

## Xu\_Table S4.

Top ranked E2F promoters (combined E2F1, E2F4, or E2F6 in all 5 cell types)

AATF	CAND1	CSTF3	FANCF	HIST1H2BH	ISG20L1
ABCC4	CAPNS2	CTDSPL2	FANCG	HIST1H2BJ	ISL2
ACTR10	CASP2	CXORF2	FANCL	HIST1H2BK	ITR
ADAMTS5	CASP8	DARS2	FBXO9	HIST1H2BL	IVNS1ABP
AGA	CASP8AP2	DBF4B	FHIT	HIST1H2BM	JMJD1A
AGGF1	CBX5	DBP	FHL2	HIST1H2BN	JRKL
AIP	CCDC14	DCLRE1C	FKBP3	HIST1H3A	KBTBD1
AK2	CCDC5	DCP2	FKSG14	HIST1H3B	KHSRP
ALDH6A1	CCDC66	DCUN1D3	FKSG49	HIST1H3C	KIF15
ALDOA	CCDC76	DDB2	FSHPRH1	HIST1H3D	KIF20A
ALG8	CCDC83	DDX59	FUSIP1	HIST1H3E	KIF2C
ANP32E	CCNG2	DEPDC1B	GAS8	HIST1H3F	KIF4A
AP1S1	CD44	DGCR8	GCHFR	HIST1H3G	KNTC1
AP1S2	CDC16	DHDDS	GGA1	HIST1H3H	KRT14
AP4B1	CDC23	DHX34	GLS2	HIST1H3I	LACTB2
ARHGAP11A	CDC25C	DHX40	GNL1	HIST1H3J	LARS
ARHGAP19	CDC7	DIRC2	GNL3L	HIST2H2AA	LEMD3
ARID3B	CDCA1	DLG7	GOLT1B	HIST2H2AA1	LETM2
ARNTL2	CDCA3	DNA2L	GORASP2	HIST2H2AA2	LMCD1
ARPP-19	CDCA5	DNAJB4	GPR150	HIST2H2AB	LMNB1
ASCC1	CDCA7	DTL	GRIN2B	HIST2H2AC	LSM16
ASF1B	CDCA8	DZIP3	GSPT2	HIST2H2BE	LZTFL1
ASPM	CENPA	E2F2	GTF2F2	HIST3H2A	MAD2L1
ATAD2	CENPF	E2F3	GTF2IRD2	HIST3H2BB	MAGI3
ATM	CEP152	EBAG9	GTF2IRD2B	HIT-40	MALAT1
AURKB	CEP57	ELOVL3	GTPBP2	HMGB2	MAWBP
AURKC	CHP	EPIM	GTPBP3	HNRPA1	MCM3
B2M	CIDEC	ERCC8	GTPBP8	HNRPA2B1	MEOX2
B3GALT3	CIT	ETV1	H2AFV	HNRPC	METTTL2A
BAT2	CKLF	EXDL1	H2AFX	HNRPUL1	METTTL2B
BBS5	CKS1B	EZH1	H2BFS	HSCARG	METTTL4
BCAS3	CLIC1	FAM103A1	HCN3	HSPA9B	MFAP1
BCDIN3	CNIH3	FAM33A	HDGF2	HSPBAP1	MICA
BLM	CNOT4	FAM54A	HIST1H1B	HTLF	MNS1
BRD8	CNTD	FAM60A	HIST1H1D	HYPE	MPHOSPH1
BRIP1	COX8A	FAM62A	HIST1H1E	IL12RB2	MPPED1
BUB1	CRYZL1	FAM72A	HIST1H2AB	IPMK	MRP63
BUB1B	CSF2RA	FAM76B	HIST1H2AD	IQCH	MRPL13
BUB3	CSNK2B	FAM82B	HIST1H2AE	IQGAP3	MRPL51
BZW1	CSPG6	FANCD2	HIST1H2BB	IREB2	MRPS18B

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MRVI1	PGRMC2	RP11-34P13.4	SUCLG1	USP5
MSH5	PHC1	RP5-1119A7.4	SUHW3	USP52
MTHFD1	PLDN	RPA2	SULT1A3	UTP11L
MTMR8	PMS2L5	RPL35A	SULT1A4	UXT
MTR	PNPO	RPL37A	SUMO1	VPS24
MTRF1L	POLDIP3	RPS13	SYCE2	VPS29
MUC19	POLR3A	RPSA	TAF6L	VPS45A
MUT	PPCDC	RQCD1	TAOK2	VSNL1
MYC	PPM1B	RTTN	TBC1D15	WDR36
NBEAL1	PPM1D	SART3	TCERG1	WDR67
NBLA00301	PPP1R10	SASS6	TEX14	WDR74
NDUFV3	PPWD1	SCT	THAP10	WDR76
NEK11	PRCP	SDHC	TK2	YBX1
NFE2L1	PRDX1	SERBP1	TMED1	ZBTB37
NFE2L3	PREI3	SFPQ	TMEM109	ZC3H10
NGLY1	PRKCBP1	SFRS1	TNCRNA	ZCCHC7
NOC3L	PSMA5	SFT2D2	TNFRSF25	ZCWPW1
NOLC1	PSMC3	SFT2D3	TNFSF10	ZFP3
NPM1	PSMC4	SGCE	TOMM70A	ZFPL1
NSUN5C	PVRL1	SGOL1	TOP2A	ZFYVE27
NUDCD1	R3HDM1	SGTA	TOR3A	ZNF214
NUDT15	RAB3GAP2	SHMT1	TPM3	ZNF28
NUDT2	RACGAP1	SLC16A14	TPX2	ZNF291
NUDT5	RAD51AP1	SLC33A1	TRAIP	ZNF479
NUFIP2	RAD51L1	SLC3A2	TRIM37	ZNF594
NUP133	RAD54B	SLC7A5	TSSC1	ZNF613
NUP155	RAD9B	SMAD4	TTF2	ZNF684
NUP205	RAP1B	SMARCA3	TUBGCP3	ZNF689
NUP37	RBBP4	SMG1	TXNDC12	ZNF740
OIP5	RBM35A	SNRPA	TYK2	ZNFX1
OSGEP	RCC1	SNRPB	UBAP2	ZPBP2
OXA1L	RCHY1	SNRPC	UBE2C	ZSCAN2
PAF1	RECQL	SOX2	UBE2E1	ZUBR1
PARG	RFC3	SP1	UBE2S	ZWINT
PARP14	RFX5	SPBC25	UBE2T	
PARP2	RIBC1	SPOP	UBXD3	
PBK	RIBC2	SRF	UNQ1887	
PDP2	RNF121	SSBP4	USF1	
PDZD11	RNF130	ST3GAL4	USP37	
PEX19	RP11-19J3.3	STIL	USP4	