

Table SI. Downregulated differentially expressed miRNAs.

miRNA_ID	logFC	Organism	P-value	adj.P-val
hsa-miR-224	-3.611364018	Homo sapiens	4.704541X10 <sup>-4</sup>	9.492047X10 <sup>-2</sup>
hsa-miR-552	-2.47550072	Homo sapiens	1.969810X10 <sup>-3</sup>	2.048602X10 <sup>-1</sup>
hsa-miR-452	-3.911955824	Homo sapiens	3.519551X10 <sup>-3</sup>	3.050277X10 <sup>-1</sup>
hsa-miR-632	-6.306017809	Homo sapiens	4.193914X10 <sup>-3</sup>	3.115479X10 <sup>-1</sup>
hsa-miR-338-3p	-2.313799507	Homo sapiens	1.281004X10 <sup>-2</sup>	4.938729X10 <sup>-1</sup>
hsa-miR-613	-3.656453617	Homo sapiens	1.430181X10 <sup>-2</sup>	4.957961X10 <sup>-1</sup>
hsa-miR-100	-4.555884576	Homo sapiens	1.231372X10 <sup>-2</sup>	4.938729X10 <sup>-1</sup>
hsa-miR-155	-4.13799782	Homo sapiens	1.543739X10 <sup>-2</sup>	5.017153X10 <sup>-1</sup>
hsa-miR-558	-4.671272624	Homo sapiens	1.329658X10 <sup>-2</sup>	4.938729X10 <sup>-1</sup>
hsa-miR-199a-5p	-9.212635703	Homo sapiens	9.381811X10 <sup>-3</sup>	4.938729X10 <sup>-1</sup>
hsa-miR-506	-5.088160255	Homo sapiens	2.376149X10 <sup>-2</sup>	5.709080X10 <sup>-1</sup>
hsa-miR-518a-3p	-3.617471157	Homo sapiens	2.452572X10 <sup>-2</sup>	5.709080X10 <sup>-1</sup>
hsa-miR-204	-6.084012321	Homo sapiens	3.266813X10 <sup>-2</sup>	5.709080X10 <sup>-1</sup>
hsa-miR-30a	-3.265247816	Homo sapiens	3.812119X10 <sup>-2</sup>	5.712206X10 <sup>-1</sup>
hsa-miR-302a	-4.865908616	Homo sapiens	4.296057X10 <sup>-2</sup>	5.712206X10 <sup>-1</sup>
hsa-miR-329	-2.921631153	Homo sapiens	4.497473X10 <sup>-2</sup>	5.712206X10 <sup>-1</sup>
hsa-miR-29b-1	-1.262992593	Homo sapiens	3.492042X10 <sup>-2</sup>	5.709080X10 <sup>-1</sup>
hsa-miR-489	-2.928682264	Homo sapiens	4.521176X10 <sup>-2</sup>	5.712206X10 <sup>-1</sup>
hsa-miR-302d	-4.875872112	Homo sapiens	4.723555X10 <sup>-2</sup>	5.712206X10 <sup>-1</sup>
hsa-miR-215	-1.623325417	Homo sapiens	4.692535X10 <sup>-2</sup>	5.712206X10 <sup>-1</sup>

miRNA, microRNA; hsa, Homo sapiens; FC, fold change; adj.P-val, adjusted P-value

Table SII. miRNA-gene co-expression associations.

miRNA	Gene	Correlationvalue
hsa-miR-224	IFI27	-0.930379067
hsa-miR-29b-1	IFI27	-0.975700088
hsa-miR-338-3p	IFI27	-0.948161986
hsa-miR-552	IFI27	-0.960106383
hsa-miR-149	PDZK1IP1	-0.947298992
hsa-miR-193b	PDZK1IP1	-0.940186827
hsa-miR-210	PDZK1IP1	-0.954477577
hsa-miR-505	PDZK1IP1	-0.95412915
hsa-miR-770-5p	PDZK1IP1	-0.971974925
hsa-miR-224	IGFBP7	-0.933347592
hsa-miR-29b-1	IGFBP7	-0.972061302
hsa-miR-338-3p	IGFBP7	-0.952124771
hsa-miR-452	IGFBP7	-0.929714157
hsa-miR-552	IGFBP7	-0.964923427
hsa-miR-29b-1	BST2	-0.975423495
hsa-miR-338-3p	BST2	-0.919356313
hsa-miR-452	BST2	-0.921424406

hsa-miR-552	BST2	-0.954485572
hsa-miR-215	ARMCX4	-0.927014731
hsa-miR-224	ARMCX4	-0.943098372
hsa-miR-29b-1	ARMCX4	-0.941096095
hsa-miR-338-3p	ARMCX4	-0.930146561
hsa-miR-552	ARMCX4	-0.958675854
hsa-miR-224	RPS23	-0.938402886
hsa-miR-29b-1	RPS23	-0.976974373
hsa-miR-338-3p	RPS23	-0.928793417
hsa-miR-552	RPS23	-0.963377061
hsa-miR-29b-1	ATP6AP1L	-0.931120963
hsa-miR-552	ATP6AP1L	-0.922322097
hsa-miR-149	GLIPR1	-0.938368151
hsa-miR-193b	GLIPR1	-0.933893543
hsa-miR-210	GLIPR1	-0.94973856
hsa-miR-505	GLIPR1	-0.956990354
hsa-miR-770-5p	GLIPR1	-0.956944111
hsa-miR-224	CMPK2	-0.94325894
hsa-miR-29b-1	CMPK2	-0.987773898
hsa-miR-552	CMPK2	-0.982400054
hsa-miR-224	PRSS1	-0.902427417
hsa-miR-29b-1	PRSS1	-0.971377108
hsa-miR-338-3p	PRSS1	-0.916380919
hsa-miR-552	PRSS1	-0.942139059
hsa-miR-224	DNAJC15	-0.908017642
hsa-miR-29b-1	DNAJC15	-0.980890122
hsa-miR-552	DNAJC15	-0.964119432
hsa-miR-224	NNMT	-0.926692974
hsa-miR-29b-1	NNMT	-0.993312603
hsa-miR-552	NNMT	-0.97598344
hsa-miR-29b-1	ANXA13	-0.941502353
hsa-miR-552	ANXA13	-0.918453811
hsa-miR-155	SAMHD1	-0.912004286
hsa-miR-215	SAMHD1	-0.957785858
hsa-miR-224	SAMHD1	-0.962102988
hsa-miR-29b-1	SAMHD1	-0.939333494
hsa-miR-338-3p	SAMHD1	-0.960648518
hsa-miR-452	SAMHD1	-0.918461558
hsa-miR-552	SAMHD1	-0.964774825
hsa-miR-224	SSBP2	-0.932921173
hsa-miR-29b-1	SSBP2	-0.983625861
hsa-miR-552	SSBP2	-0.977672808
hsa-miR-224	IFI44	-0.940214923
hsa-miR-29b-1	IFI44	-0.995715634

hsa-miR-338-3p	IFI44	-0.910348665
hsa-miR-552	IFI44	-0.981507319
hsa-miR-29b-1	FAIM2	-0.908923909
hsa-miR-552	FAIM2	-0.901716507
hsa-miR-224	HCP5	-0.92422282
hsa-miR-29b-1	HCP5	-0.970920807
hsa-miR-452	HCP5	-0.900329091
hsa-miR-552	HCP5	-0.961063378
hsa-miR-224	ATG10	-0.934241334
hsa-miR-29b-1	ATG10	-0.97410715
hsa-miR-338-3p	ATG10	-0.930432814
hsa-miR-552	ATG10	-0.95752139
hsa-miR-224	CD99	-0.918706915
hsa-miR-29b-1	CD99	-0.988839285
hsa-miR-552	CD99	-0.975201974
hsa-miR-224	SCIN	-0.931143231
hsa-miR-29b-1	SCIN	-0.980800765
hsa-miR-338-3p	SCIN	-0.905589052
hsa-miR-552	SCIN	-0.973094114
hsa-miR-29b-1	IFITM2	-0.966778797
hsa-miR-552	IFITM2	-0.93690541
hsa-miR-29b-1	ZCCHC9	-0.93313652
hsa-miR-552	ZCCHC9	-0.927703675
hsa-miR-224	BGN	-0.924322848
hsa-miR-29b-1	BGN	-0.984614462
hsa-miR-552	BGN	-0.973479236
hsa-miR-29b-1	PLTP	-0.953964079
hsa-miR-552	PLTP	-0.935872086
hsa-miR-224	FERMT1	-0.920290061
hsa-miR-29b-1	FERMT1	-0.975432931
hsa-miR-552	FERMT1	-0.965250043
hsa-miR-224	XRCC4	-0.930008873
hsa-miR-29b-1	XRCC4	-0.980042323
hsa-miR-452	XRCC4	-0.911820547
hsa-miR-552	XRCC4	-0.980781117
hsa-miR-149	SLC19A1	-0.904741985
hsa-miR-210	SLC19A1	-0.926355861
hsa-miR-505	SLC19A1	-0.944586491
hsa-miR-770-5p	SLC19A1	-0.943325495
hsa-miR-224	CLEC4G	-0.909646547
hsa-miR-29b-1	CLEC4G	-0.977989741
hsa-miR-338-3p	CLEC4G	-0.921398704
hsa-miR-552	CLEC4G	-0.946115527
hsa-miR-29b-1	EML2	-0.974712294

hsa-miR-552	EML2	-0.958038542
hsa-miR-224	DNAJA4	-0.918295918
hsa-miR-29b-1	DNAJA4	-0.980767671
hsa-miR-552	DNAJA4	-0.970342504
hsa-miR-149	CACNG4	-0.929992594
hsa-miR-193b	CACNG4	-0.914701476
hsa-miR-210	CACNG4	-0.939777055
hsa-miR-505	CACNG4	-0.933134821
hsa-miR-770-5p	CACNG4	-0.98546714
hsa-miR-224	ZDHHC2	-0.929281576
hsa-miR-29b-1	ZDHHC2	-0.990330624
hsa-miR-338-3p	ZDHHC2	-0.928634479
hsa-miR-552	ZDHHC2	-0.968132889
hsa-miR-224	FLJ32255	-0.929842641
hsa-miR-29b-1	FLJ32255	-0.995337535
hsa-miR-552	FLJ32255	-0.981427848
hsa-miR-224	MAPRE2	-0.934186077
hsa-miR-29b-1	MAPRE2	-0.98987915
hsa-miR-452	MAPRE2	-0.910314937
hsa-miR-552	MAPRE2	-0.978375173
hsa-miR-224	VNN1	-0.907639226
hsa-miR-29b-1	VNN1	-0.927925494
hsa-miR-552	VNN1	-0.909736275
hsa-miR-224	HLA-B	-0.942686522
hsa-miR-29b-1	HLA-B	-0.975016448
hsa-miR-338-3p	HLA-B	-0.954666633
hsa-miR-452	HLA-B	-0.916957617
hsa-miR-552	HLA-B	-0.968671799
hsa-miR-224	NAV1	-0.911075362
hsa-miR-29b-1	NAV1	-0.99197652
hsa-miR-552	NAV1	-0.960443175
hsa-miR-224	FGF19	-0.928115338
hsa-miR-29b-1	FGF19	-0.978259649
hsa-miR-452	FGF19	-0.900012594
hsa-miR-552	FGF19	-0.97927823
hsa-miR-224	HLA-C	-0.942273564
hsa-miR-29b-1	HLA-C	-0.9955339
hsa-miR-338-3p	HLA-C	-0.923709167
hsa-miR-452	HLA-C	-0.905961183
hsa-miR-552	HLA-C	-0.98328461
hsa-miR-224	BLVRA	-0.924710972
hsa-miR-29b-1	BLVRA	-0.991597275
hsa-miR-338-3p	BLVRA	-0.904509435
hsa-miR-452	BLVRA	-0.90109094

hsa-miR-552	BLVRA	-0.971847913
hsa-miR-224	TMEM167A	-0.945791053
hsa-miR-29b-1	TMEM167A	-0.990705412
hsa-miR-338-3p	TMEM167A	-0.934959487
hsa-miR-452	TMEM167A	-0.901366156
hsa-miR-552	TMEM167A	-0.98082381
hsa-miR-224	FXYD3	-0.931623309
hsa-miR-29b-1	FXYD3	-0.983714602
hsa-miR-338-3p	FXYD3	-0.94516979
hsa-miR-552	FXYD3	-0.966438629
hsa-miR-29b-1	LRR50	-0.950766979
hsa-miR-552	LRR50	-0.943289476
hsa-miR-215	NOS3	-0.918927844
hsa-miR-338-3p	NOS3	-0.937858302
hsa-miR-224	GNG2	-0.93273941
hsa-miR-29b-1	GNG2	-0.983671123
hsa-miR-338-3p	GNG2	-0.946329
hsa-miR-452	GNG2	-0.930889551
hsa-miR-552	GNG2	-0.973632018
hsa-miR-224	DHFR	-0.92204671
hsa-miR-29b-1	DHFR	-0.98075114
hsa-miR-338-3p	DHFR	-0.91351774
hsa-miR-552	DHFR	-0.969880102
hsa-miR-770-5p	ZNF599	-0.953869147
hsa-miR-224	SLC39A4	-0.908825886
hsa-miR-29b-1	SLC39A4	-0.979736333
hsa-miR-552	SLC39A4	-0.96058743
hsa-miR-224	C5orf39	-0.916461807
hsa-miR-29b-1	C5orf39	-0.966636772
hsa-miR-552	C5orf39	-0.958303784
hsa-miR-224	IFITM1	-0.936468774
hsa-miR-29b-1	IFITM1	-0.992933232
hsa-miR-338-3p	IFITM1	-0.933620988
hsa-miR-452	IFITM1	-0.909793588
hsa-miR-552	IFITM1	-0.979533814
hsa-miR-29b-1	ZNF83	-0.982608319
hsa-miR-552	ZNF83	-0.948477049
hsa-miR-224	DDX60	-0.943130992
hsa-miR-29b-1	DDX60	-0.990274563
hsa-miR-338-3p	DDX60	-0.918091047
hsa-miR-452	DDX60	-0.917349638
hsa-miR-552	DDX60	-0.986828095
hsa-miR-29b-1	ISG20	-0.965185897
hsa-miR-552	ISG20	-0.943829633

hsa-miR-224	LOC100131067	-0.928435678
hsa-miR-29b-1	LOC100131067	-0.987441483
hsa-miR-452	LOC100131067	-0.906566781
hsa-miR-552	LOC100131067	-0.973401486
hsa-miR-224	ALCAM	-0.931211223
hsa-miR-29b-1	ALCAM	-0.976564199
hsa-miR-338-3p	ALCAM	-0.914167832
hsa-miR-552	ALCAM	-0.96506315
hsa-miR-215	PLCB4	-0.905834901
hsa-miR-224	PLCB4	-0.918689999
hsa-miR-29b-1	PLCB4	-0.96852067
hsa-miR-338-3p	PLCB4	-0.957448562
hsa-miR-552	PLCB4	-0.952725209
hsa-miR-224	PLAC8	-0.927495798
hsa-miR-29b-1	PLAC8	-0.978840947
hsa-miR-338-3p	PLAC8	-0.941754567
hsa-miR-552	PLAC8	-0.965869941
hsa-miR-224	FKRP	-0.920501232
hsa-miR-29b-1	FKRP	-0.984335888
hsa-miR-452	FKRP	-0.909593764
hsa-miR-552	FKRP	-0.976044594
hsa-miR-224	PRKCA	-0.936207672
hsa-miR-29b-1	PRKCA	-0.989137849
hsa-miR-552	PRKCA	-0.982279395
hsa-miR-224	LOC401324	-0.915104388
hsa-miR-29b-1	LOC401324	-0.976669831
hsa-miR-452	LOC401324	-0.903117539
hsa-miR-552	LOC401324	-0.966289906
hsa-miR-224	COMP	-0.924498037
hsa-miR-29b-1	COMP	-0.984134206
hsa-miR-452	COMP	-0.901499296
hsa-miR-552	COMP	-0.971960069
hsa-miR-224	GBP1	-0.923932672
hsa-miR-29b-1	GBP1	-0.985092613
hsa-miR-452	GBP1	-0.904063057
hsa-miR-552	GBP1	-0.972877016
hsa-miR-224	VCAN	-0.925379177
hsa-miR-29b-1	VCAN	-0.982009534
hsa-miR-338-3p	VCAN	-0.901983427
hsa-miR-552	VCAN	-0.969636238
hsa-miR-224	PECI	-0.948313867
hsa-miR-29b-1	PECI	-0.984834952
hsa-miR-338-3p	PECI	-0.942616545
hsa-miR-452	PECI	-0.900701908

hsa-miR-552	PECI	-0.976464328
hsa-miR-224	SLC16A4	-0.917305108
hsa-miR-29b-1	SLC16A4	-0.994858069
hsa-miR-338-3p	SLC16A4	-0.91778434
hsa-miR-552	SLC16A4	-0.965224382
hsa-miR-224	ZNF655	-0.945585893
hsa-miR-29b-1	ZNF655	-0.995718512
hsa-miR-452	ZNF655	-0.903673665
hsa-miR-552	ZNF655	-0.987061154
hsa-miR-29b-1	PHC1	-0.964434904
hsa-miR-338-3p	PHC1	-0.93856058
hsa-miR-552	PHC1	-0.947558888
hsa-miR-29b-1	MATN2	-0.971079625
hsa-miR-552	MATN2	-0.94977449
hsa-miR-29b-1	PIK3AP1	-0.981309543
hsa-miR-552	PIK3AP1	-0.954870944
hsa-miR-224	CADPS2	-0.948863886
hsa-miR-29b-1	CADPS2	-0.995265045
hsa-miR-338-3p	CADPS2	-0.916668107
hsa-miR-452	CADPS2	-0.910588932
hsa-miR-552	CADPS2	-0.987920512
hsa-miR-224	LOC342918	-0.937336331
hsa-miR-29b-1	LOC342918	-0.990744481
hsa-miR-338-3p	LOC342918	-0.928161398
hsa-miR-552	LOC342918	-0.974747315
hsa-miR-224	ZIC2	-0.917361881
hsa-miR-29b-1	ZIC2	-0.979350888
hsa-miR-338-3p	ZIC2	-0.900656638
hsa-miR-452	ZIC2	-0.921333629
hsa-miR-552	ZIC2	-0.973955674
hsa-miR-224	IFI16	-0.963432846
hsa-miR-29b-1	IFI16	-0.987359555
hsa-miR-338-3p	IFI16	-0.917237772
hsa-miR-552	IFI16	-0.988411326
hsa-miR-29b-1	TAP1	-0.952102447
hsa-miR-338-3p	TAP1	-0.93055886
hsa-miR-552	TAP1	-0.915395966
hsa-miR-224	VMA21	-0.911128244
hsa-miR-29b-1	VMA21	-0.981737589
hsa-miR-552	VMA21	-0.96647319
hsa-miR-224	KBTBD11	-0.901040397
hsa-miR-29b-1	KBTBD11	-0.969324054
hsa-miR-552	KBTBD11	-0.956635541
hsa-miR-224	SLC5A4	-0.932776805

hsa-miR-29b-1	SLC5A4	-0.984627814
hsa-miR-338-3p	SLC5A4	-0.904184518
hsa-miR-552	SLC5A4	-0.977050101
hsa-miR-224	CNTNAP2	-0.923404663
hsa-miR-29b-1	CNTNAP2	-0.990341652
hsa-miR-452	CNTNAP2	-0.904223688
hsa-miR-552	CNTNAP2	-0.976770206
hsa-miR-224	AKR1C1	-0.946089742
hsa-miR-29b-1	AKR1C1	-0.983584252
hsa-miR-338-3p	AKR1C1	-0.901481837
hsa-miR-452	AKR1C1	-0.918091072
hsa-miR-552	AKR1C1	-0.980873444
hsa-miR-29b-1	MMP28	-0.951014837
hsa-miR-552	MMP28	-0.942730294
hsa-miR-29b-1	PRSS12	-0.974742655
hsa-miR-552	PRSS12	-0.957655198
hsa-miR-29b-1	RASSF5	-0.958132107
hsa-miR-552	RASSF5	-0.951260639
hsa-miR-149	BNIP3L	-0.93224999
hsa-miR-193b	BNIP3L	-0.943279144
hsa-miR-210	BNIP3L	-0.932709011
hsa-miR-505	BNIP3L	-0.934764769
hsa-miR-770-5p	BNIP3L	-0.940055889
hsa-miR-224	FBXO25	-0.923454592
hsa-miR-29b-1	FBXO25	-0.999162057
hsa-miR-552	FBXO25	-0.972202802
hsa-miR-29b-1	SH3RF2	-0.943993039
hsa-miR-552	SH3RF2	-0.921128331
hsa-miR-215	SLC38A5	-0.90935742
hsa-miR-224	SLC38A5	-0.934264369
hsa-miR-29b-1	SLC38A5	-0.964055911
hsa-miR-338-3p	SLC38A5	-0.953930303
hsa-miR-552	SLC38A5	-0.953836059
hsa-miR-224	HLA-G	-0.928790992
hsa-miR-29b-1	HLA-G	-0.990710609
hsa-miR-338-3p	HLA-G	-0.906095561
hsa-miR-552	HLA-G	-0.975709398
hsa-miR-224	S100A4	-0.930635023
hsa-miR-29b-1	S100A4	-0.988553061
hsa-miR-552	S100A4	-0.981474414
hsa-miR-224	LY6E	-0.932687831
hsa-miR-29b-1	LY6E	-0.991553953
hsa-miR-452	LY6E	-0.900245547
hsa-miR-552	LY6E	-0.983226514



hsa-miR-215	TAGLN	-0.946239854
hsa-miR-224	TAGLN	-0.9186231
hsa-miR-29b-1	TAGLN	-0.938362208
hsa-miR-338-3p	TAGLN	-0.976600245
hsa-miR-552	TAGLN	-0.937890554
hsa-miR-224	GAMT	-0.940842178
hsa-miR-29b-1	GAMT	-0.997504191
hsa-miR-338-3p	GAMT	-0.906947157
hsa-miR-552	GAMT	-0.98370687
hsa-miR-29b-1	MYO7A	-0.994915188
hsa-miR-552	MYO7A	-0.960864323
hsa-miR-224	HAPLN1	-0.932263846
hsa-miR-29b-1	HAPLN1	-0.988993075
hsa-miR-338-3p	HAPLN1	-0.900629944
hsa-miR-452	HAPLN1	-0.908553737
hsa-miR-552	HAPLN1	-0.975870653
hsa-miR-224	AKR1C2	-0.946282072
hsa-miR-29b-1	AKR1C2	-0.98815932
hsa-miR-338-3p	AKR1C2	-0.91928182
hsa-miR-452	AKR1C2	-0.92190141
hsa-miR-552	AKR1C2	-0.988226091
hsa-miR-224	HBE1	-0.910362243
hsa-miR-29b-1	HBE1	-0.99914257
hsa-miR-552	HBE1	-0.965997019
hsa-miR-224	DSE	-0.904822878
hsa-miR-29b-1	DSE	-0.989177691
hsa-miR-552	DSE	-0.966694661
hsa-miR-224	ZFYVE16	-0.941429136
hsa-miR-29b-1	ZFYVE16	-0.989521367
hsa-miR-338-3p	ZFYVE16	-0.935070467
hsa-miR-552	ZFYVE16	-0.974851581
hsa-miR-215	PLCXD1	-0.912990485
hsa-miR-224	PLCXD1	-0.931289261
hsa-miR-29b-1	PLCXD1	-0.964848053
hsa-miR-338-3p	PLCXD1	-0.952990625
hsa-miR-552	PLCXD1	-0.952997138
hsa-miR-224	NMI	-0.927405866
hsa-miR-29b-1	NMI	-0.983674494
hsa-miR-552	NMI	-0.977980895
hsa-miR-29b-1	LOC100505483	-0.968302074
hsa-miR-338-3p	LOC100505483	-0.949067753
hsa-miR-552	LOC100505483	-0.93529956
hsa-miR-224	OAS3	-0.910178617
hsa-miR-29b-1	OAS3	-0.980794035

hsa-miR-338-3p	OAS3	-0.911038932
hsa-miR-452	OAS3	-0.901276934
hsa-miR-552	OAS3	-0.957104349
hsa-miR-224	IDH3G	-0.934476284
hsa-miR-29b-1	IDH3G	-0.98748179
hsa-miR-338-3p	IDH3G	-0.91898102
hsa-miR-452	IDH3G	-0.912921629
hsa-miR-552	IDH3G	-0.974284887
hsa-miR-210	BRCC3	-0.907620659
hsa-miR-505	BRCC3	-0.932704032
hsa-miR-770-5p	BRCC3	-0.918065782
hsa-miR-29b-1	HES6	-0.904040212
hsa-miR-224	SPATA17	-0.940189599
hsa-miR-29b-1	SPATA17	-0.997236536
hsa-miR-552	SPATA17	-0.981941085
hsa-miR-224	COL1A1	-0.941791335
hsa-miR-29b-1	COL1A1	-0.996929684
hsa-miR-338-3p	COL1A1	-0.915097416
hsa-miR-552	COL1A1	-0.981797479
hsa-miR-224	MUC13	-0.932315602
hsa-miR-29b-1	MUC13	-0.965481276
hsa-miR-338-3p	MUC13	-0.919364139
hsa-miR-552	MUC13	-0.953582647
hsa-miR-215	MCTP1	-0.924277108
hsa-miR-224	MCTP1	-0.91021011
hsa-miR-29b-1	MCTP1	-0.943078495
hsa-miR-338-3p	MCTP1	-0.961794822
hsa-miR-552	MCTP1	-0.92880634
hsa-miR-224	CXorf40A	-0.933334926
hsa-miR-29b-1	CXorf40A	-0.985924234
hsa-miR-452	CXorf40A	-0.906140538
hsa-miR-552	CXorf40A	-0.9832726
hsa-miR-224	PPM1K	-0.937206075
hsa-miR-29b-1	PPM1K	-0.990642633
hsa-miR-338-3p	PPM1K	-0.91788695
hsa-miR-452	PPM1K	-0.902891005
hsa-miR-552	PPM1K	-0.97537144
hsa-miR-224	LOC389831	-0.943395721
hsa-miR-29b-1	LOC389831	-0.981759802
hsa-miR-338-3p	LOC389831	-0.946556527
hsa-miR-452	LOC389831	-0.913823201
hsa-miR-552	LOC389831	-0.978453634
hsa-miR-215	LOC100129827	-0.923361139
hsa-miR-224	LOC100129827	-0.948648152

hsa-miR-29b-1	LOC100129827	-0.968375007
hsa-miR-338-3p	LOC100129827	-0.964774864
hsa-miR-452	LOC100129827	-0.924719002
hsa-miR-552	LOC100129827	-0.973194907
hsa-miR-224	LOC400573	-0.916961793
hsa-miR-29b-1	LOC400573	-0.981398234
hsa-miR-552	LOC400573	-0.972143594
hsa-miR-29b-1	CTSS	-0.94007279
hsa-miR-552	CTSS	-0.94155474
hsa-miR-29b-1	CXorf40B	-0.901874429
hsa-miR-224	ERP27	-0.923313323
hsa-miR-29b-1	ERP27	-0.979206107
hsa-miR-552	ERP27	-0.976175138
hsa-miR-224	EPHB2	-0.903232567
hsa-miR-29b-1	EPHB2	-0.975095601
hsa-miR-552	EPHB2	-0.959150521
hsa-miR-224	SYT13	-0.940575612
hsa-miR-29b-1	SYT13	-0.996136947
hsa-miR-338-3p	SYT13	-0.919928783
hsa-miR-552	SYT13	-0.982530838
hsa-miR-215	PSMB8	-0.92961299
hsa-miR-29b-1	PSMB8	-0.91965943
hsa-miR-338-3p	PSMB8	-0.959349086
hsa-miR-552	PSMB8	-0.903229607
hsa-miR-29b-1	RARRES2	-0.96697079
hsa-miR-552	RARRES2	-0.941090589
hsa-miR-224	KLF12	-0.941668353
hsa-miR-29b-1	KLF12	-0.988528704
hsa-miR-338-3p	KLF12	-0.920312498
hsa-miR-452	KLF12	-0.915659848
hsa-miR-552	KLF12	-0.985311135
hsa-miR-224	CLEC3A	-0.938608834
hsa-miR-29b-1	CLEC3A	-0.98943147
hsa-miR-452	CLEC3A	-0.907498367
hsa-miR-552	CLEC3A	-0.982164672
hsa-miR-224	GPC4	-0.952456924
hsa-miR-29b-1	GPC4	-0.987869183
hsa-miR-338-3p	GPC4	-0.922619615
hsa-miR-452	GPC4	-0.924313946
hsa-miR-552	GPC4	-0.98577903
hsa-miR-149	IDS	-0.916844496
hsa-miR-210	IDS	-0.938821473
hsa-miR-505	IDS	-0.946251433
hsa-miR-770-5p	IDS	-0.973119779

hsa-miR-224	FAM50A	-0.929258671
hsa-miR-29b-1	FAM50A	-0.987080177
hsa-miR-452	FAM50A	-0.907769062
hsa-miR-552	FAM50A	-0.979945963
hsa-miR-215	TMLHE	-0.913817426
hsa-miR-224	TMLHE	-0.926457203
hsa-miR-29b-1	TMLHE	-0.967243849
hsa-miR-338-3p	TMLHE	-0.961633245
hsa-miR-552	TMLHE	-0.955427842
hsa-miR-224	CD200	-0.908476651
hsa-miR-29b-1	CD200	-0.983084419
hsa-miR-452	CD200	-0.903505451
hsa-miR-552	CD200	-0.96625932
hsa-miR-224	ATP10B	-0.936057146
hsa-miR-29b-1	ATP10B	-0.983991451
hsa-miR-338-3p	ATP10B	-0.939755337
hsa-miR-452	ATP10B	-0.901428027
hsa-miR-552	ATP10B	-0.96861825
hsa-miR-224	PLD1	-0.928202698
hsa-miR-29b-1	PLD1	-0.994140345
hsa-miR-552	PLD1	-0.980476553
hsa-miR-224	GDI1	-0.952639339
hsa-miR-29b-1	GDI1	-0.990266326
hsa-miR-338-3p	GDI1	-0.929163631
hsa-miR-452	GDI1	-0.92681357
hsa-miR-552	GDI1	-0.988586497
hsa-miR-224	DUSP5	-0.934022545
hsa-miR-29b-1	DUSP5	-0.993317626
hsa-miR-452	DUSP5	-0.900516757
hsa-miR-552	DUSP5	-0.982739859
hsa-miR-224	REPS2	-0.903459237
hsa-miR-29b-1	REPS2	-0.984364734
hsa-miR-552	REPS2	-0.965598497
hsa-miR-224	IRAK1	-0.906486291
hsa-miR-29b-1	IRAK1	-0.982986008
hsa-miR-552	IRAK1	-0.966183228
hsa-miR-29b-1	MYLK	-0.92366805
hsa-miR-552	MYLK	-0.920422765
hsa-miR-224	CLN8	-0.967232516
hsa-miR-29b-1	CLN8	-0.978633142
hsa-miR-452	CLN8	-0.916481227
hsa-miR-552	CLN8	-0.996038175
hsa-miR-29b-1	HIST1H2AC	-0.946889783
hsa-miR-552	HIST1H2AC	-0.949424086

hsa-miR-224	HYLS1	-0.937703881
hsa-miR-29b-1	HYLS1	-0.993807166
hsa-miR-338-3p	HYLS1	-0.919324375
hsa-miR-552	HYLS1	-0.974828535
hsa-miR-149	EDIL3	-0.900257329
hsa-miR-193b	EDIL3	-0.913720213
hsa-miR-215	TRIM29	-0.910489054
hsa-miR-224	TRIM29	-0.911501945
hsa-miR-29b-1	TRIM29	-0.943589304
hsa-miR-338-3p	TRIM29	-0.955052544
hsa-miR-552	TRIM29	-0.928128623
hsa-miR-215	SERPINH1	-0.908835611
hsa-miR-224	SERPINH1	-0.958034343
hsa-miR-29b-1	SERPINH1	-0.960652369
hsa-miR-338-3p	SERPINH1	-0.955688926
hsa-miR-452	SERPINH1	-0.934566101
hsa-miR-552	SERPINH1	-0.971305985
hsa-miR-224	ARHGEF4	-0.943862262
hsa-miR-29b-1	ARHGEF4	-0.995987411
hsa-miR-552	ARHGEF4	-0.987793369
hsa-miR-224	FUNDC2	-0.928134103
hsa-miR-29b-1	FUNDC2	-0.976799896
hsa-miR-338-3p	FUNDC2	-0.948979387
hsa-miR-552	FUNDC2	-0.962857818
hsa-miR-224	RARRES3	-0.914560636
hsa-miR-29b-1	RARRES3	-0.975603748
hsa-miR-338-3p	RARRES3	-0.907173624
hsa-miR-552	RARRES3	-0.959053681
hsa-miR-224	IFIT3	-0.942368444
hsa-miR-29b-1	IFIT3	-0.98999884
hsa-miR-338-3p	IFIT3	-0.938755615
hsa-miR-452	IFIT3	-0.924210848
hsa-miR-552	IFIT3	-0.982274271
hsa-miR-224	ENPP5	-0.957145816
hsa-miR-29b-1	ENPP5	-0.984658265
hsa-miR-338-3p	ENPP5	-0.913585148
hsa-miR-452	ENPP5	-0.902908737
hsa-miR-552	ENPP5	-0.981485585
hsa-miR-215	CAV1	-0.913127548
hsa-miR-224	CAV1	-0.923368174
hsa-miR-29b-1	CAV1	-0.962752152
hsa-miR-338-3p	CAV1	-0.967077138
hsa-miR-552	CAV1	-0.950050892
hsa-miR-224	BLMH	-0.907114122

hsa-miR-29b-1	BLMH	-0.990725432
hsa-miR-552	BLMH	-0.967387926
hsa-miR-224	MSH3	-0.934462594
hsa-miR-29b-1	MSH3	-0.998120414
hsa-miR-552	MSH3	-0.982117431
hsa-miR-224	FAM55C	-0.967340746
hsa-miR-29b-1	FAM55C	-0.984198941
hsa-miR-552	FAM55C	-0.987807074
hsa-miR-224	TACR3	-0.943080792
hsa-miR-29b-1	TACR3	-0.977659617
hsa-miR-338-3p	TACR3	-0.931056752
hsa-miR-552	TACR3	-0.97419115
hsa-miR-224	IFITM3	-0.918716074
hsa-miR-29b-1	IFITM3	-0.971534135
hsa-miR-338-3p	IFITM3	-0.919866278
hsa-miR-552	IFITM3	-0.946506414
hsa-miR-215	PPP1R1B	-0.937795929
hsa-miR-29b-1	PPP1R1B	-0.915617501
hsa-miR-338-3p	PPP1R1B	-0.94804682
hsa-miR-552	PPP1R1B	-0.905151305
hsa-miR-29b-1	DGAT2	-0.968549623
hsa-miR-552	DGAT2	-0.939479677
hsa-miR-215	DNAH5	-0.910622492
hsa-miR-29b-1	DNAH5	-0.942780633
hsa-miR-338-3p	DNAH5	-0.951206748
hsa-miR-552	DNAH5	-0.919187497
hsa-miR-224	SPATA22	-0.912592717
hsa-miR-29b-1	SPATA22	-0.955275578
hsa-miR-338-3p	SPATA22	-0.91808191
hsa-miR-552	SPATA22	-0.93752609
hsa-miR-224	WDR54	-0.907032683
hsa-miR-29b-1	WDR54	-0.994591728
hsa-miR-552	WDR54	-0.966044466
hsa-miR-224	UBE2L6	-0.951443121
hsa-miR-29b-1	UBE2L6	-0.978563905
hsa-miR-338-3p	UBE2L6	-0.914441774
hsa-miR-452	UBE2L6	-0.906246334
hsa-miR-552	UBE2L6	-0.975262557
hsa-miR-224	C13orf15	-0.903963988
hsa-miR-29b-1	C13orf15	-0.954914164
hsa-miR-552	C13orf15	-0.944272968
hsa-miR-224	C4orf47	-0.901467677
hsa-miR-29b-1	C4orf47	-0.968327766
hsa-miR-338-3p	C4orf47	-0.951197281

hsa-miR-552	C4orf47	-0.944137442
hsa-miR-29b-1	ATHL1	-0.95176772
hsa-miR-552	ATHL1	-0.930505214
hsa-miR-29b-1	ALDH1A3	-0.971032729
hsa-miR-338-3p	ALDH1A3	-0.936019876
hsa-miR-552	ALDH1A3	-0.939291839
hsa-miR-224	HPN	-0.941095278
hsa-miR-29b-1	HPN	-0.982609096
hsa-miR-338-3p	HPN	-0.942106519
hsa-miR-452	HPN	-0.913931844
hsa-miR-552	HPN	-0.972403671
hsa-miR-224	SESN1	-0.955064449
hsa-miR-29b-1	SESN1	-0.982193135
hsa-miR-338-3p	SESN1	-0.935050908
hsa-miR-452	SESN1	-0.944431939
hsa-miR-552	SESN1	-0.990113143
hsa-miR-224	SSR4	-0.960888963
hsa-miR-29b-1	SSR4	-0.987263411
hsa-miR-552	SSR4	-0.992883779
hsa-miR-224	ZCCHC24	-0.901293104
hsa-miR-29b-1	ZCCHC24	-0.949930355
hsa-miR-552	ZCCHC24	-0.93164467
hsa-miR-29b-1	CSRNP3	-0.95703179
hsa-miR-452	CSRNP3	-0.900754618
hsa-miR-552	CSRNP3	-0.938417897
hsa-miR-224	ZNF302	-0.946304831
hsa-miR-29b-1	ZNF302	-0.988674727
hsa-miR-338-3p	ZNF302	-0.935797568
hsa-miR-552	ZNF302	-0.979569427
hsa-miR-215	ARHGAP24	-0.93178427
hsa-miR-224	ARHGAP24	-0.950145037
hsa-miR-29b-1	ARHGAP24	-0.961540641
hsa-miR-338-3p	ARHGAP24	-0.956833512
hsa-miR-552	ARHGAP24	-0.964987501
hsa-miR-29b-1	TUBAL3	-0.973066448
hsa-miR-552	TUBAL3	-0.946048674
hsa-miR-215	CYP1B1	-0.911402734
hsa-miR-224	CYP1B1	-0.901401465
hsa-miR-29b-1	CYP1B1	-0.943315017
hsa-miR-338-3p	CYP1B1	-0.955489018
hsa-miR-552	CYP1B1	-0.922469004
hsa-miR-224	FMR1	-0.911428799
hsa-miR-29b-1	FMR1	-0.972068457
hsa-miR-552	FMR1	-0.968100511

hsa-miR-224	AMPD3	-0.945941542
hsa-miR-29b-1	AMPD3	-0.991404048
hsa-miR-338-3p	AMPD3	-0.91331136
hsa-miR-452	AMPD3	-0.910775361
hsa-miR-552	AMPD3	-0.988043023
hsa-miR-29b-1	RSAD2	-0.932626331
hsa-miR-338-3p	RSAD2	-0.907554859
hsa-miR-552	RSAD2	-0.900200741
hsa-miR-224	NDRG1	-0.912437064
hsa-miR-29b-1	NDRG1	-0.992894604
hsa-miR-552	NDRG1	-0.964384224
hsa-miR-149	ASAP1	-0.95020679
hsa-miR-193b	ASAP1	-0.950554298
hsa-miR-210	ASAP1	-0.95495566
hsa-miR-505	ASAP1	-0.949348032
hsa-miR-770-5p	ASAP1	-0.977499034
hsa-miR-215	HAUS7	-0.925733881
hsa-miR-224	HAUS7	-0.932800152
hsa-miR-29b-1	HAUS7	-0.951901622
hsa-miR-338-3p	HAUS7	-0.954593302
hsa-miR-552	HAUS7	-0.945740501
hsa-miR-224	PARP12	-0.927719703
hsa-miR-29b-1	PARP12	-0.969948253
hsa-miR-338-3p	PARP12	-0.95461278
hsa-miR-452	PARP12	-0.90084404
hsa-miR-552	PARP12	-0.955314459
hsa-miR-224	PPP1R14C	-0.930632338
hsa-miR-29b-1	PPP1R14C	-0.988999044
hsa-miR-338-3p	PPP1R14C	-0.911709412
hsa-miR-452	PPP1R14C	-0.924055196
hsa-miR-552	PPP1R14C	-0.979615459
hsa-miR-224	CMBL	-0.919014713
hsa-miR-29b-1	CMBL	-0.987443999
hsa-miR-338-3p	CMBL	-0.925503248
hsa-miR-452	CMBL	-0.915104303
hsa-miR-552	CMBL	-0.967858372
hsa-miR-29b-1	MTUS1	-0.93345934
hsa-miR-338-3p	MTUS1	-0.966774621
hsa-miR-452	MTUS1	-0.930921396
hsa-miR-552	MTUS1	-0.915671685
hsa-miR-224	ANKRD50	-0.934085902
hsa-miR-29b-1	ANKRD50	-0.98238087
hsa-miR-552	ANKRD50	-0.982395639
hsa-miR-224	TAP2	-0.924382652



hsa-miR-29b-1	TAP2	-0.99739019
hsa-miR-552	TAP2	-0.975259215
hsa-miR-29b-1	BCAP31	-0.947990584
hsa-miR-338-3p	BCAP31	-0.91967494
hsa-miR-552	BCAP31	-0.92017811
hsa-miR-224	NETO2	-0.907314803
hsa-miR-29b-1	NETO2	-0.930525105
hsa-miR-552	NETO2	-0.948884825
hsa-miR-224	AGPAT5	-0.945112951
hsa-miR-29b-1	AGPAT5	-0.987330417
hsa-miR-338-3p	AGPAT5	-0.921801131
hsa-miR-452	AGPAT5	-0.924561683
hsa-miR-552	AGPAT5	-0.987507636
hsa-miR-149	TMPRSS2	-0.918047257
hsa-miR-210	TMPRSS2	-0.921776724
hsa-miR-365	TMPRSS2	-0.90630225
hsa-miR-505	TMPRSS2	-0.913978402
hsa-miR-770-5p	TMPRSS2	-0.948948307
hsa-miR-224	FDFT1	-0.919494834
hsa-miR-29b-1	FDFT1	-0.986055759
hsa-miR-338-3p	FDFT1	-0.944429561
hsa-miR-552	FDFT1	-0.962047364
hsa-miR-149	KCNE3	-0.919914725
hsa-miR-193b	KCNE3	-0.913279622
hsa-miR-210	KCNE3	-0.930912108
hsa-miR-505	KCNE3	-0.946182149
hsa-miR-770-5p	KCNE3	-0.935053916
hsa-miR-224	ACTN4	-0.912529819
hsa-miR-29b-1	ACTN4	-0.992119885
hsa-miR-338-3p	ACTN4	-0.911327148
hsa-miR-552	ACTN4	-0.96175168
hsa-miR-224	LAGE3	-0.959434908
hsa-miR-29b-1	LAGE3	-0.991910679
hsa-miR-338-3p	LAGE3	-0.916328679
hsa-miR-452	LAGE3	-0.915905714
hsa-miR-552	LAGE3	-0.99136345
hsa-miR-29b-1	ELFN2	-0.931385178
hsa-miR-338-3p	ELFN2	-0.943315204
hsa-miR-552	ELFN2	-0.906702633
hsa-miR-215	MLF1	-0.913240321
hsa-miR-29b-1	MLF1	-0.931805764
hsa-miR-338-3p	MLF1	-0.948251884
hsa-miR-552	MLF1	-0.90668768
hsa-miR-224	MBIP	-0.912968316

hsa-miR-29b-1	MBIP	-0.989596872
hsa-miR-552	MBIP	-0.971017984
hsa-miR-29b-1	CRIP2	-0.95906866
hsa-miR-552	CRIP2	-0.943117678
hsa-miR-224	OSGIN2	-0.948372594
hsa-miR-29b-1	OSGIN2	-0.991925438
hsa-miR-552	OSGIN2	-0.984385245
hsa-miR-224	SUCNR1	-0.911479917
hsa-miR-29b-1	SUCNR1	-0.972537218
hsa-miR-552	SUCNR1	-0.962629722
hsa-miR-29b-1	YBX2	-0.932092701
hsa-miR-338-3p	YBX2	-0.903628262
hsa-miR-552	YBX2	-0.906179471
hsa-miR-149	PPP2R3A	-0.934454028
hsa-miR-193b	PPP2R3A	-0.923763937
hsa-miR-210	PPP2R3A	-0.940912596
hsa-miR-365	PPP2R3A	-0.907588412
hsa-miR-505	PPP2R3A	-0.947963654
hsa-miR-770-5p	PPP2R3A	-0.943943599
hsa-miR-224	DKK1	-0.938112652
hsa-miR-29b-1	DKK1	-0.997742099
hsa-miR-338-3p	DKK1	-0.910477908
hsa-miR-552	DKK1	-0.981779139
hsa-miR-224	DHRS2	-0.95159736
hsa-miR-29b-1	DHRS2	-0.993694733
hsa-miR-552	DHRS2	-0.990557843
hsa-miR-29b-1	CASP2	-0.902847557
hsa-miR-215	CDH1	-0.910176427
hsa-miR-29b-1	CDH1	-0.939313405
hsa-miR-338-3p	CDH1	-0.945193681
hsa-miR-552	CDH1	-0.919614876
hsa-miR-224	PIGZ	-0.93707036
hsa-miR-29b-1	PIGZ	-0.994646513
hsa-miR-552	PIGZ	-0.981611061
hsa-miR-224	RARRES1	-0.948894346
hsa-miR-29b-1	RARRES1	-0.992852537
hsa-miR-552	RARRES1	-0.986772256
hsa-miR-224	DCDC5	-0.924772744
hsa-miR-29b-1	DCDC5	-0.988098256
hsa-miR-552	DCDC5	-0.979133117
hsa-miR-224	AGT	-0.918907327
hsa-miR-29b-1	AGT	-0.964300736
hsa-miR-338-3p	AGT	-0.924174399
hsa-miR-552	AGT	-0.948914155

hsa-miR-224	SEMA4G	-0.908552969
hsa-miR-29b-1	SEMA4G	-0.980143185
hsa-miR-552	SEMA4G	-0.951220147
hsa-miR-29b-1	NHSL1	-0.928516458
hsa-miR-552	NHSL1	-0.914579304
hsa-miR-224	RASSF8	-0.943466116
hsa-miR-29b-1	RASSF8	-0.990929338
hsa-miR-338-3p	RASSF8	-0.918523995
hsa-miR-452	RASSF8	-0.920718988
hsa-miR-552	RASSF8	-0.983548587
hsa-miR-224	LOC283352	-0.929915399
hsa-miR-29b-1	LOC283352	-0.985398626
hsa-miR-338-3p	LOC283352	-0.941747667
hsa-miR-452	LOC283352	-0.907113242
hsa-miR-552	LOC283352	-0.973374829
hsa-miR-224	GABRE	-0.923521044
hsa-miR-29b-1	GABRE	-0.990789034
hsa-miR-552	GABRE	-0.975408022
hsa-miR-149	LARP6	-0.940536678
hsa-miR-193b	LARP6	-0.935073374
hsa-miR-210	LARP6	-0.934308672
hsa-miR-505	LARP6	-0.924458961
hsa-miR-770-5p	LARP6	-0.934085826
hsa-miR-29b-1	BCL2L15	-0.961984136
hsa-miR-552	BCL2L15	-0.934845994
hsa-miR-224	ALDH1A1	-0.917844223
hsa-miR-29b-1	ALDH1A1	-0.957712829
hsa-miR-452	ALDH1A1	-0.916067276
hsa-miR-552	ALDH1A1	-0.954141307
hsa-miR-29b-1	POLL	-0.954842503
hsa-miR-552	POLL	-0.946044999
hsa-miR-215	NCRNA00103	-0.949139586
hsa-miR-224	NCRNA00103	-0.951351799
hsa-miR-29b-1	NCRNA00103	-0.943208641
hsa-miR-338-3p	NCRNA00103	-0.955874417
hsa-miR-552	NCRNA00103	-0.95499175
hsa-miR-224	RNF170	-0.945164694
hsa-miR-29b-1	RNF170	-0.984392306
hsa-miR-338-3p	RNF170	-0.940277981
hsa-miR-452	RNF170	-0.91524654
hsa-miR-552	RNF170	-0.981837827
hsa-miR-224	SEPW1	-0.940659059
hsa-miR-29b-1	SEPW1	-0.991695097
hsa-miR-338-3p	SEPW1	-0.93132264

hsa-miR-452	SEPW1	-0.908750502
hsa-miR-552	SEPW1	-0.978392803
hsa-miR-224	SNAI3	-0.941771049
hsa-miR-29b-1	SNAI3	-0.989484815
hsa-miR-338-3p	SNAI3	-0.932381151
hsa-miR-552	SNAI3	-0.974390122
hsa-miR-224	MACROD2	-0.932298611
hsa-miR-29b-1	MACROD2	-0.992459823
hsa-miR-452	MACROD2	-0.906345333
hsa-miR-552	MACROD2	-0.982566907
hsa-miR-224	NEBL	-0.940942625
hsa-miR-29b-1	NEBL	-0.981921558
hsa-miR-338-3p	NEBL	-0.953086668
hsa-miR-452	NEBL	-0.911704543
hsa-miR-552	NEBL	-0.974508652
hsa-miR-224	LOC100506844	-0.961199996
hsa-miR-29b-1	LOC100506844	-0.980007679
hsa-miR-338-3p	LOC100506844	-0.927023881
hsa-miR-452	LOC100506844	-0.923271584
hsa-miR-552	LOC100506844	-0.991114931
hsa-miR-224	ENO2	-0.956423777
hsa-miR-29b-1	ENO2	-0.992797303
hsa-miR-338-3p	ENO2	-0.92167991
hsa-miR-452	ENO2	-0.915577794
hsa-miR-552	ENO2	-0.99015449
hsa-miR-224	VAMP7	-0.919804095
hsa-miR-29b-1	VAMP7	-0.96613289
hsa-miR-452	VAMP7	-0.909149791
hsa-miR-552	VAMP7	-0.969546558
hsa-miR-770-5p	CTSB	-0.94285435
hsa-miR-149	SMARCA1	-0.909546497
hsa-miR-210	SMARCA1	-0.92294336
hsa-miR-505	SMARCA1	-0.927756485
hsa-miR-770-5p	SMARCA1	-0.979461959
hsa-miR-224	C7orf29	-0.923690656
hsa-miR-29b-1	C7orf29	-0.974610647
hsa-miR-338-3p	C7orf29	-0.927424474
hsa-miR-552	C7orf29	-0.95163833
hsa-miR-29b-1	LOC439911	-0.936635472
hsa-miR-552	LOC439911	-0.907757821
hsa-miR-224	HOXA11-AS	-0.941096666
hsa-miR-29b-1	HOXA11-AS	-0.996839911
hsa-miR-552	HOXA11-AS	-0.98550044
hsa-miR-215	ZC3H12C	-0.927148248

hsa-miR-224	ZC3H12C	-0.953186946
hsa-miR-29b-1	ZC3H12C	-0.962977858
hsa-miR-338-3p	ZC3H12C	-0.947911349
hsa-miR-552	ZC3H12C	-0.966094868
hsa-miR-215	ALDH3A1	-0.919930434
hsa-miR-29b-1	ALDH3A1	-0.919269672
hsa-miR-338-3p	ALDH3A1	-0.957836416
hsa-miR-224	FOXJ1	-0.927218351
hsa-miR-29b-1	FOXJ1	-0.995372293
hsa-miR-552	FOXJ1	-0.977830848
hsa-miR-215	LGR5	-0.94002012
hsa-miR-224	LGR5	-0.953335117
hsa-miR-29b-1	LGR5	-0.951433297
hsa-miR-338-3p	LGR5	-0.963566184
hsa-miR-452	LGR5	-0.910568734
hsa-miR-552	LGR5	-0.96091864
hsa-miR-224	ATP11C	-0.918234605
hsa-miR-29b-1	ATP11C	-0.998095852
hsa-miR-552	ATP11C	-0.969512748
hsa-miR-215	MYB	-0.911462105
hsa-miR-224	MYB	-0.907327731
hsa-miR-29b-1	MYB	-0.943110967
hsa-miR-338-3p	MYB	-0.956892439
hsa-miR-552	MYB	-0.925764547
hsa-miR-224	ZDHHC4	-0.924601637
hsa-miR-29b-1	ZDHHC4	-0.989953135
hsa-miR-338-3p	ZDHHC4	-0.908024035
hsa-miR-452	ZDHHC4	-0.918069409
hsa-miR-552	ZDHHC4	-0.977972467
hsa-miR-224	DPY19L2P2	-0.907373139
hsa-miR-29b-1	DPY19L2P2	-0.986071123
hsa-miR-552	DPY19L2P2	-0.966064105
hsa-miR-29b-1	ERN2	-0.972339116
hsa-miR-338-3p	ERN2	-0.938617923
hsa-miR-452	ERN2	-0.901162925
hsa-miR-552	ERN2	-0.940182904
hsa-miR-224	TM4SF4	-0.927892507
hsa-miR-29b-1	TM4SF4	-0.96898711
hsa-miR-338-3p	TM4SF4	-0.952417417
hsa-miR-452	TM4SF4	-0.902712087
hsa-miR-552	TM4SF4	-0.954992656
hsa-miR-224	ITGA1	-0.946240284
hsa-miR-29b-1	ITGA1	-0.995451181
hsa-miR-338-3p	ITGA1	-0.921778919

hsa-miR-552	ITGA1	-0.984158318
hsa-miR-224	IL1F7	-0.951944836
hsa-miR-29b-1	IL1F7	-0.988529639
hsa-miR-338-3p	IL1F7	-0.935700465
hsa-miR-452	IL1F7	-0.930817376
hsa-miR-552	IL1F7	-0.987691552
hsa-miR-215	NEK11	-0.944990448
hsa-miR-224	NEK11	-0.933388592
hsa-miR-29b-1	NEK11	-0.936170103
hsa-miR-338-3p	NEK11	-0.960566415
hsa-miR-552	NEK11	-0.938769707
hsa-miR-149	PSD3	-0.92162662
hsa-miR-193b	PSD3	-0.913665944
hsa-miR-210	PSD3	-0.929703592
hsa-miR-505	PSD3	-0.93485035
hsa-miR-770-5p	PSD3	-0.963298402
hsa-miR-29b-1	LOC100287628	-0.974604004
hsa-miR-552	LOC100287628	-0.956602434
hsa-miR-29b-1	OAS1	-0.945862458
hsa-miR-552	OAS1	-0.927272359
hsa-miR-29b-1	SFXN3	-0.922932656
hsa-miR-338-3p	SFXN3	-0.96356543
hsa-miR-552	SFXN3	-0.903535234
hsa-miR-365	DAB2	-0.940165281
hsa-miR-29b-1	LGALS2	-0.926912404
hsa-miR-338-3p	LGALS2	-0.936234822
hsa-miR-552	LGALS2	-0.909348777
hsa-miR-224	SLC1A1	-0.95155427
hsa-miR-29b-1	SLC1A1	-0.985476797
hsa-miR-338-3p	SLC1A1	-0.923537897
hsa-miR-452	SLC1A1	-0.906829719
hsa-miR-552	SLC1A1	-0.986447006
hsa-miR-215	EPSTI1	-0.927896174
hsa-miR-224	EPSTI1	-0.913631242
hsa-miR-29b-1	EPSTI1	-0.944025023
hsa-miR-338-3p	EPSTI1	-0.969264825
hsa-miR-552	EPSTI1	-0.932874384
hsa-miR-29b-1	HOXA2	-0.968572523
hsa-miR-552	HOXA2	-0.939047424
hsa-miR-224	ITGA9	-0.900764038
hsa-miR-29b-1	ITGA9	-0.995825981
hsa-miR-552	ITGA9	-0.963032387
hsa-miR-224	TCEAL4	-0.921739122
hsa-miR-29b-1	TCEAL4	-0.979578695

hsa-miR-452	TCEAL4	-0.902837928
hsa-miR-552	TCEAL4	-0.964903117
hsa-miR-215	PAG1	-0.929624375
hsa-miR-224	PAG1	-0.936257646
hsa-miR-29b-1	PAG1	-0.948642019
hsa-miR-338-3p	PAG1	-0.971340991
hsa-miR-452	PAG1	-0.914913848
hsa-miR-552	PAG1	-0.95009311
hsa-miR-224	SLC25A45	-0.906644895
hsa-miR-29b-1	SLC25A45	-0.987740651
hsa-miR-552	SLC25A45	-0.962808823
hsa-miR-224	REPIN1	-0.930059536
hsa-miR-29b-1	REPIN1	-0.994008293
hsa-miR-452	REPIN1	-0.904387518
hsa-miR-552	REPIN1	-0.980612226
hsa-miR-224	KLF15	-0.928438743
hsa-miR-29b-1	KLF15	-0.991749851
hsa-miR-338-3p	KLF15	-0.911811292
hsa-miR-452	KLF15	-0.909755436
hsa-miR-552	KLF15	-0.975161097
hsa-miR-149	PCGF5	-0.935989171
hsa-miR-193b	PCGF5	-0.946913051
hsa-miR-210	PCGF5	-0.928430172
hsa-miR-505	PCGF5	-0.933600459
hsa-miR-224	IRF9	-0.931709253
hsa-miR-29b-1	IRF9	-0.978983615
hsa-miR-338-3p	IRF9	-0.939213166
hsa-miR-552	IRF9	-0.967398282
hsa-miR-29b-1	FAM85A	-0.908873625
hsa-miR-552	FAM85A	-0.901697994
hsa-miR-224	ITPKA	-0.929721741
hsa-miR-29b-1	ITPKA	-0.968799657
hsa-miR-338-3p	ITPKA	-0.906041045
hsa-miR-452	ITPKA	-0.922374423
hsa-miR-552	ITPKA	-0.964265845
hsa-miR-29b-1	ATP6AP1	-0.962470448
hsa-miR-552	ATP6AP1	-0.934138587
hsa-miR-224	DNAJC18	-0.920832895
hsa-miR-29b-1	DNAJC18	-0.969751177
hsa-miR-338-3p	DNAJC18	-0.94003036
hsa-miR-552	DNAJC18	-0.950775704
hsa-miR-224	LOC100505609	-0.94384845
hsa-miR-29b-1	LOC100505609	-0.979745018
hsa-miR-338-3p	LOC100505609	-0.901182834

hsa-miR-452	LOC100505609	-0.937074437
hsa-miR-552	LOC100505609	-0.984934197
hsa-miR-224	KCNMB4	-0.930650207
hsa-miR-29b-1	KCNMB4	-0.97738578
hsa-miR-338-3p	KCNMB4	-0.927757745
hsa-miR-452	KCNMB4	-0.913950199
hsa-miR-552	KCNMB4	-0.965053464
hsa-miR-224	KRT17	-0.915018907
hsa-miR-29b-1	KRT17	-0.997572237
hsa-miR-338-3p	KRT17	-0.903231125
hsa-miR-552	KRT17	-0.967046885
hsa-miR-224	CTGF	-0.92041723
hsa-miR-29b-1	CTGF	-0.980191296
hsa-miR-338-3p	CTGF	-0.942429655
hsa-miR-552	CTGF	-0.956099943
hsa-miR-29b-1	SP140L	-0.960936789
hsa-miR-552	SP140L	-0.918003917
hsa-miR-29b-1	UBL4A	-0.905697339
hsa-miR-29b-1	TMEM185A	-0.93625976
hsa-miR-552	TMEM185A	-0.91654786
hsa-miR-29b-1	ERLIN2	-0.972897832
hsa-miR-552	ERLIN2	-0.942087375
hsa-miR-149	HLA-F	-0.925030066
hsa-miR-193b	HLA-F	-0.931984916
hsa-miR-210	HLA-F	-0.92529902
hsa-miR-505	HLA-F	-0.930592968
hsa-miR-770-5p	HLA-F	-0.932511453
hsa-miR-29b-1	MFAP3L	-0.961260102
hsa-miR-552	MFAP3L	-0.939418623
hsa-miR-29b-1	CD37	-0.929953446
hsa-miR-552	CD37	-0.91267758
hsa-miR-224	ASRGL1	-0.906654325
hsa-miR-29b-1	ASRGL1	-0.989901925
hsa-miR-552	ASRGL1	-0.967381295
hsa-miR-224	SCML4	-0.935239789
hsa-miR-29b-1	SCML4	-0.991357888
hsa-miR-338-3p	SCML4	-0.911083684
hsa-miR-452	SCML4	-0.909000955
hsa-miR-552	SCML4	-0.977505064
hsa-miR-224	TNFRSF10D	-0.949510864
hsa-miR-29b-1	TNFRSF10D	-0.993159188
hsa-miR-552	TNFRSF10D	-0.987223839
hsa-miR-224	FBXL17	-0.907862431
hsa-miR-29b-1	FBXL17	-0.962511508



hsa-miR-338-3p	FBXL17	-0.940718288
hsa-miR-552	FBXL17	-0.93785538
hsa-miR-224	ZNF609	-0.929532962
hsa-miR-29b-1	ZNF609	-0.97136424
hsa-miR-338-3p	ZNF609	-0.944460229
hsa-miR-552	ZNF609	-0.954708302
hsa-miR-224	CEACAM1	-0.930852107
hsa-miR-29b-1	CEACAM1	-0.993433574
hsa-miR-552	CEACAM1	-0.982259705
hsa-miR-224	SNTB1	-0.946387854
hsa-miR-29b-1	SNTB1	-0.984242386
hsa-miR-338-3p	SNTB1	-0.942066887
hsa-miR-452	SNTB1	-0.905910211
hsa-miR-552	SNTB1	-0.979414991
hsa-miR-215	ISG15	-0.932018649
hsa-miR-224	ISG15	-0.903357614
hsa-miR-29b-1	ISG15	-0.925281186
hsa-miR-338-3p	ISG15	-0.944014927
hsa-miR-552	ISG15	-0.925232233
hsa-miR-215	SOX8	-0.915040131
hsa-miR-224	SOX8	-0.900485665
hsa-miR-29b-1	SOX8	-0.94701627
hsa-miR-338-3p	SOX8	-0.950108524
hsa-miR-552	SOX8	-0.927541231
hsa-miR-224	STAU2	-0.911059899
hsa-miR-29b-1	STAU2	-0.982467021
hsa-miR-552	STAU2	-0.967305565
hsa-miR-224	OBFC1	-0.927311633
hsa-miR-29b-1	OBFC1	-0.987457107
hsa-miR-338-3p	OBFC1	-0.907183328
hsa-miR-552	OBFC1	-0.968697014
hsa-miR-224	EPAS1	-0.92761344
hsa-miR-29b-1	EPAS1	-0.989208883
hsa-miR-552	EPAS1	-0.977779285
hsa-miR-224	CHST4	-0.933679917
hsa-miR-29b-1	CHST4	-0.979579358
hsa-miR-338-3p	CHST4	-0.916816877
hsa-miR-452	CHST4	-0.939774127
hsa-miR-552	CHST4	-0.977793062
hsa-miR-224	TFF3	-0.925576713
hsa-miR-29b-1	TFF3	-0.990602677
hsa-miR-338-3p	TFF3	-0.923265738
hsa-miR-452	TFF3	-0.920349473
hsa-miR-552	TFF3	-0.977055234

hsa-miR-224	MCOLN3	-0.921741123
hsa-miR-29b-1	MCOLN3	-0.983278218
hsa-miR-338-3p	MCOLN3	-0.905424899
hsa-miR-452	MCOLN3	-0.901431824
hsa-miR-552	MCOLN3	-0.964415022
hsa-miR-29b-1	NUDT4P1	-0.959305392
hsa-miR-552	NUDT4P1	-0.937521127
hsa-miR-29b-1	MOSC2	-0.969489055
hsa-miR-338-3p	MOSC2	-0.929190741
hsa-miR-552	MOSC2	-0.938247841
hsa-miR-149	FXYD5	-0.944124389
hsa-miR-193b	FXYD5	-0.940142985
hsa-miR-210	FXYD5	-0.954360363
hsa-miR-505	FXYD5	-0.95882127
hsa-miR-770-5p	FXYD5	-0.960987243
hsa-miR-215	MYCL1	-0.909821974
hsa-miR-224	MYCL1	-0.941344821
hsa-miR-29b-1	MYCL1	-0.968458436
hsa-miR-338-3p	MYCL1	-0.935418553
hsa-miR-552	MYCL1	-0.963004029
hsa-miR-224	PARP14	-0.925316619
hsa-miR-29b-1	PARP14	-0.98661382
hsa-miR-338-3p	PARP14	-0.919949666
hsa-miR-452	PARP14	-0.902528883
hsa-miR-552	PARP14	-0.966834235
hsa-miR-224	LOC150005	-0.925615195
hsa-miR-29b-1	LOC150005	-0.994827242
hsa-miR-338-3p	LOC150005	-0.911783376
hsa-miR-552	LOC150005	-0.973725076
hsa-miR-224	TMED7	-0.920035095
hsa-miR-29b-1	TMED7	-0.973633457
hsa-miR-338-3p	TMED7	-0.944665616
hsa-miR-452	TMED7	-0.927977871
hsa-miR-552	TMED7	-0.960154597
hsa-miR-224	FAM122B	-0.937032795
hsa-miR-29b-1	FAM122B	-0.997918449
hsa-miR-552	FAM122B	-0.983217141
hsa-miR-224	C17orf97	-0.900375663
hsa-miR-29b-1	C17orf97	-0.949626883
hsa-miR-338-3p	C17orf97	-0.947688072
hsa-miR-552	C17orf97	-0.924422209
hsa-miR-224	CASP1	-0.907072649
hsa-miR-29b-1	CASP1	-0.997750326
hsa-miR-552	CASP1	-0.964328535

hsa-miR-224	C6orf145	-0.940462891
hsa-miR-29b-1	C6orf145	-0.977817429
hsa-miR-338-3p	C6orf145	-0.913274021
hsa-miR-552	C6orf145	-0.975201512
hsa-miR-224	WDR55	-0.924011997
hsa-miR-29b-1	WDR55	-0.96376565
hsa-miR-552	WDR55	-0.971400861
hsa-miR-224	MCM4	-0.954764421
hsa-miR-29b-1	MCM4	-0.995309903
hsa-miR-338-3p	MCM4	-0.912745616
hsa-miR-452	MCM4	-0.903711483
hsa-miR-552	MCM4	-0.989479125
hsa-miR-215	DIAPH3	-0.918939299
hsa-miR-224	DIAPH3	-0.931579388
hsa-miR-29b-1	DIAPH3	-0.966154726
hsa-miR-338-3p	DIAPH3	-0.960930783
hsa-miR-552	DIAPH3	-0.958475566
hsa-miR-770-5p	PML	-0.928173492
hsa-miR-224	EMD	-0.9236978
hsa-miR-29b-1	EMD	-0.965157783
hsa-miR-552	EMD	-0.962810243
hsa-miR-29b-1	LIPG	-0.933570427
hsa-miR-552	LIPG	-0.937783064
hsa-miR-224	HMGB3	-0.914973959
hsa-miR-29b-1	HMGB3	-0.977253867
hsa-miR-552	HMGB3	-0.964711988
hsa-miR-224	MSRA	-0.950674952
hsa-miR-29b-1	MSRA	-0.989257296
hsa-miR-338-3p	MSRA	-0.916660798
hsa-miR-452	MSRA	-0.916962289
hsa-miR-552	MSRA	-0.98454548
hsa-miR-224	NXF3	-0.930796633
hsa-miR-29b-1	NXF3	-0.995461062
hsa-miR-552	NXF3	-0.972732329
hsa-miR-224	AGMAT	-0.962473727
hsa-miR-29b-1	AGMAT	-0.97662746
hsa-miR-338-3p	AGMAT	-0.935787094
hsa-miR-452	AGMAT	-0.912006789
hsa-miR-552	AGMAT	-0.97956301
hsa-miR-224	SEPP1	-0.941969914
hsa-miR-29b-1	SEPP1	-0.976184119
hsa-miR-552	SEPP1	-0.981102768
hsa-miR-215	LOC387895	-0.934617683
hsa-miR-338-3p	LOC387895	-0.927342946

hsa-miR-215	C1orf97	-0.926835689
hsa-miR-29b-1	C1orf97	-0.917376869
hsa-miR-338-3p	C1orf97	-0.940710372
hsa-miR-552	C1orf97	-0.903646036
hsa-miR-224	AUTS2	-0.934223283
hsa-miR-29b-1	AUTS2	-0.975663944
hsa-miR-552	AUTS2	-0.966961628
hsa-miR-29b-1	GATM	-0.977017353
hsa-miR-552	GATM	-0.938706973
hsa-miR-215	EFR3B	-0.92492181
hsa-miR-29b-1	EFR3B	-0.909200559
hsa-miR-338-3p	EFR3B	-0.943668483
hsa-miR-552	EFR3B	-0.900409453
hsa-miR-29b-1	SYTL1	-0.930046235
hsa-miR-552	SYTL1	-0.925237198
hsa-miR-224	LOC100507192	-0.933065573
hsa-miR-29b-1	LOC100507192	-0.981549629
hsa-miR-452	LOC100507192	-0.929021417
hsa-miR-552	LOC100507192	-0.98052305
hsa-miR-224	SCLY	-0.903771982
hsa-miR-29b-1	SCLY	-0.992827558
hsa-miR-552	SCLY	-0.963902203
hsa-miR-29b-1	TWSG1	-0.925705677
hsa-miR-552	TWSG1	-0.914326986
hsa-miR-29b-1	EDN1	-0.924602752
hsa-miR-552	EDN1	-0.909493527
hsa-miR-224	XK	-0.949584184
hsa-miR-29b-1	XK	-0.977126121
hsa-miR-338-3p	XK	-0.906988625
hsa-miR-452	XK	-0.928138371
hsa-miR-552	XK	-0.988824061
hsa-miR-224	CDHR1	-0.925721417
hsa-miR-29b-1	CDHR1	-0.982977018
hsa-miR-452	CDHR1	-0.911498332
hsa-miR-552	CDHR1	-0.974913433
hsa-miR-29b-1	TMX4	-0.971942901
hsa-miR-452	TMX4	-0.901323619
hsa-miR-552	TMX4	-0.953947141
hsa-miR-224	KCNN4	-0.908318793
hsa-miR-29b-1	KCNN4	-0.970539167
hsa-miR-452	KCNN4	-0.908021439
hsa-miR-552	KCNN4	-0.954151464
hsa-miR-215	TRIM16L	-0.921020855
hsa-miR-224	TRIM16L	-0.92903279

hsa-miR-29b-1	TRIM16L	-0.958759997
hsa-miR-338-3p	TRIM16L	-0.959729702
hsa-miR-552	TRIM16L	-0.948979038
hsa-miR-149	PLSCR1	-0.958304751
hsa-miR-193b	PLSCR1	-0.946678702
hsa-miR-210	PLSCR1	-0.96939334
hsa-miR-505	PLSCR1	-0.972400156
hsa-miR-770-5p	PLSCR1	-0.961409699
hsa-miR-224	TFPI	-0.937241329
hsa-miR-29b-1	TFPI	-0.991474244
hsa-miR-452	TFPI	-0.912315145
hsa-miR-552	TFPI	-0.983418462
hsa-miR-224	GALNT10	-0.910771387
hsa-miR-29b-1	GALNT10	-0.990498186
hsa-miR-338-3p	GALNT10	-0.914475089
hsa-miR-552	GALNT10	-0.964194959
hsa-miR-149	PLOD2	-0.924765088
hsa-miR-193b	PLOD2	-0.91906851
hsa-miR-210	PLOD2	-0.937100331
hsa-miR-505	PLOD2	-0.944296529
hsa-miR-770-5p	PLOD2	-0.968115561
hsa-miR-149	FAM198B	-0.928770872
hsa-miR-193b	FAM198B	-0.920713954
hsa-miR-210	FAM198B	-0.939262716
hsa-miR-505	FAM198B	-0.942927162
hsa-miR-770-5p	FAM198B	-0.974309208
hsa-miR-149	HOOK3	-0.918323785
hsa-miR-193b	HOOK3	-0.923965264
hsa-miR-210	HOOK3	-0.914689498
hsa-miR-505	HOOK3	-0.919135262
hsa-miR-770-5p	HOOK3	-0.914397594
hsa-miR-149	BTBD16	-0.954555972
hsa-miR-193b	BTBD16	-0.946259603
hsa-miR-210	BTBD16	-0.962700114
hsa-miR-505	BTBD16	-0.958990055
hsa-miR-770-5p	BTBD16	-0.977708936
hsa-miR-149	EFS	-0.902837067
hsa-miR-193b	EFS	-0.902594134
hsa-miR-210	EFS	-0.916557573
hsa-miR-505	EFS	-0.933380045
hsa-miR-770-5p	EFS	-0.933976406
hsa-miR-149	PDLIM2	-0.93415636
hsa-miR-193b	PDLIM2	-0.933699404
hsa-miR-210	PDLIM2	-0.941958669

hsa-miR-505	PDLIM2	-0.950738217
hsa-miR-770-5p	PDLIM2	-0.944104027
hsa-miR-149	ATF6	-0.913906533
hsa-miR-210	ATF6	-0.927071674
hsa-miR-505	ATF6	-0.929600804
hsa-miR-770-5p	ATF6	-0.977518042
hsa-miR-149	SLC2A13	-0.930272373
hsa-miR-193b	SLC2A13	-0.920038743
hsa-miR-210	SLC2A13	-0.945825238
hsa-miR-505	SLC2A13	-0.956007844
hsa-miR-770-5p	SLC2A13	-0.960584225
hsa-miR-149	MIA3	-0.952096564
hsa-miR-193b	MIA3	-0.953844582
hsa-miR-210	MIA3	-0.950451495
hsa-miR-505	MIA3	-0.941692357
hsa-miR-770-5p	MIA3	-0.968258774
hsa-miR-149	C3orf57	-0.930377614
hsa-miR-193b	C3orf57	-0.927490934
hsa-miR-210	C3orf57	-0.94142154
hsa-miR-505	C3orf57	-0.936995877
hsa-miR-770-5p	C3orf57	-0.985509455
hsa-miR-770-5p	AIF1L	-0.936628494
hsa-miR-149	EEF1A2	-0.915882435
hsa-miR-210	EEF1A2	-0.929656411
hsa-miR-365	EEF1A2	-0.909931112
hsa-miR-505	EEF1A2	-0.926865892
hsa-miR-770-5p	EEF1A2	-0.967204206
hsa-miR-149	OSBPL1A	-0.945542182
hsa-miR-193b	OSBPL1A	-0.938437874
hsa-miR-210	OSBPL1A	-0.951550728
hsa-miR-505	OSBPL1A	-0.948986649
hsa-miR-770-5p	OSBPL1A	-0.975048997
hsa-miR-149	DKC1	-0.930380193
hsa-miR-193b	DKC1	-0.934515791
hsa-miR-210	DKC1	-0.938424217
hsa-miR-505	DKC1	-0.937690868
hsa-miR-770-5p	DKC1	-0.971689736
hsa-miR-210	FLJ22184	-0.903188836
hsa-miR-770-5p	FLJ22184	-0.949631257
hsa-miR-149	CD55	-0.947374593
hsa-miR-193b	CD55	-0.943431649
hsa-miR-210	CD55	-0.949663517
hsa-miR-505	CD55	-0.947180211
hsa-miR-770-5p	CD55	-0.963134595

hsa-miR-149	CD244	-0.919146891
hsa-miR-193b	CD244	-0.910638207
hsa-miR-210	CD244	-0.937779562
hsa-miR-505	CD244	-0.947140067
hsa-miR-770-5p	CD244	-0.958598675
hsa-miR-149	MYST3	-0.917925743
hsa-miR-193b	MYST3	-0.909821459
hsa-miR-210	MYST3	-0.935852888
hsa-miR-505	MYST3	-0.957292619
hsa-miR-149	MTO1	-0.915348121
hsa-miR-210	MTO1	-0.922076312
hsa-miR-505	MTO1	-0.913446464
hsa-miR-770-5p	MTO1	-0.961649709
hsa-miR-149	NUDT12	-0.949984461
hsa-miR-193b	NUDT12	-0.933448092
hsa-miR-210	NUDT12	-0.959323962
hsa-miR-365	NUDT12	-0.916075778
hsa-miR-505	NUDT12	-0.961403085
hsa-miR-770-5p	NUDT12	-0.962194683
hsa-miR-149	MCAM	-0.965265066
hsa-miR-193b	MCAM	-0.958163875
hsa-miR-210	MCAM	-0.97070459
hsa-miR-505	MCAM	-0.967221243
hsa-miR-770-5p	MCAM	-0.966224886
hsa-miR-149	LANCL2	-0.953505715
hsa-miR-193b	LANCL2	-0.941485333
hsa-miR-210	LANCL2	-0.95491816
hsa-miR-505	LANCL2	-0.933935854
hsa-miR-770-5p	LANCL2	-0.97852951
hsa-miR-149	CLGN	-0.940673884
hsa-miR-193b	CLGN	-0.931919401
hsa-miR-210	CLGN	-0.952257002
hsa-miR-505	CLGN	-0.942199097
hsa-miR-770-5p	CLGN	-0.984956196
hsa-miR-149	CCNE2	-0.937854051
hsa-miR-193b	CCNE2	-0.941076836
hsa-miR-210	CCNE2	-0.947472501
hsa-miR-505	CCNE2	-0.950237489
hsa-miR-770-5p	CCNE2	-0.944490495
hsa-miR-149	IFNGR1	-0.929786093
hsa-miR-193b	IFNGR1	-0.934509851
hsa-miR-210	IFNGR1	-0.924942683
hsa-miR-505	IFNGR1	-0.920180038
hsa-miR-770-5p	IFNGR1	-0.945187684

hsa-miR-149	LAPTM4B	-0.923807165
hsa-miR-193b	LAPTM4B	-0.920674378
hsa-miR-210	LAPTM4B	-0.930753445
hsa-miR-505	LAPTM4B	-0.938617842
hsa-miR-770-5p	LAPTM4B	-0.951867254
hsa-miR-210	ASCL2	-0.910499958
hsa-miR-505	ASCL2	-0.915973409
hsa-miR-770-5p	ASCL2	-0.974570914
hsa-miR-149	LPIN2	-0.957953549
hsa-miR-193b	LPIN2	-0.944605567
hsa-miR-210	LPIN2	-0.962246487
hsa-miR-365	LPIN2	-0.903504431
hsa-miR-505	LPIN2	-0.954803389
hsa-miR-770-5p	LPIN2	-0.969123455
hsa-miR-149	FSCN1	-0.955476387
hsa-miR-193b	FSCN1	-0.948071817
hsa-miR-210	FSCN1	-0.96332696
hsa-miR-505	FSCN1	-0.962803167
hsa-miR-770-5p	FSCN1	-0.969473546
hsa-miR-149	TMEM66	-0.955395045
hsa-miR-193b	TMEM66	-0.96132991
hsa-miR-210	TMEM66	-0.953253971
hsa-miR-505	TMEM66	-0.936897585
hsa-miR-770-5p	TMEM66	-0.982100569
hsa-miR-149	LOC283867	-0.93872315
hsa-miR-193b	LOC283867	-0.928575552
hsa-miR-210	LOC283867	-0.94634187
hsa-miR-505	LOC283867	-0.945044047
hsa-miR-770-5p	LOC283867	-0.975630588
hsa-miR-149	FAM60A	-0.92371658
hsa-miR-193b	FAM60A	-0.907274516
hsa-miR-210	FAM60A	-0.942302887
hsa-miR-505	FAM60A	-0.954522202
hsa-miR-770-5p	FAM60A	-0.962481816
hsa-miR-149	SKAP1	-0.943989261
hsa-miR-193b	SKAP1	-0.924676964
hsa-miR-210	SKAP1	-0.957310766
hsa-miR-505	SKAP1	-0.944957362
hsa-miR-770-5p	SKAP1	-0.978314514
hsa-miR-149	C11orf75	-0.940636672
hsa-miR-193b	C11orf75	-0.927738046
hsa-miR-210	C11orf75	-0.945869738
hsa-miR-365	C11orf75	-0.900763486
hsa-miR-505	C11orf75	-0.941924599



hsa-miR-770-5p	C11orf75	-0.968629563
hsa-miR-149	IFI6	-0.952194447
hsa-miR-193b	IFI6	-0.957440866
hsa-miR-210	IFI6	-0.953110045
hsa-miR-505	IFI6	-0.944832824
hsa-miR-770-5p	IFI6	-0.973730514
hsa-miR-149	ZNF614	-0.951249137
hsa-miR-193b	ZNF614	-0.948552383
hsa-miR-210	ZNF614	-0.957830281
hsa-miR-505	ZNF614	-0.948824811
hsa-miR-770-5p	ZNF614	-0.984130257
hsa-miR-149	KLHL5	-0.921169883
hsa-miR-193b	KLHL5	-0.921433144
hsa-miR-210	KLHL5	-0.921872172
hsa-miR-505	KLHL5	-0.923239349
hsa-miR-770-5p	KLHL5	-0.949970008
hsa-miR-149	FBXL16	-0.949052878
hsa-miR-193b	FBXL16	-0.94432541
hsa-miR-210	FBXL16	-0.958184694
hsa-miR-505	FBXL16	-0.956399643
hsa-miR-770-5p	FBXL16	-0.975320592
hsa-miR-149	RASGRF2	-0.938497762
hsa-miR-193b	RASGRF2	-0.925442824
hsa-miR-210	RASGRF2	-0.945146951
hsa-miR-505	RASGRF2	-0.941886585
hsa-miR-770-5p	RASGRF2	-0.972799458
hsa-miR-149	IMPA1	-0.938855204
hsa-miR-193b	IMPA1	-0.934540641
hsa-miR-210	IMPA1	-0.936405569
hsa-miR-505	IMPA1	-0.921319551
hsa-miR-770-5p	IMPA1	-0.972907731
hsa-miR-149	CSF2RA	-0.937812059
hsa-miR-193b	CSF2RA	-0.926708639
hsa-miR-210	CSF2RA	-0.949708081
hsa-miR-505	CSF2RA	-0.950870681
hsa-miR-770-5p	CSF2RA	-0.979182789
hsa-miR-149	ABCC11	-0.936367557
hsa-miR-193b	ABCC11	-0.919818928
hsa-miR-210	ABCC11	-0.950183121
hsa-miR-505	ABCC11	-0.951987167
hsa-miR-770-5p	ABCC11	-0.978075285
hsa-miR-149	SLC39A8	-0.945046561
hsa-miR-193b	SLC39A8	-0.936443575
hsa-miR-210	SLC39A8	-0.954018422

hsa-miR-505	SLC39A8	-0.959671517
hsa-miR-770-5p	SLC39A8	-0.958343703
hsa-miR-149	LRP12	-0.926992894
hsa-miR-193b	LRP12	-0.904133712
hsa-miR-210	LRP12	-0.937632638
hsa-miR-365	LRP12	-0.910057341
hsa-miR-505	LRP12	-0.934438524
hsa-miR-770-5p	LRP12	-0.96899373
hsa-miR-149	ALPK3	-0.933067275
hsa-miR-193b	ALPK3	-0.923588769
hsa-miR-210	ALPK3	-0.945002724
hsa-miR-505	ALPK3	-0.950169962
hsa-miR-770-5p	ALPK3	-0.971535308
hsa-miR-210	UGGT2	-0.915483173
hsa-miR-505	UGGT2	-0.924247444
hsa-miR-770-5p	UGGT2	-0.974895623
hsa-miR-149	FAM26E	-0.931140381
hsa-miR-193b	FAM26E	-0.911328973
hsa-miR-210	FAM26E	-0.947676297
hsa-miR-505	FAM26E	-0.945429297
hsa-miR-770-5p	FAM26E	-0.982991747
hsa-miR-149	CCL20	-0.929859972
hsa-miR-193b	CCL20	-0.921658889
hsa-miR-210	CCL20	-0.931080234
hsa-miR-505	CCL20	-0.927546856
hsa-miR-770-5p	CCL20	-0.956230185
hsa-miR-149	HERC6	-0.923214679
hsa-miR-193b	HERC6	-0.911089719
hsa-miR-210	HERC6	-0.929672648
hsa-miR-505	HERC6	-0.918463366
hsa-miR-770-5p	HERC6	-0.986871827
hsa-miR-210	DTNB	-0.919657181
hsa-miR-505	DTNB	-0.941208328
hsa-miR-770-5p	DTNB	-0.937915336
hsa-miR-149	NSDHL	-0.916811627
hsa-miR-193b	NSDHL	-0.923467683
hsa-miR-210	NSDHL	-0.920003124
hsa-miR-505	NSDHL	-0.931381698
hsa-miR-770-5p	NSDHL	-0.9161565
hsa-miR-149	SLC4A11	-0.931092474
hsa-miR-193b	SLC4A11	-0.931921909
hsa-miR-210	SLC4A11	-0.93219969
hsa-miR-505	SLC4A11	-0.922773436
hsa-miR-770-5p	SLC4A11	-0.983105217

hsa-miR-149	MOSPD1	-0.950824883
hsa-miR-193b	MOSPD1	-0.937656916
hsa-miR-210	MOSPD1	-0.961303431
hsa-miR-505	MOSPD1	-0.95948371
hsa-miR-770-5p	MOSPD1	-0.977392823
hsa-miR-149	TRAPPC6A	-0.909097318
hsa-miR-210	TRAPPC6A	-0.926803895
hsa-miR-505	TRAPPC6A	-0.932652574
hsa-miR-770-5p	TRAPPC6A	-0.978370843
hsa-miR-149	LRRN4	-0.949373184
hsa-miR-193b	LRRN4	-0.940180059
hsa-miR-210	LRRN4	-0.957363096
hsa-miR-505	LRRN4	-0.956108208
hsa-miR-770-5p	LRRN4	-0.974524111
hsa-miR-149	DOCK1	-0.942619921
hsa-miR-193b	DOCK1	-0.941469858
hsa-miR-210	DOCK1	-0.947219936
hsa-miR-505	DOCK1	-0.937156454
hsa-miR-770-5p	DOCK1	-0.989184076
hsa-miR-149	SH3D20	-0.973068354
hsa-miR-193b	SH3D20	-0.962563413
hsa-miR-210	SH3D20	-0.976525985
hsa-miR-505	SH3D20	-0.966036599
hsa-miR-770-5p	SH3D20	-0.969347366
hsa-miR-149	PDZK1	-0.9397757
hsa-miR-193b	PDZK1	-0.934210963
hsa-miR-210	PDZK1	-0.94963598
hsa-miR-505	PDZK1	-0.947810099
hsa-miR-770-5p	PDZK1	-0.981863301
hsa-miR-149	01-Sep	-0.94208603
hsa-miR-193b	01-Sep	-0.940080484
hsa-miR-210	01-Sep	-0.950023257
hsa-miR-505	01-Sep	-0.949432076
hsa-miR-770-5p	01-Sep	-0.974813055
hsa-miR-149	ASAH1	-0.91890209
hsa-miR-193b	ASAH1	-0.912732419
hsa-miR-210	ASAH1	-0.931587837
hsa-miR-505	ASAH1	-0.936290001
hsa-miR-770-5p	ASAH1	-0.977409915
hsa-miR-149	FAM3A	-0.947983446
hsa-miR-193b	FAM3A	-0.953908052
hsa-miR-210	FAM3A	-0.949755187
hsa-miR-505	FAM3A	-0.947531602
hsa-miR-770-5p	FAM3A	-0.958706229

hsa-miR-149	BIRC3	-0.91025202
hsa-miR-193b	BIRC3	-0.912992031
hsa-miR-210	BIRC3	-0.923541078
hsa-miR-505	BIRC3	-0.936493326
hsa-miR-770-5p	BIRC3	-0.932974795
hsa-miR-149	GATA3	-0.917557582
hsa-miR-210	GATA3	-0.938464114
hsa-miR-365	GATA3	-0.905656941
hsa-miR-505	GATA3	-0.946836588
hsa-miR-770-5p	GATA3	-0.970474545
hsa-miR-149	PEX3	-0.95499501
hsa-miR-193b	PEX3	-0.955378048
hsa-miR-210	PEX3	-0.961101964
hsa-miR-505	PEX3	-0.956221914
hsa-miR-770-5p	PEX3	-0.970030324
hsa-miR-770-5p	VIPR1	-0.928485238
hsa-miR-210	AZGP1	-0.901707862
hsa-miR-770-5p	AZGP1	-0.96067447
hsa-miR-149	RGS16	-0.934422089
hsa-miR-193b	RGS16	-0.91616316
hsa-miR-210	RGS16	-0.949572583
hsa-miR-365	RGS16	-0.901144748
hsa-miR-505	RGS16	-0.953688878
hsa-miR-770-5p	RGS16	-0.974685517
hsa-miR-149	SERPINA1	-0.940977473
hsa-miR-193b	SERPINA1	-0.923307158
hsa-miR-210	SERPINA1	-0.950532418
hsa-miR-365	SERPINA1	-0.91118472
hsa-miR-505	SERPINA1	-0.95032312
hsa-miR-770-5p	SERPINA1	-0.968892365
hsa-miR-149	FAIM	-0.951770329
hsa-miR-193b	FAIM	-0.93235647
hsa-miR-210	FAIM	-0.962201972
hsa-miR-365	FAIM	-0.921832663
hsa-miR-505	FAIM	-0.96407551
hsa-miR-770-5p	FAIM	-0.96164597
hsa-miR-149	NAB2	-0.935335151
hsa-miR-193b	NAB2	-0.944926087
hsa-miR-210	NAB2	-0.936405573
hsa-miR-505	NAB2	-0.927421861
hsa-miR-770-5p	NAB2	-0.979694089
hsa-miR-210	VBP1	-0.901911536
hsa-miR-770-5p	VBP1	-0.982783842
hsa-miR-149	RPS21	-0.936228495

hsa-miR-193b	RPS21	-0.934441689
hsa-miR-210	RPS21	-0.945443125
hsa-miR-505	RPS21	-0.952810936
hsa-miR-770-5p	RPS21	-0.953114552
hsa-miR-149	GCNT1	-0.956385164
hsa-miR-193b	GCNT1	-0.951649949
hsa-miR-210	GCNT1	-0.962737458
hsa-miR-505	GCNT1	-0.960565429
hsa-miR-770-5p	GCNT1	-0.970284448
hsa-miR-149	CARD9	-0.946315535
hsa-miR-193b	CARD9	-0.958412833
hsa-miR-210	CARD9	-0.943562568
hsa-miR-505	CARD9	-0.931407222
hsa-miR-770-5p	CARD9	-0.972962739
hsa-miR-149	LOC92249	-0.951925884
hsa-miR-193b	LOC92249	-0.947255985
hsa-miR-210	LOC92249	-0.95318717
hsa-miR-505	LOC92249	-0.938023843
hsa-miR-770-5p	LOC92249	-0.985215836
hsa-miR-149	IFIT1	-0.915728528
hsa-miR-210	IFIT1	-0.923097717
hsa-miR-365	IFIT1	-0.922018042
hsa-miR-505	IFIT1	-0.933099455
hsa-miR-770-5p	IFIT1	-0.926038618
hsa-miR-149	HPDL	-0.937377529
hsa-miR-193b	HPDL	-0.92984416
hsa-miR-210	HPDL	-0.943965387
hsa-miR-505	HPDL	-0.943761007
hsa-miR-770-5p	HPDL	-0.97218416
hsa-miR-149	HIST1H2BD	-0.928789055
hsa-miR-193b	HIST1H2BD	-0.918325894
hsa-miR-210	HIST1H2BD	-0.931649087
hsa-miR-365	HIST1H2BD	-0.910325665
hsa-miR-505	HIST1H2BD	-0.938248444
hsa-miR-770-5p	HIST1H2BD	-0.924807437
hsa-miR-149	ZNF514	-0.930983411
hsa-miR-193b	ZNF514	-0.927861839
hsa-miR-210	ZNF514	-0.937858678
hsa-miR-505	ZNF514	-0.944642093
hsa-miR-770-5p	ZNF514	-0.953799545
hsa-miR-149	DTNA	-0.960498806
hsa-miR-193b	DTNA	-0.948408123
hsa-miR-210	DTNA	-0.969332301
hsa-miR-505	DTNA	-0.964927435

hsa-miR-770-5p	DTNA	-0.975290255
hsa-miR-149	MDK	-0.913684033
hsa-miR-193b	MDK	-0.916807009
hsa-miR-210	MDK	-0.924729226
hsa-miR-505	MDK	-0.940182589
hsa-miR-770-5p	MDK	-0.916728268
hsa-miR-149	PAM	-0.940526933
hsa-miR-193b	PAM	-0.92488462
hsa-miR-210	PAM	-0.95792808
hsa-miR-505	PAM	-0.95873478
hsa-miR-770-5p	PAM	-0.9711431
hsa-miR-149	SORD	-0.937420858
hsa-miR-193b	SORD	-0.925972881
hsa-miR-210	SORD	-0.945446518
hsa-miR-505	SORD	-0.943058519
hsa-miR-770-5p	SORD	-0.978087852
hsa-miR-149	NMB	-0.960281797
hsa-miR-193b	NMB	-0.956028115
hsa-miR-210	NMB	-0.968489799
hsa-miR-505	NMB	-0.969822928
hsa-miR-770-5p	NMB	-0.953390557
hsa-miR-149	HEATR7A	-0.907510204
hsa-miR-210	HEATR7A	-0.908210756
hsa-miR-770-5p	HEATR7A	-0.958661193
hsa-miR-149	MTCP1NB	-0.925094099
hsa-miR-193b	MTCP1NB	-0.904932267
hsa-miR-210	MTCP1NB	-0.937139778
hsa-miR-365	MTCP1NB	-0.906413603
hsa-miR-505	MTCP1NB	-0.937799153
hsa-miR-770-5p	MTCP1NB	-0.97229061
hsa-miR-149	LOC388946	-0.954367593
hsa-miR-193b	LOC388946	-0.945636446
hsa-miR-210	LOC388946	-0.966001609
hsa-miR-505	LOC388946	-0.969402995
hsa-miR-770-5p	LOC388946	-0.959962891
hsa-miR-149	DDX60L	-0.929572063
hsa-miR-193b	DDX60L	-0.945723525
hsa-miR-210	DDX60L	-0.927154257
hsa-miR-505	DDX60L	-0.924941039
hsa-miR-770-5p	DDX60L	-0.943384572
hsa-miR-149	PHLPP2	-0.909213201
hsa-miR-210	PHLPP2	-0.928354011
hsa-miR-505	PHLPP2	-0.936183408
hsa-miR-770-5p	PHLPP2	-0.973327124

hsa-miR-149	DRAM1	-0.941142793
hsa-miR-193b	DRAM1	-0.935421394
hsa-miR-210	DRAM1	-0.949117118
hsa-miR-505	DRAM1	-0.955154817
hsa-miR-770-5p	DRAM1	-0.956078178
hsa-miR-149	RBM9	-0.90746787
hsa-miR-210	RBM9	-0.920609317
hsa-miR-505	RBM9	-0.919161794
hsa-miR-770-5p	RBM9	-0.971614055
hsa-miR-149	KIAA0182	-0.924733345
hsa-miR-193b	KIAA0182	-0.920388105
hsa-miR-210	KIAA0182	-0.933664988
hsa-miR-505	KIAA0182	-0.94198037
hsa-miR-770-5p	KIAA0182	-0.956788418
hsa-miR-149	SLC37A1	-0.930818472
hsa-miR-193b	SLC37A1	-0.904465549
hsa-miR-210	SLC37A1	-0.945753175
hsa-miR-365	SLC37A1	-0.938269955
hsa-miR-505	SLC37A1	-0.956283101
hsa-miR-770-5p	SLC37A1	-0.945589634
hsa-miR-210	ZNF467	-0.919432455
hsa-miR-505	ZNF467	-0.932918682
hsa-miR-770-5p	ZNF467	-0.954223557
hsa-miR-149	LY75	-0.941683224
hsa-miR-193b	LY75	-0.937929101
hsa-miR-210	LY75	-0.953095581
hsa-miR-505	LY75	-0.959394311
hsa-miR-770-5p	LY75	-0.954480737
hsa-miR-149	SNX24	-0.966558253
hsa-miR-193b	SNX24	-0.955224008
hsa-miR-210	SNX24	-0.973078164
hsa-miR-365	SNX24	-0.903280496
hsa-miR-505	SNX24	-0.970915504
hsa-miR-770-5p	SNX24	-0.962744276
hsa-miR-149	B4GALT5	-0.900164092
hsa-miR-210	B4GALT5	-0.92166031
hsa-miR-505	B4GALT5	-0.935043254
hsa-miR-770-5p	B4GALT5	-0.967516267
hsa-miR-149	C8orf40	-0.916685494
hsa-miR-193b	C8orf40	-0.902103209
hsa-miR-210	C8orf40	-0.934027836
hsa-miR-505	C8orf40	-0.940403206
hsa-miR-770-5p	C8orf40	-0.978163446
hsa-miR-210	C9orf64	-0.909332336

hsa-miR-505	C9orf64	-0.906705068
hsa-miR-770-5p	C9orf64	-0.976027518
hsa-miR-149	LYST	-0.936652746
hsa-miR-193b	LYST	-0.926439728
hsa-miR-210	LYST	-0.949264324
hsa-miR-505	LYST	-0.950031614
hsa-miR-770-5p	LYST	-0.980718005
hsa-miR-505	CYP3A5	-0.909817272
hsa-miR-770-5p	CYP3A5	-0.9199093
hsa-miR-149	ITPRIPL2	-0.948479763
hsa-miR-193b	ITPRIPL2	-0.941187101
hsa-miR-210	ITPRIPL2	-0.955394804
hsa-miR-505	ITPRIPL2	-0.959264816
hsa-miR-770-5p	ITPRIPL2	-0.957004796
hsa-miR-149	FLJ39632	-0.916655956
hsa-miR-210	FLJ39632	-0.919030745
hsa-miR-505	FLJ39632	-0.908930625
hsa-miR-770-5p	FLJ39632	-0.951069296
hsa-miR-149	CCDC123	-0.956061796
hsa-miR-193b	CCDC123	-0.952381711
hsa-miR-210	CCDC123	-0.962000224
hsa-miR-505	CCDC123	-0.963650186
hsa-miR-770-5p	CCDC123	-0.956813073
hsa-miR-149	LOC100288954	-0.916774858
hsa-miR-210	LOC100288954	-0.937430188
hsa-miR-505	LOC100288954	-0.940168286
hsa-miR-770-5p	LOC100288954	-0.978786414
hsa-miR-149	CNN3	-0.945080506
hsa-miR-193b	CNN3	-0.92291716
hsa-miR-210	CNN3	-0.952460838
hsa-miR-365	CNN3	-0.916108795
hsa-miR-505	CNN3	-0.94553309
hsa-miR-770-5p	CNN3	-0.963795901
hsa-miR-149	ACTR3C	-0.943526512
hsa-miR-193b	ACTR3C	-0.93694797
hsa-miR-210	ACTR3C	-0.950638403
hsa-miR-505	ACTR3C	-0.949620446
hsa-miR-770-5p	ACTR3C	-0.975106707
hsa-miR-210	RDH5	-0.904544375
hsa-miR-505	RDH5	-0.917364295
hsa-miR-770-5p	RDH5	-0.949799629
hsa-miR-210	RFK	-0.905399849
hsa-miR-505	RFK	-0.901822445
hsa-miR-770-5p	RFK	-0.990123198



hsa-miR-149	GIN51	-0.923794522
hsa-miR-193b	GIN51	-0.936719472
hsa-miR-210	GIN51	-0.927246831
hsa-miR-505	GIN51	-0.922715414
hsa-miR-770-5p	GIN51	-0.967632134
hsa-miR-149	ARRDC4	-0.911025264
hsa-miR-210	ARRDC4	-0.923212205
hsa-miR-365	ARRDC4	-0.905063295
hsa-miR-505	ARRDC4	-0.929104287
hsa-miR-770-5p	ARRDC4	-0.963230742
hsa-miR-193b	LOC100129029	-0.915647258
hsa-miR-149	INPP5D	-0.928079748
hsa-miR-193b	INPP5D	-0.936546328
hsa-miR-210	INPP5D	-0.932291238
hsa-miR-505	INPP5D	-0.933864451
hsa-miR-770-5p	INPP5D	-0.957977478
hsa-miR-149	MLLT11	-0.932506227
hsa-miR-193b	MLLT11	-0.941837723
hsa-miR-210	MLLT11	-0.925337001
hsa-miR-505	MLLT11	-0.925636609
hsa-miR-770-5p	MLLT11	-0.908246004
hsa-miR-210	NDUFA4L2	-0.921968551
hsa-miR-505	NDUFA4L2	-0.93493889
hsa-miR-770-5p	NDUFA4L2	-0.962904086
hsa-miR-149	C1orf58	-0.939838476
hsa-miR-193b	C1orf58	-0.941626806
hsa-miR-210	C1orf58	-0.944059425
hsa-miR-505	C1orf58	-0.945873534
hsa-miR-770-5p	C1orf58	-0.959459461
hsa-miR-770-5p	TRIM22	-0.957296922
hsa-miR-149	SLC25A42	-0.901172815
hsa-miR-210	SLC25A42	-0.918704767
hsa-miR-505	SLC25A42	-0.937805411
hsa-miR-770-5p	SLC25A42	-0.942817244
hsa-miR-149	PARP9	-0.923694985
hsa-miR-193b	PARP9	-0.900497215
hsa-miR-210	PARP9	-0.936722435
hsa-miR-365	PARP9	-0.908421775
hsa-miR-505	PARP9	-0.936044017
hsa-miR-770-5p	PARP9	-0.972215156
hsa-miR-210	ATE1	-0.900465772
hsa-miR-505	ATE1	-0.921252367
hsa-miR-770-5p	ATE1	-0.940134827
hsa-miR-149	KANK1	-0.943499149

hsa-miR-193b	KANK1	-0.922471545
hsa-miR-210	KANK1	-0.952651617
hsa-miR-365	KANK1	-0.928467193
hsa-miR-505	KANK1	-0.955292049
hsa-miR-770-5p	KANK1	-0.952701569
hsa-miR-505	LOC339260	-0.903524821
hsa-miR-770-5p	LOC339260	-0.926306853
hsa-miR-149	ARRB1	-0.953566601
hsa-miR-193b	ARRB1	-0.945973616
hsa-miR-210	ARRB1	-0.964790174
hsa-miR-505	ARRB1	-0.970286418
hsa-miR-770-5p	ARRB1	-0.952045314
hsa-miR-149	SIGMAR1	-0.92828074
hsa-miR-193b	SIGMAR1	-0.928215824
hsa-miR-210	SIGMAR1	-0.934473026
hsa-miR-505	SIGMAR1	-0.936341426
hsa-miR-770-5p	SIGMAR1	-0.969891422
hsa-miR-149	DENND5B	-0.923691024
hsa-miR-193b	DENND5B	-0.904970537
hsa-miR-210	DENND5B	-0.92858845
hsa-miR-365	DENND5B	-0.911286067
hsa-miR-505	DENND5B	-0.925416309
hsa-miR-770-5p	DENND5B	-0.951551359
hsa-miR-149	LOC146336	-0.944312377
hsa-miR-193b	LOC146336	-0.923543447
hsa-miR-210	LOC146336	-0.954609211
hsa-miR-505	LOC146336	-0.944507989
hsa-miR-770-5p	LOC146336	-0.979233362
hsa-miR-149	TACC1	-0.933196281
hsa-miR-193b	TACC1	-0.915395103
hsa-miR-210	TACC1	-0.944238645
hsa-miR-505	TACC1	-0.940880702
hsa-miR-770-5p	TACC1	-0.980139701
hsa-miR-149	C1orf163	-0.934788024
hsa-miR-193b	C1orf163	-0.908615094
hsa-miR-210	C1orf163	-0.949929691
hsa-miR-505	C1orf163	-0.941247376
hsa-miR-770-5p	C1orf163	-0.975904752
hsa-miR-149	NOTCH3	-0.938682721
hsa-miR-193b	NOTCH3	-0.925620956
hsa-miR-210	NOTCH3	-0.94902816
hsa-miR-505	NOTCH3	-0.951584585
hsa-miR-770-5p	NOTCH3	-0.971416324
hsa-miR-149	ERICH1	-0.923079636

hsa-miR-193b	ERICH1	-0.918375161
hsa-miR-210	ERICH1	-0.939018868
hsa-miR-505	ERICH1	-0.952241207
hsa-miR-770-5p	ERICH1	-0.938389627
hsa-miR-210	TNKS	-0.900213191
hsa-miR-505	TNKS	-0.900498847
hsa-miR-770-5p	TNKS	-0.962435484
hsa-miR-149	DHFRL1	-0.922999381
hsa-miR-193b	DHFRL1	-0.910742584
hsa-miR-210	DHFRL1	-0.931899218
hsa-miR-505	DHFRL1	-0.933640756
hsa-miR-770-5p	DHFRL1	-0.971109237
hsa-miR-210	FLJ20464	-0.910182073
hsa-miR-505	FLJ20464	-0.923984591
hsa-miR-770-5p	FLJ20464	-0.948237578
hsa-miR-149	LYSMD2	-0.937464298
hsa-miR-193b	LYSMD2	-0.931337872
hsa-miR-210	LYSMD2	-0.943704474
hsa-miR-505	LYSMD2	-0.949609298
hsa-miR-770-5p	LYSMD2	-0.951495217
hsa-miR-149	SCFD1	-0.934737009
hsa-miR-193b	SCFD1	-0.921266373
hsa-miR-210	SCFD1	-0.94217339
hsa-miR-365	SCFD1	-0.900382606
hsa-miR-505	SCFD1	-0.941219843
hsa-miR-770-5p	SCFD1	-0.970021165
hsa-miR-505	OGFRL1	-0.903007316
hsa-miR-770-5p	OGFRL1	-0.962536541
hsa-miR-149	NRXN1	-0.936280149
hsa-miR-193b	NRXN1	-0.937244726
hsa-miR-210	NRXN1	-0.937066482
hsa-miR-505	NRXN1	-0.923671606
hsa-miR-770-5p	NRXN1	-0.988857779
hsa-miR-149	PRRT2	-0.952648754
hsa-miR-193b	PRRT2	-0.934175054
hsa-miR-210	PRRT2	-0.967602776
hsa-miR-365	PRRT2	-0.919825306
hsa-miR-505	PRRT2	-0.979916971
hsa-miR-770-5p	PRRT2	-0.937802642
hsa-miR-149	SPIRE1	-0.912598613
hsa-miR-193b	SPIRE1	-0.906290566
hsa-miR-210	SPIRE1	-0.920121453
hsa-miR-505	SPIRE1	-0.923693804
hsa-miR-770-5p	SPIRE1	-0.967791948

hsa-miR-149	RNASET2	-0.945254723
hsa-miR-193b	RNASET2	-0.948796583
hsa-miR-210	RNASET2	-0.949574343
hsa-miR-505	RNASET2	-0.950289335
hsa-miR-770-5p	RNASET2	-0.957776575
hsa-miR-149	SNAPC3	-0.946415064
hsa-miR-193b	SNAPC3	-0.933861115
hsa-miR-210	SNAPC3	-0.955147624
hsa-miR-505	SNAPC3	-0.950729596
hsa-miR-770-5p	SNAPC3	-0.980987257
hsa-miR-149	ATP6V1C1	-0.910771234
hsa-miR-193b	ATP6V1C1	-0.918690262
hsa-miR-210	ATP6V1C1	-0.920899313
hsa-miR-505	ATP6V1C1	-0.927389188
hsa-miR-770-5p	ATP6V1C1	-0.947554817
hsa-miR-149	MECP2	-0.920230915
hsa-miR-193b	MECP2	-0.901970909
hsa-miR-210	MECP2	-0.924103566
hsa-miR-505	MECP2	-0.909097426
hsa-miR-770-5p	MECP2	-0.968915439
hsa-miR-149	RAPGEF2	-0.958819396
hsa-miR-193b	RAPGEF2	-0.957429371
hsa-miR-210	RAPGEF2	-0.957310838
hsa-miR-505	RAPGEF2	-0.94161333
hsa-miR-770-5p	RAPGEF2	-0.979320337
hsa-miR-149	SLC26A2	-0.944939963
hsa-miR-193b	SLC26A2	-0.941642183
hsa-miR-210	SLC26A2	-0.950136454
hsa-miR-505	SLC26A2	-0.948912517
hsa-miR-770-5p	SLC26A2	-0.971088731
hsa-miR-210	EIF4E3	-0.910318212
hsa-miR-505	EIF4E3	-0.925296297
hsa-miR-770-5p	EIF4E3	-0.940058203
hsa-miR-149	LIPH	-0.911994529
hsa-miR-193b	LIPH	-0.912872467
hsa-miR-210	LIPH	-0.9248148
hsa-miR-505	LIPH	-0.931691337
hsa-miR-770-5p	LIPH	-0.965018255
hsa-miR-149	AK4	-0.928139556
hsa-miR-193b	AK4	-0.938321461
hsa-miR-210	AK4	-0.929304437
hsa-miR-505	AK4	-0.918951214
hsa-miR-770-5p	AK4	-0.984631063
hsa-miR-149	NPY6R	-0.925078482

hsa-miR-193b	NPY6R	-0.909747294
hsa-miR-210	NPY6R	-0.933513404
hsa-miR-505	NPY6R	-0.925165382
hsa-miR-770-5p	NPY6R	-0.984003719
hsa-miR-210	CLDN1	-0.901887539
hsa-miR-505	CLDN1	-0.912358353
hsa-miR-770-5p	CLDN1	-0.973457323
hsa-miR-149	NUDT6	-0.945085528
hsa-miR-193b	NUDT6	-0.953912847
hsa-miR-210	NUDT6	-0.945522621
hsa-miR-505	NUDT6	-0.940745429
hsa-miR-770-5p	NUDT6	-0.962946621
hsa-miR-210	LMO4	-0.902680061
hsa-miR-505	LMO4	-0.913680139
hsa-miR-770-5p	LMO4	-0.9653553
hsa-miR-149	OAS2	-0.927019958
hsa-miR-193b	OAS2	-0.924177155
hsa-miR-210	OAS2	-0.92268769
hsa-miR-770-5p	OAS2	-0.979767536
hsa-miR-505	IL5RA	-0.906817459
hsa-miR-770-5p	IL5RA	-0.92049303
hsa-miR-149	C19orf54	-0.904015633
hsa-miR-210	C19orf54	-0.927670454
hsa-miR-505	C19orf54	-0.932581545
hsa-miR-770-5p	C19orf54	-0.966739603
hsa-miR-149	GLRX	-0.920611955
hsa-miR-193b	GLRX	-0.928032784
hsa-miR-210	GLRX	-0.919945363
hsa-miR-505	GLRX	-0.922543736
hsa-miR-770-5p	GLRX	-0.942208429
hsa-miR-149	CCDC14	-0.928195556
hsa-miR-193b	CCDC14	-0.918997125
hsa-miR-210	CCDC14	-0.930805
hsa-miR-505	CCDC14	-0.915034716
hsa-miR-770-5p	CCDC14	-0.985141603
hsa-miR-149	AKR1E2	-0.929165606
hsa-miR-193b	AKR1E2	-0.910681275
hsa-miR-210	AKR1E2	-0.936816675
hsa-miR-365	AKR1E2	-0.908582933
hsa-miR-505	AKR1E2	-0.934309171
hsa-miR-770-5p	AKR1E2	-0.964981991
hsa-miR-149	MAP3K1	-0.965595636
hsa-miR-193b	MAP3K1	-0.959584855
hsa-miR-210	MAP3K1	-0.961453805

hsa-miR-505	MAP3K1	-0.951761866
hsa-miR-770-5p	MAP3K1	-0.942416363
hsa-miR-149	TRIM7	-0.948515543
hsa-miR-193b	TRIM7	-0.93752639
hsa-miR-210	TRIM7	-0.95783609
hsa-miR-505	TRIM7	-0.95306348
hsa-miR-770-5p	TRIM7	-0.98289362
hsa-miR-149	RAB3A	-0.92211368
hsa-miR-193b	RAB3A	-0.917054348
hsa-miR-210	RAB3A	-0.921872659
hsa-miR-505	RAB3A	-0.914788969
hsa-miR-770-5p	RAB3A	-0.963543448
hsa-miR-149	PHKB	-0.951732304
hsa-miR-193b	PHKB	-0.961143932
hsa-miR-210	PHKB	-0.948752248
hsa-miR-505	PHKB	-0.937526881
hsa-miR-770-5p	PHKB	-0.970193688
hsa-miR-149	AIFM1	-0.928453971
hsa-miR-193b	AIFM1	-0.922908133
hsa-miR-210	AIFM1	-0.936585168
hsa-miR-505	AIFM1	-0.940170109
hsa-miR-770-5p	AIFM1	-0.969278719
hsa-miR-149	IFIH1	-0.942219483
hsa-miR-193b	IFIH1	-0.92716615
hsa-miR-210	IFIH1	-0.960285548
hsa-miR-505	IFIH1	-0.968095368
hsa-miR-770-5p	IFIH1	-0.955817901
hsa-miR-149	MTM1	-0.950597157
hsa-miR-193b	MTM1	-0.946525957
hsa-miR-210	MTM1	-0.953933935
hsa-miR-505	MTM1	-0.942259264
hsa-miR-770-5p	MTM1	-0.986361193
hsa-miR-149	CPNE8	-0.929951821
hsa-miR-193b	CPNE8	-0.94467671
hsa-miR-210	CPNE8	-0.924208493
hsa-miR-505	CPNE8	-0.923070678
hsa-miR-770-5p	CPNE8	-0.926475555
hsa-miR-149	QRICH2	-0.942996075
hsa-miR-193b	QRICH2	-0.948755747
hsa-miR-210	QRICH2	-0.946883164
hsa-miR-505	QRICH2	-0.93909077
hsa-miR-770-5p	QRICH2	-0.978511771
hsa-miR-149	C9orf9	-0.942587938
hsa-miR-193b	C9orf9	-0.943554789

hsa-miR-210	C9orf9	-0.952239939
hsa-miR-505	C9orf9	-0.952154877
hsa-miR-770-5p	C9orf9	-0.959391689
hsa-miR-149	SLFN5	-0.93589942
hsa-miR-193b	SLFN5	-0.919747142
hsa-miR-210	SLFN5	-0.940523082
hsa-miR-365	SLFN5	-0.911241736
hsa-miR-505	SLFN5	-0.937531378
hsa-miR-770-5p	SLFN5	-0.956629204
hsa-miR-149	YRDC	-0.926724614
hsa-miR-193b	YRDC	-0.924339407
hsa-miR-210	YRDC	-0.920601829
hsa-miR-505	YRDC	-0.909248713
hsa-miR-770-5p	YRDC	-0.946303734
hsa-miR-149	SOSTDC1	-0.915308026
hsa-miR-210	SOSTDC1	-0.924258355
hsa-miR-505	SOSTDC1	-0.925206589
hsa-miR-770-5p	SOSTDC1	-0.966936604
hsa-miR-149	TAZ	-0.938107974
hsa-miR-193b	TAZ	-0.936189248
hsa-miR-210	TAZ	-0.944221108
hsa-miR-505	TAZ	-0.94534466
hsa-miR-770-5p	TAZ	-0.969093606
hsa-miR-149	SDR16C5	-0.950039654
hsa-miR-193b	SDR16C5	-0.945585026
hsa-miR-210	SDR16C5	-0.958612465
hsa-miR-505	SDR16C5	-0.965603198
hsa-miR-770-5p	SDR16C5	-0.944646319
hsa-miR-149	HR	-0.931936066
hsa-miR-193b	HR	-0.915406446
hsa-miR-210	HR	-0.94311264
hsa-miR-505	HR	-0.930254993
hsa-miR-770-5p	HR	-0.98852292
hsa-miR-149	CPVL	-0.945469138
hsa-miR-193b	CPVL	-0.94389687
hsa-miR-210	CPVL	-0.946378187
hsa-miR-505	CPVL	-0.937218263
hsa-miR-770-5p	CPVL	-0.978207109
hsa-miR-149	HPRT1	-0.936512571
hsa-miR-193b	HPRT1	-0.91375821
hsa-miR-210	HPRT1	-0.948320898
hsa-miR-505	HPRT1	-0.938694136
hsa-miR-770-5p	HPRT1	-0.97915006
hsa-miR-149	LOC100507448	-0.914503012

hsa-miR-210	LOC100507448	-0.936867611
hsa-miR-365	LOC100507448	-0.914296967
hsa-miR-505	LOC100507448	-0.952794453
hsa-miR-770-5p	LOC100507448	-0.955941457
hsa-miR-149	SEMA4D	-0.922154649
hsa-miR-193b	SEMA4D	-0.908619553
hsa-miR-210	SEMA4D	-0.943593796
hsa-miR-505	SEMA4D	-0.953317716
hsa-miR-770-5p	SEMA4D	-0.950441533
hsa-miR-149	ABCC4	-0.930848231
hsa-miR-193b	ABCC4	-0.910926296
hsa-miR-210	ABCC4	-0.948894722
hsa-miR-505	ABCC4	-0.94631005
hsa-miR-770-5p	ABCC4	-0.980162656
hsa-miR-149	SYTL4	-0.948856504
hsa-miR-193b	SYTL4	-0.937808228
hsa-miR-210	SYTL4	-0.960807311
hsa-miR-365	SYTL4	-0.901097578
hsa-miR-505	SYTL4	-0.972969068
hsa-miR-770-5p	SYTL4	-0.933251765
hsa-miR-149	ARSD	-0.924454289
hsa-miR-193b	ARSD	-0.918727658
hsa-miR-210	ARSD	-0.939565915
hsa-miR-505	ARSD	-0.952940676
hsa-miR-770-5p	ARSD	-0.944270546
hsa-miR-149	NSUN6	-0.931152027
hsa-miR-193b	NSUN6	-0.913986046
hsa-miR-210	NSUN6	-0.950027531
hsa-miR-505	NSUN6	-0.953037142
hsa-miR-770-5p	NSUN6	-0.974660036
hsa-miR-149	ZNF642	-0.914530989
hsa-miR-210	ZNF642	-0.916459907
hsa-miR-505	ZNF642	-0.906765254
hsa-miR-770-5p	ZNF642	-0.948553197
hsa-miR-149	PKDCC	-0.928721335
hsa-miR-193b	PKDCC	-0.92387869
hsa-miR-210	PKDCC	-0.936707654
hsa-miR-505	PKDCC	-0.936507796
hsa-miR-770-5p	PKDCC	-0.979418729
hsa-miR-149	MUC1	-0.917877382
hsa-miR-193b	MUC1	-0.910615624
hsa-miR-210	MUC1	-0.933574075
hsa-miR-505	MUC1	-0.949113519
hsa-miR-770-5p	MUC1	-0.94444951



hsa-miR-770-5p	C2orf81	-0.913147892
hsa-miR-149	LOC100132735	-0.958344698
hsa-miR-193b	LOC100132735	-0.944010748
hsa-miR-210	LOC100132735	-0.968813924
hsa-miR-505	LOC100132735	-0.957181513
hsa-miR-770-5p	LOC100132735	-0.97721651
hsa-miR-149	SDHD	-0.908473825
hsa-miR-193b	SDHD	-0.908373035
hsa-miR-210	SDHD	-0.920459931
hsa-miR-505	SDHD	-0.933982341
hsa-miR-770-5p	SDHD	-0.945271489
hsa-miR-149	ACPL2	-0.919619927
hsa-miR-210	ACPL2	-0.939702071
hsa-miR-505	ACPL2	-0.94600322
hsa-miR-770-5p	ACPL2	-0.976133868
hsa-miR-149	SLC22A3	-0.944219332
hsa-miR-193b	SLC22A3	-0.935825941
hsa-miR-210	SLC22A3	-0.954243557
hsa-miR-505	SLC22A3	-0.957369127
hsa-miR-770-5p	SLC22A3	-0.969389853
hsa-miR-149	ZNF334	-0.922561797
hsa-miR-193b	ZNF334	-0.919615649
hsa-miR-210	ZNF334	-0.934206261
hsa-miR-505	ZNF334	-0.94911085
hsa-miR-770-5p	ZNF334	-0.932594411
hsa-miR-149	PLEKHA2	-0.934707768
hsa-miR-193b	PLEKHA2	-0.922265734
hsa-miR-210	PLEKHA2	-0.942423032
hsa-miR-505	PLEKHA2	-0.941528985
hsa-miR-770-5p	PLEKHA2	-0.972545995
hsa-miR-149	SNX21	-0.938490237
hsa-miR-193b	SNX21	-0.916945813
hsa-miR-210	SNX21	-0.952241639
hsa-miR-505	SNX21	-0.938307116
hsa-miR-770-5p	SNX21	-0.97647359
hsa-miR-149	ITGAD	-0.930381092
hsa-miR-193b	ITGAD	-0.93499417
hsa-miR-210	ITGAD	-0.939611259
hsa-miR-505	ITGAD	-0.945711187
hsa-miR-770-5p	ITGAD	-0.94148168
hsa-miR-149	DTX3L	-0.918611148
hsa-miR-193b	DTX3L	-0.925851673
hsa-miR-210	DTX3L	-0.923986666
hsa-miR-505	DTX3L	-0.934959677

hsa-miR-770-5p	DTX3L	-0.92324144
hsa-miR-149	WVOX	-0.929357738
hsa-miR-193b	WVOX	-0.909211208
hsa-miR-210	WVOX	-0.946243342
hsa-miR-505	WVOX	-0.939867447
hsa-miR-770-5p	WVOX	-0.982413302
hsa-miR-149	SYBU	-0.942910112
hsa-miR-193b	SYBU	-0.954190467
hsa-miR-210	SYBU	-0.939698689
hsa-miR-505	SYBU	-0.935096651
hsa-miR-770-5p	SYBU	-0.950657652
hsa-miR-149	NSMAF	-0.911712337
hsa-miR-193b	NSMAF	-0.9146175
hsa-miR-210	NSMAF	-0.913349352
hsa-miR-505	NSMAF	-0.92249721
hsa-miR-770-5p	NSMAF	-0.92442934
hsa-miR-770-5p	TAF12	-0.917280601
hsa-miR-149	BAG1	-0.917668356
hsa-miR-210	BAG1	-0.938099481
hsa-miR-505	BAG1	-0.950946178
hsa-miR-770-5p	BAG1	-0.964023236
hsa-miR-149	PTPRN2	-0.945935988
hsa-miR-193b	PTPRN2	-0.949220925
hsa-miR-210	PTPRN2	-0.952550618
hsa-miR-505	PTPRN2	-0.955260408
hsa-miR-770-5p	PTPRN2	-0.9472726
hsa-miR-149	CISH	-0.949982876
hsa-miR-193b	CISH	-0.961763226
hsa-miR-210	CISH	-0.947027512
hsa-miR-505	CISH	-0.938071552
hsa-miR-770-5p	CISH	-0.96161165
hsa-miR-149	BMP2	-0.949277452
hsa-miR-193b	BMP2	-0.956271361
hsa-miR-210	BMP2	-0.948370679
hsa-miR-505	BMP2	-0.944534561
hsa-miR-770-5p	BMP2	-0.955786588
hsa-miR-149	MRPS21	-0.939673348
hsa-miR-193b	MRPS21	-0.932235122
hsa-miR-210	MRPS21	-0.947378272
hsa-miR-505	MRPS21	-0.952693711
hsa-miR-770-5p	MRPS21	-0.958155304
hsa-miR-149	PIGR	-0.955494355
hsa-miR-193b	PIGR	-0.949796013
hsa-miR-210	PIGR	-0.959625842

hsa-miR-505	PIGR	-0.965051405
hsa-miR-770-5p	PIGR	-0.934003891
hsa-miR-149	C12orf24	-0.907430553
hsa-miR-210	C12orf24	-0.912664949
hsa-miR-505	C12orf24	-0.910724261
hsa-miR-770-5p	C12orf24	-0.964257354
hsa-miR-149	NOXO1	-0.942805728
hsa-miR-193b	NOXO1	-0.942221719
hsa-miR-210	NOXO1	-0.942120159
hsa-miR-505	NOXO1	-0.930915949
hsa-miR-770-5p	NOXO1	-0.978045939
hsa-miR-149	GTPBP10	-0.910417144
hsa-miR-193b	GTPBP10	-0.908590538
hsa-miR-210	GTPBP10	-0.928062216
hsa-miR-505	GTPBP10	-0.937313042
hsa-miR-770-5p	GTPBP10	-0.936713604
hsa-miR-149	BPMS	-0.973623717
hsa-miR-193b	BPMS	-0.963798227
hsa-miR-210	BPMS	-0.977213267
hsa-miR-505	BPMS	-0.96336853
hsa-miR-770-5p	BPMS	-0.973243361
hsa-miR-149	TMC7	-0.940065923
hsa-miR-193b	TMC7	-0.930444541
hsa-miR-210	TMC7	-0.949028762
hsa-miR-505	TMC7	-0.935300982
hsa-miR-770-5p	TMC7	-0.991137796
hsa-miR-149	PSMB9	-0.90339103
hsa-miR-210	PSMB9	-0.924346471
hsa-miR-505	PSMB9	-0.925475396
hsa-miR-770-5p	PSMB9	-0.978142918
hsa-miR-149	ARL3	-0.922003715
hsa-miR-193b	ARL3	-0.923329681
hsa-miR-210	ARL3	-0.930865698
hsa-miR-505	ARL3	-0.937938764
hsa-miR-770-5p	ARL3	-0.958814648
hsa-miR-149	PARP6	-0.947739104
hsa-miR-193b	PARP6	-0.955624061
hsa-miR-210	PARP6	-0.948422455
hsa-miR-505	PARP6	-0.942643239
hsa-miR-770-5p	PARP6	-0.966076708
hsa-miR-149	ATF7IP	-0.943565356
hsa-miR-193b	ATF7IP	-0.931846569
hsa-miR-210	ATF7IP	-0.949555163
hsa-miR-365	ATF7IP	-0.909563734

hsa-miR-505	ATF7IP	-0.95276813
hsa-miR-770-5p	ATF7IP	-0.952707211
hsa-miR-149	FAM3D	-0.939621081
hsa-miR-193b	FAM3D	-0.925141669
hsa-miR-210	FAM3D	-0.954782267
hsa-miR-505	FAM3D	-0.956927003
hsa-miR-770-5p	FAM3D	-0.976993676
hsa-miR-149	LOC100507463	-0.927415667
hsa-miR-193b	LOC100507463	-0.903147776
hsa-miR-210	LOC100507463	-0.94822311
hsa-miR-505	LOC100507463	-0.94240299
hsa-miR-770-5p	LOC100507463	-0.962830098
hsa-miR-149	ATP7B	-0.914345117
hsa-miR-193b	ATP7B	-0.910996914
hsa-miR-210	ATP7B	-0.92612771
hsa-miR-505	ATP7B	-0.942690742
hsa-miR-770-5p	ATP7B	-0.931095194
hsa-miR-149	CREG2	-0.943702242
hsa-miR-193b	CREG2	-0.942956794
hsa-miR-210	CREG2	-0.947074998
hsa-miR-505	CREG2	-0.945617263
hsa-miR-770-5p	CREG2	-0.967088104
hsa-miR-149	SERPINB9	-0.941737472
hsa-miR-193b	SERPINB9	-0.939355783
hsa-miR-210	SERPINB9	-0.947206018
hsa-miR-505	SERPINB9	-0.945121759
hsa-miR-770-5p	SERPINB9	-0.975432869
hsa-miR-149	ACOT8	-0.936900313
hsa-miR-193b	ACOT8	-0.921377339
hsa-miR-210	ACOT8	-0.946304598
hsa-miR-505	ACOT8	-0.944020798
hsa-miR-770-5p	ACOT8	-0.976730478
hsa-miR-149	PRSS2	-0.902945327
hsa-miR-210	PRSS2	-0.916108712
hsa-miR-505	PRSS2	-0.91841881
hsa-miR-770-5p	PRSS2	-0.977474977
hsa-miR-149	ANKS4B	-0.926380843
hsa-miR-193b	ANKS4B	-0.921103712
hsa-miR-210	ANKS4B	-0.939926761
hsa-miR-505	ANKS4B	-0.948182227
hsa-miR-770-5p	ANKS4B	-0.963476388
hsa-miR-149	SLC33A1	-0.951058627
hsa-miR-193b	SLC33A1	-0.943537953
hsa-miR-210	SLC33A1	-0.955056701

hsa-miR-505	SLC33A1	-0.945976973
hsa-miR-770-5p	SLC33A1	-0.981127367
hsa-miR-149	VGLL3	-0.946638632
hsa-miR-193b	VGLL3	-0.933314926
hsa-miR-210	VGLL3	-0.956104048
hsa-miR-365	VGLL3	-0.905689607
hsa-miR-505	VGLL3	-0.958896744
hsa-miR-770-5p	VGLL3	-0.965651444
hsa-miR-149	XPNPEP3	-0.931537469
hsa-miR-193b	XPNPEP3	-0.9148244
hsa-miR-210	XPNPEP3	-0.951247741
hsa-miR-505	XPNPEP3	-0.958242587
hsa-miR-770-5p	XPNPEP3	-0.966328375
hsa-miR-149	ARHGAP18	-0.933911523
hsa-miR-193b	ARHGAP18	-0.910134742
hsa-miR-210	ARHGAP18	-0.946332691
hsa-miR-365	ARHGAP18	-0.912178657
hsa-miR-505	ARHGAP18	-0.943909068
hsa-miR-770-5p	ARHGAP18	-0.971808937
hsa-miR-149	LAMC2	-0.941656812
hsa-miR-193b	LAMC2	-0.931795725
hsa-miR-210	LAMC2	-0.949564222
hsa-miR-505	LAMC2	-0.952702241
hsa-miR-770-5p	LAMC2	-0.964016112
hsa-miR-149	SCPEP1	-0.933700233
hsa-miR-193b	SCPEP1	-0.933955732
hsa-miR-210	SCPEP1	-0.944645025
hsa-miR-505	SCPEP1	-0.954968804
hsa-miR-770-5p	SCPEP1	-0.92971415
hsa-miR-149	NCBP1	-0.917443777
hsa-miR-193b	NCBP1	-0.904267063
hsa-miR-210	NCBP1	-0.931750725
hsa-miR-505	NCBP1	-0.938957294
hsa-miR-770-5p	NCBP1	-0.972966149
hsa-miR-149	ACADSB	-0.931802028
hsa-miR-193b	ACADSB	-0.926214407
hsa-miR-210	ACADSB	-0.937393908
hsa-miR-505	ACADSB	-0.931505304
hsa-miR-770-5p	ACADSB	-0.984582543
hsa-miR-149	PVR	-0.935443194
hsa-miR-193b	PVR	-0.926350812
hsa-miR-210	PVR	-0.948653663
hsa-miR-505	PVR	-0.94502457
hsa-miR-770-5p	PVR	-0.984799609

hsa-miR-149	PELI1	-0.95496155
hsa-miR-193b	PELI1	-0.949091244
hsa-miR-210	PELI1	-0.956992044
hsa-miR-505	PELI1	-0.939153232
hsa-miR-770-5p	PELI1	-0.986859975
hsa-miR-149	ZNF585A	-0.962889123
hsa-miR-193b	ZNF585A	-0.958849872
hsa-miR-210	ZNF585A	-0.95974337
hsa-miR-505	ZNF585A	-0.945886833
hsa-miR-770-5p	ZNF585A	-0.964566439
hsa-miR-149	SLC22A25	-0.938711329
hsa-miR-193b	SLC22A25	-0.922977562
hsa-miR-210	SLC22A25	-0.947350872
hsa-miR-505	SLC22A25	-0.943709409
hsa-miR-770-5p	SLC22A25	-0.976401311
hsa-miR-149	CYP2B6	-0.951269434
hsa-miR-193b	CYP2B6	-0.942285868
hsa-miR-210	CYP2B6	-0.963805386
hsa-miR-505	CYP2B6	-0.964597725
hsa-miR-770-5p	CYP2B6	-0.967751538
hsa-miR-149	PPAPDC1B	-0.943611683
hsa-miR-193b	PPAPDC1B	-0.946593795
hsa-miR-210	PPAPDC1B	-0.938315949
hsa-miR-505	PPAPDC1B	-0.918192426
hsa-miR-770-5p	PPAPDC1B	-0.980130983
hsa-miR-149	WWC3	-0.901167335
hsa-miR-210	WWC3	-0.921768719
hsa-miR-505	WWC3	-0.915957009
hsa-miR-770-5p	WWC3	-0.97741716
hsa-miR-149	IGSF10	-0.908052925
hsa-miR-193b	IGSF10	-0.905843282
hsa-miR-210	IGSF10	-0.917521836
hsa-miR-505	IGSF10	-0.923794203
hsa-miR-770-5p	IGSF10	-0.968742453
hsa-miR-149	TRMT11	-0.935185318
hsa-miR-193b	TRMT11	-0.930267397
hsa-miR-210	TRMT11	-0.940499469
hsa-miR-505	TRMT11	-0.931801703
hsa-miR-770-5p	TRMT11	-0.988895782
hsa-miR-149	CXCL11	-0.91854712
hsa-miR-210	CXCL11	-0.941280528
hsa-miR-365	CXCL11	-0.905601683
hsa-miR-505	CXCL11	-0.949095916
hsa-miR-770-5p	CXCL11	-0.968765459

hsa-miR-149	ADRB1	-0.937588907
hsa-miR-193b	ADRB1	-0.912262821
hsa-miR-210	ADRB1	-0.948918073
hsa-miR-365	ADRB1	-0.915446063
hsa-miR-505	ADRB1	-0.944136706
hsa-miR-770-5p	ADRB1	-0.96816707
hsa-miR-149	TNNT1	-0.916938217
hsa-miR-210	TNNT1	-0.932949493
hsa-miR-505	TNNT1	-0.932989624
hsa-miR-770-5p	TNNT1	-0.982361543
hsa-miR-149	FZD2	-0.915697143
hsa-miR-193b	FZD2	-0.92469168
hsa-miR-210	FZD2	-0.906715485
hsa-miR-505	FZD2	-0.900006687
hsa-miR-770-5p	FZD2	-0.931501722
hsa-miR-149	SNX10	-0.950104766
hsa-miR-193b	SNX10	-0.92023682
hsa-miR-210	SNX10	-0.967855072
hsa-miR-365	SNX10	-0.919038509
hsa-miR-505	SNX10	-0.967260189
hsa-miR-770-5p	SNX10	-0.962180819
hsa-miR-149	FAR2	-0.913617287
hsa-miR-193b	FAR2	-0.916967442
hsa-miR-210	FAR2	-0.922107204
hsa-miR-505	FAR2	-0.923214395
hsa-miR-770-5p	FAR2	-0.977668357
hsa-miR-149	PLIN2	-0.934774409
hsa-miR-193b	PLIN2	-0.931150742
hsa-miR-210	PLIN2	-0.945244889
hsa-miR-505	PLIN2	-0.940568078
hsa-miR-770-5p	PLIN2	-0.985640687
hsa-miR-149	PI3	-0.93892634
hsa-miR-193b	PI3	-0.910140479
hsa-miR-210	PI3	-0.946150941
hsa-miR-365	PI3	-0.932129496
hsa-miR-505	PI3	-0.940189116
hsa-miR-770-5p	PI3	-0.942225677
hsa-miR-149	PLEKHM3	-0.964427832
hsa-miR-193b	PLEKHM3	-0.969155455
hsa-miR-210	PLEKHM3	-0.96274912
hsa-miR-505	PLEKHM3	-0.958025418
hsa-miR-770-5p	PLEKHM3	-0.945168767
hsa-miR-770-5p	MBNL3	-0.903323179
hsa-miR-149	CD44	-0.946591087

hsa-miR-193b	CD44	-0.929597512
hsa-miR-210	CD44	-0.954367117
hsa-miR-505	CD44	-0.942973607
hsa-miR-770-5p	CD44	-0.981354294
hsa-miR-149	FANCI	-0.920513703
hsa-miR-193b	FANCI	-0.91820147
hsa-miR-210	FANCI	-0.926442606
hsa-miR-505	FANCI	-0.919007171
hsa-miR-770-5p	FANCI	-0.99100067
hsa-miR-149	CAPNS1	-0.932805761
hsa-miR-193b	CAPNS1	-0.937001382
hsa-miR-210	CAPNS1	-0.940652172
hsa-miR-505	CAPNS1	-0.946607306
hsa-miR-770-5p	CAPNS1	-0.946317554
hsa-miR-149	FAM174B	-0.939551506
hsa-miR-193b	FAM174B	-0.921181459
hsa-miR-210	FAM174B	-0.953145916
hsa-miR-505	FAM174B	-0.94473471
hsa-miR-770-5p	FAM174B	-0.98430739
hsa-miR-505	TCEA3	-0.915520866
hsa-miR-149	C8orf33	-0.948966468
hsa-miR-193b	C8orf33	-0.923127501
hsa-miR-210	C8orf33	-0.963398684
hsa-miR-365	C8orf33	-0.920786311
hsa-miR-505	C8orf33	-0.962674623
hsa-miR-770-5p	C8orf33	-0.967446125
hsa-miR-149	XAF1	-0.973521795
hsa-miR-193b	XAF1	-0.973349132
hsa-miR-210	XAF1	-0.973048674
hsa-miR-505	XAF1	-0.962424189
hsa-miR-770-5p	XAF1	-0.963654143
hsa-miR-149	WFDC2	-0.934712298
hsa-miR-193b	WFDC2	-0.931087207
hsa-miR-210	WFDC2	-0.94146097
hsa-miR-505	WFDC2	-0.939624338
hsa-miR-770-5p	WFDC2	-0.979613243
hsa-miR-149	PSME2	-0.927259639
hsa-miR-193b	PSME2	-0.912260013
hsa-miR-210	PSME2	-0.947696528
hsa-miR-505	PSME2	-0.948304926
hsa-miR-770-5p	PSME2	-0.953609242
hsa-miR-149	HSPA12A	-0.927792122
hsa-miR-193b	HSPA12A	-0.927421421
hsa-miR-210	HSPA12A	-0.935964917



hsa-miR-505	HSPA12A	-0.943917391
hsa-miR-770-5p	HSPA12A	-0.953023881
hsa-miR-149	GMDS	-0.910941479
hsa-miR-210	GMDS	-0.922888667
hsa-miR-505	GMDS	-0.929581035
hsa-miR-770-5p	GMDS	-0.967851074
hsa-miR-149	SULF2	-0.914638675
hsa-miR-193b	SULF2	-0.928120667
hsa-miR-210	SULF2	-0.918115774
hsa-miR-505	SULF2	-0.923054223
hsa-miR-770-5p	SULF2	-0.938590621
hsa-miR-149	FAM125A	-0.928850165
hsa-miR-193b	FAM125A	-0.924847843
hsa-miR-210	FAM125A	-0.927208676
hsa-miR-505	FAM125A	-0.912659413
hsa-miR-770-5p	FAM125A	-0.97574646
hsa-miR-149	LOC100129034	-0.94845852
hsa-miR-193b	LOC100129034	-0.937098744
hsa-miR-210	LOC100129034	-0.956682358
hsa-miR-505	LOC100129034	-0.947446532
hsa-miR-770-5p	LOC100129034	-0.986680272
hsa-miR-210	CABLES1	-0.901018898
hsa-miR-505	CABLES1	-0.913387367
hsa-miR-770-5p	CABLES1	-0.941258463
hsa-miR-149	FRY	-0.958218897
hsa-miR-193b	FRY	-0.941467966
hsa-miR-210	FRY	-0.969471306
hsa-miR-505	FRY	-0.96219203
hsa-miR-770-5p	FRY	-0.977487928
hsa-miR-149	TRIP6	-0.937059107
hsa-miR-193b	TRIP6	-0.928642045
hsa-miR-210	TRIP6	-0.94833769
hsa-miR-505	TRIP6	-0.95057669
hsa-miR-770-5p	TRIP6	-0.976532486
hsa-miR-149	C1orf59	-0.938415643
hsa-miR-193b	C1orf59	-0.93679842
hsa-miR-210	C1orf59	-0.942563649
hsa-miR-505	C1orf59	-0.925430239
hsa-miR-770-5p	C1orf59	-0.994797616
hsa-miR-149	PDK3	-0.934085922
hsa-miR-193b	PDK3	-0.924499914
hsa-miR-210	PDK3	-0.943974896
hsa-miR-505	PDK3	-0.946538218
hsa-miR-770-5p	PDK3	-0.973889876

hsa-miR-149	ANKRD27	-0.923764677
hsa-miR-193b	ANKRD27	-0.940230483
hsa-miR-210	ANKRD27	-0.923878334
hsa-miR-505	ANKRD27	-0.923693382
hsa-miR-770-5p	ANKRD27	-0.941488352
hsa-miR-149	C6orf150	-0.940843647
hsa-miR-193b	C6orf150	-0.942175738
hsa-miR-210	C6orf150	-0.945268534
hsa-miR-505	C6orf150	-0.942457961
hsa-miR-770-5p	C6orf150	-0.974672727
hsa-miR-210	ALDH6A1	-0.91439206
hsa-miR-505	ALDH6A1	-0.915244027
hsa-miR-770-5p	ALDH6A1	-0.952169225
hsa-miR-149	PMAIP1	-0.911634823
hsa-miR-193b	PMAIP1	-0.908975426
hsa-miR-210	PMAIP1	-0.925466943
hsa-miR-505	PMAIP1	-0.93721646
hsa-miR-770-5p	PMAIP1	-0.956123521
hsa-miR-149	GPX8	-0.900741667
hsa-miR-210	GPX8	-0.92043513
hsa-miR-505	GPX8	-0.935084226
hsa-miR-770-5p	GPX8	-0.940390268
hsa-miR-149	LOC728192	-0.923165015
hsa-miR-210	LOC728192	-0.940834211
hsa-miR-365	LOC728192	-0.904332904
hsa-miR-505	LOC728192	-0.943232535
hsa-miR-770-5p	LOC728192	-0.97576186
hsa-miR-149	SERPINB1	-0.93446387
hsa-miR-193b	SERPINB1	-0.920194513
hsa-miR-210	SERPINB1	-0.949380599
hsa-miR-505	SERPINB1	-0.958541232
hsa-miR-770-5p	SERPINB1	-0.963535633
hsa-miR-149	RBMX2	-0.923165279
hsa-miR-193b	RBMX2	-0.907864703
hsa-miR-210	RBMX2	-0.944475762
hsa-miR-505	RBMX2	-0.952346645
hsa-miR-770-5p	RBMX2	-0.960818748
hsa-miR-149	MX1	-0.934899503
hsa-miR-193b	MX1	-0.935502429
hsa-miR-210	MX1	-0.93530233
hsa-miR-505	MX1	-0.930171868
hsa-miR-770-5p	MX1	-0.969320126
hsa-miR-210	PM20D2	-0.901622141
hsa-miR-505	PM20D2	-0.904193739

hsa-miR-770-5p	PM20D2	-0.975744446
hsa-miR-149	GBP3	-0.946432218
hsa-miR-193b	GBP3	-0.95423599
hsa-miR-210	GBP3	-0.950029634
hsa-miR-505	GBP3	-0.943788582
hsa-miR-770-5p	GBP3	-0.965621259
hsa-miR-149	ZNF747	-0.923572761
hsa-miR-193b	ZNF747	-0.923551341
hsa-miR-210	ZNF747	-0.929078696
hsa-miR-505	ZNF747	-0.921549612
hsa-miR-770-5p	ZNF747	-0.990886438
hsa-miR-149	TCEAL1	-0.922710112
hsa-miR-193b	TCEAL1	-0.911749184
hsa-miR-210	TCEAL1	-0.942424967
hsa-miR-505	TCEAL1	-0.94670198
hsa-miR-770-5p	TCEAL1	-0.95806279
hsa-miR-149	ZNF91	-0.941554662
hsa-miR-193b	ZNF91	-0.933518344
hsa-miR-210	ZNF91	-0.953245765
hsa-miR-505	ZNF91	-0.952105935
hsa-miR-770-5p	ZNF91	-0.98048828
hsa-miR-149	SLCO3A1	-0.940878941
hsa-miR-193b	SLCO3A1	-0.929228423
hsa-miR-210	SLCO3A1	-0.942630337
hsa-miR-365	SLCO3A1	-0.904798204
hsa-miR-505	SLCO3A1	-0.938563679
hsa-miR-770-5p	SLCO3A1	-0.953710025
hsa-miR-149	ZDHHC1	-0.932288366
hsa-miR-193b	ZDHHC1	-0.922963192
hsa-miR-210	ZDHHC1	-0.947148892
hsa-miR-505	ZDHHC1	-0.960327202
hsa-miR-770-5p	ZDHHC1	-0.946194422
hsa-miR-149	ADSSL1	-0.907677114
hsa-miR-193b	ADSSL1	-0.906210482
hsa-miR-210	ADSSL1	-0.919544682
hsa-miR-505	ADSSL1	-0.927354129
hsa-miR-770-5p	ADSSL1	-0.968467282
hsa-miR-149	USP4	-0.93185896
hsa-miR-193b	USP4	-0.923056208
hsa-miR-210	USP4	-0.943937091
hsa-miR-505	USP4	-0.943841017
hsa-miR-770-5p	USP4	-0.983669267
hsa-miR-149	PLAC4	-0.946393679
hsa-miR-193b	PLAC4	-0.958488824

hsa-miR-210	PLAC4	-0.942853427
hsa-miR-505	PLAC4	-0.937030955
hsa-miR-770-5p	PLAC4	-0.950909857
hsa-miR-149	C5orf13	-0.906034062
hsa-miR-193b	C5orf13	-0.911517112
hsa-miR-210	C5orf13	-0.905558009
hsa-miR-505	C5orf13	-0.916185345
hsa-miR-770-5p	C5orf13	-0.904982113
hsa-miR-149	FAM105A	-0.909793674
hsa-miR-210	FAM105A	-0.923253641
hsa-miR-505	FAM105A	-0.934102214
hsa-miR-770-5p	FAM105A	-0.959285368
hsa-miR-149	TUBB4Q	-0.942961413
hsa-miR-193b	TUBB4Q	-0.936705518
hsa-miR-210	TUBB4Q	-0.945738188
hsa-miR-505	TUBB4Q	-0.935426821
hsa-miR-770-5p	TUBB4Q	-0.982305766
hsa-miR-149	MAP7	-0.934404183
hsa-miR-193b	MAP7	-0.930983505
hsa-miR-210	MAP7	-0.942075934
hsa-miR-505	MAP7	-0.951959564
hsa-miR-770-5p	MAP7	-0.941142821
hsa-miR-149	EREG	-0.935340935
hsa-miR-193b	EREG	-0.918122392
hsa-miR-210	EREG	-0.952201182
hsa-miR-505	EREG	-0.955046751
hsa-miR-770-5p	EREG	-0.977190862
hsa-miR-505	RETSAT	-0.916263449
hsa-miR-770-5p	RETSAT	-0.922503891
hsa-miR-149	HOPX	-0.948031286
hsa-miR-193b	HOPX	-0.955164935
hsa-miR-210	HOPX	-0.95010936
hsa-miR-505	HOPX	-0.944306963
hsa-miR-770-5p	HOPX	-0.968059262
hsa-miR-505	LOC100288911	-0.900839701
hsa-miR-770-5p	LOC100288911	-0.949677526
hsa-miR-149	CPM	-0.949678019
hsa-miR-193b	CPM	-0.946277735
hsa-miR-210	CPM	-0.956751704
hsa-miR-505	CPM	-0.966419673
hsa-miR-770-5p	CPM	-0.923849289
hsa-miR-149	FLJ32955	-0.91703211
hsa-miR-193b	FLJ32955	-0.918770777
hsa-miR-210	FLJ32955	-0.926189275

hsa-miR-505	FLJ32955	-0.940027054
hsa-miR-770-5p	FLJ32955	-0.929542481
hsa-miR-149	RAD54B	-0.930648587
hsa-miR-193b	RAD54B	-0.910100862
hsa-miR-210	RAD54B	-0.949611556
hsa-miR-505	RAD54B	-0.950145445
hsa-miR-770-5p	RAD54B	-0.977833635
hsa-miR-149	FLJ21408	-0.938899715
hsa-miR-193b	FLJ21408	-0.933128373
hsa-miR-210	FLJ21408	-0.94112
hsa-miR-505	FLJ21408	-0.931093883
hsa-miR-770-5p	FLJ21408	-0.980781174
hsa-miR-149	LOC100506517	-0.914087809
hsa-miR-193b	LOC100506517	-0.904322363
hsa-miR-210	LOC100506517	-0.925960964
hsa-miR-505	LOC100506517	-0.932971871
hsa-miR-770-5p	LOC100506517	-0.96984251
hsa-miR-149	CSPP1	-0.911478843
hsa-miR-210	CSPP1	-0.928612789
hsa-miR-365	CSPP1	-0.926328763
hsa-miR-505	CSPP1	-0.940406687
hsa-miR-770-5p	CSPP1	-0.952236658
hsa-miR-149	FAM81B	-0.957573891
hsa-miR-193b	FAM81B	-0.948801886
hsa-miR-210	FAM81B	-0.966819402
hsa-miR-505	FAM81B	-0.96475763
hsa-miR-770-5p	FAM81B	-0.972809359
hsa-miR-149	HGSNAT	-0.952837417
hsa-miR-193b	HGSNAT	-0.939095057
hsa-miR-210	HGSNAT	-0.961340594
hsa-miR-365	HGSNAT	-0.903449317
hsa-miR-505	HGSNAT	-0.959854691
hsa-miR-770-5p	HGSNAT	-0.971393073
hsa-miR-149	ZNF185	-0.941804236
hsa-miR-193b	ZNF185	-0.920275245
hsa-miR-210	ZNF185	-0.942540879
hsa-miR-365	ZNF185	-0.926075301
hsa-miR-505	ZNF185	-0.935632665
hsa-miR-770-5p	ZNF185	-0.927959137
hsa-miR-770-5p	ZNF548	-0.900965325
hsa-miR-149	NBN	-0.90539305
hsa-miR-210	NBN	-0.925793738
hsa-miR-505	NBN	-0.942185222
hsa-miR-770-5p	NBN	-0.95773515

hsa-miR-149	CYB5D2	-0.91373108
hsa-miR-193b	CYB5D2	-0.921993627
hsa-miR-210	CYB5D2	-0.920021278
hsa-miR-505	CYB5D2	-0.92878156
hsa-miR-770-5p	CYB5D2	-0.939381969
hsa-miR-210	IFI44L	-0.914143559
hsa-miR-505	IFI44L	-0.908380918
hsa-miR-770-5p	IFI44L	-0.977155836
hsa-miR-770-5p	GPC1	-0.938398955
hsa-miR-149	CNNM2	-0.90201214
hsa-miR-193b	CNNM2	-0.913731928
hsa-miR-505	CNNM2	-0.90780455
hsa-miR-770-5p	CNNM2	-0.911247148
hsa-miR-149	SYTL5	-0.94430909
hsa-miR-193b	SYTL5	-0.912057029
hsa-miR-210	SYTL5	-0.966069192
hsa-miR-365	SYTL5	-0.904581026
hsa-miR-505	SYTL5	-0.966249709
hsa-miR-770-5p	SYTL5	-0.952413102
hsa-miR-149	LARP4B	-0.949137401
hsa-miR-193b	LARP4B	-0.944232714
hsa-miR-210	LARP4B	-0.954864134
hsa-miR-505	LARP4B	-0.958000478
hsa-miR-770-5p	LARP4B	-0.955863586
hsa-miR-149	DHRS12	-0.931488673
hsa-miR-193b	DHRS12	-0.91465832
hsa-miR-210	DHRS12	-0.93924433
hsa-miR-365	DHRS12	-0.911029953
hsa-miR-505	DHRS12	-0.939777194
hsa-miR-770-5p	DHRS12	-0.961572247
hsa-miR-149	HEBP2	-0.962884005
hsa-miR-193b	HEBP2	-0.965803971
hsa-miR-210	HEBP2	-0.963698626
hsa-miR-505	HEBP2	-0.960742179
hsa-miR-770-5p	HEBP2	-0.949093215
hsa-miR-149	LOC100499466	-0.918800602
hsa-miR-193b	LOC100499466	-0.936784424
hsa-miR-210	LOC100499466	-0.914459745
hsa-miR-505	LOC100499466	-0.912084291
hsa-miR-770-5p	LOC100499466	-0.941553113
hsa-miR-149	HOXD10	-0.959383341
hsa-miR-193b	HOXD10	-0.939455437
hsa-miR-210	HOXD10	-0.974381799
hsa-miR-365	HOXD10	-0.917317466

hsa-miR-505	HOXD10	-0.981369477
hsa-miR-770-5p	HOXD10	-0.951094529
hsa-miR-149	COPS8	-0.929955785
hsa-miR-193b	COPS8	-0.919147178
hsa-miR-210	COPS8	-0.936859777
hsa-miR-365	COPS8	-0.900540939
hsa-miR-505	COPS8	-0.940742987
hsa-miR-770-5p	COPS8	-0.958182767
hsa-miR-149	HIST1H2BK	-0.96986917
hsa-miR-193b	HIST1H2BK	-0.961931906
hsa-miR-210	HIST1H2BK	-0.976845695
hsa-miR-505	HIST1H2BK	-0.972843794
hsa-miR-770-5p	HIST1H2BK	-0.96396771
hsa-miR-149	NTF4	-0.936108964
hsa-miR-193b	NTF4	-0.92276621
hsa-miR-210	NTF4	-0.95504684
hsa-miR-505	NTF4	-0.960888845
hsa-miR-770-5p	NTF4	-0.954003098
hsa-miR-149	KIAA0020	-0.960251285
hsa-miR-193b	KIAA0020	-0.955474031
hsa-miR-210	KIAA0020	-0.963905892
hsa-miR-505	KIAA0020	-0.964177325
hsa-miR-770-5p	KIAA0020	-0.952482486
hsa-miR-149	PRKAG2	-0.921087747
hsa-miR-210	PRKAG2	-0.933688309
hsa-miR-505	PRKAG2	-0.91714252
hsa-miR-770-5p	PRKAG2	-0.960474144
hsa-miR-149	LGALS9	-0.954483929
hsa-miR-193b	LGALS9	-0.962243837
hsa-miR-210	LGALS9	-0.949437678
hsa-miR-505	LGALS9	-0.938357895
hsa-miR-770-5p	LGALS9	-0.962033551
hsa-miR-149	NOX1	-0.913488047
hsa-miR-193b	NOX1	-0.916972207
hsa-miR-210	NOX1	-0.913744517
hsa-miR-505	NOX1	-0.915061981
hsa-miR-770-5p	NOX1	-0.951175921
hsa-miR-149	EXOC6B	-0.927569245
hsa-miR-193b	EXOC6B	-0.922523039
hsa-miR-210	EXOC6B	-0.938222086
hsa-miR-505	EXOC6B	-0.943324187
hsa-miR-770-5p	EXOC6B	-0.97091304
hsa-miR-149	MTNR1A	-0.948626183
hsa-miR-193b	MTNR1A	-0.954076004

hsa-miR-210	MTNR1A	-0.944137747
hsa-miR-505	MTNR1A	-0.924865722
hsa-miR-770-5p	MTNR1A	-0.983184397
hsa-miR-770-5p	ARMCX6	-0.905472926
hsa-miR-149	DSCC1	-0.94527638
hsa-miR-193b	DSCC1	-0.916307046
hsa-miR-210	DSCC1	-0.962201607
hsa-miR-365	DSCC1	-0.932415941
hsa-miR-505	DSCC1	-0.966693532
hsa-miR-770-5p	DSCC1	-0.959259337
hsa-miR-149	MAGI2	-0.946621533
hsa-miR-193b	MAGI2	-0.941927165
hsa-miR-210	MAGI2	-0.955185962
hsa-miR-505	MAGI2	-0.955290116
hsa-miR-770-5p	MAGI2	-0.972968871
hsa-miR-149	TAPBPL	-0.938393729
hsa-miR-193b	TAPBPL	-0.92743382
hsa-miR-210	TAPBPL	-0.948612171
hsa-miR-505	TAPBPL	-0.951680787
hsa-miR-770-5p	TAPBPL	-0.97147678
hsa-miR-149	TCTN3	-0.920669231
hsa-miR-193b	TCTN3	-0.90529803
hsa-miR-210	TCTN3	-0.937924818
hsa-miR-505	TCTN3	-0.943933549
hsa-miR-770-5p	TCTN3	-0.977735773
hsa-miR-149	SLC25A18	-0.912135284
hsa-miR-210	SLC25A18	-0.936470418
hsa-miR-505	SLC25A18	-0.933892999
hsa-miR-770-5p	SLC25A18	-0.957195835
hsa-miR-149	KLK11	-0.925300923
hsa-miR-210	KLK11	-0.942985452
hsa-miR-505	KLK11	-0.931323844
hsa-miR-770-5p	KLK11	-0.971217525
hsa-miR-149	TMEM87A	-0.904007492
hsa-miR-193b	TMEM87A	-0.919126907
hsa-miR-210	TMEM87A	-0.908741246
hsa-miR-505	TMEM87A	-0.919394178
hsa-miR-770-5p	TMEM87A	-0.901826601
hsa-miR-149	AQP5	-0.914041627
hsa-miR-193b	AQP5	-0.920527017
hsa-miR-210	AQP5	-0.920655681
hsa-miR-505	AQP5	-0.93299695
hsa-miR-770-5p	AQP5	-0.924012945
hsa-miR-149	WDR78	-0.945463171



hsa-miR-193b	WDR78	-0.936572556
hsa-miR-210	WDR78	-0.958964151
hsa-miR-505	WDR78	-0.971399947
hsa-miR-770-5p	WDR78	-0.929743832
hsa-miR-505	LOC100127980	-0.901020853
hsa-miR-770-5p	LOC100127980	-0.952527993
hsa-miR-149	OASL	-0.904605886
hsa-miR-193b	OASL	-0.904815237
hsa-miR-210	OASL	-0.907646363
hsa-miR-505	OASL	-0.92256793
hsa-miR-770-5p	OASL	-0.901269719
hsa-miR-149	USP48	-0.942959346
hsa-miR-193b	USP48	-0.930326576
hsa-miR-210	USP48	-0.954299213
hsa-miR-505	USP48	-0.954563102
hsa-miR-770-5p	USP48	-0.977993224
hsa-miR-149	TGM2	-0.938573843
hsa-miR-193b	TGM2	-0.928150021
hsa-miR-210	TGM2	-0.948845736
hsa-miR-505	TGM2	-0.943348395
hsa-miR-770-5p	TGM2	-0.988125679
hsa-miR-149	CD99P1	-0.921942739
hsa-miR-193b	CD99P1	-0.930754575
hsa-miR-210	CD99P1	-0.922499244
hsa-miR-505	CD99P1	-0.914607584
hsa-miR-770-5p	CD99P1	-0.981278295
hsa-miR-149	RBM33	-0.928584013
hsa-miR-210	RBM33	-0.945525706
hsa-miR-365	RBM33	-0.919782629
hsa-miR-505	RBM33	-0.945216243
hsa-miR-770-5p	RBM33	-0.966137165
hsa-miR-149	LOC100289098	-0.914107344
hsa-miR-193b	LOC100289098	-0.912375977
hsa-miR-210	LOC100289098	-0.918636818
hsa-miR-505	LOC100289098	-0.930158907
hsa-miR-770-5p	LOC100289098	-0.926237768
hsa-miR-149	SRPK3	-0.9240874
hsa-miR-193b	SRPK3	-0.927512355
hsa-miR-210	SRPK3	-0.928479939
hsa-miR-505	SRPK3	-0.920764552
hsa-miR-770-5p	SRPK3	-0.98924274
hsa-miR-149	SH3PXD2A	-0.911861975
hsa-miR-193b	SH3PXD2A	-0.911995817
hsa-miR-210	SH3PXD2A	-0.928184453

hsa-miR-505	SH3PXD2A	-0.934932459
hsa-miR-770-5p	SH3PXD2A	-0.938840486
hsa-miR-149	HMGCS1	-0.961265124
hsa-miR-193b	HMGCS1	-0.959020598
hsa-miR-210	HMGCS1	-0.963872694
hsa-miR-505	HMGCS1	-0.965969572
hsa-miR-770-5p	HMGCS1	-0.938302013
hsa-miR-149	C8orf84	-0.946466221
hsa-miR-193b	C8orf84	-0.911216051
hsa-miR-210	C8orf84	-0.960462741
hsa-miR-365	C8orf84	-0.938451058
hsa-miR-505	C8orf84	-0.956871841
hsa-miR-770-5p	C8orf84	-0.94686757
hsa-miR-149	ABHD2	-0.904329833
hsa-miR-193b	ABHD2	-0.913601014
hsa-miR-210	ABHD2	-0.915678315
hsa-miR-505	ABHD2	-0.922246605
hsa-miR-770-5p	ABHD2	-0.936285134
hsa-miR-770-5p	TCEAL3	-0.944788261
hsa-miR-149	C17orf51	-0.957788487
hsa-miR-193b	C17orf51	-0.951185841
hsa-miR-210	C17orf51	-0.958177567
hsa-miR-505	C17orf51	-0.946419888
hsa-miR-770-5p	C17orf51	-0.973269734
hsa-miR-210	DNAJA1	-0.925361677
hsa-miR-505	DNAJA1	-0.94847331
hsa-miR-770-5p	DNAJA1	-0.91846885
hsa-miR-149	SPAG1	-0.919934871
hsa-miR-193b	SPAG1	-0.919815787
hsa-miR-210	SPAG1	-0.925564757
hsa-miR-505	SPAG1	-0.923322711
hsa-miR-770-5p	SPAG1	-0.981010008
hsa-miR-770-5p	TIMP2	-0.907267813
hsa-miR-149	ATP8B4	-0.937382778
hsa-miR-193b	ATP8B4	-0.946295054
hsa-miR-210	ATP8B4	-0.939165211
hsa-miR-505	ATP8B4	-0.927260303
hsa-miR-770-5p	ATP8B4	-0.984249554
hsa-miR-149	GOLGA7	-0.927350669
hsa-miR-193b	GOLGA7	-0.917266867
hsa-miR-210	GOLGA7	-0.931777771
hsa-miR-505	GOLGA7	-0.920553199
hsa-miR-770-5p	GOLGA7	-0.984066991
hsa-miR-149	DOK5	-0.91558865

hsa-miR-193b	DOK5	-0.902614673
hsa-miR-210	DOK5	-0.937476995
hsa-miR-505	DOK5	-0.956111211
hsa-miR-770-5p	DOK5	-0.928821901
hsa-miR-149	COL18A1	-0.927731246
hsa-miR-193b	COL18A1	-0.905311
hsa-miR-210	COL18A1	-0.935033578
hsa-miR-505	COL18A1	-0.921546946
hsa-miR-770-5p	COL18A1	-0.970965089
hsa-miR-149	STX3	-0.941066964
hsa-miR-193b	STX3	-0.94072454
hsa-miR-210	STX3	-0.932048009
hsa-miR-505	STX3	-0.923015764
hsa-miR-770-5p	STX3	-0.921864028
hsa-miR-149	POM121L9P	-0.9612739
hsa-miR-193b	POM121L9P	-0.951424914
hsa-miR-210	POM121L9P	-0.960963656
hsa-miR-365	POM121L9P	-0.900681626
hsa-miR-505	POM121L9P	-0.951178208
hsa-miR-770-5p	POM121L9P	-0.959036461
hsa-miR-149	SH3BGRL2	-0.938126205
hsa-miR-193b	SH3BGRL2	-0.943217786
hsa-miR-210	SH3BGRL2	-0.942156971
hsa-miR-505	SH3BGRL2	-0.937016031
hsa-miR-770-5p	SH3BGRL2	-0.97781005

hsa, Homo sapiens; miR, microRNA.

Table SIII. Co-expression network.

Gene name	Indegree	Outdegree	EdgeCount
SH3BGRL2	4	0	4
POM121L9P	5	0	5
STX3	5	0	5
COL18A1	5	0	5
DOK5	5	0	5
GOLGA7	5	0	5
ATP8B4	4	0	4
TIMP2	3	0	3
SPAG1	2	0	2
DNAJA1	3	0	3
CTDSPL2	2	0	2
TMPRSS22	5	0	5
C17orf51	5	0	5
CDC37L1	2	0	2

NKX2-11	5	0	5
TCEAL3	1	0	1
ABHD2	5	0	5
C8orf84	6	0	6
HMGCS1	5	0	5
SH3PXD2A	5	0	5
FCRLA	4	0	4
SRPK3	2	0	2
LOC100289098	6	0	6
RBM33	3	0	3
CD99P1	2	0	2
TGM2	5	0	5
USP48	5	0	5
OASL	6	0	6
LOC100127980	1	0	1
WDR78	6	0	6
AQP5	5	0	5
TMEM87A	5	0	5
KLK11	5	0	5
SLC25A18	5	0	5
LARP61	5	0	5
TCTN3	3	0	3
TAPBPL	5	0	5
MAGI2	5	0	5
DSCC1	6	0	6
ARMCX6	5	0	5
MTNR1A	5	0	5
EXOC6B	5	0	5
NOX1	5	0	5
LGALS9	5	0	5
PRKAG2	5	0	5
KIAA0020	5	0	5
NTF4	5	0	5
GBP12	3	0	3
HIST1H2BK	5	0	5
COPS8	6	0	6
HOXD10	6	0	6
LOC100499466	5	0	5
HEBP2	5	0	5
DHRS12	6	0	6
LARP4B	5	0	5
SYTL5	6	0	6
CNNM2	5	0	5
GPC1	2	0	2

IFI44L	2	0	2
CYB5D2	2	0	2
NBN	2	0	2
ZNF548	1	0	1
ZNF185	6	0	6
IFNGR11	5	0	5
PLEKHA21	1	0	1
HGSNAT	6	0	6
FAM81B	5	0	5
CSPP1	4	0	4
LOC100506517	1	0	1
FLJ21408	5	0	5
RAD54B	4	0	4
FLJ32955	5	0	5
CPM	6	0	6
LOC100288911	1	0	1
HOPX	5	0	5
RETSAT	1	0	1
EREG	5	0	5
EHHADH	2	0	2
MAP7	6	0	6
TUBB4Q	5	0	5
FAM105A	2	0	2
C5orf13	6	0	6
PLAC4	5	0	5
USP4	5	0	5
ADSSL1	2	0	2
PIK3AP11	5	0	5
ZDHHC1	5	0	5
SLCO3A1	6	0	6
ZNF91	5	0	5
PARP61	5	0	5
SMARCA11	4	0	4
TCEAL1	5	0	5
SAMHD14	5	0	5
ZNF747	4	0	4
ITPRIPL22	5	0	5
GBP3	5	0	5
PM20D2	2	0	2
C8orf331	6	0	6
MX1	5	0	5
RBMX2	5	0	5
SERPINB1	6	0	6
LOC728192	5	0	5

PVR1	5	0	5
GPX8	4	0	4
PMAIP1	3	0	3
ALDH6A1	4	0	4
C6orf150	5	0	5
ANKRD27	5	0	5
PDK3	3	0	3
MTO12	4	0	4
C1orf59	4	0	4
TRIP6	5	0	5
FRY	5	0	5
CABLES1	2	0	2
PDZK1IP1	5	0	5
LOC100129034	5	0	5
FAM125A	5	0	5
ASAH12	5	0	5
SULF2	5	0	5
GMDS	1	0	1
SORD1	3	0	3
HSPA12A	5	0	5
PSME2	5	0	5
WFDC2	5	0	5
XAF1	5	0	5
C8orf33	1	0	1
TCEA3	3	0	3
CAV11	5	0	5
FAM174B	5	0	5
CAPNS1	5	0	5
FANCI	3	0	3
TACC11	5	0	5
CD44	5	0	5
NUDT61	5	0	5
NETO21	5	0	5
MBNL3	3	0	3
PLEKHM3	5	0	5
PI3	5	0	5
PLIN2	5	0	5
FAR2	2	0	2
HR1	5	0	5
SNX10	6	0	6
MOSC21	4	0	4
FZD2	5	0	5
TNNT1	4	0	4
ADRB1	5	0	5

CREBBP	2	0	2
CXCL11	5	0	5
TRMT11	5	0	5
ZNF585A1	5	0	5
IGSF10	2	0	2
WWC3	2	0	2
PPAPDC1B	4	0	4
CYP2B6	5	0	5
SLC22A25	6	0	6
ZNF585A	5	0	5
PELI1	5	0	5
PVR	4	0	4
ACADSB	5	0	5
NCBP1	1	0	1
SCPEP1	5	0	5
LAMC2	6	0	6
ARHGAP18	6	0	6
GLIPR11	5	0	5
BRCC33	4	0	4
XPNPEP3	5	0	5
VGLL3	6	0	6
SLC33A1	5	0	5
ANKS4B	3	0	3
PRSS2	2	0	2
ACOT8	2	0	2
RNASET21	5	0	5
ZNF6141	6	0	6
SERPINB9	5	0	5
CREG2	5	0	5
C2orf55	2	0	2
ATP7B	5	0	5
INPP5D1	5	0	5
PCGF51	5	0	5
VNN11	4	0	4
LOC100507463	5	0	5
ITPRIPL21	5	0	5
FAM3D	5	0	5
ATF7IP	6	0	6
PARP6	5	0	5
ARL3	5	0	5
PSMB9	3	0	3
TMC7	5	0	5
RBPM5	5	0	5
GTPBP10	5	0	5

NOXO1	5	0	5
SERPINA11	6	0	6
C12orf24	1	0	1
PIGR	6	0	6
MRPS21	6	0	6
BMP2	5	0	5
CISH	5	0	5
PTPRN2	5	0	5
BAG1	4	0	4
TAF12	3	0	3
FXVD51	5	0	5
NSMAF	5	0	5
SYBU	5	0	5
WVOX	5	0	5
DTX3L	5	0	5
ITGAD	5	0	5
SNX21	5	0	5
PLEKHA2	5	0	5
ZNF334	5	0	5
SLC22A3	5	0	5
NAV11	5	0	5
ACPL2	4	0	4
SDHD	5	0	5
LOC100132735	5	0	5
SLC7A61	4	0	4
C2orf81	2	0	2
MUC1	4	0	4
PKDCC	2	0	2
ZNF642	6	0	6
NSUN6	4	0	4
HAPLN13	6	0	6
ARSD	4	0	4
SYTL4	5	0	5
SLC1A11	3	0	3
ABCC4	5	0	5
SEMA4D	5	0	5
LOC100507448	4	0	4
HPRT1	5	0	5
CPVL	5	0	5
TRIM71	5	0	5
HR	4	0	4
DKC12	5	0	5
SDR16C5	5	0	5
TAZ	5	0	5



SOSTDC1	4	0	4
YRDC	5	0	5
FSCN11	5	0	5
SLFN5	6	0	6
C9orf9	5	0	5
ASAH11	1	0	1
QRICH2	5	0	5
MTO11	4	0	4
CPNE8	5	0	5
MTM1	5	0	5
IFIH1	5	0	5
SEMA3A	2	0	2
AIFM1	5	0	5
IDS3	2	0	2
CALD12	1	0	1
PHKB	5	0	5
RAB3A	5	0	5
PRKCA1	2	0	2
TRIM7	5	0	5
SLC26A21	1	0	1
IDS2	4	0	4
MAP3K1	5	0	5
AKR1E2	6	0	6
KLHL52	5	0	5
CCDC14	5	0	5
GLRX	2	0	2
MCM41	1	0	1
C19orf54	3	0	3
IL5RA	1	0	1
OAS2	4	0	4
LMO4	2	0	2
NUDT6	5	0	5
RNMT	2	0	2
PEX31	5	0	5
CLDN1	2	0	2
TFPI1	6	0	6
MCAM1	5	0	5
NPY6R	1	0	1
PAM1	5	0	5
AK4	4	0	4
LIPH	2	0	2
CACNG41	5	0	5
EIF4E3	2	0	2
SLC26A2	6	0	6

RAPGEF2	5	0	5
MECP2	5	0	5
ATP6V1C1	5	0	5
SNAPC3	5	0	5
RNASET2	1	0	1
SPIRE1	3	0	3
PRRT2	6	0	6
NRXN1	5	0	5
OGFRL1	1	0	1
SCFD1	6	0	6
DAB21	4	0	4
LYSMD2	3	0	3
FLJ20464	1	0	1
DHFRL1	2	0	2
TNKS	1	0	1
PML1	5	0	5
ERICH1	6	0	6
NOTCH3	6	0	6
C1orf163	5	0	5
TACC1	5	0	5
LOC146336	5	0	5
DENND5B	6	0	6
HLA-F1	5	0	5
SIGMAR1	2	0	2
ARRB1	5	0	5
LOC339260	1	0	1
KANK1	6	0	6
ATE1	2	0	2
PARP9	5	0	5
RFK1	2	0	2
IFIT21	5	0	5
SLC25A42	3	0	3
TRIM22	2	0	2
C1orf58	5	0	5
NDUFA4L2	1	0	1
MLLT11	5	0	5
BNIP3L1	5	0	5
INPP5D	1	0	1
FAM55C1	6	0	6
LOC100129029	5	0	5
KLHL51	5	0	5
LAPTM4B1	1	0	1
C2orf68	5	0	5
ARRDC4	3	0	3

GIN51	4	0	4
RFK	5	0	5
RDH5	1	0	1
ACTR3C	5	0	5
CNN3	6	0	6
LOC100288954	4	0	4
CCDC123	5	0	5
FLJ39632	6	0	6
GYG21	3	0	3
ITPRIPL2	6	0	6
ZNF6552	5	0	5
CYP3A5	1	0	1
LYST	5	0	5
C9orf64	1	0	1
C8orf40	3	0	3
B4GALT5	1	0	1
SNX24	6	0	6
LY75	5	0	5
ZNF467	2	0	2
SLC37A1	5	0	5
KIAA0182	5	0	5
RBM9	3	0	3
CD552	3	0	3
DRAM1	6	0	6
PHLPP2	2	0	2
ZNF831	5	0	5
DDX60L	5	0	5
LOC388946	5	0	5
MTCP1NB	2	0	2
HEATR7A	2	0	2
NMB	5	0	5
SORD	2	0	2
PAM	5	0	5
MDK	5	0	5
ZNF5991	3	0	3
EDIL31	5	0	5
MTUS12	2	0	2
DTNA	5	0	5
ZNF514	5	0	5
PSD31	5	0	5
HIST1H2BD	6	0	6
HPDL	5	0	5
IFIT1	3	0	3
IDS1	4	0	4

LOC92249	5	0	5
CARD9	5	0	5
GCNT1	5	0	5
RPS21	5	0	5
VBP1	1	0	1
NAB2	4	0	4
PLD13	5	0	5
PPP2R3A1	6	0	6
FAIM	5	0	5
VMA211	5	0	5
SERPINA1	5	0	5
RGS16	6	0	6
AZGP1	4	0	4
VIPR1	2	0	2
PEX3	5	0	5
CCNE21	5	0	5
PLOD21	3	0	3
GATA3	3	0	3
BIRC3	5	0	5
PDGFC	2	0	2
FAM3A	5	0	5
ASAH1	5	0	5
01-Sep	5	0	5
PDZK1	5	0	5
SH3D20	5	0	5
DOCK1	5	0	5
LRRN4	5	0	5
SLC19A13	5	0	5
TRAPPC6A	2	0	2
ASAP13	2	0	2
MOSPD1	5	0	5
SLC4A11	5	0	5
NSDHL	5	0	5
DTNB	3	0	3
HERC6	5	0	5
CCL20	5	0	5
KCNE32	5	0	5
FAM26E	1	0	1
UGGT2	2	0	2
RSAD21	5	0	5
ALPK3	2	0	2
LRP12	5	0	5
SLC39A8	5	0	5
ABCC11	5	0	5

CSF2RA	5	0	5
IMPA1	5	0	5
CTSB2	5	0	5
RASGRF2	5	0	5
TMPRSS21	5	0	5
FBXL16	5	0	5
KLHL5	5	0	5
CD551	5	0	5
ASAP12	5	0	5
ZNF614	5	0	5
IFI6	5	0	5
C11orf75	6	0	6
TXNIP2	2	0	2
PLSCR11	6	0	6
SKAP1	5	0	5
MTMR12	3	0	3
FAM60A	5	0	5
KCNE31	2	0	2
LOC283867	5	0	5
TMEM66	5	0	5
FSCN1	5	0	5
LPIN2	6	0	6
ASCL2	1	0	1
LAPTM4B	6	0	6
IFNGR1	5	0	5
CCNE2	5	0	5
C10orf122	3	0	3
CLGN	5	0	5
LANCL2	5	0	5
MCAM	5	0	5
NUDT12	5	0	5
MTO1	5	0	5
MYST3	5	0	5
CD244	5	0	5
NEBL1	5	0	5
IRAK11	2	0	2
CD55	5	0	5
DKC11	2	0	2
FLJ22184	5	0	5
DKC1	2	0	2
OSBPL1A	5	0	5
EEF1A2	5	0	5
AIF1L	1	0	1
SFXN31	5	0	5

C3orf57	4	0	4
FANK1	2	0	2
FAM69A1	4	0	4
MIA3	5	0	5
SLC2A13	5	0	5
ATF6	3	0	3
PDLIM2	5	0	5
EFS	3	0	3
BTBD16	5	0	5
HOOK3	5	0	5
FAM198B	2	0	2
CDH11	2	0	2
hsa-miR-125b-2	0	29	29
hsa-miR-770-5p	0	453	453
hsa-miR-505	0	382	382
hsa-miR-365	0	93	93
hsa-miR-210	0	373	373
hsa-miR-193b	0	315	315
PLOD2	6	0	6
hsa-miR-149	0	336	336
GALNT10	3	0	3
TFPI	5	0	5
CAP2	2	0	2
PLSCR1	3	0	3
CYP1B12	3	0	3
TRIM16L	6	0	6
KCNN4	5	0	5
TMX4	4	0	4
CDHR1	5	0	5
XK	6	0	6
EDN1	3	0	3
TWSG1	2	0	2
SCLY	2	0	2
LOC100507192	6	0	6
SYTL1	4	0	4
EFR3B	3	0	3
GATM	2	0	2
AUTS2	3	0	3
C1orf97	3	0	3
LOC387895	5	0	5
SEPP1	4	0	4
AGMAT	4	0	4
NXF3	3	0	3
MSRA	5	0	5

HMGB3	3	0	3
LIPG	4	0	4
BRCC32	3	0	3
EMD	3	0	3
SCIN1	2	0	2
PML	4	0	4
MCTP11	5	0	5
TMED71	5	0	5
DIAPH3	6	0	6
MCM4	5	0	5
WDR55	3	0	3
PTPRK	4	0	4
SLC19A12	4	0	4
C6orf145	4	0	4
CASP1	2	0	2
C17orf97	4	0	4
FAM122B	3	0	3
TMED7	3	0	3
GYG2	4	0	4
ZFYVE162	3	0	3
LOC150005	4	0	4
PARP14	5	0	5
MYCL1	4	0	4
FXYD5	2	0	2
MOSC2	2	0	2
NUDT4P1	2	0	2
MCOLN3	5	0	5
TFF3	5	0	5
CHST4	6	0	6
TXNIP1	2	0	2
EPAS1	3	0	3
OBFC1	3	0	3
KIAA1984	2	0	2
STAU2	3	0	3
MSH32	5	0	5
SOX8	4	0	4
ISG15	7	0	7
C2orf89	3	0	3
BRCC31	5	0	5
SNTB1	5	0	5
CEACAM1	5	0	5
ZNF609	4	0	4
MMP281	3	0	3
FBXL17	4	0	4

TNFRSF10D	3	0	3
SCML4	6	0	6
ASRGL1	2	0	2
CALD11	5	0	5
CD37	3	0	3
MFAP3L	1	0	1
HLA-F	4	0	4
ERLIN2	2	0	2
TMEM185A	5	0	5
UBL4A	4	0	4
SP140L	2	0	2
CTGF	4	0	4
KRT17	3	0	3
TAP21	3	0	3
KCNMB4	6	0	6
CTSB1	3	0	3
LOC100505609	5	0	5
DNAJC18	5	0	5
ATP6AP1	2	0	2
ITPKA	6	0	6
FAM85A	4	0	4
IRF9	5	0	5
PCGF5	3	0	3
KLF15	5	0	5
ASAP11	5	0	5
REPIN1	5	0	5
ALCAM1	3	0	3
SLC25A45	3	0	3
CALD1	4	0	4
PAG1	7	0	7
TCEAL4	5	0	5
ITGA9	2	0	2
HOXA2	2	0	2
EPSTI1	7	0	7
SLC1A1	5	0	5
LGALS2	4	0	4
DAB2	4	0	4
SFXN3	5	0	5
MTUS11	5	0	5
OAS1	2	0	2
CYP1B11	5	0	5
LOC100287628	3	0	3
SLC7A6	3	0	3
ITGA11	7	0	7



FDFT11	4	0	4
PSD3	4	0	4
PLCB41	4	0	4
ZDHHC22	2	0	2
RARRES11	3	0	3
ZNF3021	3	0	3
TXNIP	5	0	5
NEK11	7	0	7
IL1F7	5	0	5
ITGA1	3	0	3
FMR11	2	0	2
TM4SF4	7	0	7
ERN2	3	0	3
DPY19L2P2	2	0	2
ZDHHC4	5	0	5
MYB	4	0	4
ATP11C	3	0	3
LGR5	7	0	7
FOXJ1	4	0	4
ALDH3A1	3	0	3
BGN1	4	0	4
ZC3H12C	6	0	6
HOXA11-AS	3	0	3
LOC439911	3	0	3
C7orf29	4	0	4
SMARCA1	3	0	3
CTSB	4	0	4
VAMP7	4	0	4
ENO2	5	0	5
LOC100506844	6	0	6
NEBL	5	0	5
MACROD2	5	0	5
SNAI3	4	0	4
PLD12	5	0	5
HLA-C3	5	0	5
SEPW1	7	0	7
RNF170	6	0	6
NCRNA00103	7	0	7
GPC41	5	0	5
POLL	3	0	3
ALDH1A1	5	0	5
BCL2L15	4	0	4
LARP6	5	0	5
GABRE	3	0	3

LOC283352	5	0	5
RASSF8	5	0	5
MUC131	3	0	3
NHSL1	2	0	2
SEMA4G	3	0	3
AGT	4	0	4
PLD11	2	0	2
CNTNAP21	5	0	5
DCDC5	5	0	5
RARRES1	2	0	2
PIGZ	3	0	3
CDH1	4	0	4
CASP2	4	0	4
DHRS2	3	0	3
DKK1	3	0	3
PPP2R3A	3	0	3
YBX2	4	0	4
SUCNR1	4	0	4
OSGIN2	3	0	3
CRIP2	2	0	2
MBIP	3	0	3
ISG201	2	0	2
MLF1	3	0	3
ELFN2	4	0	4
KLF121	4	0	4
LAGE3	5	0	5
ACTN4	4	0	4
KCNE3	4	0	4
VCAN2	5	0	5
FDFT1	2	0	2
TMPRSS2	4	0	4
AGPAT5	5	0	5
NETO2	4	0	4
IFIT2	6	0	6
BCAP31	4	0	4
TAP2	5	0	5
ANKRD50	3	0	3
MTUS1	5	0	5
CMBL	5	0	5
PPP1R14C	5	0	5
PARP12	5	0	5
HAUS7	6	0	6
HAPLN12	3	0	3
ASAP1	3	0	3

NDRG1	3	0	3
SAMHD13	2	0	2
LOC3898311	5	0	5
IDH3G1	6	0	6
RSAD2	4	0	4
AMPD3	5	0	5
FXVD31	2	0	2
FMR1	5	0	5
CYP1B1	3	0	3
TUBAL3	2	0	2
MSH31	3	0	3
ARHGAP24	7	0	7
ZNF302	5	0	5
CSRNP3	4	0	4
ZCCHC24	5	0	5
SSR4	3	0	3
SESN1	6	0	6
HPN	5	0	5
ALDH1A3	2	0	2
ATHL1	3	0	3
VCAN1	3	0	3
SSBP23	5	0	5
AKR1C12	3	0	3
C4orf47	3	0	3
C13orf15	3	0	3
DNAJC151	3	0	3
UBE2L6	5	0	5
WDR54	2	0	2
SPATA22	4	0	4
DNAH5	3	0	3
DGAT2	2	0	2
PPP1R1B	5	0	5
IFITM3	3	0	3
TACR3	5	0	5
FAM55C	4	0	4
MSH3	7	0	7
BLMH	3	0	3
CAV1	6	0	6
ENPP5	4	0	4
XRCC43	5	0	5
ZFYVE161	4	0	4
IFIT3	5	0	5
RARRES3	3	0	3
FUNDC2	4	0	4

HAPLN11	3	0	3
ARHGEF4	3	0	3
SERPINH1	7	0	7
TRIM29	5	0	5
TMEM167A1	5	0	5
HLA-G1	4	0	4
FAM69A	4	0	4
DNAJA42	3	0	3
EDIL3	4	0	4
HYLS1	4	0	4
HIST1H2AC	5	0	5
CLN8	4	0	4
MYLK	3	0	3
IRAK1	2	0	2
GBP11	2	0	2
REPS2	3	0	3
DUSP5	3	0	3
GDI1	6	0	6
PLD1	4	0	4
ATP10B	5	0	5
CD200	5	0	5
TMLHE	5	0	5
FAM50A	4	0	4
IDS	4	0	4
MTMR11	4	0	4
GPC4	3	0	3
CLEC3A	4	0	4
KLF12	5	0	5
GRHL2	2	0	2
RARRES2	2	0	2
PSMB8	5	0	5
SYT13	4	0	4
EPHB2	5	0	5
ERP27	3	0	3
AKR1C11	3	0	3
CXorf40B	2	0	2
ATG102	3	0	3
CTSS	6	0	6
AKR1C21	5	0	5
MTMR1	3	0	3
LOC400573	4	0	4
LOC100129827	7	0	7
LOC389831	5	0	5
PPM1K	5	0	5

CXorf40A	5	0	5
MCTP1	5	0	5
MUC13	4	0	4
COL1A1	4	0	4
SPATA17	3	0	3
HES6	4	0	4
BRCC3	4	0	4
IDH3G	6	0	6
OAS3	5	0	5
HLA-B2	4	0	4
LOC100505483	3	0	3
NMI	3	0	3
PLCXD1	4	0	4
ZFYVE16	7	0	7
DSE	2	0	2
HBE1	2	0	2
AKR1C2	5	0	5
LOC1001310671	6	0	6
HAPLN1	7	0	7
MYO7A	2	0	2
IFI161	3	0	3
GAMT	4	0	4
TAGLN	7	0	7
HLA-B1	3	0	3
LY6E	5	0	5
S100A4	4	0	4
HLA-G	3	0	3
SLC38A5	6	0	6
SH3RF2	2	0	2
FBXO25	2	0	2
BLVRA2	4	0	4
BNIP3L	3	0	3
RASSF5	5	0	5
PRSS12	2	0	2
MMP28	4	0	4
AKR1C1	5	0	5
CNTNAP2	5	0	5
SLC5A4	4	0	4
KBTD11	2	0	2
VMA21	3	0	3
TAP1	2	0	2
IFI16	3	0	3
DHFR3	5	0	5
ZIC2	5	0	5

NNMT1	3	0	3
IFITM11	4	0	4
SLC19A11	4	0	4
LOC342918	4	0	4
CADPS2	5	0	5
BLVRA1	3	0	3
DHFR2	3	0	3
PIK3AP1	3	0	3
CD991	2	0	2
MATN2	2	0	2
PHC1	4	0	4
ZNF6551	5	0	5
SSBP22	3	0	3
ZNF655	4	0	4
XRCC42	3	0	3
SLC16A4	2	0	2
XRCC41	6	0	6
SAMHD12	5	0	5
PECI	5	0	5
SSBP21	3	0	3
VCAN	3	0	3
GBP1	5	0	5
COMP	4	0	4
LOC401324	5	0	5
PRKCA	3	0	3
FKRP	5	0	5
PLAC8	5	0	5
HLA-C2	4	0	4
PLCB4	5	0	5
ALCAM	3	0	3
LOC100131067	5	0	5
DHFR1	5	0	5
ZDHHC21	4	0	4
ISG20	2	0	2
DDX60	5	0	5
ZNF83	3	0	3
IFITM1	4	0	4
C5orf39	3	0	3
SLC39A4	3	0	3
ZNF599	6	0	6
CYBRD1	2	0	2
DHFR	5	0	5
GNG2	5	0	5
NOS3	4	0	4

LRRC50	5	0	5
ATG101	3	0	3
FLJ322551	5	0	5
HLA-C1	5	0	5
FXVD3	4	0	4
TMEM167A	5	0	5
BLVRA	4	0	4
HLA-C	4	0	4
FGF19	4	0	4
NAV1	4	0	4
HLA-B	7	0	7
VNN1	4	0	4
DNAJA41	3	0	3
MAPRE2	5	0	5
FLJ32255	3	0	3
ZDHHC2	1	0	1
CACNG4	3	0	3
DNAJA4	5	0	5
EML2	4	0	4
CLEC4G	3	0	3
SLC19A1	3	0	3
XRCC4	5	0	5
FERMT1	3	0	3
SAMHD11	7	0	7
PLTP	3	0	3
BGN	3	0	3
HEPH	3	0	3
ZCCHC9	5	0	5
IFITM2	2	0	2
SCIN	5	0	5
CD99	3	0	3
ATG10	5	0	5
HCP5	4	0	4
FAIM2	4	0	4
IFI44	4	0	4
SSBP2	2	0	2
SAMHD1	7	0	7
ANXA13	2	0	2
NNMT	2	0	2
IGFBP71	7	0	7
DNAJC15	4	0	4
PRSS1	3	0	3
CMPK2	3	0	3
GLIPR1	4	0	4

ATP6AP1L	3	0	3
NKX2-1	3	0	3
RPS23	4	0	4
ARMCX4	7	0	7
BST2	4	0	4
hsa-miR-452	0	186	186
IGFBP7	6	0	6
hsa-miR-155	0	39	39
PDZK1IP1	4	0	4
hsa-miR-215	0	35	35
hsa-miR-552	0	424	424
hsa-miR-338-3p	0	252	252
hsa-miR-29b-1	0	428	428
IFI27	4	0	4
hsa-miR-224	0	337	337