

Supplemental Table 5

symbol	chr	gene.cox	CNA	miR#	composite score
ENTPD1	10	down	deleted	hsa-miR-584	9.32
PTPRA	20	up	amplified	hsa-miR-541	9.29
BLCAP	20	up	amplified	hsa-miR-520d-3p	9.10
UQCC	20	up	amplified		9.09
SHOC2	10	down	deleted		9.02
ZNF337	20	up	amplified	hsa-miR-545*	9.00
SLC25A22	11	up	amplified	hsa-miR-142-3p/mmu-miR-142-3p/rno-miR-142-3p	8.95
EIF6	20	up	amplified		8.81
ARFGAP1	20	up	amplified	hsa-miR-541	8.76
SPAG4	20	up	amplified		8.74
THAP7	22	up	amplified		8.58
KIAA1432	9	down	deleted	hsa-miR-576-5p	8.53
EPB41L1	20	up	amplified	hsa-miR-507	8.50
PDDC1	11	up	amplified	hsa-miR-520d-3p	8.50
ZBTB20	3	down	deleted		8.47
TCTN3	10	down	deleted	hsa-miR-647	8.45
EXOSC3	9	down	deleted		8.44
KIAA1219	20	up	amplified	hsa-miR-507	8.24
C7orf11	7	up	amplified		8.23
ABR	17	down	deleted	hsa-miR-892b	8.20
SRC	20	up	amplified		8.16
HKR1	19	up	amplified		8.03
JUNB	19	up	amplified	hsa-miR-520d-3p	8.02
POLR2L	11	up	amplified		7.96
ZNF680	7	up	amplified	hsa-miR-524-5p	7.78
SERGEF	11	up	amplified		7.65
PRDX2	19	up	amplified	hsa-miR-892a	7.62
LZTR1	22	up	amplified		7.50
EFCAB4A	11	up	amplified		7.47

CD163	12	down	deleted		7.42
PDCD4	10	down	deleted		7.37
CD151	11	up	amplified		7.37
TNPO2	19	up	amplified	hsa-miR-548b-3p	7.31
CDC2L5	7	up	amplified		7.28
VPS41	7	up	amplified	hsa-miR-769-3p	7.28
EXOSC5	19	up	normal	hsa-miR-9/mmu-miR-9/rno-miR-9	7.23
CHID1	11	up	amplified		7.22
DEGS1	1	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.21
SETX	9	down	normal	hsa-miR-488	7.20
TRIM14	9	down	normal	hsa-miR-938	7.18
FLJ22167	16	up	normal	hsa-miR-520d-3p	7.18
SMARCE1	17	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.18
GCAT	22	up	normal	hsa-miR-9/mmu-miR-9/rno-miR-9	7.18
ARID5B	10	down	normal	hsa-miR-584	7.17
TIMM23	10	down	normal	hsa-miR-1275	7.16
ITM2B	13	down	normal	hsa-miR-877/mmu-miR-877/rno-miR-877	7.16
INPP4A	2	down	normal	hsa-miR-877/mmu-miR-877/rno-miR-877	7.16
CFLAR	2	down	normal	hsa-miR-516a-5p	7.16
MPZL1	1	down	normal	hsa-miR-892b	7.15
HMGCL	1	up	normal	hsa-miR-9/mmu-miR-9/rno-miR-9	7.15
CSDA	12	up	normal	hsa-miR-9/mmu-miR-9/rno-miR-9	7.15
LARS	5	up	normal	hsa-miR-520d-3p	7.15
NEO1	15	down	normal	hsa-miR-892b	7.15
RNF213	17	down	normal	hsa-miR-542-5p/mmu-miR-542-5p/rno-miR-542-5p	7.14

ZNF512	2	down	normal	hsa-miR-488	7.14
NEDD4	15	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.14
PAK2	3	down	normal	hsa-miR-125a-3p/mmu-miR-125a-3p/rno-miR-125a-3p	7.13
DDX27	20	up	normal	hsa-miR-520d-3p	7.13
FAM32A	19	down	normal	hsa-miR-1296	7.13
NUDC	1	up	normal	hsa-miR-378*/mmu-miR-378*/rno-miR-378*	7.13
POLR2C	16	up	normal	hsa-miR-541	7.13
TPK1	7	down	normal	hsa-miR-1275	7.13
CSTF2T	10	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.12
ASXL2	2	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.12
SART1	11	up	normal	hsa-miR-520d-3p	7.12
C13orf31	13	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.12
PPAT	4	up	normal	hsa-miR-9/mmu-miR-9/rno-miR-9	7.12
TRIM13	13	down	normal	hsa-miR-877/mmu-miR-877/rno-miR-877	7.11
CBL	11	down	normal	hsa-miR-125a-3p/mmu-miR-125a-3p/rno-miR-125a-3p	7.11
USP15	12	down	normal	hsa-miR-584	7.11
TSPAN14	10	down	normal	hsa-miR-892b	7.11
March6	5	up	normal	hsa-miR-942	7.10
ZNF518B	4	down	normal	hsa-miR-516a-5p	7.10
DTX3L	3	down	normal	hsa-miR-892b	7.10
PPCDC	15	up	normal	hsa-miR-146b-5p/mmu-miR-146b/rno-miR-146b	7.10
ZBTB38	3	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.10
CRKL	22	up	amplified		7.10

GSTT1	22	down	normal	hsa-miR-551a	7.10
HMGN4	6	down	normal	hsa-miR-938	7.10
KPNA3	13	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.09
ADAR	1	down	normal	hsa-miR-874/mmu-miR-874/rno-miR-874	7.09
CCDC50	3	down	normal	hsa-miR-584	7.09
ABCA1	9	down	normal	hsa-miR-647	7.09
CSNK1E	22	up	normal	hsa-miR-541	7.09
CGGBP1	3	down	normal	hsa-miR-1296	7.09
TC2N	14	up	normal	hsa-miR-146a/mmu-miR-146a/rno-miR-146a	7.09
PPME1	11	up	normal	hsa-miR-450b-3p	7.08
ZBTB34	9	down	normal	hsa-miR-216a/mmu-miR-216a/rno-miR-216a	7.08
SRGAP1	12	up	normal	hsa-miR-507	7.08
FAM160B1	10	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.08
PIK3R1	5	down	normal	hsa-miR-519d	7.07
DTNBP1	6	down	normal	hsa-miR-488	7.07
C2orf43	2	down	normal	hsa-miR-892b	7.07
TNS1	2	up	normal	hsa-miR-544	7.07
SLC25A46	5	down	normal	hsa-miR-510	7.07
FAF1	1	up	normal	hsa-miR-9/mmu-miR-9/rno-miR-9	7.07
FAS	10	down	normal	hsa-miR-1272	7.07
PSAT1	9	up	normal	hsa-miR-302c/mmu-miR-302c	7.07
TMCC3	12	down	normal	hsa-miR-584	7.06
PSME4	2	down	normal	hsa-miR-892b	7.06
VPS13D	1	up	normal	hsa-miR-646	7.06
NCOA4	10	down	normal	hsa-miR-551a	7.06
ARL5A	2	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.06

ASNSD1	2	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.06
EPDR1	7	down	normal	hsa-miR-1296	7.06
GNAS	20	up	normal	hsa-miR-541	7.06
DNAJC12	10	up	normal	hsa-miR-146b-5p/mmu-miR-146b/rno-miR-146b	7.06
SH3BGRL	23	down	normal	hsa-miR-874/mmu-miR-874/rno-miR-874	7.06
STMN1	1	up	normal	hsa-miR-450b-3p	7.06
XDH	2	down	normal	hsa-miR-216a/mmu-miR-216a/rno-miR-216a	7.05
LACTB	15	down	normal	hsa-miR-877/mmu-miR-877/rno-miR-877	7.05
HECTD1	14	up	normal	hsa-miR-558	7.05
ATPBD4	15	up	normal	hsa-miR-544	7.05
SNX17	2	down	normal	hsa-miR-938	7.05
BLOC1S2	10	down	normal	hsa-miR-1272	7.05
GHITM	10	down	normal	hsa-miR-1272	7.05
SLC16A4	1	down	normal	hsa-miR-584	7.05
FEZ2	2	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.05
CPEB2	4	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.05
LAP3	4	down	normal	hsa-miR-516a-5p	7.05
IPO7	11	up	normal	hsa-miR-520d-3p	7.05
ZNF828	13	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.04
CLCF1	11	up	normal	hsa-miR-558	7.04
FMOD	1	down	normal	hsa-miR-584	7.04
ATP2A2	12	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.04
OSBPL11	3	down	normal	hsa-miR-584	7.04
IGHM	14	down	normal	hsa-miR-516a-5p	7.04
PEG10	7	up	normal	hsa-miR-641	7.04

SMCR8	17	down	normal	hsa-miR-193b*	7.03
SLC30A1	1	down	normal	hsa-miR-892b	7.03
IRAK3	12	down	normal	hsa-miR-125a-3p/mmu-miR-125a-3p/rno-miR-125a-3p	7.03
USP47	11	up	normal	hsa-miR-146b-5p/mmu-miR-146b/rno-miR-146b	7.03
TINAGL1	1	up	normal	hsa-miR-9/mmu-miR-9/rno-miR-9	7.03
PRKAA1	5	up	normal	hsa-miR-520d-3p	7.03
BATF	14	down	normal	hsa-miR-551a	7.03
KPNA1	3	down	normal	hsa-miR-584	7.03
ABCC4	13	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.03
ATP1B3	3	down	normal	hsa-miR-892b	7.03
C2orf18	2	down	normal	hsa-miR-892b	7.03
FAM20B	1	down	normal	hsa-miR-125a-3p/mmu-miR-125a-3p/rno-miR-125a-3p	7.03
AUP1	2	up	normal	hsa-miR-146a/mmu-miR-146a/rno-miR-146a	7.03
CBR1	21	down	normal	hsa-miR-938	7.03
MTHFD1	14	up	normal	hsa-miR-378*/mmu-miR-378*/rno-miR-378*	7.03
PTPN22	1	down	normal	hsa-miR-125a-3p/mmu-miR-125a-3p/rno-miR-125a-3p	7.03
NAT11	11	up	normal	hsa-miR-9/mmu-miR-9/rno-miR-9	7.03
TBC1D1	4	down	normal	hsa-miR-516a-5p	7.03
SPAST	2	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.03
CLIC5	6	down	normal	hsa-miR-184/mmu-miR-184/rno-miR-184	7.02
RAB11FIP2	10	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.02

IFIT5	10	down	normal	hsa-miR-125a-3p/mmu-miR-125a-3p/rno-miR-125a-3p	7.02
LSM12	17	up	normal	hsa-miR-544	7.02
KARS	16	up	normal	hsa-miR-891b	7.02
DFFA	1	up	normal	hsa-miR-520d-3p	7.02
CEP350	1	down	normal	hsa-miR-488	7.01
IQCK	16	up	normal	hsa-miR-646	7.01
SS18	18	down	normal	hsa-miR-488	7.01
C20orf43	20	up	normal	hsa-miR-541	7.01
EGFR	7	up	normal	hsa-miR-646	7.01
TMEM63A	1	up	normal	hsa-miR-9/mmu-miR-9/rno-miR-9	7.01
ELF1	13	down	normal	hsa-miR-938	7.01
TTPAL	20	up	normal	hsa-miR-769-3p	7.01
TMEM117	12	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.01
CAMKK2	12	down	normal	hsa-miR-184/mmu-miR-184/rno-miR-184	7.01
C6orf115	6	down	normal	hsa-miR-381/mmu-miR-381/rno-miR-381	7.01
BBX	3	down	normal	hsa-miR-488	7.01
ATAD2	8	up	normal	hsa-miR-520d-3p	7.01
EZR	6	up	normal	hsa-miR-450b-3p	7.00
CAMSAP1L1	1	down	normal	hsa-miR-488	7.00
KIAA0406	20	up	normal	hsa-miR-34b*	7.00
RNF4	4	down	normal	hsa-miR-1272	7.00
FAM82A1	2	down	normal	hsa-miR-766	7.00

miRNA whose expression is highly anti-concurrent with those of regulated genes