

Supplementary

Table S1 Commonly differentially expressed among GSE10006, GSE11784 AND GSE20257

Commonly differentially expressed among GSE10006, GSE11784 AND GSE20257	
Gene.Symbol	Up/Down
<i>CYP1B1</i>	Upregulated
<i>CYP1A1</i>	Upregulated
<i>AKR1B10</i>	Upregulated
<i>UCHL1</i>	Upregulated
<i>GAD1</i>	Upregulated
<i>CEACAM5</i>	Upregulated
<i>SPP1</i>	Upregulated
<i>MUCL1</i>	Upregulated
<i>GPX2</i>	Upregulated
<i>LOC284825</i>	Upregulated
<i>SPRR3</i>	Upregulated
<i>TPRXL</i>	Upregulated
<i>CCL2</i>	Upregulated
<i>SLC7A11</i>	Upregulated
<i>CXCL14</i>	Upregulated
<i>ALDH3A1</i>	Upregulated
<i>CABYR</i>	Upregulated
<i>SFRP2</i>	Upregulated
<i>ST3GAL4-AS1</i>	Upregulated
<i>ADH7</i>	Upregulated
<i>HOTS</i>	Upregulated
<i>TCN1</i>	Upregulated
<i>CLEC5A</i>	Upregulated
<i>B3GNT6</i>	Upregulated
<i>JAKMIP3</i>	Upregulated
<i>MUC12</i>	Upregulated
<i>DTNA</i>	Upregulated
<i>KRT6A</i>	Upregulated
<i>MEP1A</i>	Upregulated
<i>AHRR</i>	Upregulated
<i>BPIFB2</i>	Upregulated
<i>HS3ST3A1</i>	Upregulated
<i>SRPX2</i>	Upregulated
<i>ELFN2</i>	Upregulated
<i>LOC344887</i>	Upregulated
<i>LOC102724094</i>	Upregulated
<i>ME1</i>	Upregulated
<i>SCG3</i>	Upregulated

Table S1 (continued)

Table S1 (continued)

Commonly differentially expressed among GSE10006, GSE11784 AND GSE20257	
<i>PHEX</i>	Upregulated
<i>CBR1</i>	Upregulated
<i>STATH</i>	Upregulated
<i>SPRR1B</i>	Upregulated
<i>CYP4F11</i>	Upregulated
<i>PTPRH</i>	Upregulated
<i>EGF</i>	Upregulated
<i>DUOX2</i>	Upregulated
<i>MUC5AC</i>	Upregulated
<i>SCEL</i>	Upregulated
<i>HOXA1</i>	Upregulated
<i>NR0B1</i>	Upregulated
<i>LRR31</i>	Upregulated
<i>AKR1C3</i>	Upregulated
<i>CNGB1</i>	Upregulated
<i>CYP4F2</i>	Upregulated
<i>RP11-619L19.1</i>	Upregulated
<i>BMP4</i>	Upregulated
<i>MMP12</i>	Upregulated
<i>RP11-203B7.1</i>	Upregulated
<i>ENAM</i>	Upregulated
<i>CYP4F3</i>	Upregulated
<i>TREM2</i>	Upregulated
<i>CLDN10</i>	Upregulated
<i>NQO1</i>	Upregulated
<i>CTCFL</i>	Upregulated
<i>FCGR2B</i>	Upregulated
<i>DEFB1</i>	Upregulated
<i>UPK1B</i>	Upregulated
<i>RP11-524D16__A.3</i>	Upregulated
<i>PIR</i>	Upregulated
<i>PHLDA1</i>	Upregulated
<i>CBR3</i>	Upregulated
<i>BPIFA2</i>	Upregulated
<i>AKR1C1</i>	Upregulated
<i>C22orf42</i>	Upregulated
<i>ADM</i>	Upregulated
<i>SRXN1</i>	Upregulated
<i>mir-223</i>	Upregulated
<i>IL19</i>	Upregulated

Table S1 (continued)

Table S1 (continued)Commonly differentially expressed among GSE10006,
GSE11784 AND GSE20257

<i>DNAJC12</i>	Upregulated
<i>SIX3</i>	Upregulated
<i>PANX3</i>	Upregulated
<i>CALCA</i>	Upregulated
<i>RP13-238F13.5</i>	Upregulated
<i>KRT40</i>	Upregulated
<i>CDH2</i>	Upregulated
<i>CLIP4</i>	Upregulated
<i>CCL7</i>	Upregulated
<i>PLA2G7</i>	Upregulated
<i>ASCL3</i>	Upregulated
<i>REG3G</i>	Upregulated
<i>OSGIN1</i>	Upregulated
<i>HTR2B</i>	Upregulated
<i>FAM3B</i>	Upregulated
<i>SIGLEC11</i>	Upregulated
<i>TXNRD1</i>	Upregulated
<i>TMPRSS11E</i>	Upregulated
<i>SAMD5</i>	Upregulated
<i>PRSS50</i>	Upregulated
<i>BCL2A1</i>	Upregulated
<i>ATP6V0A4</i>	Upregulated
<i>CEMIP</i>	Upregulated
<i>LHX6</i>	Upregulated
<i>AGPAT9</i>	Upregulated
<i>BAALC</i>	Upregulated
<i>GFRA3</i>	Upregulated
<i>LOXHD1</i>	Upregulated
<i>PLAT</i>	Upregulated
<i>RP11-96H17.1</i>	Upregulated
<i>LINC00403</i>	Upregulated
<i>AKR1B1</i>	Upregulated
<i>ITGAX</i>	Upregulated
<i>FCN1</i>	Upregulated
<i>MCEMP1</i>	Upregulated
<i>OSTM1-AS1</i>	Upregulated
<i>C2orf70</i>	Upregulated
<i>HGD</i>	Upregulated
<i>TMCC3</i>	Upregulated
<i>ATXN8OS</i>	Upregulated

Table S1 (continued)**Table S1** (continued)Commonly differentially expressed among GSE10006,
GSE11784 AND GSE20257

<i>MRC1</i>	Upregulated
<i>PSG7</i>	Upregulated
<i>LOC101929591</i>	Upregulated
<i>DUSP5P1</i>	Upregulated
<i>HTATIP2</i>	Upregulated
<i>CLMP</i>	Upregulated
<i>MMP19</i>	Upregulated
<i>FOXD3-AS1</i>	Upregulated
<i>TKT</i>	Upregulated
<i>RNFT2</i>	Upregulated
<i>WDR72</i>	Upregulated
<i>SPINK5</i>	Upregulated
<i>NAV1</i>	Upregulated
<i>AZGP1</i>	Upregulated
<i>FAM20C</i>	Upregulated
<i>ADRB3</i>	Upregulated
<i>MTHFD2</i>	Upregulated
<i>CHST1</i>	Upregulated
<i>RP11-400N13.1</i>	Upregulated
<i>OR8D2</i>	Upregulated
<i>CD163L1</i>	Upregulated
<i>CD109</i>	Upregulated
<i>SMOC1</i>	Upregulated
<i>EPHB1</i>	Upregulated
<i>CPE</i>	Upregulated
<i>ATP8B5P</i>	Upregulated
<i>CACNA2D3</i>	Upregulated
<i>PTPRG-AS1</i>	Upregulated
<i>SLC2A3</i>	Upregulated
<i>LOC101927690</i>	Upregulated
<i>LOC285423</i>	Upregulated
<i>MLKL</i>	Upregulated
<i>LYPD3</i>	Upregulated
<i>CTHRC1</i>	Upregulated
<i>TUBB2B</i>	Upregulated
<i>ITLN1</i>	Downregulated
<i>NAV3</i>	Downregulated
<i>TACR1</i>	Downregulated
<i>LTF</i>	Downregulated
<i>MT1M</i>	Downregulated

Table S1 (continued)

Table S1 (*continued*)Commonly differentially expressed among GSE10006,
GSE11784 AND GSE20257

<i>SEC14L3</i>	Downregulated
<i>C3</i>	Downregulated
<i>TFPI2</i>	Downregulated
<i>HSD17B2</i>	Downregulated
<i>LOC100130744</i>	Downregulated
<i>PPP1R16B</i>	Downregulated
<i>KCNA1</i>	Downregulated
<i>TMEM45A</i>	Downregulated
<i>CX3CL1</i>	Downregulated
<i>CDKAL1</i>	Downregulated
<i>MAOB</i>	Downregulated
<i>NT5E</i>	Downregulated
<i>ZSCAN4</i>	Downregulated
<i>FAM65C</i>	Downregulated
<i>LOC338667</i>	Downregulated
<i>LOC100505874</i>	Downregulated
<i>AFAP1L1</i>	Downregulated
<i>NPAS3</i>	Downregulated
<i>WNK4</i>	Downregulated
<i>CNN3</i>	Downregulated
<i>SHISA9</i>	Downregulated
<i>RTN4RL1</i>	Downregulated
<i>AVPR1A</i>	Downregulated
<i>LOC283177</i>	Downregulated
<i>C8orf12</i>	Downregulated
<i>PLK2</i>	Downregulated
<i>ITM2A</i>	Downregulated
<i>MUC5B</i>	Downregulated
<i>SLIT2</i>	Downregulated
<i>FHOD3</i>	Downregulated
<i>FOXA2</i>	Downregulated
<i>SERPINB10</i>	Downregulated
<i>LOC100507560</i>	Downregulated
<i>PNMA2</i>	Downregulated
<i>C1QTNF4</i>	Downregulated
<i>CES1P1</i>	Downregulated
<i>ANO4</i>	Downregulated
<i>CCL20</i>	Downregulated
<i>SLC29A1</i>	Downregulated
<i>PCSK6</i>	Downregulated

Table S1 (*continued*)**Table S1** (*continued*)Commonly differentially expressed among GSE10006,
GSE11784 AND GSE20257

<i>PWAR5</i>	Downregulated
<i>THSD7A</i>	Downregulated
<i>TMEM178A</i>	Downregulated
<i>PROS1</i>	Downregulated
<i>GRM5</i>	Downregulated
<i>RP11-355F16.1</i>	Downregulated
<i>TPM2</i>	Downregulated
<i>SMIM1</i>	Downregulated
<i>CSGALNACT1</i>	Downregulated
<i>CYP4X1</i>	Downregulated
<i>PANK1</i>	Downregulated
<i>PCDH17</i>	Downregulated
<i>PYGO1</i>	Downregulated
<i>PRKAR2B</i>	Downregulated
<i>LAG3</i>	Downregulated
<i>ITGB2-AS1</i>	Downregulated
<i>PAX1</i>	Downregulated
<i>ZBTB16</i>	Downregulated
<i>VGLL3</i>	Downregulated
<i>SGCE</i>	Downregulated
<i>MGP</i>	Downregulated
<i>MMP7</i>	Downregulated

Table S2 Ferroptosis genes

FERROPTOSIS GENES
SLC7A11
GPX4
AKR1C1
AKR1C2
AKR1C3
RB1
HSPB1
HSF1
NFE2L2
SQSTM1
NQO1
HMOX1
FTH1
MUC1
MT1G
SLC40A1
CISD1
HSPA5
ATF4
TP53
HELLS
SCD
FADS2
SRC
STAT3
PML
NFS1
TP63
CDKN1A
MIR137
VDAC2
FH
CISD2
MIR9-1
MIR9-2

*Table S2 (continued)***Table S2** (continued)

FERROPTOSIS GENES
MIR9-3
CBS
ISCU
ACSL3
OTUB1
CD44
LINC00336
BRD4
PRDX6
MIR17
SESN2
NF2
ARNTL
HIF1A
JUN
CA9
TMBIM4
PLIN2
AIFM2
LAMP2
ZFP36
PROM2
CHMP5
CHMP6
CAV1
GCH1
PTGS2
DUSP1
NOS2
NCF2
MT3
UBC
ALB
TXNRD1
SRXN1

*Table S2 (continued)***Table S2** (continued)

FERROPTOSIS GENES
GPX2
BNIP3
OXSRI
SELENOS
ANGPTL7
CHAC1
DDIT4
LOC284561
ASNS
TSC22D3
DDIT3
JDP2
SLC1A4
PCK2
TXNIP
VLDLR
GPT2
PSAT1
LURAP1L
SLC7A5
HERPUD1
XBP1
ATF3
SLC3A2
ZNF419
KLHL24
TRIB3
ZFP69B
ATP6V1G2
VEGFA
GDF15
TUBE1
ARRDC3
CEBPG
SNORA16A

*Table S2 (continued)***Table S2** (continued)

FERROPTOSIS GENES
RGS4
BLOC1S5-TXNDC5
LOC390705
EIF2S1
HSD17B11
AGPAT3
SETD1B
TF
FTL
RPL8
ATP5MC3
TFRC
MAFG
DRD5
DRD4
MAP3K5
MAPK14
SLC2A1
SLC2A3
SLC2A6
SLC2A8
SLC2A12
GLUT13
SLC2A14
EIF2AK4
ALOX5
ALOX12
ALOX15
HMGB1
ELAVL1
HBA1
NNMT
PLIN4
HIC1
STMN1

Table S2 (continued)

Table S2 (*continued*)

FERROPTOSIS GENES
RRM2
CAPG
HNF4A
NGB
YWHAE
GABPB1
AURKA
MIR4715
RIPK1
PRDX1
MIR30B
IREB2
CS
EMC2
ACSF2
NOX1
CYBB
NOX3
NOX4
NOX5
DUOX1
DUOX2
G6PD
PGD
ACSL4
LPCAT3
NRAS
KRAS
HRAS
CARS1
KEAP1
ATG5
ATG7
NCOA4
ALOX12B

Table S2 (*continued*)**Table S2** (*continued*)

FERROPTOSIS GENES
ALOX15B
ALOXE3
PHKG2
SAT1
EGFR
MAPK3
MAPK1
ZEB1
DPP4
CDKN2A
PEBP1
SOCS1
CDO1
MYB
SLC1A5
LINC00472
GOT1
BECN1
PRKAA2
PRKAA1
BAP1
ABCC1
MIR6852
ACVR1B
TGFBR1
IFNG
ANO6
TNFAIP3
ATM
YY1AP1
EGLN2
MIOX
TAZ
MTDH
IDH1

Table S2 (*continued*)**Table S2** (*continued*)

FERROPTOSIS GENES
FBXW7
PANX1
DNAJB6
LONP1

Table S3 mRNA-miRNA pairs

ID	Target	TargetID
hsa-let-7e-5p	TXNRD1	7296
hsa-mir-26b-5p	TXNRD1	7296
hsa-mir-34a-5p	TXNRD1	7296
hsa-mir-186-5p	TXNRD1	7296
hsa-mir-155-5p	TXNRD1	7296
hsa-mir-409-3p	TXNRD1	7296
hsa-mir-504-5p	TXNRD1	7296
hsa-mir-505-3p	TXNRD1	7296
hsa-mir-421	TXNRD1	7296
hsa-mir-124-5p	TXNRD1	7296
hsa-mir-1323	TXNRD1	7296
hsa-mir-1298-5p	TXNRD1	7296
hsa-mir-1206	TXNRD1	7296
hsa-mir-1257	TXNRD1	7296
hsa-mir-548o-3p	TXNRD1	7296
hsa-mir-4272	TXNRD1	7296
hsa-mir-3611	TXNRD1	7296
hsa-mir-219b-5p	TXNRD1	7296
hsa-mir-4672	TXNRD1	7296
hsa-mir-4709-5p	TXNRD1	7296
hsa-mir-4714-3p	TXNRD1	7296
hsa-mir-5587-5p	TXNRD1	7296
hsa-mir-6768-5p	TXNRD1	7296
hsa-mir-6853-3p	TXNRD1	7296
hsa-mir-7159-5p	TXNRD1	7296
hsa-mir-1243	TXNRD1	7296
hsa-mir-124-3p	TXNRD1	7296
hsa-mir-125a-5p	TXNRD1	7296
hsa-mir-125b-5p	TXNRD1	7296
hsa-mir-130b-5p	TXNRD1	7296
hsa-mir-141-3p	TXNRD1	7296
hsa-mir-148a-3p	TXNRD1	7296
hsa-mir-148b-3p	TXNRD1	7296
hsa-mir-149-5p	TXNRD1	7296
hsa-mir-15b-3p	TXNRD1	7296
hsa-mir-16-5p	TXNRD1	7296
hsa-mir-181a-2-3p	TXNRD1	7296
hsa-mir-1825	TXNRD1	7296
hsa-mir-182-5p	TXNRD1	7296

Table S3 (continued)**Table S3** (continued)

ID	Target	TargetID
hsa-mir-191-5p	TXNRD1	7296
hsa-mir-193a-3p	TXNRD1	7296
hsa-mir-193b-3p	TXNRD1	7296
hsa-mir-196a-5p	TXNRD1	7296
hsa-mir-203a-3p	TXNRD1	7296
hsa-mir-21-3p	TXNRD1	7296
hsa-mir-224-5p	TXNRD1	7296
hsa-mir-22-5p	TXNRD1	7296
hsa-mir-23a-3p	TXNRD1	7296
hsa-mir-23b-3p	TXNRD1	7296
hsa-mir-24-1-5p	TXNRD1	7296
hsa-mir-24-2-5p	TXNRD1	7296
hsa-mir-24-3p	TXNRD1	7296
hsa-mir-25-3p	TXNRD1	7296
hsa-mir-26a-5p	TXNRD1	7296
hsa-mir-27a-5p	TXNRD1	7296
hsa-mir-29a-3p	TXNRD1	7296
hsa-mir-29b-3p	TXNRD1	7296
hsa-mir-29c-3p	TXNRD1	7296
hsa-mir-330-3p	TXNRD1	7296
hsa-mir-331-5p	TXNRD1	7296
hsa-mir-338-3p	TXNRD1	7296
hsa-mir-339-3p	TXNRD1	7296
hsa-mir-374c-5p	TXNRD1	7296
hsa-mir-376c-3p	TXNRD1	7296
hsa-mir-425-5p	TXNRD1	7296
hsa-mir-4422	TXNRD1	7296
hsa-mir-455-3p	TXNRD1	7296
hsa-mir-4766-3p	TXNRD1	7296
hsa-mir-500a-3p	TXNRD1	7296
hsa-mir-502-3p	TXNRD1	7296
hsa-mir-505-5p	TXNRD1	7296
hsa-mir-518a-5p	TXNRD1	7296
hsa-mir-522-5p	TXNRD1	7296
hsa-mir-527	TXNRD1	7296
hsa-mir-545-3p	TXNRD1	7296
hsa-mir-548n	TXNRD1	7296
hsa-mir-551b-5p	TXNRD1	7296
hsa-mir-575	TXNRD1	7296

Table S3 (continued)

Table S3 (continued)

ID	Target	TargetID
hsa-mir-587	TXNRD1	7296
hsa-mir-590-3p	TXNRD1	7296
hsa-mir-624-3p	TXNRD1	7296
hsa-mir-634	TXNRD1	7296
hsa-mir-7-1-3p	TXNRD1	7296
hsa-mir-7-2-3p	TXNRD1	7296
hsa-mir-935	TXNRD1	7296
hsa-mir-942-5p	TXNRD1	7296
hsa-mir-1-3p	TXNRD1	7296
hsa-mir-138-5p	TXNRD1	7296
hsa-mir-200b-3p	TXNRD1	7296
hsa-mir-423-5p	TXNRD1	7296
hsa-mir-374a-5p	TXNRD1	7296
hsa-mir-96-5p	SRXN1	140809
hsa-mir-1-3p	SRXN1	140809
hsa-mir-200a-5p	SRXN1	140809
hsa-mir-505-3p	SRXN1	140809
hsa-mir-600	SRXN1	140809
hsa-mir-200b-5p	SRXN1	140809
hsa-mir-150-3p	SRXN1	140809
hsa-mir-499a-3p	SRXN1	140809
hsa-mir-3974	SRXN1	140809
hsa-mir-499b-3p	SRXN1	140809
hsa-mir-5579-5p	SRXN1	140809
hsa-mir-6814-5p	SRXN1	140809
hsa-mir-6849-3p	SRXN1	140809
hsa-mir-7153-3p	SRXN1	140809
hsa-mir-103a-3p	SRXN1	140809
hsa-mir-155-5p	SRXN1	140809
hsa-mir-191-5p	SRXN1	140809
hsa-mir-10b-5p	SRXN1	140809
hsa-mir-124-3p	SRXN1	140809
hsa-mir-146a-5p	SRXN1	140809
hsa-mir-195-5p	SRXN1	140809
hsa-mir-34a-5p	SRXN1	140809
hsa-mir-7-5p	SRXN1	140809
hsa-mir-374a-5p	SRXN1	140809
hsa-mir-1	SRXN1	140809
hsa-mir-17-5p	SLC7A11	23657
hsa-mir-19a-3p	SLC7A11	23657

Table S3 (continued)

Table S3 (continued)

ID	Target	TargetID
hsa-mir-19b-3p	SLC7A11	23657
hsa-mir-20a-5p	SLC7A11	23657
hsa-mir-25-3p	SLC7A11	23657
hsa-mir-26b-5p	SLC7A11	23657
hsa-mir-27a-3p	SLC7A11	23657
hsa-mir-30a-5p	SLC7A11	23657
hsa-mir-32-5p	SLC7A11	23657
hsa-mir-92a-3p	SLC7A11	23657
hsa-mir-93-5p	SLC7A11	23657
hsa-mir-106a-5p	SLC7A11	23657
hsa-mir-192-5p	SLC7A11	23657
hsa-mir-181a-5p	SLC7A11	23657
hsa-mir-215-5p	SLC7A11	23657
hsa-mir-218-5p	SLC7A11	23657
hsa-mir-122-5p	SLC7A11	23657
hsa-mir-128-3p	SLC7A11	23657
hsa-mir-142-3p	SLC7A11	23657
hsa-mir-150-5p	SLC7A11	23657
hsa-mir-155-5p	SLC7A11	23657
hsa-mir-106b-5p	SLC7A11	23657
hsa-mir-302a-3p	SLC7A11	23657
hsa-mir-363-3p	SLC7A11	23657
hsa-mir-302b-3p	SLC7A11	23657
hsa-mir-302c-3p	SLC7A11	23657
hsa-mir-302d-3p	SLC7A11	23657
hsa-mir-367-3p	SLC7A11	23657
hsa-mir-372-3p	SLC7A11	23657
hsa-mir-373-3p	SLC7A11	23657
hsa-mir-148b-3p	SLC7A11	23657
hsa-mir-20b-5p	SLC7A11	23657
hsa-mir-329-3p	SLC7A11	23657
hsa-mir-410-3p	SLC7A11	23657
hsa-mir-489-3p	SLC7A11	23657
hsa-mir-512-3p	SLC7A11	23657
hsa-mir-498	SLC7A11	23657
hsa-mir-520e	SLC7A11	23657
hsa-mir-520a-3p	SLC7A11	23657
hsa-mir-526b-3p	SLC7A11	23657
hsa-mir-520b	SLC7A11	23657
hsa-mir-520c-3p	SLC7A11	23657

Table S3 (continued)

Table S3 (continued)

ID	Target	TargetID
hsa-mir-519d-3p	SLC7A11	23657
hsa-mir-520d-3p	SLC7A11	23657
hsa-mir-520g-3p	SLC7A11	23657
hsa-mir-520h	SLC7A11	23657
hsa-mir-500a-3p	SLC7A11	23657
hsa-mir-92b-3p	SLC7A11	23657
hsa-mir-587	SLC7A11	23657
hsa-mir-595	SLC7A11	23657
hsa-mir-603	SLC7A11	23657
hsa-mir-767-5p	SLC7A11	23657
hsa-mir-223-5p	SLC7A11	23657
hsa-mir-186-3p	SLC7A11	23657
hsa-mir-362-3p	SLC7A11	23657
hsa-mir-340-5p	SLC7A11	23657
hsa-mir-505-5p	SLC7A11	23657
hsa-mir-574-5p	SLC7A11	23657
hsa-mir-302e	SLC7A11	23657
hsa-mir-1279	SLC7A11	23657
hsa-mir-1281	SLC7A11	23657
hsa-mir-1976	SLC7A11	23657
hsa-mir-548t-5p	SLC7A11	23657
hsa-mir-3163	SLC7A11	23657
hsa-mir-4279	SLC7A11	23657
hsa-mir-4282	SLC7A11	23657
hsa-mir-3941	SLC7A11	23657
hsa-mir-4532	SLC7A11	23657
hsa-mir-3913-3p	SLC7A11	23657
hsa-mir-4640-3p	SLC7A11	23657
hsa-mir-4722-3p	SLC7A11	23657
hsa-mir-4731-5p	SLC7A11	23657
hsa-mir-4789-5p	SLC7A11	23657
hsa-mir-4789-3p	SLC7A11	23657
hsa-mir-5011-5p	SLC7A11	23657
hsa-mir-5089-5p	SLC7A11	23657
hsa-mir-5193	SLC7A11	23657
hsa-mir-5571-5p	SLC7A11	23657
hsa-mir-5589-5p	SLC7A11	23657
hsa-mir-5589-3p	SLC7A11	23657
hsa-mir-5683	SLC7A11	23657
hsa-mir-1247-3p	SLC7A11	23657

Table S3 (continued)**Table S3** (continued)

ID	Target	TargetID
hsa-mir-1277-5p	SLC7A11	23657
hsa-mir-548az-5p	SLC7A11	23657
hsa-mir-6504-3p	SLC7A11	23657
hsa-mir-6506-5p	SLC7A11	23657
hsa-mir-190a-3p	SLC7A11	23657
hsa-mir-619-5p	SLC7A11	23657
hsa-mir-548e-5p	SLC7A11	23657
hsa-mir-6727-3p	SLC7A11	23657
hsa-mir-6747-3p	SLC7A11	23657
hsa-mir-6778-3p	SLC7A11	23657
hsa-mir-6791-3p	SLC7A11	23657
hsa-mir-6826-5p	SLC7A11	23657
hsa-mir-6829-3p	SLC7A11	23657
hsa-mir-6835-3p	SLC7A11	23657
hsa-mir-6867-5p	SLC7A11	23657
hsa-mir-6874-5p	SLC7A11	23657
hsa-mir-1-5p	SLC7A11	23657
hsa-mir-3653-5p	SLC7A11	23657
hsa-mir-8485	SLC7A11	23657
hsa-let-7g-3p	SLC7A11	23657
hsa-mir-100-5p	SLC7A11	23657
hsa-mir-130a-3p	SLC7A11	23657
hsa-mir-130b-3p	SLC7A11	23657
hsa-mir-138-2-3p	SLC7A11	23657
hsa-mir-148a-5p	SLC7A11	23657
hsa-mir-17-3p	SLC7A11	23657
hsa-mir-181b-5p	SLC7A11	23657
hsa-mir-181c-5p	SLC7A11	23657
hsa-mir-181d-5p	SLC7A11	23657
hsa-mir-183-3p	SLC7A11	23657
hsa-mir-191-5p	SLC7A11	23657
hsa-mir-196a-5p	SLC7A11	23657
hsa-mir-196b-5p	SLC7A11	23657
hsa-mir-197-5p	SLC7A11	23657
hsa-mir-199a-3p	SLC7A11	23657
hsa-mir-199b-3p	SLC7A11	23657
hsa-mir-20a-3p	SLC7A11	23657
hsa-mir-217	SLC7A11	23657
hsa-mir-221-3p	SLC7A11	23657
hsa-mir-222-5p	SLC7A11	23657

Table S3 (continued)

Table S3 (continued)

ID	Target	TargetID
hsa-mir-26a-5p	SLC7A11	23657
hsa-mir-27b-3p	SLC7A11	23657
hsa-mir-301a-3p	SLC7A11	23657
hsa-mir-301b-3p	SLC7A11	23657
hsa-mir-30b-5p	SLC7A11	23657
hsa-mir-30c-5p	SLC7A11	23657
hsa-mir-30d-5p	SLC7A11	23657
hsa-mir-30e-5p	SLC7A11	23657
hsa-mir-3140-3p	SLC7A11	23657
hsa-mir-330-3p	SLC7A11	23657
hsa-mir-331-5p	SLC7A11	23657
hsa-mir-33a-5p	SLC7A11	23657
hsa-mir-34c-3p	SLC7A11	23657
hsa-mir-361-5p	SLC7A11	23657
hsa-mir-362-5p	SLC7A11	23657
hsa-mir-374a-3p	SLC7A11	23657
hsa-mir-374b-5p	SLC7A11	23657
hsa-mir-378g	SLC7A11	23657
hsa-mir-411-3p	SLC7A11	23657
hsa-mir-4317	SLC7A11	23657
hsa-mir-4517	SLC7A11	23657
hsa-mir-4766-3p	SLC7A11	23657
hsa-mir-500a-5p	SLC7A11	23657
hsa-mir-5010-3p	SLC7A11	23657
hsa-mir-501-5p	SLC7A11	23657
hsa-mir-513a-5p	SLC7A11	23657
hsa-mir-542-3p	SLC7A11	23657
hsa-mir-548at-5p	SLC7A11	23657
hsa-mir-548b-3p	SLC7A11	23657
hsa-mir-561-3p	SLC7A11	23657
hsa-mir-580-3p	SLC7A11	23657
hsa-mir-622	SLC7A11	23657
hsa-mir-624-5p	SLC7A11	23657
hsa-mir-654-5p	SLC7A11	23657
hsa-mir-935	SLC7A11	23657
hsa-mir-99a-5p	SLC7A11	23657
hsa-mir-1-3p	SLC7A11	23657
hsa-mir-103a-3p	SLC7A11	23657
hsa-mir-124-3p	SLC7A11	23657

Table S3 (continued)

Table S3 (continued)

ID	Target	TargetID
hsa-mir-494-3p	SLC7A11	23657
hsa-mir-503-5p	SLC7A11	23657
hsa-let-7b-5p	SLC7A11	23657
hsa-mir-10b-5p	SLC7A11	23657
hsa-mir-126-3p	SLC7A11	23657
hsa-mir-129-2-3p	SLC7A11	23657
hsa-mir-146a-5p	SLC7A11	23657
hsa-mir-147a	SLC7A11	23657
hsa-mir-182-5p	SLC7A11	23657
hsa-mir-200c-3p	SLC7A11	23657
hsa-mir-203a-3p	SLC7A11	23657
hsa-mir-205-5p	SLC7A11	23657
hsa-mir-214-3p	SLC7A11	23657
hsa-mir-224-5p	SLC7A11	23657
hsa-mir-375	SLC7A11	23657
hsa-mir-376a-5p	SLC7A11	23657
hsa-mir-452-5p	SLC7A11	23657
hsa-mir-671-5p	SLC7A11	23657
hsa-mir-7-5p	SLC7A11	23657
hsa-mir-941	SLC7A11	23657
hsa-mir-101-3p	SLC7A11	23657
hsa-mir-374a-5p	SLC7A11	23657
hsa-mir-122	SLC7A11	23657
hsa-mir-103a-3p	NQO1	1728
hsa-mir-107	NQO1	1728
hsa-mir-186-5p	NQO1	1728
hsa-mir-24-3p	NQO1	1728
hsa-mir-338-5p	NQO1	1728
hsa-mir-34a-5p	NQO1	1728
hsa-mir-375	NQO1	1728
hsa-mir-485-5p	NQO1	1728
hsa-mir-1-3p	NQO1	1728
hsa-mir-124-3p	NQO1	1728
hsa-mir-126-3p	NQO1	1728
hsa-mir-128-3p	NQO1	1728
hsa-mir-129-2-3p	NQO1	1728
hsa-mir-147a	NQO1	1728
hsa-mir-200c-3p	NQO1	1728
hsa-mir-205-5p	NQO1	1728

Table S3 (continued)

Table S3 (continued)

ID	Target	TargetID
hsa-mir-210-3p	NQO1	1728
hsa-mir-27a-3p	NQO1	1728
hsa-mir-7-5p	NQO1	1728
hsa-mir-941	NQO1	1728
hsa-mir-374a-5p	NQO1	1728
hsa-mir-17-3p	GPX2	2877
hsa-mir-335-5p	GPX2	2877
hsa-mir-1343-3p	GPX2	2877
hsa-mir-23b-3p	GPX2	2877
hsa-mir-124-3p	GPX2	2877
hsa-mir-191-5p	GPX2	2877
hsa-mir-210-3p	GPX2	2877
hsa-mir-517a-3p	GPX2	2877
hsa-mir-98-5p	AKR1C3	8644
hsa-mir-155-5p	AKR1C3	8644
hsa-mir-16-2-3p	AKR1C3	8644
hsa-mir-1-3p	AKR1C3	8644
hsa-mir-1343-3p	AKR1C3	8644
hsa-mir-23b-3p	AKR1C3	8644
hsa-mir-10b-5p	AKR1C3	8644
hsa-mir-129-2-3p	AKR1C3	8644
hsa-mir-146a-5p	AKR1C3	8644
hsa-mir-15b-3p	AKR1C3	8644
hsa-mir-195-5p	AKR1C3	8644
hsa-mir-200b-3p	AKR1C3	8644
hsa-mir-203a-3p	AKR1C3	8644
hsa-mir-21-3p	AKR1C3	8644
hsa-mir-210-3p	AKR1C3	8644
hsa-mir-212-3p	AKR1C3	8644
hsa-mir-221-3p	AKR1C3	8644
hsa-mir-222-3p	AKR1C3	8644
hsa-mir-26a-5p	AKR1C3	8644
hsa-mir-27a-5p	AKR1C3	8644
hsa-mir-29a-3p	AKR1C3	8644
hsa-mir-29c-3p	AKR1C3	8644
hsa-mir-483-5p	AKR1C3	8644
hsa-mir-374a-5p	AKR1C3	8644
hsa-mir-1-3p	AKR1C1	1645
hsa-mir-155-5p	AKR1C1	1645

Table S3 (continued)**Table S3** (continued)

ID	Target	TargetID
hsa-mir-130a-3p	AKR1C1	1645
hsa-mir-195-5p	AKR1C1	1645
hsa-mir-27a-3p	AKR1C1	1645
hsa-mir-374a-5p	AKR1C1	1645