

Taqman qPCR Probes	Company	#Catalog
qPCR probes for PHGDH	Fisher	Hs00198333_m1
qPCR probes for HPRT1	Fisher	Hs02800695_m1
qPCR probes for KDM4C	Fisher	Hs00909577_m1
qPCR probes for ASNS	Fisher	Hs04186194_m1
qPCR probes for PSAT1	Fisher	Hs00795278_mH
qPCR probes for SLC1A5	Fisher	Hs01056542_m1
qPCR probes for SLC1A4	Fisher	Hs00983079_m1
qPCR probes for SLC3A2	Fisher	Hs00374243_m1
qPCR probes for SLC7A5	Fisher	Hs01001183_m1
qPCR probes for SLC38A1	Fisher	Hs01562175_m1
qPCR probes for SLC38A2	Fisher	Hs01089954_m1
qPCR probes for RPLPO	Fisher	Hs99999902_m1
qPCR probes for L2HGDH	Fisher	Hs00227575
qPCR probes for ATF4	Fisher	Hs00909569_g1

List of siRNAs	Company	#Catalog
Scrabled siRNA (Scr)	IDT	51-01-19-09
siALKBH5 (#1)	IDT	hs.Ri.ALKBH5.13.1
siALKBH5 (#2)	IDT	hs.Ri.ALKBH5.13.2
siALKBH5 (#3)	IDT	hs.Ri.ALKBH5.13.3
siFTO (#1)	IDT	hs.Ri.FTO.13.1
siFTO (#2)	IDT	hs.Ri.FTO.13.2
siKDM4C (#1)	IDT	hs.Ri.KDM4C.13.1
siKDM4C (#2)	IDT	hs.Ri.KDM4C.13.2
siMETTL3 (#1)	IDT	hs.Ri.METTL3.13.1
siMETTL3 (#2)	IDT	hs.Ri.METTL3.13.3
On target KDM4C siRNA pool	Dharmacon	L-004293-01-0005

gRNAs	Sequence
gRNA-3F	5'-CCCGCCCAAACAAGAATTTTCACCG-3'
gRNA-3R	5'-GCTTTCATTAGCATAAGAGCTGCCTCC-3'
Control_gRNA_F (no PAM)	5'-CACCGGTATTACTGATATTGGT-3'
Control_gRNA_R (no PAM)	5'-AAACACCAATATCAGTAATAC-3'

Primers used in RNA immunoprecipitation-qPCR	Sequence
PSAT1-3'UTR-F1	5'-CCGCGTATTTTGCCTTTGCT-3'
PSAT1-3'UTR-R1	5'-CCTACCCTCTGTGCTGTGTG-3'

Primers used in the SELECT Assay	Sequence
SELECT Primer Up	5'-TAGCCAGTACCGTAGTGCGTGTTAATCGCA ACTTGCATTATTAAG-3'
SELECT Primer Down	5'-Phos- CCACAGGCAAGTTTCAAATCCAGAGGCTGAGTCGCTGCA T-3'
M6a-up (-6)	5'-TAGCCAGTACCGTAGTGCGTGCAACTTGCA TTATTAAGTCCACA-3'
M6a-down (-6)	5-Phos GCAAGTTTCAAATCTAACTAGAAAACCAGAGGCTGAGTCG CTGCAT-3'
SELECT qPCR-F	5'-ATGCAGCGACTCAGCCTCTG-3'
SELECT qPCR-R	5'- TAGCCAGTACCGTAGTGCGTG-3'