

**Supplementary Table 7:** List of genes that are common to our study, the census of human RNA-binding proteins and the unexplored human RBP atlas as well as unique to each study.

Genes common to all three studies	Genes unique to our study	Genes unique to the census of human RBPs (Gerstberger et al.)	Genes unique to the unexplored human RBP atlas by SPOT-Seq RNA (Zhao et al.)
ADAT2	44M2.3	AARSD1	BRD8
ADAT3	AAMP	ABT1	SAP130
BCLAF1	ABCA1	AC004381.6	PWWP2A
BUD13	ABCA10	ACIN1	TCEAL5
CAPRIN1	ABCA12	AFF1	FLG
CAPRIN2	ABCA13	AGFG1	SAMD11
CCNT2	ABCA2	AIMP2	CEP290
CNOT7	ABCA3	AKAP17A	GLTSCR1L
CNOT8	ABCA4	AKAP8	RASA1
CWF19L2	ABCA5	AKAP8L	CXXC5
CXorf23	ABCA6	ALKBH1	APOBR
DALRD3	ABCA7	ALKBH5	TAF1C
DARS	ABCA8	ALKBH8	ING3
DAZ3	ABCA9	ANG	ARHGAP39
DAZ4	ABCB1	ANGEL1	SHCBP1L
DCP1B	ABCB10	ANGEL2	SRCIN1
DDX27	ABCB11	APEX1	HMX1
DDX39A	ABCB4	API5	NFIB
DNTTIP2	ABCB5	AQR	DLX5
EEF1A1	ABCB6	ARHGEF28	DLX1
EEF1A2	ABCB9	ASH1L	KAT7
EIF2S3	ABCC1	ATXN2	ZNF355P
EIF2S3L	ABCC11	AUH	SPTA1
EIF4ENIF1	ABCC12	AZGP1	OTUD4
FBLL1	ABCC2	BARD1	LRRC8A
GFM1	ABCC4	BAZ2A	RSPH4A
GPATCH8	ABCC5	BAZ2B	CRTC2

GSPT1	ABCC6	BMS1	PIDD1
GSPT2	ABCC8	BRCA1	CCDC88A
GTPBP1	ABCC9	BRIX1	ZNF630
GTPBP2	ABCD3	BZW1	LRRC10
GUF1	ABCF2	BZW2	ZNF618
HABP4	ABCF3	C11orf68	FOXN3
HBS1L	ACBD6	C17orf85	NUPL1
IARS	ACD	C1QBP	WASL
ICT1	ACR	C2orf15	COL4A5
KARS	ACVR1B	C9orf129	CASZ1
LARS	ADCK1	CACTIN	SFTPD
LARS2	ADCK2	CALR	GLI1
MEPCE	ADCK3	CALR3	COL20A1
MTFMT	ADCK5	CANX	IGFBP3
MTRF1	ADRBK1	CCDC59	INPP5D
MTRF1L	ADRBK2	CCRN4L	EDA
NARS	AGGF1	CD2BP2	SPATA31A6
NARS2	AHI1	CDK5RAP1	ENTHD1
PABPN1L	AICDA	CEBPZ	TCEAL6
PAPD5	AK2	CHTOP	CTAGE5
PAPD7	AK3	CLK1	C6orf222
PARS2	AK4	CLK2	MCPH1
PNLDC1	AKAP7	CLK4	SUPT20H
QARS	AKT1	CNOT1	RAPGEF2
RARS	AKT2	CNOT10	PRRT4
RARS2	AKT3	CNOT11	WIP1
RBFOX3	ALDH1L1	CNOT6	SIX5
RBPMS2	ALDH1L2	CNOT6L	IRF2BP2
RRP12	AMFR	CPSF4	KLF5
SMG7	AMIGO1	CRYZ	TLN2
SRRM3	AMIGO3	CTU1	SP1

SWT1	ANAPC5	CTU2	DOK7
TARS	ANK1	CWC22	NR1H3
TARS2	ANK2	CWC25	FAM47C
TARSL2	ANK3	CWC27	ZNF577
THRAP3	ANKDD1A	DDX26B	RAD17
TOE1	ANKDD1B	DEK	LRSAM1
TRIT1	ANKEF1	DGCR14	SPATA31A7
TRMT2B	ANKFY1	DNAJC17	CFAP46
TUFM	ANKK1	DNMT1	ADAMTS12
VAR5	ANKMY1	DRG2	DMAP1
VAR52	ANKRA2	DUSP11	TRPS1
WARS	ANKRD12	DYNC1H1	TNS4
WDR5	ANKRD16	DYNLL1	KCNK4
YBX3	ANKRD19P	DZIP1	CDCA5
YTHDC1	ANKRD2	DZIP1L	TOX
YTHDC2	ANKRD20A1	DZIP3	HOXC11
YTHDF1	ANKRD20A2	EDC4	FRMPD1
YTHDF2	ANKRD20A3	EEF1B2	MAP6D1
YTHDF3	ANKRD20A4	EEF1D	FAM110B
ZCCHC11	ANKRD20A8P	EEF1E1	KRTAP10-12
ZNF385A	ANKRD23	EEF1G	KRTAP10-11
ZNF473	ANKRD24	EEF2K	MACF1
	ANKRD27	EIF1AD	KRTAP10-8
	ANKRD28	EIF1AX	MLXIP
	ANKRD29	EIF1AY	GEN1
	ANKRD30B	EIF2A	POM121
	ANKRD30BL	EIF2AK3	PHACTR2
	ANKRD31	EIF2B3	LIMD1
	ANKRD35	EIF2B5	ZMYM4
	ANKRD42	EIF2D	NR1D2
	ANKRD44	EIF2S2	ZNF217

ANKRD50	EIF3E	BCAS1
ANKRD52	EIF3H	DENND1A
ANKRD54	EIF3K	IER5L
ANKRD55	EIF3M	CDC42EP4
ANKRD6	EIF5	COL4A6
ANKRD61	EIF5A	FRMPD3
ANKRD62	EIF5A2	POM121B
ANKRD65	EIF5AL1	NUTM2B
ANKRD66	ENDOG	MYH8
ANKRD7	ENDOV	SSBP4
ANKS1A	ENOX1	RAPH1
ANKS1B	EWSR1	PPP1R13L
ANKS3	EXO1	CENPT
ANKS6	EXOG	KIF19
APAF1	EXOSC3	PARP9
APOA1BP	EZH2	SCYL1
APOBEC3A	FAM120A	MROH1
APOBEC3B	FAM120B	ANKRD11
APOBEC3C	FAM120C	ATF7IP
APOBEC3D	FAM46A	ABI3BP
ARID4A	FAM98B	DLGAP4
ASB10	FAM98C	ARHGEF26
ASB13	FARSA	PLEKHA6
ASB14	FASTK	EMID1
ASB15	FBXO17	COL26A1
ASB16	FRG1	LRR1
ASB2	FRG1B	ZBTB21
ASB3	FYTTD1	ZMIZ1
ASB6	GAPDH	PPP1R15A
ASB7	GATC	FAM122A
ASB8	GCFC2	SH3KBP1

ASCC3	GEMIN2	NYAP1
ASZ1	GEMIN4	FOXD1
ATE1	GEMIN6	BAHD1
ATG16L2	GEMIN7	GAS2L3
AURKA	GNL1	ZNF649
AURKAIP1	GNL3L	KIAA1683
AURKC	GPATCH4	ZNF341
BCL3	GPKOW	CENPC
BCL6	HELZ	SHROOM1
BCOR	HNRNPU	ZBTB5
BGN	HNRNPUL1	ZBTB39
BRAF	IFIT1	NRIP1
BRSK2	IFIT1B	ZBTB8B
BRWD1	IFIT2	GLTSCR1
BRWD3	IFIT3	ARMC9
BTRC	IFIT5	ODF3B
BUB3	IGHMBP2	ITIH6
C1R	ILF2	REPS1
C1RL	IMP3	BPTF
C1S	IMP4	NUMBL
C2	INTS1	PHGR1
C2orf49	INTS10	BCL11B
C9orf72	INTS12	TREML4
CAMK1	INTS3	HSF5
CAMK1D	INTS4	ARRDC1
CAMK1G	INTS6	ARPP21
CAMK2A	INTS7	HMX3
CAMK2B	INTS8	CAMSAP2
CAMK2D	INTS9	H1FNT
CAMK2G	IPO11	SPOCK1
CAMK4	IPO13	CEP97

CAMKK1	IPO4	TMC2
CAMKK2	IPO5	RGPD1
CAMKV	IPO7	RGPD2
CASK	IPO8	WAS
CCDC103	IPO9	ERVK-10
CCDC12	ISY1	SHOC2
CCNC	JAKMIP1	DNAAF3
CD101	KHDC1	ERC2
CD180	KHDC1L	IRAK3
CDC20	KHNYN	TRGV3
CDC20B	KIAA0020	GIGYF1
CDC42BPA	KIAA0391	RFC1
CDC42BPB	KIN	MYPOP
CDC42BPG	KPNB1	LPPR3
CDK1	KRR1	CSF2RB
CDK10	L1TD1	RIMS1
CDK11A	LAS1L	FAM222A
CDK11B	LCMT2	KRTAP29-1
CDK13	LONP1	ARHGAP23
CDK14	LRRC47	HOXA3
CDK15	LRRFIP1	GAGE13
CDK16	LRRFIP2	LNP
CDK17	LSG1	AFTPH
CDK18	LSM11	OSR2
CDK2	LSMD1	C19orf47
CDK20	LUZP4	SOX10
CDK3	MAK16	TIAM1
CDK4	MAZ	EBF1
CDK5	METTL1	GLI2
CDK6	METTL10	GLI3
CDK7	METTL2A	ZBTB48

CDK8	METTL2B	CEP170B
CDKL1	METTL5	AGBL5
CDKL2	MOV10	DAB1
CDKL4	MRP63	STIL
CDKL5	MRPL10	PRB1
CDRT1	MRPL14	ELN
CELA1	MRPL18	IGFBP2
CELA2A	MRPL21	ZNF362
CELA2B	MRPL22	TMEM108
CELA3A	MRPL23	GOLGA2
CELA3B	MRPL30	GOLGA3
CFB	MRPL32	SH3D21
CFD	MRPL35	FAM53C
CFI	MRPL36	SEC31A
CFTR	MRPL38	LRIF1
CHAD	MRPL45	PANX2
CHAF1B	MRPL46	MDM1
CHCHD1	MRPL47	USP17L1
CHEK1	MRPL49	EVL
CHEK2	MRPL52	PRDM13
CHUK	MRPL54	FAM196B
CIAO1	MRPS12	ARMC2
CIRH1A	MRPS27	DCAF4
CIT	MRPS31	HOXB9
CLUH	MRPS35	ZNF695
COPA	MRPS36	MBD1
COPB2	MRPS6	SPTY2D1
CORIN	MSL3	MED26
CORO1A	MTERFD2	CCDC120
CORO1B	MTG1	BICD2
CORO1C	MTHFSD	ZSCAN5D

CORO2A	MTIF3	PPP6R2
CORO2B	MTPAP	SS18L1
CORO6	MVP	C5orf60
CORO7	N4BP1	VSTM2A
CRCP	NIP7	NCOR1
CREBBP	NOA1	C17orf47
CSNK2A1	NOB1	GRIN2B
CSNK2A2	NOC2L	DOPEY1
CSNK2A3	NOC4L	IL16
CT55	NOL3	FOXK2
CTRC	NOL8	THBS3
CTRL	NOP16	ZBTB42
CTTNBP2	NOP2	S100PBP
DAPK1	NPM1	RSRP1
DAPK2	NPM2	ODF3L2
DAPK3	NPM3	NGEF
DAW1	NR0B1	MPLKIP
DCAF10	NSA2	SLC35G1
DCAF11	NSRP1	NCR3
DCAF5	NSUN2	KLF1
DCAF8L1	NSUN3	SPATA6
DCAF8L2	NSUN4	STK11IP
DCLK1	NSUN5	SPANXN2
DCLK2	NSUN6	SEN7
DCLK3	NSUN7	SYNPO
DCN	NUDT16	ATAD2
DDB1	NUDT16L1	PASD1
DDB2	NUFIP2	LEF1
DIEXF	NUP153	SCNN1A
DMPK	NUTF2	ZBTB1
DMXL2	NXF2B	ARHGEF5



DTD1	NXT1	KRTAP5-1
DTD2	NXT2	GTSE1
DTL	NYNRIN	KIF26A
DYNC1I1	OBFC1	SENP1
DYNC1I2	PA2G4	FOXO1
DYRK1A	PABPC1L2B	KMT2D
DYRK2	PAIP2	LIN54
DYRK3	PAIP2B	DBN1
DYRK4	PAN3	HEATR5A
E4F1	PARK7	EMSY
EBLN1	PARP1	ERICH5
EBLN2	PARP12	C11orf63
EHBP1	PARP4	TAOK1
EHBP1L1	PATL1	YEATS2
EIF4EBP1	PATL2	TAPBPL
EIF4EBP2	PDCD4	CBX8
EIF4EBP3	PDCD7	FAM71E2
ELL	PDE12	FAM90A8P
ELL2	PEG10	BNC1
ELL3	PES1	COL4A3
ELP2	PHF5A	OVOL1
ELP5	PIH1D3	DPCR1
EML1	PIN4	SGIP1
EML2	PLD6	CDSN
EML3	PNRC2	TMC5
EML4	POLDIP3	CBX7
EML5	POP4	VSTM4
EML6	POP7	MYT1
EP300	PPAN	RNF220
ERCC8	PPARGC1A	ZNF764
ERVK6	PPARGC1B	MSL1

ESPN	PPIH	SOX9
ESPNL	PPIL3	SOX2
EXD2	PPP1R10	SGOL1
EXO5	PPP1R8	LRRC8D
F10	PPRC1	KIAA0922
F11	PQBP1	SPATA31A3
F12	PRDX1	C10orf71
F7	PRKDC	KRBA1
F9	PRPF39	PHC1
FAM102A	PRPF40A	NKX3-2
FAM102B	PRPF40B	TCHHL1
FAM172A	PRPF4B	TBX19
FAM172BP	PSIP1	STAG3
FAM207A	PSMA1	MROH2B
FAM58A	PSMA6	HMGA2
FAM58BP	PTCD2	ABLIM2
FANCF	PTGES3	ZZZ3
FANCM	PTGES3L-AARSD1	PDE4DIP
FANK1	PTRF	TCF24
FBXW10	PURA	TACC1
FBXW11	PURB	USP17L5
FBXW2	PURG	SOX11
FBXW4	QRSL1	SOX18
FBXW8	R3HCC1	LAD1
FBXW9	RANBP17	PHACTR1
FEM1A	RANBP2	ARID3B
FEM1B	RANBP6	USP17L8
FEM1C	RBBP6	GAGE10
FIZ1	RBM20	C1QC
FLRT1	RBM25	C5orf24
FLRT2	RBM33	NHSL2

FLRT3	RBM41	ZNF592
FZR1	RBM43	NPIPB3
GADD45GIP1	RBM44	FAM21C
GART	RBM48	NUP50
GNB1	RBMY1J	TBC1D3C
GNB1L	RDM1	EPN1
GNB2	RNASE1	VGLL1
GNB3	RNASE10	PNPLA1
GNB4	RNASE11	COLCA2
GNB5	RNASE12	NKX6-1
GNG10	RNASE13	SYNPO2L
GNG12	RNASE2	C11orf96
GNG2	RNASE3	ZNF843
GNG3	RNASE4	FOS
GNG4	RNASE6	BCL11A
GNG5	RNASE7	USP42
GNG7	RNASE8	UBQLN3
GNG8	RNASE9	SOGA1
GNGT2	RNASEK	STARD8
GP5	RNASET2	LRRIQ1
GPANK1	RNF113A	CHAMP1
GPATCH11	RNF113B	ASXL2
GRK1	RNF17	EFCAB6
GRK4	RNH1	BLNK
GRK5	RP9	HOXB4
GRK6	RPF1	TTLL6
GRK7	RPF2	HOXB8
GSK3B	RPL13	NUTM2F
GTF2A2	RPL13A	JADE1
GTF2E1	RPL17	ZSCAN29
GTF3C4	RPL18	CDAN1

GTF3C5	RPL18A	NUTM2G
GTF3C6	RPL19	PLEKHG4
GTSF1	RPL21	PDLIM5
GTSF1L	RPL22	FAM222B
GZF1	RPL22L1	BUB1
GZMA	RPL24	ZNF746
GZMK	RPL27	USP17L3
GZMM	RPL27A	USP17L4
HACE1	RPL28	SHE
HBP1	RPL29	SSBP3
HGF	RPL35A	CREM
HGFAC	RPL36	EBF4
HIC1	RPL38	FAM90A9P
HINT1	RPL41	ZNF669
HINT2	RPL6	PARP15
HIPK2	RPL7	ZBTB47
HIRA	RPL7L1	GATA2
HIVEP2	RPLP1	CBX6
HP	RPLP2	ARHGAP27
HPN	RPP14	BASP1
HPR	RPP25	KIAA1211L
HUNK	RPP38	ZNF687
IFT122	RPS13	TECPR2
IFT80	RPS17	DMD
IGHA1	RPS17L	ZNF512
IGHA2	RPS19BP1	EPB41L3
IGHD	RPS21	HMGXB3
IGHE	RPS24	PROSER3
IGHM	RPS25	THSD1
IGKC	RPS26	KIAA1107
IGLC1	RPS27	RNF213

IGLC2	RPS27L	ZFP57
IGLC3	RPS28	ZMYM3
IGLC6	RPS3A	KIF15
IGLC7	RPS4X	SORBS1
IGSF10	RPS4Y1	CARD6
IKBKAP	RPS4Y2	C6orf132
IKBKB	RPS7	POC5
INVS	RPS8	FAM47B
IPPK	RQCD1	LAMB3
IRAK4	RRBP1	GPBP1L1
IRF3	RRNAD1	SLAIN1
IRF4	RRP15	HOXD8
IRF5	RRP36	HEATR5B
IRF6	RRP8	LRRC31
IRF7	RSL1D1	ZNF645
IRF8	RSL24D1	FAM135A
IRF9	RSRC1	GMCL1
ISG15	RTF1	NUTM2E
ISLR	RUVBL1	C3orf67
ISLR2	RUVBL2	TMEM201
JMJD1C	SAMD4A	FAM214B
JMJD4	SAMD4B	AKAP2
JMJD6	SAMHD1	PHF20
KALRN	SAP18	SAMD10
KANK1	SARNP	HECW2
KANK4	SCAF1	E2F8
KAT5	SCAF11	ANKLE2
KATNB1	SCAF4	RTN3
KDM3A	SCAF8	TRBV12-3
KDM3B	SECISBP2	PTGFRN
KDM4A	SETD1A	CTTNBP2NL

KDM4B	SETD1B	USP43
KDM4C	SETD7	NKX6-2
KDM4D	SF3A2	WAPAL
KDM4E	SHQ1	MTSS1L
KDM5A	SLC4A1AP	NYAP2
KDM5B	SMAD1	ZFAT
KDM5C	SMAD2	MYCN
KDM5D	SMAD3	ADNP2
KDM7A	SMAD4	IRF2BPL
KIAA0100	SMAD5	ABL1
KIAA1239	SMAD6	DNAH6
KIAA1875	SMAD7	MISP
KIDINS220	SMAD9	C2orf16
KLK1	SMG8	GAGE2A
KLK10	SMN2	SEC24C
KLK11	SND1	DENND1C
KLK12	SNIP1	SHROOM2
KLK13	SNRNP25	INPPL1
KLK14	SNRNP27	REXO1L1P
KLK15	SNRNP48	DAGLA
KLK3	SNUPN	TGIF2
KLK4	SNW1	HEMGN
KLK5	SPATS2L	ADGRA3
KLK6	SRBD1	ALX1
KLK7	SRFBP1	SMARCC2
KLK8	SRPK2	TTC21B
KLKB1	SRRM1	ZNF696
LALBA	SRRM2	FBXO42
LATS1	SRSF11	KIF27
LATS2	SUB1	FAM117B
LEO1	SUPT6H	KRTAP10-4

LGI3	SUZ12	MUC20
LGR4	TAF15	NIPBL
LGR5	TAF9	HEATR6
LGR6	TBRG4	ADNP
LINGO2	TDRD10	SH3RF2
LINGO3	TDRD15	LOXL1
LINGO4	TDRD6	PANK1
LLPH	TEFM	MICALL1
LONRF1	TEX13A	HOXC10
LPA	TFAM	REST
LRBA	THOC5	NR4A3
LRFN1	THOC6	ARID1B
LRFN2	TIPARP	PLEKHA5
LRFN3	TNPO1	CLCN1
LRFN5	TNPO2	EBF3
LRG1	TNRC6A	SH3RF1
LRIG1	TNRC6B	CTTN
LRIG2	TNRC6C	NKX1-2
LRRC15	TOP1	BAG4
LRRC17	TOP3B	PAPLN
LRRC24	TPR	PLEKHG5
LRRC26	TRDMT1	KRTAP10-9
LRRC32	TRIM25	PRRC2B
LRRC38	TRIM56	PSMD2
LRRC57	TRIM71	TBX2
LRRC69	TRMT44	KNOP1
LRRC70	TSEN54	DUX4L7
LRRK2	TSN	CDADC1
LRRN1	TSNAX	ZNF280D
LRRN3	TSR1	CREB5
LRRTM1	TSR2	GATA5

LRRTM2	TST	ARHGAP19
LRRTM3	TTF2	ZNF503
LRRTM4	TUT1	GATA3
LRTM1	TXNL4A	DMRT2
LRTM2	TXNL4B	DMRTC2
LSM8	TYW5	TAB2
LUM	U2AF1	SIM1
LYST	U2AF1L4	TTBK1
LYZ	UBA1	ERVK-8
LYZL1	UBTF	HERVK_113
LYZL2	UHMK1	ERVK-7
LYZL4	UNK	TRIP12
LYZL6	URM1	RAB26
MAK	USB1	TPX2
MAP2K1	USP10	MN1
MAP2K2	USP39	NFATC4
MAP2K3	VARSL	NFXL1
MAP2K4	WDR4	RAB11FIP1
MAP2K5	WIBG	INSM1
MAP2K6	XAB2	KLF8
MAP2K7	XPO6	BCL7A
MAP3K1	XPO7	ZSCAN18
MAP3K10	XRCC6	MTA2
MAP3K14	ZC3H10	EPG5
MAP3K15	ZC3H12A	ADAM33
MAP3K19	ZC3H12C	ZNF532
MAP3K2	ZC3H12D	CLOCK
MAP3K3	ZC3H13	ANO8
MAP3K4	ZC3H14	KIF26B
MAP3K5	ZC3H15	FOXJ3
MAP3K6	ZC3H4	PHF21B



MAP3K7	ZC3H7A	PRDM6
MAP4K1	ZC3H7B	SRCAP
MAP4K2	ZC3H8	CD8BP
MAP4K4	ZC3HAV1	KANSL1L
MAP4K5	ZC3HAV1L	ATF7
MAPK1	ZCCHC2	AKNA
MAPK11	ZCCHC24	HOXA1
MAPK12	ZCCHC3	FAM21A
MAPK13	ZCCHC5	PKD2
MAPK14	ZCCHC7	RGPD4
MAPK3	ZCCHC8	COL16A1
MAPK9	ZFC3H1	ZNF776
MAPKAPK3	ZMAT2	LBR
MAPKAPK5	ZMAT5	PVRL1
MARK2	ZNF598	KCNH2
MARK3	ZNF622	MTA1
MARK4	ZNFX1	FAM184B
MARVELD2	ZNHIT6	SIMC1
MASP1	ZRSR1	FRMD4A
MASP2	ZRSR2	SOS2
MAST2		MCUR1
MAST3		ZIC5
MAST4		DLX4
MASTL		PAGE4
MCM3AP		RSF1
MED20		MYH4
MED31		CEP250
MELK		SPATC1
METAP1		C1QTNF9B-AS1
METTL4		PPM1D
MFAP1		OVOL2

MIB1	FOXJ2
MIB2	ADAM22
MINK1	TIGIT
MKNK2	PLEKHA7
MKRN4P	FAM133B
MLST8	HHLA1
MMS19	IRX1
MOK	IRX3
MPHOSPH8	IRX6
MRI1	IRX4
MRPL57	SMTN
MSH2	TCF4
MSH3	COL25A1
MSH4	PHLDB1
MST1	GGN
MST1L	FANCA
MST4	GRN
MTF1	DAZAP2
MTG2	FAM205A
MTPN	UBN2
MYLK	PLSCR1
MYLK2	SOWAHB
MYLK3	FANCD2
MYLK4	C1orf127
MYNN	PRX
MYO16	DNMT3A
MYO3A	RUSC2
MYO3B	AMOT
NEDD1	STRCP1
NEDD8	IRX2
NEK10	GAGE7

NEK11	KRTAP10-3
NEK2	BEST4
NEK3	BEST2
NEK5	MLLT3
NEK6	EFCAB2
NEK7	TBCE
NEK8	CNGA3
NEK9	FOXC2
NFKBIA	FOXB2
NFKBIB	SPOCK2
NHEJ1	ZNF766
NIM1K	FAM168A
NLE1	NCAPD3
NLK	ZNF276
NOTCH1	AFAP1
NOTCH2	MAML3
NOTCH3	GAGE12B; GAGE12C; GAGE12D; GAGE12E
NRDE2	EGR1
NRK	NFE2L1
NRROS	KRTAP5-8
NSMAF	USP17L2
NTPCR	SPATA32
NUAK2	COL7A1
NUP133	RCSD1
NUP155	ARHGAP11A
NUP35	NIN
NWD1	SMAP2
NYX	CUX2
OBSCN	STPG1
OCEL1	ARID2
OCLN	PDLIM2

OLA1	CBX2
OMD	ARHGEF18
OMG	CRTC1
OVCH1	GOLGB1
OVCH2	FAM149A
OXS1	THBS1
PAAF1	TPRX1
PAF1	KLF11
PAFAH1B1	FAM90A27P
PAK1	CAST
PAK1IP1	CXorf67
PAK2	BARHL2
PAK3	C17orf82
PAK4	HIAT1
PAK7	MPHOSPH9
PAMR1	CENPF
PATZ1	CLINT1
PDPK1	MDC1
PDPK2	HECW1
PELP1	TTLL4
PEX7	USP34
PHIP	STAG2
PHKG1	ZNF512B
PHKG2	MAGED2
PHLPP1	FAM90A20P
PIM2	RBBP8NL
PIM3	PLEKHM2
PKMYT1	FAM114A1
PKN1	FBRS
PKN2	ZNF556
PKN3	KIF18A

PLA2G6	MEF2D
PLAT	SYNE2
PLAU	CDX1
PLEC	LRRC9
PLK1	TMEM259
PLK2	CCDC150
PLK3	ZNF578
PLK4	KRTAP5-3
PNCK	KRTAP5-4
POC1A	NCOA1
POC1B	SCARA3
POLQ	CCDC171
POLR1A	LRCH3
POLR1B	MAPT
POLR1C	SLC38A10
POLR1D	MUM1
POLR2C	XAGE2
POLR3A	DSPP
POLR3B	PCLO
POLR3C	ARAP3
POLR3D	ZNF20
POLR3E	GAGE6
POLR3F	ZNF18
POLR3H	MSL2
POT1	SP110
POTEA	XAGE3
POTEB	ANXA11
POTEB2	SOGA3
POTEC	ZNF608
POTED	FAM129B
POTEE	VGLL2

POTEF  
POTEG  
POTEH  
POTEI  
POTEJ  
POTEM  
PPP1R12B  
PPP1R12C  
PPP1R16A  
PRDM10  
PRDM15  
PRDM9  
PRIM2  
PRKAA1  
PRKAA2  
PRKACA  
PRKACB  
PRKACG  
PRKCA  
PRKCB  
PRKCD  
PRKCE  
PRKCG  
PRKCH  
PRKCI  
PRKCQ  
PRKCZ  
PRKD1  
PRKD2  
PRKD3  
PRKG1

RERE  
ZFP64  
PDPK2P  
IBTK  
CHD7  
NEXN-AS1  
SOX7  
UBQLN1  
SCEL  
FAM117A  
ZBTB41  
ANTXR1  
FOXI1  
PYGO2  
AMOTL1  
ZNF230  
ZNF587  
COL4A1  
COL3A1  
SOX8  
ZNF175  
KIAA1462  
MBD5  
KIAA1468  
SH3BP1  
RTN4  
JADE2  
POU2F3  
FAM169A  
KNG1  
SETBP1

PRKG2	TNIP1
PRKX	ZFHX2
PRKY	SETD5
PROC	ZHX2
PRORS1P	ZNF148
PRSS1	SH3BP2
PRSS12	MUC2
PRSS2	ERC1
PRSS22	MAP4
PRSS27	SOX17
PRSS29P	SP3
PRSS3	NKX2-1
PRSS33	HCN3
PRSS38	ECM29
PRSS3P2	TAF6L
PRSS42	ZBTB4
PRSS44	SPATA31D3
PRSS45	CC2D1A
PRSS46	COL8A1
PRSS47	PRG4
PRSS48	CD300LF
PRSS50	TEX2
PRSS55	KIFC3
PRSS56	AKNAD1
PRSS58	GPBP1
PRSS8	VCY; VCY1B
PSKH1	WASF1
PSKH2	DNAI1
PSMD10	SPTBN5
PWP1	RADIL
PXDN	C1orf177

PXDNL  
RAD18  
RAF1  
RAI14  
RBBP4  
RBBP7  
RBMV1C  
RECQL5  
RFWD2  
RIF1  
RIPK1  
RIPK3  
RIPK4  
RNF11  
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RNF122  
RNF126  
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RNF130  
RNF133  
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RNF149  
RNF150  
RNF165  
RNF181  
RNF215  
RNF222  
RNF24  
RNF32  
RNF38

ELMSAN1  
DMRTA2  
VAX2  
AHNAK  
PARD3  
COL17A1  
KCNH7  
PRR18  
TEX36  
RGAG1  
AGAP2  
C2orf81  
PROSER1  
MROH7  
SHISA8  
XRR1  
PPFIA4  
TAGAP  
SP2  
C19orf68  
HOXA2  
PDCD6IP  
DUX4L9  
CDKN1B  
FBXO38  
SSH1  
C9orf172  
PKP4  
LYN  
MED15  
VSX2



RNF4  
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ROCK1  
ROCK2  
RPA1  
RPAP1  
RPAP2  
RPAP3  
RPL37L  
RPL39P5  
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RPS6KA1  
RPS6KA2  
RPS6KA3  
RPS6KA4  
RPS6KA6  
RPS6KB1  
RPS6KB2  
RPS6KC1  
RPS6KL1  
RRP7B  
RTN4R  
RTN4RL1  
RXFP1  
RXFP2  
SAC3D1  
SALL1  
SALL2  
SALL3  
SBK1

C17orf53  
ATM  
DMP1  
DENND2C  
TOP2A  
PHF20L1  
SAMD14  
COL11A2  
LRRC10B  
CHD8  
PAGE2  
ROBO2  
FAM71A  
DMRTA1  
EGR2  
FHAD1  
RITA1  
NCOA7  
TEX10  
ARHGAP31  
BEGAIN  
SAMD7  
CBL  
FAM83H  
SLC2A4RG  
CCDC6  
DISP1  
FAM90A7P  
LCE1E  
SPRR3  
FOXG1

SCAP  
SCNM1  
SCRIB  
SEC13  
SETD2  
SGK1  
SGK2  
SGK3  
SGK494  
SHFM1  
SIK2  
SIK3  
SIRPA  
SIRPG  
SLITRK3  
SLITRK5  
SMU1  
SNAI1  
SNAI2  
SNAPC2  
SNAPC3  
SNAPC5  
SPACA3  
SPACA5  
SPAG1  
SPAG16  
SPEG  
ST14  
STK10  
STK11  
STK17A

FOXA1  
OGFR  
FOXA3  
NTN4  
CDX4  
XKR5  
SELV  
ZNF195  
ZDHHC8  
KSR1  
PHC3  
ZNF524  
KIAA0586  
UNG  
NR2C1  
TBC1D3B  
CLEC16A  
FBXO11  
LRRCC1  
ZNF837  
FAM83B  
MTDH  
DMRT3  
ARFGAP3  
SLAIN2  
USP36  
TCF7L2  
ZNF75D  
MLLT6  
ADAM29  
ADAM30

STK17B	RANBP9
STK24	ZNF461
STK25	TBKBP1
STK3	CUX1
STK32A	ARID1A
STK32B	IKZF3
STK32C	SPATA31D4
STK33	SPATA31E1
STK36	HOXB5
STK38	COLEC12
STK38L	COL22A1
STK4	PICALM
STRN	INPP5E
STRN3	UBQLN4
STRN4	MLLT1
SUN1	IKZF4
SYVN1	BAG3
TAF1A	TTC17
TAF1D	RREB1
TAF5	COL4A4
TAF5L	TMEM131
TANC1	DCST2
TAP1	DPF2
TBL1X	DPF3
TBL1XR1	GMIP
TBL1Y	STAM
TBL2	DPF1
TBP	PLEKHG3
TBPL1	PCIF1
TBPL2	CATSPER1
TDP2	MED25

TESK1	KLF15
TLE1	C2orf78
TLE2	HJURP
TLE3	UBR7
TLE4	NBPF3
TLE6	ELK1
TLK1	CCDC132
TLK2	VLDLR
TLR1	PRB2
TLR10	SRL
TLR2	SEC24D
TLR4	MAGED4; MAGED4B
TLR5	HOXB2
TLR6	HOXB3
TLR9	TSC22D4
TMEM173	COL9A3
TMF1	COL9A2
TMPRSS11A	LCP2
TMPRSS11B	THAP4
TMPRSS11D	ARID5A
TMPRSS11E	RPTN
TMPRSS11F	FRS3
TMPRSS12	VWCE
TMPRSS13	MBD6
TMPRSS2	MUC5AC
TMPRSS3	TSSC4
TMPRSS4	DMRTB1
TMPRSS5	COBLL1
TMPRSS6	MED1
TMPRSS7	RHOT2
TMPRSS9	AUTS2

TNKS	ZMYND8
TNKS2	HMGN3
TNNI3K	DUX4L2
TPBG	DUX4L4
TPSAB1	DUX4L3
TPSB2	GVINP1
TPSD1	GOLGA4
TPSG1	DUX4L6
TRAF7	UNCX
TRIM11	FAM90A14P
TRIM17	FAM90A13P
TRIM39	SP6
TRIM65	SCMH1
TRIO	FOXO6
TRIP4	TOP2B
TRPA1	ARHGAP26
TSKU	SMTNL1
TSSC1	ZBTB3
TSSK1B	SP4
TSSK2	BAIAP2
TSSK3	NKX1-1
TSSK4	DOCK3
TYW1B	EGR3
UACA	SPATA13
UBB	PPP1R13B
UBC	ABLIM1
UBD	SYCP2
UBL4A	SLC12A2
UBR5	ZNF513
ULK1	AMER3
ULK3	C9orf131

VASN	KRTAP16-1
VHL	E2F7
VHLL	SS18
WDFY1	LRCH2
WDFY2	UBE4B
WDFY3	ENAH
WDFY4	CTAGE6
WDHD1	HOXA9
WDR1	MIDN
WDR13	STOX2
WDR16	HOXA10
WDR17	RANBP3
WDR18	ARHGAP33
WDR25	MTMR8
WDR26	AVEN
WDR27	SYNRG
WDR31	ALG13
WDR37	PSD
WDR38	AMBN
WDR47	FOXD4L1
WDR48	FOXN2
WDR49	ARMCX5
WDR52	CIPC
WDR53	KIAA0408
WDR55	CDC42EP1
WDR59	TNK2
WDR6	MARCKS
WDR62	GRIN2D
WDR64	PIIP5K1
WDR65	DLX3
WDR7	KRTAP1-1

WDR72	TBCD
WDR75	ZNF800
WDR77	ZNF765
WDR81	COLQ
WDR82	CCDC71
WDR86	TLX1
WDR88	KRTAP10-1
WDR90	C10orf95
WDR91	ZNF417
WDSUB1	NKX2-3
WDTC1	HOXA4
WEE2	KRTAP13-4
WNK1	ITPKB
WNK2	ABL2
WNK3	EVX2
WNK4	MSX1
WSB2	GLIS1
YJEFN3	YY1AP1
YY1	KIAA0226L
YY2	NFIC
ZBP1	ZNF73
ZBTB14	REPS2
ZBTB16	PRB3
ZBTB8OS	SPOCD1
ZDHHC13	PRB4
ZDHHC17	IRS1
ZFP1	NPAT
ZFP14	ARID5B
ZFP2	SCN2B
ZFP30	SPICE1
ZFP82	BBC3

ZFP90	MEF2C
ZFP92	ANXA7
ZFY	C4orf17
ZIC2	ZNF827
ZKSCAN3	RAB44
ZKSCAN4	C15orf52
ZKSCAN7	ZNF474
ZKSCAN8	RPTOR
ZMAT1	HN1L
ZMAT4	SOX30
ZNF10	AAK1
ZNF121	PRR35
ZNF136	PPP1R26
ZNF140	MIA2
ZNF146	PPP2R5D
ZNF155	MYT1L
ZNF165	LSR
ZNF17	MAGED1
ZNF177	WWTR1
ZNF181	NPAS2
ZNF182	IQGAP1
ZNF236	RASL12
ZNF250	TTC37
ZNF254	GPRIN2
ZNF259	TGOLN2
ZNF264	DVL1P1
ZNF268	CACNA1G
ZNF271	SHROOM4
ZNF275	ASXL1
ZNF28	ZNF488
ZNF286A	TCRB



ZNF286B	AHCTF1
ZNF3	SEC24B
ZNF30	SEC24A
ZNF304	ZEB2
ZNF311	FGD3
ZNF32	ATP10A
ZNF333	FAM90A18P; FAM90A19P
ZNF33A	TSHZ3
ZNF35	RGPD8
ZNF354A	PRR14
ZNF354C	FAM171A2
ZNF366	FAM181B
ZNF383	KRTAP13-2
ZNF391	NEFH
ZNF397	ZNF804A
ZNF398	KRTAP10-7
ZNF410	GAB2
ZNF415	ERRFI1
ZNF419	SNAI3
ZNF423	SARG
ZNF425	SHB
ZNF426	ZCWPW1
ZNF430	COL19A1
ZNF439	FSCB
ZNF44	CABLES1
ZNF442	COL11A1
ZNF460	COL6A1
ZNF468	KRTAP24-1
ZNF479	CCSAP
ZNF485	TREML2
ZNF486	TRAFD1

ZNF492  
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ZNF501  
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ZNF662

ZNF202  
HOXC9  
HOXC13  
HOXA11  
MAP10  
NUP98  
TRIM66  
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FOXQ1  
VSX1  
C1orf106  
EPS15L1  
COL2A1  
FAM90A22P  
COL1A1  
SOX1  
ZDHHC5  
EEA1  
CDCA2  
GAGE2E  
SYN1  
FOXM1  
ZNF284  
MAP3K12  
GSX2  
ELF1  
ZNF785  
KLF3

ZNF664	KRTAP12-4
ZNF665	ZNF703
ZNF670	NPAS3
ZNF671	C19orf57
ZNF674	ZAR1L
ZNF675	ARMC3
ZNF676	CAMSAP1
ZNF680	HOXD10
ZNF682	ZNF185
ZNF691	MAX
ZNF697	HOXD9
ZNF701	SMARCC1
ZNF708	GAREM
ZNF709	PLAG1
ZNF714	STAG1
ZNF728	DAXX
ZNF730	GLCCI1
ZNF737	LMTK3
ZNF749	CTNNA1
ZNF761	HRNR
ZNF771	SNED1
ZNF772	ARHGEF40
ZNF780A	HIST1H1D
ZNF792	COL28A1
ZNF805	DCLRE1C
ZNF814	NEO1
ZNF835	MAP6
ZNF836	PPP4R4
ZNF840P	SEC16B
ZNF846	PARP10
ZNF85	ATN1

ZNF850	ASAP2
ZNF860	FGD1
ZNF879	ZNF395
ZNF883	FOXB1
ZNF888	BAG6
ZNF90	CEP152
ZNF91	SRRM5
ZNF99	ZNF445
ZNRF3	ZNF302
ZNRF4	ARHGEF15
ZSCAN20	MAP7D3
ZSCAN30	OSR1
ZSCAN32	TLX3
ZSCAN5B	MUC7
ZXDB	CHAT
ZXDC	TMC3
	PEG3
	KLF2
	ISM2
	OLFML2B
	WTIP
	GTF2IRD1
	KIAA0825
	DMRT1
	INO80D
	PIP5K1A
	RFX5
	BORA
	ADAM23
	MDFI
	TMCC1

			PSRC1
			ZNF334
			NPIPB5
			SYTL2
			TBC1D3G
			NCKAP5L
			TWIST1
			FOXL2
			COL27A1
			DACT3
			MEOX2
			MEOX1
			ATP8B2
			FAM189A1
			TBCEL
			LRRC16B
			ERCC6L2
			CREB1
			RFX1
			PHC2
			PLEKHN1
			KIAA1549L
			ATG9A
			RNF25
			CGNL1
			FOXI3
			RPL37AP8
			CEL
			QRICH2
			CEBPA
			NUMA1

		AHDC1
		CTCF
		COL6A2
		C1QTNF9
		TICAM1
		FOXF1
		TRIOBP
		HOXD3
		HRES1
		NKX2-5
		GBX2
		LBX1
		HSFX1; HSFX2
		SCARF2
		ADGRF5
		EMILIN2
		KLF12
		ACRC
		USP54
		ZBTB46
		PNRC1
		KIAA1211
		POU2F1
		PROSER2
		CEP170
		WIPF3
		ZNF101
		ZNF414
		GPRASP1
		ARHGAP32
		ROBO1

			PRR22
			FOXO4
			FEZF1
			TET3
			ARHGAP44
			HOXC6
			KSR2
			SPECC1
			PLCL1
			KRTAP5-5
			COL6A5
			GSG2
			WIPF2
			CAND1
			FAM90A5P
			SPATA31A5
			TCF3
			COL1A2
			HOXA6
			FBF1
			ASB16-AS1
			NR1D1
			HP1BP3
			SDE2
			LINC00271
			SUPT20HL2
			FAM90A15P
			C1QTNF3
			FAM133A
			CAPN15
			FOXS1

		VGLL4
		KLF14
		MAGEE2
		NECAP2
		MAGI1
		CDCA3
		NID1
		SPTBN1
		OFD1
		IRX5
		KRTAP5-2
		CBLL1
		FAM110D
		FAM47E
		CLIC6
		VAX1
		ARHGAP29
		CCDC158
		ATP8B1
		SP8
		FOXO3
		DNAJC6
		FAM189B
		TIMELESS
		CBLB
		FRS2
		FAM53B
		SASH1
		C10orf12
		C4orf47
		KIAA2022



			TPRXL
			EN2
			LRRC8E
			SLC4A2
			LDB3
			ADAM9
			OTUD5
			ADAM15
			MYBL1
			VGLL3
			NCOA2
			MYBL2
			ID1
			ETV4
			PHF23
			FRMD4B
			SLC4A3
			FAM90A16P; FAM90A17P
			FAM83G
			C17orf100
			NAA25
			CD7
			KANSL1
			SSBP2
			PHACTR3
			C6orf15
			ITPKC
			AMER2
			MLLT10
			FAN1
			RSPH6A

		KRTAP19-1
		RLTPR
		PRR36
		ZNF514
		LTBP3
		PNMAL2
		STON2
		SCUBE2
		ZNF219
		ZNF502
		EPB41L1
		PPP1R7
		MICALL2
		RIMBP2
		KIF7
		FOXK1
		FAM166A
		C17orf59
		RAB11FIP2
		ZBTB18
		DCLRE1A
		POU2AF1
		MCTP1
		SIN3A
		TPRN
		C17orf96
		HUWE1
		POLD3
		SRF
		PODXL
		SMCP

		DLGAP2
		LPP
		TACC3
		PPP1R18
		LRP3
		FAM47A
		GATA6
		CCDC8
		USP53
		GPR152
		ZNF384
		SIRPD
		ARMCX2
		PDZD4
		C16orf71
		ZNF644
		C7orf57
		RAD54L
		ADAMTS7
		PVRL2
		KLF16
		GATB
		APBB2
		ZYX
		TNS3
		COL4A2
		TNFAIP3
		CKAP2L
		CD14
		ELF4
		CHTF8

			SPAG8
			LGI2
			PROL1
			ZFPM2
			ZNF786
			IQSEC2
			WIPF1
			RABL6
			EFS
			RIN2
			LIMA1
			CITED4
			LRRC30
			NKX6-3
			DUX4L5
			TGIF1
			SSH2
			SENP3
			H1FOO
			SLC9A1
			CRAMP1L
			GAGE2B; GAGE2C
			COL5A2
			TNK1
			GPRIN1
			DTX1
			SHANK2
			SPATA31A1
			HTT
			COBL
			FAM53A

			TBC1D12
			TREM2
			LRGUK
			PHLDB2
			MTUS2
			EVX1
			ELF2
			RAI2
			LRRD1
			FAM90A24P
			TBC1D3H
			IKZF5
			BTAF1
			ODF3L1
			ODF3
			MLK4
			SSFA2
			ZNF567
			TMIGD2
			ALX3
			ZKSCAN5
			KLHDC7B
			TEX11
			DNMBP
			SKIDA1
			TNS2
			RACGAP1
			ESYT3
			LIAT1
			MAVS
			TUB

			INSM2
			PMFBP1
			SPTBN2
			BAI1
			POM121L1P
			NRG2
			SOCS7
			COIL
			PDS5A
			FAM21D
			ZNF438
			ANLN
			TMEM181
			ZMIZ2
			TAB3
			DMTN
			HOXA5
			SAMSN1
			MMTAG2
			EPC1
			CD300LD
			NLGN2
			SPRR2A
			PLEKHG2
			VCL
			CCNA1
			FAM90A23P
			CHRD
			KRTAP9-1
			GAREML
			NRL

		ZBTB22
		TLN1
		PARG
		SREBF2
		MARCKSL1
		SNAP91
		PDS5B
		SRGAP1
		TCEAL2
		RFX4
		CCDC178
		FRMD6-AS1
		NFATC3
		PRUNE2
		PER1
		ZNF469
		SUPT20HL1
		RAD54L2
		CECR2
		RAB11FIP5
		FLII
		SP100
		LOR
		CCDC40
		ESCO1
		HOXB1
		HOXD12
		STOX1
		ENAM
		STPG2
		FAM90A1

		HLX
		ABI2
		ERVK-9
		PTPN12
		KLF17
		EP400NL
		KLF4
		NHSL1
		CACNB3
		PHF1
		ADAM12
		ARHGAP6
		ZNF704
		ZMYM2
		ESX1
		BCL9L
		INPP5J
		SREBF1
		KIAA1671
		DUSP16
		SGK223
		FAM193B
		LINC01465
		FAM168B
		KRTAP5-11
		KRTAP5-10
		CCDC85A
		DVL1
		DVL2
		GRIN2C
		FAM110A



		RP1L1
		FEZF2
		MAMSTR
		PLEKHH1
		KRTAP1-5
		SPRR2D
		CCNY
		COL13A1
		FAM90A10P
		DLGAP5
		BMP2KL
		SP7
		DTX2
		AEBP2
		NO66
		C15orf39
		SOX4
		ZFYVE16
		PRDM8
		SMARCD1
		ERVK-11
		ZNF784
		SYNE1
		BARX2
		FAM196A
		ATP8B3
		C1orf174
		DACT2
		TROAP
		CXorf49; CXorf49B
		SPTAN1

		KLF13
		ZAR1
		CSF1
		MED12
		AHR
		FGD6
		RPRD2
		ADAMTSL4
		FAM217B
		FAM171A1
		RUSC1
		MAGEL2
		GPRASP2
		IGHV3-23
		TBC1D14
		GATA1
		OTX1
		TCP11L2
		EN1
		C2CD4C
		PAGE1
		TCEAL3
		PAGE3
		PTGS2
		PCDH11X
		CTAGE4
		EVPL
		CDX2
		MB21D1
		DAB2
		BHLHB9

		NFE2L3
		SH3D19
		LRRC56
		RIN3
		C1orf167
		ST5
		TULP4
		GATA4
		MAPK8IP2
		MIS18BP1
		LRRC63
		ABLIM3
		LTBP1
		YAP1
		EGR4
		MYOCD
		MTMR4
		UTRN
		OTUD7B
		PCED1B
		ERF
		PRC1
		DPY19L2
		VCX2
		DBX1
		SCARF1
		SAGE2P
		BICD1
		COL6A6
		MAGI3
		MAMLD1

		ATG13
		PTPN23
		EPC2
		ZNF750
		SH3RF3
		PEF1
		NFRKB
		WIZ
		ZMYM6
		PPP5K2
		MTSS1
		ATMIN
		ETV3
		ETV5
		MEF2A
		FAM110C
		MAPK1IP1L
		HIF3A
		SLCO4A1
		PRICKLE2
		PHF21A
		YLPM1
		PRR12
		NUMB
		POM121L2
		C9orf47
		LZTS2
		MXRA8
		C17orf74
		MAGI2
		INO80

		SCRT2
		FAM63B
		MUM1L1
		RFX7
		C8orf34
		NTN3
		COL5A1
		HIST1H1C
		BMP2K
		SAMD1
		DMKN
		PDLIM7
		FLG2
		ADGRL2
		CCSER1
		CYS1
		PRR19
		CBX4
		MEN1
		COL14A1
		CCBE1
		IGKV1D-16
		FAM90A2P
		ZNF281
		CXXC4
		PTPN4
		PERM1
		PHACTR4
		ZNF34
		C12orf74
		TBR1

		TAL1
		HHIPL1
		KANSL3
		COL10A1
		GIGYF2
		ASAP3
		MYB
		NKX2-4
		CFP
		SNRPGP15
		ZNF367
		DLGAP3
		RIMS2
		PXN
		PRR33
		KTN1
		ARFGAP2
		DFNB31
		FAM90A12P
		HOXB13
		PRAM1
		C16orf86
		PDLIM3
		KLF7
		GAGE3
		NR2C2
		GAGE1
		CCDC9
		GAGE5
		GAGE4
		HOXD4

		HOXC4
		NUTM2A
		COL21A1
		KIAA0226
		ARAP1
		ERVK-18
		ATXN7L1
		GLIS3
		GALR3
		SP9
		CTAGE8
		GPR156
		MDFIC
		ADGRL1
		SOX3
		NFAT5
		LRRC36
		RFX2
		ST18
		SPINT1
		INF2
		SNX18
		GSX1
		AATK
		TRAPPC12
		ZNF207
		VEZF1
		TNFRSF1B
		RSBN1L
		IRF2BP1
		GNAS

			TCF7L1
			EPB41L4A
			C19orf44
			ERBB2IP
			MAML2
			CEP68
			EPN3
			GAB1
			ZNF296
			ARHGEF19
			CAND2
			TSC22D2
			ZNF597
			ABI1
			CNGB1
			TBC1D3
			PROCA1
			TSC22D1
			CSNK1G2-AS1
			COL9A1
			ARHGEF9
			ZSCAN12
			EYA3
			C11orf53
			GAS2L1
			ZNF804B
			CYFIP2
			COL5A3
			GATAD2A
			NISCH
			AJUBA



			KRTAP9-2
			RSU1
			CRTC3
			KRTAP4-12
			AGFG2
			TOPORS
			KIAA2026
			ZNF575
			C3orf30
			APBB1IP