

Table SI. Primer sequence.

Primer	Forward sequence, 5'-3'	Reverse sequence, 5'-3'
miR-181b-5p mimics	AACAUUCAUUGCUGUCGGUGGGU	CCACCGACAGCAAUGAAUGUUUU
miR-181b-5p inhibitor	ACCCACCGACAGCAAUGAAUGUU	
NC mimics	UUCUCCGAACGUGUCACGUTT	ACGUGACACGUUCGGAGAATT
NC inhibitor	CAGUACUUUUGUGUAGUACAA	
si-NC	UUCUCCGAACGUGUCACGUTT	ACGUGACACGUUCGGAGAATT
si-p53	GCAGUUAAGGGUUAGUUUATT	UAAACUAACCCUUAACUGCTT
p53 overexpression	CCGCTCGAGATGGAGGAGCCGCAG TCAGA	ATTTGCGGCCGCTCAGTCTGAGTCAGGC CCTTCT
Wt-p53 3' UTR	CCGCTCGAGCTCCAGCCACCTGAAG TCCAA	ATTTGCGGCCGCGGTATGTCCTACTCCCC ATCCTC
Mut-p53 3' UTR	TGTTTCGGTGGCTGTCCCTCCCACCCC CATCTCTCC	CTCCCACCCCCATCTCTCCCTCCCCTGCC ATTTTGGGTTTTGGGTCTTTGAACCC
miR-181b-5p	RT:GTCGTATCCAGTGC GTGTCGTGGA GTCGGCAATTGCACTGGATAACGACAC CCAC F:GCAACATTCATTGCTGTCG	CAGTGC GTGTCGTGGA
U6	CTCGCTTCGGCAGCACA	AACGCTTCACGAATTTGCGT
p53	CAGCACATGACGGAGGTTGT	TCATCCAAATACTCCACACGC
GAPDH	ACAGCCTCAAGATCATCAGC	GGTCATGAGTCCTTCCACGAT
ChIP for miR-181 promoter	TTCACAAGAAATAAACTGTTGGAGA	CTGACCTGTCTCACCCACTGC

si, small interfering; miR, microRNA; ChIP, chromatin immunoprecipitation; UTR, untranslated region; wt, wild-type; mut, mutant; NC, negative control; RT, reverse transcription.