

Table S4. ceRNA network of pseudogene-miRNA-mRNA.

pseudogene	miRNA	mRNA
PDCD6IPP2	hsa-miR-103a-3p	GPD1
PDCD6IPP2	hsa-miR-103a-3p	DAPK1
PDCD6IPP2	hsa-miR-103a-3p	PTEN
PDCD6IPP2	hsa-miR-103a-3p	ID2
PDCD6IPP2	hsa-miR-103a-3p	CDK6
PDCD6IPP2	hsa-miR-103a-3p	MYB
PDCD6IPP2	hsa-miR-103a-3p	PIEZO1
PDCD6IPP2	hsa-miR-103a-3p	RUNX2
PDCD6IPP2	hsa-miR-103a-3p	DVL1
PDCD6IPP2	hsa-miR-103a-3p	BNIP3
PDCD6IPP2	hsa-miR-103a-3p	CACNA1C
PDCD6IPP2	hsa-miR-107	PLAG1
PDCD6IPP2	hsa-miR-107	BACE1
PDCD6IPP2	hsa-miR-107	CDK6
PDCD6IPP2	hsa-miR-107	MYB
PDCD6IPP2	hsa-miR-107	VEGFA
PDCD6IPP2	hsa-miR-107	HIF1A
PDCD6IPP2	hsa-miR-107	GRN
PDCD6IPP2	hsa-miR-107	NFIA
PDCD6IPP2	hsa-miR-107	DAPK1
PDCD6IPP2	hsa-miR-107	PTEN
PDCD6IPP2	hsa-miR-107	AXIN2
PDCD6IPP2	hsa-miR-107	JAK1
PDCD6IPP2	hsa-miR-107	CLOCK
PDCD6IPP2	hsa-miR-107	NF1
PDCD6IPP2	hsa-miR-107	CDC42
PDCD6IPP2	hsa-miR-107	SIAH1
PDCD6IPP2	hsa-miR-126-5p	SLC45A3
PDCD6IPP2	hsa-miR-126-5p	ADAM9
PDCD6IPP2	hsa-miR-126-5p	CXCL12
PDCD6IPP2	hsa-miR-126-5p	VEGFA
PDCD6IPP2	hsa-miR-132-3p	CDKN1A
PDCD6IPP2	hsa-miR-132-3p	ARHGAP32
PDCD6IPP2	hsa-miR-132-3p	JPT1
PDCD6IPP2	hsa-miR-132-3p	KLHL11
PDCD6IPP2	hsa-miR-132-3p	RAF1
PDCD6IPP2	hsa-miR-132-3p	SOX4
PDCD6IPP2	hsa-miR-132-3p	SPRY1
PDCD6IPP2	hsa-miR-132-3p	MMP9

PDCD6IPP2	hsa-miR-132-3p	YY1AP1
PDCD6IPP2	hsa-miR-132-3p	PIK3R3
PDCD6IPP2	hsa-miR-132-3p	SLC2A1
NAPSB	hsa-miR-15a-5p	BMI1
NAPSB	hsa-miR-15a-5p	MYB
NAPSB	hsa-miR-15a-5p	BACE1
NAPSB	hsa-miR-15a-5p	DMTF1
NAPSB	hsa-miR-15a-5p	BRCA1
NAPSB	hsa-miR-15a-5p	TMEM184B
NAPSB	hsa-miR-15a-5p	UCP2
NAPSB	hsa-miR-15a-5p	VEGFA
NAPSB	hsa-miR-15a-5p	TSPYL2
NAPSB	hsa-miR-15a-5p	MN1
NAPSB	hsa-miR-15a-5p	PURA
NAPSB	hsa-miR-15a-5p	CARM1
NAPSB	hsa-miR-15a-5p	HSPA1B
NAPSB	hsa-miR-15a-5p	WEE1
NAPSB	hsa-miR-15a-5p	CHEK1
NAPSB	hsa-miR-15a-5p	RET
NAPSB	hsa-miR-15a-5p	IL10RA
NAPSB	hsa-miR-15b-5p	RECK
NAPSB	hsa-miR-15b-5p	VEGFA
NAPSB	hsa-miR-15b-5p	EIF4A1
NAPSB	hsa-miR-15b-5p	AXIN2
NAPSB	hsa-miR-15b-5p	PURA
NAPSB	hsa-miR-15b-5p	CHEK1
NAPSB	hsa-miR-15b-5p	SMAD7
NAPSB	hsa-miR-15b-5p	CRIM1
NAPSB	hsa-miR-15b-5p	WEE1
NAPSB	hsa-miR-15b-5p	FUT2
NAPSB	hsa-miR-15b-5p	INSR
NAPSB	hsa-miR-15b-5p	CCND3
NAPSB	hsa-miR-15b-5p	SOCS3
NAPSB	hsa-miR-15b-5p	TGFB1
NAPSB	hsa-miR-15b-5p	BAX
NAPSB	hsa-miR-15b-5p	RAB1A
NAPSB	hsa-miR-15b-5p	MMP9
NAPSB	hsa-miR-15b-5p	OIP5
NAPSB	hsa-miR-16-5p	BMI1
NAPSB	hsa-miR-16-5p	CDK6
NAPSB	hsa-miR-16-5p	CCND3
NAPSB	hsa-miR-16-5p	PURA
NAPSB	hsa-miR-16-5p	PTGS2

NAPSB	hsa-miR-16-5p	ARHGDI3
NAPSB	hsa-miR-16-5p	BRCA1
NAPSB	hsa-miR-16-5p	VEGFA
NAPSB	hsa-miR-16-5p	MYB
NAPSB	hsa-miR-16-5p	ZYX
NAPSB	hsa-miR-16-5p	AXIN2
NAPSB	hsa-miR-16-5p	FGFR1
NAPSB	hsa-miR-16-5p	PIM1
NAPSB	hsa-miR-16-5p	RECK
NAPSB	hsa-miR-16-5p	MTOR
NAPSB	hsa-miR-16-5p	MAP7
NAPSB	hsa-miR-16-5p	WEE1
NAPSB	hsa-miR-16-5p	IGF1R
NAPSB	hsa-miR-16-5p	RAF1
NAPSB	hsa-miR-16-5p	CHEK1
NAPSB	hsa-miR-16-5p	HDGF
NAPSB	hsa-miR-16-5p	BACE1
NAPSB	hsa-miR-16-5p	ADORA2A
NAPSB	hsa-miR-16-5p	SOCS3
NAPSB	hsa-miR-16-5p	HGF
NAPSB	hsa-miR-195-5p	WEE1
NAPSB	hsa-miR-195-5p	CDK6
NAPSB	hsa-miR-195-5p	VEGFA
NAPSB	hsa-miR-195-5p	CCL4
NAPSB	hsa-miR-195-5p	RAF1
NAPSB	hsa-miR-195-5p	RUNX2
NAPSB	hsa-miR-195-5p	SLC2A3
NAPSB	hsa-miR-195-5p	TBCCD1
NAPSB	hsa-miR-195-5p	CCND3
NAPSB	hsa-miR-195-5p	CDC42
NAPSB	hsa-miR-195-5p	CAB39
NAPSB	hsa-miR-195-5p	MYB
NAPSB	hsa-miR-195-5p	CHEK1
NAPSB	hsa-miR-195-5p	INSR
NAPSB	hsa-miR-195-5p	RET
NAPSB	hsa-miR-195-5p	SMAD7
NAPSB	hsa-miR-195-5p	KIAA0100
NAPSB	hsa-miR-424-5p	CDC14A
NAPSB	hsa-miR-424-5p	CHEK1
NAPSB	hsa-miR-424-5p	WEE1
NAPSB	hsa-miR-424-5p	ANLN
NAPSB	hsa-miR-424-5p	PLAG1
NAPSB	hsa-miR-424-5p	CCND3

NAPSB	hsa-miR-424-5p	CDK6
NAPSB	hsa-miR-424-5p	ITPR1
NAPSB	hsa-miR-424-5p	FGFR1
NAPSB	hsa-miR-424-5p	NFIA
NAPSB	hsa-miR-424-5p	MYB
NAPSB	hsa-miR-424-5p	SIAH1
NAPSB	hsa-miR-424-5p	HIF1A
NAPSB	hsa-miR-424-5p	SPI1
NAPSB	hsa-miR-424-5p	SOCS6
NAPSB	hsa-miR-424-5p	SMAD7
NAPSB	hsa-miR-424-5p	TGFBR3
NAPSB	hsa-miR-424-5p	SOCS2
NAPSB	hsa-miR-424-5p	KDM5B
NAPSB	hsa-miR-497-5p	RAF1
NAPSB	hsa-miR-497-5p	RUNX2
NAPSB	hsa-miR-497-5p	IGF1R
NAPSB	hsa-miR-497-5p	WEE1
NAPSB	hsa-miR-497-5p	HDGF
NAPSB	hsa-miR-497-5p	CHEK1
NAPSB	hsa-miR-497-5p	CCND3
NAPSB	hsa-miR-497-5p	SMAD7
NAPSB	hsa-miR-497-5p	AMOT
NAPSB	hsa-miR-497-5p	PBX3
NAPSB	hsa-miR-497-5p	MTOR
NAPSB	hsa-miR-497-5p	ESRRA
HLA-K	hsa-miR-124-3p	BACE1
HLA-K	hsa-miR-124-3p	CEBPA
HLA-K	hsa-miR-124-3p	UHRF1
HLA-K	hsa-miR-124-3p	MAPK14
HLA-K	hsa-miR-124-3p	RELA
HLA-K	hsa-miR-124-3p	CDK6
HLA-K	hsa-miR-124-3p	AHR
HLA-K	hsa-miR-124-3p	B4GALT1
HLA-K	hsa-miR-124-3p	IQGAP1
HLA-K	hsa-miR-124-3p	MYO10
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HLA-K	hsa-miR-124-3p	PEA15
HLA-K	hsa-miR-124-3p	ROCK2
HLA-K	hsa-miR-124-3p	IL6R
HLA-K	hsa-miR-124-3p	RRAS
HLA-K	hsa-miR-124-3p	SPHK1

HLA-K	hsa-miR-124-3p	CD151
HLA-K	hsa-miR-124-3p	CAPNS1
HLA-K	hsa-miR-124-3p	EGR1
HLA-K	hsa-miR-124-3p	TRIB3
HLA-K	hsa-miR-124-3p	STAT3
HLA-K	hsa-miR-124-3p	RAC1
HLA-K	hsa-miR-124-3p	JAG1
HLA-K	hsa-miR-124-3p	CLOCK
HLA-K	hsa-miR-124-3p	REST
HLA-K	hsa-miR-124-3p	AMOTL1
HLA-K	hsa-miR-124-3p	PIM1
HLA-K	hsa-miR-124-3p	SOS1
HLA-K	hsa-miR-124-3p	ITGB3
HLA-K	hsa-miR-124-3p	XRCC6
HLA-K	hsa-miR-124-3p	FLOT1
HLA-K	hsa-miR-124-3p	CD274
HLA-K	hsa-miR-124-3p	CASC3
HLA-K	hsa-miR-124-3p	DNMT3B
HLA-K	hsa-miR-124-3p	SMOX
HLA-K	hsa-miR-140-3p	NRIP1
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HLA-K	hsa-miR-140-3p	GPC1
HLA-K	hsa-miR-15a-5p	BMI1
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HLA-K	hsa-miR-15a-5p	BACE1
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HLA-K	hsa-miR-15a-5p	CARM1
HLA-K	hsa-miR-15a-5p	HSPA1B
HLA-K	hsa-miR-15a-5p	WEE1
HLA-K	hsa-miR-15a-5p	CHEK1
HLA-K	hsa-miR-15a-5p	RET
HLA-K	hsa-miR-15a-5p	IL10RA
HLA-K	hsa-miR-15b-5p	RECK
HLA-K	hsa-miR-15b-5p	VEGFA

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HLA-K	hsa-miR-15b-5p	SMAD7
HLA-K	hsa-miR-15b-5p	CRIM1
HLA-K	hsa-miR-15b-5p	WEE1
HLA-K	hsa-miR-15b-5p	FUT2
HLA-K	hsa-miR-15b-5p	INSR
HLA-K	hsa-miR-15b-5p	CCND3
HLA-K	hsa-miR-15b-5p	SOCS3
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HLA-K	hsa-miR-15b-5p	BAX
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HLA-K	hsa-miR-15b-5p	OIP5
HLA-K	hsa-miR-16-5p	BMI1
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HLA-K	hsa-miR-16-5p	CCND3
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HLA-K	hsa-miR-16-5p	MAP7
HLA-K	hsa-miR-16-5p	WEE1
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HLA-K	hsa-miR-16-5p	RAF1
HLA-K	hsa-miR-16-5p	CHEK1
HLA-K	hsa-miR-16-5p	HDGF
HLA-K	hsa-miR-16-5p	BACE1
HLA-K	hsa-miR-16-5p	ADORA2A
HLA-K	hsa-miR-16-5p	SOCS3
HLA-K	hsa-miR-16-5p	HGF
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HLA-K	hsa-miR-183-5p	EGR1

HLA-K	hsa-miR-183-5p	LRP6
HLA-K	hsa-miR-183-5p	BMI1
HLA-K	hsa-miR-183-5p	NFIL3
HLA-K	hsa-miR-183-5p	PTPA
HLA-K	hsa-miR-183-5p	PCLAF
HLA-K	hsa-miR-183-5p	RECK
HLA-K	hsa-miR-183-5p	SOCS6
HLA-K	hsa-miR-195-5p	WEE1
HLA-K	hsa-miR-195-5p	CDK6
HLA-K	hsa-miR-195-5p	VEGFA
HLA-K	hsa-miR-195-5p	CCL4
HLA-K	hsa-miR-195-5p	RAF1
HLA-K	hsa-miR-195-5p	RUNX2
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HLA-K	hsa-miR-195-5p	INSR
HLA-K	hsa-miR-195-5p	RET
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HLA-K	hsa-miR-199a-5p	APOE
HLA-K	hsa-miR-199a-5p	DNAJA4
HLA-K	hsa-miR-199a-5p	PTGS2
HLA-K	hsa-miR-199a-5p	LIN7A
HLA-K	hsa-miR-199a-5p	NECTIN1
HLA-K	hsa-miR-199a-5p	MAFB
HLA-K	hsa-miR-199a-5p	ACVR1B
HLA-K	hsa-miR-199a-5p	VEGFA
HLA-K	hsa-miR-199a-5p	SNAI1
HLA-K	hsa-miR-199a-5p	JAG1

HLA-K	hsa-miR-199a-5p	HK2
HLA-K	hsa-miR-199a-5p	ETS1
HLA-K	hsa-miR-199a-5p	CCR7
HLA-K	hsa-miR-199a-5p	PIK3CD
HLA-K	hsa-miR-199a-5p	OSCP1
HLA-K	hsa-miR-199a-5p	PSMD9
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HLA-K	hsa-miR-199a-5p	MAP4K3
HLA-K	hsa-miR-199b-5p	HES1
HLA-K	hsa-miR-199b-5p	PODXL
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HLA-K	hsa-miR-214-3p	FGFR1
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HLA-K	hsa-miR-214-3p	PIM1
HLA-K	hsa-miR-214-3p	CDK6
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HLA-K	hsa-miR-214-3p	POR
HLA-K	hsa-miR-214-3p	GSR
HLA-K	hsa-miR-214-3p	BAX
HLA-K	hsa-miR-214-3p	CD274
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HLA-K	hsa-miR-214-3p	CPD
HLA-K	hsa-miR-22-3p	PPARA
HLA-K	hsa-miR-22-3p	MAOA
HLA-K	hsa-miR-22-3p	RGS2
HLA-K	hsa-miR-22-3p	ARPC5
HLA-K	hsa-miR-22-3p	PTMS
HLA-K	hsa-miR-22-3p	PTEN

HLA-K	hsa-miR-22-3p	CDKN1A
HLA-K	hsa-miR-22-3p	CD151
HLA-K	hsa-miR-22-3p	LGALS1
HLA-K	hsa-miR-22-3p	HIF1A
HLA-K	hsa-miR-22-3p	BSG
HLA-K	hsa-miR-22-3p	BMP6
HLA-K	hsa-miR-22-3p	NET1
HLA-K	hsa-miR-22-3p	BTG1
HLA-K	hsa-miR-22-3p	SLC2A1
HLA-K	hsa-miR-22-3p	TCF7
HLA-K	hsa-miR-22-3p	LGALS9
HLA-K	hsa-miR-22-3p	SNAI1
HLA-K	hsa-miR-22-3p	CXCR2
HLA-K	hsa-miR-22-3p	MTA1
HLA-K	hsa-miR-22-3p	ERBB2
HLA-K	hsa-miR-296-5p	BBC3
HLA-K	hsa-miR-296-5p	PIN1
HLA-K	hsa-miR-296-5p	FGFR1
HLA-K	hsa-miR-296-5p	VEGFA
HLA-K	hsa-miR-296-5p	CASP8
HLA-K	hsa-miR-335-5p	TNC
HLA-K	hsa-miR-335-5p	PTPRN2
HLA-K	hsa-miR-335-5p	SOX4
HLA-K	hsa-miR-335-5p	ARPC5L
HLA-K	hsa-miR-335-5p	UBE2F
HLA-K	hsa-miR-335-5p	RUNX2
HLA-K	hsa-miR-335-5p	LRG1
HLA-K	hsa-miR-335-5p	BRCA1
HLA-K	hsa-miR-335-5p	IGF1R
HLA-K	hsa-miR-335-5p	ZEB2
HLA-K	hsa-miR-335-5p	DAAM2
HLA-K	hsa-miR-335-5p	SIAH2
HLA-K	hsa-miR-335-5p	CXCR4
HLA-K	hsa-miR-335-5p	PLAUR
HLA-K	hsa-miR-3619-5p	PLD2
HLA-K	hsa-miR-423-5p	FAM3A
HLA-K	hsa-miR-424-5p	CDC14A
HLA-K	hsa-miR-424-5p	CHEK1
HLA-K	hsa-miR-424-5p	WEE1
HLA-K	hsa-miR-424-5p	ANLN
HLA-K	hsa-miR-424-5p	PLAG1
HLA-K	hsa-miR-424-5p	CCND3
HLA-K	hsa-miR-424-5p	CDK6

HLA-K	hsa-miR-424-5p	ITPR1
HLA-K	hsa-miR-424-5p	FGFR1
HLA-K	hsa-miR-424-5p	NFIA
HLA-K	hsa-miR-424-5p	MYB
HLA-K	hsa-miR-424-5p	SIAH1
HLA-K	hsa-miR-424-5p	HIF1A
HLA-K	hsa-miR-424-5p	SPI1
HLA-K	hsa-miR-424-5p	SOCS6
HLA-K	hsa-miR-424-5p	SMAD7
HLA-K	hsa-miR-424-5p	TGFBR3
HLA-K	hsa-miR-424-5p	SOCS2
HLA-K	hsa-miR-424-5p	KDM5B
HLA-K	hsa-miR-497-5p	RAF1
HLA-K	hsa-miR-497-5p	RUNX2
HLA-K	hsa-miR-497-5p	IGF1R
HLA-K	hsa-miR-497-5p	WEE1
HLA-K	hsa-miR-497-5p	HDGF
HLA-K	hsa-miR-497-5p	CHEK1
HLA-K	hsa-miR-497-5p	CCND3
HLA-K	hsa-miR-497-5p	SMAD7
HLA-K	hsa-miR-497-5p	AMOT
HLA-K	hsa-miR-497-5p	PBX3
HLA-K	hsa-miR-497-5p	MTOR
HLA-K	hsa-miR-497-5p	ESRRA
HLA-K	hsa-miR-506-3p	CD151
HLA-K	hsa-miR-506-3p	CDK6
HLA-K	hsa-miR-506-3p	SNAI1
HLA-K	hsa-miR-506-3p	ETS1
HLA-K	hsa-miR-506-3p	SPHK1
HLA-K	hsa-miR-506-3p	DNMT3B
HLA-K	hsa-miR-506-3p	IQGAP1
HLA-K	hsa-miR-506-3p	COTL1
HLA-K	hsa-miR-506-3p	PIM3
HLA-K	hsa-miR-506-3p	FLOT1
HLA-K	hsa-miR-589-5p	PTGS2
HLA-K	hsa-miR-761	MFN2
GTF2IP4	hsa-miR-1-3p	CEBPA
GTF2IP4	hsa-miR-1-3p	ANXA2
GTF2IP4	hsa-miR-1-3p	XPO6
GTF2IP4	hsa-miR-1-3p	TAGLN2
GTF2IP4	hsa-miR-1-3p	LASP1
GTF2IP4	hsa-miR-1-3p	ADAR
GTF2IP4	hsa-miR-1-3p	KCNE1

GTF2IP4	hsa-miR-1-3p	G6PD
GTF2IP4	hsa-miR-1-3p	ATP6V1B2
GTF2IP4	hsa-miR-1-3p	LARP4
GTF2IP4	hsa-miR-1-3p	CNN3
GTF2IP4	hsa-miR-1-3p	SRXN1
GTF2IP4	hsa-miR-1-3p	PIM1
GTF2IP4	hsa-miR-1-3p	PPP2R5A
GTF2IP4	hsa-miR-1-3p	TWF2
GTF2IP4	hsa-miR-1-3p	NOTCH3
GTF2IP4	hsa-miR-1-3p	SLC8A1
GTF2IP4	hsa-miR-1-3p	EDN1
GTF2IP4	hsa-miR-1-3p	FABP3
GTF2IP4	hsa-miR-1-3p	PGD
GTF2IP4	hsa-miR-1-3p	YWHAZ
GTF2IP4	hsa-miR-1-3p	TKT
GTF2IP4	hsa-miR-1-3p	ETS1
GTF2IP4	hsa-miR-1-3p	FRS2
GTF2IP4	hsa-miR-1-3p	FZD7
GTF2IP4	hsa-miR-1-3p	NAIP
GTF2IP4	hsa-miR-1-3p	VEGFA
GTF2IP4	hsa-miR-1-3p	CXCL12
GTF2IP4	hsa-miR-129-5p	AGO3
GTF2IP4	hsa-miR-129-5p	SOX4
GTF2IP4	hsa-miR-129-5p	UBE2F
GTF2IP4	hsa-miR-129-5p	CDK6
GTF2IP4	hsa-miR-129-5p	ABCG1
GTF2IP4	hsa-miR-129-5p	APC
GTF2IP4	hsa-miR-129-5p	RET
GTF2IP4	hsa-miR-129-5p	IGF2BP3
GTF2IP4	hsa-miR-183-5p	EZR
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GTF2IP4	hsa-miR-199a-3p	CAV2
GTF2IP4	hsa-miR-199a-3p	MTOR

GTF2IP4	hsa-miR-199a-3p	STK11
GTF2IP4	hsa-miR-199a-3p	PTGS2
GTF2IP4	hsa-miR-199a-3p	DNAJA4
GTF2IP4	hsa-miR-199a-3p	APOE
GTF2IP4	hsa-miR-199a-3p	ZHX1
GTF2IP4	hsa-miR-199a-3p	HGF
GTF2IP4	hsa-miR-199a-3p	VEGFA
GTF2IP4	hsa-miR-199a-3p	FLT1
GTF2IP4	hsa-miR-206	NOTCH3
GTF2IP4	hsa-miR-206	NRP1
GTF2IP4	hsa-miR-206	TKT
GTF2IP4	hsa-miR-206	PGD
GTF2IP4	hsa-miR-206	G6PD
GTF2IP4	hsa-miR-206	VAMP2
GTF2IP4	hsa-miR-206	ANXA2
GTF2IP4	hsa-miR-206	VEGFA
GTF2IP4	hsa-miR-206	SOD1
GTF2IP4	hsa-miR-212-5p	MAF
FTH1P8	hsa-miR-130a-5p	PTEN
FTH1P8	hsa-miR-134-5p	VEGFA
FTH1P8	hsa-miR-134-5p	ABCC1
FTH1P8	hsa-miR-134-5p	FOXO1
FTH1P8	hsa-miR-134-5p	STAT5B
FTH1P8	hsa-miR-134-5p	ERBB2
FTH1P8	hsa-miR-134-5p	ZDHHC9
FTH1P8	hsa-miR-134-5p	ANGPTL4
FTH1P8	hsa-miR-134-5p	RAB27A
FTH1P8	hsa-miR-135a-5p	APC
FTH1P8	hsa-miR-135a-5p	SMAD5
FTH1P8	hsa-miR-135a-5p	STAT6
FTH1P8	hsa-miR-135a-5p	VLDLR
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FTH1P8	hsa-miR-135a-5p	SIAH1
FTH1P8	hsa-miR-135a-5p	ESRRA
FTH1P8	hsa-miR-135a-5p	RUNX2
FTH1P8	hsa-miR-135a-5p	ROCK2
FTH1P8	hsa-miR-135a-5p	DAPK2
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FTH1P8	hsa-miR-135a-5p	CEBPD
FTH1P8	hsa-miR-135b-5p	APC
FTH1P8	hsa-miR-135b-5p	MAFB
FTH1P8	hsa-miR-135b-5p	PPP2R5C
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FTH1P8	hsa-miR-135b-5p	ACVR1B
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FTH1P8	hsa-miR-135b-5p	EVI5
FTH1P8	hsa-miR-135b-5p	STAT6
FTH1P8	hsa-miR-182-5p	CDKN1A
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FTH1P8	hsa-miR-182-5p	FLOT1
FTH1P8	hsa-miR-182-5p	PTEN
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FTH1P8	hsa-miR-218-5p	CDKN1B
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FTH1P8	hsa-miR-218-5p	CDK6
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FTH1P8	hsa-miR-218-5p	MITF
FTH1P8	hsa-miR-218-5p	OTUD7B
FTH1P8	hsa-miR-218-5p	RUNX2
FTH1P8	hsa-miR-218-5p	RET
FTH1P8	hsa-miR-218-5p	SH3GL1

FTH1P8	hsa-miR-218-5p	LGR4
FTH1P8	hsa-miR-218-5p	SMO
FTH1P8	hsa-miR-218-5p	E2F2
FTH1P8	hsa-miR-218-5p	HMOX1
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FTH1P8	hsa-miR-218-5p	MMP2
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DPY19L1P1	hsa-miR-136-5p	RASAL2
DPY19L1P1	hsa-miR-142-5p	TGFBR2
DPY19L1P1	hsa-miR-142-5p	RAC1
DPY19L1P1	hsa-miR-142-5p	HIF1A
DPY19L1P1	hsa-miR-142-5p	SOCS1
DPY19L1P1	hsa-miR-142-5p	PTEN
DPY19L1P1	hsa-miR-224-3p	FUT4
DPY19L1P1	hsa-miR-300	BMI1
DPY19L1P1	hsa-miR-381-3p	WEE1
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DPY19L1P1	hsa-miR-381-3p	NFKBIA
DPY19L1P1	hsa-miR-382-5p	PTEN
DPY19L1P1	hsa-miR-382-5p	MXD1
DPY19L1P1	hsa-miR-382-5p	NFIA
DPY19L1P1	hsa-miR-382-5p	YBX1
CCDC150P1	hsa-miR-9-3p	GNAI1
CCDC150P1	hsa-miR-9-3p	MAPK3
CCDC150P1	hsa-miR-9-3p	MMP9
CCDC150P1	hsa-miR-9-3p	PPARA
CCDC150P1	hsa-miR-9-3p	DMD
CCDC150P1	hsa-miR-9-3p	DLG1
CCDC150P1	hsa-miR-9-3p	TAZ
CCDC150P1	hsa-miR-9-3p	HES1
CCDC150P1	hsa-miR-9-3p	CBX7