

Gene Symbol	miR-519 vs Ctrl siRNA Protein Descriptions	miR-519 vs Ctrl siRNA Fold Change
ALPPL2;ALPPL	Alkaline phosphatase, placental-like	12.22946598
CTH	Isoform 1 of Cystathionine gamma-lyase;cDNA FLJ50357, highly similar to Cystathionine gamma-lyase;Isoform 2 of Cystathionine gamma-lyase	8.62953506
AGR2;AG2	AGR2;Anterior gradient protein 2 homolog;Putative uncharacterized protein AGR2;Anterior gradient protein 3 homolog;Putative uncharacterized prot	8.147245743
SERPINB5;PI5	Isoform 1 of Serpin B5;cDNA FLJ57640, highly similar to Serpin B5	7.447885007
ITGA5;FNRA	Integrin alpha-5;10 kDa protein	6.928475998
ARID3A;DRIL1	AT-rich interactive domain-containing protein 3A	6.491519324
LYPD3;C4.4A	Ly6/PLAUR domain-containing protein 3;Putative uncharacterized protein DKFZp686D0114	5.80799834
ALPP;PLAP	Alkaline phosphatase, placental type precursor	5.800280878
FDFT1;hCG_17749	Squalene synthetase;cDNA FLJ50548, highly similar to Squalene synthetase;cDNA FLJ53107, highly similar to Squalene synthetase	4.915823561
CDKN1B;p27 kip1	Cyclin-dependent kinase inhibitor 1B;23 kDa protein;Putative uncharacterized protein CDKN1B	4.581179079
LAMB3;LAMNB1	Laminin subunit beta-3;cDNA FLJ61309, highly similar to Laminin beta-3 chain;18 kDa protein	4.573390083
LAMB2;LAMS	Laminin subunit beta-2;Similar to S-laminin	4.524186835
GSN	Isoform 1 of Gelsolin;gelsolin isoform c;Isoform 2 of Gelsolin;cDNA FLJ53327, highly similar to Gelsolin;>Q3SX14 TREMBL:Q3SX14 (Bos taurus) Si	4.395275195
LIFR	Leukemia inhibitory factor receptor	4.306548385
SLC2A14;GLUT14	cDNA FLJ56136, highly similar to Solute carrier family 2, facilitated glucosetransporter member 14;Isoform 1 of Solute carrier family 2, facilitated gluc	4.092309491
HMOX1;HO;HO1	Heme oxygenase 1;Heme oxygenase (Decycling) 1	4.082296684
LGALS3;MAC2	Galectin-3	3.803771428
CLU;APOJ	Isoform 2 of Clusterin;Isoform 1 of Clusterin;CLU	3.786732743
DDX60;DKFZp686E11248	Probable ATP-dependent RNA helicase DDX60	3.735303989
C1QTNF6;CTRP6	Isoform 2 of Complement C1q tumor necrosis factor-related protein 6;Isoform 1 of Complement C1q tumor necrosis factor-related protein 6;Isoform 3	3.583704786
FSTL3;FLRG	Follistatin-related protein 3	3.497356656
ATP1B1;ATP1B	Isoform 1 of Sodium/potassium-transporting ATPase subunit beta-1;Isoform 2 of Sodium/potassium-transporting ATPase subunit beta-1	3.397289763
SLC38A2;ATA2	Isoform 1 of Sodium-coupled neutral amino acid transporter 2;Isoform 2 of Sodium-coupled neutral amino acid transporter 2;24 kDa protein	3.338684911
CDA;CDD	Cytidine deaminase	3.273370956
AKR1B1;ALDR1	Aldose reductase;Aldo-keto reductase family 1, member B1 variant	3.254213823
ATP2B4;ATP2B2	Isoform XD of Plasma membrane calcium-transporting ATPase 4;Isoform ZD of Plasma membrane calcium-transporting ATPase 4;Isoform XB of Pl	3.253012306
OASL;TRIP14	Isoform p56 of 59 kDa 2'-5'-oligoadenylate synthetase-like protein;Isoform p30 of 59 kDa 2'-5'-oligoadenylate synthetase-like protein	3.212818658
F11R;JAM1	cDNA FLJ54854, highly similar to Junctional adhesion molecule A;Junctional adhesion molecule A;30 kDa protein;Junction adhesion molecule;cDNA	3.142892333
FOLR1;FOLR	Folate receptor alpha	3.11173313
S100A10;ANX2LG	Protein S100-A10	3.050035324
TMEM106B	Transmembrane protein 106B;Putative uncharacterized protein TMEM106B;Putative uncharacterized protein TMEM106B	2.988096487
SDCBP;MDA9	Isoform 1 of Syntenin-1;Syntenin isoform 3;Isoform 3 of Syntenin-1;cDNA FLJ52996, highly similar to Syntenin-1	2.978048607
PLEC1	Isoform 3 of Plectin-1;Isoform 2 of Plectin-1	2.921643911
P4HA2	Isoform IIb of Prolyl 4-hydroxylase subunit alpha-2;Isoform IIa of Prolyl 4-hydroxylase subunit alpha-2	2.890528222
CD276;B7H3	60 kDa protein;Isoform 1 of CD276 antigen;Isoform 4 of CD276 antigen;Isoform 3 of CD276 antigen;Isoform 2 of CD276 antigen	2.87767893
JUP;CTNNG;DP3	Junction plakoglobin	2.722176194
FDXR;ADXR	cDNA FLJ53329, highly similar to NADPH:adrenodoxin oxidoreductase, mitochondrial;cDNA FLJ59457, highly similar to NADPH:adrenodoxin oxidor	2.636697419
ANXA11;ANX11	cDNA FLJ55482, highly similar to Annexin A11;cDNA FLJ51518, highly similar to Annexin A11	2.567579604
SNAP23;hCG_40424	Isoform SNAP-23a of Synaptosomal-associated protein 23;19 kDa protein;Isoform SNAP-23b of Synaptosomal-associated protein 23;14 kDa protein	2.502885247
GOLGA4	Isoform 3 of Golgin subfamily A member 4;Isoform 1 of Golgin subfamily A member 4;Isoform 4 of Golgin subfamily A member 4;CTCL tumor antigen	2.39626247
SLFN5	Isoform 1 of Schlafen family member 5;Isoform 2 of Schlafen family member 5	2.367534403
TTYH3;KIAA1691	Isoform 1 of Protein tweety homolog 3;Isoform 2 of Protein tweety homolog 3;Isoform 3 of Protein tweety homolog 3;45 kDa protein;Putative unchara	2.364521768
LAMA5;KIAA0533	Laminin subunit alpha-5;LAMA5 protein;Laminin, alpha 5	2.361834114
MOV10;KIAA1631	Isoform 1 of Putative helicase MOV-10;Mov10, Moloney leukemia virus 10, homolog (Mouse), isoform CRA_a;Isoform 2 of Putative helicase MOV-10	2.339389588
ITGB5	Integrin beta-5;Putative uncharacterized protein ITGB5	2.33124659
TIGAR;C12orf5	Probable fructose-2,6-bisphosphatase TIGAR	2.2939311

LXN	Latexin	2.273107687
PLOD2	Isoform 2 of Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2;Isoform 1 of Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2;81 kDa protein	2.258921893
CD59;MIC11;MIN1	CD59 glycoprotein	2.254925693
NDRG1;CAP43;DRG1	Protein NDRG1;cDNA FLJ39243 fis, clone OCBBF2008283, highly similar to Protein NDRG1	2.236467919
AKAP2;PRKA2	Isoform 2 of A-kinase anchor protein 2;Isoform 4 of A-kinase anchor protein 2;Isoform 5 of A-kinase anchor protein 2;Isoform 3 of A-kinase anchor pi	2.232391175
CORO1B	Coronin-1B	2.23229162
APOBEC3C;APOBEC1L	Similar to Apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3C;Probable DNA dC->dU-editing enzyme APOBEC-3C	2.204891833
BASP1;NAP22	Isoform 1 of Brain acid soluble protein 1;Isoform 2 of Brain acid soluble protein 1	2.201501144
ANXA2;ANX2	Isoform 2 of Annexin A2;Isoform 1 of Annexin A2;Putative annexin A2-like protein;24 kDa protein;cDNA FLJ59138, highly similar to Annexin A2;cDN.	2.192379303
DSG2;CDHF5	Desmoglein-2	2.187728693
ATP2B1;PMCA1	Isoform D of Plasma membrane calcium-transporting ATPase 1;Isoform C of Plasma membrane calcium-transporting ATPase 1;Isoform B of Plasma	2.182419596

1504 proteins show between 2.14-0.5 fold differences in abundance

2.146537874

SH3PXD2A;FISH	Isoform 1 of SH3 and PX domain-containing protein 2A;SH3 multiple domains 1;cDNA FLJ58079, highly similar to Homo sapiens SH3 multiple doma	0.496806865
THOP1	Thimet oligopeptidase	0.487104732
ACTL6A;BAF53;BAF53A	Isoform 1 of Actin-like protein 6A;Isoform 2 of Actin-like protein 6A	0.478801814
KPNA2;RCH1;SRP1	Importin subunit alpha-2;Karyopherin alpha 2	0.476549682
NCAPG;CAPG	Condensin complex subunit 3	0.476452665
RIF1	Putative uncharacterized protein RIF1;Isoform 1 of Telomere-associated protein RIF1;Isoform 2 of Telomere-associated protein RIF1;Putative uncha	0.475679879
RRM1;RR1	Ribonucleoside-diphosphate reductase large subunit;Ribonucleoside-diphosphate reductase	0.469254526
MKI67	Isoform Long of Antigen KI-67;Isoform Short of Antigen KI-67	0.466346378
DEK	Protein DEK;cDNA FLJ53031, highly similar to Protein DEK;DEK oncogene isoform 2	0.465818192
NCAPD2;CAPD2	Condensin complex subunit 1;cDNA FLJ43165 fis, clone FCBBF3002163, highly similar to Homo sapiens chromosome condensation-related SMC-a	0.460829241
MCM7;CDC47;MCM2	Isoform 1 of DNA replication licensing factor MCM7;minichromosome maintenance complex component 7 isoform 2;Isoform 2 of DNA replication lice	0.454988464
HPRT1;HPRT	Putative uncharacterized protein HPRT1;Hypoxanthine-guanine phosphoribosyltransferase	0.45314423
MAT2A;AMS2	S-adenosylmethionine synthetase isoform type-2;S-adenosylmethionine synthetase;Putative uncharacterized protein MAT2A	0.451432455
LAP3;LAPEP;PEPS	Isoform 1 of Cytosol aminopeptidase;Isoform 2 of Cytosol aminopeptidase;cDNA FLJ54122, highly similar to Cytosol aminopeptidase	0.419000286
TWF1;PTK9	twinfilin 1;30 kDa protein;42 kDa protein;Isoform 3 of Twinfilin-1;Isoform 4 of Twinfilin-1	0.40399835
HSPA4L	Heat shock 70kDa protein 4-like, isoform CRA_b;Heat shock 70 kDa protein 4L	0.376398125
RELA;NFKB3	Isoform 1 of Transcription factor p65;Isoform 4 of Transcription factor p65;Isoform 3 of Transcription factor p65;Isoform 2 of Transcription factor p65;l	0.370561522
KIF23;KNSL5;MKLP1	Putative uncharacterized protein KIF23 (Fragment);Isoform 1 of Kinesin-like protein KIF23;Isoform 2 of Kinesin-like protein KIF23	0.362408742
CMPK1;CMK	UMP-CMP kinase 1 isoform a;UMP-CMP kinase 1 isoform b;cDNA FLJ53966, moderately similar to Homo sapiens cytidylate kinase (CMPK), mRNA	0.357131384
HCA90;TPX2	TPX2, microtubule-associated, homolog (Xenopus laevis), isoform CRA_a;Targeting protein for Xklp2	0.328209864
DUT	Isoform 1 of Deoxyuridine 5'-triphosphate nucleotidohydrolase, mitochondrial;Isoform 3 of Deoxyuridine 5'-triphosphate nucleotidohydrolase, mitochc	0.325648874
TOP2A;TOP2	Isoform 4 of DNA topoisomerase 2-alpha;Putative uncharacterized protein TOP2A;Isoform 3 of DNA topoisomerase 2-alpha;Isoform 2 of DNA topois	0.316073529
KIF2C;KNSL6	Isoform 1 of Kinesin-like protein KIF2C;Isoform 2 of Kinesin-like protein KIF2C;Kinesin family member 2C;Kinesin family member 2C	0.301177349
RAB32	Ras-related protein Rab-32	0.242804635
DCTPP1;XTP3TPA	dCTP pyrophosphatase 1	0.203680381