

Supplemental Table S2.

Overlap between Fip1 PtoD APA targets and putative self-renewal factors identified by previous RNAi screens.

Fip1 APA PtoD Genes		
Gene Symbol	Gene ID	Overlap
Cul3	26554	YES
Eif4g2	13690	YES
Ncaph2	52683	YES
Nampt	59027	YES
Rbx1	100043674	YES
Ncl	17975	YES
Mtch2	100039506	YES
Pcna	18538	YES
Pole4	66979	YES
Cnot1	620499	YES
Mrpl55	67212	YES
2410015M20Rik	224904	YES
Sf3b1	81898	YES
Tcp1	21454	YES
Calm3	665672	YES
Atp2a2	11938	YES

RNAi screen hits		
Hu et al Screen Hits	Ding et al Screen Hits	Farzzio et al Screen Hits
ADK	ADK	Mbd3
APC	APC	Rnf2
Cpsf3	CCNK	Smc1a
Ctr9	CNOT1	Tcp1
Fip111	CPSF3	Trim28
Iws1	CTR9	Stat3
Mcrs1	FIP1L1	Aqr
Ncapg2	GUCY1A3	Arid1a
Pcid2	Hmcn2	Arid4a
POU5F1	HSPB7	Brca1
Rif1	IMPAD1	Brd4
Rmnd5a	IWS1	Cbx3
Rnf2	KLC3	Cdc5l
Setd1b	MCRS1	Chaf1b
SOX2	Med14	Ddx18

Wdr61	NCAPG2	Ddx19a
YY1	PCID2	Ddx39
EP300	Pou5f1	Ddx41
Rexo1	RIF1	Ddx47
MBD3	RMND5A	Ddx54
Smc1a	RNF2	Ddx56
TRIM28	SETD1B	Dhx15
CNOT3	SHFM1	Dhx37
Eif2s3x	SOX2	Dhx8
Eif4a1	WDR61	Dmap1
Epdr1	Stat3	Eif4a3
Nipbl	0610030E20RIK	Ep400
Paf1	1110014J01RIK	Gmn
Pcgf6	1190002H23RIK	Grid2
RAD21	1200016B10RIK	H2afz
RBX1	1700001J04Rik	Ighmbp2
Rfwd2	1700001K23RIK	Ino80
2610304G08Rik	1700009P17RIK	Insl6
ALDOA	1700081L11RIK	Ints4
Atox1	2210013O21RIK	Kat5
Cpsf1	2310002J15RIK	Lsm2
Cpsf2	2410015M20RIK	Lsm7
Dazap1	2610100L16RIK	Mcm2
Ehmt1	2700059D21RIK	Mcm4
Eif4g2	2810006K23RIK	Mcm6
Eny2	2900042B11RIK	Mcm7
Hira	3110003A22RIK	Mettl5
IL6ST	4930563E22RIK	Phf5a
Ing5	4933403F05RIK	Ruvbl1
Krtap21-1	5330431K02RIK	Ruvbl2
Mga	5830408B19RIK	Setd8
Ncaph2	9030425L15RIK	Sf3b1
NCOA3	9330182L06RIK	Sin3a
NEDD8	AASDH	Skiv2l2
Nup188	ACACA	Smarca4
Olf114	ACADSB	Smarcc1
Olf1887	ACOT11	Smc2
Pcbp1	ACSM2	Smc4
2610015J01Rik	Adat3	Snrnp200
Spesp1	AHNAK	Snrpd1
Spire1	A1115009	Snrpd2

Sprr2i	AI836003	Snrpd3
Trim16	ANGPT1	Snrpe
Xpo7	ANKRD12-LIKE	Snrpf
Mtch2	ARHGEF18	Snrpg
1110020P15Rik	ARL8A	Snrpn
1500035H01Rik	ARMC9	Sp1
1700067P10Rik	Ascc1	Ssrp1
3110070M22Rik	ATN1	Supt16h
5430407P10Rik	ATP2A2	Trrap
Acox1	ATP2C1	Utp3
Amot	ATP6V0A1	Yeats4
Atg3	AUH	Zcchc4
Bcl2l12	B130055M24RIK	
CBX1	B230342M21RIK	
Ccrn4l	B430203M17RIK	
CDK9	B930053N05RIK	
Cdkn2aip	BACH2	
GM1959	BC018507	
Cnih3	BC031353	
Coq3	BCAM	
CUL3	BCL9L	
CXCL9	BCORL1	
D630039A03Rik	BECN1	
Dab2ip	C76472	
Ear11	CALM3	
ECEL1	CCDC15	
Elof1	CCDC56	
EYA1	CCNY	
EYA2	CD180	
Fbxl8	CDH13	
Fry	CDH4	
GALE	CEP350	
GGH	CHRM3	
Golga7	CIITA	
Grk6	CLDN7	
HLA-DPA1	CLP1	
Hao1	CPEB4	
Hist1h3i	CREG1	
HNRPUL1	CTDSPL	
HOXA7	Cux1	
HTATIP2	CXXC1	
Ii20	CYBASC3	
Znhit4	D14Ert16e	

Ccdc95	D16WSU119E	
MAPK14	D3ERTD300E	
Med10	D630023F18RIK	
Metap2	D630028G08RIK	
MS4A6B	D7ERTD128E	
NTS	DRD2	
Olf100	DUSP3	
4930415J05Rik	Efr3b	
Olf380	EG214321	
Olf954	EIF4E	
OSTF1	ELL2	
P4ha3	ERAF	
Pax7	ETV1	
PCNA	FASTKD3	
PECI	FBP2	
Piwil4	FBXO5	
Plac1	FMO1	
Pole4	FOXP1	
PPP4C	FOXP3	
Rnf146	Fscn1	
Samd11	FZD10	
Samd5	Glis3	
Sema4a	GM47	
Sgsm3	GMPS	
Slc16a11	GPC6	
Slc19a3	Gpr137c	
Spag7	GPT1	
Ssu72	HAGH	
1700095N21RIK	HARS	
Syng1	HIPK1	
Syt13	Hopx	
Tekt1	HOXC9	
TGFB1	HTRA1	
5730409G07RIK	IFT122	
Thoc5	IGFBP3	
Triap1	IGSF5	
Trmt6	IL20RB	
TUBD1	INA	
UBE1X	IRAK1BP1	
Uncx4.1	IVD	
Vamp2	JARID1A	
Zadh2	JPH4	
Zfp13	KCNH1	
Zfp219	KCNIP4	

A930006D11Rik	KIF11	
Zfp628	LAPTM5	
Zfp759	Lifr	
Zfp771	LIN54	
Zfp786	LOC230628	
	LOC638275	
	LSM10	
	LY9	
	LYL1	
	MAP3K7IP3	
	MARCKSL1	
	MDGA2	
	MFSD2	
	MGAT1	
	MKKS	
	MRPL38	
	MRPL55	
	MRPS30	
	MUM1L1	
	MYH9	
	MYLC2PL	
	NCL	
	NDUFS2	
	NFYA	
	Nova1	
	NPC2	
	NPHP4	
	NUDT18	
	NUDT3	
	PAG1	
	PARP6	
	PBEF1	
	PCBD1	
	PCLO	
	PDE4A	
	PDK1	
	PDK3	
	pdlim2	
	PHF23	
	PHR1	
	PIK3CA	
	PLEKHG1	

	PLRG1	
	PNCK	
	PPM1L	
	PPP2R5E	
	Ppp4r2	
	PPTC7	
	PRKAG1	
	PRKCZ	
	PRMT8	
	PRPF40B	
	PTBP1	
	RAD51	
	RBM6	
	RERE	
	RG9MTD2	
	RHOC	
	RHOG	
	RLF	
	RNF20	
	RP23-143A14.5	
	RP9	
	RPA3	
	RTF1	
	SAFB	
	SCGN	
	SFRP4	
	SIX6OS1	
	SLAIN1	
	SLAIN2	
	SLC22A18	
	SLC25A25	
	SLC25A35	
	SMEK1	
	Socs4	
	SOS1	
	SPRED2	
	ST8SIA4	
	STAG1	
	STAT5A	
	STOML3	
	SYPL	
	TBC1D5	

	THBS3	
	THOC1	
	THOC2	
	TMEM33	
	TMEM4	
	TMEM52	
	TRAPPC6A	
	TSGA14	
	TSHB	
	TSPYL4	
	TTC18	
	TXNIP	
	UBE2M	
	UBOX5	
	USP19	
	USP31	
	VANGL1	
	VTI1A	
	WDR5	
	WDR59	
	WNK1	
	XPNPEP3	
	XPO4	
	ZBTB20	
	ZBTB37	
	ZFP110	
	Nampt	
	Ilf3	
	Liph	
	Fam48a	
	Dph1	
	Med31	
	Safb2	
	Rrp7a	
	Gpt	
	Insl3	
	1700020K04Rik	
	Oog3	
	C230076A16Rik	
	Zfp689	
	Ubxn2b	
	Plekhb1	
	Gm4787	
	Pgap2	

	Kdm5a	
	Csrp3	
	Wnk4	
	AA545190	
	Cd22	
	Tmem138	
	Ankrd12	
	Myl10	
	D130020L05Rik	
	Cnpy2	
	Gchfr	
	Map3k7	
	N4bp2l1	
	Calm1	
	Mfn2	
	Nfix	
	Pappa	
	Pik3r1	
	Pcdh9	
	Tcf12	
	Fzd2	
	Mfsd2a	
	5033414K04Rik	