

**Table S6.** Enh<sub>p53</sub> that regulates both miRNA and mRNA

Enhancer	miRNA	Gene
chr7:130373756-130374065	hsa-miR-335-3 hsa-miR-29a-3p hsa-miR-29b-3p	KLF14
chr7:135300381-135315387	hsa-miR-6509-5p	AGBL3
chr11:118912202-11891266	hsa-miR-6716-3p	UPK2 、 ABCG4
chr16:57893719-57894288	hsa-miR-6772-3p	ADGRG1、 ADGRG3、 CFAP20
chr19:782330-783005	hsa-miR-4745-5p	MADCAM1、 GZMM、 CFD、 ARID3A