

SUPPLEMENTARY DATA

Supplementary Table 1. microRNAs chosen for normalization.

These microRNAs met the following criteria: (i) they were expressed at high levels (median Ct < 30) and in all samples; (ii) they were not statistically different for the various epithelial tissue type comparisons (Welch's *t*-test, $p > 0.1$); (iii) they were the least variable miRNAs (coefficient of variation < 100% for relative levels in each epithelial tissue type). Control squamous mucosa (control-S), post-ablation squamous mucosa (post-S), post-ablation neosquamous mucosa (post-NS).

ay ID	miRBase ID (Release 20)	Accession number	Mature Sequence	median Ct	% of samples amplified	Control-S vs. post-NS p-value	Post-S vs. post-NS p-value
55-3p	hsa-miR-455-3p	MIMAT0004784	GCAGUCCAUGGGCAUUAUACAC	27.8	100	0.84	0.31
103	has-miR-103-3p	MIMAT0000101	AGCAGCAUUGUACAGGGCUAUG A	24.1	100	0.47	0.15
31	hsa-miR-331-3p	MIMAT0000760	GCCCCUGGGCCUAUCCUAGAA	23.4	100	0.16	0.65
25b	has-miR-125-5p	MIMAT0000423	UCCCUGAGACCCUAACUUGUGA	22.1	100	0.63	0.59
97	has-miR-197-3p	MIMAT0000227	UUCACCACCUUCUCCACCCAGC	25.7	100	0.75	0.53
-93	hsa-miR-93-5p	MIMAT0000093	CAAAGUGCUGUUCGUGCAGGUA G	23.6	100	0.18	0.17
9a	hsa-miR-19a-3p	MIMAT0000073	UGUGCAAUUCUAUGCAAAACUG A	25.9	100	0.54	0.52
30a	hsa-miR-130a-3p	MIMAT0000425	CAGUGCAAUGUUAAGGGCAU	23.7	100	0.31	0.16
	hsa-let-7a-5p	MIMAT0000062	UGAGGUAGUAGGUUGUAUAGU U	23.1	100	0.50	0.18
23-5p	has-miR-423-5p	MIMAT0004748	UGAGGGGCAGAGAGCGAGACUU U	27.4	100	0.93	0.32
28a	has-miR-128a-3p	MIMAT0000424	UCACAGUGAACCGGUCUCUUU	28.4	100	0.24	0.24
	has-let-7e	MIMAT0000066	UGAGGUAGGAGGUUGUAUAGU U	23.3	100	0.25	0.77
106b	has-miR-106b-5p	MIMAT0000680	UAAAGUGCUGACAGUGCAGAU	22.5	100	0.25	0.19
9a	has-miR-99a-5p	MIMAT0000097	AACCCGUAGAUCCGAUCUUGUG	23.1	100	0.22	0.76

Supplementary Table 2.

microRNAs that were significantly differentially expressed between control squamous mucosa (control-S) and post-ablation neo-squamous mucosa (post-NS).

mature miRNA	control-S / post-NS	Mann Whitney p-value
hsa-miR-133a-3p	0.001	0.005
hsa-miR-424-3p	0.001	0.012
hsa-miR-424-5p	0.002	0.000
hsa-miR-199a-5p	0.003	0.012
hsa-miR-223-5p	0.004	0.023
mmu-miR-187-3p	0.005	0.004
mmu-miR-495-3p	0.010	0.014
hsa-miR-196b-5p	0.011	0.036
hsa-miR-214-5p	0.021	0.005
hsa-let-7f-2-3p	0.062	0.012
hsa-miR-411-5p	0.111	0.017
hsa-miR-136-3p	0.139	0.027
hsa-miR-409-3p	0.147	0.005
hsa-miR-376c-3p	0.155	0.001
hsa-miR-127-3p	0.206	0.027
hsa-miR-143-3p	0.269	0.006
hsa-miR-135a-5p	0.333	0.002
hsa-miR-30a-3p	0.361	0.001
hsa-miR-425-3p	0.368	0.023
hsa-miR-30e-3p	0.388	0.000
hsa-miR-10b-5p	0.415	0.031
hsa-miR-199a-3p	0.423	0.017
hsa-miR-218-5p	0.488	0.009
hsa-miR-31-3p	0.497	0.012
hsa-miR-135b-5p	0.498	0.001

hsa-miR-21-5p	0.505	0.003
hsa-miR-18b-5p	0.519	0.041
hsa-miR-132-3p	0.533	0.017
hsa-miR-335-5p	0.582	0.014
hsa-miR-130b-3p	0.621	0.003
hsa-miR-31-5p	0.693	0.009
hsa-miR-34a-5p	0.695	0.001
hsa-miR-29a-3p	0.704	0.000
hsa-miR-296-5p	1.416	0.005
hsa-miR-27a-5p	1.451	0.020
hsa-miR-23b-3p	1.500	0.020
hsa-miR-361-5p	1.501	0.031
hsa-miR-92a-3p	1.502	0.001
hsa-miR-629-5p	1.534	0.036
hsa-miR-191-5p	1.541	0.010
hsa-miR-642a-5p	1.567	0.047
hsa-miR-342-3p	1.635	0.036
hsa-miR-597-3p	2.147	0.007
hsa-miR-500a-5p	10.334	0.006

Supplementary Table 3.

microRNAs that were significantly differentially expressed between post-ablation squamous mucosa (post-S) and post-ablation neo-squamous mucosa (post-NS).

mature miRNA	post-S / post-NS	Mann Whitney p-value
hsa-miR-199a-5p	0.002	0.045
hsa-miR-941	0.002	0.024
hsa-miR-424-5p	0.004	0.001
hsa-miR-223-5p	0.005	0.014
hsa-miR-136-3p	0.005	0.033

hsa-miR-214-5p	0.022	0.027
hsa-miR-409-3p	0.215	0.003
hsa-miR-127-3p	0.266	0.033
hsa-miR-376c-3p	0.325	0.027
hsa-miR-34c-5p	0.372	0.033
mmu-miR-187-3p	0.373	0.012
hsa-miR-135a-5p	0.397	0.008
hsa-miR-135b-5p	0.582	0.004
hsa-miR-31-5p	0.646	0.006
hsa-miR-664a-3p	1.442	0.001
hsa-miR-29a-5p	1.596	0.002
hsa-miR-1282	3.018	0.021
hsa-miR-9-3p	78.295	0.033

Supplementary Table 4.

Details of microRNAs that were differentially expressed in both control squamous mucosa vs. post-ablation neosquamous mucosa (control-S vs. post-NS) and post-ablation squamous mucosa vs. post-ablation neosquamous mucosa (post-S vs. post-NS).

OpenArray assay ID	miRBase ID	Accession number	Mature Sequence
000604_hsa-miR-424	hsa-miR-424-5p	MIMAT0001341	CAGCAGCAAUUCAUGUUUUGAA
002293_hsa-miR-214#	hsa-miR-214-5p	MIMAT0004564	UGCCUGUCUACACUUGCUGUGC
000498_hsa-miR-199a	hsa-miR-199a-5p	MIMAT0000231	CCCAGUGUUCAGACUACCUUGUUC
002098_hsa-miR-223#	hsa-miR-223-5p	MIMAT0004570	CGUGUAUUUGACAAGCUGAGUU
001193_mmu-miR-187	mmu-miR-187-3p	MIMAT0000216	UCGUGUCUUGUGUUGCAGCCGG
002100_hsa-miR-136#	hsa-miR-136-3p	MIMAT0004606	CAUCAUCGUCUCAAUGAGUCU
002122_hsa-miR-376c	hsa-miR-376c-3p	MIMAT0000720	AACAUAGAGGAAAUUCCACGU
000452_hsa-miR-127	hsa-miR-127-3p	MIMAT0000446	UCGGAUCCGUCUGAGCUUGGCU
000460_hsa-miR-135a	hsa-miR-135a-5p	MIMAT0000428	UAUGGCUUUUUAUUCCUAUGUGA
002332_hsa-miR-409-3p	hsa-miR-409-3p	MIMAT0001639	GAAUGUUGCUCGGUGAACCCCU
002261_hsa-miR-135b	hsa-miR-135b-5p	MIMAT0000758	UAUGGCUUUUCAUUCCUAUGUGA
002279_hsa-miR-31	hsa-miR-31-5p	MIMAT0000089	AGGCAAGAUGCUGGCAUAGCU

Supplementary Table 5. Predicted mRNA targets of differentially expressed microRNAs that are increased in neosquamous, but not Barrett's mucosa, relative to normal squamous mucosa.

Gene	EntrezID	RefseqID	miR number 1	miR number 2	miR number 3
SOX11	6664	NM_003108	hsa-miR-135b-5p	hsa-miR-31-5p	hsa-miR-187-3p
KLF7	8609	NM_003709	hsa-miR-135b-5p	hsa-miR-31-5p	hsa-miR-187-3p
USP13	8975	NM_003940	hsa-miR-135b-5p	hsa-miR-31-5p	hsa-miR-187-3p
SLC1A2	6506	NM_004171	hsa-miR-135b-5p	hsa-miR-31-5p	hsa-miR-187-3p
PLXNA2	5362	NM_025179	hsa-miR-135b-5p	hsa-miR-31-5p	hsa-miR-187-3p
RASAL2	9462	NM_170692	hsa-miR-135b-5p	hsa-miR-31-5p	hsa-miR-187-3p
TNRC6B	23112	XM_005261393	hsa-miR-135b-5p	hsa-miR-31-5p	hsa-miR-187-3p
MTR	4548	NM_000254	hsa-miR-135b-5p	hsa-miR-31-5p	
MID1	4281	NM_000381	hsa-miR-135b-5p	hsa-miR-187-3p	
PHEX	5251	NM_000444	hsa-miR-135b-5p	hsa-miR-31-5p	
TAP2	6891	NM_000544	hsa-miR-135b-5p	hsa-miR-31-5p	
PRLR	5618	NM_000949	hsa-miR-135b-5p	hsa-miR-31-5p	
ATP2B4	493	NM_001001396	hsa-miR-135b-5p	hsa-miR-187-3p	
AK4	205	NM_001005353	hsa-miR-135b-5p	hsa-miR-31-5p	
KIAA2018	205717	NM_001009899	hsa-miR-135b-5p	hsa-miR-31-5p	
SLC25A53	401612	NM_001012755	hsa-miR-135b-5p	hsa-miR-187-3p	
CALN1	83698	NM_001017440	hsa-miR-135b-5p	hsa-miR-187-3p	
UBA52	7311	NM_001033930	hsa-miR-135b-5p	hsa-miR-31-5p	
ZNF705D	728957	NM_001039615	hsa-miR-135b-5p	hsa-miR-31-5p	
OPALIN	93377	NM_001040103	hsa-miR-135b-5p	hsa-miR-31-5p	
CEP85L	387119	NM_001042475	hsa-miR-135b-5p	hsa-miR-31-5p	
KDM5A	5927	NM_001042603	hsa-miR-135b-5p	hsa-miR-31-5p	
UBXN2B	137886	NM_001077619	hsa-miR-135b-5p	hsa-miR-31-5p	
ADCY9	115	NM_001116	hsa-miR-187-3p	hsa-miR-31-5p	
ESR1	2099	NM_001122742	hsa-miR-135b-5p	hsa-miR-31-5p	
VPS53	55275	NM_001128159	hsa-miR-135b-5p	hsa-miR-31-5p	
INPP4A	3631	NM_001134224	hsa-miR-135b-5p	hsa-miR-31-5p	
AFAP1	60312	NM_001134647	hsa-miR-135b-5p	hsa-miR-31-5p	
LRRC15	131578	NM_001135057	hsa-miR-135b-5p	hsa-miR-31-5p	
SYT2	127833	NM_001136504	hsa-miR-135b-5p	hsa-miR-187-3p	
KIAA1324L	222223	NM_001142749	hsa-miR-135b-5p	hsa-miR-31-5p	

Gene	EntrezID	RefseqID	miR number 1	miR number 2	miR number 3
SH3BP2	6452	NM_001145855	hsa-miR-135b-5p	hsa-miR-31-5p	
POP1	10940	NM_001145860	hsa-miR-135b-5p	hsa-miR-31-5p	
STAU2	27067	NM_001164384	hsa-miR-135b-5p	hsa-miR-31-5p	
CSRNP3	80034	NM_001172173	hsa-miR-187-3p	hsa-miR-31-5p	
SLC6A2	6530	NM_001172501	hsa-miR-187-3p	hsa-miR-31-5p	
MYD88	4615	NM_001172567	hsa-miR-135b-5p	hsa-miR-187-3p	
TFDP2	7029	NM_001178138	hsa-miR-135b-5p	hsa-miR-31-5p	
CARD8	22900	NM_001184902	hsa-miR-187-3p	hsa-miR-31-5p	
ACOX1	51	NM_001185039	hsa-miR-135b-5p	hsa-miR-31-5p	
BMPR2	659	NM_001204	hsa-miR-135b-5p	hsa-miR-31-5p	
NOS1	4842	NM_001204218	hsa-miR-135b-5p	hsa-miR-31-5p	
CAMK2D	817	NM_001221	hsa-miR-135b-5p	hsa-miR-31-5p	
ERG	2078	NM_001243428	hsa-miR-187-3p	hsa-miR-31-5p	
ORAI2	80228	NM_001271818	hsa-miR-187-3p	hsa-miR-31-5p	
ACADSB	36	NM_001609	hsa-miR-135b-5p	hsa-miR-31-5p	
ENTPD1	953	NM_001776	hsa-miR-135b-5p	hsa-miR-31-5p	
SLC31A1	1317	NM_001859	hsa-miR-135b-5p	hsa-miR-31-5p	
CPM	1368	NM_001874	hsa-miR-187-3p	hsa-miR-31-5p	
FMOD	2331	NM_002023	hsa-miR-135b-5p	hsa-miR-31-5p	
CXCL9	4283	NM_002416	hsa-miR-135b-5p	hsa-miR-31-5p	
MTAP	4507	NM_002451	hsa-miR-187-3p	hsa-miR-31-5p	
OAS2	4939	NM_002535	hsa-miR-135b-5p	hsa-miR-31-5p	
PLAG1	5324	NM_002655	hsa-miR-135b-5p	hsa-miR-31-5p	
PPP2R1B	5519	NM_002716	hsa-miR-135b-5p	hsa-miR-31-5p	
PTPN1	5770	NM_002827	hsa-miR-135b-5p	hsa-miR-31-5p	
SLC1A4	6509	NM_003038	hsa-miR-135b-5p	hsa-miR-31-5p	
SNX1	6642	NM_003099	hsa-miR-135b-5p	hsa-miR-31-5p	
SOX11	6664	NM_003108	hsa-miR-31-5p	hsa-miR-187-3p	
SP3	6670	NM_003111	hsa-miR-135b-5p	hsa-miR-187-3p	
SEC62	7095	NM_003262	hsa-miR-135b-5p	hsa-miR-31-5p	
TUB	7275	NM_003320	hsa-miR-135b-5p	hsa-miR-31-5p	
UBE2H	7328	NM_003344	hsa-miR-135b-5p	hsa-miR-31-5p	
KLF7	8609	NM_003709	hsa-miR-31-5p	hsa-miR-187-3p	
USP13	8975	NM_003940	hsa-miR-31-5p	hsa-miR-187-3p	
EFNB2	1948	NM_004093	hsa-miR-135b-5p	hsa-miR-187-3p	
RAB27B	5874	NM_004163	hsa-miR-135b-5p	hsa-miR-31-5p	

Gene	EntrezID	RefseqID	miR number 1	miR number 2	miR number 3
SLC1A2	6506	NM_004171	hsa-miR-31-5p	hsa-miR-187-3p	
SPOCK1	6695	NM_004598	hsa-miR-135b-5p	hsa-miR-31-5p	
MAP3K13	9175	NM_004721	hsa-miR-187-3p	hsa-miR-31-5p	
VAPB	9217	NM_004738	hsa-miR-135b-5p	hsa-miR-31-5p	
LITAF	9516	NM_004862	hsa-miR-135b-5p	hsa-miR-31-5p	
PPARA	5465	NM_005036	hsa-miR-135b-5p	hsa-miR-31-5p	
CNTN2	6900	NM_005076	hsa-miR-135b-5p	hsa-miR-31-5p	
TBX19	9095	NM_005149	hsa-miR-135b-5p	hsa-miR-31-5p	
TSPAN3	10099	NM_005724	hsa-miR-187-3p	hsa-miR-31-5p	
CTDSP2	10106	NM_005730	hsa-miR-135b-5p	hsa-miR-31-5p	
ATP9A	10079	NM_006045	hsa-miR-135b-5p	hsa-miR-187-3p	
ATP8A1	10396	NM_006095	hsa-miR-135b-5p	hsa-miR-31-5p	
NSF	4905	NM_006178	hsa-miR-135b-5p	hsa-miR-31-5p	
PFKFB2	5208	NM_006212	hsa-miR-135b-5p	hsa-miR-31-5p	
PRKAA2	5563	NM_006252	hsa-miR-187-3p	hsa-miR-31-5p	
SLC16A2	6567	NM_006517	hsa-miR-135b-5p	hsa-miR-31-5p	
RASA4	10156	NM_006989	hsa-miR-187-3p	hsa-miR-31-5p	
TEP1	7011	NM_007110	hsa-miR-135b-5p	hsa-miR-31-5p	
RNF24	11237	NM_007219	hsa-miR-135b-5p	hsa-miR-31-5p	
ABL2	27	NM_007314	hsa-miR-187-3p	hsa-miR-31-5p	
PADI2	11240	NM_007365	hsa-miR-135b-5p	hsa-miR-31-5p	
TRAM2	9697	NM_012288	hsa-miR-135b-5p	hsa-miR-31-5p	
DDX58	23586	NM_014314	hsa-miR-135b-5p	hsa-miR-31-5p	
TFCP2L1	29842	NM_014553	hsa-miR-135b-5p	hsa-miR-31-5p	
FRMPD4	9758	NM_014728	hsa-miR-135b-5p	hsa-miR-31-5p	
RNF144A	9781	NM_014746	hsa-miR-135b-5p	hsa-miR-31-5p	
CD302	9936	NM_014880	hsa-miR-135b-5p	hsa-miR-31-5p	
OTUD3	23252	NM_015207	hsa-miR-135b-5p	hsa-miR-31-5p	
KLF13	51621	NM_015995	hsa-miR-135b-5p	hsa-miR-31-5p	
PGPEP1	54858	NM_017712	hsa-miR-135b-5p	hsa-miR-31-5p	
UHRF1BP1	54887	NM_017754	hsa-miR-135b-5p	hsa-miR-31-5p	
NCLN	56926	NM_020170	hsa-miR-135b-5p	hsa-miR-31-5p	
NLN	57486	NM_020726	hsa-miR-187-3p	hsa-miR-31-5p	
SCN2A	6326	NM_021007	hsa-miR-135b-5p	hsa-miR-31-5p	
ADCY1	107	NM_021116	hsa-miR-135b-5p	hsa-miR-31-5p	
C22orf29	79680	NM_024627	hsa-miR-135b-5p	hsa-miR-31-5p	

Gene	EntrezID	RefseqID	miR number 1	miR number 2	miR number 3
THSD4	79875	NM_024817	hsa-miR-135b-5p	hsa-miR-187-3p	
CCDC170	80129	NM_025059	hsa-miR-135b-5p	hsa-miR-187-3p	
ATP10B	23120	NM_025153	hsa-miR-135b-5p	hsa-miR-31-5p	
PLXNA2	5362	NM_025179	hsa-miR-31-5p	hsa-miR-187-3p	
RAB1B	81876	NM_030981	hsa-miR-135b-5p	hsa-miR-31-5p	
SH3BGRL2	83699	NM_031469	hsa-miR-135b-5p	hsa-miR-31-5p	
ZIC4	84107	NM_032153	hsa-miR-135b-5p	hsa-miR-31-5p	
LCOR	84458	NM_032440	hsa-miR-135b-5p	hsa-miR-31-5p	
DTNA	1837	NM_032975	hsa-miR-135b-5p	hsa-miR-31-5p	
SP1	6667	NM_138473	hsa-miR-135b-5p	hsa-miR-31-5p	
VANGL1	81839	NM_138959	hsa-miR-135b-5p	hsa-miR-31-5p	
SLFN13	146857	NM_144682	hsa-miR-135b-5p	hsa-miR-31-5p	
CTSC	1075	NM_148170	hsa-miR-135b-5p	hsa-miR-31-5p	
SPRED1	161742	NM_152594	hsa-miR-135b-5p	hsa-miR-31-5p	
ZNF555	148254	NM_152791	hsa-miR-187-3p	hsa-miR-31-5p	
CACUL1	143384	NM_153810	hsa-miR-135b-5p	hsa-miR-31-5p	
RASAL2	9462	NM_170692	hsa-miR-31-5p	hsa-miR-187-3p	
CLCN3	1182	NM_173872	hsa-miR-135b-5p	hsa-miR-31-5p	
CCDC50	152137	NM_178335	hsa-miR-135b-5p	hsa-miR-31-5p	
MED22	6837	NM_181491	hsa-miR-135b-5p	hsa-miR-31-5p	
CMTM4	146223	NM_181521	hsa-miR-187-3p	hsa-miR-31-5p	
LONRF2	164832	NM_198461	hsa-miR-187-3p	hsa-miR-31-5p	
GAS7	8522	NM_201433	hsa-miR-135b-5p	hsa-miR-187-3p	
SLC23A2	9962	NM_203327	hsa-miR-135b-5p	hsa-miR-31-5p	
QKI	9444	NM_206855	hsa-miR-135b-5p	hsa-miR-31-5p	
PPP1R12B	4660	XM_005245201	hsa-miR-135b-5p	hsa-miR-31-5p	
NAV1	89796	XM_005245572	hsa-miR-187-3p	hsa-miR-31-5p	
EPB41	2035	XM_005245753	hsa-miR-135b-5p	hsa-miR-31-5p	
ERBB4	2066	XM_005246375	hsa-miR-135b-5p	hsa-miR-31-5p	
ITGAV	3685	XM_005246536	hsa-miR-135b-5p	hsa-miR-31-5p	
ATP8A1	10396	XM_005248043	hsa-miR-135b-5p	hsa-miR-31-5p	
PDZD2	23037	XM_005248269	hsa-miR-135b-5p	hsa-miR-31-5p	
OTUD6B	51633	XM_005250970	hsa-miR-135b-5p	hsa-miR-31-5p	
PIP4K2A	5305	XM_005252470	hsa-miR-135b-5p	hsa-miR-31-5p	
CELF1	10658	XM_005252758	hsa-miR-187-3p	hsa-miR-31-5p	
PIK3C2A	5286	XM_005252978	hsa-miR-135b-5p	hsa-miR-31-5p	

Gene	EntrezID	RefseqID	miR number 1	miR number 2	miR number 3
RIMKLB	57494	XM_005253436	hsa-miR-187-3p	hsa-miR-31-5p	
KCNA6	3742	XM_005253686	hsa-miR-135b-5p	hsa-miR-31-5p	
TLN2	83660	XM_005254709	hsa-miR-135b-5p	hsa-miR-31-5p	
PDPK1	5170	XM_005255356	hsa-miR-135b-5p	hsa-miR-31-5p	
CRAMP1L	57585	XM_005255459	hsa-miR-135b-5p	hsa-miR-31-5p	
PHOSPHO	162466	XM_005257107	hsa-miR-135b-5p	hsa-miR-31-5p	
SSH2	85464	XM_005258058	hsa-miR-135b-5p	hsa-miR-31-5p	
SSH2	85464	XM_005258059	hsa-miR-135b-5p	hsa-miR-31-5p	
AQP4	361	XM_005258257	hsa-miR-187-3p	hsa-miR-31-5p	
ZHX3	23051	XM_005260343	hsa-miR-135b-5p	hsa-miR-31-5p	
TNRC6B	23112	XM_005261393	hsa-miR-31-5p	hsa-miR-187-3p	
RBFOX2	23543	XM_005261428	hsa-miR-135b-5p	hsa-miR-31-5p	
AFF1	4299	XM_005263009	hsa-miR-135b-5p	hsa-miR-31-5p	
AFF1	4299	XM_005263010	hsa-miR-135b-5p	hsa-miR-31-5p	
RAB11FIP5	26056	XM_005264252	hsa-miR-187-3p	hsa-miR-31-5p	
CLIP4	79745	XM_005264561	hsa-miR-135b-5p	hsa-miR-31-5p	
SERTAD2	9792	XM_005264669	hsa-miR-135b-5p	hsa-miR-31-5p	
ATP2B2	491	XM_005265179	hsa-miR-135b-5p	hsa-miR-31-5p	
EIF2S1	1965	XM_005267390	hsa-miR-135b-5p	hsa-miR-187-3p	
FLRT2	23768	XM_005267490	hsa-miR-135b-5p	hsa-miR-187-3p	
SH3PXD2A	9644	XM_005270294	hsa-miR-135b-5p	hsa-miR-31-5p	
APC	324	XM_005271975	hsa-miR-135b-5p	hsa-miR-31-5p	
DDX3X	1654	XM_005272592	hsa-miR-135b-5p	hsa-miR-31-5p	
AR	367	NM_000044	hsa-miR-135b-5p	hsa-miR-31-5p	

Supplementary Table 6. Predicted mRNA targets of differentially expressed microRNAs that are increased in both neosquamous and Barrett's mucosa relative to normal squamous mucosa.

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
ENTPD1	953	NM_001776	hsa-miR-135a-5p	hsa-miR-136-3p	hsa-miR-214-5p	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p
PPARA	5465	NM_005036	hsa-miR-135a-5p	hsa-miR-136-3p	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-223-5p	hsa-miR-424-5p	
ZNF84	7637	XM_005266185	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p	
TAP2	6891	NM_000544	hsa-miR-135a-5p	hsa-miR-136-3p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p		
LDLRAD4	753	NM_001003674	hsa-miR-135a-5p	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p		
CACNB4	785	NM_001005747	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-409-3p		
ZBTB10	65986	NM_001105539	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p		
ACOX1	51	NM_001185039	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p		
POU2F1	5451	NM_001198783	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p		
SOX11	6664	NM_003108	hsa-miR-127-3p	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-376c-3p		
SLC1A2	6506	NM_004171	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-424-5p		
ONECUT2	9480	NM_004852	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p		
SNTB2	6645	NM_006750	hsa-miR-135a-5p	hsa-miR-136-3p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p		
SLC35D1	23169	NM_015139	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p		
RAB22A	57403	NM_020673	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-409-3p		
ING5	84289	NM_032329	hsa-miR-127-3p	hsa-miR-136-3p	hsa-miR-214-5p	hsa-miR-376c-3p	hsa-miR-424-5p		
PPARGC1B	133522	NM_133263	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-424-5p		
ZNF704	619279	XM_005251279	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-409-3p	hsa-miR-424-5p		
MRPS25	64432	XM_005265401	hsa-miR-127-3p	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-424-5p		

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
IGF1R	3480	NM_000875	hsa-miR-214-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p			
PGR	5241	NM_000926	hsa-miR-135a-5p	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-409-3p			
KIAA2018	205717	NM_001009899	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-409-3p			
SLC4A8	9498	NM_001039960	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-376c-3p	hsa-miR-424-5p			
UBXN2B	137886	NM_001077619	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-409-3p			
TMEM170B	100113407	NM_001100829	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-409-3p			
MPPED2	744	NM_001145399	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-376c-3p	hsa-miR-409-3p			
CFLAR	8837	NM_001202519	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-409-3p			
BMPR2	659	NM_001204	hsa-miR-135a-5p	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-409-3p			
CLOCK	9575	NM_001267843	hsa-miR-199a-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p			
ORAI2	80228	NM_001271818	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-376c-3p	hsa-miR-424-5p			
CPD	1362	NM_001304	hsa-miR-135a-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p			
AFF2	2334	NM_002025	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-223-5p	hsa-miR-409-3p			
PLAG1	5324	NM_002655	hsa-miR-135a-5p	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-424-5p			
PRKCA	5578	NM_002737	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-223-5p	hsa-miR-409-3p			
PTPN4	5775	NM_002830	hsa-miR-135a-5p	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-424-5p			
PVRL1	5818	NM_002855	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-424-5p			
SNX1	6642	NM_003099	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-409-3p	hsa-miR-424-5p			
SSR1	6745	NM_003144	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p			
SEC62	7095	NM_003262	hsa-miR-135a-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p			
KLF7	8609	NM_003709	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-424-5p			

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
CDS2	8760	NM_003818	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-424-5p			
SEMA5A	9037	NM_003966	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p			
MAP3K13	9175	NM_004721	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-409-3p			
KIF3B	9371	NM_004798	hsa-miR-127-3p	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-424-5p			
GFRA1	2674	NM_005264	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-223-5p	hsa-miR-409-3p			
PFKFB2	5208	NM_006212	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-376c-3p	hsa-miR-409-3p			
ZNF81	347344	NM_007137	hsa-miR-199a-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p			
SLC7A11	23657	NM_014331	hsa-miR-136-3p	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-376c-3p			
SOX6	55553	NM_017508	hsa-miR-199a-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p			
STRBP	55342	NM_018387	hsa-miR-135a-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p			
CHST11	50515	NM_018413	hsa-miR-135a-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p			
TEAD1	7003	NM_021961	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p			
CYBRD1	79901	NM_024843	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-223-5p	hsa-miR-424-5p			
CDC14B	8555	NM_033331	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-424-5p			
RFX3	5991	NM_134428	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-409-3p	hsa-miR-424-5p			
PGM2L1	283209	NM_173582	hsa-miR-135a-5p	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p			
ZNF776	284309	NM_173632	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-409-3p			
YIPF6	286451	NM_173834	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-223-5p	hsa-miR-424-5p			
MED22	6837	NM_181491	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-424-5p			
QKI	9444	NM_206855	hsa-miR-135a-5p	hsa-miR-223-5p	hsa-miR-409-3p	hsa-miR-424-5p			
PPP1R12B	4660	XM_005245201	hsa-miR-135a-5p	hsa-miR-223-5p	hsa-miR-409-3p	hsa-miR-424-5p			

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
BTBD9	114781	XM_005248841	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-424-5p			
TNRC6B	23112	XM_005261393	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-409-3p	hsa-miR-424-5p			
ATP7A	538	XM_005262147	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-409-3p	hsa-miR-424-5p			
PAX8	7849	XM_005263758	hsa-miR-127-3p	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-424-5p			
ATP2B2	491	XM_005265179	hsa-miR-135a-5p	hsa-miR-136-3p	hsa-miR-199a-5p	hsa-miR-424-5p			
SH3PXD2A	9644	XM_005270294	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-409-3p			
RPS6KA3	6197	XM_005274574	hsa-miR-135a-5p	hsa-miR-223-5p	hsa-miR-409-3p	hsa-miR-424-5p			
ATP7A	538	XM_005277809	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-409-3p	hsa-miR-424-5p			
MTR	4548	NM_000254	hsa-miR-135a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
MYO5A	4644	NM_000259	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
SGCD	6444	NM_000337	hsa-miR-199a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
TPMT	7172	NM_000367	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-223-5p				
PHEX	5251	NM_000444	hsa-miR-135a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
DCX	1641	NM_000555	hsa-miR-199a-5p	hsa-miR-376c-3p	hsa-miR-424-5p				
GRIK3	2899	NM_000831	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-424-5p				
ATP2B4	493	NM_001001396	hsa-miR-135a-5p	hsa-miR-223-5p	hsa-miR-376c-3p				
RAB11FIP1	80223	NM_001002814	hsa-miR-199a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
IRGQ	126298	NM_001007561	hsa-miR-214-5p	hsa-miR-376c-3p	hsa-miR-409-3p				
IBA57	200205	NM_001010867	hsa-miR-199a-5p	hsa-miR-376c-3p	hsa-miR-424-5p				
NCMAP	400746	NM_001010980	hsa-miR-135a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
TFAP2A	7020	NM_001032280	hsa-miR-223-5p	hsa-miR-409-3p	hsa-miR-424-5p				

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
CEP85L	387119	NM_001042475	hsa-miR-135a-5p	hsa-miR-223-5p	hsa-miR-424-5p				
KDM5A	5927	NM_001042603	hsa-miR-135a-5p	hsa-miR-136-3p	hsa-miR-223-5p				
SLC35E2B	728661	NM_001110781	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
CBX5	23468	NM_001127322	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-223-5p				
VPS53	55275	NM_001128159	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-214-5p				
AFAP1	60312	NM_001134647	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
C22orf46	79640	NM_001142964	hsa-miR-214-5p	hsa-miR-223-5p	hsa-miR-409-3p				
CDK6	1021	NM_001145306	hsa-miR-214-5p	hsa-miR-409-3p	hsa-miR-424-5p				
SH3BP2	6452	NM_001145855	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-424-5p				
DISC1	27185	NM_001164537	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-214-5p				
IL16	3603	NM_001172128	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-409-3p				
TFDP2	7029	NM_001178138	hsa-miR-127-3p	hsa-miR-135a-5p	hsa-miR-424-5p				
CD84	8832	NM_001184879	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-223-5p				
TOR1AIP2	163590	NM_001199260	hsa-miR-136-3p	hsa-miR-214-5p	hsa-miR-409-3p				
ADCYAP1R1	117	NM_001199635	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-424-5p				
RNF213	57674	NM_001256071	hsa-miR-135a-5p	hsa-miR-136-3p	hsa-miR-214-5p				
KLHL3	26249	NM_001257194	hsa-miR-199a-5p	hsa-miR-376c-3p	hsa-miR-424-5p				
SLC9A8	23315	NM_001260491	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
RPS6KB1	6198	NM_001272044	hsa-miR-135a-5p	hsa-miR-376c-3p	hsa-miR-424-5p				
LZTFL1	54585	NM_001276378	hsa-miR-214-5p	hsa-miR-376c-3p	hsa-miR-424-5p				
SMC1A	8243	NM_001281463	hsa-miR-127-3p	hsa-miR-135a-5p	hsa-miR-214-5p				

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
ELAVL1	1994	NM_001419	hsa-miR-199a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
ACADSB	36	NM_001609	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-409-3p				
ATP6V1C1	528	NM_001695	hsa-miR-135a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
CCND2	894	NM_001759	hsa-miR-135a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
MASP1	5648	NM_001879	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
DRP2	1821	NM_001939	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-424-5p				
MDM4	4194	NM_002393	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-424-5p				
PMP2	5375	NM_002677	hsa-miR-214-5p	hsa-miR-223-5p	hsa-miR-409-3p				
PTPRJ	5795	NM_002843	hsa-miR-199a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
RAB3B	5865	NM_002867	hsa-miR-136-3p	hsa-miR-223-5p	hsa-miR-424-5p				
RAD23B	5887	NM_002874	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
ITSN1	6453	NM_003024	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-214-5p				
SP3	6670	NM_003111	hsa-miR-135a-5p	hsa-miR-223-5p	hsa-miR-409-3p				
TUB	7275	NM_003320	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-214-5p				
UBE2H	7328	NM_003344	hsa-miR-135a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
ZIC1	7545	NM_003412	hsa-miR-199a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
MFAP5	8076	NM_003480	hsa-miR-135a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
EFNB2	1948	NM_004093	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-424-5p				
RAB27B	5874	NM_004163	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-214-5p				
STX3	6809	NM_004177	hsa-miR-136-3p	hsa-miR-199a-5p	hsa-miR-424-5p				
DUSP8	1850	NM_004420	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-424-5p				

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
SYNGR1	9145	NM_004711	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
VAPB	9217	NM_004738	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
RELN	5649	NM_005045	hsa-miR-135a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
PDCL	5082	NM_005388	hsa-miR-135a-5p	hsa-miR-223-5p	hsa-miR-424-5p				
EVI5	7813	NM_005665	hsa-miR-135a-5p	hsa-miR-223-5p	hsa-miR-424-5p				
GOLGA3	2802	NM_005895	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-376c-3p				
PRKAA2	5563	NM_006252	hsa-miR-214-5p	hsa-miR-376c-3p	hsa-miR-409-3p				
SLC5A3	6526	NM_006933	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-424-5p				
ADAMTS5	11096	NM_007038	hsa-miR-223-5p	hsa-miR-409-3p	hsa-miR-424-5p				
ABL2	27	NM_007314	hsa-miR-223-5p	hsa-miR-409-3p	hsa-miR-424-5p				
MGAT4A	11320	NM_012214	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-424-5p				
ATP6V0A2	23545	NM_012463	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p				
TFCP2L1	29842	NM_014553	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
RNF144A	9781	NM_014746	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
NUAK1	9891	NM_014840	hsa-miR-135a-5p	hsa-miR-376c-3p	hsa-miR-424-5p				
ZNF609	23060	NM_015042	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-424-5p				
CEP68	23177	NM_015147	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
KIAA1024	23251	NM_015206	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-409-3p				
KIAA1045	23349	NM_015297	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
RIMBP2	23504	NM_015347	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-424-5p				
PTCD1	26024	NM_015545	hsa-miR-136-3p	hsa-miR-214-5p	hsa-miR-409-3p				

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
PHF19	26147	NM_015651	hsa-miR-135a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
ST8SIA3	51046	NM_015879	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
PHF20	51230	NM_016436	hsa-miR-223-5p	hsa-miR-376c-3p	hsa-miR-424-5p				
PGPEP1	54858	NM_017712	hsa-miR-127-3p	hsa-miR-135a-5p	hsa-miR-214-5p				
WBP1L	54838	NM_017787	hsa-miR-136-3p	hsa-miR-214-5p	hsa-miR-424-5p				
IPO9	55705	NM_018085	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p				
IMPACT	55364	NM_018439	hsa-miR-214-5p	hsa-miR-376c-3p	hsa-miR-409-3p				
LYRM2	57226	NM_020466	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-409-3p				
USP31	57478	NM_020718	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-424-5p				
NUFIP2	57532	NM_020772	hsa-miR-223-5p	hsa-miR-409-3p	hsa-miR-424-5p				
ADCY1	107	NM_021116	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
BACH2	60468	NM_021813	hsa-miR-199a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
CSNK1G1	53944	NM_022048	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-409-3p				
DGCR14	8220	NM_022719	hsa-miR-136-3p	hsa-miR-214-5p	hsa-miR-424-5p				
HIPK2	28996	NM_022740	hsa-miR-199a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
C6orf106	64771	NM_024294	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
C22orf29	79680	NM_024627	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
THSD4	79875	NM_024817	hsa-miR-135a-5p	hsa-miR-136-3p	hsa-miR-424-5p				
PLXNA2	5362	NM_025179	hsa-miR-127-3p	hsa-miR-135a-5p	hsa-miR-199a-5p				
C1orf21	81563	NM_030806	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-409-3p				
CACNG8	59283	NM_031895	hsa-miR-214-5p	hsa-miR-223-5p	hsa-miR-424-5p				

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
LRRRC8C	84230	NM_032270	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-376c-3p				
CDHR1	92211	NM_033100	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-409-3p				
KRAS	3845	NM_033360	hsa-miR-199a-5p	hsa-miR-376c-3p	hsa-miR-424-5p				
PALM2	114299	NM_053016	hsa-miR-214-5p	hsa-miR-223-5p	hsa-miR-409-3p				
MYLK	4638	NM_053025	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p				
STK35	140901	NM_080836	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
RORA	6095	NM_134260	hsa-miR-135a-5p	hsa-miR-136-3p	hsa-miR-409-3p				
VANGL1	81839	NM_138959	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-409-3p				
ZDHHC15	158866	NM_144969	hsa-miR-135a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
CTSC	1075	NM_148170	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-424-5p				
DOK6	220164	NM_152721	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-376c-3p				
CACUL1	143384	NM_153810	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-214-5p				
RASAL2	9462	NM_170692	hsa-miR-135a-5p	hsa-miR-223-5p	hsa-miR-424-5p				
IFNLR1	163702	NM_170743	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
CTAGE1	64693	NM_172241	hsa-miR-199a-5p	hsa-miR-376c-3p	hsa-miR-424-5p				
GABRG1	2565	NM_173536	hsa-miR-135a-5p	hsa-miR-223-5p	hsa-miR-376c-3p				
CLCN3	1182	NM_173872	hsa-miR-135a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
CCDC50	152137	NM_178335	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-424-5p				
PIK3R1	5295	NM_181523	hsa-miR-199a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
UBE2D3	7323	NM_181892	hsa-miR-135a-5p	hsa-miR-223-5p	hsa-miR-409-3p				
GNAL	2774	NM_182978	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-424-5p				

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
GAS7	8522	NM_201433	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
NFASC	23114	XM_005244973	hsa-miR-214-5p	hsa-miR-409-3p	hsa-miR-424-5p				
QSOX1	5768	XM_005245375	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
ERBB4	2066	XM_005246375	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-409-3p				
IKZF2	22807	XM_005246383	hsa-miR-135a-5p	hsa-miR-376c-3p	hsa-miR-424-5p				
WHSC1	7468	XM_005248004	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
RGS7BP	401190	XM_005248503	hsa-miR-214-5p	hsa-miR-223-5p	hsa-miR-409-3p				
SCUBE3	222663	XM_005248943	hsa-miR-135a-5p	hsa-miR-223-5p	hsa-miR-424-5p				
NTRK2	4915	XM_005252001	hsa-miR-135a-5p	hsa-miR-223-5p	hsa-miR-424-5p				
RC3H2	54542	XM_005252056	hsa-miR-135a-5p	hsa-miR-376c-3p	hsa-miR-409-3p				
RORB	6096	XM_005252129	hsa-miR-376c-3p	hsa-miR-409-3p	hsa-miR-424-5p				
KCTD10	83892	XM_005253945	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-214-5p				
SMAD3	4088	XM_005254383	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-424-5p				
BMF	90427	XM_005254758	hsa-miR-214-5p	hsa-miR-409-3p	hsa-miR-424-5p				
MCTP2	55784	XM_005254956	hsa-miR-199a-5p	hsa-miR-223-5p	hsa-miR-424-5p				
PDPK1	5170	XM_005255356	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
GSE1	23199	XM_005255859	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-424-5p				
KIAA0513	9764	XM_005256265	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-409-3p				
SCN4A	6329	XM_005257566	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
ZHX3	23051	XM_005260343	hsa-miR-135a-5p	hsa-miR-136-3p	hsa-miR-424-5p				
MTHFR	4524	XM_005263459	hsa-miR-127-3p	hsa-miR-223-5p	hsa-miR-424-5p				

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
H6PD	9563	XM_005263539	hsa-miR-199a-5p	hsa-miR-376c-3p	hsa-miR-424-5p				
CPLX2	10814	XM_005265800	hsa-miR-135a-5p	hsa-miR-214-5p	hsa-miR-376c-3p				
KLF12	11278	XM_005266251	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-409-3p				
AMER2	219287	XM_005266279	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-223-5p				
UTRN	7402	XM_005267129	hsa-miR-135a-5p	hsa-miR-376c-3p	hsa-miR-424-5p				
PPM1A	5494	XM_005267777	hsa-miR-135a-5p	hsa-miR-409-3p	hsa-miR-424-5p				
STK32A	202374	XM_005268385	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-214-5p				
ARHGAP26	23092	XM_005268398	hsa-miR-199a-5p	hsa-miR-376c-3p	hsa-miR-424-5p				
RPS14	6208	XM_005268495	hsa-miR-214-5p	hsa-miR-409-3p	hsa-miR-424-5p				
ATF7	11016	XM_005268586	hsa-miR-223-5p	hsa-miR-409-3p	hsa-miR-424-5p				
HSPA12A	259217	XM_005269672	hsa-miR-135a-5p	hsa-miR-199a-5p	hsa-miR-409-3p				
ZC3H12C	85463	XM_005271715	hsa-miR-223-5p	hsa-miR-409-3p	hsa-miR-424-5p				
GRB10	2887	XM_005271760	hsa-miR-199a-5p	hsa-miR-214-5p	hsa-miR-424-5p				
CYP1B1	1545	NM_000104	hsa-miR-409-3p	hsa-miR-424-5p					
PAX6	5080	NM_000280	hsa-miR-223-5p	hsa-miR-409-3p					
PMM2	5373	NM_000303	hsa-miR-127-3p	hsa-miR-214-5p					
PEX2	5828	NM_000318	hsa-miR-214-5p	hsa-miR-223-5p					
RS1	6247	NM_000330	hsa-miR-214-5p	hsa-miR-223-5p					
ATXN1	6310	NM_000332	hsa-miR-135a-5p	hsa-miR-376c-3p					
TIMP3	7078	NM_000362	hsa-miR-135a-5p	hsa-miR-223-5p					
MID1	4281	NM_000381	hsa-miR-135a-5p	hsa-miR-214-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
IL2RA	3559	NM_000417	hsa-miR-409-3p	hsa-miR-424-5p					
PAFAH1B1	5048	NM_000430	hsa-miR-199a-5p	hsa-miR-424-5p					
RHO	6010	NM_000539	hsa-miR-135a-5p	hsa-miR-199a-5p					
SFTPB	6439	NM_000542	hsa-miR-223-5p	hsa-miR-424-5p					
IL6R	3570	NM_000565	hsa-miR-376c-3p	hsa-miR-424-5p					
CD44	960	NM_000610	hsa-miR-214-5p	hsa-miR-409-3p					
IFNAR1	3454	NM_000629	hsa-miR-199a-5p	hsa-miR-424-5p					
BCL2	596	NM_000633	hsa-miR-135a-5p	hsa-miR-199a-5p					
ABAT	18	NM_000663	hsa-miR-135a-5p	hsa-miR-214-5p					
CHRNA2	1141	NM_000748	hsa-miR-214-5p	hsa-miR-424-5p					
GUCY1A3	2982	NM_000856	hsa-miR-135a-5p	hsa-miR-409-3p					
IGF2R	3482	NM_000876	hsa-miR-136-3p	hsa-miR-424-5p					
IL2RB	3560	NM_000878	hsa-miR-409-3p	hsa-miR-424-5p					
PRLR	5618	NM_000949	hsa-miR-135a-5p	hsa-miR-424-5p					
RARB	5915	NM_000965	hsa-miR-135a-5p	hsa-miR-424-5p					
SMAD5	4090	NM_001001419	hsa-miR-135a-5p	hsa-miR-136-3p					
SPOPL	339745	NM_001001664	hsa-miR-223-5p	hsa-miR-376c-3p					
CYP27C1	339761	NM_001001665	hsa-miR-214-5p	hsa-miR-409-3p					
C9orf170	401535	NM_001001709	hsa-miR-214-5p	hsa-miR-424-5p					
SMAD2	4087	NM_001003652	hsa-miR-135a-5p	hsa-miR-409-3p					
C1orf95	375057	NM_001003665	hsa-miR-199a-5p	hsa-miR-214-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
SLC6A19	340024	NM_001003841	hsa-miR-199a-5p	hsa-miR-409-3p					
AK4	205	NM_001005353	hsa-miR-135a-5p	hsa-miR-424-5p					
PLCXD3	345557	NM_001005473	hsa-miR-199a-5p	hsa-miR-424-5p					
ZNF780B	163131	NM_001005851	hsa-miR-376c-3p	hsa-miR-424-5p					
WDR35	57539	NM_001006657	hsa-miR-214-5p	hsa-miR-223-5p					
C4orf46	201725	NM_001008393	hsa-miR-135a-5p	hsa-miR-409-3p					
KIAA2022	340533	NM_001008537	hsa-miR-409-3p	hsa-miR-424-5p					
SLC7A2	6542	NM_001008539	hsa-miR-135a-5p	hsa-miR-409-3p					
PM20D2	135293	NM_001010853	hsa-miR-223-5p	hsa-miR-409-3p					
BIRC5	332	NM_001012271	hsa-miR-135a-5p	hsa-miR-424-5p					
MYLK4	340156	NM_001012418	hsa-miR-409-3p	hsa-miR-424-5p					
FOXP4	116113	NM_001012426	hsa-miR-376c-3p	hsa-miR-424-5p					
GRAMD2	196996	NM_001012642	hsa-miR-199a-5p	hsa-miR-424-5p					
RFFL	117584	NM_001017368	hsa-miR-199a-5p	hsa-miR-424-5p					
CALN1	83698	NM_001017440	hsa-miR-135a-5p	hsa-miR-199a-5p					
RPS23	6228	NM_001025	hsa-miR-214-5p	hsa-miR-223-5p					
SLC35F1	222553	NM_001029858	hsa-miR-135a-5p	hsa-miR-223-5p					
SFMBT2	57713	NM_001029880	hsa-miR-199a-5p	hsa-miR-424-5p					
MAF	4094	NM_001031804	hsa-miR-135a-5p	hsa-miR-214-5p					
STK24	8428	NM_001032296	hsa-miR-214-5p	hsa-miR-424-5p					
ITPRIPL2	162073	NM_001034841	hsa-miR-135a-5p	hsa-miR-199a-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
FO XK1	221937	NM_001037165	hsa-miR-199a-5p	hsa-miR-424-5p					
TMPPE	643853	NM_001039770	hsa-miR-214-5p	hsa-miR-424-5p					
PEG10	23089	NM_001040152	hsa-miR-409-3p	hsa-miR-424-5p					
ATF3	467	NM_001040619	hsa-miR-135a-5p	hsa-miR-199a-5p					
FAM228A	653140	NM_001040710	hsa-miR-214-5p	hsa-miR-424-5p					
SLC12A2	6558	NM_001046	hsa-miR-409-3p	hsa-miR-424-5p					
GRIA4	2893	NM_001077243	hsa-miR-135a-5p	hsa-miR-199a-5p					
WIPF1	7456	NM_001077269	hsa-miR-135a-5p	hsa-miR-223-5p					
MYBL1	4603	NM_001080416	hsa-miR-376c-3p	hsa-miR-424-5p					
BEND3	57673	NM_001080450	hsa-miR-199a-5p	hsa-miR-214-5p					
CACTIN	58509	NM_001080543	hsa-miR-199a-5p	hsa-miR-214-5p					
TMEM120B	144404	NM_001080825	hsa-miR-199a-5p	hsa-miR-409-3p					
CRTC1	23373	NM_001098482	hsa-miR-199a-5p	hsa-miR-424-5p					
PRKG1	5592	NM_001098512	hsa-miR-409-3p	hsa-miR-424-5p					
HEPHL1	341208	NM_001098672	hsa-miR-223-5p	hsa-miR-424-5p					
TMEM236	653567	NM_001098844	hsa-miR-135a-5p	hsa-miR-376c-3p					
XRCC3	7517	NM_001100119	hsa-miR-127-3p	hsa-miR-214-5p					
PHACTR2	9749	NM_001100164	hsa-miR-223-5p	hsa-miR-424-5p					
SAMD12	401474	NM_001101676	hsa-miR-223-5p	hsa-miR-409-3p					
ZFAND5	7763	NM_001102420	hsa-miR-135a-5p	hsa-miR-223-5p					
PAQR5	54852	NM_001104554	hsa-miR-214-5p	hsa-miR-409-3p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
FAM118A	55007	NM_001104595	hsa-miR-214-5p	hsa-miR-409-3p					
FBXO45	200933	NM_001105573	hsa-miR-135a-5p	hsa-miR-214-5p					
PTPRB	5787	NM_001109754	hsa-miR-376c-3p	hsa-miR-409-3p					
IGF1	3479	NM_001111283	hsa-miR-223-5p	hsa-miR-409-3p					
C17orf51	339263	NM_001113434	hsa-miR-199a-5p	hsa-miR-424-5p					
DDX3Y	8653	NM_001122665	hsa-miR-199a-5p	hsa-miR-424-5p					
MAPT	4137	NM_001123066	hsa-miR-136-3p	hsa-miR-214-5p					
SALL1	6299	NM_001127892	hsa-miR-409-3p	hsa-miR-424-5p					
CLCN5	1184	NM_001127899	hsa-miR-135a-5p	hsa-miR-424-5p					
SULF1	23213	NM_001128205	hsa-miR-199a-5p	hsa-miR-409-3p					
SYNPO2	171024	NM_001128933	hsa-miR-135a-5p	hsa-miR-409-3p					
MYB	4602	NM_001130173	hsa-miR-376c-3p	hsa-miR-424-5p					
NDRG4	65009	NM_001130487	hsa-miR-135a-5p	hsa-miR-424-5p					
INPP4A	3631	NM_001134224	hsa-miR-135a-5p	hsa-miR-424-5p					
RBM20	282996	NM_001134363	hsa-miR-214-5p	hsa-miR-424-5p					
CYB561D1	284613	NM_001134404	hsa-miR-127-3p	hsa-miR-424-5p					
TBCCD1	55171	NM_001134415	hsa-miR-199a-5p	hsa-miR-424-5p					
NFIA	4774	NM_001134673	hsa-miR-223-5p	hsa-miR-409-3p					
LRRC15	131578	NM_001135057	hsa-miR-135a-5p	hsa-miR-199a-5p					
TGFB2	7042	NM_001135599	hsa-miR-136-3p	hsa-miR-376c-3p					
ATP1B4	23439	NM_001142447	hsa-miR-409-3p	hsa-miR-424-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
BBX	56987	NM_001142568	hsa-miR-135a-5p	hsa-miR-409-3p					
TNRC6C	57690	NM_001142640	hsa-miR-199a-5p	hsa-miR-424-5p					
LRRC27	80313	NM_001143757	hsa-miR-135a-5p	hsa-miR-424-5p					
SHISA9	729993	NM_001145204	hsa-miR-136-3p	hsa-miR-214-5p					
MKLN1	4289	NM_001145354	hsa-miR-214-5p	hsa-miR-409-3p					
PTPN3	5774	NM_001145369	hsa-miR-135a-5p	hsa-miR-424-5p					
KIAA0226	9711	NM_001145642	hsa-miR-135a-5p	hsa-miR-424-5p					
FKBP5	2289	NM_001145777	hsa-miR-199a-5p	hsa-miR-223-5p					
WWC1	23286	NM_001161661	hsa-miR-214-5p	hsa-miR-424-5p					
VSIG10L	147645	NM_001163922	hsa-miR-214-5p	hsa-miR-424-5p					
C10orf105	414152	NM_001164375	hsa-miR-214-5p	hsa-miR-424-5p					
STAU2	27067	NM_001164384	hsa-miR-135a-5p	hsa-miR-409-3p					
IYD	389434	NM_001164694	hsa-miR-199a-5p	hsa-miR-424-5p					
RASSF8	11228	NM_001164746	hsa-miR-135a-5p	hsa-miR-424-5p					
FAM104B	90736	NM_001166703	hsa-miR-135a-5p	hsa-miR-376c-3p					
CAAP1	79886	NM_001167575	hsa-miR-135a-5p	hsa-miR-424-5p					
ITPR1	3708	NM_001168272	hsa-miR-409-3p	hsa-miR-424-5p					
SLC6A2	6530	NM_001172501	hsa-miR-214-5p	hsa-miR-424-5p					
PRRG1	5638	NM_001173489	hsa-miR-214-5p	hsa-miR-424-5p					
FGFR1	2260	NM_001174064	hsa-miR-376c-3p	hsa-miR-424-5p					
KLF11	8462	NM_001177718	hsa-miR-135a-5p	hsa-miR-376c-3p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
ZFX	7543	NM_001178085	hsa-miR-409-3p	hsa-miR-424-5p					
ALDH7A1	501	NM_001182	hsa-miR-199a-5p	hsa-miR-424-5p					
PEG10	23089	NM_001184961	hsa-miR-409-3p	hsa-miR-424-5p					
PEG10	23089	NM_001184962	hsa-miR-409-3p	hsa-miR-424-5p					
ALS2CL	259173	NM_001190707	hsa-miR-214-5p	hsa-miR-424-5p					
RUNX1T1	862	NM_001198625	hsa-miR-199a-5p	hsa-miR-424-5p					
PI4KB	5298	NM_001198773	hsa-miR-199a-5p	hsa-miR-424-5p					
CDIP1	29965	NM_001199054	hsa-miR-199a-5p	hsa-miR-214-5p					
TBC1D24	57465	NM_001199107	hsa-miR-409-3p	hsa-miR-424-5p					
PDK2	5164	NM_001199898	hsa-miR-135a-5p	hsa-miR-199a-5p					
ALDH7A1	501	NM_001201377	hsa-miR-199a-5p	hsa-miR-424-5p					
ZNF559-ZNF177	100529215	NM_001202425	hsa-miR-199a-5p	hsa-miR-424-5p					
NCR3LG1	374383	NM_001202439	hsa-miR-135a-5p	hsa-miR-199a-5p					
ANKRD12	23253	NM_001204056	hsa-miR-223-5p	hsa-miR-424-5p					
BCL2L11	10018	NM_001204108	hsa-miR-199a-5p	hsa-miR-424-5p					
NOS1	4842	NM_001204218	hsa-miR-135a-5p	hsa-miR-424-5p					
MAPKAPK3	7867	NM_001243926	hsa-miR-127-3p	hsa-miR-199a-5p					
CD40	958	NM_001250	hsa-miR-135a-5p	hsa-miR-424-5p					
USP15	9958	NM_001252078	hsa-miR-135a-5p	hsa-miR-424-5p					
THRB	7068	NM_001252634	hsa-miR-135a-5p	hsa-miR-409-3p					
RGS5	8490	NM_001254749	hsa-miR-135a-5p	hsa-miR-424-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
CERS6	253782	NM_001256126	hsa-miR-376c-3p	hsa-miR-424-5p					
TRIM46	80128	NM_001256599	hsa-miR-199a-5p	hsa-miR-214-5p					
ANKFY1	51479	NM_001257999	hsa-miR-199a-5p	hsa-miR-409-3p					
TP53I11	9537	NM_001258320	hsa-miR-135a-5p	hsa-miR-199a-5p					
RXRB	6257	NM_001270401	hsa-miR-199a-5p	hsa-miR-214-5p					
PSMD11	5717	NM_001270482	hsa-miR-135a-5p	hsa-miR-424-5p					
SLIT3	6586	NM_001271946	hsa-miR-135a-5p	hsa-miR-214-5p					
ZNF468	90333	NM_001277120	hsa-miR-135a-5p	hsa-miR-199a-5p					
ZNF33A	7581	NM_001278171	hsa-miR-376c-3p	hsa-miR-409-3p					
WIPI2	26100	NM_001278299	hsa-miR-199a-5p	hsa-miR-424-5p					
MPP2	4355	NM_001278381	hsa-miR-376c-3p	hsa-miR-424-5p					
GABRB3	2562	NM_001278631	hsa-miR-214-5p	hsa-miR-223-5p					
EMP2	2013	NM_001424	hsa-miR-214-5p	hsa-miR-409-3p					
EXTL3	2137	NM_001440	hsa-miR-199a-5p	hsa-miR-424-5p					
IL10RA	3587	NM_001558	hsa-miR-214-5p	hsa-miR-424-5p					
ACP2	53	NM_001610	hsa-miR-199a-5p	hsa-miR-424-5p					
CEACAM1	634	NM_001712	hsa-miR-214-5p	hsa-miR-223-5p					
CCR7	1236	NM_001838	hsa-miR-199a-5p	hsa-miR-409-3p					
DSG3	1830	NM_001944	hsa-miR-135a-5p	hsa-miR-424-5p					
FOXO1	2308	NM_002015	hsa-miR-135a-5p	hsa-miR-424-5p					
FMOD	2331	NM_002023	hsa-miR-135a-5p	hsa-miR-214-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
KDSR	2531	NM_002035	hsa-miR-409-3p	hsa-miR-424-5p					
GRSF1	2926	NM_002092	hsa-miR-409-3p	hsa-miR-424-5p					
HTT	3064	NM_002111	hsa-miR-214-5p	hsa-miR-424-5p					
HLA-DOA	3111	NM_002119	hsa-miR-127-3p	hsa-miR-135a-5p					
HLF	3131	NM_002126	hsa-miR-199a-5p	hsa-miR-223-5p					
KPNA4	3840	NM_002268	hsa-miR-199a-5p	hsa-miR-424-5p					
TNPO1	3842	NM_002270	hsa-miR-135a-5p	hsa-miR-223-5p					
LAMP2	3920	NM_002294	hsa-miR-409-3p	hsa-miR-424-5p					
MXD1	4084	NM_002357	hsa-miR-214-5p	hsa-miR-376c-3p					
MAFK	7975	NM_002360	hsa-miR-127-3p	hsa-miR-214-5p					
MGAT3	4248	NM_002409	hsa-miR-127-3p	hsa-miR-199a-5p					
MN1	4330	NM_002430	hsa-miR-199a-5p	hsa-miR-409-3p					
CEACAM6	4680	NM_002483	hsa-miR-214-5p	hsa-miR-424-5p					
NPTX1	4884	NM_002522	hsa-miR-135a-5p	hsa-miR-199a-5p					
OPHN1	4983	NM_002547	hsa-miR-199a-5p	hsa-miR-424-5p					
PAPPA	5069	NM_002581	hsa-miR-376c-3p	hsa-miR-424-5p					
PDE2A	5138	NM_002599	hsa-miR-135a-5p	hsa-miR-214-5p					
PPL	5493	NM_002705	hsa-miR-214-5p	hsa-miR-424-5p					
PPP2R1B	5519	NM_002716	hsa-miR-135a-5p	hsa-miR-424-5p					
PPP2R2A	5520	NM_002717	hsa-miR-376c-3p	hsa-miR-409-3p					
PRKAR2B	5577	NM_002736	hsa-miR-135a-5p	hsa-miR-214-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
MAPK1	5594	NM_002745	hsa-miR-223-5p	hsa-miR-424-5p					
RDX	5962	NM_002906	hsa-miR-223-5p	hsa-miR-409-3p					
ABCE1	6059	NM_002940	hsa-miR-135a-5p	hsa-miR-409-3p					
SLC6A6	6533	NM_003043	hsa-miR-199a-5p	hsa-miR-409-3p					
SLC7A1	6541	NM_003045	hsa-miR-223-5p	hsa-miR-424-5p					
SLIT1	6585	NM_003061	hsa-miR-199a-5p	hsa-miR-214-5p					
STC1	6781	NM_003155	hsa-miR-136-3p	hsa-miR-409-3p					
SYK	6850	NM_003177	hsa-miR-135a-5p	hsa-miR-199a-5p					
TAF4	6874	NM_003185	hsa-miR-135a-5p	hsa-miR-223-5p					
TAL1	6886	NM_003189	hsa-miR-199a-5p	hsa-miR-409-3p					
TFAM	7019	NM_003201	hsa-miR-135a-5p	hsa-miR-223-5p					
NFE2L1	4779	NM_003204	hsa-miR-199a-5p	hsa-miR-214-5p					
THBS2	7058	NM_003247	hsa-miR-135a-5p	hsa-miR-424-5p					
TMOD1	7111	NM_003275	hsa-miR-199a-5p	hsa-miR-424-5p					
TNR	7143	NM_003285	hsa-miR-199a-5p	hsa-miR-214-5p					
UNG	7374	NM_003362	hsa-miR-199a-5p	hsa-miR-424-5p					
ZMYM2	7750	NM_003453	hsa-miR-214-5p	hsa-miR-424-5p					
HMGA2	8091	NM_003483	hsa-miR-376c-3p	hsa-miR-424-5p					
SLC7A5	8140	NM_003486	hsa-miR-199a-5p	hsa-miR-424-5p					
PIK3R3	8503	NM_003629	hsa-miR-135a-5p	hsa-miR-424-5p					
DGKE	8526	NM_003647	hsa-miR-223-5p	hsa-miR-424-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
AGPS	8540	NM_003659	hsa-miR-135a-5p	hsa-miR-199a-5p					
IRS2	8660	NM_003749	hsa-miR-223-5p	hsa-miR-424-5p					
TNFRSF10B	8795	NM_003842	hsa-miR-376c-3p	hsa-miR-424-5p					
USP13	8975	NM_003940	hsa-miR-135a-5p	hsa-miR-424-5p					
MPZL1	9019	NM_003953	hsa-miR-214-5p	hsa-miR-424-5p					
RNF8	9025	NM_003958	hsa-miR-223-5p	hsa-miR-424-5p					
ASTN1	460	NM_004319	hsa-miR-214-5p	hsa-miR-424-5p					
EPHA5	2044	NM_004439	hsa-miR-376c-3p	hsa-miR-409-3p					
KIF5C	3800	NM_004522	hsa-miR-409-3p	hsa-miR-424-5p					
NDUFA10	4705	NM_004544	hsa-miR-135a-5p	hsa-miR-199a-5p					
SPOCK1	6695	NM_004598	hsa-miR-135a-5p	hsa-miR-223-5p					
TGFBR1	7046	NM_004612	hsa-miR-135a-5p	hsa-miR-376c-3p					
TSN	7247	NM_004622	hsa-miR-199a-5p	hsa-miR-424-5p					
ATG12	9140	NM_004707	hsa-miR-223-5p	hsa-miR-409-3p					
HS6ST1	9394	NM_004807	hsa-miR-135a-5p	hsa-miR-199a-5p					
LITAF	9516	NM_004862	hsa-miR-135a-5p	hsa-miR-424-5p					
CDH6	1004	NM_004932	hsa-miR-135a-5p	hsa-miR-214-5p					
PDE1A	5136	NM_005019	hsa-miR-135a-5p	hsa-miR-223-5p					
PRKX	5613	NM_005044	hsa-miR-199a-5p	hsa-miR-409-3p					
SIM2	6493	NM_005069	hsa-miR-214-5p	hsa-miR-424-5p					
CNTN2	6900	NM_005076	hsa-miR-135a-5p	hsa-miR-214-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
TRIM25	7706	NM_005082	hsa-miR-199a-5p	hsa-miR-214-5p					
DGCR2	9993	NM_005137	hsa-miR-214-5p	hsa-miR-424-5p					
ACTC1	70	NM_005159	hsa-miR-135a-5p	hsa-miR-376c-3p					
SMAD4	4089	NM_005359	hsa-miR-214-5p	hsa-miR-424-5p					
RND2	8153	NM_005440	hsa-miR-135a-5p	hsa-miR-199a-5p					
GABBR2	9568	NM_005458	hsa-miR-199a-5p	hsa-miR-214-5p					
GJC1	10052	NM_005497	hsa-miR-223-5p	hsa-miR-409-3p					
BCAT1	586	NM_005504	hsa-miR-135a-5p	hsa-miR-409-3p					
NHLH2	4808	NM_005599	hsa-miR-127-3p	hsa-miR-199a-5p					
TERF2	7014	NM_005652	hsa-miR-214-5p	hsa-miR-409-3p					
TRAF1	7185	NM_005658	hsa-miR-214-5p	hsa-miR-424-5p					
TSPAN3	10099	NM_005724	hsa-miR-199a-5p	hsa-miR-424-5p					
ARIH1	25820	NM_005744	hsa-miR-135a-5p	hsa-miR-424-5p					
STX6	10228	NM_005819	hsa-miR-135a-5p	hsa-miR-199a-5p					
SPRY3	10251	NM_005840	hsa-miR-409-3p	hsa-miR-424-5p					
ST8SIA2	8128	NM_006011	hsa-miR-199a-5p	hsa-miR-214-5p					
PREPL	9581	NM_006036	hsa-miR-135a-5p	hsa-miR-214-5p					
ATP9A	10079	NM_006045	hsa-miR-135a-5p	hsa-miR-199a-5p					
ATP8A1	10396	NM_006095	hsa-miR-135a-5p	hsa-miR-424-5p					
MAN2A2	4122	NM_006122	hsa-miR-199a-5p	hsa-miR-424-5p					
DAGLA	747	NM_006133	hsa-miR-214-5p	hsa-miR-424-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
OAS3	4940	NM_006187	hsa-miR-223-5p	hsa-miR-409-3p					
PKN2	5586	NM_006256	hsa-miR-127-3p	hsa-miR-409-3p					
TXNIP	10628	NM_006472	hsa-miR-135a-5p	hsa-miR-424-5p					
YKT6	10652	NM_006555	hsa-miR-127-3p	hsa-miR-424-5p					
POLD3	10714	NM_006591	hsa-miR-135a-5p	hsa-miR-424-5p					
MMP24	10893	NM_006690	hsa-miR-199a-5p	hsa-miR-214-5p					
BTG2	7832	NM_006763	hsa-miR-199a-5p	hsa-miR-424-5p					
ZFHX3	463	NM_006885	hsa-miR-376c-3p	hsa-miR-424-5p					
ZNF28	7576	NM_006969	hsa-miR-199a-5p	hsa-miR-223-5p					
WASF2	10163	NM_006990	hsa-miR-135a-5p	hsa-miR-409-3p					
ABHD2	11057	NM_007011	hsa-miR-214-5p	hsa-miR-424-5p					
TEP1	7011	NM_007110	hsa-miR-135a-5p	hsa-miR-376c-3p					
IRAK3	11213	NM_007199	hsa-miR-214-5p	hsa-miR-376c-3p					
SEC63	11231	NM_007214	hsa-miR-214-5p	hsa-miR-376c-3p					
RNF24	11237	NM_007219	hsa-miR-135a-5p	hsa-miR-424-5p					
MME	4311	NM_007289	hsa-miR-409-3p	hsa-miR-424-5p					
TMED3	23423	NM_007364	hsa-miR-214-5p	hsa-miR-424-5p					
BACE1	23621	NM_012104	hsa-miR-135a-5p	hsa-miR-214-5p					
FZD4	8322	NM_012193	hsa-miR-199a-5p	hsa-miR-424-5p					
SLC35A3	23443	NM_012243	hsa-miR-199a-5p	hsa-miR-214-5p					
KPNA6	23633	NM_012316	hsa-miR-135a-5p	hsa-miR-424-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
NFATC2	4773	NM_012340	hsa-miR-223-5p	hsa-miR-424-5p					
PSD4	23550	NM_012455	hsa-miR-376c-3p	hsa-miR-424-5p					
TLL2	7093	NM_012465	hsa-miR-135a-5p	hsa-miR-424-5p					
YWHAG	7532	NM_012479	hsa-miR-135a-5p	hsa-miR-199a-5p					
YPEL1	29799	NM_013313	hsa-miR-199a-5p	hsa-miR-409-3p					
RAX	30062	NM_013435	hsa-miR-127-3p	hsa-miR-199a-5p					
VCL	7414	NM_014000	hsa-miR-199a-5p	hsa-miR-424-5p					
FLVCR1	28982	NM_014053	hsa-miR-135a-5p	hsa-miR-409-3p					
CNTNAP2	26047	NM_014141	hsa-miR-199a-5p	hsa-miR-409-3p					
NCS1	23413	NM_014286	hsa-miR-199a-5p	hsa-miR-424-5p					
NPTXR	23467	NM_014293	hsa-miR-214-5p	hsa-miR-424-5p					
TBC1D22A	25771	NM_014346	hsa-miR-214-5p	hsa-miR-424-5p					
PTPN18	26469	NM_014369	hsa-miR-214-5p	hsa-miR-424-5p					
TMOD2	29767	NM_014548	hsa-miR-376c-3p	hsa-miR-409-3p					
TMEM97	27346	NM_014573	hsa-miR-135a-5p	hsa-miR-199a-5p					
PPM1F	9647	NM_014634	hsa-miR-199a-5p	hsa-miR-424-5p					
ZNF516	9658	NM_014643	hsa-miR-214-5p	hsa-miR-409-3p					
SART3	9733	NM_014706	hsa-miR-199a-5p	hsa-miR-214-5p					
RIMS3	9783	NM_014747	hsa-miR-409-3p	hsa-miR-424-5p					
TRIM14	9830	NM_014788	hsa-miR-214-5p	hsa-miR-424-5p					
FAM20B	9917	NM_014864	hsa-miR-214-5p	hsa-miR-424-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
LMTK2	22853	NM_014916	hsa-miR-135a-5p	hsa-miR-424-5p					
ATG14	22863	NM_014924	hsa-miR-135a-5p	hsa-miR-424-5p					
RIMS1	22999	NM_014989	hsa-miR-135a-5p	hsa-miR-424-5p					
STK38L	23012	NM_015000	hsa-miR-135a-5p	hsa-miR-409-3p					
PEG10	23089	NM_015068	hsa-miR-409-3p	hsa-miR-424-5p					
FSTL4	23105	NM_015082	hsa-miR-199a-5p	hsa-miR-424-5p					
N4BP3	23138	NM_015111	hsa-miR-199a-5p	hsa-miR-424-5p					
RCOR1	23186	NM_015156	hsa-miR-135a-5p	hsa-miR-424-5p					
DPY19L1	23333	NM_015283	hsa-miR-136-3p	hsa-miR-409-3p					
KHNYN	23351	NM_015299	hsa-miR-214-5p	hsa-miR-424-5p					
PSD3	23362	NM_015310	hsa-miR-214-5p	hsa-miR-376c-3p					
PNKD	25953	NM_015488	hsa-miR-199a-5p	hsa-miR-424-5p					
MBD1	4152	NM_015846	hsa-miR-136-3p	hsa-miR-424-5p					
PI15	51050	NM_015886	hsa-miR-135a-5p	hsa-miR-409-3p					
HOOK1	51361	NM_015888	hsa-miR-376c-3p	hsa-miR-409-3p					
TRIM33	51592	NM_015906	hsa-miR-376c-3p	hsa-miR-409-3p					
KLF13	51621	NM_015995	hsa-miR-135a-5p	hsa-miR-214-5p					
HEMK1	51409	NM_016173	hsa-miR-135a-5p	hsa-miR-424-5p					
VGLL3	389136	NM_016206	hsa-miR-376c-3p	hsa-miR-424-5p					
ZNF107	51427	NM_016220	hsa-miR-135a-5p	hsa-miR-409-3p					
EMCN	51705	NM_016242	hsa-miR-136-3p	hsa-miR-424-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
CLDN18	51208	NM_016369	hsa-miR-135a-5p	hsa-miR-409-3p					
C9orf114	51490	NM_016390	hsa-miR-199a-5p	hsa-miR-424-5p					
KLF3	51274	NM_016531	hsa-miR-135a-5p	hsa-miR-409-3p					
DNAJC27	51277	NM_016544	hsa-miR-135a-5p	hsa-miR-424-5p					
PDE11A	50940	NM_016953	hsa-miR-199a-5p	hsa-miR-409-3p					
FZD3	7976	NM_017412	hsa-miR-199a-5p	hsa-miR-424-5p					
DIRAS2	54769	NM_017594	hsa-miR-214-5p	hsa-miR-424-5p					
AGO4	192670	NM_017629	hsa-miR-199a-5p	hsa-miR-214-5p					
FERMT1	55612	NM_017671	hsa-miR-214-5p	hsa-miR-424-5p					
CHD7	55636	NM_017780	hsa-miR-135a-5p	hsa-miR-424-5p					
SEPT11	55752	NM_018243	hsa-miR-409-3p	hsa-miR-424-5p					
TMEM106B	54664	NM_018374	hsa-miR-135a-5p	hsa-miR-376c-3p					
PLCXD1	55344	NM_018390	hsa-miR-214-5p	hsa-miR-376c-3p					
LRP1B	53353	NM_018557	hsa-miR-376c-3p	hsa-miR-424-5p					
CEP41	95681	NM_018718	hsa-miR-135a-5p	hsa-miR-409-3p					
HOXA10	3206	NM_018951	hsa-miR-135a-5p	hsa-miR-424-5p					
PCDH18	54510	NM_019035	hsa-miR-135a-5p	hsa-miR-199a-5p					
UGGT1	56886	NM_020120	hsa-miR-214-5p	hsa-miR-424-5p					
AGPAT4	56895	NM_020133	hsa-miR-135a-5p	hsa-miR-376c-3p					
RAD18	56852	NM_020165	hsa-miR-409-3p	hsa-miR-424-5p					
SMURF1	57154	NM_020429	hsa-miR-136-3p	hsa-miR-424-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
DOLPP1	57171	NM_020438	hsa-miR-135a-5p	hsa-miR-424-5p					
PTGFRN	5738	NM_020440	hsa-miR-223-5p	hsa-miR-424-5p					
TWSG1	57045	NM_020648	hsa-miR-135a-5p	hsa-miR-223-5p					
ZNF304	57343	NM_020657	hsa-miR-409-3p	hsa-miR-424-5p					
SHROOM4	57477	NM_020717	hsa-miR-135a-5p	hsa-miR-424-5p					
MIB1	57534	NM_020774	hsa-miR-376c-3p	hsa-miR-424-5p					
ALPK3	57538	NM_020778	hsa-miR-199a-5p	hsa-miR-214-5p					
PACSN1	29993	NM_020804	hsa-miR-214-5p	hsa-miR-409-3p					
KIAA1462	57608	NM_020848	hsa-miR-409-3p	hsa-miR-424-5p					
SHROOM3	57619	NM_020859	hsa-miR-376c-3p	hsa-miR-424-5p					
KIAA1522	57648	NM_020888	hsa-miR-199a-5p	hsa-miR-424-5p					
WNK3	65267	NM_020922	hsa-miR-409-3p	hsa-miR-424-5p					
RET	5979	NM_020975	hsa-miR-409-3p	hsa-miR-424-5p					
SCN2A	6326	NM_021007	hsa-miR-135a-5p	hsa-miR-424-5p					
CRY2	1408	NM_021117	hsa-miR-214-5p	hsa-miR-424-5p					
TNFAIP1	7126	NM_021137	hsa-miR-214-5p	hsa-miR-424-5p					
NEUROD4	58158	NM_021191	hsa-miR-135a-5p	hsa-miR-424-5p					
PLEKHA2	59339	NM_021623	hsa-miR-135a-5p	hsa-miR-376c-3p					
GABRB2	2561	NM_021911	hsa-miR-135a-5p	hsa-miR-223-5p					
ZNF148	7707	NM_021964	hsa-miR-199a-5p	hsa-miR-424-5p					
SEC24A	10802	NM_021982	hsa-miR-199a-5p	hsa-miR-424-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
XPNPEP3	63929	NM_022098	hsa-miR-214-5p	hsa-miR-424-5p					
C10orf54	64115	NM_022153	hsa-miR-199a-5p	hsa-miR-424-5p					
TCTA	6988	NM_022171	hsa-miR-135a-5p	hsa-miR-199a-5p					
SLC13A1	6561	NM_022444	hsa-miR-135a-5p	hsa-miR-424-5p					
NSD1	64324	NM_022455	hsa-miR-376c-3p	hsa-miR-424-5p					
XPO4	64328	NM_022459	hsa-miR-199a-5p	hsa-miR-223-5p					
TNS3	64759	NM_022748	hsa-miR-214-5p	hsa-miR-409-3p					
BCL11A	53335	NM_022893	hsa-miR-135a-5p	hsa-miR-214-5p					
HAPLN4	404037	NM_023002	hsa-miR-199a-5p	hsa-miR-214-5p					
OTUB2	78990	NM_023112	hsa-miR-135a-5p	hsa-miR-199a-5p					
TRPM8	79054	NM_024080	hsa-miR-376c-3p	hsa-miR-409-3p					
ELOVL6	79071	NM_024090	hsa-miR-135a-5p	hsa-miR-424-5p					
ZNF557	79230	NM_024341	hsa-miR-214-5p	hsa-miR-223-5p					
NOTCH2	4853	NM_024408	hsa-miR-409-3p	hsa-miR-424-5p					
ZYG11B	79699	NM_024646	hsa-miR-214-5p	hsa-miR-409-3p					
MOB3B	79817	NM_024761	hsa-miR-199a-5p	hsa-miR-424-5p					
NHEJ1	79840	NM_024782	hsa-miR-214-5p	hsa-miR-424-5p					
SLC35E1	79939	NM_024881	hsa-miR-199a-5p	hsa-miR-214-5p					
DHDDS	79947	NM_024887	hsa-miR-214-5p	hsa-miR-424-5p					
CCDC170	80129	NM_025059	hsa-miR-135a-5p	hsa-miR-214-5p					
NYNRIN	57523	NM_025081	hsa-miR-199a-5p	hsa-miR-424-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
OPA3	80207	NM_025136	hsa-miR-199a-5p	hsa-miR-214-5p					
TTYH3	80727	NM_025250	hsa-miR-214-5p	hsa-miR-409-3p					
JHDM1D	80853	NM_030647	hsa-miR-135a-5p	hsa-miR-424-5p					
SETD7	80854	NM_030648	hsa-miR-135a-5p	hsa-miR-376c-3p					
TUBB1	81027	NM_030773	hsa-miR-214-5p	hsa-miR-223-5p					
CSRNP2	81566	NM_030809	hsa-miR-199a-5p	hsa-miR-424-5p					
THAP2	83591	NM_031435	hsa-miR-409-3p	hsa-miR-424-5p					
SH3BGRL2	83699	NM_031469	hsa-miR-135a-5p	hsa-miR-424-5p					
BCO2	83875	NM_031938	hsa-miR-223-5p	hsa-miR-424-5p					
LDOC1L	84247	NM_032287	hsa-miR-214-5p	hsa-miR-424-5p					
SYT3	84258	NM_032298	hsa-miR-135a-5p	hsa-miR-424-5p					
LCOR	84458	NM_032440	hsa-miR-135a-5p	hsa-miR-409-3p					
PARD6G	84552	NM_032510	hsa-miR-214-5p	hsa-miR-223-5p					
CREB3L3	84699	NM_032607	hsa-miR-199a-5p	hsa-miR-214-5p					
RPUSD4	84881	NM_032795	hsa-miR-223-5p	hsa-miR-376c-3p					
UBASH3B	84959	NM_032873	hsa-miR-214-5p	hsa-miR-376c-3p					
AJUBA	84962	NM_032876	hsa-miR-376c-3p	hsa-miR-424-5p					
ARHGAP19	84986	NM_032900	hsa-miR-135a-5p	hsa-miR-424-5p					
PCDH11X	27328	NM_032968	hsa-miR-223-5p	hsa-miR-409-3p					
PCDH11Y	83259	NM_032973	hsa-miR-223-5p	hsa-miR-409-3p					
DTNA	1837	NM_032975	hsa-miR-135a-5p	hsa-miR-424-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
GTPBP10	85865	NM_033107	hsa-miR-376c-3p	hsa-miR-409-3p					
PURB	5814	NM_033224	hsa-miR-135a-5p	hsa-miR-424-5p					
NR6A1	2649	NM_033334	hsa-miR-135a-5p	hsa-miR-376c-3p					
DCLK3	85443	NM_033403	hsa-miR-199a-5p	hsa-miR-424-5p					
FCHSD1	89848	NM_033449	hsa-miR-199a-5p	hsa-miR-424-5p					
TRERF1	55809	NM_033502	hsa-miR-135a-5p	hsa-miR-409-3p					
EPT1	85465	NM_033505	hsa-miR-214-5p	hsa-miR-424-5p					
BRWD1	54014	NM_033656	hsa-miR-135a-5p	hsa-miR-223-5p					
GNG7	2788	NM_052847	hsa-miR-135a-5p	hsa-miR-214-5p					
GBP4	115361	NM_052941	hsa-miR-135a-5p	hsa-miR-214-5p					
ANTXR2	118429	NM_058172	hsa-miR-135a-5p	hsa-miR-409-3p					
WNT7B	7477	NM_058238	hsa-miR-199a-5p	hsa-miR-214-5p					
COLQ	8292	NM_080538	hsa-miR-199a-5p	hsa-miR-214-5p					
SLC46A1	113235	NM_080669	hsa-miR-199a-5p	hsa-miR-409-3p					
ASB11	140456	NM_080873	hsa-miR-199a-5p	hsa-miR-409-3p					
OPA1	4976	NM_130837	hsa-miR-376c-3p	hsa-miR-409-3p					
PTPRT	11122	NM_133170	hsa-miR-135a-5p	hsa-miR-409-3p					
LRPPRC	10128	NM_133259	hsa-miR-409-3p	hsa-miR-424-5p					
GRIN3A	116443	NM_133445	hsa-miR-199a-5p	hsa-miR-214-5p					
CD109	135228	NM_133493	hsa-miR-199a-5p	hsa-miR-214-5p					
ZNF681	148213	NM_138286	hsa-miR-135a-5p	hsa-miR-376c-3p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
SP1	6667	NM_138473	hsa-miR-135a-5p	hsa-miR-199a-5p					
FCHO2	115548	NM_138782	hsa-miR-135a-5p	hsa-miR-376c-3p					
HN1L	90861	NM_144570	hsa-miR-199a-5p	hsa-miR-424-5p					
TBC1D2B	23102	NM_144572	hsa-miR-214-5p	hsa-miR-424-5p					
TBC1D20	128637	NM_144628	hsa-miR-214-5p	hsa-miR-424-5p					
SLFN13	146857	NM_144682	hsa-miR-135a-5p	hsa-miR-223-5p					
DENND5B	160518	NM_144973	hsa-miR-135a-5p	hsa-miR-199a-5p					
STYX	6815	NM_145251	hsa-miR-199a-5p	hsa-miR-409-3p					
ABTB2	25841	NM_145804	hsa-miR-199a-5p	hsa-miR-424-5p					
OSBPL9	114883	NM_148909	hsa-miR-409-3p	hsa-miR-424-5p					
ZMAT3	64393	NM_152240	hsa-miR-223-5p	hsa-miR-409-3p					
TPM3	7170	NM_152263	hsa-miR-214-5p	hsa-miR-409-3p					
TMEM237	65062	NM_152388	hsa-miR-135a-5p	hsa-miR-424-5p					
AMER1	139285	NM_152424	hsa-miR-223-5p	hsa-miR-424-5p					
ARHGAP42	143872	NM_152432	hsa-miR-223-5p	hsa-miR-424-5p					
IQCE	23288	NM_152558	hsa-miR-135a-5p	hsa-miR-214-5p					
SPRED1	161742	NM_152594	hsa-miR-135a-5p	hsa-miR-409-3p					
DENND6A	201627	NM_152678	hsa-miR-199a-5p	hsa-miR-409-3p					
ZNF555	148254	NM_152791	hsa-miR-199a-5p	hsa-miR-409-3p					
KCTD7	154881	NM_153033	hsa-miR-199a-5p	hsa-miR-214-5p					
PHF13	148479	NM_153812	hsa-miR-199a-5p	hsa-miR-214-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
ALDH5A1	7915	NM_170740	hsa-miR-409-3p	hsa-miR-424-5p					
CACNA2D4	93589	NM_172364	hsa-miR-135a-5p	hsa-miR-409-3p					
MPP7	143098	NM_173496	hsa-miR-409-3p	hsa-miR-424-5p					
SLC9A9	285195	NM_173653	hsa-miR-135a-5p	hsa-miR-409-3p					
C5orf64	285668	NM_173667	hsa-miR-199a-5p	hsa-miR-424-5p					
CRB2	286204	NM_173689	hsa-miR-199a-5p	hsa-miR-424-5p					
PRTG	283659	NM_173814	hsa-miR-409-3p	hsa-miR-424-5p					
SCN4B	6330	NM_174934	hsa-miR-127-3p	hsa-miR-199a-5p					
FRMD3	257019	NM_174938	hsa-miR-136-3p	hsa-miR-223-5p					
UHMK1	127933	NM_175866	hsa-miR-135a-5p	hsa-miR-424-5p					
DICER1	23405	NM_177438	hsa-miR-376c-3p	hsa-miR-424-5p					
RASSF6	166824	NM_177532	hsa-miR-223-5p	hsa-miR-409-3p					
TMEM105	284186	NM_178520	hsa-miR-214-5p	hsa-miR-424-5p					
MTDH	92140	NM_178812	hsa-miR-135a-5p	hsa-miR-136-3p					
NLRC3	197358	NM_178844	hsa-miR-214-5p	hsa-miR-376c-3p					
CMTM4	146223	NM_181521	hsa-miR-376c-3p	hsa-miR-424-5p					
BTLA	151888	NM_181780	hsa-miR-199a-5p	hsa-miR-424-5p					
ZSCAN22	342945	NM_181846	hsa-miR-214-5p	hsa-miR-376c-3p					
OLFML2A	169611	NM_182487	hsa-miR-199a-5p	hsa-miR-214-5p					
OPRL1	4987	NM_182647	hsa-miR-214-5p	hsa-miR-424-5p					
MACC1	346389	NM_182762	hsa-miR-214-5p	hsa-miR-223-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
CREB5	9586	NM_182898	hsa-miR-135a-5p	hsa-miR-409-3p					
IRF2BP2	359948	NM_182972	hsa-miR-214-5p	hsa-miR-424-5p					
SRRM4	84530	NM_194286	hsa-miR-409-3p	hsa-miR-424-5p					
BID	637	NM_197966	hsa-miR-199a-5p	hsa-miR-214-5p					
GNPNAT1	64841	NM_198066	hsa-miR-135a-5p	hsa-miR-409-3p					
TCF21	6943	NM_198392	hsa-miR-199a-5p	hsa-miR-424-5p					
LONRF2	164832	NM_198461	hsa-miR-214-5p	hsa-miR-409-3p					
ACACA	31	NM_198839	hsa-miR-214-5p	hsa-miR-424-5p					
DZIP1	22873	NM_198968	hsa-miR-135a-5p	hsa-miR-214-5p					
SOCS4	122809	NM_199421	hsa-miR-135a-5p	hsa-miR-214-5p					
ACSL5	51703	NM_203380	hsa-miR-135a-5p	hsa-miR-424-5p					
SYNJ1	8867	NM_203446	hsa-miR-223-5p	hsa-miR-424-5p					
PRKAA1	5562	NM_206907	hsa-miR-135a-5p	hsa-miR-424-5p					
RNF207	388591	NM_207396	hsa-miR-199a-5p	hsa-miR-214-5p					
ZNF662	389114	NM_207404	hsa-miR-409-3p	hsa-miR-424-5p					
ADAMTSL3	57188	NM_207517	hsa-miR-199a-5p	hsa-miR-424-5p					
PRDM16	63976	XM_005244772	hsa-miR-127-3p	hsa-miR-135a-5p					
NAV1	89796	XM_005245572	hsa-miR-199a-5p	hsa-miR-424-5p					
RABGAP1L	9910	XM_005245680	hsa-miR-223-5p	hsa-miR-376c-3p					
EPB41	2035	XM_005245753	hsa-miR-135a-5p	hsa-miR-214-5p					
LUZP1	7798	XM_005245991	hsa-miR-135a-5p	hsa-miR-424-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
ZDHHC18	84243	XM_005246016	hsa-miR-135a-5p	hsa-miR-199a-5p					
UNC80	285175	XM_005246476	hsa-miR-135a-5p	hsa-miR-424-5p					
INO80D	54891	XM_005246658	hsa-miR-214-5p	hsa-miR-223-5p					
ADCY5	111	XM_005247077	hsa-miR-214-5p	hsa-miR-424-5p					
NLGN1	22871	XM_005247231	hsa-miR-409-3p	hsa-miR-424-5p					
ZDHHC23	254887	XM_005247266	hsa-miR-135a-5p	hsa-miR-409-3p					
SEC61A1	29927	XM_005247404	hsa-miR-214-5p	hsa-miR-424-5p					
LPP	4026	XM_005247445	hsa-miR-135a-5p	hsa-miR-223-5p					
TP63	8626	XM_005247843	hsa-miR-136-3p	hsa-miR-223-5p					
ATP8A1	10396	XM_005248043	hsa-miR-135a-5p	hsa-miR-424-5p					
PDZD2	23037	XM_005248269	hsa-miR-135a-5p	hsa-miR-199a-5p					
RICTOR	253260	XM_005248277	hsa-miR-409-3p	hsa-miR-424-5p					
ADAMTS12	81792	XM_005248381	hsa-miR-223-5p	hsa-miR-424-5p					
UBR2	23304	XM_005248965	hsa-miR-199a-5p	hsa-miR-424-5p					
RBM33	155435	XM_005249531	hsa-miR-199a-5p	hsa-miR-214-5p					
C1GALT1	56913	XM_005249812	hsa-miR-199a-5p	hsa-miR-409-3p					
CDK14	5218	XM_005250439	hsa-miR-199a-5p	hsa-miR-223-5p					
OXR1	55074	XM_005250993	hsa-miR-223-5p	hsa-miR-409-3p					
ST3GAL1	6482	XM_005251023	hsa-miR-214-5p	hsa-miR-424-5p					
SNTB1	6641	XM_005251031	hsa-miR-135a-5p	hsa-miR-223-5p					
MTSS1	9788	XM_005251111	hsa-miR-135a-5p	hsa-miR-424-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
REXO1L1	254958	XM_005251207	hsa-miR-135a-5p	hsa-miR-409-3p					
NFIB	4781	XM_005251467	hsa-miR-376c-3p	hsa-miR-409-3p					
KIAA1432	57589	XM_005251523	hsa-miR-135a-5p	hsa-miR-424-5p					
PTPRD	5789	XM_005251529	hsa-miR-135a-5p	hsa-miR-424-5p					
ZBTB5	9925	XM_005251634	hsa-miR-199a-5p	hsa-miR-424-5p					
TTLL11	158135	XM_005251728	hsa-miR-199a-5p	hsa-miR-214-5p					
ZEB1	6935	XM_005252577	hsa-miR-199a-5p	hsa-miR-409-3p					
PRRG4	79056	XM_005253131	hsa-miR-223-5p	hsa-miR-409-3p					
TRIM66	9866	XM_005253270	hsa-miR-135a-5p	hsa-miR-424-5p					
RIMKLB	57494	XM_005253436	hsa-miR-223-5p	hsa-miR-424-5p					
SBNO1	55206	XM_005253573	hsa-miR-376c-3p	hsa-miR-424-5p					
KCNA6	3742	XM_005253686	hsa-miR-135a-5p	hsa-miR-424-5p					
PXN	5829	XM_005253910	hsa-miR-199a-5p	hsa-miR-214-5p					
MAP1A	4130	XM_005254385	hsa-miR-199a-5p	hsa-miR-424-5p					
NEO1	4756	XM_005254408	hsa-miR-223-5p	hsa-miR-424-5p					
MYEF2	50804	XM_005254422	hsa-miR-135a-5p	hsa-miR-424-5p					
PEAK1	79834	XM_005254672	hsa-miR-199a-5p	hsa-miR-424-5p					
ARNT2	9915	XM_005254811	hsa-miR-135a-5p	hsa-miR-199a-5p					
LRRC28	123355	XM_005254859	hsa-miR-199a-5p	hsa-miR-409-3p					
SMG1	23049	XM_005255183	hsa-miR-376c-3p	hsa-miR-409-3p					
ZNF629	23361	XM_005255222	hsa-miR-135a-5p	hsa-miR-199a-5p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
UNKL	64718	XM_005255505	hsa-miR-127-3p	hsa-miR-409-3p					
CAPN15	6650	XM_005255516	hsa-miR-135a-5p	hsa-miR-199a-5p					
TVP23A	780776	XM_005255563	hsa-miR-135a-5p	hsa-miR-214-5p					
NAA60	79903	XM_005255590	hsa-miR-214-5p	hsa-miR-424-5p					
CCP110	9738	XM_005255720	hsa-miR-214-5p	hsa-miR-409-3p					
NFAT5	10725	XM_005255777	hsa-miR-376c-3p	hsa-miR-409-3p					
TMEM170A	124491	XM_005255795	hsa-miR-214-5p	hsa-miR-223-5p					
NFATC3	4775	XM_005255973	hsa-miR-199a-5p	hsa-miR-424-5p					
RANBP10	57610	XM_005256071	hsa-miR-199a-5p	hsa-miR-424-5p					
RAP1GAP2	23108	XM_005256544	hsa-miR-409-3p	hsa-miR-424-5p					
WSCD1	23302	XM_005256572	hsa-miR-199a-5p	hsa-miR-214-5p					
XAF1	54739	XM_005256705	hsa-miR-135a-5p	hsa-miR-199a-5p					
CYB561	1534	XM_005257090	hsa-miR-199a-5p	hsa-miR-424-5p					
ERN1	2081	XM_005257141	hsa-miR-199a-5p	hsa-miR-214-5p					
TANC2	26115	XM_005257201	hsa-miR-199a-5p	hsa-miR-424-5p					
KCNJ16	3773	XM_005257333	hsa-miR-376c-3p	hsa-miR-409-3p					
ATXN7L3	56970	XM_005257526	hsa-miR-127-3p	hsa-miR-424-5p					
SSH2	85464	XM_005258058	hsa-miR-135a-5p	hsa-miR-136-3p					
SSH2	85464	XM_005258059	hsa-miR-135a-5p	hsa-miR-136-3p					
C18orf54	162681	XM_005258201	hsa-miR-135a-5p	hsa-miR-409-3p					
SS18	6760	XM_005258335	hsa-miR-214-5p	hsa-miR-409-3p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
ZNF766	90321	XM_005259376	hsa-miR-214-5p	hsa-miR-424-5p					
TCF3	6929	XM_005259623	hsa-miR-199a-5p	hsa-miR-214-5p					
UNC13A	23025	XM_005259821	hsa-miR-135a-5p	hsa-miR-424-5p					
GATAD2A	54815	XM_005259956	hsa-miR-127-3p	hsa-miR-424-5p					
ZBTB46	140685	XM_005260197	hsa-miR-199a-5p	hsa-miR-424-5p					
ZNF512B	57473	XM_005260226	hsa-miR-199a-5p	hsa-miR-424-5p					
C20orf112	140688	XM_005260283	hsa-miR-214-5p	hsa-miR-424-5p					
EPB41L1	2036	XM_005260318	hsa-miR-199a-5p	hsa-miR-424-5p					
C20orf194	25943	XM_005260685	hsa-miR-199a-5p	hsa-miR-214-5p					
BACH1	571	XM_005261014	hsa-miR-135a-5p	hsa-miR-199a-5p					
AGPAT3	56894	XM_005261159	hsa-miR-199a-5p	hsa-miR-424-5p					
SLC19A1	6573	XM_005261163	hsa-miR-135a-5p	hsa-miR-199a-5p					
NUP50	10762	XM_005261312	hsa-miR-214-5p	hsa-miR-424-5p					
RBFOX2	23543	XM_005261428	hsa-miR-135a-5p	hsa-miR-214-5p					
TMEM184B	25829	XM_005261509	hsa-miR-199a-5p	hsa-miR-424-5p					
MIEF1	54471	XM_005261651	hsa-miR-214-5p	hsa-miR-409-3p					
PRDM5	11107	XM_005262706	hsa-miR-214-5p	hsa-miR-424-5p					
GPRIN3	285513	XM_005262936	hsa-miR-409-3p	hsa-miR-424-5p					
AFF1	4299	XM_005263009	hsa-miR-135a-5p	hsa-miR-223-5p					
AFF1	4299	XM_005263010	hsa-miR-135a-5p	hsa-miR-223-5p					
MAPK10	5602	XM_005263133	hsa-miR-223-5p	hsa-miR-409-3p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
MAPK10	5602	XM_005263134	hsa-miR-223-5p	hsa-miR-409-3p					
STOX2	56977	XM_005263142	hsa-miR-199a-5p	hsa-miR-409-3p					
PHF17	79960	XM_005263230	hsa-miR-135a-5p	hsa-miR-424-5p					
MGAT5	4249	XM_005263666	hsa-miR-199a-5p	hsa-miR-424-5p					
ARHGEF4	50649	XM_005263681	hsa-miR-135a-5p	hsa-miR-424-5p					
EPB41L5	57669	XM_005263721	hsa-miR-223-5p	hsa-miR-424-5p					
FOXN2	3344	XM_005264283	hsa-miR-135a-5p	hsa-miR-223-5p					
SLC8A1	6546	XM_005264512	hsa-miR-135a-5p	hsa-miR-409-3p					
ZNF654	55279	XM_005264762	hsa-miR-135a-5p	hsa-miR-199a-5p					
CNTN4	152330	XM_005264903	hsa-miR-376c-3p	hsa-miR-409-3p					
PFKFB4	5210	XM_005265231	hsa-miR-199a-5p	hsa-miR-424-5p					
STAC	6769	XM_005265412	hsa-miR-199a-5p	hsa-miR-214-5p					
TDGF1	6997	XM_005265418	hsa-miR-135a-5p	hsa-miR-424-5p					
FYCO1	79443	XM_005265483	hsa-miR-135a-5p	hsa-miR-214-5p					
MOB1B	92597	XM_005265709	hsa-miR-135a-5p	hsa-miR-409-3p					
PAICS	10606	XM_005265711	hsa-miR-214-5p	hsa-miR-424-5p					
DCUN1D4	23142	XM_005265737	hsa-miR-409-3p	hsa-miR-424-5p					
MAPK9	5601	XM_005265940	hsa-miR-223-5p	hsa-miR-424-5p					
DLGAP2	9228	XM_005266038	hsa-miR-135a-5p	hsa-miR-424-5p					
LATS2	26524	XM_005266342	hsa-miR-135a-5p	hsa-miR-424-5p					
NETO1	81832	XM_005266776	hsa-miR-376c-3p	hsa-miR-409-3p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
TXLNB	167838	XM_005266836	hsa-miR-199a-5p	hsa-miR-409-3p					
EYA4	2070	XM_005266854	hsa-miR-409-3p	hsa-miR-424-5p					
SIM1	6492	XM_005267100	hsa-miR-223-5p	hsa-miR-409-3p					
FOXN3	1112	XM_005267289	hsa-miR-135a-5p	hsa-miR-409-3p					
ANGEL1	23357	XM_005267478	hsa-miR-199a-5p	hsa-miR-424-5p					
SPTB	6710	XM_005268022	hsa-miR-199a-5p	hsa-miR-424-5p					
ATP11A	23250	XM_005268305	hsa-miR-214-5p	hsa-miR-424-5p					
MCF2L	23263	XM_005268310	hsa-miR-136-3p	hsa-miR-424-5p					
NDST1	3340	XM_005268435	hsa-miR-135a-5p	hsa-miR-199a-5p					
HTR4	3360	XM_005268444	hsa-miR-199a-5p	hsa-miR-424-5p					
LARP4	113251	XM_005268613	hsa-miR-199a-5p	hsa-miR-223-5p					
SRGAP1	57522	XM_005269042	hsa-miR-376c-3p	hsa-miR-424-5p					
KCNMA1	3778	XM_005269773	hsa-miR-135a-5p	hsa-miR-409-3p					
MAPK8	5599	XM_005269974	hsa-miR-409-3p	hsa-miR-424-5p					
ADAM12	8038	XM_005270188	hsa-miR-135a-5p	hsa-miR-214-5p					
TSPAN14	81619	XM_005270192	hsa-miR-214-5p	hsa-miR-424-5p					
KCNA2	3737	XM_005270842	hsa-miR-214-5p	hsa-miR-376c-3p					
CTTNBP2NL	55917	XM_005271034	hsa-miR-135a-5p	hsa-miR-424-5p					
SORT1	6272	XM_005271102	hsa-miR-214-5p	hsa-miR-424-5p					
POU2AF1	5450	XM_005271594	hsa-miR-214-5p	hsa-miR-424-5p					
GRAMD1B	57476	XM_005271620	hsa-miR-199a-5p	hsa-miR-409-3p					

Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
SEPT11	220972	XM_005271806	hsa-miR-199a-5p	hsa-miR-223-5p					
PHF15	23338	XM_005271948	hsa-miR-199a-5p	hsa-miR-409-3p					
MEGF10	84466	XM_005272114	hsa-miR-199a-5p	hsa-miR-223-5p					
AKT3	10000	XM_005272995	hsa-miR-199a-5p	hsa-miR-223-5p					
LZTS1	11178	XM_005273394	hsa-miR-135a-5p	hsa-miR-214-5p					
AGPAT6	137964	XM_005273402	hsa-miR-214-5p	hsa-miR-424-5p					
TACC1	6867	XM_005273622	hsa-miR-199a-5p	hsa-miR-409-3p					
TACC1	6867	XM_005273623	hsa-miR-199a-5p	hsa-miR-409-3p					
HMBX1	79618	XM_005273634	hsa-miR-135a-5p	hsa-miR-424-5p					
FAM168A	23201	XM_005273852	hsa-miR-214-5p	hsa-miR-409-3p					
KCTD21	283219	XM_005273927	hsa-miR-199a-5p	hsa-miR-214-5p					
CAPN5	726	XM_005274206	hsa-miR-376c-3p	hsa-miR-424-5p					
MYRF	745	XM_005274222	hsa-miR-199a-5p	hsa-miR-214-5p					
ARSD	414	XM_005274515	hsa-miR-135a-5p	hsa-miR-409-3p					
MECP2	4204	XM_005274683	hsa-miR-135a-5p	hsa-miR-214-5p					
ATP2B3	492	XM_005274692	hsa-miR-135a-5p	hsa-miR-424-5p					
MTMR1	8776	XM_005274765	hsa-miR-214-5p	hsa-miR-424-5p					
ITGA10	8515	XM_005277436	hsa-miR-199a-5p	hsa-miR-214-5p					
CAPN5	726	XM_005277729	hsa-miR-376c-3p	hsa-miR-424-5p					
MECP2	4204	XM_005277853	hsa-miR-135a-5p	hsa-miR-214-5p					
ATP2B3	492	XM_005277859	hsa-miR-135a-5p	hsa-miR-424-5p					

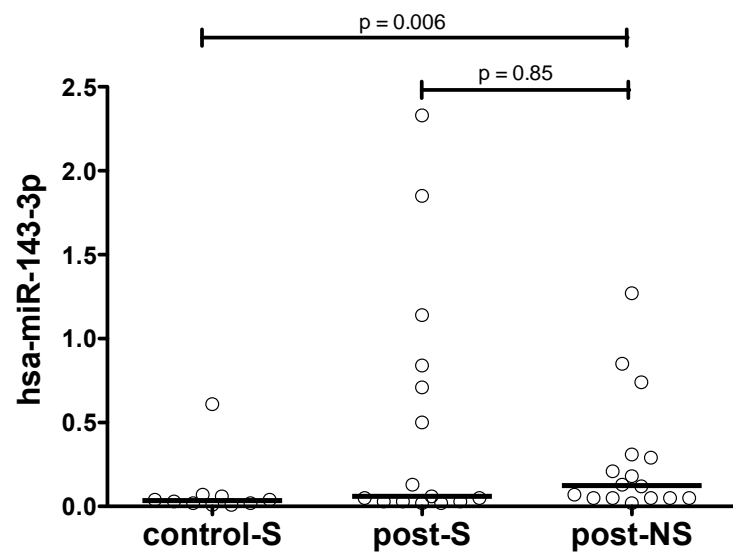
Gene	EntrezID	RefseqID	miR-1	miR-2	miR-3	miR-4	miR-5	miR-6	miR-7
MTMR1	8776	XM_005278205	hsa-miR-214-5p	hsa-miR-424-5p					

Supplementary table 7. Average differential expression (DE) and average p-value of the overlapping microRNAs in patients who were treated Medically vs. Surgically for reflux. Differences between the groups was tested using Welch's t-test.

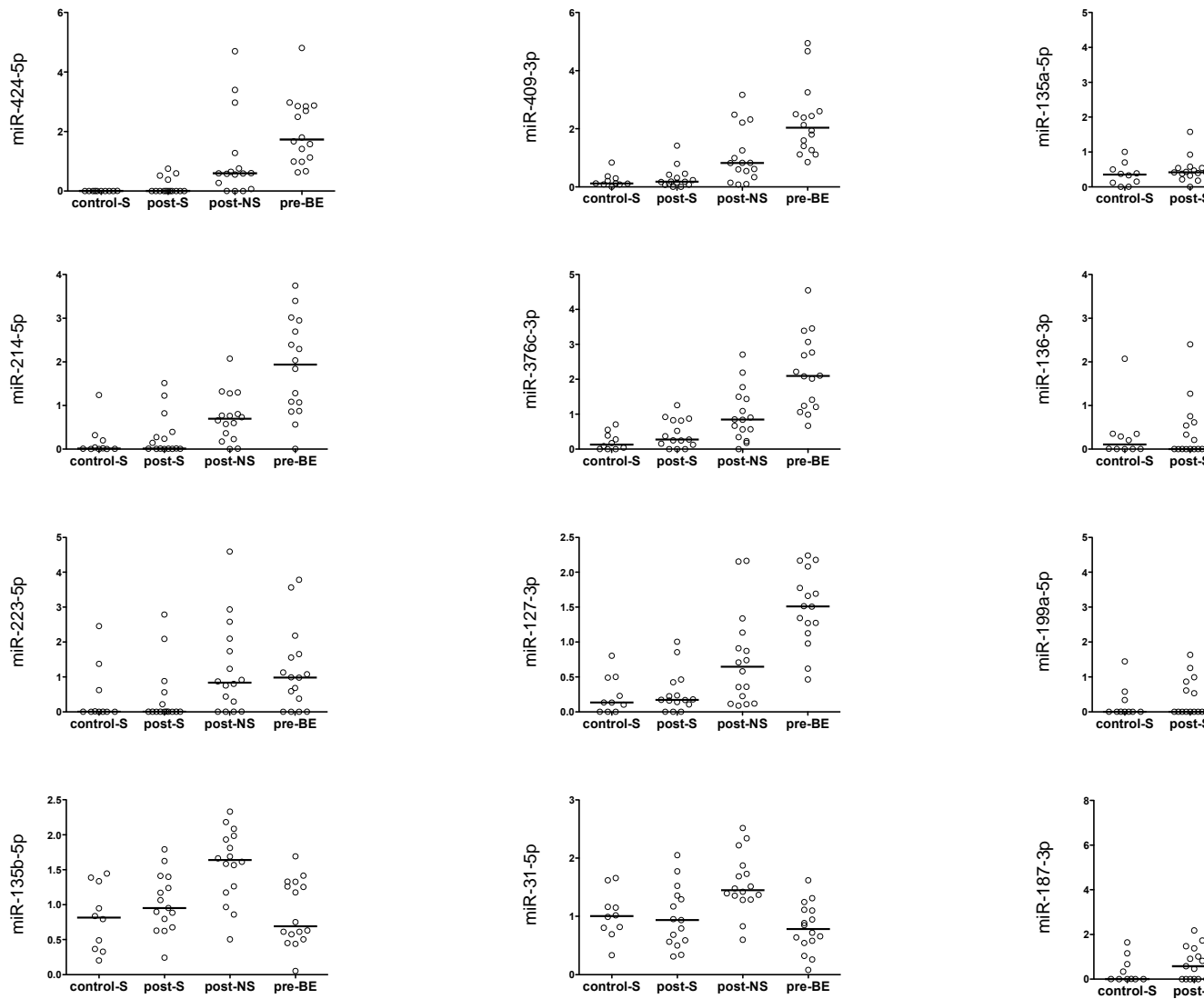
	Medically treated	Surgically treated	Welch's t-test p-value
Post-NS vs. Control-S			
Differential Expression	125.9	122.9	0.972
MWU p-value	0.032	0.079	0.054
Post-NS vs. post-S			
Differential Expression	59.2	144	0.389
MWU p-value	0.09	0.22	0.051

Supplementary table 8. Average differential expression (DE) and average p-value of the overlapping microRNAs for patients who were completely ablated vs. all patients. Differences between groups were tested using Welch's t-test.

	Complete Ablation	All Patients	Welch's t-test p-value
Post-NS vs. Control-S			
Differential Expression	80.4	81.0	0.996
MWU p-value	0.041	0.026	0.209
Post-NS vs. post-S			
Differential Expression	56.9	101.5	0.394
MWU p-value	0.028	0.018	0.213



Supplementary Figure 1. Hsa-miR-143-3p normalized relative expression in control squamous mucosa (control-S), in post-ablation squamous mucosa (post-S), and in post-ablation neosquamous mucosa (post-NS).



Supplementary Figure 2. Normalized relative expression levels of the overlapping microRNAs in control squamous mucosa (control-S), post-ablation squamous mucosa (post-S), post-ablation neosquamous mucosa (post-NS) and pre-ablation Barrett's Esophagus mucosa (pre-BE). Horizontal bars are medians.