

Supplementary Table 2. B7-H3-p53 and PTEN pathway gene analysis

GH15J074539 Promoter/Enhancer (n=262)				GH15J073682 Promoter/Enhancer (n=146)		GH15J073695 Enhancer (n=64)	Putative Transcriptional Regulators of B7-H3 (Overlapped genes in three datasets) n=27
HCFC1	ATF1	MEIS2	PHF8	ZNF580	ARID1B	ZIC2	SP1
SP1	CREM	ELF3	ATF7	ATF2	ARID4B	ZNF600	POLR2A
POLR2A	ZNF843	ZFX	GATAD2B	KLF17	ZNF687	BCL11A	ZIC2
DPF2	SUPT5H	ZNF133	RUNX3	JUND	CREB1	MNT	ZNF600
ZNF580	KDM5A	PHF20	CBX3	NCOR1	ZNF644	ELF1	BCL11A
KLF17	ZBTB48	SP7	EP300	POLR2A	ZNF324	TAF9B	SIN3A
SIX5	ZNF146	HDAC1	ZSCAN18	ZIC2	HLF	ETS1	ELF1
NCOR1	ZBTB40	ZNF548	NBN	ZNF600	ATF3	SP2	SP2
ZNF184	SPI1	GATA2	PAX8	HIC1	PHF21A	MAFF	PRDM10
ZIC2	HDAC2	KLF5	POLR2B	ZBTB10	SP3	SIN3A	TCF12
ZNF600	BCL11B	GABPB1	KLF8	NFIC	ZBTB8A	GABPA	IKZF1
BCL11A	MYC	ZNF366	TCF7	CTCF	ZSCAN4	ZNF316	RAD21
YY1	TAF1	KLF1	ETV6	UBTF	ZNF660	EBF1	ATF2
HIC1	PRDM6	ZBED1	RELB	ZMYM3	GATAD2B	NFE2	GLIS1
ZBTB10	ZBTB1	ZNF561	TSHZ1	ZNF217	ZXDB	MAFK	KLF1
NFIC	PKNOX1	ARID1B	LEF1	ZNF639	EGR2	KLF16	KDM1A
DEK	ZSCAN23	ARID4B	ZBTB20	ZEB1	ZEB2	SPI1	ZBTB8A
ZNF207	PRDM10	ZNF785	REPIN1	KDM6A	HNRNP	ZNF318	EGR2
CTCF	BATF	ZNF792	GATAD2A	CHD4	FOS	MYC	KLF16
RCOR1	ZNF624	ZBTB7A	CC2D1A	ELF1	ZNF629	MAX	FOS
MAZ	MLLT1	E2F4	BCOR	SAP130	XRCC5	BATF	PATZ1
MBD2	ZNF24	KLF10	ARNT	KLF9	ZNF692	ZNF189	GLIS2
NONO	ZNF189	YY2	HMBX1	CUX1	CBFA2T2	MAFG	ZBTB17
TRIM22	SCRT1	CREB1	ZBTB11	FEZF1	MTA1	JUND	EP300
ELK1	SMARCA4	ZNF324	RBFOX2	SP2	PATZ1	SRF	ZBTB11
MNT	NRF1	TBL1XR1	ZNF23	ZBTB7B	CHD2	POLR2A	ZFHX2
HES1	ZNF2	CHD1	CBFA2T3	THAP11	RNF2	IKZF1	ZNF335
SIN3A	PAX5	CTBP1	ZBTB25	RXRA	KAT8	RAD21	
ZNF341	NCOA1	ATF3	ZNF423	SMAD4	TRIM24	ATF2	
TBP	ZEB2	ZSCAN21	ZFHX2	SIN3A	ZNF24	GLIS1	
ZSCAN16	SRF	KDM1A	ZNF747	TCF7L2	IRF2	ZBTB40	
ZNF217	TCF12	SP3	ZSCAN5C	TAL1	CTBP1	SP1	
ZNF639	SMARCE1	ZBTB8A	PML	FOSL2	ZNF239	ZNF16	
MAX	INSM2	ZSCAN4	PBX2	DRAP1	IKZF1	GABPB1	
NR2C1	DIDO1	ZXDB	HDGF	GLI4	GF1B	KLF1	
ZEB1	REST	TARDBP	EMSY	THRB	MYNN	KLF10	
ZNF223	IKZF1	EGR2	ZNF37A	RAD21	ZNF704	TBL1XR1	
KLF7	RB1	GTF2F1	PRDM1	ZBTB48	GLIS2	ZBTB8A	
KMT2B	ZFP37	KLF16	ZBTB26	KLF16	ZBTB17	DACH1	
MXD4	EGR1	FOS	ZNF444	BCL11B	TARDBP	EGR2	
SMAD5	ZNF547	ZNF629	SCRT2	STAT5A	SOX6	NFE2L2	
ELF1	GATAD1	RBAK	SREBF2	PRDM6	ZNF579	PATZ1	
TAF9B	HBP1	ZNF692	ZNF335	PRDM10	ZBTB6	OSR2	
BHLHE40	HMG20B	CBFA2T2	BCLAF1	KDM1A	TAF1	IKZF2	
SAP130	RAD21	ZNF221	MIER1	TCF12	BCL11A	PRDM10	
KLF9	TAF7	KDM4B	E2F1	SMARCE1	SMC3	GLIS2	
ETS1	CBLL2	PATZ1	ZBTB44	INSM2	PHF8	ZBTB17	
ZNF610	MTA3	MTA2	MGA	HNF4A	TRIM22	EED	
SP2	MAFK	CHD2	WT1	EGR1	EP300	ZNF280C	
RFX5	ATF2	OSR2	UBTF	ZNF664	ZSCAN18	TCF12	
MIER3	ZNF518A	RNF2	TAL1	HMG20A	KLF8	EP300	
IRF4	ZSCAN29	IKZF2	TFDP1	MTA2	LEF1	RUNX3	
ZBTB7B	JUNB	KAT8	ZNF512B	DPF2	ZBTB20	NBN	
ZNF513	NFYC	TRIM24	ZNF501	RBPJ	BCOR	ETV6	
DEAF1	STAT1	LARP7	ELF4	BHLHE40	ZNF777	ELK1	
NKRF	BACH1	IRF2		NR2F6	ZBTB11	FOS	
GABPA	ZBTB21	ZNF558		ZBTB21	RBFOX2	ZBTB11	
SMC3	AEBP2	MZF1		GLIS1	CBFA2T3	NR2F2	
THAP11	GLIS1	ZNF239		ZNF398	ZBTB25	ZNF423	
SMARCA5	STAT3	GF1B		TEAD4	SMARCA5	ZFHX2	
SIN3B	PRDM4	MYNN		ZFP69B	CHD1	KDM1A	
ZNF316	ZNF398	IRF3		ZNF652	ZFHX2	MLLT1	
EBF1	TEAD4	ZNF704		RXRBR	PML	EMSY	
DDX20	ZNF18	E2F8		IKZF5	SKI	ZNF335	
CBFB	ZFP69B	GLIS2		ZFX	HDAC2		
TCF7L2	ZNF837	ZBTB17		CREM	PRDM1		
ETV4	GLI4	RXRA		SP1	SMARCA4		
FOSL2	ZSCAN5A	ZNF143		JUNB	ZBTB26		
ZNF433	BCL6	EED		SP7	ZNF444		
				GATA2	SCRT2		
				ZNF366	ZNF335		
				KLF1	NR2F1		
				ZNF561	ERF		