

Table S8: Pairwise interactions of the process-specific subnetworks (as represented in Figure 5)

METABOLIC PROCESS			
miRNA	Target Gene	TF	Target Gene
hsa-miR-30a-5p	ABL1	TP53	ADARB1
hsa-miR-17-5p	ADARB1	ETS1	ALDH4A1
hsa-miR-93-5p	ADARB1	HIF1A	ARID1B
hsa-miR-128-3p	ALDH4A1	TP53	ASH1L
hsa-miR-204-5p	ALPL	SP1	ATF2
hsa-miR-520c-3p	APP	TP53	BTG2
hsa-miR-92a-3p	ARID1B	ETS1	CAMTA1
hsa-miR-92b-3p	ARID1B	FOS	CAMTA1
hsa-miR-103a-3p	ASH1L	MITF	CAMTA1
hsa-miR-16-5p	ASH1L	TP53	CAPN2
hsa-miR-19b-3p	ATF2	Ets1	CTGF
hsa-miR-127-3p	BCL6	ETS1	CTGF
hsa-miR-16-5p	BTG2	TP53	DDAH1
hsa-miR-129-5p	CAMTA1	TP53	DDAH1
hsa-miR-34a-5p	CAMTA1	HIF1A	DNAJB9
hsa-miR-101-3p	CAPN2	HIF1A	DPYSL2
hsa-miR-130b-3p	CBFB	E2F1	E2F1
hsa-miR-124-3p	CBX2	HIF1A	EGFR
hsa-miR-17-5p	CCND1	SP1	EGFR
hsa-miR-107	CDK6	SP1	FN1
hsa-miR-137	CDK6	TP53	GADD45A
hsa-miR-18a-5p	CTGF	TP53	GADD45A
hsa-miR-30b-5p	DDAH1	FOS	GATAD2A
hsa-miR-32-5p	DNAJB9	FOS	GATAD2B
hsa-miR-17-5p	DPYSL2	FOS	GRK6
hsa-miR-30c-5p	DPYSL2	FOS	HBP1
hsa-miR-106a-5p	E2F1	STAT3	IRF1

hsa-miR-106b-5p	E2F1	TP53	JAK1	E2F1	hsa-miR-18b
hsa-miR-17-5p	E2F1	FOS	MTMR12	E2F1	hsa-miR-195
hsa-miR-20a-5p	E2F1	FOS	MTMR4	E2F1	hsa-miR-19a
hsa-miR-330-3p	E2F1	ETS1	MTOR	E2F1	hsa-miR-19b
hsa-miR-93-5p	E2F1	FOS	MTOR	E2F1	hsa-miR-19b-2
hsa-miR-133a-3p	EGFR	MITF	MTOR	E2F1	hsa-miR-20a
hsa-miR-133b	EGFR	FOS	MXD4	E2F1	hsa-miR-20b
hsa-miR-27a-3p	EGFR	E2F1	MYB	E2F1	hsa-miR-223
hsa-miR-125b-5p	ETS1	E2F1	MYC	E2F1	hsa-miR-25
hsa-miR-155-5p	ETS1	HIF1A	NAA30	E2F1	hsa-miR-363
hsa-miR-208a-3p	ETS1	FOS	NLK	E2F1	hsa-miR-449a
hsa-miR-129-5p	ETV6	TP53	NOTCH2	E2F1	hsa-miR-449a
hsa-miR-200b-3p	FN1	TP53	NOTCH2	E2F1	hsa-miR-449b
hsa-miR-200c-3p	FN1	TP53	OSBPL9	E2F1	hsa-miR-449b
hsa-miR-374a-5p	GADD45A	HIF1A	PCBP1	E2F1	hsa-miR-449c
hsa-miR-16-5p	GATAD2A	HIF1A	PCMTD1	E2F1	hsa-miR-92a
hsa-miR-590-3p	GATAD2B	HIF1A	PDE4D	E2F1	hsa-miR-92a-2
hsa-miR-19a-3p	GRK6	HIF1A	PFKFB3	E2F1	hsa-miR-93
hsa-miR-17-5p	HBP1	ETS1	PIK3CD	EGFR	hsa-miR-133a-3p
hsa-miR-19b-3p	HBP1	MITF	PIK3CD	EGFR	hsa-miR-133b
hsa-miR-29a-3p	HBP1	TP53	PKN2	EGFR	hsa-miR-27a-3p
hsa-miR-196a-5p	HOXA7	TP53	PKN2	EGFR	hsa-miR-21
hsa-miR-383-5p	IRF1	HIF1A	PLOD2	ETS1	hsa-miR-125b-5p
hsa-miR-93-5p	IRF1	HIF1A	PPID	ETS1	hsa-miR-155-5p
hsa-miR-106b-5p	JAK1	HIF1A	PRDM1	ETS1	hsa-miR-208a-3p
hsa-miR-17-5p	JAK1	MITF	PRDM16	ETS1	hsa-miR-146a
hsa-miR-221-3p	KIT	HIF1A	PRKAB2	ETS1	hsa-miR-222
hsa-miR-222-3p	KIT	TP53	PTPRF	IRF1	hsa-miR-383-5p
hsa-miR-19b-3p	KLF10	TP53	PTPRF	IRF1	hsa-miR-93-5p
hsa-miR-30b-5p	KLF10	HIF1A	PXDN	IRF1	hsa-miR-155
hsa-miR-141-3p	KLF11	HIF1A	RAD23B	MITF	hsa-miR-137

hsa-miR-200a-3p	KLF11	SP1	RB1	MITF	hsa-miR-182-5p
hsa-miR-93-5p	KLF11	ETS1	RERE	MITF	hsa-miR-211
hsa-miR-9-5p	LDLRAP1	HIF1A	RERE	MYB	hsa-miR-150-5p
hsa-miR-370-3p	MAP3K8	MITF	RERE	MYB	hsa-miR-148a
hsa-miR-23b-3p	MCFD2	HIF1A	RLF	MYB	hsa-miR-155
hsa-miR-93-5p	MED12L	HIF1A	RRM2	MYC	hsa-miR-34c-5p
hsa-miR-137	MITF	TP53	RUNX3	MYC	hsa-let-7
hsa-miR-182-5p	MITF	TP53	RUNX3	MYC	hsa-let-7a
hsa-miR-1	MTMR12	FOS	SERTAD2	MYC	hsa-let-7a-1
hsa-miR-181a-5p	MTMR12	TP53	SMG7	MYC	hsa-let-7b
hsa-miR-103a-3p	MTMR4	TP53	SMG7	MYC	hsa-let-7c
hsa-miR-100-5p	MTOR	HIF1A	SOCS6	MYC	hsa-let-7d
hsa-miR-99a-5p	MTOR	FOS	SP1	MYC	hsa-let-7d
hsa-miR-99b-5p	MTOR	SP1	SP3	MYC	hsa-let-7e
hsa-miR-1	MXD4	HIF1A	STAMBP	MYC	hsa-let-7f
hsa-miR-150-5p	MYB	FOS	STK40	MYC	hsa-let-7f-1
hsa-miR-34c-5p	MYC	FOS	STT3A	MYC	hsa-let-7g
hsa-miR-130b-3p	NAA30	FOS	SUV420H2	MYC	hsa-let-7i
hsa-miR-93-5p	NAA30	TP53	TARBP1	MYC	hsa-miR-106a
hsa-miR-30c-5p	NEDD4	ETS1	TARDBP	MYC	hsa-miR-106a
hsa-miR-101-3p	NEK7	HIF1A	TLE4	MYC	hsa-miR-106b
hsa-miR-340-5p	NEK7	TP53	TRIM33	MYC	hsa-miR-141
hsa-miR-92b-3p	NLK	TP53	TRIM33	MYC	hsa-miR-15a
hsa-miR-181a-5p	NOTCH2	HIF1A	UGP2	MYC	hsa-miR-16-1
hsa-miR-181c-5p	NOTCH2	ETS1	USP48	MYC	hsa-miR-17
hsa-miR-18a-5p	NR3C1	HIF1A	VEGFA	MYC	hsa-miR-17
hsa-miR-135a-5p	NR3C2	HIF1A	VEGFA	MYC	hsa-miR-17
hsa-miR-19b-3p	NR3C2	SP1	VEGFA	MYC	hsa-miR-17
hsa-miR-9-5p	ONECUT2	HIF1A	ZBTB10	MYC	hsa-miR-18a
hsa-miR-16-5p	OSBPL3	FOS	ZBTB5	MYC	hsa-miR-195
hsa-miR-125a-5p	OSBPL9	HIF1A	ZNF148	MYC	hsa-miR-19a

hsa-miR-21-5p	PAN3		MYC	hsa-miR-19a
hsa-miR-21-5p	PCBP1		MYC	hsa-miR-19b
hsa-miR-92a-3p	PCMTD1		MYC	hsa-miR-19b
hsa-miR-92b-3p	PCMTD1		MYC	hsa-miR-20a
hsa-miR-23b-3p	PCMTD2		MYC	hsa-miR-20a
hsa-miR-16-5p	PDE3B		MYC	hsa-miR-20b
hsa-miR-93-5p	PDE3B		MYC	hsa-miR-22
hsa-miR-18a-5p	PDE4D		MYC	hsa-miR-221
hsa-miR-375	PDK1		MYC	hsa-miR-23a
hsa-miR-26b-5p	PFKFB3		MYC	hsa-miR-23b
hsa-miR-30a-5p	PIK3CD		MYC	hsa-miR-26a
hsa-miR-155-5p	PKN2		MYC	hsa-miR-26a
hsa-miR-181a-5p	PLCL2		MYC	hsa-miR-26b
hsa-miR-26b-5p	PLOD2		MYC	hsa-miR-29a
hsa-miR-130a-3p	PPARG		MYC	hsa-miR-29b
hsa-miR-130b-3p	PPARG		MYC	hsa-miR-29c
hsa-miR-27b-3p	PPARG		MYC	hsa-miR-34a
hsa-miR-30a-5p	PPID		MYC	hsa-miR-9
hsa-miR-377-3p	PPM1A		MYC	hsa-miR-92a
hsa-miR-30a-5p	PRDM1		MYC	hsa-miR-93
hsa-miR-9-5p	PRDM1		PPARG	hsa-miR-130a-3p
hsa-miR-96-5p	PRDM16		PPARG	hsa-miR-130b-3p
hsa-miR-103a-3p	PRKAB2		PPARG	hsa-miR-27b-3p
hsa-miR-130b-3p	PRUNE2		SP1	hsa-miR-124-3p
hsa-miR-19b-3p	PRUNE2		SP1	hsa-miR-106a
hsa-miR-24-3p	PTPRF		SP1	hsa-miR-132
hsa-miR-133b	PTPRK		SP1	hsa-miR-34c
hsa-miR-29a-3p	PXDN		SP1	hsa-miR-365
hsa-miR-9-5p	PXDN		TP53	hsa-miR-125a-5p
hsa-miR-30a-5p	RAD23B		TP53	hsa-miR-485-5p
hsa-miR-138-5p	RARA		TP53	hsa-miR-107

hsa-miR-218-5p	RARA	TP53	hsa-miR-107
hsa-miR-106a-5p	RB1	TP53	hsa-miR-125b
hsa-miR-106b-5p	RB1	TP53	hsa-miR-143
hsa-miR-17-5p	RB1	TP53	hsa-miR-145
hsa-miR-192-5p	RB1	TP53	hsa-miR-145
hsa-miR-20a-5p	RB1	TP53	hsa-miR-155
hsa-miR-215-5p	RB1	TP53	hsa-miR-192
hsa-miR-93-5p	RB1	TP53	hsa-miR-192
hsa-miR-429	RERE	TP53	hsa-miR-192
hsa-miR-181a-5p	RLF	TP53	hsa-miR-194
hsa-miR-106b-5p	RORA	TP53	hsa-miR-200a
hsa-miR-342-3p	RRM2	TP53	hsa-miR-200b
hsa-miR-130a-3p	RUNX3	TP53	hsa-miR-200c
hsa-miR-130b-3p	RUNX3	TP53	hsa-miR-215
hsa-miR-301a-3p	RUNX3	TP53	hsa-miR-29
hsa-miR-532-5p	RUNX3	TP53	hsa-miR-34a
hsa-miR-145-5p	SERINC5	TP53	hsa-miR-34a
hsa-miR-124-3p	SERTAD2	TP53	hsa-miR-34a
hsa-miR-93-5p	SERTAD2	TP53	hsa-miR-34a
hsa-miR-185-5p	SMG7	TP53	hsa-miR-34a
hsa-miR-23b-3p	SOCS6	TP53	hsa-miR-34a
hsa-miR-124-3p	SP1	TP53	hsa-miR-34a
hsa-miR-223-3p	SP3	TP53	hsa-miR-34b
hsa-miR-101-3p	STAMBP	TP53	hsa-miR-34b
hsa-let-7d-5p	STK40	TP53	hsa-miR-34c
hsa-miR-124-3p	STT3A	TP53	hsa-miR-34c
hsa-miR-29a-3p	SUV420H2	TP53	hsa-miR-34c
hsa-miR-29c-3p	SUV420H2	TP53	hsa-miR-519d
hsa-miR-19b-3p	TAF4		
hsa-miR-124-3p	TARBP1		
hsa-miR-186-5p	TARDBP		

hsa-miR-424-5p	TBPL1
hsa-miR-155-5p	TLE4
hsa-miR-16-5p	TLE4
hsa-miR-125a-5p	TP53
hsa-miR-485-5p	TP53
hsa-miR-19b-3p	TRIM33
hsa-miR-32-5p	TRIO
hsa-miR-128-3p	UBE2W
hsa-miR-34a-5p	UBP1
hsa-miR-32-5p	UGP2
hsa-miR-148b-3p	USP48
hsa-miR-140-5p	VEGFA
hsa-miR-15a-5p	VEGFA
hsa-miR-15b-5p	VEGFA
hsa-miR-16-5p	VEGFA
hsa-miR-195-5p	VEGFA
hsa-miR-200b-3p	VEGFA
hsa-miR-200c-3p	VEGFA
hsa-miR-29b-3p	VEGFA
hsa-miR-29c-3p	VEGFA
hsa-miR-361-5p	VEGFA
hsa-miR-383-5p	VEGFA
hsa-miR-29c-3p	ZBTB10
hsa-miR-193b-3p	ZBTB5
hsa-miR-93-5p	ZNF148

REGULATION OF TRANSCRIPTION

miRNA	Target Gene
hsa-miR-30a-5p	ABL1
hsa-miR-520c-3p	APP
hsa-miR-92a-3p	ARID1B
hsa-miR-92b-3p	ARID1B

TF	Target Gene
HIF1A	ARID1B
TP53	ASH1L
SP1	ATF2
TP53	BTG2

TF	miRNA
ASH1L	hsa-miR-103a-3p
ASH1L	hsa-miR-16-5p
ASH1L	hsa-miR-375
E2F1	hsa-miR-106a-5p

hsa-miR-103a-3p	ASH1L	ETS1	CAMTA1	E2F1	hsa-miR-106b-5p
hsa-miR-16-5p	ASH1L	FOS	CAMTA1	E2F1	hsa-miR-17-5p
hsa-miR-19b-3p	ATF2	MITF	CAMTA1	E2F1	hsa-miR-20a-5p
hsa-miR-127-3p	BCL6	E2F1	CCNE1	E2F1	hsa-miR-330-3p
hsa-miR-16-5p	BTG2	E2F1	E2F1	E2F1	hsa-miR-93-5p
hsa-miR-129-5p	CAMTA1	FOS	GATAD2A	E2F1	hsa-let-7a
hsa-miR-34a-5p	CAMTA1	FOS	GATAD2B	E2F1	hsa-let-7i
hsa-miR-130b-3p	CBFB	FOS	HBP1	E2F1	hsa-miR-106a
hsa-miR-124-3p	CBX2	STAT3	IRF1	E2F1	hsa-miR-106b
hsa-miR-107	CCNE1	TP53	MDM4	E2F1	hsa-miR-106b
hsa-miR-15a-5p	CCNE1	FOS	MXD4	E2F1	hsa-miR-15a
hsa-miR-15b-5p	CCNE1	E2F1	MYB	E2F1	hsa-miR-15a
hsa-miR-16-5p	CCNE1	E2F1	MYC	E2F1	hsa-miR-15b
hsa-miR-195-5p	CCNE1	FOS	NLK	E2F1	hsa-miR-15b
hsa-miR-424-5p	CCNE1	TP53	NOTCH2	E2F1	hsa-miR-16
hsa-miR-106a-5p	E2F1	TP53	NOTCH2	E2F1	hsa-miR-16-1
hsa-miR-106b-5p	E2F1	TP53	POGZ	E2F1	hsa-miR-16-2
hsa-miR-17-5p	E2F1	HIF1A	PRDM1	E2F1	hsa-miR-17
hsa-miR-20a-5p	E2F1	MITF	PRDM16	E2F1	hsa-miR-17
hsa-miR-330-3p	E2F1	SP1	RB1	E2F1	hsa-miR-18a
hsa-miR-93-5p	E2F1	ETS1	RERE	E2F1	hsa-miR-18b
hsa-miR-125b-5p	ETS1	HIF1A	RERE	E2F1	hsa-miR-195
hsa-miR-155-5p	ETS1	MITF	RERE	E2F1	hsa-miR-19a
hsa-miR-208a-3p	ETS1	HIF1A	RLF	E2F1	hsa-miR-19b
hsa-miR-129-5p	ETV6	TP53	RUNX3	E2F1	hsa-miR-19b-2
hsa-miR-16-5p	GATAD2A	TP53	RUNX3	E2F1	hsa-miR-20a
hsa-miR-590-3p	GATAD2B	FOS	SERTAD2	E2F1	hsa-miR-20b
hsa-miR-17-5p	HBP1	FOS	SP1	E2F1	hsa-miR-223
hsa-miR-19b-3p	HBP1	SP1	SP3	E2F1	hsa-miR-25
hsa-miR-29a-3p	HBP1	FOS	SUV420H2	E2F1	hsa-miR-363
hsa-miR-196a-5p	HOXA7	TP53	TARBP1	E2F1	hsa-miR-449a

hsa-miR-383-5p	IRF1	ETS1	TARDBP	E2F1	hsa-miR-449a
hsa-miR-93-5p	IRF1	HIF1A	TLE4	E2F1	hsa-miR-449b
hsa-miR-19b-3p	KLF10	TP53	TRIM33	E2F1	hsa-miR-449b
hsa-miR-30b-5p	KLF10	TP53	TRIM33	E2F1	hsa-miR-449c
hsa-miR-141-3p	KLF11	HIF1A	VEGFA	E2F1	hsa-miR-92a
hsa-miR-200a-3p	KLF11	HIF1A	VEGFA	E2F1	hsa-miR-92a-2
hsa-miR-93-5p	KLF11	SP1	VEGFA	E2F1	hsa-miR-93
hsa-miR-34a-5p	MDM4	HIF1A	ZBTB10	ETS1	hsa-miR-125b-5p
hsa-miR-93-5p	MED12L	FOS	ZBTB5	ETS1	hsa-miR-155-5p
hsa-miR-137	MITF	HIF1A	ZNF148	ETS1	hsa-miR-208a-3p
hsa-miR-182-5p	MITF			ETS1	hsa-miR-146a
hsa-miR-26a-5p	MTDH			ETS1	hsa-miR-222
hsa-miR-30a-5p	MTDH			IRF1	hsa-miR-383-5p
hsa-miR-30c-5p	MTDH			IRF1	hsa-miR-93-5p
hsa-miR-1	MXD4			IRF1	hsa-miR-155
hsa-miR-150-5p	MYB			MITF	hsa-miR-137
hsa-miR-34c-5p	MYC			MITF	hsa-miR-182-5p
hsa-miR-30c-5p	NEDD4			MITF	hsa-miR-211
hsa-miR-92b-3p	NLK			MYB	hsa-miR-150-5p
hsa-miR-181a-5p	NOTCH2			MYB	hsa-miR-148a
hsa-miR-181c-5p	NOTCH2			MYB	hsa-miR-155
hsa-miR-18a-5p	NR3C1			MYC	hsa-miR-34c-5p
hsa-miR-135a-5p	NR3C2			MYC	hsa-let-7
hsa-miR-19b-3p	NR3C2			MYC	hsa-let-7a
hsa-miR-9-5p	ONECUT2			MYC	hsa-let-7a-1
hsa-miR-221-3p	POGZ			MYC	hsa-let-7b
hsa-miR-34a-5p	POGZ			MYC	hsa-let-7c
hsa-miR-130a-3p	PPARG			MYC	hsa-let-7d
hsa-miR-130b-3p	PPARG			MYC	hsa-let-7d
hsa-miR-27b-3p	PPARG			MYC	hsa-let-7e
hsa-miR-377-3p	PPM1A			MYC	hsa-let-7f

hsa-miR-30a-5p	PRDM1		MYC	hsa-let-7f-1
hsa-miR-9-5p	PRDM1		MYC	hsa-let-7g
hsa-miR-96-5p	PRDM16		MYC	hsa-let-7i
hsa-miR-133b	PTPRK		MYC	hsa-miR-106a
hsa-miR-138-5p	RARA		MYC	hsa-miR-106a
hsa-miR-218-5p	RARA		MYC	hsa-miR-106b
hsa-miR-106a-5p	RB1		MYC	hsa-miR-141
hsa-miR-106b-5p	RB1		MYC	hsa-miR-15a
hsa-miR-17-5p	RB1		MYC	hsa-miR-16-1
hsa-miR-192-5p	RB1		MYC	hsa-miR-17
hsa-miR-20a-5p	RB1		MYC	hsa-miR-17
hsa-miR-215-5p	RB1		MYC	hsa-miR-17
hsa-miR-93-5p	RB1		MYC	hsa-miR-17
hsa-miR-429	RERE		MYC	hsa-miR-18a
hsa-miR-181a-5p	RLF		MYC	hsa-miR-195
hsa-miR-106b-5p	RORA		MYC	hsa-miR-19a
hsa-miR-130a-3p	RUNX3		MYC	hsa-miR-19a
hsa-miR-130b-3p	RUNX3		MYC	hsa-miR-19b
hsa-miR-301a-3p	RUNX3		MYC	hsa-miR-19b
hsa-miR-532-5p	RUNX3		MYC	hsa-miR-20a
hsa-miR-124-3p	SERTAD2		MYC	hsa-miR-20a
hsa-miR-93-5p	SERTAD2		MYC	hsa-miR-20b
hsa-miR-124-3p	SP1		MYC	hsa-miR-22
hsa-miR-223-3p	SP3		MYC	hsa-miR-221
hsa-miR-29a-3p	SUV420H2		MYC	hsa-miR-23a
hsa-miR-29c-3p	SUV420H2		MYC	hsa-miR-23b
hsa-miR-19b-3p	TAF4		MYC	hsa-miR-26a
hsa-miR-124-3p	TARBP1		MYC	hsa-miR-26a
hsa-miR-186-5p	TARDBP		MYC	hsa-miR-26b
hsa-miR-424-5p	TBPL1		MYC	hsa-miR-29a
hsa-miR-155-5p	TLE4		MYC	hsa-miR-29b

hsa-miR-16-5p	TLE4		MYC	hsa-miR-29c
hsa-miR-125a-5p	TP53		MYC	hsa-miR-34a
hsa-miR-485-5p	TP53		MYC	hsa-miR-9
hsa-miR-19b-3p	TRIM33		MYC	hsa-miR-92a
hsa-miR-34a-5p	UBP1		MYC	hsa-miR-93
hsa-miR-140-5p	VEGFA		PPARG	hsa-miR-130a-3p
hsa-miR-15a-5p	VEGFA		PPARG	hsa-miR-130b-3p
hsa-miR-15b-5p	VEGFA		PPARG	hsa-miR-27b-3p
hsa-miR-16-5p	VEGFA		SP1	hsa-miR-124-3p
hsa-miR-195-5p	VEGFA		SP1	hsa-miR-106a
hsa-miR-200b-3p	VEGFA		SP1	hsa-miR-132
hsa-miR-200c-3p	VEGFA		SP1	hsa-miR-34c
hsa-miR-29b-3p	VEGFA		SP1	hsa-miR-365
hsa-miR-29c-3p	VEGFA		TP53	hsa-miR-125a-5p
hsa-miR-361-5p	VEGFA		TP53	hsa-miR-485-5p
hsa-miR-383-5p	VEGFA		TP53	hsa-miR-107
hsa-miR-29c-3p	ZBTB10		TP53	hsa-miR-107
hsa-miR-193b-3p	ZBTB5		TP53	hsa-miR-125b
hsa-miR-93-5p	ZNF148		TP53	hsa-miR-143
			TP53	hsa-miR-145
			TP53	hsa-miR-145
			TP53	hsa-miR-155
			TP53	hsa-miR-192
			TP53	hsa-miR-192
			TP53	hsa-miR-192
			TP53	hsa-miR-194
			TP53	hsa-miR-200a
			TP53	hsa-miR-200b
			TP53	hsa-miR-200c
			TP53	hsa-miR-215
			TP53	hsa-miR-29

miRNA	Target Gene
hsa-miR-520c-3p	APP
hsa-miR-106a-5p	E2F1
hsa-miR-106b-5p	E2F1
hsa-miR-17-5p	E2F1
hsa-miR-20a-5p	E2F1
hsa-miR-330-3p	E2F1
hsa-miR-93-5p	E2F1
hsa-miR-133b	FAIM
hsa-miR-374a-5p	GADD45A
hsa-miR-221-3p	KIT
hsa-miR-222-3p	KIT
hsa-miR-141-3p	KLF11
hsa-miR-200a-3p	KLF11
hsa-miR-93-5p	KLF11
hsa-miR-34a-5p	MDM4
hsa-miR-34c-5p	MYC

CELL DEATH

TF	Target Gene
E2F1	E2F1
TP53	GADD45A
TP53	GADD45A
TP53	MDM4
E2F1	MYC
HIF1A	SLC11A2
ETS1	TARDBP

TP53	hsa-miR-34a
TP53	hsa-miR-34b
TP53	hsa-miR-34b
TP53	hsa-miR-34c
TP53	hsa-miR-34c
TP53	hsa-miR-34c
TP53	hsa-miR-519d

TF	miRNA
E2F1	hsa-miR-106a-5p
E2F1	hsa-miR-106b-5p
E2F1	hsa-miR-17-5p
E2F1	hsa-miR-20a-5p
E2F1	hsa-miR-330-3p
E2F1	hsa-miR-93-5p
E2F1	hsa-let-7a
E2F1	hsa-let-7i
E2F1	hsa-miR-106a
E2F1	hsa-miR-106b
E2F1	hsa-miR-106b
E2F1	hsa-miR-15a
E2F1	hsa-miR-15a
E2F1	hsa-miR-15b
E2F1	hsa-miR-15b
E2F1	hsa-miR-16

hsa-miR-130b-3p	PRUNE2		E2F1	hsa-miR-16-1
hsa-miR-19b-3p	PRUNE2		E2F1	hsa-miR-16-2
hsa-miR-16-5p	SLC11A2		E2F1	hsa-miR-17
hsa-miR-186-5p	TARDBP		E2F1	hsa-miR-17
hsa-miR-125a-5p	TP53		E2F1	hsa-miR-18a
hsa-miR-485-5p	TP53		E2F1	hsa-miR-18b
hsa-miR-32-5p	TRIO		E2F1	hsa-miR-195
			E2F1	hsa-miR-19a
			E2F1	hsa-miR-19b
			E2F1	hsa-miR-19b-2
			E2F1	hsa-miR-20a
			E2F1	hsa-miR-20b
			E2F1	hsa-miR-223
			E2F1	hsa-miR-25
			E2F1	hsa-miR-363
			E2F1	hsa-miR-449a
			E2F1	hsa-miR-449a
			E2F1	hsa-miR-449b
			E2F1	hsa-miR-449b
			E2F1	hsa-miR-449c
			E2F1	hsa-miR-92a
			E2F1	hsa-miR-92a-2
			E2F1	hsa-miR-93
			MYC	hsa-miR-34c-5p
			MYC	hsa-let-7
			MYC	hsa-let-7a
			MYC	hsa-let-7a-1
			MYC	hsa-let-7b
			MYC	hsa-let-7c
			MYC	hsa-let-7d
			MYC	hsa-let-7d

MYC	hsa-let-7e
MYC	hsa-let-7f
MYC	hsa-let-7f-1
MYC	hsa-let-7g
MYC	hsa-let-7i
MYC	hsa-miR-106a
MYC	hsa-miR-106a
MYC	hsa-miR-106b
MYC	hsa-miR-141
MYC	hsa-miR-15a
MYC	hsa-miR-16-1
MYC	hsa-miR-17
MYC	hsa-miR-18a
MYC	hsa-miR-195
MYC	hsa-miR-19a
MYC	hsa-miR-19a
MYC	hsa-miR-19b
MYC	hsa-miR-19b
MYC	hsa-miR-20a
MYC	hsa-miR-20a
MYC	hsa-miR-20b
MYC	hsa-miR-22
MYC	hsa-miR-221
MYC	hsa-miR-23a
MYC	hsa-miR-23b
MYC	hsa-miR-26a
MYC	hsa-miR-26a
MYC	hsa-miR-26b

MYC	hsa-miR-29a
MYC	hsa-miR-29b
MYC	hsa-miR-29c
MYC	hsa-miR-34a
MYC	hsa-miR-9
MYC	hsa-miR-92a
MYC	hsa-miR-93
TP53	hsa-miR-125a-5p
TP53	hsa-miR-485-5p
TP53	hsa-miR-107
TP53	hsa-miR-107
TP53	hsa-miR-125b
TP53	hsa-miR-143
TP53	hsa-miR-145
TP53	hsa-miR-145
TP53	hsa-miR-155
TP53	hsa-miR-192
TP53	hsa-miR-192
TP53	hsa-miR-192
TP53	hsa-miR-194
TP53	hsa-miR-200a
TP53	hsa-miR-200b
TP53	hsa-miR-200c
TP53	hsa-miR-215
TP53	hsa-miR-29
TP53	hsa-miR-34a

miRNA	Target Gene
hsa-miR-30a-5p	ABL1
hsa-miR-520c-3p	APP
hsa-miR-17-5p	CCND1
hsa-miR-107	CCNE1
hsa-miR-15a-5p	CCNE1
hsa-miR-15b-5p	CCNE1
hsa-miR-16-5p	CCNE1
hsa-miR-195-5p	CCNE1
hsa-miR-424-5p	CCNE1
hsa-miR-93-5p	CCNG2
hsa-miR-107	CDK6
hsa-miR-137	CDK6
hsa-miR-106a-5p	E2F1
hsa-miR-106b-5p	E2F1
hsa-miR-17-5p	E2F1
hsa-miR-20a-5p	E2F1
hsa-miR-330-3p	E2F1
hsa-miR-93-5p	E2F1
hsa-miR-133a-3p	EGFR
hsa-miR-133b	EGFR
hsa-miR-27a-3p	EGFR
hsa-miR-374a-5p	GADD45A

CELL CYCLE

TF	Target Gene
E2F1	CCNE1
HIF1A	CCNG2
E2F1	E2F1
HIF1A	EGFR
SP1	EGFR
TP53	GADD45A
TP53	GADD45A
FOS	HBP1
TP53	MDM4
ETS1	MFN2
E2F1	MYC
TP53	NOTCH2
TP53	NOTCH2
SP1	RB1
ETS1	TARDBP

TP53	hsa-miR-34a
TP53	hsa-miR-34b
TP53	hsa-miR-34b
TP53	hsa-miR-34c
TP53	hsa-miR-34c
TP53	hsa-miR-34c
TP53	hsa-miR-519d

TF	miRNA
CCND1	hsa-miR-17-5p
CCND1	hsa-miR-17
CCND1	hsa-miR-20a
E2F1	hsa-miR-106a-5p
E2F1	hsa-miR-106b-5p
E2F1	hsa-miR-17-5p
E2F1	hsa-miR-20a-5p
E2F1	hsa-miR-330-3p
E2F1	hsa-miR-93-5p
E2F1	hsa-let-7a
E2F1	hsa-let-7i
E2F1	hsa-miR-106a
E2F1	hsa-miR-106b
E2F1	hsa-miR-106b
E2F1	hsa-miR-15a
E2F1	hsa-miR-15a
E2F1	hsa-miR-15b
E2F1	hsa-miR-15b
E2F1	hsa-miR-16
E2F1	hsa-miR-16-1
E2F1	hsa-miR-16-2
E2F1	hsa-miR-17

hsa-miR-17-5p	HBP1		E2F1	hsa-miR-17
hsa-miR-19b-3p	HBP1		E2F1	hsa-miR-18a
hsa-miR-29a-3p	HBP1		E2F1	hsa-miR-18b
hsa-miR-370-3p	MAP3K8		E2F1	hsa-miR-195
hsa-miR-34a-5p	MDM4		E2F1	hsa-miR-19a
hsa-miR-93-5p	MFN2		E2F1	hsa-miR-19b
hsa-miR-34c-5p	MYC		E2F1	hsa-miR-19b-2
hsa-miR-181a-5p	NOTCH2		E2F1	hsa-miR-20a
hsa-miR-181c-5p	NOTCH2		E2F1	hsa-miR-20b
hsa-miR-130b-3p	PRUNE2		E2F1	hsa-miR-223
hsa-miR-19b-3p	PRUNE2		E2F1	hsa-miR-25
hsa-miR-106a-5p	RB1		E2F1	hsa-miR-363
hsa-miR-106b-5p	RB1		E2F1	hsa-miR-449a
hsa-miR-17-5p	RB1		E2F1	hsa-miR-449a
hsa-miR-192-5p	RB1		E2F1	hsa-miR-449b
hsa-miR-20a-5p	RB1		E2F1	hsa-miR-449b
hsa-miR-215-5p	RB1		E2F1	hsa-miR-449c
hsa-miR-93-5p	RB1		E2F1	hsa-miR-92a
hsa-miR-16-5p	SEH1L		E2F1	hsa-miR-92a-2
hsa-miR-186-5p	TARDBP		E2F1	hsa-miR-93
hsa-miR-125a-5p	TP53		EGFR	hsa-miR-133a-3p
hsa-miR-485-5p	TP53		EGFR	hsa-miR-133b
			EGFR	hsa-miR-27a-3p
			EGFR	hsa-miR-21
			MYC	hsa-miR-34c-5p
			MYC	hsa-let-7
			MYC	hsa-let-7a
			MYC	hsa-let-7a-1
			MYC	hsa-let-7b
			MYC	hsa-let-7c
			MYC	hsa-let-7d

MYC	hsa-let-7d
MYC	hsa-let-7e
MYC	hsa-let-7f
MYC	hsa-let-7f-1
MYC	hsa-let-7g
MYC	hsa-let-7i
MYC	hsa-miR-106a
MYC	hsa-miR-106a
MYC	hsa-miR-106b
MYC	hsa-miR-141
MYC	hsa-miR-15a
MYC	hsa-miR-16-1
MYC	hsa-miR-17
MYC	hsa-miR-18a
MYC	hsa-miR-195
MYC	hsa-miR-19a
MYC	hsa-miR-19a
MYC	hsa-miR-19b
MYC	hsa-miR-19b
MYC	hsa-miR-20a
MYC	hsa-miR-20a
MYC	hsa-miR-20b
MYC	hsa-miR-22
MYC	hsa-miR-221
MYC	hsa-miR-23a
MYC	hsa-miR-23b
MYC	hsa-miR-26a
MYC	hsa-miR-26a

MYC	hsa-miR-26b
MYC	hsa-miR-29a
MYC	hsa-miR-29b
MYC	hsa-miR-29c
MYC	hsa-miR-34a
MYC	hsa-miR-9
MYC	hsa-miR-92a
MYC	hsa-miR-93
TP53	hsa-miR-125a-5p
TP53	hsa-miR-485-5p
TP53	hsa-miR-107
TP53	hsa-miR-107
TP53	hsa-miR-125b
TP53	hsa-miR-143
TP53	hsa-miR-145
TP53	hsa-miR-145
TP53	hsa-miR-155
TP53	hsa-miR-192
TP53	hsa-miR-192
TP53	hsa-miR-192
TP53	hsa-miR-194
TP53	hsa-miR-200a
TP53	hsa-miR-200b
TP53	hsa-miR-200c
TP53	hsa-miR-215
TP53	hsa-miR-29
TP53	hsa-miR-34a

miRNA	Target Gene
hsa-miR-520c-3p	APP
hsa-miR-127-3p	BCL6
hsa-miR-17-5p	CCND1
hsa-miR-107	CCNE1
hsa-miR-15a-5p	CCNE1
hsa-miR-15b-5p	CCNE1
hsa-miR-16-5p	CCNE1
hsa-miR-195-5p	CCNE1
hsa-miR-424-5p	CCNE1
hsa-miR-133a-3p	EGFR
hsa-miR-133b	EGFR
hsa-miR-27a-3p	EGFR
hsa-miR-221-3p	KIT
hsa-miR-222-3p	KIT
hsa-miR-100-5p	MTOR
hsa-miR-99a-5p	MTOR
hsa-miR-99b-5p	MTOR
hsa-miR-30c-5p	NEDD4
hsa-miR-30a-5p	RAD23B
hsa-miR-124-3p	SP1
hsa-miR-223-3p	SP3

REPRODUCTIVE PROCESS

TF	Target Gene
E2F1	CCNE1
HIF1A	EGFR
SP1	EGFR
ETS1	MTOR
FOS	MTOR
MITF	MTOR
HIF1A	RAD23B
FOS	SP1
SP1	SP3
HIF1A	VEGFA
HIF1A	VEGFA
SP1	VEGFA
HIF1A	ZNF148

TP53	hsa-miR-34a
TP53	hsa-miR-34a
TP53	hsa-miR-34b
TP53	hsa-miR-34b
TP53	hsa-miR-34c
TP53	hsa-miR-34c
TP53	hsa-miR-34c
TP53	hsa-miR-519d

TF	miRNA
CCND1	hsa-miR-17-5p
CCND1	hsa-miR-17
CCND1	hsa-miR-20a
EGFR	hsa-miR-133a-3p
EGFR	hsa-miR-133b
EGFR	hsa-miR-27a-3p
EGFR	hsa-miR-21
SP1	hsa-miR-124-3p
SP1	hsa-miR-106a
SP1	hsa-miR-132
SP1	hsa-miR-34c
SP1	hsa-miR-365

hsa-miR-19b-3p	TAF4
hsa-miR-424-5p	TBPL1
hsa-miR-34a-5p	UBP1
hsa-miR-140-5p	VEGFA
hsa-miR-15a-5p	VEGFA
hsa-miR-15b-5p	VEGFA
hsa-miR-16-5p	VEGFA
hsa-miR-195-5p	VEGFA
hsa-miR-200b-3p	VEGFA
hsa-miR-200c-3p	VEGFA
hsa-miR-29b-3p	VEGFA
hsa-miR-29c-3p	VEGFA
hsa-miR-361-5p	VEGFA
hsa-miR-383-5p	VEGFA
hsa-miR-93-5p	ZNF148