1
207776_s_at	0.268	CACNB2	213757_at	0.112	EIF5A	233502_at	0.175	CNTN3
215612_at	0.267	TBC1D5	214316_x_at	0.109	CALR	228030_at	0.174	RBM6
231283_at	0.267	MGAT4A	229490_s_at	0.108	IQGAP3	238558_at	0.173	MBNL1
215652_at	0.267	SDHD	228748_at	0.108	CD59	214964_at	0.173	KIAA1856
228714_at	0.266	PRKRA	201416_at	0.108	SOX4	220934_s_at	0.172	MGC3196
1564093_at	0.266	NEK1	230598_at	0.107	KIAA1387	1569201_a_at	0.17	SEC15L2
210495_x_at	0.266	FN1	209906_at	0.107	C3AR1	201664_at	0.17	SMC4L1
239861_at	0.266	PHF20L1	242625_at	0.105	RSAD2	1560776_at	0.169	LOC201158
232304_at	0.266	PELI1	237400_at	0.104	ATP5S	221071_at	0.168	
242020_s_at	0.265	ZBP1	235068_at	0.103	ZDHHC21	222651_s_at	0.167	TRPS1
219754_at	0.264	FLJ11016	209204_at	0.0995	LMO4	242840_at	0.166	
240174_at	0.264		243691_at	0.0991	KIAA0276	243565_at	0.165	DKFZp434P055
1557582_at	0.264	BIN3	216758_at	0.0986	PDCD8	231411_at	0.165	LHFP
219765_at	0.263	ZNF329	205900_at	0.0979	KRT1	234107_s_at	0.164	HARS2
230387_at	0.262	ATP2C1	205100_at	0.0976	GFPT2	243290_at	0.163	KIBRA
221802_s_at	0.261	KIAA1598	242886_at	0.0954	FLJ10700	212205_at	0.163	H2AFV
243720_at	0.26	CMIP	214169_at	0.0938	UNC84A	228151_at	0.162	
1553132_a_at	0.26	MTAC2D1	244226_s_at	0.0933	SUPT4H1	229676_at	0.161	PAPD1
226458_at	0.26		242659_at	0.0906	ELF4	1559500_at	0.16	KIAA0804
239448_at	0.258		229934_at	0.087		1560500_at	0.16	
212560_at	0.257	C11orf32	238149_at	0.0846	FLJ46385	242079_at	0.158	RGS12
235590_at	0.257	C10orf6	233263_at	0.0846	DHFR	230880_at	0.158	KIAA1652
239063_at	0.256		235647_at	0.0811		222477_s_at	0.155	TM7SF3
1566959_at	0.255	GAB2	212952_at	0.076	CALR	240734_at	0.154	
243514_at	0.254		225762_x_at	0.0751	LOC284801	200748_s_at	0.153	FTH1
231252_at	0.253	FLJ23861	213010_at	0.0745	PRKCDBP	1569854_at	0.153	QKI
216442_x_at	0.253	FN1	205674_x_at	0.0744	FXYD2	237750_at	0.151	LOC63929
1559419_at	0.253	CACNB2	219232_s_at	0.0742	EGLN3	232781_at	0.15	LHX4
236754_at	0.253	PPP1R2	230967_s_at	0.0729	USP7	1566108_at	0.149	MYNN
226771_at	0.252	ATP8B2	228645_at	0.0726		242974_at	0.149	CD47
201506_at	0.252	TGFBI	230708_at	0.0678	PRICKLE1	238995_at	0.146	SULT1A1
244375_at	0.252	EVL	207533_at	0.0674	CCL1	243568_at	0.146	MACF1
239274_at	0.252	PICALM	229450_at	0.0627	IFIT3	226919_at	0.146	DJ122O8.2
244226_s_at	0.251	SUPT4H1	243489_at	0.0612		228934_x_at	0.145	

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236165_at	0.251	MSL3L1	229975_at	0.0601	BMPR1B	235849_at	0.145	SCARA5
243109_at	0.251	MCTP2	224549_x_at	0.0592		241670_x_at	0.144	
226225_at	0.25	MCC	206858_s_at	0.0578	HOXC6	203132_at	0.144	RB1
242968_at	0.25		241941_at	0.056	BGR	212754_s_at	0.143	KIAA1040
227301_at	0.25	ƆC441241 ; LOC441244	243791_at	0.0543		223387_at	0.142	ZFYVE1
230930_at	0.25	LOC338620	240063_at	0.0478	LOC441046	1569202_x_at	0.141	SEC15L2
228854_at	0.249		230300_at	0.0445		243448_at	0.14	
209286_at	0.249	CDC42EP3	239840_at	0.0376		218106_s_at	0.14	MRPS10
214855_s_at	0.249	GARNL1	223623_at	0.0353	ECRG4	200682_s_at	0.14	UBE2L3
201785_at	0.249	RNASE1	240798_at	0.0353	CUTL1	203743_s_at	0.14	TDG
219033_at	0.248	PARP8	242949_x_at	0.0342		215269_at	0.139	TMEM1
242241_x_at	0.248		207434_s_at	0.034	FXYD2	207369_at	0.139	BRS3
212538_at	0.248	DOCK9	231628_s_at	0.022	SERPINB6	207166_at	0.138	GNGT1
242070_at	0.248	LOC400690	231597_x_at	0.0143		1556932_at	0.138	
239784_at	0.247	SMYD3				243736_at	0.138	FLJ33979
228099_at	0.247	ZNF550				226353_at	0.137	SPPL2A
229202_at	0.245	PCNXL2				1566424_at	0.137	
240554_at	0.245					212549_at	0.137	STAT5B
1569856_at	0.243	TPP2				242134_at	0.136	
228157_at	0.242	ZNF207				218648_at	0.136	TORC3
228151_at	0.242					226154_at	0.134	DNM1L ; CGI-04
239588_s_at	0.241	FLJ20315				225465_at	0.134	MAGI1
241905_at	0.24	PIK3C2A				244042_x_at	0.134	
242904_x_at	0.24					229383_at	0.134	MARCH-I
239597_at	0.239	PAN3				219751_at	0.133	FLJ21148
1552321_a_at	0.238	NYD-SP28				232696_at	0.133	FLJ32702
202087_s_at	0.238	CTSL				241559_at	0.133	
229052_at	0.237	ANKRD23				217535_at	0.132	FAM49B
216176_at	0.236	HCRP1				240268_at	0.132	LOC440117
1557522_x_at	0.234					231874_at	0.132	MGC39518
236153_at	0.233	SUHW4				239984_at	0.131	SCN7A
1558345_a_at	0.233	LOC439911				206230_at	0.13	LHX1
232521_at	0.231	PCSK7				203692_s_at	0.13	E2F3
212311_at	0.231	KIAA0746				221118_at	0.129	PKD2L2
226977_at	0.23	LOC492311				222442_s_at	0.128	ARL10C
214519_s_at	0.23	RLN2				203915_at	0.127	CXCL9
239944_at	0.23					207700_s_at	0.127	NCOA3
241837_at	0.229	ARID5B				202503_s_at	0.127	KIAA0101
241721_at	0.229					236291_at	0.127	RDH5
243791_at	0.229					227813_at	0.127	THAP6
236583_at	0.228					214807_at	0.127	
203167_at	0.228	TIMP2				240176_at	0.125	
236514_at	0.227	PTE1				243218_at	0.124	
232346_at	0.227					222694_at	0.123	MGC2752
242361_at	0.226	IMMT				222667_s_at	0.123	ASH1L
243329_at	0.225	PCGF3				240389_at	0.122	TRPM6
232307_at	0.224	THRAP2				240008_at	0.122	ARID1B
233921_s_at	0.224	MAD1L1				201696_at	0.121	SFRS4
220131_at	0.224	FXYD7				218197_s_at	0.121	OXR1
1557521_a_at	0.224					219806_s_at	0.121	FN5
244383_at	0.223					228936_at	0.12	
235444_at	0.223	FOXP1				236966_at	0.119	ARMC8
237009_at	0.223	CD69				1565880_at	0.119	SLC5A11
238825_at	0.223	ACRC				215402_at	0.117	APPBP2
239726_at	0.223					1570198_x_at	0.117	
1559025_at	0.221	9-Sep				208739_x_at	0.116	SUMO2
202971_s_at	0.217	DYRK2				240230_s_at	0.116	
239238_at	0.216	SMARCC1				1566882_at	0.115	
235107_at	0.216	PIAS2				223742_at	0.115	MRPL4
202478_at	0.215	TRIB2				219155_at	0.115	PITPNC1
1564077_at	0.215	LOC285513				233264_at	0.114	
244382_at	0.215	TBC1D10				243468_at	0.114	PATE
236370_at	0.214	SMURF1				226365_at	0.113	
220560_at	0.213	C11orf21				237554_at	0.112	
239450_at	0.213	ANKRD12				203096_s_at	0.112	RAPGEF2
244761_at	0.213					219288_at	0.111	C3orf14
201324_at	0.212	EMP1				228504_at	0.11	SCN7A
241249_at	0.212	PSMD5				244463_at	0.11	ADAM23
242673_at	0.209					228731_at	0.109	
244511_at	0.209	PDE4DIP				1570197_at	0.109	
1557835_at	0.208	FLJ12681				222253_s_at	0.109	DKFZP434P211
239050_s_at	0.208					1552287_s_at	0.108	AFG3L1
201798_s_at	0.207	FER1L3				231529_at	0.108	MEG3
209933_s_at	0.206	CD300A				236149_at	0.108	THOC3
231109_at	0.201	CUGBP2				231763_at	0.108	POLR3A
205100_at	0.201	GFPT2				238371_s_at	0.107	EPS8
233263_at	0.2	DHFR				242851_at	0.107	KIAA1919
241940_at	0.2	ABHD3				1558714_at	0.107	ROBO1
202973_x_at	0.199	FAM13A1				201403_s_at	0.106	MGST3
239679_at	0.197	ACTR6				237044_s_at	0.106	C10orf41
1556839_s_at	0.196	SPTBN5				226387_at	0.105	RSBN1L
242657_at	0.196	IGFBP4				1561924_at	0.105	TOPBP1
227385_at	0.196	PPAPDC2				222568_at	0.105	UGCGL1
223746_at	0.196	STK4				1561574_at	0.104	SLIT3
230651_at	0.196	THOC2				231810_at	0.104	BRI3BP
242688_at	0.195	TRIP12				236571_at	0.104	SLC2A3
1556735_at	0.195					244055_at	0.103	RYR3
ɬUMRGE/M1009	0.195					221267_s_at	0.102	C19orf27
209081_s_at	0.193	COL18A1				230333_at	0.102	SAT
232138_at	0.192	MBNL2				242306_at	0.102	TPARL
1557051_s_at	0.192					203148_s_at	0.102	TRIM14
230292_at	0.192	CHC1L				208109_s_at	0.101	C15orf5
238774_at	0.192	LOC284058				241105_at	0.101	
241497_at	0.191					242669_at	0.1	Ufm1
239264_at	0.191	SEC8L1				237741_at	0.1	FLJ10618
212464_s_at	0.19	FN1				228452_at	0.0999	C17orf39
215169_at	0.187	SLC35E2				238244_at	0.0999	
207474_at	0.186	SNRK				244353_s_at	0.099	
211719_x_at	0.185	FN1				226159_at	0.0987	LOC285636
228271_at	0.183	SND1				243495_s_at	0.0986	
211018_at	0.182	LSS				231403_at	0.0973	
203570_at	0.18	LOXL1				1562229_at	0.097	
233768_at	0.178	APG5L				240271_at	0.0967	MTMR3
241505_at	0.177					234923_at	0.0965	GARNL1
235743_at	0.176	SNED1				1562799_at	0.0959	
230856_at	0.176	WIPI49				1562416_at	0.0946	FLNB
236007_at	0.174	AKAP10				241249_at	0.0942	PSMD5
1552632_a_at	0.172	KIAA1001				241966_at	0.0938	MYO5A
229694_at	0.171	BRWD2				216422_at	0.0936	PA2G4
232883_at	0.17	SOS1				231923_at	0.0931	
1554287_at	0.17	TRIM4				219010_at	0.0931	C1orf106
228909_at	0.169	C21orf86				208135_at	0.0931	TCF2
214833_at	0.169	TMEM63A				1555501_s_at	0.093	RSRC1
236293_at	0.169	RHOH				1561195_at	0.0925	TM7SF1
232527_at	0.168					244218_at	0.0925	SND1
244292_at	0.168					241848_x_at	0.092	
243874_at	0.164	FLJ42393				216973_s_at	0.0917	HOXB7
239393_at	0.164	PAN3				232991_at	0.0914	LOC9884
235226_at	0.159	CDC2L6				1555144_at	0.0914	LOC51326
1569315_s_at	0.157					240309_at	0.0913	
236379_at	0.155	EPB41				211744_s_at	0.0911	CD58
1558310_s_at	0.155	FLJ90723				212354_at	0.09	SULF1
232372_at	0.155	TULP4				207135_at	0.0898	HTR2A
218974_at	0.153	FLJ10159				206839_at	0.0897	HS747E2A
214945_at	0.151	ɣY-REN-7 ; LOC389347				205173_x_at	0.0895	CD58

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241843_at	0.151	EIF5
206637_at	0.151	P2RY14
237497_at	0.15	
239645_at	0.149	CCM2
243739_at	0.149	RANBP9
239840_at	0.148	
242874_at	0.147	
1563860_at	0.143	LOC400965
240538_at	0.139	
239278_at	0.139	
240339_at	0.139	CNNM3
233369_at	0.137	SOS2
213280_at	0.136	GARNL4
226863_at	0.135	
1556942_at	0.134	KIAA1126
1558711_at	0.13	FAM13A1OS
205771_s_at	0.129	AKAP7
237201_at	0.124	
204446_s_at	0.122	ALOX5
215029_at	0.12	
243496_at	0.119	
207623_at	0.117	ABCF2
1558732_at	0.116	
235782_at	0.113	
213800_at	0.105	CFH
230707_at	0.101	SORL1
228908_s_at	0.101	C21orf86
233430_at	0.0912	TBC1D22B
212761_at	0.0893	TCF7L2
220030_at	0.0854	STYK1
240019_at	0.0838	
1569652_at	0.078	MLLT3
206114_at	0.0733	EPHA4
243020_at	0.0711	FAM13A1
235925_at	0.0693	TCF12
237291_at	0.0684	LOC344405
236656_s_at	0.0529	
237953_at	0.0215	DPP4

1558273_a_at	0.0895	TYRO3
216284_at	0.0893	CDC14B
1559494_at	0.0892	TMEM22
235418_at	0.0889	LOC285014
207231_at	0.0879	DZIP3
230712_at	0.0879	FLJ20719
229073_at	0.0878	LOC145786
230876_at	0.0874	LOC169834
203693_s_at	0.0874	E2F3
214808_at	0.0868	
1565935_at	0.0866	LOC91431
1568706_s_at	0.0864	
222371_at	0.0859	PIAS1
226720_at	0.0858	KIAA1935
225163_at	0.0857	FRMD4A
226683_at	0.0856	SNAG1
229021_at	0.0854	MCTP2
1560512_at	0.0852	
244103_at	0.0852	C1orf55
236703_at	0.0845	
205445_at	0.084	PRL
225666_at	0.0829	FLJ14624
234082_at	0.0826	
233369_at	0.0823	SOS2
236938_at	0.0821	
213894_at	0.082	KIAA0960
226939_at	0.0819	CPEB2
211703_s_at	0.0818	TM2D1
1557553_at	0.0817	PPP1R12B
225685_at	0.0813	CDC42EP3
227897_at	0.0802	RAP2B
239179_at	0.0802	CAMK2G
237798_at	0.0801	MSRA
1555634_a_at	0.08	LILRA5
227980_at	0.0797	HCG12
242194_at	0.0796	CUL4A
232196_at	0.0793	C21orf13
239096_at	0.0793	C14orf32
237700_at	0.0792	
1570143_at	0.0791	
243960_x_at	0.0788	DKFZP434A0131
234599_at	0.0786	
232144_at	0.0785	PBX1
1563521_at	0.0781	MOBKL2B
239783_at	0.078	TRERF1
205110_s_at	0.0779	FGF13
1563876_at	0.0773	FLJ35530
205814_at	0.0772	GRM3
220091_at	0.0769	SLC2A6
217550_at	0.0767	ATF6
219712_s_at	0.0764	TRPV1 ; CARKL
202421_at	0.0764	IGSF3
218226_s_at	0.0763	NDUFB4
223243_s_at	0.0762	C1orf22
229049_at	0.076	
203615_x_at	0.0759	SULT1A1
214774_x_at	0.0752	TNRC9
234244_at	0.0745	BXDC5
235419_at	0.0735	MIG-6
215108_x_at	0.0735	TNRC9
1564391_at	0.0731	ABCD3
207790_at	0.0722	LRRC1
1558371_a_at	0.0721	
1554933_at	0.0721	PSIP1
239638_at	0.0719	
238100_at	0.0718	
224651_at	0.0716	C10orf9
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244094_at	0.0657	C9orf93
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1553944_at	0.0561	MIA2
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226382_at	0.0392	LOC283070
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233692_at	0.0302	THADA
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237628_at	0.0207	WARS2
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237469_at	0.0162	TOP2A
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235112_at	0.0115	KIAA1958
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