

Supplemental Information S3 | Novel validated p53 REs that differ widely from consensus*

Gene	Description	Reported p53 RE			Gene Ontology
		Decamer 1	Spacer	Decamer 2	
BDKRB2, BK2	bradykinin receptor B2	GGA ag TGCCC		AGG aggc Tga	CytoR
BTG2, TIS21	BTG family, member 2	AG tCcgGgCa	g	AG cCcgagCa	Cell cycle
CAV1	caveolin 1, caveolae protein, 22kDa	G cc CAAG CaC	cccagcgcggg	AG AaAc GTTC	Transport
CTSD, IRDD	cathepsin D	AA c CTT Gg TT	tgc	AAG aggc TTC	ECM
CTSD, IRDD		AAGCT gGg CC		GGGCT ga CCC	ECM
DUSP1, MKP1	dual specificity phosphatase 1	GG tC cTGCCC	a	GG caAA t ggg	Cell cycle
HGF, SF	hepatocyte growth factor	A c ACAT G T a T		tttC cTGTTT	Cell cycle
HIC1	hypermethylated in cancer 1	GGGC gc TGCCC		tGGCA caGCTC	Transcription
KRT8, CK8	keratin 8	ccGC cTGCCT	cc	A ctC cTGCCT	CytoS
MET	met proto-oncogene	GGAC ggaCag	cacgcgagggcagac	AGAC A c GTgC	Cell cycle
PCBP4, MCG10	poly(rC) binding protein 4	GG t CTT Gg CC	c	AGACTT AGCaC	Apoptosis
PCBP4, MCG10		GA ACTTAA G a CC	gaggctct	GGACA AGTTg	Apoptosis
SH2D1A, SAP	SH2 domain protein 1A, Duncan's	GGGCT gG GCTC		GGCT gG GCTC	CytoR
SH2D1A, SAP	disease	cAAc acTGC aC	tagt	GGGCT gG GCTC	CytoR
TYRP1, TRP-1	tyrosinase-related protein 1	GAGC Ag aTTT	gggattaattatc	AGGC Ag ca aT	Metabolism
TYRP1, TRP-1		cc ACATGC aC		ttAa cAGTTC	Metabolism
TYRP1, TRP-1		AGAC c AGCCC	cc	cG cCTAGTTT	Metabolism

*Presented is a complete list of p53 REs from the validated genes described in REF. 12 where the proposed RE sequence differs widely from consensus sequence.