

Table SI. The predicted target genes of differentially expressed miRs based on three databases.

miRs	Target gene	DIANA-LncBase	LNCipedia	starBase
hsa-miR-10a	ENSG00000175611	✓	✓	
hsa-miR-10a	ENSG00000177410	✓	✓	✓
hsa-miR-10a	ENSG00000196810	✓		✓
hsa-miR-10a	ENSG00000224078	✓	✓	
hsa-miR-10a	ENSG00000224086		✓	✓
hsa-miR-10a	ENSG00000228956	✓	✓	
hsa-miR-10a	ENSG00000232811	✓	✓	✓
hsa-miR-10a	ENSG00000233723	✓	✓	✓
hsa-miR-10a	ENSG00000266904	✓		✓
hsa-miR-10a	ENSG00000267272	✓	✓	
hsa-miR-10a	ENSG00000269821		✓	✓
hsa-miR-10a	XLOC_004924	✓		✓
hsa-miR-144	ENSG00000172965	✓	✓	✓
hsa-miR-144	ENSG00000177640	✓	✓	
hsa-miR-144	ENSG00000196295	✓		✓
hsa-miR-144	ENSG00000204623	✓		✓
hsa-miR-144	ENSG00000224078	✓	✓	✓
hsa-miR-144	ENSG00000226688		✓	✓
hsa-miR-144	ENSG00000228408	✓		✓
hsa-miR-144	ENSG00000237945	✓	✓	✓
hsa-miR-144	ENSG00000250303	✓	✓	
hsa-miR-144	ENSG00000269821	✓		✓
hsa-miR-144	XLOC_000440	✓	✓	✓
hsa-miR-144	XLOC_003209	✓	✓	
hsa-miR-144	XLOC_012599	✓	✓	
hsa-miR-30c-5p	ENSG00000172965	✓	✓	✓
hsa-miR-30c-5p	ENSG00000175611		✓	✓
hsa-miR-30c-5p	ENSG00000177640	✓		✓
hsa-miR-30c-5p	ENSG00000196295	✓		✓
hsa-miR-30c-5p	ENSG00000196810	✓	✓	✓
hsa-miR-30c-5p	ENSG00000204623		✓	✓
hsa-miR-30c-5p	ENSG00000224078	✓		✓
hsa-miR-30c-5p	ENSG00000224743	✓		✓
hsa-miR-30c-5p	ENSG00000226674	✓	✓	
hsa-miR-30c-5p	ENSG00000226688	✓	✓	✓
hsa-miR-30c-5p	ENSG00000228408	✓	✓	✓
hsa-miR-30c-5p	ENSG00000228956		✓	✓
hsa-miR-30c-5p	ENSG00000230551		✓	✓
hsa-miR-30c-5p	ENSG00000232811		✓	✓
hsa-miR-30c-5p	ENSG00000233117	✓	✓	✓
hsa-miR-30c-5p	ENSG00000233723	✓		✓
hsa-miR-30c-5p	ENSG00000234741		✓	✓
hsa-miR-30c-5p	ENSG00000236922	✓	✓	
hsa-miR-30c-5p	ENSG00000241213	✓	✓	
hsa-miR-30c-5p	ENSG00000247556	✓		✓
hsa-miR-30c-5p	ENSG00000250303	✓		✓
hsa-miR-30c-5p	ENSG00000257621	✓	✓	
hsa-miR-30c-5p	ENSG00000266904	✓		✓
hsa-miR-30c-5p	ENSG00000267272	✓	✓	✓
hsa-miR-30c-5p	ENSG00000267470		✓	✓
hsa-miR-30c-5p	ENSG00000269821	✓	✓	✓
hsa-miR-30c-5p	ENSG00000270069		✓	✓
hsa-miR-30c-5p	XLOC_000440	✓		✓
hsa-miR-30c-5p	XLOC_003209	✓	✓	✓
hsa-miR-30c-5p	XLOC_004924	✓	✓	✓
hsa-miR-30c-5p	XLOC_009474	✓		✓
hsa-miR-30c-5p	XLOC_012601	✓	✓	
hsa-miR-373	ENSG00000196810	✓		✓
hsa-miR-373	ENSG00000204623	✓	✓	

Table SI. Continued.

miRs	Target gene	DIANA-LncBase	LNCipedia	starBase
hsa-miR-373	ENSG00000224078		✓	✓
hsa-miR-373	ENSG00000224086	✓	✓	
hsa-miR-373	ENSG00000224743	✓	✓	✓
hsa-miR-373	ENSG00000226674	✓	✓	✓
hsa-miR-373	ENSG00000230551	✓	✓	
hsa-miR-373	ENSG00000233117	✓		✓
hsa-miR-373	ENSG00000234184	✓	✓	✓
hsa-miR-373	ENSG00000236922	✓		✓
hsa-miR-373	ENSG00000237445		✓	✓
hsa-miR-373	ENSG00000237945	✓	✓	✓
hsa-miR-373	ENSG00000241213	✓		✓
hsa-miR-373	ENSG00000247556	✓	✓	
hsa-miR-373	ENSG00000249307	✓	✓	
hsa-miR-373	ENSG00000257621		✓	✓
hsa-miR-373	ENSG00000266904	✓		✓
hsa-miR-373	ENSG00000267272	✓	✓	✓
hsa-miR-373	ENSG00000267470	✓		✓
hsa-miR-373	ENSG00000269821	✓	✓	✓
hsa-miR-373	ENSG00000270069	✓	✓	✓
hsa-miR-373	XLOC_004924		✓	✓
hsa-miR-373	XLOC_012601	✓		✓
hsa-miR-514	ENSG00000196295	✓	✓	✓
hsa-miR-514	ENSG00000196810	✓	✓	
hsa-miR-514	ENSG00000224078	✓		✓
hsa-miR-514	ENSG00000227617	✓	✓	✓
hsa-miR-514	ENSG00000229981	✓		✓
hsa-miR-514	ENSG00000230021	✓	✓	✓
hsa-miR-514	ENSG00000231104		✓	✓
hsa-miR-514	ENSG00000232354	✓	✓	✓
hsa-miR-514	ENSG00000233783	✓	✓	
hsa-miR-514	ENSG00000234377	✓	✓	✓
hsa-miR-514	ENSG00000235578	✓	✓	
hsa-miR-514	ENSG00000242512		✓	✓
hsa-miR-514	ENSG00000246792	✓	✓	
hsa-miR-514	ENSG00000247828	✓		✓
hsa-miR-514	ENSG00000248309	✓	✓	✓
hsa-miR-514	ENSG00000251095		✓	✓
hsa-miR-514	ENSG00000251138	✓	✓	
hsa-miR-514	ENSG00000254042		✓	✓
hsa-miR-514	ENSG00000258317	✓	✓	✓
hsa-miR-514	ENSG00000259234	✓		✓
hsa-miR-514	ENSG00000259663	✓	✓	
hsa-miR-514	ENSG00000259704		✓	✓
hsa-miR-514	ENSG00000260034	✓	✓	
hsa-miR-514	ENSG00000260392	✓		✓
hsa-miR-514	ENSG00000261063		✓	✓
hsa-miR-514	ENSG00000261353	✓	✓	✓
hsa-miR-514	ENSG00000269821	✓		✓
hsa-miR-514	XLOC_003235	✓		✓
hsa-miR-514	XLOC_003808	✓	✓	
hsa-miR-514	XLOC_005278	✓		✓
hsa-miR-514	XLOC_008959	✓		✓
hsa-miR-514	XLOC_012726	✓	✓	✓

miR, microRNA.

Table SII. The predicted target genes of differentially expressed miRs based on three databases.

miR	Target gene	TargetScan	miRBase	miRTarBase
hsa-miR-10a	BMPR2	✓	✓	✓
hsa-miR-10a	JAK2	✓	✓	
hsa-miR-10a	PDE5A	✓		✓
hsa-miR-10a	SERPINE1	✓	✓	✓
hsa-miR-10a	TPM3	✓	✓	✓
hsa-miR-10a	CLASP2	✓		✓
hsa-miR-10a	TPM4		✓	✓
hsa-miR-30c-5p	FOXO3	✓	✓	
hsa-miR-30c-5p	BMPR2	✓	✓	
hsa-miR-30c-5p	PDE5A	✓	✓	✓
hsa-miR-30c-5p	ATP2A2		✓	✓
hsa-miR-30c-5p	SERPINE1	✓	✓	✓
hsa-miR-30c-5p	TPM4	✓	✓	✓
hsa-miR-144	BMP2	✓	✓	✓
hsa-miR-144	ROCK1		✓	✓
hsa-miR-144	TGFBR2	✓		✓
hsa-miR-144	BMPR2	✓	✓	
hsa-miR-144	JAK2	✓	✓	✓
hsa-miR-144	PDE5A		✓	✓
hsa-miR-144	ATP2A2	✓	✓	✓
hsa-miR-144	STAT3	✓		✓
hsa-miR-144	TPM3	✓		✓
hsa-miR-373	ARPC2	✓	✓	✓
hsa-miR-373	ATP2A2	✓	✓	
hsa-miR-373	BMPR2	✓	✓	✓
hsa-miR-373	CAPZB	✓		✓
hsa-miR-373	CDKN1A	✓	✓	
hsa-miR-373	FOXO3	✓		✓
hsa-miR-373	TMEM239	✓	✓	
hsa-miR-373	DCAF8	✓	✓	✓
hsa-miR-373	JAK2	✓	✓	✓
hsa-miR-373	KCNJ2	✓	✓	
hsa-miR-373	LMOD2	✓		✓
hsa-miR-373	PDE5A	✓	✓	✓
hsa-miR-373	PIM1	✓		
hsa-miR-373	PPP1CC		✓	✓
hsa-miR-373	PPP2R1B	✓	✓	
hsa-miR-373	ROCK1	✓		✓
hsa-miR-373	TGFBR2	✓	✓	
hsa-miR-373	TGIF1	✓		✓
hsa-miR-373	TPM3	✓	✓	✓
hsa-miR-514	PPP2R1B	✓	✓	
hsa-miR-514	BMP2	✓		✓
hsa-miR-514	FOXO3	✓	✓	✓
hsa-miR-514	BMPR2		✓	✓
hsa-miR-514	TGIF1	✓	✓	✓
hsa-miR-514	PDE5A	✓	✓	✓
hsa-miR-514	TPM3	✓		✓
hsa-miR-514	TLN2	✓		✓

miR, microRNA.