

Table S1: The putative p53 binding-sites

Site	Profile	p53 binding-site	Position	% Score	Strand	Promoter
1	*p53_sp	CACCAAGACA	21-30	71.6	+	1A
	*p53_sn	AGATTGATT	39-48	73.9	-	
2	p53_sn	TGGCATTACG	80-89	70.2	+	1A
	p53_sp	CCCCACGTCT	99-108	68.5	+	
3	p53_sp	ACGCTGGTTA	336-345	67.9	+	1A
	p53_sn	CGGTTAGCCA	360 369	72.1	+	
4	p53_sp	AAGCAAGACG	611-620	84.4	+	1A
	p53_sn	GCACATATTG	632-641	72.6	+	
5	p53_sn	GGGCAAATAG	647-656	72.3	-	1A
	p53_sp	GAGCAGGGAG	658-667	66.3	-	
6	p53_sn	CCACACGCC	901-910	76.5	-	1B
	p53_sp	TCGCTAGCCC	914-923	81.1	-	
7	p53_sp	GAGCGAGAAAG	931-940	65.4	+	1B
	p53_sn	GGAAGTGCCG	948-957	70.3	-	

* Sp and Sn are for specific and sensitive, respectively.