

Table S2: Evidence of interactions between genes and miRNAs shown in figures 3 and 4 according to mirTarbase, MicroCosm, and TargetScan

Each column represents evidences supporting a gene - miRNA interaction for mirTarbase, or if it is reported by MicroCosm or Targetscan.

			miRTarBase										microCosm_v5	targetScan_v6.2
Species (Target)	miRNA	Target	Strong evidence		Validation methods						Sum	# of papers		
			Reporter assay	Western blot	qPCR	Microarray	NGS	pSILAC	Other	CLIP-Seq				
Homo sapiens	hsa-miR-29c-3p	KDM5B					X				1	1		X
		ANKRD52												X
		ZBTB34												X
		UBFD1												X
		ABHD4												X
		FBXL20												X
		PRICKLE1											X	
		H2AFY2											X	
Homo sapiens	hsa-miR-33a-3p	MRPS26								X	2	8		X
Homo sapiens	hsa-miR-625-5p	IGF1R	X	X	X		X			X	2	2		
		ALDH16A1									5	8	X	
Homo sapiens	hsa-miR-150-5p	GNE				X				X	2	2		
		IGF1R	X	X		X					3	0		
		ZNF467											X	
		SAMD4B											X	
Homo sapiens	hsa-miR-296-3p	ANKRD52												X
		UBFD1					X			X	2	2		X
		DCAF8					X				1	1		
		KDM5B					X				1	1		
		MLEC					X				1	1		
		CHD3											X	
Homo sapiens	hsa-miR-144-5p	ALDH16A1											X	
		LBR				X			X	2	2	X	X	
Homo sapiens	hsa-miR-148a-3p	LBR					X				1	1		
		MLEC					X			X	2	4		X
		ZNF490					X				1	1		
		IL17RA											X	
		AB3											X	
		CHD1L											X	
		ANKRD52												X
		PI4KA												X
Homo sapiens	hsa-miR-193a-3p	UBFD1					X			1	1			
		PROSER3							X	1	3			
Homo sapiens	hsa-miR-28-5p	TSC22D1				X			X	2	2			
		CDCA2										X		
Homo sapiens	hsa-miR-502-5p	CREB3L2											X	
		FIBP											X	
		ANKRD52					X			X	2	6	X	X
		IGF1R											X	
		H2AFY2											X	
		IGF1R												X
		CUL5												X
		FADD				X					1	1		
Homo sapiens	hsa-miR-1-3p	HOOK1				X				1	1		X	
		SLC39A6										X		
		PIGP										X		
		YLP1M1										X		
		CREB3L2										X		
		GNE											X	
		MKL1											X	
Homo sapiens	hsa-miR-99a-5p	FBXL20											X	
		IGF1R	X	X	X			X		4	6		X	
		CREB3L2				X		X		2	1		X	
		MLEC				X				1	1		X	
		ABHD4				X				1	1		X	
		H2AFY2										X		
		TSPO										X		
		FBXL20										X		
		TSC22D1										X		
		APBB2											X	
		ZBTB34											X	
		SAMD4B											X	
		CUL5											X	
Homo sapiens	hsa-miR-516a-5p	CHD1L											X	
Homo sapiens	hsa-miR-582-3p	SLC39A6											X	
		IL17RA											X	
		MRPS26										X		
Homo sapiens	hsa-miR-671-5p	ANKRD52											X	
		CREB3L2											X	