

All of the unambiguous genes with differential methylation of overlap between B (pericarcinous tissues) vs. C (pancreatic cancer tissue) and A (blood) vs. B (pericarcinous tissues)

C vs. B		A vs. B		Overlap of C vs. B and A vs. B	
Total genes	Freq	Total genes	Freq	Total genes	Freq
PTPRN2	73	TNXB	248	PTPRN2	40
MAD1L1	42	PTPRN2	234	MAD1L1	27
ADARB2	31	PRDM16	202	TNXB	18
TNXB	31	MAD1L1	181	PRDM16	17
PRDM16	28	ADARB2	115	GNAS	17
TBCD	28	KCNQ1	108	KCNQ1	17
DIP2C	28	HDAC4	107	TSNARE1	16
ATP11A	25	COL11A2	107	HDAC4	16
GALNT9	24	GALNT9	101	TBCD	15
GNAS	23	NOTCH4	97	DIP2C	15
HDAC4	22	CAMTA1	92	PRKCZ	14
MCF2L	21	CBFA2T3	90	INPP5A	14
INPP5A	21	DIP2C	87	CBFA2T3	14
SORCS2	21	RPTOR	86	ATP11A	13
KCNQ1	21	HCCA2	83	BANP	13
MYT1L	20	RASA3	82	C7orf50	12
DLGAP2	20	HRNBP3	80	MCF2L	12
RASA3	19	INPP5A	78	RPTOR	12

TSNARE1	18	DLGAP2	78	SDK1	12
PRKCZ	18	TBCD	75	ADARB2	11
ANKRD11	18	RPS6KA2	73	PRKAR1B	11
CBFA2T3	18	COL23A1	72	CUX2	11
CACNA1H	18	C7orf50	70	HCCA2	11
SIM2	18	HOXA3	69	MYT1L	11
RPTOR	17	BAIAP2	68	SLC12A7	11
BANP	16	NCOR2	68	SNORD115-15	11
SDK1	16	MCF2L	67	SNORD115-21	11
ABR	15	SDK1	64	RASA3	11

AGAP1

15

MEGF6

59

LMF1

10

TERT	15	PRKCZ	58	BAIAP2	10
MEGF6	15	MYT1L	58	SMOC2	10
DNAH17	14	SORCS2	57	ANKRD11	10
PMEPA1	14	ARHGEF10	57	FBRSL1	10
PCDHA2	14	PRKAR1B	56	CASZ1	10
PCDHA1	14	ABR	55	GAK	10
PRKAR1B	14	C21orf29	54	AGAP1	10
SMOC2	14	CUX1	54	INTS1	9
PCDHGA1	14	MORN1	53	ZNF100	9
C7orf50	13	TSNARE1	52	ZFPM1	9
LMF1	13	ANKRD11	52	FASN	9
PCDHA3	13	BANP	51	TNFRSF25	9
PCDHA4	13	STK32C	51	DLGAP2	9
PCDHGA2	13	ATP11A	51	NOTCH4	9
PCDHGB1	13	SLC12A7	50	ZC3H3	9
PCDHGA3	13	BLCAP	50	AHRR	9
CASZ1	13	B3GNTL1	49	LRP5	9
HCCA2	13	CDH23	49	NCRNA00171	9
NOTCH4	13	ADAMTS2	49	PMEPA1	8
SLC12A7	13	CACNA1C	49	MCPH1	8
SNORD115-15	13	SEPT9	48	CACNA1H	8
SNORD115-21	13	EBF3	48	RPS6KA2	8
BAIAP2	12	CDH4	47	NBEA	8
JPH3	12	C6orf10	47	SHANK2	8
PCDHA6	12	CASZ1	46	FAM20C	8

PCDHA7	12	TRIO	46	B3GNTL1	8
PCDHA5	12	CACNA1H	45	TAPBP	8
TAPBP	12	KNDC1	45	NXN	8
TRIM15	12	TAPBP	45	RPH3AL	8
PCDHGA4	12	AHRR	45	COL23A1	7
SLC9A3	12	INS-IGF2	45	DNAH17	7
CUX2	12	NTM	45	MEST	7
HLA-DPB2	12	RNF220	44	MESTIT1	7
MYOM2	12	CUX2	44	KCNMA1	7
BAT2	12	SLC9A3	44	SKI	7
JAKMIP3	12	LPCAT1	43	UGT1A9	7
GAK	12	GPR123	43	UGT1A10	7
NCRNA00171	12	DNAH17	43	UGT1A8	7
B3GNTL1	12	AGAP1	43	SNX29	7
COL23A1	11	DDR1	43	COL11A2	7
UNKL	11	RPH3AL	43	SLC9A3	7
PCDHA8	11	NCRNA00171	43	TSSC1	7
PCDHGB3	11	SHANK2	43	TRIM26	7
PCDHGA6	11	COL5A1	43	CUX1	7
PCDHGA5	11	GABBR1	42	BRSK2	7
PCDHGB4	11	TBC1D16	41	SRCIN1	7
PCDHGB2	11	NFATC1	41	LPCAT1	7
PCDHGA7	11	LMF1	41	FOXN3	7
NTM	11	JPH3	40	ARHGEF10	7
FBRSL1	11	PCDHGA1	40	CCDC88B	6

ZFPM1	11	ODZ4	40	CROCC	6
FASN	11	ANK1	40	UNKL	6
HRNBP3	11	TRAPPC9	39	ZFP64	6
CAMTA1	11	PRKAG2	39	LOC641367	6
ZC3H3	11	KIAA1026	39	ODZ4	6
AGRN	11	PCDHGA3	39	IQCE	6
STK32C	11	PCDHGA2	39	TERT	6
NFATC1	11	BRSK2	39	GPC1	6
TUBGCP2	11	LRP5	39	PLEKHG5	6
SHANK2	11	RUNX3	38	AGRN	6
FAM20C	11	TSPAN32	38	LRRC27	6
AHRR	11	RIMBP2	38	BAT2	6
LRP5	11	LOC404266	38	SLC22A18	6
ARHGEF10	11	FBRSL1	38	KIF26B	6
RPH3AL	11	MGAT5B	38	SLC44A4	6
HLA-DOA	11	PRRT1	38	DNAJB6	6
RIMBP2	10	KIF26B	38	NFATC1	6
MEST	10	PCDHGB1	38	MAML2	6
MESTIT1	10	COL18A1	38	LHPP	6
INTS1	10	GAK	38	WWC2	6
GPR133	10	KLHL29	37	KCNAB2	6
ODZ4	10	RADIL	37	CCDC57	6
PCDHGA9	10	COL4A2	37	FRAS1	6
PCDHGB6	10	TRIM26	37	UGT1A6	6
PCDHGA8	10	FOXK1	37	UGT1A7	6

PCDHGA10	10	GNAS	37	TP73	6
PCDHGB5	10	JARID2	37	MEGF6	6
TNFRSF25	10	NAV2	37	OSBPL5	6
CUX1	10	HOXB3	37	TBC1D16	6
EBF3	10	PCDHGA4	36	ASPSCR1	6
KNDC1	10	FLT4	36	TNRC18	6
ISL2	10	SH3RF3	35	CAMTA1	6
BRSK2	10	C11orf21	35	HPCAL1	6
OSBPL5	10	PLCH2	35	MYO1C	6
ASPSCR1	10	GRM4	35	CUGBP2	6
NXN	10	RERE	35	FIGNL2	6
RAI1	10	FAM19A5	35	STK24	6
GALNS	9	PSORS1C1	35	KDM4B	6
MCPH1	9	PLEC1	35	RGS12	6
KIAA1688	9	TP73	35	RB1	5
DENND3	9	ADAP1	35	SDHA	5
COL11A2	9	IQCE	35	NR2E1	5
CDH23	9	KIRREL3	35	DENND3	5
TRIM26	9	OPCML	35	LOC100294362	5
PCDHA9	9	MSI2	35	RPS6KA1	5
PCDHA10	9	GAS7	34	ABLIM2	5
ZNF100	9	KCNMA1	34	VGLL4	5
RPS6KA2	9	EIF2C2	34	GPSM3	5
GABRA5	9	CACNA2D4	34	ESRRG	5
CDH4	9	KDM4B	34	GPR123	5

GPR123	9	NNAT	34	DOCK1	5
PARD3	9	PCDHGB3	34	KIF26A	5
GPC1	9	PCDHGA5	34	BEND7	5
KCNAB2	9	PCDHGB2	34	TMC8	5
SLC22A18	9	SYNGAP1	34	GIMAP7	5
LOC440839	9	ZFPM1	33	STARD3	5
PAX6	9	CREB5	33	CYP26C1	5
SLC44A4	9	PCDHGA6	33	RNF220	5
TMEM132D	9	SKI	33	XPNPEP3	5
KDM4B	9	PACS2	33	ST13	5
SMYD3	9	GNG7	33	C13orf31	5
KLHL29	8	SLC22A18	33	C3orf26	5
IFFO1	8	SLC44A4	32	PRKAG2	5
SND1	8	SMOC2	32	HCG18	5
NR2E1	8	RGS12	32	ABLIM1	5
BNC1	8	PHACTR1	32	JPH3	5
GPX6	8	TERT	32	C1orf159	5
LOC100294362	8	PCDHGB4	32	MTA1	5
KCNMA1	8	PCDHGA7	32	MIR548F5	5
ABLIM2	8	CTBP2	32	PCGF3	5
BAHCC1	8	AFF3	32	GALNS	5
OBSCN	8	TCERG1L	32	MYO10	5
SKI	8	RAD51L1	32	C14orf143	5
NBEA	8	RAP1GAP2	32	DOT1L	5
TMCO7	8	MECOM	31	MDGA2	5

EIF2C2	8	DAB1	31	RGMA	5
PCDHGB7	8	CHD5	31	BHLHE40	5
SNX29	8	OBSCN	31	SHC2	5
IQCE	8	DENND3	31	GATA2	5
KIF26A	8	WDFY4	31	SIM2	5
ZBTB22	8	NFIX	31	BNC1	5
HPCAL1	8	SLIT3	31	HPSE2	5
MTA1	8	TG	31	EGFL8	5
PCGF3	8	IFT140	31	JAZF1	5
MYO10	8	GPR133	31	PROCA1	5
PLEKHG5	8	SORBS2	31	ISL2	5
TSSC1	8	MIR548F5	31	IFT140	5
BRCA1	8	TRIM10	31	LOC440839	5
CUGBP2	8	ZFH3	31	RDBP	5
SYNPO	8	MACROD1	31	ZBTB22	5
STK24	8	ZBTB12	30	COL4A1	5
CACNA1C	8	IQSEC1	30	PARD3	5
HOXA11AS	8	PBX1	30	FLT4	5
HOXA11	8	KCNAB2	30	TUBGCP2	5
C21orf29	8	ANO1	30	RORA	5
GRIN2A	8	PDE4D	30	NKAIN3	5
KCNQ2	8	C6orf25	30	KLHL14	5
CYFIP1	8	BCOR	30	SYT7	5
LPCAT1	8	BRD2	30	ARHGEF16	5
FOXN3	8	PRKCA	30	KIAA1217	5

TNRC18	8	PCDHGA9	30	PLEC1	5
SYT7	8	PCDHGB6	30	NCOR2	5
RGS12	8	PCDHGA8	30	COL4A2	5
TPO	8	PCDHGB5	30	CDYL	5
CCDC88B	7	NBEA	30	UGT1A4	5
C6orf10	7	UGT1A8	30	UGT1A5	5
CLYBL	7	FRMD4A	30	LOC285830	5
CROCC	7	C3orf21	30	SORBS2	5
RB1	7	VAR5	30	RERE	5
SDHA	7	NRXN2	30	RAI1	5
HERC2	7	NXN	30	TBX2	5
VPS52	7	FARP1	29	PEX14	5
CHD5	7	KCNT1	29	ITGB4	5
RNF220	7	ZNF423	29	TRIO	5
ZIM2	7	BTNL2	29	ZFYVE28	5
FRMD4A	7	ATP2B2	29	GLI2	5
ZFP64	7	PDE6B	29	PTPRS	5
SCNN1A	7	PCDHGB7	29	KLHL29	4
ACOT7	7	PCDHGA10	29	RAB40C	4
UGT1A9	7	SH3BP4	29	HERC2	4
UGT1A10	7	BAI1	29	CCHCR1	4
UGT1A8	7	IGF1R	29	C4orf49	4
PCDHGA11	7	ZDHHC14	28	GPX6	4
SLC29A4	7	FOXP1	28	ARAP1	4
TMC8	7	MED12L	28	SCYL2	4

ADPRHL1	7	DST	28	ST5	4
TSPAN4	7	OSBPL5	28	KIAA1688	4
SNRPN	7	BAHCC1	28	RP1L1	4
SBF1	7	PCDHGA11	28	SRP9	4
RDBP	7	UGT1A10	28	TAF4	4
C1orf159	7	AGAP2	28	LOC400927	4
LRRC27	7	BAT2	28	CDH23	4
TBC1D16	7	IGF2	28	AGPAT3	4
NBR2	7	SRCIN1	28	BAHCC1	4
NEBL	7	RGMA	28	DOCK6	4
KIF26B	7	CALD1	28	ZNF611	4
HPSE2	7	LSP1	28	PARD3B	4
SHH	7	GPC6	27	MIR548N	4
DNAJB6	7	TSSC1	27	CRIM1	4
COL4A2	7	PFKFB3	27	PTBP2	4
FOXG1	7	SLC6A3	27	ABR	4
SRCIN1	7	PLEKHG5	27	DOCK5	4
CCDC57	7	TRIM27	27	PCDHGA2	4
LAMP1	7	VGLL4	27	PCDHGA4	4
FRAS1	7	AATK	27	PCDHGA1	4
TP73	7	MOG	27	PCDHGB1	4
MICB	7	SPEG	27	PCDHGA3	4
TCERG1L	7	BCL11A	27	CDH4	4
ITGB4	7	TRIM39	27	ATP6V1C2	4
MYO1C	7	HLA-DPB1	27	ITPR2	4

NCOR2	7	STK19	27	SH3PXD2A	4
ZFYVE28	7	TRIM15	27	KIAA0664	4
ZFR2	7	PXDN	27	ADPRHL1	4
MUC5B	7	UGT1A9	27	ACSF3	4
BCYRN1	7	TMEM132D	27	KCNK16	4
CACNA1G	7	AUTS2	27	NTN1	4
TCF3	7	SPTBN1	27	KIF1A	4
PVT1	7	RORA	27	WDR60	4
RAB40C	6	APBB2	27	KCNH2	4
FBLN2	6	AP2A2	27	CCDC122	4
CSMD1	6	GLI2	27	PKN1	4
VGLL4	6	ZBTB22	27	FILIP1L	4
GPSM3	6	ASAP2	26	EXT1	4
LOC641367	6	LOC440839	26	GNASAS	4
SSU72	6	STK24	26	MAPK8IP3	4
FAM38A	6	ST5	26	SCRIB	4
TTBK1	6	DLC1	26	PCSK6	4
MAGI1	6	TBX15	26	ZHX2	4
DOCK1	6	FAM38A	26	TRIM15	4
BEND7	6	HOXA5	26	PACS2	4
GIMAP7	6	GNA12	26	AMBRA1	4
LRP1	6	TRPM5	26	MLLT1	4
SH3PXD2A	6	ESR1	26	FOKK2	4
CYP26C1	6	PVT1	26	NFIX	4
RFX2	6	ZC3H3	26	NEBL	4

KIAA1751	6	KIAA0513	26	NEURL1B	4
HCG18	6	SLC38A10	26	CNTNAP2	4
ABLIM1	6	GALNT2	26	EBF3	4
EXT1	6	SLC22A18AS	26	CLIC6	4
GNASAS	6	MGRN1	25	MICALL2	4
BHLHE40	6	CSGALNACT1	25	CALD1	4
PACS2	6	SLC8A1	25	TMCO3	4
MIR548F5	6	MGMT	25	SH3BP4	4
CSNK1G2	6	KCNIP1	25	KLF7	4
C14orf143	6	ATF6B	25	ADAP1	4
DOT1L	6	GATA2	25	RGPD2	4
MPRIP	6	PARD3	25	ZNF816A	4
TCIRG1	6	INPP5D	25	SH3D20	4
IQSEC1	6	TMC6	25	PI4KA	4
SHC2	6	GLIS1	25	PBX1	4
TMCO3	6	HECW1	25	RAB7A	4
CNPY1	6	MUC5B	25	TRAPPC9	4
ADAP1	6	DGKZ	25	GNB1	4
PAX8	6	TIMP2	25	ACVR2B	4
ADAMTS2	6	UGT1A7	25	TOLLIP	4
SECTM1	6	FOXP3	25	PIP5K1C	4
EGFL8	6	GLI3	25	BCAS3	4
JAZF1	6	CCDC88C	25	KNDC1	4
MAML2	6	WDR46	25	HLA-DPB2	4
TOLLIP	6	MAML3	25	MAG	4

LHPP	6	SLC45A4	25	SYNGAP1	4
WWC2	6	GOLGA3	25	PKP4	4
TRIM50	6	PARVG	25	WDR20	4
C5orf36	6	MCC	25	CALR	4
IFT140	6	MIR548H4	25	PAX8	4
AJAP1	6	ZMIZ1	25	IL4I1	4
UGT1A6	6	COL4A1	24	KCNQ2	4
UGT1A7	6	HOXC4	24	TMCO7	4
PIWIL3	6	CARD14	24	BAI1	4
BAI1	6	PMEPA1	24	BCAR1	4
TMEM132C	6	EHMT2	24	DGKQ	4
PC	6	MSRA	24	CYFIP1	4
FANK1	6	ACSF3	24	PPP1R9A	4
APBB1IP	6	PTPRE	24	PC	4
FLT4	6	CMIP	24	HRNBP3	4
RORA	6	SHROOM3	24	DDAH2	4
GPR39	6	SLC43A2	24	NF1	4
AURKC	6	SDK2	24	CACNB2	4
SLC22A18AS	6	COLEC11	24	CSNK1D	4
MEF2D	6	UGT1A6	24	RREB1	4
KIAA1217	6	MAML2	24	SCHIP1	4
FIGNL2	6	ABLIM1	24	APBB1IP	4
EPS8L1	6	ARHGAP22	24	SRGAP1	4
FAM19A5	6	ACCN1	24	C5orf36	4
PCDHA11	6	PTPRS	24	IFT88	4

NPHP4	6	FRAS1	24	ZBTB12	4
LOC285830	6	BCAS3	24	NCK2	4
RERE	6	KIAA0182	23	SYNPO	4
DPP6	6	ADCY9	23	THSD4	4
COL22A1	6	SEMA5B	23	SORCS2	4
PEX14	6	TRIM40	23	MUC6	4
MMP17	6	SH3PXD2A	23	ZFAND3	4
MGMT	6	PCGF3	23	DNA2	4
AP2A2	6	SNX29	23	ATAD3B	4
CADPS2	6	PIK3CD	23	C21orf29	4
PTPRS	6	MICB	23	MYOM2	4
DGKZ	5	ZFR2	23	TLL10	4
CCHCR1	5	MBP	23	MAML3	4
CLEC16A	5	RREB1	23	PIP4K2A	4
ATF6B	5	TMC8	23	LOC100132215	4
RP1L1	5	ROR1	23	SLC22A18AS	4
RPS6KA1	5	CTNNA2	23	JAKMIP3	4
PEG3	5	C20orf166	23	PARK2	4
MUPCDH	5	C3orf26	23	MICB	4
AGPAT3	5	C18orf1	23	BCYRN1	4
FBXO31	5	DNMT3A	23	CRYL1	4
ICMT	5	C10orf11	23	KRAS	4
GRK5	5	ITGB2	23	PPP3CB	4
TSPY4	5	NFASC	23	FAM19A5	4
ESRRG	5	FLJ22536	23	FOXG1	4

SP9	5	SLC16A3	23	FLJ22536	4
HECW1	5	LOC399959	23	ADK	4
CTNNA2	5	CDYL	23	TMEM132D	4
TSEN54	5	SYNJ2	23	VIPR2	4
PPP1R2P1	5	PPT2	23	OBSCN	4
PKNOX2	5	BCYRN1	23	CACNA1G	4
KIAA1530	5	COL13A1	23	NRXN3	4
MORN1	5	LRRFIP1	23	NPHP4	4
PCDHGA12	5	CUGBP2	23	TCF3	4
DGKB	5	CTBP1	22	UGT1A3	4
BCAR1	5	CARD11	22	SH3BP2	4
FAM66D	5	DDAH2	22	PAPLN	4
MCC	5	POU6F2	22	PDE4D	4
ATP6V1C2	5	FBXL18	22	DGKB	4
WDR46	5	ERICH1	22	FAM47A	4
OPCML	5	JAKMIP3	22	HSPA1L	4
MSLN	5	FLJ42709	22	STK3	4
BRF1	5	FNDC3B	22	CARS2	4
KDM2B	5	TTLL8	22	HDAC3	4
MAGI2	5	NCK2	22	CLYBL	4
STARD3	5	ZCCHC14	22	RPS9	4
VPS53	5	TBC1D14	22	APBB2	4
CDH13	5	F10	22	PVT1	4
CACNA2D3	5	DOCK2	22	SCNN1A	4
RAB7A	5	HLA-DPB2	22	MARCH6	4

KIAA0664	5	ARHGAP26	22	LONP1	4
NTN1	5	GATA3	22	CTTN	4
KIF1A	5	BAT1	22	STK32C	4
XPNPEP3	5	TSPAN18	22	SPATS2L	4
ST13	5	PAX6	22	ADARB1	4
C13orf31	5	KCNQ1OT1	22	ACTA2	4
PKN1	5	PCSK6	22	STK25	4
C3orf26	5	ZBTB20	22	GALNT9	4
FAM47A	5	MYOM2	22	AFG3L2	4
RGS6	5	DLG2	22	FMN1	4
PRKAG2	5	LOXHD1	22	MUPCDH	4
NLRP7	5	GMDS	22	MSH5	4
ATAD3B	5	KIAA1751	22	AP2A2	4
MAPK8IP3	5	TOLLIP	22	NTRK1	3
SCRIB	5	WWP2	21	UBTF	3
PCSK6	5	ODZ2	21	RNF207	3
AMBRA1	5	HOXB6	21	CABC1	3
MLLT1	5	SFRP2	21	ABCA3	3
PLEKHG4B	5	DNAH10	21	ADAR	3
TECTA	5	SSBP3	21	RIMBP2	3
PCNT	5	DNAJB6	21	PTPN14	3
CARS2	5	NOTCH1	21	ADAMTS6	3
MDGA2	5	ATXN1	21	CLSTN1	3
RGMA	5	NR4A2	21	SNORA10	3
RABL5	5	CELSR1	21	RPS2	3

NFIX	5	RBMS1	21	HS3ST3A1	3
CYP11B1	5	CSMD1	21	KLHL30	3
SEPT9	5	MACF1	21	ATF6B	3
CNTNAP2	5	SND1	21	DEPDC4	3
GATA2	5	HMHA1	21	TMEM79	3
RBM44	5	ERC2	21	ESPN	3
SEMA6A	5	DOM3Z	21	ATP6V1H	3
CLIC6	5	FILIP1L	21	MIR1976	3
MICALL2	5	UGT1A5	21	TMEM50B	3
CALD1	5	PEBP4	21	PAFAH1B1	3
SFXN5	5	PIP5K1C	21	STON1-GTF2A1L	3
SH3BP4	5	PC	21	DDR1	3
F10	5	FGFR2	21	SDCBP2	3
PACRG	5	TNF	21	PRKCA	3
HCN2	5	ITPK1	21	WFDC2	3
AACS	5	TCF7L1	21	FBXO31	3
ADCY5	5	MYO10	21	CYTH3	3
PROCA1	5	TFDP1	21	ICMT	3
GNG7	5	CACNA1I	21	RCBTB1	3
DENND2A	5	JAZF1	21	DGKZ	3
NCOA4	5	FOXK2	21	SCARB1	3
ANKRD33B	5	KCNQ2	21	TSPY4	3
TRAPPC9	5	PLEKHA6	21	NUCKS1	3
MYO9B	5	LOC285830	21	TINAGL1	3
TRAM1L1	5	COL6A3	20	CDK2AP1	3

TRIM39	5	NTRK1	20	FAM65A	3
PIP5K1C	5	SVIL	20	C19orf28	3
NAV2	5	VPS13D	20	MKL2	3
VIPR2	5	GALNS	20	KLHL36	3
MGRN1	5	LOC145845	20	DYSF	3
INPP4A	5	TOP1MT	20	GRTP1	3
BCL11B	5	SLC35F3	20	WHSC1	3
MAG	5	CRIM1	20	C18orf1	3
SNTG1	5	HSPG2	20	LRRN1	3
FAM83E	5	SLCO3A1	20	IPCEF1	3
SYNGAP1	5	RAI1	20	PLCH1	3
RNF39	5	INTS1	20	TG	3
WDR20	5	MEGF11	20	ZNF362	3
C6orf136	5	WWOX	20	SP9	3
CNGA3	5	A2BP1	20	ASXL2	3
NR2E3	5	RYR1	20	ZNF709	3
ZNF323	5	FAM20C	20	KCNMB3	3
PIP4K2A	5	CNTNAP2	20	ZNF605	3
KIRREL3	5	TRIM31	20	EPB49	3
OCA2	5	DYSF	20	PPM1G	3
COL4A1	5	TMCO3	20	UNC84A	3
PPP1R9A	5	TNS3	20	TRRAP	3
UBD	5	DNAH2	20	FBXL19	3
VTRNA1-2	5	DOCK1	20	PCMTD1	3
RREB1	5	RIN3	20	ASAP3	3

PEX10	5	PRDM8	20	SETD1A	3
PXDN	5	THSD4	20	AGXT2L2	3
THSD4	5	RASSF5	20	FAM66D	3
MACF1	5	PLAGL1	20	GRM4	3
SLC6A19	5	EBF1	20	RAB11FIP3	3
LOC731789	5	CACNA2D3	20	LRRC14	3
MUC6	5	LIMCH1	20	SLC29A4	3
ZFAND3	5	WNT5A	20	SPSB4	3
DNA2	5	PITPNM2	20	BRF1	3
CPNE7	5	FBLN2	20	SRCAP	3
C2orf27A	5	PACRG	20	C20orf199	3
MYO1E	5	TTC7B	20	AMPH	3
ALPL	5	LHPP	20	RTN4IP1	3
PLCH2	5	ADAM12	20	QRSL1	3
NKAIN3	5	ANK2	20	IGFBP7	3
KLHL14	5	OCA2	20	CSRP2	3
CSPG4	5	CLYBL	20	AIFM2	3
ARHGEF16	5	SNORD115-15	20	C6orf25	3
PARK2	5	SNORD115-21	20	BAT1	3
PLEC1	5	GGT1	20	ANKRD36	3
NRN1	5	RBPMS	20	CABLES2	3
CTBP2	5	RXRB	20	UCN3	3
BTNL2	5	BCL11B	20	INPP4B	3
FLJ22536	5	MAGI2	20	PPP2CA	3
ZNF429	5	PALLD	20	BCAT1	3

GOLGA3	5	TNRC18	20	AGAP3	3
CDYL	5	NMNAT2	20	RASGRP4	3
NRXN3	5	TRPM2	20	PPAN-P2RY11	3
UGT1A4	5	HIVEP3	20	P2RY11	3
UGT1A5	5	RB1	19	PPAN	3
SORBS2	5	C6orf27	19	ITPK1	3
HSPA1L	5	ANO2	19	FHDC1	3
TBX2	5	MEST	19	CHFR	3
CLDN18	5	RP1L1	19	TMUB1	3
RASAL1	5	LRRK1	19	FAM38A	3
GABRB3	5	ZBTB46	19	TMEM184A	3
LINGO3	5	GDF6	19	SLC22A11	3
LONP1	5	ITGAE	19	PURB	3
TRIO	5	CACNB2	19	SSPO	3
COL6A3	5	ESRRG	19	KIAA1967	3
KCNT1	5	CLCN7	19	FOXO3	3
PCDHA12	5	ABCC1	19	RASSF5	3
GLI2	5	ATG7	19	CCDC137	3
NTRK1	4	MUC4	19	LOC401010	3
TFAP4	4	PCBP3	19	IFITM1	3
UBTF	4	FYN	19	RAB32	3
RNF207	4	ACOT7	19	NR4A3	3
ABCA3	4	NRXN1	19	LSM2	3
LDB3	4	ARHGEF3	19	ARHGEF4	3
ADAMTS6	4	LOC400931	19	PUS10	3

CLSTN1	4	KIF26A	19	AGFG1	3
C16orf11	4	RUNX2	19	PITPNM2	3
PLCG2	4	SRGAP3	19	NLRC3	3
IGF2BP1	4	PPP2R2C	19	RABGAP1L	3
GRIN1	4	HPSE2	19	SSH1	3
C4orf49	4	IGF2AS	19	CLUAP1	3
KLHL30	4	SMAD3	19	POLDIP2	3
PRR5-ARHGAP8	4	ARHGEF17	19	TMEM199	3
ARAP1	4	ETS1	19	SRPK2	3
SCYL2	4	DSCAML1	19	ASAM	3
ST5	4	VIPR2	19	PCDH15	3
TMEM79	4	CDC42BPB	19	SLC43A2	3
GNL1	4	SHANK3	19	UTRN	3
ZNF423	4	SMG6	19	FAM172A	3
SRP9	4	PSTPIP1	19	ZNF321	3
TAF4	4	LPP	19	RABL5	3
IFITM5	4	HRH1	19	DNAJC5	3
CFB	4	CCDC57	19	FRMD4A	3
GABRD	4	ZNF385A	19	SORBS1	3
CLPTM1L	4	RGL1	19	SMARCA4	3
GATA4	4	HLA-DOA	19	SEMA6A	3
PIWIL2	4	CYFIP1	19	HSD17B12	3
LOC400927	4	FMN1	19	HDLBP	3
STON1-GTF2A1L	4	ST6GALNAC3	18	SMAD6	3
RASGRP4	4	SYNE1	18	ZCCHC24	3

DDR1	4	ENOX1	18	SLC25A2	3
EDAR	4	TUBB	18	PODN	3
PRKCA	4	UNKL	18	EVPL	3
CACNA1A	4	C1orf86	18	NRBP2	3
NUCKS1	4	BTBD11	18	CA5A	3
DOCK6	4	PRR5L	18	CBS	3
ATAD3C	4	ECE1	18	IL21R	3
ZEB2	4	GPX6	18	TRIM10	3
PTCHD3	4	ABLIM2	18	CSAD	3
CHTF18	4	NHSL1	18	SKP1	3
OR14J1	4	RUNX1	18	SLC25A15	3
ITIH5	4	SGIP1	18	TRIM59	3
ZNF611	4	NAV1	18	GPR133	3
GRTP1	4	TRIM2	18	C6orf129	3
CBS	4	GATA4	18	TNK2	3
SLC7A5	4	MRVI1	18	ITPR1	3
C18orf1	4	PARD3B	18	EGOT	3
PARD3B	4	PDE4DIP	18	PFKFB3	3
NUBPL	4	UGT1A4	18	AACS	3
TG	4	RASSF1	18	C16orf74	3
MIR548N	4	BICC1	18	SNORD115-1	3
PLAGL1	4	AJAP1	18	MPRIP	3
TRIM62	4	HLA-DMB	18	DUSP5	3
MBP	4	ARID5B	18	SYTL2	3
CRIM1	4	MEIS1	18	CSNK1G2	3

NRBP2	4	SYNPO	18	SCUBE3	3
PTBP2	4	ITPR2	18	GNG7	3
CCNY	4	GALNTL4	18	LYL1	3
SGEF	4	TNS1	18	ACOX3	3
DOCK5	4	AGRN	18	NEURL3	3
CARD11	4	ZFYVE28	18	KLC2	3
UNC84A	4	ATP10A	18	HSF4	3
TRRAP	4	ARPP-21	18	NCOA4	3
KIAA0182	4	DIRC3	18	FILIP1	3
UBB	4	HMGA2	18	MMP15	3
SLC16A1	4	PEX14	18	GPD2	3
PPP1R13L	4	SEMA3B	18	ZNF487	3
ASAP3	4	RXRA	18	OLFM2	3
USP17L2	4	ZBTB16	18	GRHL2	3
GRM4	4	TNNT3	18	RTN4RL2	3
RAB11FIP3	4	LRP1	18	IQSEC1	3
LRRC14	4	SBNO2	18	DEAF1	3
ITPR2	4	ASPSCR1	18	SEPX1	3
ZIC4	4	CTTN	18	COL25A1	3
SPSB4	4	SCHIP1	18	ACN9	3
WNT5A	4	CARS2	18	PPM1L	3
LOC100133315	4	VAV2	18	ZCCHC14	3
QRSL1	4	TSPAN9	18	COBL	3
IGFBP7	4	SH2B2	17	SOCS1	3
MACROD1	4	FHL2	17	WWC1	3

CCDC150	4	FMNL2	17	PSMD8	3
C6orf25	4	NRP2	17	LIMCH1	3
SSH2	4	CA5A	17	CELSR1	3
NKX2-2	4	AMZ1	17	NEURL4	3
ACSF3	4	MCPH1	17	NR1H4	3
KCNK16	4	NR2E1	17	DNAH10	3
WDR60	4	WFDC1	17	EDAR	3
KCNH2	4	C1QTNF1	17	MGRN1	3
CCDC122	4	TRERF1	17	PTPRG	3
FILIP1L	4	CCNY	17	MIR663	3
DGKI	4	LOC728264	17	JUP	3
ITPK1	4	GRK5	17	DDX41	3
ABCC1	4	ESPN	17	CD200R1	3
FHDC1	4	FOXP4	17	C3	3
IGF2BP3	4	CSMD2	17	C22orf28	3
SKIV2L	4	LHFPL2	17	TRIM60	3
SLC22A11	4	OTX1	17	INPP4A	3
C6orf27	4	RASGEF1C	17	SNTG1	3
CCDC60	4	RBM47	17	PRR5-ARHGAP8	3
ZHX2	4	MUC2	17	SPG7	3
RAB32	4	FGF1	17	LASS6	3
LSM2	4	PCDHGA12	17	PHACTR4	3
FLNC	4	PCDHGC3	17	SULF1	3
PITPNM2	4	LOC100302652	17	FN3KRP	3
C19orf34	4	CAMK2B	17	HCN1	3

NEU4	4	MAPK8IP3	17	TOM1L2	3
MYLK4	4	ELMO1	17	PAR4	3
FOXK2	4	NPHP4	17	SNORD115-23	3
OPRD1	4	LHX6	17	PGAP2	3
CD81	4	PIK3R5	17	HOPX	3
RYR1	4	LOC339524	17	SPEG	3
DNAJC5	4	UTRN	17	WWOX	3
PFKP	4	SPG7	17	SND1	3
NEURL1B	4	APBA2	17	LHX9	3
PDE11A	4	EXT1	17	LDB2	3
SORBS1	4	FLI1	17	MYO7A	3
C11orf16	4	GNASAS	17	ITGAL	3
SMARCA4	4	LIMS2	17	LY9	3
SMAD6	4	ISL2	17	ESRRB	3
CDC34	4	DAXX	17	NUP62	3
GLT1D1	4	SLA	17	OBSL1	3
ZCCHC24	4	MSX1	17	TCF25	3
UBTD2	4	PDE7B	17	SVIL	3
RAB40B	4	ANTXR1	17	JMJD6	3
ATP5G2	4	VAX2	17	C17orf95	3
PODN	4	PDE2A	17	RTN1	3
MARCH1	4	FAM107B	17	ZNF331	3
KLF7	4	SLC6A19	17	CAND2	3
CA5A	4	MSLN	17	RARA	3
SPTBN4	4	RBMS3	17	BCAR3	3

RGPD2	4	TAP1	17	TXNRD1	3
ZNF816A	4	SLC26A10	17	ZNF768	3
TFDP1	4	PCCA	17	RNF187	3
SH3D20	4	MYO16	17	CLEC14A	3
PLXNC1	4	HK1	17	ZNF323	3
SULF1	4	CYTSB	16	FRMD4B	3
FLNA	4	ITPKB	16	ANO7	3
SYTL2	4	SH3PXD2B	16	WDR25	3
PI4KA	4	CAMK1D	16	HOXB3	3
PBX1	4	HPCAL1	16	SNRPB2	3
LOC100133469	4	EYA4	16	CCDC60	3
MAP2K2	4	IGF2BP1	16	MIB2	3
WRB	4	PTPRU	16	PABPC1	3
LYL1	4	SLC5A10	16	GRIN2A	3
NRIP2	4	NINJ2	16	ADCY2	3
HSF4	4	GNAO1	16	C10orf11	3
NXPH4	4	ANO7	16	COL24A1	3
BEND4	4	CALN1	16	FMNL2	3
CILP2	4	MAST4	16	C14orf49	3
GDF15	4	SDCCAG8	16	UBE2E1	3
ZNF487	4	CRISPLD2	16	YSK4	3
OLFM2	4	MGAT5	16	MTG1	3
NRXN2	4	ATAD3C	16	CLIC1	3
TRIM27	4	FAT1	16	MGC26597	3
GNB1	4	ATXN7L1	16	ANKLE2	3

LDB2	4	TSPAN4	16	NCRNA00174	3
NADK	4	PGS1	16	FLJ43663	3
TRPM5	4	MMEL1	16	CLMN	3
IL17RD	4	PRIC285	16	ZNF827	3
ACVR2B	4	SEC14L1	16	C2orf88	3
SEMA3A	4	CLIC1	16	LOC440461	3
RASGRP2	4	GDNF	16	CHMP1A	3
ZCCHC14	4	IQSEC3	16	FBF1	3
PKP3	4	KIAA1462	16	C19orf22	3
PLA2G16	4	PLCH1	16	FBXL13	3
COBL	4	BNC1	16	ARID1A	3
SPG7	4	RCC2	16	RAP1A	3
LIMCH1	4	PRKCB	16	PEX10	3
CELSR1	4	INF2	16	MGAT4C	3
ZDHHC7	4	FRMD6	16	PXDN	3
UBE2E1	4	FMNL1	16	TTBK1	3
MYO1B	4	RAPGEF4	16	RGS20	3
BCAS3	4	SPSB1	16	DCAF6	3
CSMD2	4	MYO1C	16	MACF1	3
PTPRG	4	CXXC5	16	TRAM1L1	3
FKBP6	4	FIBCD1	16	MGC45800	3
LTBP3	4	KDM2B	16	TPPP	3
DDX41	4	CORO2B	16	LATS2	3
C3	4	GPX5	16	UBTD2	3
KIAA0284	4	CDH13	16	ACTG1	3

HCN1	4	RGL2	16	SPN	3
PKP4	4	SOX5	16	FAM131B	3
PGAP2	4	SSH1	16	CCDC149	3
ZNF808	4	LOC100130872-SPON2	16	RNF125	3
HLA-DQB2	4	SNX8	16	VDAC3	3
CALR	4	DOK3	16	ATP1B1	3
WWOX	4	GPC1	16	TCEA3	3
LHX9	4	NTN1	16	C2orf27B	3
MYO7A	4	CTSZ	16	NTM	3
LY9	4	FAM101A	16	PPT2	3
GRID1	4	SORL1	16	MYO1E	3
ESRRB	4	SOX2OT	16	PRKD2	3
IL4I1	4	C22orf9	16	PLCH2	3
MAP4	4	GRIK2	16	RING1	3
AGBL4	4	TTBK1	16	A4GALT	3
SYNGR3	4	SSPO	16	FOLR1	3
ZNF331	4	WWC2	16	CAMK1D	3
DBF4	4	MMP17	16	ISPD	3
SLC25A40	4	MAG	16	CMIP	3
CAND2	4	DENND1C	16	SMG6	3
RARA	4	C1orf228	16	MSLN	3
TXNRD1	4	FKBPL	16	IGF2BP3	3
NFKBIL2	4	C6orf47	16	CSPG4	3
FAIM2	4	CACNA1B	16	ERICH1	3
FRMD4B	4	LRRC27	16	ANKRD30A	3

ANO7	4	PSMB8	16	SAMD12	3
WDR25	4	PDZRN3	16	GLIS1	3
DGKQ	4	JAKMIP1	16	RBMS1	3
PKD1	4	TAP2	16	PIGG	3
SREBF1	4	PRR5	16	BAIAP2L1	3
C10orf11	4	ZFPM2	16	F2R	3
DGKD	4	BAT4	16	ZBTB17	3
C14orf49	4	STK10	16	PRDM9	3
SWAP70	4	RTN4RL1	16	BTBD11	3
DDAH2	4	ARHGAP15	16	KIF7	3
NF1	4	KIAA1217	16	GRB10	3
MGC26597	4	ABCG5	15	KIAA0513	3
SEMA4C	4	CCDC88B	15	ANKRD17	3
CACNB2	4	DGKI	15	EEF1E1	3
CSNK1D	4	C10orf26	15	SSU72	3
ZNF827	4	KIAA1688	15	FAM53C	3
C2orf88	4	FGR	15	ZFHX3	3
LOC440461	4	FLJ42875	15	CMPK2	3
KCNQ4	4	MAGI1	15	CLASP1	3
CAMK1D	4	CTNNA3	15	COL13A1	3
ZBTB46	4	MYO1D	15	FAM19A1	3
FBF1	4	MICALL2	15	LTV1	3
LAMC2	4	KALRN	15	CTBP2	3
KRT14	4	DGKD	15	MYO9B	3
ARID1A	4	FAM53B	15	PTCH2	3

SCHIP1	4	MESTIT1	15	GLUL	3
SRGAP1	4	COL9A3	15	RIMS3	3
MGAT4C	4	IKZF1	15	TIAM2	3
IFT88	4	SRRM3	15	NLRP7	3
SPPL2B	4	SMAD6	15	RANBP2	3
ZBTB12	4	HIPK2	15	GPR125	3
NCK2	4	MYO7B	15	BAI2	3
MUC2	4	GPSM3	15	AKAP10	3
C11orf9	4	OBSL1	15	ODZ3	3
LATS2	4	NOS3	15	SLC29A2	3
RECQL5	4	ASCL2	15	USP6NL	3
RNF125	4	TNFRSF19	15	ADRB2	3
RING1	4	RLTPR	15	MCC	3
DMRTA2	4	LPIN1	15	PAQR5	3
ATP1B1	4	EXD3	15	TUBB4	3
C2orf27B	4	AHDC1	15	MIR220B	3
MUC1	4	PRTN3	15	EGFL7	3
CAV1	4	RPL3	15	RBM9	3
GAGE2A	4	MUPCDH	15	PLD3	3
RASL10B	4	MARCH10	15	LOC647979	3
BRUNOL4	4	MAEA	15	C7orf23	3
FOLR1	4	RASAL3	15	DMTF1	3
ISPD	4	PKNOX2	15	SIPA1L3	3
TTLL10	4	ADPRHL1	15	NXPH4	3
MAML3	4	PDCD1	15	SYNJ2	3

LOC100132215	4	WDR8	15	TFPI	3
SMG6	4	GREB1	15	CATSPER2	3
COL13A1	4	TESC	15	VPS53	3
ODZ2	4	MYT1	15	APP	3
LRRC43	4	HTRA3	15	OTX1	3
HNRNPF	4	LY6G5C	15	SPTBN2	3
CACNA2D4	4	MIR548G	15	TBL1XR1	3
BAI2	4	SLC6A18	15	C13orf35	3
ANKRD30A	4	GRID1	15	FBXL8	3
SAMD12	4	JAK3	15	PPARGC1A	3
SCUBE2	4	NPAS3	15	C21orf91	3
ATG2B	4	TMUB1	15	PRDM11	3
MYO7B	4	LMX1B	15	GPR39	3
MLXIP	4	PHACTR2	15	SYT15	3
GRB10	4	SCNN1A	15	DNER	3
KIAA0513	4	DPF3	15	KIAA1211	3
ZKSCAN3	4	LDLRAD3	15	LETM1	3
ZFHX3	4	SYN3	15	SGTA	3
PCDHGC3	4	EPHB1	15	RICS	3
BRUNOL6	4	PLEKHG4B	15	RNF166	3
RHOBTB2	4	SOX8	15	MYO1B	3
GPR176	4	C3orf50	15	KLHDC4	3
CRYL1	4	GRB10	15	RCC2	3
KRAS	4	H2AFY	15	KIAA1244	3
GLUL	4	SPI1	15	PRDM15	3

PPP3CB	4	PSD3	15	PSD3	3
DHX58	4	VWF	15	PPAT	3
RHBDF2	4	TPO	15	SLC25A13	3
C12orf42	4	SPN	15	LRP1	3
TMCC3	4	CHID1	15	KANK2	3
RFPL2	4	ATP2A3	15	RELL2	3
ADK	4	WDR20	15	AGPAT1	3
TUBB4	4	MITF	15	DGKE	3
MIR220B	4	VPS53	15	HOXA11AS	3
PCBP1	4	DPP6	15	HOXA11	3
EGFL7	4	STK32B	15	FARP1	3
RBM9	4	ADAMTS12	15	NALCN	3
PLD3	4	MYLK	15	USP36	3
TMEM104	4	PCDHGC4	15	GABARAPL1	3
LOC647979	4	ROBO4	15	SPAG1	3
C7orf23	4	PRDM6	15	VSNL1	3
HIST1H3I	4	DYNC1I1	15	GGA3	3
CATSPER2	4	ARID1B	15	FAM176A	3
SPTBN2	4	ACCN4	15	STOX2	3
TBL1XR1	4	RHPN1	15	COL22A1	3
C13orf35	4	SYTL2	15	CUBN	3
DOCK2	4	CRYL1	15	GABRB3	3
FSCN1	4	MEIS2	15	SLC28A2	3
SLC26A11	4	SPATS2L	15	SNRPN	3
STAG3	4	FAM125B	15	ROR1	3

ZNF813	4	LDB2	15	PHIP	3
UGT1A3	4	S100A9	15	FLNB	3
SH3BP2	4	RAB37	15	LAMP1	3
SSBP3	4	LTBP1	15	FRG1	3
PAPLN	4	PHLDB1	15	MGMT	3
SPOCK2	4	CYFIP2	15	ACCN1	3
PRR5L	4	COBL	15	CDC42BPB	3
PDE4D	4	FBN1	15	CACHD1	3
FAM101B	4	PPP2R2B	15	CNOT6	3
RCC2	4	MLC1	15	MMP17	3
CNOT6	4	PARK2	15	ZNF429	3
PSD3	4	ADRBK1	15	AP3D1	3
STK3	4	PFKP	15	EHD4	3
RIN3	4	TSNAX-DISC1	15	PCDHGC3	3
CRYAA	4	HK3	15	PCDHGA12	3
ZNF167	4	FRMPD2	15	PCDHGA11	3
PANK4	4	NRXN3	15	PCDHGA9	3
KANK2	4	TACC2	15	PCDHGB6	3
HDAC3	4	KIFC1	15	PCDHGC4	3
MAPK10	4	SNTG2	15	PCDHGB3	3
TACC2	4	EDNRB	15	PCDHGB7	3
FARP1	4	PRDM2	15	PCDHGA6	3
SORL1	4	UHRF1	15	PCDHGA8	3
NALCN	4	ATP2A1	14	PCDHGA10	3
USP36	4	ZEB2	14	PCDHGA5	3

VSNL1	4	EVI5L	14	PCDHGB4	3
TTL8	4	ABCA3	14	PCDHGA7	3
EP400	4	HOXC5	14	PCDHGB2	3
RPS9	4	SCRIB	14	PCDHGB5	3
APBB2	4	C1QTNF7	14	SLC26A11	3
PSG8	4	GIMAP7	14	SGSH	3
FRG1	4	STOX2	14	AP1B1	3
GAS7	4	PLXNB2	14	MEGF11	3
MARCH6	4	TNFRSF25	14	OR4A15	3
HSPG2	4	MEG3	14	HNRNPF	3
SFMBT2	4	RGNEF	14	RAI14	3
MEGF11	4	TTL10	14	ZNF311	3
RYR2	4	SLC2A5	14	RHBDF2	3
CTTN	4	CCHCR1	14	UTS2R	3
RAI14	4	MPRIP	14	DCLK1	3
DOK6	4	MGAT1	14	TMEM108	3
DCLK1	4	FLJ43860	14	TNIP2	3
TNIP2	4	TPPP	14	RXRA	3
SNTG2	4	ZFAND3	14	MCL1	3
FGR	4	GNL1	14	SFMBT2	3
MOG	4	HOXD3	14	PLEKHA8	3
RAD51L1	4	SLC1A7	14	C8orf34	3
EBF4	4	ZNF608	14	N6AMT2	3
AZI1	4	PTPRG	14	GRIP2	3
FZD5	4	CAPN2	14	AZI1	3

VAV2	4	RFX4	14	CENPP	3
FAM190A	4	HLA-DRA	14	FZD5	3
SRC	4	WDR27	14	SHROOM3	3
SPATS2L	4	WIPI2	14	CACNA1C	3
PLEKHA5	4	TAL1	14	FAM101B	3
ADARB1	4	BCAR1	14	RAB37	3
ZAP70	4	FLJ90757	14	SRD5A1P1	3
ACTA2	4	ANKFN1	14	PTPN6	3
GABBR1	4	EVPL	14	MUC5B	3
AFF3	4	CYTH3	14	EPHA5	3
WDR27	4	ALDH3A1	14	ROBO1	3
STK25	4	EGFL8	14	EIF2C2	3
SETD1B	4	CPZ	14	KCNIP2	3
GML	4	C10orf79	14	HLA-DOA	3
NMNAT2	4	GRIK5	14	SGIP1	3
AFG3L2	4	SYNPO2	14	ZSCAN5A	3
RUNDC3A	4	LAT	14	B9D2	3
FMN1	4	AFAP1	14	CADPS2	3
FAM53A	4	PLXNA4	14	RAD51L1	3
POM121C	4	NCALD	14	C6orf136	3
MSH5	4	AHNAK	14	PLEKHA5	3
GRAMD4	4	GPR75	14	WDR27	3
CRELD2	4	SLC7A5	14	SETD1B	3
PCDHA13	4	EXOC4	14	CXCR5	3
MAEL	3	ST7	14	HIP1	3

INSRR	3	RARA	14	GML	3
DNAH11	3	SCNN1D	14	NMNAT2	3
DLK1	3	PTPN7	14	TLN2	3
ITPKB	3	FGFR3	14	LPAR2	3
CABC1	3	PPFIA4	14	RUNDC3A	3
CREBBP	3	AXIN1	14	FBLN2	3
C16orf75	3	DAB2IP	14	ARHGAP15	3
ADAR	3	B3GAT1	14	FNDC3B	3
EIF2S3	3	SBF2	14	FLJ25363	3
PTPN14	3	AMPD3	14	FAM53A	3
KIF13A	3	TNFRSF1B	14	ARHGAP10	3
ENOX1	3	BAT3	14	PRKACA	3
LOC285768	3	HRH2	14	OCA2	3
KCNJ12	3	HOXA9	14	LRRK1	3
FLJ32063	3	FAM71E2	14	REXO1	3
TMEM125	3	AFF1	14	GUSBL1	3
C8orf79	3	COMT	14	LOC646762	3
SAMD11	3	LY6G6C	14	UCKL1	3
PLCE1	3	RGS14	14	ASPG	3
EYA4	3	GFOD1	14	LOC100329109	3
TCF19	3	STAB1	14	RHOBTB2	3
IGFN1	3	MYO1B	14	STAG3	3
FUK	3	CTDSPL	14	GPC2	3
SNORA10	3	SGCD	14	WNT5A	3
RPS2	3	MUC21	14	SLC41A3	3

HS3ST3A1	3	DCLK1	14	PNPLA8	3
FURIN	3	C14orf43	14	GRAMD4	3
PTPMT1	3	COL25A1	14	AFF3	3
ZNF629	3	ARHGAP23	14	POM121C	3
NLGN2	3	RGS6	14	ALG12	3
PRR5	3	HLA-DMA	14	CRELD2	3
MAP4K1	3	ARHGEF4	14	TBCA	3
SV2C	3	SLC22A23	14	SPARC	3
MALL	3	VAX1	14	EPHA6	3
DEPDC4	3	PDE4B	14	EIF4A1	2
FMN2	3	NUMA1	14	SENP3	2
EYS	3	FLT1	14	INSRR	2
SEC16A	3	GRID2	14	CAGE1	2
LOC440910	3	HDLBP	14	MYBL1	2
SLC6A18	3	PPM1L	14	TFAP4	2
ESPN	3	SYT7	14	ITPKB	2
C15orf41	3	NTF3	14	C16orf75	2
ATP6V1H	3	EP400	14	ZNF627	2
MIR1976	3	USP6NL	14	ENOX1	2
BOLL	3	HLX	14	HOOK2	2
SMAD3	3	ARHGEF7	14	TMEM125	2
UNC13A	3	AMICA1	14	LDB3	2
TMEM50B	3	TCF7L2	14	PIGV	2
FOXP4	3	GRAMD4	14	PXDNL	2
NOTCH1	3	SFMBT2	14	C8orf79	2

PROX1	3	TMEM132B	14	PLXNB2	2
CDH15	3	KCNIP2	14	EYA4	2
KCNJ6	3	MAP4K4	14	TCF19	2
PAFAH1B1	3	KIAA1949	14	C20orf43	2
PTK2	3	CCDC85C	14	EP300	2
PTPRE	3	SIPA1	14	TAGAP	2
C16orf7	3	CREB3L2	14	MCM5	2
GTF2A1L	3	H19	14	FURIN	2
PPP4R2	3	APBB1IP	14	NCRNA00164	2
NKX2-8	3	NRG1	14	TAF11	2
AMZ1	3	PEX10	14	ANKS1A	2
PAX5	3	HLA-DQB2	14	MIR375	2
INO80	3	SLC22A8	14	ZNF629	2
TAF2	3	LOC100130987	14	TRIM56	2
ARVCF	3	SLC6A6	14	CHD5	2
SDCBP2	3	INSRR	13	ARHGAP24	2
USP20	3	PTPRF	13	RPP21	2
DPP9	3	CARKD	13	PRR3	2
WFDC2	3	KCNK17	13	GNL1	2
ITGB1BP3	3	SEMA6B	13	SEC16A	2
CYTH3	3	ACOX3	13	TERF2IP	2
RCBTB1	3	CROCC	13	KARS	2
IGF2R	3	EGFLAM	13	LOC440910	2
SCARB1	3	RAB11FIP3	13	NSMCE2	2
DBNDD1	3	HLA-H	13	SFRS11	2

DNAJC8	3	UXS1	13	EPS8	2
TINAGL1	3	HSD17B8	13	CSMD1	2
USH1C	3	DOCK5	13	BOLL	2
CDK2AP1	3	DLGAP4	13	ABCB9	2
FAM65A	3	VEPH1	13	FOXP4	2
LYPD4	3	DDAH1	13	DDA1	2
PTDSS2	3	RFTN1	13	CCDC129	2
C19orf28	3	TAF4	13	FAT1	2
NCRNA00200	3	TBC1D10C	13	SLC27A3	2
MKL2	3	SPRED2	13	ARL15	2
RPL3	3	ARAP1	13	PGR	2
PNOC	3	PPM1H	13	CDH15	2
KLHL36	3	KCNH2	13	HLA-DRB5	2
DOC2A	3	ARHGAP24	13	PTK2	2
DYSF	3	MYH9	13	PTPRE	2
KBTBD11	3	NCKAP5	13	GTF2A1L	2
SRRM4	3	IL12RB2	13	PPP4R2	2
SLC25A44	3	PKD1L1	13	AMZ1	2
SH3PXD2B	3	PNPLA1	13	SH2D1A	2
WHSC1	3	MUC6	13	TAF2	2
AP3B2	3	CDK11B	13	SERINC4	2
LRRN1	3	RPS6KA1	13	C15orf63	2
MRC2	3	PIK3R6	13	GDF2	2
ATP2A2	3	HLA-DOB	13	LTA	2
IPCEF1	3	IQGAP2	13	MIR339	2

PLCH1	3	AACS	13	TMEM167A	2
LOC642006	3	ANKS1B	13	MLLT11	2
ZNF362	3	HS3ST3B1	13	CDC42SE1	2
SON	3	CHFR	13	USH1C	2
OSBPL6	3	ZNF827	13	EFEMP1	2
EPB41	3	BRE	13	IGFN1	2
FYN	3	LOC254559	13	APOC1P1	2
VHL	3	DSCR4	13	SV2C	2
ZNF469	3	KIAA1522	13	PTDSS2	2
ASXL2	3	AGPAT1	13	MEOX1	2
ZNF709	3	SCARB1	13	SHISA6	2
ZNF598	3	BAI2	13	CHTF18	2
KCNQ5	3	TEAD1	13	RPL3	2
KCNK5	3	GCNT2	13	PNOC	2
KCNMB3	3	KIAA1530	13	DYDC2	2
PVRL4	3	LMO7	13	CATSPER2P1	2
ZNF605	3	INS	13	NSUN5	2
EPB49	3	MTHFD1L	13	ITIH5	2
C16orf73	3	POLE	13	NCALD	2
SLC9A10	3	TNR	13	EP400NL	2
ZNF638	3	CACNA2D1	13	KBTBD11	2
LOC100128977	3	WNT7A	13	C2orf56	2
KCNG4	3	UGT1A3	13	TJP2	2
PPM1G	3	WNT5B	13	DPEP2	2
ADAM15	3	NEDD4L	13	SRRM4	2

ECE1	3	FLNC	13	C12orf40	2
FBXL19	3	TOM1L2	13	LAMA3	2
ITGB1	3	SEMA5A	13	PAPOLA	2
SERINC5	3	XKR4	13	IKZF3	2
EXOC6	3	SLC6A12	13	C20orf117	2
PCMTD1	3	SNX20	13	TMPRSS2	2
TSKS	3	GPR176	13	ATG4B	2
DAZAP1	3	TMEM204	13	NUBPL	2
TMPRSS8	3	VTI1A	13	LOC642006	2
TTL12	3	TRIM71	13	ZNF433	2
ACTN4	3	RIMS1	13	OSBPL6	2
EVL	3	SBF1	13	EPB41	2
IGFL3	3	DSCAM	13	FYN	2
SETD1A	3	SNED1	13	VHL	2
NFIC	3	FASTK	13	C1orf25	2
AGXT2L2	3	OSR2	13	C1orf26	2
SEMA5B	3	BRF1	13	ACOT7	2
TLL2	3	AKAP12	13	OXNAD1	2
SATB1	3	GSC	13	SELT	2
FAM82B	3	DDC	13	PDLIM5	2
DNAJB1	3	CPLX2	13	FMNL1	2
DHX30	3	CACNA1A	13	LSM14B	2
PNPLA7	3	ODZ3	13	PVRL4	2
UNC80	3	OSBPL10	13	FLJ43950	2
TSTA3	3	PPAN-P2RY11	13	CAPS	2

SRCAP	3	ARHGAP25	13	TAOK3	2
C1orf183	3	CHSY1	13	C16orf73	2
C20orf199	3	PIP4K2A	13	MAGI1	2
KCNH6	3	ARNT2	13	ANXA4	2
C1orf127	3	FERMT3	13	KCNG4	2
LRCH1	3	IGSF21	13	PKNOX2	2
HOXA10	3	DNAJC17	13	NDRG2	2
INPP5D	3	ANKRD33B	13	KIAA0182	2
AMPH	3	C10orf105	13	ECE1	2
RTN4IP1	3	BCAT1	13	SSX8	2
TMC6	3	AGAP3	13	WIPI2	2
FLYWCH1	3	PITPNC1	13	CDCA7L	2
FAM99B	3	MGLL	13	EXOC6	2
CSRP2	3	FASN	13	POM121	2
AIFM2	3	XKR6	13	ATG9B	2
DNAH2	3	LOC146880	13	DAZAP1	2
AP2S1	3	KLHL25	13	LOC550643	2
IL2RG	3	SAMD4A	13	MARCH3	2
BAT1	3	GFI1	13	TMPRSS8	2
ANKRD36	3	XRCC3	13	FHL2	2
CABLES2	3	SKIV2L	13	TTLL12	2
MYADML2	3	LOC154822	13	IGFL3	2
UCN3	3	MTA1	13	NAALADL2	2
SEC22B	3	MAB21L1	13	GNAT1	2
INPP4B	3	WWTR1	13	APOA2	2

SNURF	3	ASAM	13	USP17L2	2
TPSG1	3	TLN2	13	SATB1	2
RBM19	3	PLCB2	13	ETHE1	2
SIM1	3	IGF2BP3	13	FAM82B	2
GALP	3	GTF2H4	13	PDLIM1	2
PPP2CA	3	SORBS1	13	ADCY9	2
BCAT1	3	ITPRIP	13	PNPLA7	2
AGAP3	3	LYN	13	MIRLET7A3	2
C2orf89	3	MSLNL	13	LOC400931	2
HIST1H2BJ	3	SIM2	13	MIRLET7B	2
TFAP2B	3	SLC4A4	13	MED12L	2
TECPR2	3	ABTB2	13	CYP46A1	2
IGFL2	3	PLXNC1	13	IFI27L1	2
PPAN-P2RY11	3	CIT	13	UNC80	2
P2RY11	3	DOCK9	13	MTA3	2
PPAN	3	GCK	13	STOX1	2
PALM	3	MTUS2	13	CRAMP1L	2
SRCRB4D	3	RBM20	13	TSTA3	2
DGUOK	3	FLJ12825	13	HDAC10	2
ZFYVE1	3	MYO1F	13	USP34	2
STXBP4	3	TNFRSF8	13	TAL1	2
CCDC88C	3	NLRP3	13	MGC13005	2
USP50	3	LARP1	13	ADAM11	2
CHFR	3	THADA	13	RNF14	2
ZNF668	3	UBAC2	13	TPK1	2

TMUB1	3	SMYD3	13	SNORD12	2
TMEM184A	3	PPP1R10	13	KCNH6	2
C22orf9	3	CACNA1G	13	LOC401127	2
MLLT6	3	SLIT1	13	MORN3	2
PURB	3	VOPP1	13	PGAM1	2
ZNRF3	3	THBS2	13	INPP5D	2
ARHGEF17	3	RTN1	13	ZP3	2
SSPO	3	LMO2	13	SQSTM1	2
ATP2B2	3	NCOA2	13	PLEKHA1	2
MITF	3	MYOF	13	TMC6	2
NBPF9	3	ARHGEF10L	13	RNF126	2
STX1A	3	DKK3	13	ANKRD1	2
KIAA1967	3	KIAA1211	13	FAM155A	2
ROBO2	3	FXYD1	13	GIF	2
DSCR8	3	FHIT	13	UBB	2
DSCR4	3	LVRN	13	NSMAF	2
FOXO3	3	IGDCC4	13	USP49	2
CPSF1	3	CSF3R	13	FAM99B	2
RASSF5	3	ACTN1	12	SDC1	2
CCDC137	3	WFIKKN2	12	GXYLT2	2
LRRC33	3	EHMT1	12	PPP3CC	2
LOC401010	3	ABCG8	12	DNAH2	2
KIDINS220	3	CABC1	12	SLC5A4	2
COL18A1	3	CDH5	12	TIAM1	2
IFITM1	3	GPSM1	12	ACAA1	2

MUC4	3	CPNE4	12	KRT17	2
SOST	3	RGS3	12	VWCE	2
DTNB	3	RASAL2	12	ZNF821	2
LOC645166	3	GRIN2A	12	ATXN1L	2
NR4A3	3	PDE9A	12	NT5M	2
PLAT	3	KIF5C	12	SSH2	2
TPCN2	3	MCF2L2	12	MYADML2	2
ARHGEF4	3	TTYH3	12	SEC22B	2
PUS10	3	GNG12	12	SH3BGRL3	2
ATP4B	3	TNK2	12	HS1BP3	2
AGFG1	3	DTX1	12	KIF13A	2
C11orf2	3	SH3BP2	12	TEX14	2
COL12A1	3	MAP7	12	S100A8	2
MED16	3	DEF6	12	ZIC2	2
NLRC3	3	EFNB2	12	CCDC109B	2
SEMA3B	3	CCND1	12	BTBD3	2
RABGAP1L	3	DOK2	12	RBM19	2
ZNF428	3	MATN2	12	SLC12A8	2
SSH1	3	ZNF219	12	SNORD32B	2
VIPR1	3	KCNAB1	12	EVL	2
CLUAP1	3	CACNA1D	12	PSMD13	2
SH2D3C	3	MFHAS1	12	FCGBP	2
POLDIP2	3	ZNF536	12	C2orf89	2
TMEM199	3	HLA-DPA1	12	TMEM163	2
AATK	3	WIPF1	12	ABCA9	2

CLCN7	3	RER1	12	HIST1H2BJ	2
DIDO1	3	TNFAIP8	12	MIR548G	2
CCDC40	3	PTK2	12	RFX2	2
SRPK2	3	GUCY2D	12	ENPP1	2
ASAM	3	ATP8A2	12	DGKI	2
FAM57B	3	RNH1	12	BCL9L	2
TCEA2	3	MPO	12	CACNA2D3	2
MIP	3	RFX2	12	IGFL2	2
CDH5	3	PSORS1C2	12	MIR636	2
PCDH15	3	PEAR1	12	SFRS2	2
SLC43A2	3	SH3D20	12	MFSD11	2
UTRN	3	ADORA3	12	LPHN1	2
SCN5A	3	RNF150	12	BLVRA	2
FAM172A	3	LTBP4	12	RPL36	2
ZNF321	3	CHD3	12	SMARCC2	2
HHIPL1	3	TRAF3IP2	12	PALM	2
VPS72	3	CCDC154	12	SRCRB4D	2
PATL2	3	PRRX2	12	RNASE11	2
METRNL	3	COL1A1	12	KDM2B	2
NSD1	3	C1orf159	12	ZFYVE21	2
ZBTB11	3	BOC	12	CCDC88C	2
LOC100009676	3	KBTBD11	12	MTRR	2
RGS7	3	NR5A1	12	FASTKD3	2
SRI	3	ERI3	12	ZNF668	2
RNF157	3	CPLX1	12	BTBD7	2

BRD2	3	PAPLN	12	LSM5	2
HSD17B12	3	SYNE2	12	WDR82	2
HDLBP	3	WDR60	12	OPCML	2
FGF8	3	UMODL1	12	CCDC83	2
FLI1	3	MIR548N	12	C6orf27	2
SLC25A2	3	RAI14	12	MITF	2
TMEM181	3	LINGO3	12	MTERFD2	2
LOC401052	3	ZNF783	12	RAGE	2
MCM2	3	KIAA0247	12	ZNF696	2
EVPL	3	FAM110B	12	ITPKA	2
HS3ST4	3	LFNG	12	SYCE2	2
TAP2	3	GPR37L1	12	ROBO2	2
RUNX1	3	GPR132	12	DSCR8	2
KATNAL1	3	TIAM2	12	DSCR4	2
FAM107B	3	BAALC	12	POLR2L	2
IL21R	3	STARD13	12	C17orf90	2
SIRT6	3	CSF1R	12	ZNF506	2
TRIM10	3	ERG	12	KIAA0748	2
YOD1	3	FGGY	12	LRRC33	2
CSAD	3	LRBA	12	KIDINS220	2
PPP2R2C	3	GNA15	12	COL18A1	2
SKP1	3	SMPD3	12	SCTR	2
HLA-B	3	GIMAP8	12	SOST	2
SLC25A15	3	PDLIM1	12	TNFAIP8L2	2
TRIM59	3	SRGAP1	12	GOLGA2L1	2

PLXND1	3	DCUN1D2	12	LOC645166	2
IMMP2L	3	WWC1	12	MT2A	2
FKRP	3	FAM178B	12	FLNC	2
MYO15A	3	PCOLCE	12	MAB21L1	2
C6orf129	3	MYH7	12	ARVCF	2
ORC2L	3	HOXA10	12	C11orf2	2
TNK2	3	INSC	12	COL12A1	2
ITPR1	3	MIB2	12	ASCL4	2
EGOT	3	DLG5	12	NEU4	2
SF1	3	PAK6	12	ZNF765	2
PFKFB3	3	MYH11	12	CDC10L	2
C16orf74	3	CLRN1	12	HECW1	2
KLHL26	3	HEATR2	12	ALX3	2
SNORD115-1	3	PTPRJ	12	C16orf58	2
C14orf180	3	KCNQ5	12	FAM198A	2
ANUBL1	3	ARHGAP10	12	RET	2
DYNC1H1	3	EEPD1	12	SCN2B	2
ELF5	3	PLD1	12	LITAF	2
HIST1H3G	3	SIGIRR	12	OSBPL10	2
DUSP5	3	CLEC16A	12	ZNF428	2
CD84	3	LAIR1	12	TECTA	2
ZNF536	3	PODN	12	GSTA3	2
CRTC1	3	REC8	12	RPF1	2
CGB	3	SERPINA1	12	AATK	2
FRS3	3	PALM	12	DIDO1	2

GNAO1	3	WDR25	12	PAX5	2
CCDC64B	3	FSTL4	12	AFAP1L2	2
STAC	3	SFRS8	12	GPC6	2
SNORD115-10	3	CAPZB	12	CD38	2
HLA-DRA	3	CPE	12	FAM49A	2
SCUBE3	3	FGF6	12	FAM57B	2
CACNG4	3	ARID3A	12	LOC349114	2
GMDS	3	CBS	12	MIIP	2
SNORA52	3	CSNK1D	12	NFATC2IP	2
RPLP2	3	DAAM2	12	UGGT2	2
OSR1	3	CADM1	12	FLJ23834	2
RNF213	3	RAB32	12	MYO3A	2
GAMT	3	RUNX1T1	12	TET3	2
PLA2G4E	3	ATXN7	12	RYR1	2
ACOX3	3	ZBTB38	12	SCN5A	2
NEURL3	3	GPR98	12	CPM	2
FAM41C	3	EXPH5	12	CTXN1	2
KLC2	3	NLRC3	12	UFC1	2
CREB3L1	3	C6orf145	12	HHIPL1	2
FAM162B	3	RASSF2	12	SNX10	2
WDR66	3	CAMKK1	12	C1orf93	2
PARN	3	DOT1L	12	VPS72	2
FILIP1	3	SOLH	12	PAK2	2
IL16	3	UNC5A	12	TCIRG1	2
ITGAV	3	CNTN4	12	ANO10	2

PRHOXNB	3	CDKAL1	12	MCM6	2
MMP15	3	MYST4	12	GATA6	2
GPD2	3	FAM49A	12	PDE11A	2
GRHL2	3	LOC285780	12	ABCC1	2
RTN4RL2	3	ARSG	12	RGS7	2
DNMT3A	3	KIAA1409	12	CHRNA3	2
LY6G5C	3	VARS2	12	RNF157	2
DEAF1	3	SLC4A2	12	ARL6IP1	2
SLC1A5	3	TFAP2A	12	RBM44	2
SEPX1	3	SIGLEC12	12	BRD2	2
SNX8	3	NOS1AP	12	FANCC	2
TCF7L2	3	SMURF1	12	NCRNA00173	2
CDK11B	3	PDE3A	12	UBE2K	2
GSTO2	3	NDST1	12	TMEM181	2
PPP2R2D	3	ITGA11	12	DCBLD2	2
CPLX1	3	ADAMTS10	12	LOC401052	2
USP32	3	FUT4	12	SFXN5	2
COL25A1	3	PSMB9	12	PIGY	2
SLC38A11	3	BIN3	12	RBMS3	2
ACN9	3	ATP1A2	12	MCM2	2
KSR2	3	BACH2	12	FLYWCH1	2
NHSL1	3	MAST1	12	ATP6V0D1	2
FAM73A	3	C11orf41	12	CREB5	2
PPM1L	3	CDK6	12	SNX19	2
SOCS1	3	PRR5-ARHGAP8	12	AANAT	2

WWC1	3	LRRC43	12	UBE2O	2
RHPN1	3	CSNK2B	12	EYS	2
NADSYN1	3	CHST12	12	PDE3A	2
PSMD8	3	TBXAS1	12	RUNX1	2
LOC100126784	3	EFNA5	12	MED13	2
ZNF773	3	GAL3ST2	12	FAM107B	2
C1orf86	3	EIF4G1	12	PMS2L1	2
SPI1	3	CRTAC1	12	STON2	2
NEURL4	3	LASS6	12	MAL2	2
KIAA1026	3	TMCC1	12	MST1P2	2
NR1H4	3	PTPRC	12	SPTBN4	2
RMST	3	PTPN6	12	SIRT6	2
MFI2	3	FAM179A	12	DYNLL1	2
DNAH10	3	FES	12	MCART3P	2
LOC404266	3	EHD4	12	CCDC33	2
C16orf53	3	SEZ6	12	SH3RF3	2
MVP	3	SLC6A1	12	NFIC	2
KIAA1908	3	TSSC4	12	TFDP1	2
CDK6	3	C6orf136	12	ZNF845	2
KIAA1324	3	PRDM15	12	FKRP	2
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LOC649330	3	EEFSEC	12	PLXNC1	2
LRP8	3	NUAK1	12	IL34	2
MIR663	3	PHC2	12	MYO15A	2
MIR1974	3	BIN2	12	PPAPDC1A	2

ATG2A	3	ROBO1	12	TDRD12	2
SCUBE1	3	ZIM2	12	EVI5L	2
ZNF703	3	ENPEP	12	NCRNA00200	2
MYO1D	3	NBLA00301	12	KLHL26	2
TRIM31	3	GRIK3	12	ANUBL1	2
PXN	3	C6orf208	12	SART1	2
JUP	3	LGALS3BP	12	MORN1	2
CD200R1	3	TAS1R3	11	ARRDC2	2
ALDH9A1	3	SLC2A9	11	POLE	2
EPHB2	3	OSM	11	HNMT	2
CCR3	3	CRHR1	11	SNORD17	2
C22orf28	3	KLHL30	11	SNX5	2
TRIM60	3	CLNK	11	LOC730755	2
LASS6	3	MTSS1	11	CXCR2	2
SPNS2	3	RNF207	11	ANKRD2	2
AHNAK	3	LRRC47	11	ACTN1	2
PRPF3	3	COL20A1	11	NOSTRIN	2
USP42	3	TMEM108	11	TCTE3	2
PHACTR4	3	SLC39A4	11	C6orf70	2
DHX37	3	ARHGEF19	11	COL9A2	2
FN3KRP	3	ASAP1	11	C19orf34	2
ERGIC1	3	SAMD14	11	CGB	2
TOM1L2	3	RAB40C	11	ALOX5AP	2
PAR4	3	GP5	11	FRS3	2
SNORD115-23	3	KIAA1199	11	STAC	2

HOPX	3	NF1	11	ZNF431	2
ITGB2	3	PDGFA	11	WRB	2
SPEG	3	HGS	11	SNORD115-10	2
ASB13	3	GFRA2	11	S1PR1	2
FZD2	3	IRF5	11	OR2B2	2
ITGAL	3	PLCE1	11	SF1	2
CCDC79	3	TCF19	11	GMDS	2
NUP62	3	BRUNOL4	11	SNORA52	2
DDC	3	C16orf68	11	RPLP2	2
OBSL1	3	KCNQ4	11	RNF213	2
SLC22A23	3	ANKS1A	11	GAMT	2
PLAC9	3	LIMD1	11	PLA2G4E	2
CD36	3	SPATA13	11	EXPH5	2
PTPRJ	3	TBX4	11	MPG	2
PITPNM3	3	SLC1A3	11	DENND2A	2
TCF25	3	PRKCH	11	ELMO3	2
SVIL	3	FMN2	11	FAM41C	2
JMJD6	3	EBF4	11	EPN2	2
C17orf95	3	ANK3	11	NLRC5	2
RTN1	3	NEURL	11	C7orf13	2
GOLGA7B	3	GPR81	11	RNF32	2
ASF1B	3	HTR3A	11	PCDH1	2
BCAR3	3	SYTL3	11	PARN	2
EPS8L2	3	COL6A2	11	RGPD1	2
ZNF768	3	NEU1	11	C11orf41	2

RNF187	3	DGKG	11	IL16	2
GAD2	3	CLDN18	11	PRHOXNB	2
BRSK1	3	C7orf10	11	TNFAIP8	2
FAM13A	3	SOBP	11	SOLH	2
KIAA0415	3	NFKBIL1	11	SPHK1	2
PDZD4	3	STON1-GTF2A1L	11	ANKRD33B	2
SLC25A33	3	FRMD4B	11	PLEKHG6	2
SLC7A5P1	3	LAMB1	11	DHRS7C	2
HGFAC	3	ZNF516	11	LOC285045	2
CLEC14A	3	LOC100129637	11	NRXN2	2
TBC1D22A	3	AGPAT3	11	TRIM27	2
OR12D2	3	DSCR8	11	GFRA2	2
VAC14	3	FBXO31	11	CDR2L	2
HOXB3	3	GPR44	11	MATK	2
SNRPB2	3	RNF166	11	TAF1C	2
MIB2	3	PTAFR	11	ZNF530	2
PABPC1	3	SYTL1	11	EXOC3L2	2
CCDC37	3	EYS	11	CENPF	2
CDH3	3	CEBPE	11	LY6G5C	2
ADCY2	3	KATNAL2	11	CRTC3	2
CUL4A	3	HOXA4	11	ASGR1	2
COL24A1	3	STRA6	11	SLC1A5	2
CAMKK2	3	KAT2A	11	ADCK4	2
GPR1	3	RGS20	11	ITPKC	2
FMNL2	3	FHAD1	11	IDUA	2

PLCD3	3	LSM2	11	CPLX1	2
LOR	3	DOCK6	11	USP32	2
ADAMTS7	3	CCDC50	11	TRPM5	2
NCKAP5	3	MOV10L1	11	CYB561	2
MOV10L1	3	PTDSS2	11	LOC100128640	2
NRG1	3	SLC12A4	11	RAG2	2
YSK4	3	LOC146336	11	C11orf74	2
LHFP	3	COL22A1	11	NACAP1	2
IGF1R	3	CHN2	11	PSMB9	2
MTG1	3	PNOC	11	TAP1	2
DYNC1H1	3	RASGRF1	11	LHX4	2
CLIC1	3	HOXB5	11	ARHGEF17	2
ANKLE2	3	EPPK1	11	GJB6	2
KCNG2	3	MAPT	11	TRAF6	2
NCRNA00174	3	PROM1	11	PRKCB	2
FLJ43663	3	CUEDC1	11	LOC255025	2
STK32B	3	SOX13	11	NHSL1	2
CLMN	3	KCNK2	11	KCNH5	2
TBR1	3	TGFBR3	11	SCP2	2
TOP1P2	3	PBX2	11	PLA2G16	2
FLII	3	PKN1	11	WWP2	2
CHST15	3	SFRP1	11	FSTL4	2
WBSCR17	3	MYO9B	11	NADSYN1	2
CHMP1A	3	PTCHD2	11	GPR152	2
C19orf22	3	BET3L	11	ENTPD1	2

LRRC37B2	3	SSU72	11	NAV2	2
TIMP2	3	MAN1C1	11	ZNF773	2
ITGA11	3	SLC16A11	11	FABP6	2
HLA-DRB1	3	HLA-DQA2	11	LSM4	2
RFX4	3	CCDC108	11	SLC13A4	2
PRO1768	3	TNFAIP8L3	11	RGPD4	2
PCCA	3	CORO7	11	THOP1	2
FBXL13	3	C14orf73	11	ZDHHC7	2
RAP1A	3	TGM3	11	GRK5	2
RTN4RL1	3	ESPNL	11	TRABD	2
DECR2	3	RBM33	11	LOC100271836	2
DUSP4	3	CRAMP1L	11	TRIM5	2
SLC2A13	3	MPL	11	MOCS3	2
C6orf227	3	TSC2	11	DPM1	2
CASKIN2	3	LOC100132215	11	EPCAM	2
RGS20	3	IGF2R	11	SPI1	2
ZNF735	3	LRRC61	11	THAP4	2
SYCE1	3	FBXL17	11	MEGF8	2
ENPP7	3	SCN8A	11	TMIGD2	2
ZNF718	3	TP53AIP1	11	FAM82A1	2
DCAF6	3	FAM190A	11	EIF4G1	2
RAC1	3	PPAN	11	RCOR2	2
KCNU1	3	VAC14	11	PDE6B	2
SYT1	3	LY9	11	C16orf53	2
OR2B11	3	MAPK10	11	MVP	2

ABTB2	3	MAST3	11	C16orf71	2
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TEAD4	3	LOC285954	11	KIAA1908	2
TPPP	3	CYP26C1	11	COL9A1	2
DKFZP434K028	3	PLEKHA7	11	PREPL	2
SEMA5A	3	TBX2	11	CDK6	2
CYTSB	3	ACOT11	11	ZNF395	2
LOC100188947	3	RBM19	11	CCR2	2
EEF2	3	NEDD9	11	FAM21B	2
SNORD37	3	ALOX5	11	PRM1	2
IKBIP	3	KIF1A	11	RHBDF1	2
C1orf14	3	MRC2	11	GRRP1	2
ACTG1	3	KCNQ1DN	11	GLS	2
SPN	3	ERGIC1	11	ATG2A	2
CACNA1D	3	CPSF1	11	CCDC13	2
CBLN1	3	TRAF3	11	ZNF703	2
FAM131B	3	FBXL7	11	LTBP3	2
CCDC149	3	TMEM181	11	GLIS3	2
ZNF511	3	TRIM29	11	TRIM31	2
RGPD3	3	NXPH4	11	RAB17	2
VDAC3	3	CELSR3	11	ZC3H12C	2
ACTN2	3	DCBLD1	11	FAM129C	2
TCEA3	3	THBS1	11	SH2D4B	2
CCDC7	3	POR	11	EPHB2	2
L1TD1	3	MYLK4	11	AJAP1	2

GAGE2C	3	STX1A	11	PPP2R5E	2
GAGE2E	3	TPST1	11	CCR5	2
GAGE8	3	SLC22A11	11	TMEM123	2
CHST12	3	DLEU2	11	ATP6V0A2	2
PPT2	3	DLG4	11	GAL3ST2	2
FKBPL	3	GJC2	11	UBE2L6	2
PRKD2	3	GLT1D1	11	CALN1	2
GRK4	3	FBXO21	11	ARHGAP8	2
PDCD1	3	IFFO1	11	MICA	2
USP6	3	RDBP	11	NBR1	2
OSBPL3	3	CD6	11	SPNS2	2
A4GALT	3	PON1	11	MYBBP1A	2
PTP4A3	3	LRRC33	11	USP42	2
CLK2	3	FBN2	11	C7orf46	2
CMIP	3	FAM176A	11	AMOTL1	2
EVX2	3	AKAP13	11	RPGRIP1	2
LOC151174	3	ELANE	11	COIL	2
ANKS1B	3	AMBRA1	11	KIAA0284	2
LYPD1	3	PRAM1	11	ESAM	2
PTPN12	3	IGSF9B	11	SERAC1	2
NME2	3	ANKFY1	11	GTF2H5	2
NME1-NME2	3	LMX1A	11	NBR2	2
TMEM175	3	C22orf34	11	KRT5	2
COL9A3	3	AZI1	11	TTC23	2
ZBTB45	3	BAIAP2L1	11	TULP2	2

C20orf46	3	ITPR1	11	CCDC64B	2
MGAT4B	3	TNN	11	ITGB2	2
C7orf51	3	STC2	11	ASB13	2
LOC100101938	3	FLOT1	11	SNRNP27	2
DSCAML1	3	MDGA2	11	CCDC78	2
ADD2	3	CD37	11	POLG	2
HIST3H2BB	3	METRNL	11	LOC654433	2
ERICH1	3	OR2H1	11	SEL1L3	2
RBPM5	3	NEURL1B	11	FZD2	2
VARS2	3	ZMAT4	11	ADAM33	2
GLIS1	3	PPAP2B	11	HBA2	2
RBMS1	3	GJB1	11	TNFRSF13B	2
SHANK1	3	HYDIN	11	ZNF358	2
POLR3B	3	ZCCHC24	11	CGB5	2
PIGG	3	TRPM8	11	TNPO2	2
CACNA1B	3	RFX8	11	GRID1	2
BAIAP2L1	3	TCF23	11	ZFP41	2
FLJ12825	3	MAP3K5	11	ATF5	2
F2R	3	S1PR4	11	LOC404266	2
ZBTB17	3	NFIC	11	HOXB6	2
CALHM3	3	REXO1	11	MAP4	2
TRERF1	3	GABRB3	11	CPSF6	2
PRDM9	3	WIZ	11	DDC	2
BTBD11	3	ELF5	11	EMX2OS	2
MAPK8IP1	3	SOD3	11	FUK	2

ZNF324	3	CHST15	11	CD36	2
TRIM8	3	CLIP2	11	PTPRJ	2
KIF7	3	KCNIP4	11	NOC4L	2
FLJ41350	3	TUB	11	SOX8	2
TULP4	3	KCNJ15	11	TRPM8	2
C3orf21	3	FAT3	11	TSEN54	2
ADAM12	3	RAB7A	11	DBF4	2
NSA2	3	RHOBTB2	11	SLC25A40	2
CUL3	3	CAMKK2	11	GOLGA7B	2
RANBP17	3	C3orf27	11	ASF1B	2
ANKRD17	3	CYB561	11	CDKN1C	2
TBC1D9B	3	C10orf93	11	EPS8L2	2
STAU2	3	NRP1	11	NFKBIL2	2
EEF1E1	3	PCDH21	11	F10	2
CACNA1I	3	LHFPL3	11	ADSSL1	2
MAP3K14	3	SREBF1	11	ZC3H11A	2
FAM53C	3	SCD5	11	ADD1	2
CYP2B6	3	IFLTD1	11	UVRAG	2
CMPK2	3	LOXL1	11	FIP1L1	2
MYT1	3	EEF2	11	CREB3L2	2
WHSC2	3	LST1	11	PDZD4	2
WDR72	3	DAPK3	11	SLC25A33	2
CLASP1	3	CDK14	11	PRMT2	2
HIPK4	3	HNF4A	11	TULP3	2
ARHGAP26	3	CLASP1	11	C16orf45	2

FAM19A1	3	NRM	11	TRPM4	2
LTV1	3	CNTNAP1	11	CHRNA3	2
F7	3	C9orf25	11	MAGI2	2
GRIK5	3	CCDC40	11	ZNF469	2
PIK3CD	3	EHD1	11	HGFAC	2
MIDN	3	CD81	11	PTGES3	2
KIFC1	3	SH2D4B	11	SACS	2
PTCH2	3	ADCY2	11	NDUFB1	2
HOXC4	3	TUBGCP2	11	ENTPD4	2
RIMS3	3	ESRRB	11	CALM1	2
KIAA1949	3	KSR1	11	HEXIM2	2
TIAM2	3	KCNK9	11	MYADML	2
IL27RA	3	EPHB6	11	C12orf11	2
RANBP2	3	C10orf90	11	FGFR1OP2	2
GPR125	3	PTK6	11	EXOC2	2
TTC15	3	FLJ45983	11	DNAH12	2
HOMER3	3	TRPM1	11	DPP8	2
AKAP10	3	ADCY5	11	N4BP2	2
ODZ3	3	HDAC9	11	LAMA2	2
SLC29A2	3	SIM1	11	KIRREL3	2
TFF3	3	CFB	11	KLC1	2
GLRX3	3	SLC1A2	11	MRPS18A	2
PITX1	3	FLNB	11	GNG12	2
HIST1H4F	3	THEG	11	PLAC9	2
PIK3R5	3	LCK	11	SMYD3	2

CNNM4	3	MBNL2	11	ZNF33A	2
USP6NL	3	CLPTM1L	11	C16orf38	2
ADRB2	3	B4GALNT3	11	TRAPPC6B	2
PAQR5	3	PDE1A	11	EIF3A	2
CCND2	3	OR2L13	11	CCNY	2
DMTF1	3	CCDC149	11	CFB	2
VWF	3	DNM3	11	ARID1B	2
SIPA1L3	3	CYTH1	11	SEC23A	2
FOXK1	3	RTDR1	11	DGKD	2
SPIRE2	3	PLEKHG3	11	LOR	2
C1orf101	3	FAM19A2	11	DCTN5	2
ALPK3	3	CXCR1	11	PALB2	2
SYNJ2	3	C8orf56	11	TUB	2
TFPI	3	PEG3	11	NCKAP5	2
NEDD9	3	ITGB4	11	DCBLD1	2
APP	3	FAM189A1	11	KIAA1609	2
ESR1	3	PRDM1	11	DYNC111	2
PKHD1	3	TANC1	11	KIF3C	2
BRD1	3	ETV6	10	ZDHHC3	2
OTX1	3	AGPAT4	10	EXOSC7	2
C12orf26	3	MYO15A	10	VTRNA1-2	2
BRE	3	TDRD10	10	NR2E3	2
TRPV1	3	RIN2	10	TUBB3	2
FBXL8	3	GJB6	10	SLC22A12	2
FAM65B	3	CACHD1	10	EFNA2	2

CDKAL1	3	ZNF710	10	ZNF609	2
HADHB	3	KDM6B	10	PHLDB1	2
CDGAP	3	TMEM88	10	STK32B	2
PPARGC1A	3	SETBP1	10	CES3	2
CNTD2	3	RCVRN	10	ADCK2	2
ARHGAP12	3	LASP1	10	FANK1	2
FAM196B	3	COL12A1	10	TBR1	2
C21orf91	3	CMTM2	10	SMAD7	2
DPF3	3	ZFAT	10	ZBTB46	2
PRKCH	3	CACNA2D2	10	CHST15	2
CD82	3	KCP	10	LIN7A	2
PRDM11	3	WNT3	10	LOC284379	2
JARID2	3	SPIRE2	10	VAC14	2
SYT15	3	JAK1	10	C14orf28	2
DNER	3	FLJ23834	10	GRID2IP	2
KIAA1211	3	CLRN1OS	10	OR5I1	2
FTCD	3	P2RX1	10	RHOQ	2
HLA-F	3	SPNS2	10	COPS5	2
CNN2	3	PLEKHG1	10	STAT3	2
LETM1	3	HOXA2	10	ERBB2	2
TPT1	3	DZIP1L	10	DNAJB1	2
SLC37A1	3	C17orf101	10	SLC39A4	2
CCND1	3	IL32	10	ZNF92	2
SGTA	3	KPRP	10	JPH4	2
RICS	3	FLJ32810	10	DUSP4	2

HLA-E	3	CLDN14	10	FADS3	2
TSPAN14	3	LDLRAD2	10	GALC	2
NEDD4L	3	CUBN	10	C6orf227	2
TP53AIP1	3	SCOC	10	CASKIN2	2
RNF166	3	MGAT4C	10	GMFG	2
INSC	3	KIF13B	10	ARHGAP19	2
KLHDC4	3	PDE8A	10	TERF2	2
KIAA1244	3	GABRG3	10	HSD3B7	2
PRDM15	3	MTMR11	10	ZNF735	2
SOX2OT	3	NR1H3	10	CARKD	2
GLI3	3	YWHAG	10	FTSJ3	2
BEGAIN	3	CCDC102A	10	TNN	2
PPAT	3	SPNS3	10	PHF14	2
EIF3H	3	AK5	10	CHRM1	2
TBXA2R	3	P4HB	10	NRD1	2
CRLF1	3	SLC12A9	10	KSR2	2
WDR89	3	DNM1	10	SPPL2B	2
RRM1	3	PRKCE	10	FLJ45983	2
SLC25A13	3	DOCK4	10	GATA3	2
ST18	3	ALX4	10	TBX6	2
MIMT1	3	NFATC2	10	RELL1	2
KIAA1409	3	NRBP2	10	KCTD5	2
LCK	3	CDH15	10	HCG27	2
UTS2D	3	SH2D3C	10	KCNU1	2
C6orf105	3	GTF2A1L	10	SYT1	2

NEK4	3	ERBB2	10	MKRN1	2
C11orf54	3	HIPK4	10	C7orf57	2
TBC1D1	3	PLCG2	10	FGFR1	2
PTTG2	3	ANO10	10	CLOCK	2
RELL2	3	LRP1B	10	MAP2	2
RNF130	3	HLA-F	10	SLC6A19	2
ARHGEF10L	3	CRABP1	10	CYTSB	2
WNT5B	3	TPM1	10	C5orf49	2
PPM1H	3	WDR90	10	DNPEP	2
ITGA4	3	HCG18	10	TMEM62	2
ZNF438	3	MDFI	10	MLLT10	2
SEPT4	3	C5orf36	10	BRWD1	2
AGPAT1	3	JPH2	10	LOC100188947	2
FLJ35220	3	SALL1	10	SMURF1	2
DGKE	3	CDK2AP1	10	C1orf14	2
ATRNL1	3	UTS2D	10	TNFAIP3	2
ERC2	3	EMX2OS	10	PCNT	2
ANO2	3	DCN	10	ATXN7	2
GABARAPL1	3	C7orf20	10	FZD8	2
MYO18A	3	C8orf46	10	DTWD1	2
PDE10A	3	SLCO4A1	10	ATP4B	2
SPAG1	3	RASGEF1A	10	MXI1	2
NRXN1	3	TBC1D22A	10	PABPN1L	2
GGA3	3	EN1	10	CBLN1	2
FAM176A	3	FOXI1	10	CEP63	2

SLC25A17	3	LATS2	10	RASSF1	2
STOX2	3	ABP1	10	ZNF511	2
NELL1	3	C2orf85	10	RGPD3	2
SRRM3	3	HTRA4	10	DMRTA2	2
CUBN	3	SLC17A9	10	ACTN2	2
JAK3	3	PADI4	10	CCDC7	2
MGAT5B	3	IPCEF1	10	AHDC1	2
SLC28A2	3	ELK3	10	SLC25A26	2
ROR1	3	SNORA38	10	SNX8	2
RPS18	3	LMNB2	10	ZNF117	2
RAD54B	3	OSBPL6	10	CRIP2	2
PHIP	3	GRIN2B	10	GRK4	2
FLJ45340	3	SOX7	10	ARID5B	2
FLNB	3	ASXL2	10	C7orf53	2
SSC5D	3	DGKQ	10	TBC1D22A	2
DPY19L1	3	TLX1NB	10	LUC7L	2
NCLN	3	ZC3H12A	10	GYG1	2
CARD14	3	STAU2	10	SLC35F3	2
CNTNAP1	3	GRID2IP	10	BRUNOL4	2
ACCN1	3	EPB49	10	C10orf54	2
WIZ	3	KIF1B	10	OSBPL3	2
CDC42BPB	3	IFFO2	10	SON	2
DIRC3	3	WNT7B	10	GIMAP8	2
CACHD1	3	PADI1	10	NAP1L4	2
UNC5A	3	FBXL19	10	MRI1	2

AP3D1	3	PCNXL2	10	LOC285780	2
EHD4	3	C10orf116	10	KIAA1841	2
PCDHGC4	3	PXN	10	WIP1	2
FAM83C	3	CNN3	10	COX4I2	2
SGSH	3	GRIN1	10	IMMP2L	2
AP1B1	3	LY6D	10	CLPTM1L	2
TNS3	3	GLP2R	10	PTF1A	2
EN1	3	LAMA5	10	PTPN12	2
OR4A15	3	TCF3	10	ITGB3	2
PDE2A	3	EPS8L2	10	PP14571	2
C22orf45	3	RUNDC3A	10	EPPK1	2
ZNF311	3	UNC80	10	TMEM175	2
UTS2R	3	TBL1XR1	10	SLC7A11	2
TMEM108	3	MRGPRE	10	SLC22A15	2
DAXX	3	BHLHE40	10	LRRC43	2
CREM	3	UBE2I	10	S100A11	2
AGPAT6	3	BRD1	10	CCNC	2
ATP2A3	3	DHX16	10	CASKIN1	2
RGL2	3	BDNF	10	LOC100101938	2
RXRA	3	ATP4B	10	SNAP29	2
ZBTB9	3	ACTR3C	10	DSCAML1	2
MCL1	3	IGFBP7	10	PTPN21	2
CTNNA3	3	FGF12	10	ADD2	2
ZNF716	3	CXCR5	10	HAGH	2
PLEKHA8	3	FAM155A	10	FAHD1	2

IGSF21	3	FGD5	10	ANKRD53	2
FREQ	3	IL5RA	10	TBC1D2B	2
C8orf34	3	INPP4B	10	PPIE	2
N6AMT2	3	STARD3	10	TSPAN18	2
GRIP2	3	CIITA	10	RNF222	2
SLC8A3	3	KIF19	10	CACNA2D4	2
EHMT1	3	HSF2BP	10	SPEN	2
LOC100133612	3	RASIP1	10	RMST	2
CENPP	3	KIAA0664	10	LAMC1	2
DLG2	3	ALDH3B1	10	AGAP5	2
NACC2	3	BMPER	10	PRO1768	2
GMCL1L	3	NRN1	10	SHROOM1	2
SHROOM3	3	ZNF718	10	ATXN1	2
BARX1	3	IL6R	10	WDR45L	2
DNM1	3	ANGPT1	10	ZMYM2	2
TSPAN5	3	KLHDC4	10	BRCA1	2
TRIM29	3	C15orf62	10	BUB1	2
LMX1B	3	KIAA1274	10	BSND	2
KLHL6	3	CASP8	10	TECPR2	2
RAB37	3	ALOX12P2	10	CINP	2
FHIT	3	TNFRSF10C	10	IGSF9B	2
FAM69B	3	KIF21B	10	MAPK8IP1	2
SRD5A1P1	3	PTP4A3	10	KCNQ1OT1	2
SLC22A3	3	PRSS8	10	NOL10	2
PTPN6	3	BATF	10	FGF18	2

EPHA5	3	C7orf58	10	ZNF324	2
MAPT	3	RASAL1	10	KCND3	2
DNAH8	3	OXT	10	RSU1	2
ROBO1	3	SUSD2	10	TTLL5	2
LAMB3	3	KLHL6	10	MAPK11P1L	2
KCNIP2	3	PP14571	10	C2orf54	2
AFAP1	3	GRIP2	10	CDH13	2
FAM46B	3	SMTNL2	10	KCNQ4	2
SGIP1	3	CAST	10	DTNB	2
ZSCAN5A	3	RFTN2	10	TULP4	2
B9D2	3	GRIP1	10	GFM2	2
C19orf47	3	MAFK	10	NSA2	2
NINJ2	3	PAX3	10	ZKSCAN3	2
BANK1	3	CADM3	10	EPHB1	2
LRRC4	3	TTC7A	10	RANBP17	2
B4GALNT4	3	MB	10	CASP8AP2	2
TXLNB	3	DLX4	10	NUMA1	2
HS6ST3	3	ABI3	10	LRTOMT	2
ICOS	3	LIN7A	10	CACNA1I	2
C6orf221	3	BTBD9	10	TRERF1	2
SLC4A11	3	CYP19A1	10	MAP3K14	2
TRPC4	3	UACA	10	LRRC7	2
DFFB	3	GPT	10	BCL6	2
RPP25	3	ST18	10	HMGB1L1	2
CHID1	3	NTNG2	10	EVX2	2

RBM20	3	CASR	10	FRAT2	2
GJA3	3	CECR1	10	MEIS2	2
IL20RA	3	DLK1	10	SAMD4A	2
USP29	3	NEU4	10	CDC20B	2
MFSD4	3	MAP1B	10	MIR449C	2
HIST1H4L	3	PITX1	10	BRD4	2
CXCR5	3	MAMSTR	10	SCARNA27	2
HIP1	3	C1orf150	10	BMP6	2
TLN2	3	TGFB3	10	PDE1A	2
SLC6A6	3	KIF25	10	LOC282997	2
DCTN2	3	ISLR	10	COG3	2
PRX	3	DAGLA	10	WHSC2	2
LPAR2	3	AZU1	10	WDR72	2
SCN4A	3	HSF4	10	KLHL17	2
WNT7A	3	PDGFRA	10	ERBB4	2
ARHGAP15	3	TTYH2	10	PTPRF	2
HCG4	3	AVP	10	HIPK4	2
FNDC3B	3	CCL14-CCL15	10	NFATC2	2
EFNB1	3	RSPH6A	10	FGD5	2
TCF7L1	3	NEURL3	10	CPS1	2
ZBTB47	3	ALPK1	10	MUC21	2
FLJ25363	3	SCN5A	10	CHCHD1	2
C10orf105	3	SH3TC1	10	SCARA3	2
IL6R	3	NPR3	10	ACADSB	2
ARHGAP10	3	P2RY6	10	ZNF28	2

CNTNAP5	3	GATA6	10	CASP10	2
C10orf140	3	RINL	10	PLOD1	2
SLC38A10	3	ASB4	10	MAST3	2
PRKACA	3	SLC26A1	10	CBX4	2
ARSB	3	LYNX1	10	CIB4	2
SYT3	3	SLC44A2	10	MUM1	2
PALLD	3	NFIA	10	SCD5	2
FAM101A	3	ARMC9	10	NHP2	2
PRDM8	3	SLC45A1	10	TXLNA	2
LRRK1	3	CDH22	10	EFCAB5	2
PTPN9	3	TMEM132C	10	SNORD114-22	2
C17orf98	3	CLIC6	10	GALR2	2
REXO1	3	NACC2	10	SPATS2	2
GUSBL1	3	FBXL13	10	GTF2IRD1	2
ITGAE	3	RAB34	10	INTS6	2
PDCD6	3	FLJ39609	10	FAM135A	2
LOC646762	3	UBE2O	10	ILF3	2
UCKL1	3	PEMT	10	LOC147727	2
ASPG	3	SPON1	10	PVRL2	2
RCBTB2	3	IDO2	10	CELSR3	2
HGC6.3	3	NOX5	10	NRF1	2
LOC100329109	3	PLXND1	10	IKZF1	2
RASGEF1C	3	GP9	10	FDXR	2
GRK1	3	IMMP2L	10	OSR2	2
PRR4	3	CYGB	10	CLEC16A	2

GPC2	3	SRGN	10	BCL11B	2
GRB2	3	CD34	10	EIF1AX	2
BIN2	3	NCLN	10	CCDC79	2
SLC41A3	3	ITGAL	10	EPS8L1	2
PNPLA8	3	MMRN2	10	F2RL3	2
FLJ39609	3	DLX6AS	10	ZDHHC8	2
CNN3	3	MRGPRF	10	ST6GALNAC2	2
OR8U8	3	MYO1E	10	LOC151174	2
NLRP2	3	CXCR2	10	SWAP70	2
ALG12	3	RAC1	10	SYDE1	2
TBCA	3	BCAR3	10	PLA2G2A	2
SPARC	3	C20orf26	10	ENTHD1	2
PHYH	3	NPC1L1	10	VENTXP1	2
CEND1	3	ZDHHC1	10	FAM3A	2
PCDHAC1	3	ACVRL1	10	CIRH1A	2
EPHA6	3	GRIN2D	10	SLC16A8	2
BOP1	3	MAP1D	10	PUS7	2
RBL2	2	GPR124	10	ZNF57	2
EIF4A1	2	TCEA2	10	CAPN2	2
SENP3	2	FILIP1	10	ABCC12	2
CABYR	2	ABCC8	10	PLOD3	2
ZFHX4	2	BEST3	10	CNBD1	2
CAGE1	2	ALPL	10	WDR37	2
MYBL1	2	ELF3	10	MUC4	2
CHPF	2	EPHA2	10	RNF141	2

ZNF627	2	GATA5	10	HOMER3	2
PRMT8	2	ASGR1	10	FRG2B	2
ATP1B3	2	HLCS	10	NAALAD2	2
HOOK2	2	UBASH3B	10	ARHGAP22	2
ONECUT1	2	LTBP2	10	NECAB3	2
HOTAIR	2	ART3	10	COL29A1	2
PIGV	2	BTBD2	10	C10orf79	2
LHX6	2	RGS10	10	TMEM104	2
RTN2	2	FKBP5	10	RTN4R	2
FLJ40125	2	COL7A1	10	TTYH2	2
PXDNL	2	ASB1	10	PKP3	2
PPAP2A	2	OPRL1	10	HIST3H2BB	2
WDR35	2	MBD3	10	HIST3H2A	2
PLXNB2	2	AGBL4	10	ULK4	2
TTYH3	2	ENTPD1	10	FAM111A	2
CDC42BPA	2	GRAMD1B	10	SPIRE2	2
MAGEA12	2	EXOC6B	10	MBD3	2
CSAG1	2	PLXDC2	10	C1orf101	2
UBE2F	2	ONECUT2	10	PCTP	2
EPHA8	2	ADAM19	10	STARD10	2
C20orf43	2	HCG22	10	TIAL1	2
HS3ST3B1	2	ODF3L2	10	HIST1H3I	2
MGC12916	2	KCNN4	10	HTRA3	2
TK2	2	KCNJ5	10	RASAL2	2
EP300	2	PCNT	10	MAP3K3	2

TAGAP	2	VAT1L	10	NEDD9	2
MCM5	2	DMRTA2	10	MGAT4B	2
ECH1	2	SLC39A11	10	DRD3	2
A2BP1	2	ATG16L2	10	TBC1D8	2
NCRNA00164	2	LGALS12	10	PPP1R2P1	2
C20orf123	2	FAM129C	10	ASB1	2
TAF11	2	TRPV3	10	MPZL1	2
ANKS1A	2	ST3GAL3	10	IL7	2
MIR375	2	NFE2	10	SNIP1	2
RABEP2	2	LCP2	10	C11orf49	2
FAM59A	2	MICA	10	BRD1	2
TRIM56	2	DISC1	10	SH2B2	2
KLF5	2	HOPX	10	NLK	2
ARHGAP24	2	DPP10	10	C12orf26	2
RPP21	2	IL4I1	10	C3orf21	2
PRR3	2	CRIP2	10	SGK2	2
PUF60	2	NGEF	10	CLIP2	2
RNLS	2	POU2F2	10	BRE	2
TERF2IP	2	RPS6KA4	10	SEC14L1	2
KARS	2	LRRC2	10	IL12RB2	2
CYP24A1	2	CDKN1C	10	TRPV1	2
ST3GAL4	2	CYP26B1	10	EXOC6B	2
NSMCE2	2	CD248	10	PDCD1	2
SFRS11	2	LOC100130238	10	CDKAL1	2
FSD1	2	GRHL3	10	APOL2	2

VWA3A	2	GALNTL6	10	PSIP1	2
C11orf87	2	DLGAP1	10	HADHB	2
SAAL1	2	GUCY1B2	10	HADHA	2
EPS8	2	ITIH1	10	ATMIN	2
ABCB9	2	HOXA11	10	THBS2	2
TYSND1	2	CTDP1	10	PDE6A	2
DDA1	2	BEST1	10	ARHGAP12	2
CCDC129	2	MPPED2	10	FLNA	2
FAT1	2	LOC283050	10	GABRA5	2
SLC27A3	2	PRKCDBP	10	THSD1	2
ARL15	2	RTL1	10	ANKRD54	2
PITRM1	2	FAM102A	10	GABARAPL3	2
PGR	2	MTMR7	10	DPF3	2
HLA-DRB5	2	SPARC	10	CCDC121	2
MT1H	2	PRSSL1	10	GPN1	2
ERLIN2	2	VWA3B	10	GABRB1	2
TUBA3D	2	LGR6	10	CTPS	2
CAB39L	2	HSPA1L	10	CD82	2
SH2D1A	2	CD93	10	JOSD1	2
RDH14	2	RAPSN	10	SPAM1	2
SERINC4	2	RNF39	10	ZNF680	2
C15orf63	2	C6orf122	10	YPEL3	2
MMADHC	2	SSC5D	10	NR2F6	2
GDF2	2	TREML2	10	FGF8	2
CENPT	2	CD82	10	ZNF814	2

LTA	2	FOXI2	10	VIPR1	2
MIR339	2	HAL	10	ANGPT1	2
ANKRD20B	2	MYO18A	10	AHCYL2	2
TMEM167A	2	VPS52	10	ZNF813	2
CXorf36	2	C4orf22	10	SYNM	2
TAF15	2	LRFN1	9	ZNF385A	2
MLLT11	2	TMEM49	9	PRR16	2
CDC42SE1	2	C12orf34	9	CLDN11	2
EFEMP1	2	WDR86	9	SLIT3	2
APOC1P1	2	TCF12	9	SSBP3	2
DMRTC2	2	C16orf81	9	C11orf80	2
DIRAS3	2	CUTA	9	HLA-E	2
GPR12	2	RNF213	9	INCENP	2
RRN3	2	PTPN14	9	WDR69	2
STK19	2	IL17REL	9	NEDD4L	2
DOM3Z	2	FBXW8	9	MAPK14	2
MEOX1	2	FCER2	9	PDE8A	2
ACOT4	2	ELFN2	9	PART1	2
SHISA6	2	ZNF365	9	ACAT2	2
RPUSD1	2	TTC15	9	PLXNA4	2
SNORD83B	2	CLSTN1	9	NQO2	2
DYDC2	2	LOC401127	9	CKAP5	2
CATSPER2P1	2	HERC2	9	MPPE1	2
SDF4	2	C1QL1	9	FAM173A	2
NSUN5	2	TRAM2	9	BCL7B	2

CHD3	2	TBX5	9	VWF	2
NCALD	2	CDSN	9	GLI3	2
EP400NL	2	TMEM132E	9	UBAC2	2
KRTCAP3	2	PSD4	9	PASK	2
NRBP1	2	HS3ST3A1	9	BEGAIN	2
LRRC24	2	C10orf72	9	PPHLN1	2
C2orf56	2	TFEB	9	TSNAX-DISC1	2
TJP2	2	LRIG1	9	DISC1	2
DPEP2	2	PLA2G4D	9	MSH6	2
C12orf40	2	C1orf200	9	VOPPI	2
ABCC2	2	MAS1L	9	AMIGO2	2
LAMA3	2	KIAA0748	9	RRAGC	2
RUNDC2C	2	CHRNA4	9	NT5E	2
PAPOLA	2	RNF216	9	ZFR2	2
IKZF3	2	ALDH3B2	9	FARS2	2
GAD1	2	DNAH5	9	ZNF423	2
RBM47	2	NSMCE2	9	ENPP7	2
C20orf117	2	CMKLR1	9	SNX25	2
ST3GAL1	2	SHOX2	9	RRM1	2
TMPRSS2	2	GRM2	9	KIAA0232	2
ATG4B	2	CPEB1	9	ST18	2
RPLP1	2	SKAP2	9	CHST12	2
DLX6AS	2	NFAM1	9	ATN1	2
ZNF433	2	DCHS2	9	RWDD2A	2
LOC100240726	2	NADK	9	PGM3	2

GART	2	GJB2	9	ZNF219	2
MGC23284	2	SNAP47	9	C7orf20	2
CRYM	2	SETD1B	9	ADAM15	2
IGLL1	2	HOXA11AS	9	ICA1L	2
CTNND2	2	AKT3	9	LOC100133315	2
C1orf25	2	ANKRD53	9	CDH24	2
C1orf26	2	ARL15	9	C6orf105	2
PSAP	2	RD3	9	MFSD2A	2
OXNAD1	2	DAGLB	9	PANK4	2
SELT	2	HLA-DRB5	9	NUDT9	2
PDLIM5	2	GPR45	9	SLC4A2	2
FMNL1	2	EXOC3L2	9	GUCY1A2	2
CARD9	2	SLC9A1	9	C11orf54	2
MIR495	2	ZAK	9	EPHB6	2
LSM14B	2	LRCH1	9	TBC1D1	2
FLJ43950	2	ACP5	9	PTTG2	2
CLK2P	2	CBX4	9	MDFIC	2
CAPS	2	PLAT	9	RNF130	2
TAOK3	2	LOC729991-MEF2B	9	CIB1	2
HEATR7A	2	OTOF	9	C15orf58	2
ANXA4	2	EPHX1	9	ARHGEF10L	2
IMP5	2	ZP3	9	WNT5B	2
IRS1	2	UCKL1	9	ROBO4	2
WDR51B	2	HHAT	9	PPM1H	2
PABPC3	2	HOXC6	9	ITGA4	2

OR2V2	2	CPT1A	9	ODF3B	2
CDH1	2	HMCN1	9	ZNF438	2
USP43	2	HSPB9	9	SEPT4	2
NHLH1	2	SKAP1	9	OPLAH	2
NDRG2	2	C2	9	PLXNA2	2
DCST1	2	C11orf9	9	HNRNPA0	2
SSX8	2	FGFR4	9	C7orf27	2
AFARP1	2	MEOX1	9	TACC2	2
WIPI2	2	AQP1	9	FLJ90757	2
CDCA7L	2	LOC84740	9	GPR84	2
ABTB1	2	SLC12A5	9	CLCA4	2
POM121	2	GRIA4	9	CRYAA	2
ATG9B	2	IRGC	9	RARB	2
LOC550643	2	PLXNA1	9	PTENP1	2
MARCH3	2	ZFP64	9	SORL1	2
C1QTNF8	2	MSH5	9	ATRNL1	2
FHL2	2	ANO8	9	ERC2	2
LOC84740	2	GUCA2B	9	FAM83E	2
MT4	2	MBNL1	9	TSPAN14	2
AGXT2	2	C7orf51	9	B3GAT1	2
CEP120	2	EIF4A2	9	NEK4	2
SLC7A9	2	KCNE4	9	COL6A1	2
NAALADL2	2	CD86	9	ZNF22	2
GNAT1	2	ZNF100	9	MYO18A	2
APOA2	2	GRTP1	9	SPOCK2	2

ETHE1	2	LAMA3	9	TRAF4	2
DSCAM	2	RAPGEF5	9	C1orf203	2
HIPK2	2	WHSC1	9	ATP1A1	2
PDLIM1	2	TRRAP	9	BTNL8	2
ADCY9	2	SSBP4	9	FGD6	2
MIRLET7A3	2	C2orf34	9	TTLL8	2
LOC400931	2	WNK2	9	BRUNOL6	2
MIRLET7B	2	TOX3	9	RNF24	2
MED12L	2	TBC1D1	9	ALPK3	2
CYP46A1	2	SPATC1	9	DLG5	2
IFI27L1	2	SMAD7	9	FAM60A	2
NPAS3	2	ITGA9	9	JAK3	2
MTA3	2	FAM66A	9	MGAT5B	2
STOX1	2	VNN1	9	ATP2A1	2
CRAMP1L	2	FAM83E	9	RAB10	2
BBX	2	ATP8B4	9	CUL1	2
C14orf102	2	NIN	9	TTN	2
BSCL2	2	PROZ	9	SLC1A3	2
GNG3	2	ANXA4	9	PAX6	2
HDAC10	2	DHRS7C	9	TCF7L2	2
USP34	2	AMPH	9	MPO	2
TAL1	2	MAFG	9	ACOT11	2
MIR662	2	UNC84A	9	VPS52	2
BTBD6	2	NR5A2	9	RPS18	2
C10orf4	2	RNF135	9	RAD54B	2

MGC13005	2	C5orf13	9	LINGO3	2
ADAM11	2	ADCY4	9	WDR8	2
RNF14	2	RIPK3	9	PLD1	2
POLD3	2	USH2A	9	HDAC2	2
TPK1	2	PDPK1	9	HSDL2	2
SNORD12	2	MARCH3	9	PRDX5	2
LOX	2	C3orf59	9	TRMT112	2
LOC401127	2	CNGB1	9	SAFB2	2
MORN3	2	ITGA6	9	HTR7P	2
TMPRSS3	2	C8orf73	9	ERI3	2
GDF1	2	EHD2	9	TIMP2	2
LASS1	2	C10orf71	9	SLC37A1	2
PGAM1	2	TBX10	9	MBTD1	2
ZP3	2	RBP1	9	PLEKHA3	2
SQSTM1	2	CRISP2	9	CDC42	2
SIK1	2	KCNG2	9	TBC1D10C	2
PLEKHA1	2	SMOC1	9	MFI2	2
ZC3H14	2	NKD2	9	MACROD1	2
GXYLT1	2	PNPLA7	9	UXS1	2
RNF126	2	CCNJL	9	TRIB2	2
ZNF549	2	SEPT11	9	KRT72	2
ANKRD1	2	UCN3	9	MTSS1L	2
FAM155A	2	SPSB4	9	LOC731779	2
GIF	2	LEPREL1	9	ONECUT2	2
NSMAF	2	HORMAD2	9	HSPG2	2

USP49	2	HTRA1	9	CRTC1	2
FOXJ1	2	THRB	9	RHOC	2
RFC5	2	ANTXR2	9	SLC25A24	2
CCR1	2	SUGT1P1	9	AMMECR1L	2
SDC1	2	PML	9	CLDN19	2
ARHGDIG	2	BEND7	9	DNAH11	2
PDIA2	2	KCNE1	9	OR2L13	2
GXYLT2	2	PLEKHM3	9	DYX1C1	2
PPP3CC	2	HTR2A	9	PHF21A	2
TMEM209	2	RNU5E	9	MRC2	2
DUSP9	2	RNU5D	9	KIFC1	2
SLC5A4	2	DLX1	9	ALPL	2
OR2M1P	2	SLC7A8	9	C2CD2	2
TIAM1	2	PINX1	9	DHX58	2
ACAA1	2	MIR145	9	FAM83C	2
KRT17	2	TIMP3	9	TTLL2	2
BMP7	2	AIRE	9	UBA1	2
VWCE	2	VWCE	9	INE1	2
ZNF821	2	GDPD5	9	ZBTB45	2
ATXN1L	2	C3orf72	9	TNS3	2
NT5M	2	SLC1A5	9	DGCR2	2
RASIP1	2	TMEM51	9	FBXL4	2
TLR9	2	TEX14	9	ZNF521	2
MDH1B	2	C6orf186	9	TNIK	2
SH3BGRL3	2	DLX5	9	MAP2K5	2

NFASC	2	CYP2F1	9	CHD9	2
HS1BP3	2	UCN	9	TMEM201	2
TEX14	2	EIF4E3	9	RPN1	2
S100A8	2	ITFG3	9	PRF1	2
TIMM44	2	TSPAN14	9	HOXA3	2
ZIC2	2	TEAD3	9	FLJ40852	2
HRAS	2	SLC24A4	9	BTN2A3	2
C3orf37	2	CRTC1	9	HOXB2	2
CCDC109B	2	MT1G	9	INSC	2
BTBD3	2	RECQL5	9	OPA3	2
WDR81	2	FLYWCH1	9	NCLN	2
SLC12A8	2	C11orf36	9	LAP3	2
SNORD32B	2	MDFIC	9	CLPB	2
HTR6	2	CX3CL1	9	GPR44	2
SLC44A2	2	NLRP7	9	C22orf45	2
PSMD13	2	BCL9L	9	STAG3L4	2
BTBD9	2	IDUA	9	LAMC2	2
U2AF2	2	HS3ST4	9	MYO1D	2
FCGBP	2	PPFIBP2	9	MOCS2	2
BRAF	2	ZIC1	9	DOK6	2
TMEM163	2	MS4A3	9	TTLL1	2
NT5C	2	MED13L	9	OR14J1	2
ABCA9	2	SUCLG2	9	C1orf70	2
HIST1H4G	2	GALNTL2	9	GCET2	2
DLL3	2	AMOTL2	9	APOLD1	2

BFSP2	2	RCCD1	9	CREM	2
MIR548G	2	SPTB	9	TRIM46	2
BAIAP3	2	KLHL33	9	KRT35	2
ODF1	2	AIF1	9	ST6GAL2	2
ENPP1	2	KLHL14	9	U2AF1	2
XKR4	2	SNCA	9	MOGS	2
BCL9L	2	URGCP	9	RASA2	2
MIR636	2	ADARB1	9	PDGFRA	2
SFRS2	2	NMNAT3	9	SEMA4C	2
MFSD11	2	AKT1	9	CARD10	2
LPHN1	2	ZAP70	9	DHX37	2
BLVRA	2	KANK2	9	RFPL2	2
MIR329-1	2	TRAF5	9	STARD13	2
MIR758	2	RCSD1	9	PYROXD1	2
RPL36	2	CCDC140	9	ID2	2
SMARCC2	2	NGF	9	PAICS	2
GCSH	2	TECTA	9	TRHDE	2
LOC100329108	2	LRRN2	9	HMGA2	2
ATP6V0C	2	VPS37B	9	TXNDC16	2
RNASE11	2	LOC100130776	9	TAF7L	2
KLK8	2	LOC283867	9	C10orf26	2
ZFYVE21	2	ANKRD55	9	TSSK1B	2
MTRR	2	LAMA2	9	ZAK	2
FASTKD3	2	MFSD7	9	PCDHA6	2
PTCRA	2	KLF7	9	PCDHA2	2

MYO1H	2	MAP1LC3B2	9	PCDHA1	2
FBLN7	2	SOST	9	PCDHA9	2
RNPS1	2	ARRB1	9	PCDHA7	2
C16orf81	2	TMEM105	9	PCDHA5	2
BTBD7	2	PDZD2	9	PCDHA10	2
LSM5	2	ARHGEF16	9	PCDHA3	2
SMTNL2	2	ATP2B4	9	PCDHA4	2
FAM89A	2	OSBPL1A	9	PCDHA8	2
C18orf20	2	SLC7A14	9	ZNF716	2
WDR82	2	C9orf3	9	PKHD1	2
AASS	2	MCTP1	9	FGFR1OP	2
AKT1	2	PILRA	9	LOC145845	2
NTF3	2	NAP1L4	9	RUSC2	2
PEMT	2	ARHGAP12	9	ACVR1B	2
CCDC83	2	LY6G6D	9	CYS1	2
OTUD7A	2	SIX3	9	PCCA	2
GF11	2	IGFBP3	9	LGALS12	2
PON2	2	PAX5	9	DYRK2	2
SCGB1D1	2	FBXL8	9	WNT7B	2
FGFR3	2	SRPK2	9	MUTYH	2
MTERFD2	2	C17orf64	9	TOE1	2
HOXB13	2	FAM168A	9	C15orf52	2
YTHDC1	2	LY86	9	PITPNM3	2
HLA-DPA1	2	SP6	9	C14orf153	2
RAGE	2	ADORA2A	9	EBF4	2

ZNF696	2	KIAA0922	9	TPP2	2
ITPKA	2	KLC1	9	PLA2G4C	2
RCSD1	2	SH3BP5	9	EDF1	2
MCAT	2	H6PD	9	ZNF7	2
SYCE2	2	HHIPL1	9	EHMT1	2
POLR2L	2	CASQ1	9	CARM1	2
MYLK	2	KIRREL	9	LRCH1	2
C17orf90	2	EGFR	9	FAM125B	2
DHRS4L2	2	TCIRG1	9	GTF3C5	2
ZNF506	2	MOBKL2A	9	MATR3	2
KIAA0748	2	SH3GL1	9	PTGES2	2
MGC23270	2	AGBL1	9	NR5A1	2
SCTR	2	MGC45800	9	KALRN	2
ATP9A	2	FAM53A	9	DIAPH2	2
TNFAIP8L2	2	SHC2	9	BTBD2	2
GOLGA2L1	2	USP43	9	NTN5	2
UBE2QL1	2	CDK15	9	SEC1	2
MT2A	2	PRICKLE1	9	AKAP8	2
MST1R	2	CCDC33	9	BAX	2
MATN1	2	RGS7	9	NDUFB6	2
SEMA3E	2	OTP	9	TSPAN5	2
MAB21L1	2	TNIK	9	STXBP4	2
BEND3	2	RHOBTB1	9	RANBP6	2
ASCL4	2	EFCAB4A	9	VAV2	2
ZNF765	2	EPHB3	9	TRIM29	2

SLC27A1	2	BDH1	9	CAMSAP1	2
CDC10L	2	COL9A2	9	PALM2-AKAP2	2
LZTS2	2	TTN	9	KRT73	2
ALX3	2	LAG3	9	FGFBP1	2
WFDC5	2	FAM83A	9	C2orf46	2
C16orf58	2	AHNAK2	9	CD84	2
FAM198A	2	B4GALNT4	9	ZNF493	2
FAM19A2	2	C2orf55	9	LMX1B	2
RET	2	ITM2C	9	WDFY4	2
SCN2B	2	C2orf54	9	KTN1	2
LITAF	2	GPR4	9	WDR5	2
PAR6B	2	CTNNBIP1	9	CALML5	2
OSBPL10	2	C14orf180	9	RGS3	2
OR5V1	2	LOC100133545	9	BAD	2
GSTA3	2	CYP11A1	9	GPR137	2
RPF1	2	C1orf198	9	APOE	2
SLC1A4	2	CYP21A2	9	DAPK1	2
PCSK1	2	PLD4	9	ZNF837	2
CYB5B	2	CD58	9	FHIT	2
UBE2I	2	RNLS	9	PARK7	2
BMPRI1B	2	BLNK	9	KCNC1	2
RAC2	2	STAT5A	9	FAM190A	2
AFAP1L2	2	SNORD115-10	9	APBA1	2
GPC6	2	IL18BP	9	RALGAPA1	2
C14orf45	2	MIR412	9	RASGEF1A	2

CD38	2	SCUBE3	9	FTCD	2
FAM49A	2	LYL1	9	GRIN1	2
LOC349114	2	ITGA7	9	WNK2	2
TMEM156	2	NADSYN1	9	NBEAL1	2
NFATC2IP	2	IL16	9	MAPT	2
UGGT2	2	ESPNP	9	DNAH8	2
FLJ23834	2	PLEKHG6	9	CLCNKA	2
MYO3A	2	CAPN1	9	FAS	2
FBRS	2	IGF2BP2	9	DPH1	2
CLEC3B	2	WNK4	9	GTF2H2C	2
VIM	2	OSTalpha	9	GTF2H2D	2
TET3	2	MED24	9	PACRG	2
CPM	2	SLC45A3	9	SEPT11	2
CTXN1	2	ELFN1	9	ZNF317	2
UFC1	2	AKAP6	9	NINJ2	2
NKAIN2	2	PODNL1	9	FKBPL	2
SNX10	2	KCNN3	9	ZSWIM2	2
C1orf93	2	TGFBR2	9	GLP1R	2
FAM178B	2	CLIC5	9	CTSF	2
PAK2	2	FAM50B	9	BANK1	2
NOC2L	2	RALGDS	9	HBII-52-28	2
MGLL	2	ZBTB47	9	DNAJC3	2
GNG4	2	GPER	9	C19orf47	2
ANO10	2	MYO7A	9	ALDH9A1	2
RPL23	2	FAM169A	9	SEPT9	2

SNORA21	2	STX2	9	SOX7	2
MCM6	2	ISLR2	9	TRAF3	2
HIP1R	2	FOLR1	9	CALHM3	2
GATA6	2	HCN4	9	RRM2B	2
CHRNA3	2	GHRL	9	C2orf34	2
ARL6IP1	2	UNC5D	9	UTS2D	2
GAB4	2	PYROXD2	9	TNFRSF19	2
CHMP4B	2	C1orf174	9	TAP2	2
ATG4D	2	TBR1	9	CCDC48	2
MIR1238	2	GLIS3	9	ZNF608	2
CSF1	2	GNG4	9	GLRX3	2
SLC45A1	2	PGCP	9	GABBR1	2
FANCC	2	GAA	9	WDR33	2
KIR3DL1	2	PLEKHA5	9	FFAR2	2
CAB39	2	NCRNA00162	9	KEAP1	2
IFNGR1	2	C3	9	TUBGCP6	2
MSLN	2	LOH12CR1	9	BAK1	2
NCRNA00173	2	SNTG1	9	TXLNB	2
UBE2K	2	ZNF532	9	HS6ST3	2
DOPEY1	2	GTDC1	9	SLC45A4	2
DNASE1	2	TNFAIP2	9	TPO	2
FAM188B	2	XYLT1	9	LYPD1	2
C6orf35	2	CALR	9	TRPC4	2
OLIG3	2	NDUFS2	9	ICA1	2
DCBLD2	2	ZNF366	9	CDGAP	2

CSK	2	PAK1	9	RNF39	2
PIGY	2	LAMP1	9	MYLK4	2
RBMS3	2	ASB16	9	OGFR	2
TMEM18	2	OSBPL3	9	KLHDC8A	2
USP46	2	ADSSL1	9	PPP1R13B	2
ATP6V0D1	2	KCNG3	9	PRPF3	2
PDE4A	2	SEMA4B	9	GOLGA3	2
CREB5	2	C16orf45	9	SOX2OT	2
MCOLN2	2	PLVAP	9	TSPAN9	2
SNX19	2	CHST11	9	NUAK1	2
AANAT	2	HLA-L	9	RASAL1	2
UBE2O	2	PPARGC1A	9	ZNF718	2
PDE3A	2	CYP27C1	9	CHID1	2
MED13	2	SLC8A2	9	PEBP4	2
PMS2L1	2	APITD1	9	SLC17A4	2
ZC3HAV1L	2	FRMD5	9	TRAF3IP2	2
STON2	2	HLA-A	9	GABPB2	2
MAL2	2	PKP3	9	PDGFC	2
MST1P2	2	FRK	9	NOD1	2
ANKRD24	2	CCR6	9	GJA3	2
PATE1	2	SPEM1	9	IL20RA	2
DYNLL1	2	SYT1	9	MFSD4	2
MCART3P	2	C13orf35	9	STEAP3	2
MYO5C	2	ASPG	9	ARHGEF3	2
CCDC33	2	ZSWIM2	9	LY86	2

SH3RF3	2	BANK1	9	LIMA1	2
C16orf87	2	ACACA	9	FAIM2	2
CDH11	2	CABLES1	9	SLC6A1	2
ZNF845	2	TBC1D8	9	TSHZ1	2
EML1	2	ALPK3	9	SLC2A13	2
LOC283914	2	COX4I2	9	RPS29	2
HLX	2	ATP6V0A4	9	RBM20	2
FBXL14	2	GAB1	9	PABPN1	2
PIP5K1B	2	SAMD12	9	KCNIP1	2
TPCN1	2	BRD9	9	ZNF324B	2
IL34	2	CAPN3	9	KIAA0895	2
LOC100128822	2	SLC41A3	9	TMCC3	2
PPAPDC1A	2	FBN3	9	ALDOA	2
PRSS12	2	CD300LG	9	HS2ST1	2
KLHL34	2	ELAVL4	9	ANO2	2
TDRD12	2	CHST8	9	CD81	2
DGCR9	2	BCL2	9	DECR2	2
FCGR2C	2	PRDM11	9	ARMC3	2
RPL3L	2	CLCF1	9	LAMB3	2
EVI5L	2	ZNF438	9	SEMA5A	2
SPO11	2	AOC3	9	ZFYVE1	2
MANEAL	2	TCTEX1D1	9	CLK2	2
SART1	2	MYH10	9	LRRC70	2
SPON1	2	OR8U8	9	IPO11	2
BNIP3	2	PALM2-AKAP2	9	IGF1R	2

DPEP3	2	DAPK1	9	TADA1	2
ARRDC2	2	EPB42	9	TMEM134	2
VSX1	2	FAIM3	8	GLB1L3	2
POLE	2	S100A13	8	ZBTB1	2
HNMT	2	PSCA	8	APRT	2
SNORD17	2	NECAB2	8	MGAT5	2
SNX5	2	S100B	8	IQCG	2
CPEB3	2	IKZF4	8	C1orf86	2
C2orf81	2	LONP1	8	KLHL6	2
DEPDC6	2	AQP4	8	FGD4	2
ZNF558	2	GML	8	ATP6V1A	2
LOC730755	2	MIR142	8	TXNL4A	2
DEFA6	2	PPP1R2P1	8	RAB2A	2
CXCR2	2	TBC1D24	8	ANK2	2
SRGAP3	2	KCNJ12	8	EEFSEC	2
ANKRD2	2	SRCAP	8	PRR5L	2
ACTN1	2	KLHL21	8	CUL3	2
NOSTRIN	2	DPYSL3	8	FBXW9	2
TCTE3	2	CECR5	8	PANX2	2
C6orf70	2	MIR193B	8	NT5C3	2
COL9A2	2	CHRM2	8	UBA7	2
ZNF615	2	SBK2	8	KIAA1549	2
EMILIN1	2	ITGA1	8	DFFB	2
ALOX5AP	2	KCNG4	8	LOC723972	2
C1orf146	2	RASGRP2	8	HLA-DQB2	2

ZNF431	2	ZNF323	8	C11orf63	2
ADCK5	2	GPR78	8	CILP2	2
SNORD115-42	2	B3GALT4	8	ZBTB47	2
NOL4	2	MPPED1	8	UBE2D2	2
S1PR1	2	GPR125	8	ZNF254	2
OR2B2	2	TAGAP	8	SLC15A4	2
KIF2B	2	WIPF3	8	LPHN3	2
TMEM63B	2	PPY	8	HLA-DOB	2
SNAI1	2	TCF25	8	PUM2	2
EXPH5	2	FURIN	8	GNA13	2
MPG	2	LAMC2	8	TNFRSF1B	2
ELMO3	2	STK38L	8	LUZP1	2
INS-IGF2	2	C20orf123	8	RB1CC1	2
EPN2	2	SERPINB5	8	CHMP6	2
ATG16L1	2	KIAA0319L	8	C10orf140	2
C1D	2	SCUBE1	8	MOG	2
MLXIPL	2	GOT1L1	8	FAM13A	2
NLRC5	2	RET	8	GLCCI1	2
C7orf13	2	TMEM79	8	DPP9	2
RNF32	2	KLF5	8	ZNF740	2
MDC1	2	ART4	8	BAIAP2L2	2
C3orf31	2	CAPN13	8	ARSB	2
PCDH1	2	KCTD5	8	TPST1	2
RGPD1	2	PUF60	8	LOXHD1	2
C11orf41	2	SLC37A1	8	PALLD	2

LRFN2	2	P2RY14	8	C10orf41	2
TNFAIP8	2	PIK3AP1	8	NSD1	2
TRADD	2	FAM184B	8	NKX2-5	2
SOLH	2	KY	8	SBF1	2
SPHK1	2	PLAC8	8	FUT4	2
PLEKHG6	2	AGXT	8	OR4E2	2
DHRS7C	2	ACTN2	8	HLA-A	2
LOC285045	2	RPLP2	8	SYNE2	2
BTAF1	2	GMEB2	8	CSNK1G3	2
IPO7	2	PCDH24	8	SCUBE2	2
GFRA2	2	P2RY2	8	TP53I11	2
CDR2L	2	PI4KA	8	PLA2G6	2
PPP1R16B	2	PTK2B	8	GPR176	2
FAM108A1	2	ASPH	8	SUCLG2	2
MATK	2	TBX3	8	TFF3	2
TAF1C	2	LOC100294362	8	ICOS	2
ZNF530	2	PAX8	8	PRDM8	2
EXOC3L2	2	WNT4	8	SH3PXD2B	2
SLC7A5P2	2	TH	8	SF4	2
CENPF	2	FGF18	8	LOC146880	2
NKX2-6	2	TRIM6-TRIM34	8	MAP7	2
MRPS25	2	DNAJC5	8	LRRC47	2
RER1	2	AOAH	8	ZNHIT1	2
CRTC3	2	GPR114	8	FAM13B	2
WDR86	2	SWAP70	8	CNTNAP5	2

NDUFC2	2	NLRP12	8	PRX	2
ASGR1	2	SIGLEC15	8	EPHB4	2
ALPK1	2	EMP2	8	RPS6KA4	2
XAGE5	2	NDUFV1	8	ARL8B	2
ADCK4	2	PRX	8	SDC4	2
ITPKC	2	FXVD3	8	POLRMT	2
PFDN6	2	C19orf28	8	CDS1	2
APCDD1L	2	PPM1G	8	COLEC11	2
IDUA	2	GDF2	8	TNNT2	2
CYB561	2	MYH6	8	PCGF2	2
GALNT14	2	ICAM1	8	TMEM205	2
LOC100128640	2	C1orf105	8	CCDC159	2
RAG2	2	LTA	8	SPTBN1	2
C11orf74	2	PIK3CG	8	TCF7L1	2
NACAP1	2	ARHGDIB	8	ATP9B	2
PSMB9	2	SERPINE2	8	GPR158	2
TAP1	2	USP7	8	PTRF	2
IGSF11	2	TINAGL1	8	C1orf198	2
C3orf30	2	FTO	8	AP3S1	2
LHX4	2	LOC285692	8	GCLC	2
GJB6	2	OLFM2	8	TFF1	2
PACSIN3	2	MIR1-1	8	DCP1B	2
ALOX5	2	POM121	8	GPR1	2
TRAF6	2	EMX2	8	MTMR3	2
PRKCB	2	TMPRSS6	8	EMX2	2

LOC255025	2	LEPR	8	C6orf123	2
SLC1A7	2	RHBDF2	8	DNAJC10	2
LRRC32	2	PKHD1	8	CGB8	2
KCNH5	2	MKL2	8	ISLR2	2
SCP2	2	UNC13A	8	ACAP2	2
IFT52	2	CNR2	8	IL27RA	2
WWP2	2	SPOCK2	8	NPR1	2
DCAF15	2	MS4A6A	8	CNN2	2
PRDM10	2	ITIH5	8	FLJ12825	2
FSTL4	2	GRK7	8	CPT1A	2
KIAA1543	2	SHBG	8	AGBL4	2
ZMPSTE24	2	WFDC10B	8	PARP1	2
HMBS	2	TJP2	8	NFXL1	2
EBF2	2	VWA1	8	HGC6.3	2
GPR152	2	SLA2	8	ST6GALNAC3	2
PON3	2	JDP2	8	SLC38A10	2
ENTPD1	2	DAZAP1	8	FLJ42709	2
AFG3L1	2	MTERFD2	8	ADORA2A	2
CENPBD1	2	F7	8	ADAMTS2	2
XKR6	2	C20orf117	8	TP53AIP1	2
FABP6	2	LRRN1	8	RAPGEF6	2
LSM4	2	CHRNE	8	TCFL5	2
SLC13A4	2	SYNGR1	8	ANO9	2
MAN2B1	2	ABCA13	8	MIOX	2
MAP2K4	2	LOC642006	8	PRR4	2

UMODL1	2	APC2	8	TAS2R46	2
RGPD4	2	BEGAIN	8	PRH1	2
THOP1	2	CCDC27	8	C1orf144	2
CGB1	2	ADD2	8	SBF2	2
TRABD	2	TOX2	8	CORO1B	2
HCG22	2	NRG2	8	RYR2	2
LOC100271836	2	NDRG1	8	HEATR4	2
SEC14L2	2	PRKCD	8	ADCY5	2
TRIM5	2	ENGASE	8	CSMD3	2
MOCS3	2	UBXN11	8	LOC619207	2
DPM1	2	HIC1	8	SLC8A3	2
CHTF8	2	FXYD4	8	ORC2L	2
HAS3	2	SP9	8	DUOX1	2
EPCAM	2	ASB2	8	ZNF628	2
NR2F1	2	ZNF709	8	HCN2	2
THAP4	2	TUBB8	8	BRPF3	2
MEGF8	2	BTBD7	8	RIN3	2
TMIGD2	2	HOXB9	8	GRB2	2
FAM82A1	2	ZSWIM4	8	TDP1	2
OR1C1	2	MEG8	8	WASL	2
EIF4G1	2	SCARF1	8	PSMB8	2
C21orf90	2	PFDN6	8	C6orf203	2
RCOR2	2	GRB2	8	SERPINB9	2
KRT81	2	ATG9B	8	TMED7-TICAM2	2
PDE6B	2	SLFN12L	8	TICAM2	2

ADAMTS16	2	TNS4	8	BCL9	2
ZNF267	2	MKLN1	8	PRICKLE4	2
HMGB4	2	N4BP3	8	LOC338651	2
C16orf71	2	TRIP6	8	RFTN2	2
PSMG3	2	PANK4	8	TCTN2	2
COL9A1	2	SCRN1	8	USP50	2
NFE2L3	2	RBP3	8	SLC6A6	2
PREPL	2	OPLAH	8	KATNAL2	2
ZNF395	2	C2orf3	8	GIMAP1	2
CCR2	2	HAPLN1	8	DRD2	2
FAM21B	2	KIAA1683	8	BIN2	2
PRM1	2	STIM1	8	DPP6	2
THEM4	2	SLC29A4	8	CCND2	2
RHBDF1	2	EDAR	8	GPR137C	2
GRRP1	2	TMEM100	8	GRK1	2
GLS	2	IRS2	8	SLC36A3	2
PCGF1	2	CRYAA	8	TMEM91	2
CYP2W1	2	MAP3K11	8	RAP1GAP2	2
PDIA5	2	C1orf127	8	SLC6A9	2
PGC	2	NFATC4	8	SLC25A17	2
CCDC13	2	PI16	8	UTP18	2
RPA1	2	CDK18	8	UBE3C	2
SMYD4	2	SGTA	8	FLJ39609	2
GLIS3	2	RBPM52	8	IL1RAP	2
CHRM3	2	PLTP	8	RHOG	2

INTS9	2	CORO1B	8	MAP1B	2
HMBOX1	2	ROBO3	8	TAPT1	2
FAM110B	2	GFRA1	8	CSPG5	2
RAB17	2	ST3GAL2	8	C1orf125	2
ZC3H12C	2	ALMS1P	8	RUFY1	2
LOC375190	2	KL	8	SLC15A3	2
FAM129C	2	CCDC85A	8	C20orf30	2
ALDH4A1	2	KCNMB2	8	OR8U8	2
SH2D4B	2	HNRNPUL1	8	RCBTB2	2
PPP2R5E	2	RSPH9	8	EFHA1	2
ELF3	2	SCARF2	8	PPP1R15B	2
TTC3	2	SH2B3	8	NLRP2	2
CCR5	2	PRKAG3	8	ALKBH5	2
TMEM123	2	EXOC3L	8	ZNF354A	2
ATP6V0A2	2	SPOCK1	8	C1orf183	2
GAL3ST2	2	PPARG	8	DDX20	2
C19orf45	2	KIAA1875	8	TMEM42	2
UBE2L6	2	KIF13A	8	HBP1	2
PHLDB2	2	ADD3	8	C7	2
CALN1	2	ABCA4	8	PDE4B	2
UBE2A	2	ABHD8	8	CASP8	2
ARHGAP8	2	EPS15	8	PFKP	2
MICA	2	IL1RN	8	FAM66A	2
NBR1	2	CUL3	8	FCHO2	2
KRCC1	2	FAM83C	8	CDC14C	2

ZNF619	2	GPR142	8	POLN	2
MYBBP1A	2	EVL	8	ALDH3A2	2
ARF1	2	GPM6A	8	MAPRE3	2
DTWD2	2	KCNMB1	8	IL6R	2
C7orf46	2	FCGBP	8	HLA-F	2
AMOTL1	2	CPXM2	8	SLC25A44	2
CTBP1	2	OR10C1	8	MBLAC1	2
RPGRIP1	2	MRPL23	8	FRMPD4	2
COIL	2	MSRB3	8	PFKFB1	2
JAG2	2	CNTN2	8	ELAVL3	2
ESAM	2	MIR200B	8	BOP1	2
FOXN4	2	HIF3A	8	KBTBD12	2
SERAC1	2	ALX3	8	SNTG2	2
GTF2H5	2	ZIC4	8	SNORD115-26	2
KRT5	2	CREBBP	8	BCL2	2
TTC23	2	CLMN	8	ZNF282	2
TULP2	2	ALPI	8	SOX12	2
STX11	2	PLA2G6	8	AIRE	2
LOC221710	2	LEF1	8	OSBPL1A	2
HERV-FRD	2	LETM1	8	RPA2	2
DFNA5	2	PVRL1	8	PHYH	2
TECR	2	DYNC1H1	8	ETV5	2
SNRNP27	2	ZNF311	8	ST8SIA4	2
CCDC78	2	HSD17B12	8	CNO	2
GRIN3B	2	FBLN7	8	ETV6	1

IGFL4	2	C16orf91	8	CHCHD4	1
POLG	2	LILRB1	8	TMEM43	1
LOC654433	2	GFAP	8	TSHR	1
SEL1L3	2	GPR20	8	NCL	1
RTEL1	2	SCARA5	8	SNORA75	1
ADAM33	2	SLC18A1	8	SNORD20	1
HBA2	2	LCP1	8	CCDC62	1
TNFRSF13B	2	ZHX2	8	TBC1D20	1
LRFN1	2	NOTCH3	8	KCNK17	1
ZNF358	2	DNAJC6	8	ATPIF1	1
CGB5	2	SH3TC2	8	SENP2	1
MARCH7	2	FLRT2	8	SIAH1	1
TNPO2	2	FOXO3	8	CASP1	1
LOC344967	2	PPAP2C	8	EIF2S3	1
ZFP41	2	GRIK4	8	FAM159A	1
ESCO2	2	PLXNA2	8	ATP6V1B1	1
CCDC25	2	LOC646627	8	ANKRD36B	1
ATF5	2	HOXB2	8	WDR76	1
HOXB6	2	RNU86	8	KCNJ12	1
CPSF6	2	C1QTNF8	8	METTL5	1
EMX2OS	2	PPP1R1B	8	RIPK4	1
GAL	2	PKD1	8	KIAA1012	1
OR7E91P	2	LMAN1L	8	LOC729678	1
NOC4L	2	LOC100128977	8	SLITRK5	1
SOX8	2	SHF	8	KIAA1199	1

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APOB	2	LOC401431	8	EEA1	1
TRPM8	2	NLGN1	8	TTYH3	1
ZNRF2	2	ARVCF	8	PLCE1	1
MSX2	2	MLLT1	8	IGF2BP1	1
CDKN1C	2	CLDN19	8	ANGPT2	1
ITGB7	2	SEMA3E	8	CHP2	1
LDB1	2	CDC20B	8	UBE2F	1
SLC9A9	2	DNAH3	8	USP24	1
SLC6A5	2	FAM198A	8	EPHA8	1
ADSSL1	2	DCPS	8	MAP3K7IP2	1
ZC3H11A	2	LOC100188947	8	SUMO4	1
TMEM161A	2	ADAMTS18	8	CDRT15P	1
ADD1	2	C14orf143	8	TK2	1
UVRAG	2	TLX1	8	RP1	1
FIP1L1	2	CHI3L1	8	PPY2	1
CREB3L2	2	S100P	8	C20orf123	1
NKX6-3	2	ULK4	8	MGAT1	1
PRMT2	2	STARD10	8	RABEP2	1
TULP3	2	RNF222	8	C1GALT1	1
C16orf45	2	CMYA5	8	FGD2	1
TRPM4	2	NOSTRIN	8	CDC42SE2	1
CHRNA3	2	KIF7	8	PSMD9	1
PTGES3	2	CD38	8	FMN2	1
SACS	2	RYR3	8	SCT	1

CCDC135	2	EFS	8	KLF5	1
NDUFB1	2	CD59	8	CNTF	1
ENTPD4	2	WDFY1	8	ZFP91-CNTF	1
CALM1	2	GPR158	8	RBBP9	1
OTX2	2	TMCC2	8	PUF60	1
BARD1	2	NR1I2	8	B3GALT1	1
HEXIM2	2	FAM172A	8	DMRT2	1
MYADML	2	SPATA20	8	SETMAR	1
SLC7A1	2	ASB18	8	PCLO	1
C12orf11	2	C16orf54	8	MPV17L2	1
FGFR1OP2	2	NCAM1	8	EFCAB2	1
PARD6A	2	CD36	8	CRB1	1
ACD	2	MAP2K5	8	MASP1	1
EXOC2	2	UBE2J2	8	FAM113A	1
DNAH12	2	TXNRD1	8	VPS16	1
KIAA1407	2	PDE11A	8	GABRG3	1
DPP8	2	FIGNL2	8	HNRNPM	1
MIR33B	2	ADCY6	8	ARL13B	1
HEATR2	2	GMFG	8	ZNF236	1
N4BP2	2	SEMA6A	8	VWA3A	1
LAMA2	2	ZC3H12D	8	SGK3	1
KLC1	2	BMPR1B	8	SAAL1	1
RASSF3	2	TMEM131	8	PTCD3	1
PPP1R3C	2	KIAA1244	8	ATXN3	1
MRPS18A	2	SPTBN2	8	HTR3A	1

LGR6	2	UBE2K	8	MIR527	1
GNG12	2	NCRNA00114	8	TYSND1	1
PNMA5	2	BRD4	8	EIF4ENIF1	1
NEO1	2	UST	8	FAM92B	1
TMEM189-UBE2V1	2	ABAT	8	LENG9	1
ZNF33A	2	SFXN5	8	ICAM4	1
RLBP1	2	GPR116	8	ACAD10	1
C16orf38	2	ST3GAL1	8	SMAD4	1
C17orf99	2	PILRB	8	NOTCH1	1
TRAPPC6B	2	IL21R	8	PROX1	1
EIF3A	2	ABCC2	8	HMGCS1	1
EVX1	2	EEF1E1	8	ZNF384	1
LMOD1	2	ACAP1	8	SLC35D2	1
ARID1B	2	LOC100133991	8	RRS1	1
GTF2F2	2	TACR2	8	CLDN15	1
ACBD4	2	RGPD2	8	ERCC3	1
OR6N1	2	SLC16A5	8	KCNJ6	1
SEC23A	2	B4GALNT1	8	SDC2	1
DCTN5	2	C11orf66	8	SIGLEC7	1
PALB2	2	GRK4	8	TMEM177	1
GGTLC1	2	VWA5B2	8	NARG2	1
TUB	2	CCDC114	8	HMHA1	1
PTPRU	2	ZNF837	8	TUBA3D	1
MAPK15	2	RAP1GAP	8	NKX2-8	1
PLXNA1	2	C6orf129	8	SPTY2D1	1

DCBLD1	2	SECTM1	8	TBX15	1
BTBD12	2	SYNM	8	KIF18A	1
KIAA1609	2	CCDC13	8	C6orf167	1
PNMT	2	C16orf74	8	MIR548H3	1
SMEK1	2	HDGF2	8	ASCC3	1
SSX9	2	KLHL26	8	MFSD5	1
KIF3C	2	NLRP4	8	SPDYC	1
ZDHHC3	2	PHF21B	8	RNASE10	1
EXOSC7	2	PNMAL2	8	GABPB1	1
TMEM187	2	EXTL3	8	LOC100129387	1
TUBB3	2	DUSP5	8	FLJ10038	1
GYPB	2	CSNK1G2	8	ONECUT1	1
SLC22A12	2	LMTK2	8	USP20	1
EFNA2	2	PELI2	8	LPCAT2	1
LBP	2	STAB2	8	CENPT	1
RNF31	2	F2R	8	THAP11	1
ZNF609	2	DNER	8	LOC728855	1
PHLDB1	2	MIR369	8	CXCL12	1
LOC100130872-SPON2	2	LHFP	8	SDHAP1	1
LOC440040	2	NOP56	8	TSPYL6	1
SIL1	2	CACNA1E	8	ACYP2	1
CTAG2	2	LRRN4CL	8	LOC144776	1
PRR12	2	NOP58	8	MT1A	1
NLRC4	2	KLC2	8	SAC3D1	1
CES3	2	SYT8	8	CTGF	1

ADCK2	2	BGN	8	FAM78A	1
PRAM1	2	NCOA4	8	C5orf37	1
MRGPRX3	2	BOP1	8	NELF	1
SMAD7	2	MMP15	8	ZNF20	1
HBII-52-27	2	ARHGAP9	8	DAZAP2	1
NUP98	2	ACTA2	8	MARCKSL1	1
MIR1249	2	ALDH4A1	8	PLCD1	1
LIN7A	2	GPD2	8	CA14	1
LOC284379	2	TMC2	8	MAFB	1
C14orf28	2	TRIM54	8	LOC55908	1
LIPE	2	JAM3	8	PBX4	1
GRID2IP	2	NDE1	8	CIR1	1
OR5I1	2	C1QL4	8	SCRN3	1
TEAD3	2	CCL28	8	LOC641518	1
CPOX	2	C11orf75	8	ZEB2	1
LOC389333	2	C11orf49	8	STK19	1
HIST1H2BH	2	RTEL1	8	DOM3Z	1
HIST1H3F	2	GP6	8	SNCAIP	1
AURKA	2	NPSR1	8	RPUSD1	1
RHOQ	2	C9orf98	8	SNORD83B	1
COPS5	2	GRK1	8	SLC2A7	1
STAT3	2	CCDC48	8	PDIA3	1
ERBB2	2	CAPN5	8	MIR219-2	1
UQCRFS1	2	GIMAP1	8	SDF4	1
HAND1	2	FAM188B	8	AKAP7	1

SPOCK3	2	PRR15L	8	TOMM7	1
UNC119B	2	TIFAB	8	FNDC5	1
IKBKB	2	CLPB	8	KRTCAP3	1
SLC39A4	2	SLC26A11	8	NRBP1	1
ZNF92	2	CD22	8	ZNF48	1
JPH4	2	ALK	8	BPTF	1
IGF2BP2	2	HEBP1	8	IFITM5	1
FADS3	2	FREM2	8	SLA2	1
CDK10	2	CD79B	8	SLC7A5	1
LRRC37A3	2	LLGL2	8	FAM183B	1
GALC	2	SNORD37	8	LOC285768	1
TFR2	2	PTPRM	8	LRRC37B	1
GMFG	2	SPPL2B	8	GALK2	1
CDK17	2	LHCGR	8	RPLP1	1
ARHGAP19	2	NR2F1	8	LMNB2	1
FTL	2	CCM2	8	MGC23284	1
TERF2	2	GTSF1	8	SNAI3	1
HSD3B7	2	LSAMP	8	CTNND2	1
GIT2	2	MDC1	8	TBC1D14	1
CARKD	2	CNR1	8	TSC22D4	1
FTSJ3	2	AHCYL2	8	CACYBP	1
TNN	2	C10orf140	8	FRMD6	1
PHF14	2	NR3C1	8	DPH3	1
CHRM1	2	SCN4A	8	MMADHC	1
NRD1	2	GHRLOS	8	TTC14	1

FLJ45983	2	SLC39A7	8	GIPR	1
GATA3	2	C1orf175	8	ZNF598	1
TBX6	2	SDPR	8	SIPA1L2	1
RELL1	2	LTBP3	8	PGK1	1
KCTD5	2	PITPNM3	8	MIR495	1
ZNF595	2	PNKD	8	SP5	1
HCG27	2	SNPH	8	ZNF213	1
CD19	2	TMEM154	8	SGEF	1
SOBP	2	SLC6A9	8	AGMAT	1
COLEC10	2	SYS1-DBNDD2	8	HEATR7A	1
HTR7	2	WDFY3	8	LMO7	1
HP1BP3	2	FAM196A	8	IRS1	1
MKRN1	2	PPP1R9A	8	PTMA	1
MSX1	2	INPP4A	8	WDR51B	1
C7orf57	2	LNX1	8	PABPC3	1
KPNA7	2	AMOTL1	8	PRRX1	1
RCAN1	2	KIAA1549	8	SLC29A1	1
FGFR1	2	KIAA0284	8	LOC442293	1
CLOCK	2	RSU1	8	ZNF3	1
MAP2	2	GABRA5	8	OR2V2	1
ANTXR2	2	SALL4	8	ARNT	1
SP8	2	LOC283663	8	EXOC7	1
ADAM8	2	LHX9	8	TMEM48	1
TRPC3	2	GTF2IRD1	8	ST7	1
TACC3	2	ATP1A1	8	LOC388588	1

C5orf49	2	SULT1C4	8	SMTN	1
DNPEP	2	MATR3	8	TMCO4	1
TMEM62	2	GFPT2	8	PHF13	1
MLLT10	2	TP63	8	AFARP1	1
JAKMIP2	2	RASGRF2	8	SLC16A1	1
BRWD1	2	DPP4	8	SIRT1	1
NLRP12	2	DEGS2	8	PCDHB2	1
ACAD8	2	NFKBIL2	8	ABTB1	1
APAF1	2	WBSCR17	8	TSKS	1
SMURF1	2	COL24A1	8	MTOR	1
HS3ST2	2	ELOVL5	8	POTEA	1
MIR548A2	2	MYOZ3	8	WDYHV1	1
ROS1	2	AR	8	ANKRD35	1
TNFAIP3	2	DMPK	8	HVCN1	1
LOC643008	2	KCNK18	8	MT4	1
ATXN7	2	A2ML1	8	LETMD1	1
LRIG3	2	C1orf203	8	TTC39A	1
FZD8	2	SGK1	8	RBCK1	1
DTWD1	2	DARC	8	ACTN4	1
AARSD1	2	C8orf34	8	PRM3	1
MXI1	2	UBD	8	BTF3	1
PABPN1L	2	SUFU	8	KCTD1	1
GRINA	2	SGSH	8	VAMP3	1
CEP63	2	NHSL2	8	C21orf70	1
RASSF1	2	TBC1D9	8	TBC1D5	1

SLC5A8	2	KIAA1267	8	DSCAM	1
CLCN6	2	TMEM27	8	RECQL4	1
NUP37	2	GUCA2A	8	LCA5	1
AHDC1	2	TGIF1	8	MAML1	1
SLC25A26	2	C1orf92	8	SIK3	1
SOX9	2	MIR410	8	FAM40A	1
TMEM44	2	WFDC9	8	SFTPD	1
PAIP2B	2	DOCK3	8	DHX30	1
PSMC2	2	NKAIN2	8	MIR1226	1
ZNF117	2	CDH17	8	MRPL41	1
GAGE2D	2	FUT6	8	DKC1	1
KCNQ1DN	2	SRRT	8	RWDD1	1
CRIP2	2	TTC39C	8	P2RY14	1
TESC	2	AGER	8	P4HA3	1
ARID5B	2	C8orf12	8	DDX24	1
PROKR1	2	TM4SF4	8	NPAS3	1
C7orf53	2	CR2	8	PRKRIR	1
H1FX	2	IGSF11	8	PAGE5	1
C3orf47	2	CD300A	8	BBX	1
LUC7L	2	CASKIN2	8	FADS6	1
ISM1	2	TRHDE	8	ODC1	1
PDHB	2	DTNA	8	BTBD6	1
NOTUM	2	NISCH	8	IRAK1BP1	1
GYG1	2	HOXB1	8	LOC91316	1
SLC35F3	2	HTT	8	PLSCR3	1

C10orf54	2	LMOD1	8	SUGT1P1	1
SLC25A10	2	POU2F1	8	CHMP5	1
OR2J3	2	DUOXA1	8	BAG1	1
QSER1	2	FGFR1	8	C1orf127	1
ZNF701	2	FCRL3	8	GDF1	1
TMEM232	2	D2HGDH	8	LASS1	1
SDK2	2	FAM124B	8	HOXA10	1
GIMAP8	2	EPAS1	8	SH3KBP1	1
NAP1L4	2	SLC2A14	8	BASP1	1
CAPN11	2	MARCH8	8	MME	1
MRI1	2	C20orf197	8	CEP164	1
GH1	2	FAM170B	8	PDPK1	1
LOC643387	2	HAS1	8	LOC652276	1
LOC285780	2	TRPV6	8	DLX1	1
NPSR1	2	NRTN	8	FAM66E	1
NRTN	2	RPL13AP5	8	KRTAP5-4	1
TJP1	2	RPL13A	8	SERPINB6	1
KIAA1841	2	TRPV1	8	PINX1	1
WIP1	2	RYBP	8	REG3G	1
COX4I2	2	ICAM3	8	C12orf67	1
PTF1A	2	DAPK2	8	C14orf101	1
MKNK2	2	TTLL5	8	CCR1	1
CA10	2	GALNT10	8	PPFIBP1	1
SBNO2	2	AP3D1	8	USP9X	1
ITGB3	2	NAV3	8	ENC1	1

PP14571	2	MINK1	8	ZNF286A	1
EPPK1	2	FCER1G	8	MIR145	1
TMEM204	2	PPP1R13L	8	LOC728264	1
DPPA2	2	RPS18	8	DTX1	1
TYK2	2	LOC100130872	8	PDLIM4	1
SLC7A11	2	RYR2	8	GJB5	1
PCDH12	2	FGF21	8	RNF40	1
SLC22A15	2	SGCA	8	FAM175B	1
DVL1	2	FOXG1	8	MYD88	1
SIPA1	2	SNX31	8	C12orf47	1
OTOP1	2	SNRPN	8	MAPKAPK5	1
S100A11	2	TBKBP1	8	CCDC9	1
CCNC	2	LAPTM5	8	GDPD5	1
RSF1	2	HLA-J	8	IRF5	1
FAM185A	2	OTOS	8	SULT1A1	1
COTL1	2	RFFL	8	NFAM1	1
DBH	2	PART1	8	RASIP1	1
CASKIN1	2	DGKB	8	ROPN1L	1
SNAP29	2	C1orf170	8	KHDC1	1
PTPN21	2	TRANK1	8	NKX2-2	1
DPPA3	2	CANT1	8	FASTKD2	1
RIC8B	2	TNKS1BP1	8	MDH1B	1
TOX	2	SCAP	8	FAM54A	1
HAGH	2	CBX2	8	KIAA0564	1
FAHD1	2	RALGPS1	8	CHIC1	1

ANKRD53	2	PCDH9	8	SEPW1	1
TBC1D2B	2	NEK6	8	NFASC	1
PPIE	2	ICA1	8	OSGIN2	1
TSPAN18	2	NHLH1	7	TSPAN16	1
RNF222	2	VPS37C	7	RAD51C	1
SPEN	2	T-SP1	7	TIMM44	1
TOR1AIP1	2	GRRP1	7	TMEM214	1
GSTP1	2	CRYGD	7	C3orf37	1
LAMC1	2	CAMSAP1	7	HIST1H2AM	1
ICAM3	2	SERINC5	7	HIST1H2BO	1
AGAP5	2	UBTF	7	ERMP1	1
FAM83A	2	RAB38	7	FAM107A	1
SHROOM1	2	HEYL	7	PF4	1
CA13	2	SLC47A2	7	CEP68	1
SEMA6B	2	MICAL3	7	LAT	1
GPR98	2	C18orf16	7	GALP	1
ATXN1	2	ADAR	7	SATB2	1
WDR45L	2	PIK3R1	7	CLEC18A	1
ZMYM2	2	BSN	7	DHCR7	1
MBTPS2	2	KRTDAP	7	SNORA67	1
KDM6B	2	CORO1C	7	SNORD10	1
SEL1L	2	SDHA	7	F13B	1
KCNJ10	2	RPL4	7	GPM6A	1
BUB1	2	ST8SIA4	7	C1orf115	1
BSND	2	RRAGD	7	HMGB1	1

CINP	2	PAQR6	7	U2AF2	1
ADAMTS12	2	LOC100292680	7	ZC3H13	1
IGSF9B	2	ADAMTS6	7	NT5C	1
KIF13B	2	B9D1	7	DMRTB1	1
NRAS	2	PXDNL	7	HIST1H4G	1
CSDE1	2	CENPT	7	CLDN9	1
KCNQ10T1	2	WISP1	7	SDC4P	1
SLC25A22	2	HLA-G	7	TMEM220	1
NOL10	2	BASP1	7	BFSP2	1
TIPIN	2	CLSTN2	7	C14orf37	1
PTPRH	2	CYP11B2	7	BAIAP3	1
FGF18	2	PHKG1	7	C16orf42	1
KCND3	2	MIR429	7	EIF2S2	1
RSU1	2	C1orf183	7	CCDC123	1
CDK4	2	VENTX	7	PRSS45	1
TTLL5	2	EPHA8	7	CCL13	1
MAPK1IP1L	2	GNAT1	7	PRSS8	1
MCM7	2	MAP7D1	7	IGFBP2	1
C2orf54	2	PUM1	7	DPY19L2P2	1
TMEM150A	2	CMTM5	7	EYA2	1
HERC3	2	RPS2	7	MIR329-2	1
NAP1L5	2	PSORS1C3	7	MIR329-1	1
UBE4B	2	RBM38	7	MIR758	1
USP31	2	TK2	7	NTAN1	1
GNG11	2	COTL1	7	EPB41L4B	1

LOC339535	2	IL27	7	ALG14	1
GFM2	2	MCM2	7	SENP1	1
BCR	2	WSCD2	7	PFKM	1
EPHB1	2	ITGB1	7	ATP6V0C	1
OTOF	2	SEMA4C	7	C1QTNF7	1
CASP8AP2	2	APOB48R	7	APOL3	1
HAVCR1	2	DKFZP434H168	7	TRMT1	1
PSTK	2	SEC16A	7	GDPD3	1
NUMA1	2	DAB2	7	MAP3K9	1
LRTOMT	2	LRRC4C	7	LYRM1	1
LRRC7	2	CLDN6	7	DCUN1D3	1
NFYC	2	NRCAM	7	DGUOK	1
BCL6	2	IGDCC3	7	KLK8	1
HMGB1L1	2	PADI6	7	THBS1	1
ENAH	2	CNTNAP5	7	RUFY4	1
FRAT2	2	FAM54B	7	RAB40AL	1
MEIS2	2	IRS1	7	VPS13C	1
NEURL	2	EBF2	7	MARK4	1
RAB18	2	MASP1	7	ACOT4	1
SAMD4A	2	PDE7A	7	PRMT8	1
C21orf49	2	GCET2	7	KRTAP5-6	1
CDC20B	2	SNORA52	7	FBLN7	1
MIR449C	2	ADAM8	7	NFKBIE	1
BRD4	2	TDRD1	7	RNPS1	1
SCARNA27	2	PLXNB3	7	C16orf81	1

BMP6	2	FER1L5	7	LASP1	1
PDE1A	2	CLU	7	IPP	1
LOC282997	2	HIP1	7	SMTNL2	1
TGIF1	2	SIX2	7	FAM89A	1
COG3	2	C13orf33	7	C18orf20	1
LTBP2	2	PPP2R3A	7	LOC643406	1
TRIM11	2	ACSL1	7	C22orf9	1
KLHL17	2	PRAME	7	MIR769	1
ERBB4	2	LOC648691	7	VPS54	1
PTPRF	2	C1orf14	7	HSPBP1	1
NFATC2	2	SYT3	7	CDC42EP4	1
FGD5	2	CALML4	7	AKT1	1
CPS1	2	ICAM4	7	HNRNPA3	1
C22orf34	2	C22orf25	7	CALML6	1
MUC21	2	TPRA1	7	VARS	1
CHCHD1	2	GHR	7	P2RX6	1
EFR3A	2	LOC728661	7	MGC16703	1
INPP5F	2	EPS8L1	7	GFI1	1
C6orf94	2	YIF1B	7	SMYD2	1
SMTNL1	2	RGR	7	PON2	1
SCARA3	2	CD247	7	SCGB1D1	1
WISP3	2	INHBB	7	CFLAR	1
LOC285629	2	C1orf113	7	RBL2	1
ACADSB	2	C20orf54	7	C16orf91	1
RUSC1	2	GCNT3	7	RDH16	1

C19orf70	2	ATP6V1G2	7	PGLYRP4	1
ZNF28	2	COL9A1	7	C16orf70	1
CASP10	2	PAFAH1B1	7	CLRN2	1
PLOD1	2	GRM5	7	SLC35D1	1
MAST3	2	SDC2	7	SMAD1	1
MIR551A	2	ESAM	7	IL7R	1
CBX4	2	DDR2	7	STX1A	1
CIB4	2	TIMM44	7	YTHDC1	1
PRSSL1	2	ADAM11	7	HLA-DPA1	1
MUM1	2	SDCBP2	7	ZNF638	1
SLIT1	2	EFR3B	7	GRM6	1
SCD5	2	ADPGK	7	NOTCH3	1
PQLC1	2	HHEX	7	MARS2	1
PRDM14	2	HPS4	7	VPS37B	1
NHP2	2	IGFALS	7	GYPC	1
KLF1	2	F2RL1	7	RAB5B	1
CC2D1A	2	PCSK4	7	C3orf39	1
ALDH3B2	2	CPNE5	7	SLC2A11	1
MIR517A	2	FAM78A	7	OAZ1	1
GMIP	2	ZNRF1	7	COQ9	1
TEX11	2	PPP1R16A	7	CIAPIN1	1
TLX1	2	ACCN3	7	LCE5A	1
HOXC5	2	C6orf227	7	ZFR	1
HOXC6	2	NELF	7	PON1	1
TXLNA	2	C10orf91	7	RTKN	1

WDR18	2	LOC338651	7	HERC1	1
EFCAB5	2	DNHD1	7	BTBD9	1
NYX	2	USH1C	7	IP6K2	1
SNORD114-23	2	SH2D2A	7	TMEM105	1
SNORD114-22	2	GRM7	7	LOC100128977	1
SLC30A10	2	SORCS3	7	ODF2L	1
KIAA0922	2	C20orf160	7	ADIPOR2	1
GALR2	2	HOXA7	7	SMPDL3B	1
SPATS2	2	ANO4	7	MATN1	1
ARRB2	2	DLL4	7	TPCN2	1
C4orf22	2	SSTR5	7	CD164	1
GNG2	2	ATP2C2	7	ITGAX	1
TSSC4	2	SHC4	7	RGSL1	1
ENTPD8	2	WFDC6	7	MB	1
CBLN3	2	PSMB11	7	GTF2A1	1
NOS3	2	RPL23A	7	TMEM82	1
GTF2IRD1	2	NOP14	7	BEND3	1
INTS6	2	ZNF274	7	OTUD4	1
F11R	2	DHX58	7	RNU5E	1
ATXN2	2	GPR179	7	RNU5D	1
FAM135A	2	NEURL4	7	ZCCHC9	1
C14orf73	2	CNTN5	7	SEMA3E	1
ILF3	2	CSPG4	7	MED16	1
LOC147727	2	ENPP6	7	CXorf21	1
PVRL2	2	DPEP2	7	PFDN4	1

CELSR3	2	SRRM4	7	DNAH3	1
NRF1	2	PDE1B	7	PHLDA2	1
HOXA5	2	ABI3BP	7	WFDC5	1
IKZF1	2	ARHGAP27	7	PACS1	1
FDXR	2	TOX	7	PDCD7	1
OSR2	2	DPYSL2	7	FNDC3A	1
TK1	2	NGFR	7	PODXL	1
ZFAT	2	MAP3K6	7	PARD6B	1
EIF1AX	2	SLC2A1	7	C20orf166	1
SCARF1	2	PWWP2B	7	C20orf200	1
E2F5	2	FAM135B	7	MSL1	1
SCYL3	2	ZMYND15	7	OR5V1	1
DUSP22	2	GORASP2	7	SLC25A46	1
JUB	2	FGF11	7	FAM43A	1
F2RL3	2	WDR88	7	OR2T6	1
ZDHHC8	2	FGFBP1	7	C7orf55	1
DNM2	2	MYOC	7	S100P	1
ST6GALNAC2	2	ELN	7	PHACTR2	1
SYDE1	2	XPNPEP1	7	NFIL3	1
MAEA	2	FAM134B	7	ALDH1L1	1
PLA2G2A	2	WNT10A	7	CYB5B	1
ENTHD1	2	KIFC3	7	MYB	1
TSPY3	2	ITGAM	7	UBE2I	1
ETFB	2	GIPR	7	PSCA	1
FAM189A1	2	DCAKD	7	TEKT4	1

TMEM151B	2	SIPA1L2	7	RAC2	1
VENTXP1	2	PANX2	7	CD164L2	1
DPYSL4	2	KCNMB3	7	ITFG2	1
FAM3A	2	EMX1	7	AP2B1	1
LPPR2	2	FERMT2	7	CCDC127	1
CIRH1A	2	CORIN	7	ZBTB16	1
FAM117B	2	TAOK3	7	TMEM156	1
SLC16A8	2	CPNE7	7	ACER3	1
NRG2	2	FYB	7	DLGAP4	1
PUS7	2	FGD6	7	BDH2	1
NWD1	2	STK40	7	PLA2G3	1
ZNF57	2	PRRX1	7	UGT2A2	1
SELV	2	DPM2	7	UGT2A1	1
CAPN2	2	ADAM33	7	CDH5	1
ABCC12	2	CDC14A	7	SCNN1B	1
PLOD3	2	ROR2	7	FBRS	1
CNBD1	2	TPM3	7	CLEC3B	1
WDR37	2	FAM26D	7	TM6SF1	1
TBKBP1	2	ILDR2	7	ATAD5	1
CSGALNACT1	2	TMED7-TICAM2	7	PRKAG3	1
ANKH	2	NDRG2	7	MFSD6L	1
PROKR2	2	XKR5	7	RPL19	1
ZNF365	2	APOL3	7	AUH	1
RNF216	2	RELL1	7	TMOD4	1
RNF141	2	C1orf106	7	MLKL	1

FRG2B	2	C14orf80	7	NKAIN4	1
FEZ1	2	CHRM1	7	HSPH1	1
NAALAD2	2	EXOC6	7	GTPBP3	1
ARHGAP22	2	HLA-DQB1	7	C2orf53	1
NECAB3	2	DPEP1	7	SPATA1	1
COL29A1	2	LCE6A	7	GNG5	1
C10orf79	2	TTC24	7	MGLL	1
PAX7	2	CDH11	7	RPL23	1
RTN4R	2	ANP32A	7	SNORA21	1
TTYH2	2	NAALADL2	7	ADCY3	1
SS18L1	2	ZG16B	7	C1orf228	1
DOCK9	2	NKX2-5	7	MIR548F3	1
REEP6	2	FAM66D	7	CTNBL1	1
PCSK4	2	SLC4A11	7	ZSCAN22	1
ESPNL	2	C21orf70	7	EFEMP2	1
HIST3H2A	2	SIK3	7	JAK2	1
ULK4	2	HEPHL1	7	KRTAP6-2	1
FAM111A	2	PGLYRP4	7	SNX1	1
MBD3	2	AADA3L3	7	CDK19	1
PCTP	2	OVOL1	7	CHMP4B	1
KISS1R	2	LRRC14	7	ZNF702P	1
HIST1H2AG	2	CTSG	7	ATG4D	1
TNNI3K	2	CARS	7	MIR1238	1
NOX4	2	DENND1A	7	ARHGEF19	1
ULK1	2	TULP1	7	CSF1	1

EPHA10	2	FLJ44635	7	TBL3	1
STARD10	2	PRHOXNB	7	SLC45A1	1
TIAL1	2	MTA3	7	ZC3H12D	1
RRAD	2	CLK2	7	YWHAQ	1
PLCB2	2	PGAP2	7	SEPT2	1
HTRA3	2	SERPINB6	7	ABT1	1
EMX1	2	GPR97	7	DHRS7B	1
TMEM190	2	TRABD	7	MSLNL	1
RASAL2	2	CTNNA1	7	SLC16A11	1
MAP3K3	2	RAB17	7	ODF1	1
SHROOM2	2	LTB4R	7	CSAG1	1
AXIN1	2	FYCO1	7	MAGEA12	1
HSPBAP1	2	C1orf83	7	C5orf38	1
C1orf170	2	IRAK3	7	OLIG3	1
C9orf3	2	PACSIN1	7	EFCAB4A	1
DRD3	2	ADCY7	7	CSK	1
TBC1D8	2	C20orf199	7	ACSL5	1
ASB1	2	PPM1F	7	DPF2	1
MPZL1	2	KCNH6	7	MIR493	1
SLC1A6	2	TBXA2R	7	CFDP1	1
IL7	2	BCL3	7	RASGRF1	1
C15orf2	2	ST3GAL4	7	NCAPH	1
TLL1	2	FTCD	7	HCG2P7	1
KLF17	2	TMEM175	7	SBDS	1
DENND1C	2	C7orf27	7	MINPP1	1

SNIP1	2	PTK7	7	SDHC	1
C11orf49	2	PLXNB1	7	LOC642502	1
ZNF239	2	WRB	7	MCOLN2	1
SH2B2	2	IQCG	7	ARL5C	1
NLK	2	DIDO1	7	PRDX6	1
PTPRO	2	SOCS1	7	ST3GAL1	1
CLINT1	2	GJB5	7	PRDXDD1P	1
SGK2	2	KRT17	7	FAM36A	1
CLIP2	2	CABLES2	7	CORO7	1
SEC14L1	2	TNRC6B	7	PILRB	1
ZC3HAV1	2	LYRM4	7	GMPR	1
IL12RB2	2	PKD2L1	7	C9orf69	1
EXOC6B	2	KIAA0895	7	FLI1	1
CCRN4L	2	TRIM46	7	ANKRD24	1
MOBKL3	2	INSL3	7	HDGFL1	1
APOL2	2	ZFP36L1	7	SFRS9	1
PSIP1	2	KCNK16	7	MYO5C	1
HADHA	2	FLJ37453	7	C3orf24	1
VWA5B2	2	USP10	7	WDR90	1
LOC100133669	2	AXIN2	7	VPS26A	1
ATMIN	2	LUZP1	7	HSPA12A	1
THBS2	2	TNFRSF4	7	CBFB	1
PDE6A	2	CNTN1	7	FAM49B	1
GPR56	2	SATB2	7	LOC100287216	1
KIAA1804	2	PADI3	7	CSNK1A1	1

LOC388796	2	FEZ1	7	C16orf87	1
THSD1	2	NCRNA00085	7	C11orf66	1
ANKRD54	2	PDLIM2	7	HLA-B	1
SMPD3	2	SLC12A8	7	SUGT1L1	1
GABARAPL3	2	JSRP1	7	MIR621	1
FAM109A	2	ATF7	7	JRK	1
NLGN1	2	ST13	7	PLXND1	1
CCDC121	2	AKD1	7	KRT23	1
GPN1	2	LRRN4	7	DENND1B	1
GABRB1	2	U2AF2	7	HLX	1
CTPS	2	CLDN9	7	FAM84A	1
CBWD2	2	PDZD4	7	DGKG	1
JOSD1	2	RASGRP4	7	YWHAE	1
KLHL21	2	BFSP2	7	NKX3-2	1
SPAM1	2	SLC7A7	7	SRF	1
FAM86A	2	MIR200A	7	FAM122A	1
RAB39	2	NUPR1	7	PIP5K1B	1
GP6	2	DMD	7	TPCN1	1
MPV17L	2	C19orf59	7	LOC100128822	1
DCUN1D2	2	FAM89A	7	MRPL17	1
TRIM2	2	SYT17	7	TCP11L1	1
ZNF680	2	METTL9	7	DTNBP1	1
YPEL3	2	MLN	7	DUSP9	1
VAV3	2	P2RY11	7	RAF1	1
NR2F6	2	RNF19A	7	IL17RA	1

ZNF814	2	MSH3	7	C14orf180	1
ANGPT1	2	SCAND3	7	DPY19L2P1	1
AHCYL2	2	PTPRA	7	DBNDD1	1
EIF4E3	2	SRCRB4D	7	PNMAL2	1
AP1M2	2	MTMR9L	7	ELF5	1
SYNM	2	ITGA2B	7	ABCA17P	1
ZNF385A	2	YPEL2	7	GPR153	1
PRR16	2	C6orf48	7	C5AR1	1
CLDN11	2	GFRA3	7	DPEP3	1
TMEM71	2	TCAP	7	GSC2	1
SBK2	2	CBLN1	7	EIF3E	1
SLIT3	2	PRMT8	7	DEPDC6	1
SNORA31	2	MIR149	7	ZFP36L1	1
CNGB3	2	TMEM184A	7	RAVER1	1
MRGPRE	2	TMPRSS4	7	ZNF593	1
C11orf80	2	LARP4B	7	UPF1	1
LIPC	2	CDC42EP4	7	DEFA6	1
INCENP	2	NDUFA4L2	7	THAP1	1
WDR69	2	C13orf36	7	ZNF713	1
PPY	2	PLEKHA2	7	SERPIND1	1
CD300E	2	TBC1D2B	7	PLD4	1
MAPK14	2	ITPKA	7	ZSWIM7	1
UBC	2	CCDC135	7	TTC19	1
KRT19	2	ST8SIA6	7	ZNF615	1
MTUS2	2	IL1R2	7	EMILIN1	1

PDE8A	2	NAA11	7	FAM181B	1
PART1	2	CCDC137	7	NBPF10	1
ACAT2	2	ST6GALNAC2	7	MAGEL2	1
PLXNA4	2	ITGAX	7	RPIA	1
HYMAI	2	SCTR	7	C1orf146	1
GDF6	2	NR4A3	7	ING5	1
NQO2	2	POMC	7	EPHA1	1
C1orf61	2	ATP6V0E2	7	PELI2	1
PITPNC1	2	TPCN2	7	LOC100130093	1
CKAP5	2	GJB3	7	KRTAP6-1	1
BACH2	2	GPC2	7	ADCK5	1
PAX9	2	TPD52L2	7	SNORD115-42	1
MPPE1	2	PAX9	7	SIPA1L1	1
FAM173A	2	TLL2	7	IL18BP	1
BCL7B	2	DLX2	7	C20orf95	1
HHAT	2	NTRK3	7	ATP5J	1
UBAC2	2	HPN	7	GABPA	1
PASK	2	PBXIP1	7	NOL4	1
ASPRV1	2	ANXA2	7	CENPB	1
PPHLN1	2	KRT23	7	SLC41A1	1
CMKLR1	2	EIF3B	7	FOXA2	1
TSNAX-DISC1	2	LRRC15	7	SCAMP1	1
DISC1	2	MYB	7	TCAM1	1
VAX1	2	COMP	7	IFNGR1	1
MSH6	2	ENTPD4	7	STX18	1

LOC100132831	2	PDGFD	7	BCAM	1
VOPP1	2	CCL15	7	SNAI1	1
ADAD1	2	MYCN	7	AMFR	1
AMIGO2	2	PPP2R5C	7	HPCA	1
RRAGC	2	SMARCD3	7	HOXA1	1
CYP26B1	2	XIRP1	7	DOC2A	1
NT5E	2	TM6SF1	7	MIR328	1
FARS2	2	TGM5	7	INS-IGF2	1
TRIT1	2	CPM	7	RAB1B	1
FAM71A	2	USP47	7	KLHL8	1
RAP1GAP	2	RTN4R	7	SYTL3	1
TAS1R3	2	PHRF1	7	ATG16L1	1
FOXD3	2	NEBL	7	SCARNA6	1
SNX25	2	AIM1	7	C1D	1
GRIK3	2	ZMYND8	7	IBTK	1
KIAA0232	2	PTPN5	7	MLXIPL	1
FAM120B	2	ID3	7	SLCO4A1	1
PRTFDC1	2	PTBP1	7	PPFIA3	1
ATN1	2	CARHSP1	7	WDR66	1
RWDD2A	2	ADCY3	7	RALY	1
PGM3	2	SEPT5	7	SOD1	1
TEX101	2	BNIP3	7	PTP4A1	1
ZNF219	2	LIF	7	LRCH3	1
C7orf20	2	SMARCA4	7	GNA15	1
SYT11	2	PAQR5	7	ITGAV	1

ANKRD10	2	BTBD12	7	KCTD21	1
LRFN4	2	PDGFRB	7	FRS2	1
ICAIL	2	ACOXL	7	THRB	1
CPXCR1	2	LASS2	7	WDR87	1
LOC399959	2	SLC39A14	7	SNORD114-15	1
FAM71E2	2	C1orf77	7	SNORD114-14	1
CHRM2	2	DPYSL4	7	SLA	1
CDH24	2	ITSN2	7	FAM129B	1
MFSD2A	2	ATP1A4	7	ZNRF1	1
UPP1	2	MIR21	7	CFL1	1
FNIP2	2	HEPACAM2	7	C6orf201	1
NUDT9	2	AIFM3	7	SPATA24	1
LOC100133991	2	IRF8	7	DNAJC8	1
SLC4A2	2	SLC25A18	7	C2orf85	1
C21orf34	2	CNNM2	7	OR1A2	1
GUCY1A2	2	RUFY1	7	C9orf91	1
EPHB6	2	ATP6V0D1	7	CENPN	1
EZH2	2	FAM167A	7	C16orf61	1
R3HDM2	2	AANAT	7	FAM108A1	1
AK5	2	CRB2	7	CX3CR1	1
MDFIC	2	FAM163A	7	PKP2	1
KRTAP12-3	2	SLC34A1	7	NGFR	1
AAAS	2	OR9Q1	7	CLPTM1	1
CIB1	2	C9orf139	7	COPS7A	1
C15orf58	2	OAT	7	DNMT3A	1

BNIP1	2	VPS13B	7	LOC100132354	1
ROBO4	2	CHRNA1	7	NAA16	1
H6PD	2	FLJ43663	7	PSMA2	1
ODF3B	2	COL6A1	7	MRPL32	1
GPR146	2	MCTP2	7	NTF3	1
RANGAP1	2	CCDC71	7	CDH12	1
OPLAH	2	SKP1	7	PMCHL1	1
PLXNA2	2	PITX2	7	MIR30B	1
B4GALT2	2	LDHD	7	TMX2	1
HNRNPA0	2	FBXL14	7	GLIS2	1
C7orf27	2	DRD4	7	CPSF7	1
PHTF2	2	TPCN1	7	SDHAF2	1
TMEM60	2	SLC22A20	7	GPR83	1
FLJ90757	2	DPCR1	7	KIAA1958	1
GPR84	2	MLL2	7	BAHD1	1
MYBPC2	2	GAL3ST3	7	NDUFC2	1
GDF7	2	NCRNA00200	7	ALPK1	1
CLCA4	2	KCNH8	7	BAZ2B	1
RARB	2	DDO	7	TTLL3	1
PTENP1	2	RAB11FIP4	7	SCARA5	1
RYR3	2	UNC13D	7	DLL1	1
B3GAT1	2	TRIM9	7	SLC26A1	1
ORAI2	2	OLFML2B	7	RNF152	1
COL6A1	2	C16orf55	7	MIR92B	1
ZNF22	2	CHMP1A	7	CLEC4D	1

MLC1	2	APOC4	7	OR2A14	1
TRAF4	2	MCM7	7	WDR46	1
C1orf203	2	CLEC9A	7	DDX6	1
ATP1A1	2	SLC15A3	7	CAPN1	1
GALNTL6	2	BDNFOS	7	ORAOV1	1
BTNL8	2	MEX3A	7	GALNT14	1
FGD6	2	A1BG	7	SLBP	1
TSLP	2	RICS	7	NAT15	1
DUSP27	2	LOC150622	7	FAM50B	1
GRM8	2	FLJ41350	7	TRIM39	1
RNF24	2	ALOX5AP	7	PEX16	1
GLB1L2	2	MIR24-2	7	AKIRIN2	1
P704P	2	CD40LG	7	MYC	1
SCAND3	2	CRNKL1	7	ALOX5	1
HEPACAM2	2	ALDH1A3	7	ZNF391	1
DLG5	2	C19orf21	7	C1orf173	1
FAM60A	2	TKTL1	7	NRCAM	1
GBP2	2	F2RL3	7	LRRC32	1
ANKIB1	2	HS3ST2	7	ACTL6A	1
LOC285954	2	LAMA4	7	DEFB124	1
ATP2A1	2	EMP1	7	REM1	1
RAB10	2	PROCR	7	WDR47	1
CUL1	2	CACNG6	7	CERK	1
TTN	2	TRAK1	7	SLC27A1	1
SLC1A3	2	LPO	7	MIR140	1

CCDC24	2	ANGPT4	7	SETD5	1
C1orf106	2	FAM129B	7	LOC440944	1
MPO	2	LOC285045	7	SFRS8	1
ACOT11	2	C6orf123	7	C5orf24	1
WDR8	2	U2AF1	7	PRDM10	1
CCDC64	2	CUL4A	7	KIAA1543	1
PLD1	2	LTB	7	SLC25A36	1
HDAC2	2	IGSF9	7	ZMPSTE24	1
WFIKKN2	2	CENPF	7	PRIC285	1
HSDL2	2	TRPM4	7	ZNF197	1
PRDX5	2	GIMAP5	7	SAPS1	1
TRMT112	2	DEAF1	7	CD63	1
KYNU	2	KRT1	7	CACNG6	1
SAFB2	2	STK39	7	PHC3	1
GUSB	2	TYROBP	7	NCAPG	1
ZNF80	2	PTH1R	7	DCAF16	1
PPP1R10	2	TP53I11	7	MIR572	1
HTR7P	2	NID1	7	ETS1	1
HEBP1	2	PDE3B	7	LOC100126784	1
TXNDC5	2	PGC	7	ABI1	1
HIST3H3	2	CADM2	7	LCP1	1
ERI3	2	LAMB4	7	C16orf7	1
CHKA	2	CPNE6	7	PMFBP1	1
UNCX	2	NEGR1	7	DIRAS3	1
MBTD1	2	UBTD1	7	MORG1	1

PLEKHA3	2	PLCD3	7	MAN2B1	1
ZZEF1	2	C16orf7	7	MAP2K4	1
CDC42	2	TLR5	7	PRELID2	1
NUP210	2	RNF123	7	SNAR-G1	1
TBC1D10C	2	IMP5	7	CGB1	1
UXS1	2	THAP4	7	PRKCG	1
TRIB2	2	SPDYE4	7	HRH2	1
KRT72	2	ABHD15	7	METTL2B	1
MTSS1L	2	SLC15A4	7	ASIP	1
TMCC2	2	ZFP41	7	ZNF746	1
RNF11	2	C13orf29	7	DKFZp434L192	1
LOC731779	2	AFG3L2	7	HCG22	1
ANKHD1-EIF4EBP3	2	NR1H4	7	SEC14L2	1
ONECUT2	2	DHDPSL	7	ZNF783	1
ARL11	2	ME3	7	SGCE	1
PRKD1	2	CUL1	7	PEG10	1
RHOC	2	MIPEP	7	FXYD4	1
CASP5	2	CD4	7	GJB2	1
SLC25A24	2	C11orf45	7	CCDC86	1
AMMECR1L	2	DIXDC1	7	FAM9A	1
CLDN19	2	MICAL2	7	CCDC65	1
SF3A2	2	ENPP7	7	NR2F1	1
OR2L13	2	FAM65B	7	PPP2R2D	1
DYX1C1	2	CDH18	7	IPO7	1
RBM33	2	FAM196B	7	CD247	1

NCAM1	2	BLK	7	YTHDF2	1
PHF21A	2	UPP1	7	BPI	1
TMEM132E	2	LOC100130331	7	SNAR-H	1
AKAP12	2	AHSG	7	RABGEF1	1
CAST	2	PANX3	7	DNAJC11	1
HTT	2	KLHL3	7	CD5L	1
C2CD2	2	DOPEY2	7	STK38L	1
LHX1	2	ZSCAN10	7	NR1H3	1
BMPR1A	2	FLJ32063	7	MDC1	1
TTLL2	2	OTOA	7	STX1B	1
UBA1	2	C15orf60	7	FNTA	1
INE1	2	HMSD	7	DIXDC1	1
IGFBP3	2	RPL37	7	C7orf59	1
STRN4	2	TMEM134	7	VDAC2	1
DGCR2	2	PPP1CA	7	HAS3	1
FBXL4	2	SLC17A4	7	SERHL	1
ZNF521	2	CGNL1	7	ANKS3	1
TNIK	2	EPHB2	7	BTBD10	1
MAP2K5	2	RNF13	7	GAD1	1
CHD9	2	TRIM55	7	HCG4P6	1
TMEM201	2	ZNF610	7	LOC442454	1
RPN1	2	DOCK10	7	DOPEY2	1
SLC6A12	2	C10orf54	7	CDK5R1	1
PRF1	2	PIGL	7	LOC283914	1
HOXA3	2	ZBTB17	7	NXF1	1

FLJ40852	2	P2RX5	7	C10orf57	1
NIPA1	2	HCN1	7	MIR138-1	1
BTN2A3	2	SLAMF8	7	STT3B	1
HOXB2	2	SLC47A1	7	HNRNPCL1	1
OPA3	2	PLEKHB1	7	LOC649330	1
NMB	2	NUP62	7	PPTC7	1
LAP3	2	GPRC5C	7	FAM21A	1
CLPB	2	TMEM150B	7	VAT1L	1
GPR44	2	MFSD10	7	THEM4	1
GRIN2D	2	ZC3H18	7	PHTF1	1
UPB1	2	DGCR6	7	LOC440905	1
PDLIM3	2	CHD9	7	PCGF1	1
STAG3L4	2	JMJD6	7	PLEKHH3	1
RGS9	2	ZBTB7A	7	PDIA5	1
PRR22	2	TCTE1	7	RAB22A	1
C1orf53	2	DNAH8	7	PPP4R1L	1
MOCS2	2	BRSK1	7	TTR	1
TLL1	2	PREX2	7	TUBGCP3	1
KPRP	2	ASB10	7	MGC16025	1
C1orf70	2	C2CD2	7	UGT2B15	1
PADI1	2	EXOC2	7	STARD7	1
GCET2	2	P2RX3	7	MTMR6	1
IRF4	2	TANC2	7	C9orf171	1
LOC146336	2	COL16A1	7	PNKD	1
HSPA1B	2	PLEKHN1	7	FAM110B	1

LMO2	2	CHIT1	7	PXN	1
KCNH1	2	PRKG1	7	SCRT1	1
RNASET2	2	PEX5	7	NEUROG1	1
APOLD1	2	ARRDC5	7	RBL1	1
TRIM46	2	RIN1	7	PFN4	1
KRT35	2	DNMT3L	7	LOC375190	1
ST6GAL2	2	AKR1D1	7	CAB39	1
U2AF1	2	ANKRD30A	7	PICK1	1
MOGS	2	AQP2	7	POMGNT1	1
GRN	2	SLC38A1	7	SLC38A4	1
RASA2	2	CYP2W1	7	SYPL1	1
PDGFRA	2	TLE3	7	WSB2	1
FBXO33	2	PRKG2	7	PROSC	1
CARD10	2	ANKLE2	7	DMP1	1
SEPT5	2	C2orf61	7	ADAM30	1
SH2D5	2	ILF3	7	WDR59	1
ONECUT3	2	KLF13	7	PIGP	1
SNED1	2	USP36	7	TTC3	1
PRSS42	2	CYP11B1	7	C1orf96	1
KRTAP4-8	2	SNHG11	7	TOP1MT	1
STARD13	2	MIR202	7	PHLDB2	1
PYROXD1	2	MKX	7	FLYWCH2	1
CYP1A1	2	ARHGEF1	7	NFE2	1
JAKMIP1	2	UPK1A	7	DKFZp686A1627	1
ID2	2	CHMP6	7	GEMIN8	1

PAICS	2	KLF11	7	DCAF4	1
WNT11	2	DUOX1	7	PLG	1
ATP8A2	2	LAMB3	7	ASF1A	1
TRHDE	2	EHBP1L1	7	LRFN2	1
TPM1	2	TFAP2E	7	SNORD12C	1
POM121L10P	2	JAKMIP2	7	ZNFX1	1
FLOT1	2	SLN	7	DZIP1	1
GNA12	2	UBTD2	7	C17orf69	1
MYBPC3	2	ZSCAN1	7	KRCC1	1
HMGA2	2	LPHN3	7	CD34	1
UCP2	2	GSDMD	7	SNORD115-39	1
TXNDC16	2	AKT2	7	PRRG2	1
TAF7L	2	PNPLA2	7	WDR43	1
C10orf26	2	PAOX	7	CLEC2L	1
C9orf167	2	HEPACAM	7	MED9	1
LPP	2	KRT7	7	KANK4	1
TSSK1B	2	TBC1D3C	7	CTBP1	1
ZAK	2	PRKD2	7	MED13L	1
TFAP2A	2	NLRP6	7	GLTPD1	1
MAN2C1	2	BCL2L11	7	CPSF3L	1
EML3	2	CHRD	7	TSPAN17	1
ROM1	2	EMID2	7	KIAA1751	1
FGFR10P	2	NKAIN3	7	ERGIC1	1
LOC145845	2	TRIM13	7	MDM2	1
SFN	2	L3MBTL	7	SCGB3A2	1

TMEM135	2	SNORD35A	7	RPS27L	1
RUSC2	2	SLC17A8	7	PIGH	1
ACVR1B	2	RNF5P1	7	FAM195B	1
CYS1	2	NLRP2	7	MCM4	1
AP2A1	2	AMMECR1	7	WTIP	1
GTF3C4	2	GLB1L2	7	TMEM80	1
ASTN2	2	AP1B1	7	RASGEF1B	1
EIF4EBP1	2	SELENBP1	7	OR2M5	1
CRB2	2	GNAZ	7	FANCA	1
LGALS12	2	CPS1	7	BMP2K	1
DYRK2	2	SLC38A2	7	DEFB133	1
WNT7B	2	FRY	7	RFNG	1
KCNK3	2	NME1-NME2	7	ZNF558	1
MUTYH	2	DOK7	7	ZNF695	1
TOE1	2	ADAMTS14	7	CXorf56	1
SEMA7A	2	MAPK8IP1	7	DFNA5	1
OMP	2	FCGRT	7	PCNP	1
CAPN5	2	SNCG	7	LOC400696	1
CROCCL1	2	FGF23	7	MIR639	1
C15orf52	2	PRTG	7	TECR	1
FCN1	2	INPP5K	7	TNS1	1
C14orf153	2	MDGA1	7	KATNAL1	1
TPP2	2	RAPGEF1	7	HAGHL	1
PLA2G4C	2	LRTOMT	7	ZNF442	1
SRD5A2	2	SV2B	7	FAM99A	1

LOXL2	2	PGLYRP2	7	MRPL47	1
C14orf50	2	C13orf30	7	NDUFB5	1
ROR2	2	BMP6	7	ASPHD2	1
EDF1	2	KCTD10	7	RTEL1	1
ZNF7	2	PRR4	7	NODAL	1
CARM1	2	RUSC1	7	TLE6	1
FAM125B	2	FUT1	7	MIAT	1
SHB	2	TGFB2	7	HARBI1	1
GNLY	2	FBLIM1	7	LYSMD1	1
GTF3C5	2	FAM59B	7	SCNM1	1
C10orf113	2	NCDN	7	WBSCR28	1
IFT74	2	LOC285419	7	MYL5	1
MATR3	2	LRP4	7	LOC100288797	1
PTGES2	2	C17orf62	7	MYST3	1
NR5A1	2	CFD	7	ZNF319	1
PSORS1C1	2	KCNK10	7	C1orf122	1
PSORS1C2	2	FOXJ1	7	YRDC	1
EIF2C1	2	DUSP22	7	SSX7	1
OLFML2A	2	FARS2	7	P2RY12	1
KALRN	2	ZDHHC11	7	UBE2H	1
VSIG10	2	ADK	7	EEF2K	1
DIAPH2	2	KRT15	7	KCNA1	1
GOLGA2	2	HECW2	7	GAL	1
BTBD2	2	C6orf105	7	ATP13A3	1
NTN5	2	COL29A1	7	GRM5	1

SEC1	2	BMPRI1A	7	OR7E91P	1
AKAP8	2	PGLYRP1	7	KRT2	1
BAX	2	FGD4	7	TMEM155	1
FANCF	2	CNGA3	7	DGCR6	1
NDUFB6	2	VCAN	7	FAM18A	1
GNAQ	2	DSE	7	ADAD2	1
NR6A1	2	PCK1	7	GMPS	1
RANBP6	2	DCDC2	7	SERPINA5	1
CAMSAP1	2	RARG	7	ZNRF2	1
PALM2-AKAP2	2	LOC339674	7	MSRB3	1
COL5A1	2	RNF112	7	KRT38	1
KRT73	2	C6orf142	7	TMPRSS3	1
FGFBP1	2	C1orf70	7	SEMG1	1
DCX	2	CHCHD6	7	LOC339524	1
PURG	2	ASGR2	7	LDB1	1
WRN	2	CCND2	7	CDKN2AIP	1
NFIB	2	CST7	7	DNAJB14	1
ZNF493	2	CSHL1	7	PIWIL3	1
EXD3	2	GPS2	7	TMEM161A	1
TIRAP	2	VSNL1	7	GAD2	1
WDFY4	2	CCRL2	7	LOC254559	1
KTN1	2	MARCH6	7	LEMD2	1
TLR5	2	LOC100133612	7	BRSK1	1
WDR5	2	STEAP3	7	FKBP4	1
AFF1	2	CCDC146	7	C10orf68	1

KLF3	2	RAB31	7	PRND	1
FLJ13197	2	SEC14L3	7	SLC6A5	1
CALML5	2	COL15A1	7	INO80D	1
CUGBP1	2	SARDH	7	MTFR1	1
RGS3	2	GSN	7	C5orf43	1
BAD	2	PTPRD	7	LSP1	1
GPR137	2	FCHSD2	7	ABLIM3	1
APOE	2	ATP9B	7	RGS10	1
SIP1	2	KANK3	7	DET1	1
DAPK1	2	CEACAM5	7	MAGEB1	1
ZNF837	2	STK25	7	PM20D2	1
PARK7	2	TMEM182	6	C1orf151	1
KCNC1	2	FAM180B	6	RQCD1	1
NTNG2	2	PARP10	6	CHPF	1
TEAD1	2	MYEOV2	6	BARD1	1
YBX2	2	ATXN1L	6	MESDC2	1
APBA1	2	ERCC6	6	SNX32	1
RALGAPA1	2	TNFSF12-TNFSF13	6	PITPNM1	1
COMMD1	2	MORG1	6	CACNG1	1
RASGEF1A	2	LZTS2	6	PKD1	1
SH3BP5	2	PTCRA	6	RBBP4	1
DMBT1	2	CCL24	6	ZBTB80S	1
WNK2	2	KSR2	6	CRYZ	1
FAM120A	2	NLGN2	6	TYW3	1
NBEAL1	2	LRRC8C	6	MIR33B	1

TBX5	2	MIR548F1	6	SREBF1	1
KDELC2	2	ARAP3	6	PHF21B	1
CCNA1	2	UNC93A	6	RRM2	1
CLCNKA	2	SOX11	6	C15orf41	1
ZNF815	2	C22orf33	6	DLEC1	1
ALG9	2	OR1G1	6	XRCC3	1
FAS	2	SNORD18B	6	NTSR1	1
DPH1	2	EMILIN2	6	C5orf52	1
GTF2H2C	2	TRIM35	6	C11orf45	1
GTF2H2D	2	PDLIM5	6	KCNJ5	1
SEC23B	2	LOC645166	6	SALL1	1
SH3GL1	2	MGAT3	6	DDB2	1
SEPT11	2	ASCC1	6	PNRC2	1
ZNF317	2	LDB3	6	SCRN1	1
ZSWIM2	2	FAM41C	6	PTGER2	1
PCYT2	2	PIGV	6	NFATC3	1
GLP1R	2	TRPC7	6	TMPPE	1
CTSF	2	PPAP2A	6	GLB1	1
HBII-52-28	2	PI15	6	GAGE12G	1
DNAJC3	2	GUSB	6	GAGE6	1
MOSC1	2	C8orf79	6	GAGE12C	1
FOXP1	2	A2M	6	GAGE12D	1
SOX7	2	C6orf154	6	GAGE12E	1
UBA52	2	DKFZp434J0226	6	ALDH1L2	1
ANXA6	2	SLAMF1	6	OR2AG1	1

TMED8	2	GPIHBP1	6	C17orf99	1
TNFRSF13C	2	ALKBH5	6	ASNS	1
TRAF3	2	FHDC1	6	GRIK4	1
ZAR1L	2	CD1C	6	EVX1	1
NCAPD3	2	C4orf49	6	PCID2	1
RRM2B	2	CLDN5	6	CUL4A	1
C2orf34	2	TP53RK	6	LOC644172	1
TNFRSF19	2	FAM132A	6	CA5BP	1
KRTAP4-9	2	FNDC1	6	CAMKK2	1
PML	2	ZNF629	6	PKD1L1	1
CCDC48	2	NOL10	6	TRAPPC2L	1
RBKS	2	GAD1	6	S100A10	1
LOC100302650	2	FGD2	6	IL2RB	1
ZNF608	2	E2F2	6	SNORD113-2	1
OTOP3	2	HEXDC	6	IMPDH1	1
WDR33	2	NDUFS6	6	CPSF2	1
FFAR2	2	DIRAS1	6	KIN	1
TPRX1	2	CPVL	6	CPA5	1
KEAP1	2	A4GALT	6	DDX52	1
TUBGCP6	2	CAMK2D	6	ARL3	1
BAK1	2	LOC100130017	6	TPSG1	1
DYNLT1	2	ZFP91-CNTF	6	IRF6	1
DOCK3	2	KRT80	6	NDUFS2	1
SLC45A4	2	ITGB1BP3	6	KLHL15	1
ST20	2	MYO15B	6	TMEM18	1

HES7	2	C5orf32	6	PNMT	1
ICA1	2	SLC5A9	6	NRG1	1
OGFR	2	SLC30A3	6	NR3C2	1
CDKN1A	2	ZNF280A	6	LOC387647	1
KLHDC8A	2	GPR177	6	MARCH1	1
PPP1R13B	2	LOC145814	6	MYO19	1
CAP1	2	ATP6V1H	6	PIGW	1
PLEKHM2	2	VIPR1	6	ZYX	1
GORASP2	2	CSRP2	6	FZD3	1
TSPAN9	2	ATRNL1	6	ZFYVE27	1
APOA4	2	BEND4	6	UCRC	1
TAS1R2	2	VWA5B1	6	SUSD2	1
NUAK1	2	EPS8	6	UBR5	1
SLC23A3	2	FRMD1	6	SLC25A28	1
C8orf46	2	JMJD4	6	ASPM	1
PEBP4	2	ITPR3	6	PIR	1
JPH2	2	SLFN13	6	PTPN20B	1
FAM50A	2	SIGLECP3	6	PTPN20A	1
ZNF777	2	MVP	6	TMEM187	1
P2RY6	2	TAGLN3	6	ADRB3	1
SLC17A4	2	FAM92B	6	ISCU	1
TRAF3IP2	2	ISG20L2	6	SART3	1
GABPB2	2	RTP1	6	MIR548Q	1
PDGFC	2	HHATL	6	COL5A3	1
MAGI3	2	C19orf33	6	VPS45	1

NOD1	2	MTL5	6	SYT16	1
MYO16	2	TEKT4	6	PEX5	1
STEAP3	2	SIGLEC7	6	CIITA	1
ARHGEF3	2	FNBP1	6	METRNL	1
LY86	2	SHROOM2	6	PRR12	1
LIMA1	2	PLD3	6	NR1H2	1
SLC6A1	2	NCKAP5L	6	BTG4	1
TSHZ1	2	KIR3DP1	6	C11orf88	1
RTKN2	2	LPAR5	6	MIR34C	1
RPS29	2	ZIC5	6	NFRKB	1
MAST4	2	TRPC2	6	ZC3H14	1
PIWIL1	2	IQCA1	6	ZNF273	1
PABPN1	2	DPPA4	6	FGFR3	1
KCNIP1	2	EMR2	6	ADAMTSL3	1
SOX30	2	RBP5	6	ZNF626	1
KIR2DL3	2	LOC91316	6	C11orf68	1
ZNF324B	2	AIM2	6	DRAP1	1
KIAA0895	2	SLC46A1	6	VASH2	1
PDE3B	2	ERBB4	6	OR10AG1	1
ALDOA	2	LY6K	6	NUP98	1
KLC4	2	NRN1L	6	CRK	1
SLC35A3	2	RCBTB1	6	MIR618	1
UPK3B	2	PPP3CB	6	PTPRCAP	1
GYPE	2	KLHL31	6	C16orf55	1
HS2ST1	2	PRCD	6	RAD54L	1

IQUB	2	LOC100133308	6	NR5A2	1
C14orf64	2	HSF5	6	ABCA7	1
NIN	2	PPIE	6	HLA-DRB1	1
LOC441601	2	NUCKS1	6	TCHHL1	1
ARMC3	2	CYYR1	6	RAB6B	1
C5orf41	2	MLLT11	6	ALOX15	1
TDRD1	2	ATOH8	6	SLC16A10	1
LRRC70	2	ALDOA	6	LIPE	1
IPO11	2	SV2C	6	BAT3	1
TADA1	2	SLC25A26	6	DKFZP434L187	1
TMEM134	2	DKFZP434K028	6	HTRA1	1
FHL3	2	LOC641518	6	C6orf153	1
GLB1L3	2	WDR1	6	TPTE	1
ZBTB1	2	HCG9	6	CPOX	1
APRT	2	H1FNT	6	HIST1H2BH	1
KCNC3	2	FADS2	6	HIST1H3F	1
LMTK3	2	MGST1	6	NDUFS8	1
MGAT5	2	MIR661	6	NCAPG2	1
IQCG	2	ELF1	6	STK32A	1
SFRS5	2	SHISA6	6	CSTF1	1
FGD4	2	KRT33A	6	AURKA	1
RUNDC2A	2	RUFY4	6	LOC100132963	1
ATP6V1A	2	C6orf35	6	HLA-DRA	1
TXNL4A	2	SLC2A7	6	F13A1	1
GUCY2E	2	EEF1DP3	6	LOC100129550	1

RAB2A	2	LOC349114	6	COX7A2L	1
ANK2	2	SMYD1	6	PLEKHF1	1
EEFSEC	2	C1orf101	6	WBSCR17	1
SH3TC1	2	PTPRN	6	MRPS34	1
GRAMD1C	2	BCR	6	EME2	1
FBXW9	2	KRT72	6	INTS4	1
PANX2	2	PRRT4	6	LOC162632	1
NT5C3	2	ZNF816A	6	HAUS2	1
UBA7	2	PRR25	6	AGBL2	1
KIAA1549	2	WIPI1	6	CMTM6	1
LOC723972	2	LCTL	6	LCNL1	1
EXTL3	2	EP400NL	6	ADAMTS18	1
C17orf75	2	WFDC13	6	MBD1	1
LRRN2	2	NMT1	6	C17orf93	1
C11orf63	2	ILDR1	6	MYH4	1
DST	2	C4orf26	6	ZNF610	1
CATSPER4	2	ZNF611	6	PIGA	1
PROM1	2	LOC641367	6	RNF217	1
UBE2D2	2	LOC284276	6	IGF2BP2	1
RBM38	2	SLC19A1	6	STAR	1
TNNT3	2	STARD8	6	CLNK	1
ZNF254	2	ZNF804B	6	MSL2	1
CCL28	2	LOC285768	6	CD69	1
SLC15A4	2	TEKT5	6	TFR2	1
SPPL2A	2	CHRNA1	6	SNORD58A	1

LGI3	2	KIAA1598	6	RPL17	1
ABHD8	2	MIR329-2	6	KISS1	1
LPHN3	2	NTNG1	6	MIPEP	1
HLA-DOB	2	NHEJ1	6	ANAPC1	1
OR52J3	2	OTUB1	6	FTL	1
PUM2	2	DUSP6	6	ZNF525	1
LIG1	2	KIAA1644	6	GOLGA8E	1
GNA13	2	EPB41	6	CXCL3	1
TNFRSF1B	2	SAPS2	6	LOC729121	1
LMTK2	2	FMO1	6	BTAF1	1
LUZP1	2	KRTAP17-1	6	PLK1	1
IGHMBP2	2	FLJ20184	6	ZNF747	1
RB1CC1	2	CD52	6	C18orf10	1
CHMP6	2	ACSS3	6	KIAA1328	1
NRG3	2	CLIP3	6	TRIM50	1
SLC1A2	2	PCMTD1	6	FKBP6	1
FAT4	2	CAMK1	6	SLC25A4	1
PNPLA1	2	MAP4	6	HERC6	1
TF	2	CHRM3	6	MIR1258	1
FAM118A	2	PVRL4	6	ZNF385B	1
GLCC1	2	EFHD1	6	FADS2	1
MAFK	2	OC90	6	BRP44	1
ZNF740	2	LIPC	6	PGD	1
UNC5CL	2	ZNF605	6	C20orf111	1
BAIAP2L2	2	PARN	6	FAM179A	1

EBF1	2	LRRC4B	6	OMG	1
CDK15	2	SIRPB2	6	RFWD3	1
GALNT10	2	PLEKHH2	6	CD19	1
IL31RA	2	OR6K3	6	SETD6	1
TPST1	2	LOC401463	6	RAC1	1
LOXHD1	2	BBS9	6	GSDMB	1
LOC154822	2	MPG	6	TPRKB	1
ZIC5	2	MIR548D2	6	LRRC59	1
LENG8	2	PIRT	6	WFDC6	1
C10orf41	2	C4orf50	6	C4orf44	1
NKX2-5	2	SMTN	6	CUL2	1
FUT4	2	NPC2	6	KLKB1	1
MLL5	2	CLK1	6	UBFD1	1
OR4E2	2	C14orf68	6	EARS2	1
ZMIZ1	2	NDRG4	6	TMEM86A	1
HLA-A	2	GRM6	6	KCNG3	1
SYNE2	2	HFE2	6	MAPK4	1
CSNK1G3	2	MIR609	6	HTR7	1
TP53I11	2	TNFRSF10A	6	VWA5A	1
PLA2G6	2	UBE2H	6	ROGDI	1
TRPT1	2	KLRG2	6	KSR1	1
SUCLG2	2	C7orf16	6	MSX1	1
IDE	2	TRH	6	ABTB2	1
AVEN	2	MAB21L2	6	KCNK15	1
CHRM5	2	KIAA1614	6	GALNT7	1

ACACA	2	LRFN3	6	MIR1910	1
C10orf2	2	RAB27A	6	KPNA7	1
SLC7A14	2	SETD1A	6	ZBTB11	1
CLCNKB	2	CLEC18B	6	LOC100009676	1
COL6A2	2	MLKL	6	GPR179	1
ADAMTS17	2	APOA2	6	NUDT6	1
SF4	2	KIAA0556	6	ANTXR2	1
LOC728411	2	PYCARD	6	ITGAD	1
TNNI2	2	CSF2RB	6	FAM115C	1
XKR7	2	CNIH3	6	ADAM7	1
LOC146880	2	MIR1914	6	MSI2	1
MAP7	2	COMMD3	6	DRG1	1
S100B	2	PLAU	6	SIGLEC15	1
LRRC47	2	KCNG1	6	TPSAB1	1
ZNHIT1	2	VASN	6	MARCH7	1
FAM13B	2	DHX30	6	THOC4	1
EFCAB10	2	JAG2	6	OR1E2	1
ZNF397OS	2	TET1	6	ATP7A	1
MYO1F	2	GAB2	6	PGAM4	1
EPHB4	2	C3orf32	6	CNRIP1	1
RPS6KA4	2	SEMA4G	6	HNRNPUL1	1
ARL8B	2	CLCA4	6	ZNF862	1
SDC4	2	DKFZp566F0947	6	PMS2L11	1
POLRMT	2	C10orf18	6	GALNTL1	1
CEP55	2	FADS6	6	HSPB6	1

CDS1	2	KLK9	6	C19orf55	1
COLEC11	2	HDAC10	6	JAKMIP2	1
TNNT2	2	RNF144A	6	SYNGR3	1
MYADM	2	EVPLL	6	LIMD2	1
DPCR1	2	LOC388796	6	CABYR	1
C6orf145	2	UROCI	6	NLRP12	1
GJD4	2	SCGB3A1	6	ACADM	1
PCGF2	2	ANO3	6	DIS3L	1
TMEM205	2	ECE2	6	SLN	1
CCDC159	2	IL1F7	6	SSX2IP	1
SPTBN1	2	MIR654	6	EEF2	1
ATP9B	2	TRPV4	6	SNORD37	1
NKD2	2	TUBGCP6	6	ACAD8	1
GPR158	2	GDF1	6	IKBIP	1
MRPS17	2	LASS1	6	APAF1	1
PTRF	2	CCDC64B	6	ORAI3	1
C1orf198	2	KIAA1257	6	HEYL	1
AP3S1	2	MS4A4A	6	TRAF3IP3	1
GCLC	2	RASSF8	6	HIST1H1T	1
PANK1	2	DNAH11	6	DAP	1
HEXDC	2	GEFT	6	C3orf52	1
C11orf70	2	RNF126	6	MIR567	1
NDUFA3	2	LITAF	6	ROS1	1
HCG26	2	RUNDC2A	6	ZNF204P	1
TFF1	2	LIMK2	6	GLDC	1

DCP1B	2	IL1B	6	MIR1826	1
MTMR3	2	EVC2	6	RPL3L	1
EMX2	2	SERGEF	6	LIPT1	1
C6orf123	2	IGF1	6	TSGA10	1
C1orf113	2	FOXP2	6	IKBKE	1
DNAJC10	2	GXYLT2	6	C20orf26	1
CGB8	2	CLEC1A	6	CRNKL1	1
ISLR2	2	IL17RE	6	LOC284661	1
ACAP2	2	OR51E1	6	F8	1
NPR1	2	LOC285375	6	H2AFB1	1
CPT1A	2	ZNFX1	6	F8A3	1
PARP1	2	PTHLH	6	F8A1	1
NFXL1	2	CRP	6	F8A2	1
RFPL1S	2	HLA-E	6	H2AFB3	1
RFPL1	2	FOXL2	6	MYO6	1
LAMA5	2	FBXO41	6	C17orf48	1
ZBTB20	2	MYADML2	6	ABHD12	1
RPS8	2	SUNC1	6	PYGB	1
SNORD38A	2	FAM118A	6	SAP30	1
SNORD38B	2	INHBA	6	WBP4	1
RPA3	2	SEPT8	6	FYTTD1	1
ST6GALNAC3	2	SHISA9	6	KIAA0226	1
FLJ42709	2	AQP6	6	GRINA	1
C6orf204	2	PLA2G2E	6	ANAPC13	1
HK1	2	PCSK9	6	LGALS8	1

ADORA2A	2	KRT40	6	WEE1	1
LOC493754	2	PPP2CA	6	SLAIN2	1
RAPGEF6	2	DHRS9	6	RUNX3	1
TCFL5	2	GSG1L	6	H2AFX	1
ANO9	2	LEFTY1	6	MIRLET7I	1
RPL30	2	RRAS2	6	C12orf61	1
MIOX	2	N4BP2	6	SLC5A8	1
NFKBIL1	2	MT1H	6	APITD1	1
TUBA3C	2	SAP30BP	6	AK3	1
TAS2R46	2	TMEM163	6	TXNL4B	1
PRH1	2	PPP2R2A	6	CAV1	1
C1orf144	2	C14orf37	6	LIPK	1
SBF2	2	MRGPRG	6	SLC6A16	1
CORO1B	2	C14orf4	6	MIR365-2	1
GGTLC2	2	OR12D3	6	PAIP2B	1
POM121L1P	2	ANKRD22	6	SNORD115-6	1
ATF3	2	TREML1	6	PSMC2	1
RHOH	2	UPF1	6	SNORA20	1
HEATR4	2	DPY19L2P2	6	TCP1	1
CSMD3	2	C19orf38	6	GAGE5	1
LOC619207	2	SORBS3	6	GAGE12I	1
MST1P9	2	NCRNA00051	6	GAGE7	1
DUOX1	2	PRKACA	6	GAGE2A	1
KCNH4	2	HMGCL	6	GAGE2C	1
ZNF628	2	RBM4	6	GAGE2E	1

LOC728661	2	PGK2	6	GAGE8	1
BRPF3	2	RNASE11	6	GAGE4	1
TDP1	2	MMP28	6	GAGE2D	1
SLC15A1	2	BEND6	6	GAGE12F	1
WASL	2	C14orf159	6	TMEM132A	1
PSMB8	2	MYH15	6	CYP1B1	1
C6orf203	2	RALYL	6	WNT9A	1
GP5	2	ZFYVE21	6	LOC100128542	1
SERPINB9	2	P2RX6	6	HERC2P4	1
TMED7-TICAM2	2	AP1M2	6	EPS8L3	1
TICAM2	2	C2orf65	6	KCNQ1DN	1
BCL9	2	NANOG	6	TESC	1
PRICKLE4	2	LZTS1	6	SPOP	1
YPEL4	2	CTSW	6	C2orf81	1
ATXN7L1	2	TMEM90A	6	PLEKHG4	1
LOC338651	2	TRIM34	6	ATP11C	1
RFTN2	2	C1orf161	6	PSMD2	1
TCTN2	2	MARCH4	6	PDCD5	1
CRADD	2	FRZB	6	USP6	1
GUCA1A	2	TRMT61A	6	SCGB2A1	1
KATNAL2	2	MGC16703	6	ZNF467	1
ZFPM2	2	PAG1	6	KRT14	1
GIMAP1	2	SRL	6	INHBB	1
DRD2	2	ST8SIA1	6	FAM76A	1
ALLC	2	ZFHX4	6	ISM1	1

GSTA5	2	NCKAP1L	6	BCL2L11	1
GPR137C	2	BAT5	6	MIR219-1	1
HNRNPC	2	POLR2L	6	POFUT1	1
SLC36A3	2	C17orf90	6	CASR	1
TMEM91	2	HEATR4	6	CDC20	1
RAP1GAP2	2	CHRNA3	6	CNOT6L	1
GPIHBP1	2	IFITM1	6	IFIT5	1
SLC6A9	2	VPREB1	6	C21orf90	1
PANX1	2	MATN1	6	OR2J3	1
TBXAS1	2	BPI	6	AXIN2	1
TSPAN31	2	GRHL2	6	QSER1	1
BZW2	2	C13orf16	6	GART	1
SLC2A5	2	LRRC8D	6	MC3R	1
UTP18	2	NKPD1	6	LVRN	1
UBE3C	2	TRIM63	6	ZNF701	1
IL1RAP	2	SYT6	6	ZEB1	1
INF2	2	KDM2A	6	AK2	1
RHOG	2	KRT86	6	ZNF468	1
MAP1B	2	MED16	6	SLC26A7	1
TAPT1	2	PKHD1L1	6	BCL3	1
CSPG5	2	PHLDA2	6	RPS7	1
C1orf125	2	WFDC5	6	MYH11	1
RUFY1	2	GAS2	6	NDE1	1
SIRPA	2	DUOXA2	6	C21orf58	1
SLC15A3	2	RABGAP1L	6	HDAC1	1

ARFGAP2	2	ULK1	6	SNORD116-2	1
RASSF2	2	CHL1	6	SNORD116-6	1
PNPLA3	2	OR5V1	6	HDDC3	1
C20orf30	2	HHLA2	6	UNC45A	1
DTNA	2	HEPH	6	NKG7	1
SYNGR1	2	UBA1	6	GH1	1
EFHA1	2	KRT6B	6	C2	1
PHLDB3	2	JUB	6	NRTN	1
ZNF516	2	CLUAP1	6	GJA8	1
PPP1R15B	2	ABCF1	6	LRRN3	1
SLC9A1	2	NRG3	6	CES1	1
HLA-DMB	2	YPEL5	6	MKNK2	1
SDCCAG8	2	LY6G6E	6	RHOT2	1
KIAA1644	2	MRAP2	6	METT10D	1
ALKBH5	2	SPERT	6	OR13C3	1
ZNF354A	2	CLEC3B	6	PDP1	1
LOC148696	2	GPR61	6	SBNO2	1
TEKT2	2	AFAP1L2	6	MYH14	1
DDX20	2	ITGAD	6	CEACAM20	1
TMEM42	2	SASH3	6	MIR149	1
HBP1	2	TREX2	6	OR11H4	1
C7	2	ACER3	6	HAP1	1
RNF216L	2	C6orf223	6	RTN3	1
FGFRL1	2	CNGA4	6	RASA1	1
PDE4B	2	TLR6	6	DPPA2	1

CASP8	2	HDAC3	6	MALL	1
PKLR	2	GJC1	6	TYK2	1
ARC	2	SCML4	6	LOC100134868	1
FAM66A	2	KLK6	6	UAP1	1
PDE9A	2	ACTG2	6	GOT2	1
PCDHAC2	2	ARRB2	6	TMED5	1
FCHO2	2	MEGF10	6	ACCN3	1
C10orf50	2	MIR17HG	6	SIPA1	1
STYX	2	RAPGEFL1	6	NR0B2	1
CDC14C	2	CPA1	6	C15orf40	1
POLN	2	LELP1	6	P2RX5	1
GRIK2	2	PTEN	6	OTOP1	1
CADPS	2	FPR2	6	SFRS16	1
CCDC116	2	YWHAQ	6	TSPYL3	1
GAPDHS	2	FTH1	6	KCNE1	1
ALDH3A2	2	ZC3H11A	6	GOT1L1	1
MAPRE3	2	ACTL9	6	ACADS	1
MDGA1	2	IFRD1	6	MTL5	1
FFAR1	2	PARP15	6	PTPMT1	1
MBLAC1	2	RALA	6	GABRR1	1
FRMPD4	2	NPAS2	6	FBP1	1
PFKFB1	2	MMP12	6	SGTB	1
FARP2	2	CGB8	6	DBH	1
ELAVL3	2	PRF1	6	KCNN1	1
EDNRB	2	UNC5B	6	BTBD18	1

HIST1H3J	2	C5orf20	6	POP4	1
WDR88	2	FCHO1	6	ANKRD55	1
KBTBD12	2	SHROOM1	6	AADAACL4	1
ZNF496	2	C17orf54	6	EIF2AK4	1
PARG	2	TXNRD2	6	DPPA3	1
RADIL	2	ALX1	6	CLEC18C	1
SNORD115-26	2	SIGLEC9	6	CYP2W1	1
ACRC	2	GRAMD3	6	FAM188B	1
RALB	2	MARCO	6	TSPAN15	1
BCL2	2	ISPD	6	CSH2	1
ZNF282	2	NOD2	6	C6orf106	1
MGC16275	2	RAVER1	6	GCNT3	1
PCGF6	2	ATP6V0A2	6	TNXA	1
ZBTB4	2	DHFR	6	SNORD115-31	1
SOX12	2	C22orf45	6	RBPM5	1
FAM22D	2	ABCB5	6	MRPL15	1
AIRE	2	GALR3	6	GSTP1	1
OSBPL1A	2	AIPL1	6	LOC388946	1
EFNB2	2	KIAA0226	6	ZNF257	1
ESYT2	2	SP8	6	ICAM3	1
RPA2	2	SSX7	6	REM2	1
HSD17B7P2	2	RHOF	6	ADAT2	1
ETV5	2	FAM46B	6	PEX3	1
ST8SIA4	2	ZNF205	6	KCNJ16	1
CNO	2	CPA6	6	C19orf48	1

ETV6	1	C21orf121	6	VARs2	1
CHCHD4	1	MMP16	6	LOC342346	1
TMEM43	1	NBEAL2	6	EPN3	1
TSHR	1	CEND1	6	BAT2L2	1
NCL	1	LOC91450	6	RDH14	1
SNORA75	1	ACSL5	6	PHF1	1
SNORD20	1	FLJ42289	6	SHANK1	1
IGFBP5	1	HOMER3	6	PLAT	1
CCDC62	1	CST9L	6	QTRTD1	1
TBC1D20	1	KCNE3	6	KIAA1407	1
KCNK17	1	RNF130	6	YAF2	1
ATPIF1	1	BIK	6	YY2	1
SEN2	1	MGAT4A	6	MBTPS2	1
SIAH1	1	USP2	6	SPSB1	1
CASP1	1	THY1	6	AKD1	1
ZNF717	1	ZYX	6	RASGRP3	1
PLS1	1	ST6GALNAC5	6	CACNA1B	1
FAM159A	1	GATS	6	KCNJ10	1
ATP6V1B1	1	FANK1	6	FASLG	1
ANKRD36B	1	SRP19	6	ACP6	1
WDR76	1	PDE4C	6	MYOT	1
METTL5	1	CYP17A1	6	PLEKHG3	1
TBCB	1	PORCN	6	ADAMTS20	1
SLC2A9	1	DNMBP	6	MIR940	1
RIPK4	1	SPOCK3	6	SNORD113-1	1

KIAA1012	1	CPNE9	6	CXCR1	1
D4S234E	1	ZADH2	6	SAR1A	1
BSN	1	SCRT2	6	ADAMTS12	1
LOC729678	1	NKX3-2	6	ATP1A3	1
SLITRK5	1	LOC100131691	6	MIF	1
KIAA1199	1	C9orf86	6	FLJ43390	1
SLC2A8	1	BFSP1	6	ABRA	1
EEA1	1	CHD7	6	NRAS	1
LOC389493	1	MAP4K1	6	CSDE1	1
ZNF517	1	PLOD2	6	TIPIN	1
XCL2	1	FAM122C	6	PTPRH	1
THY1	1	LRPAP1	6	CCDC40	1
ANGPT2	1	UBR4	6	KIF17	1
CHP2	1	IPO9	6	GGT8P	1
USP24	1	KIAA0415	6	HSPA8	1
MAP3K7IP2	1	PTPRCAP	6	ASPH	1
SUMO4	1	LARP7	6	MCM7	1
MLX	1	HS6ST1	6	ST3GAL2	1
PSMC3IP	1	KAZALD1	6	SEC14L5	1
CDRT15P	1	DLX6	6	CD248	1
MT1E	1	CCL25	6	MIR603	1
GLG1	1	CCDC80	6	OR1C1	1
CHRM4	1	CDC42EP5	6	SCD	1
RP1	1	MYOM1	6	ACVRL1	1
PRRG1	1	NCRNA00181	6	HMGXB4	1

PPY2	1	TUBA4A	6	TMEM150A	1
MGAT1	1	TSPAN8	6	HERC3	1
GOLGA6D	1	GALNT8	6	NAP1L5	1
C1GALT1	1	COMMD7	6	SPTB	1
FGD2	1	DNAJC11	6	ERCC4	1
CDC42SE2	1	ING5	6	UBE4B	1
EIF3K	1	SLC6A17	6	GSTO2	1
PSMD9	1	NEFM	6	MSTO2P	1
YIPF4	1	OR14J1	6	MKLN1	1
SCT	1	OVCH1	6	FA2H	1
UNC5D	1	ASB13	6	LOC339535	1
CHRNA2	1	PROCA1	6	GKN1	1
HBEGF	1	MIR409	6	BCR	1
CNTF	1	S1PR1	6	RILPL1	1
ZFP91-CNTF	1	LOC286467	6	H1FNT	1
RBBP9	1	PLEKHH3	6	ISLR	1
B3GALT1	1	KIF6	6	ITGA7	1
BCL7C	1	SULF1	6	LCT	1
DMRT2	1	BEST2	6	ZNF322A	1
ZNF688	1	RGPD1	6	STOML3	1
JPH1	1	FAM60A	6	PSTK	1
SETMAR	1	PHLDB2	6	RANBP9	1
PCLO	1	SBF1P1	6	C16orf46	1
MPV17L2	1	C1S	6	CDR2	1
SNX21	1	SNX25	6	CFI	1

EFCAB2	1	MARK2	6	HIP1R	1
CRB1	1	SELE	6	NMU	1
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ACAD10	1	RBP7	6	EVI2A	1
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PTER	1	RAG2	6	GAST	1

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CLDN15	1	LRRC32	6	C14orf2	1
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NARG2	1	TEX101	6	RPS11	1
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C6orf167	1	LYST	6	F3	1
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ASCC3	1	OSBPL2	6	ZNF266	1

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PRSS27	1	IL18	6	TOR1AIP1	1
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TOMM7	1	NPBWR2	6	SLIT1	1
FNDC5	1	NLK	6	PQLC1	1
CNNM3	1	GIPC1	6	CDC42EP1	1
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ENTPD2	1	FAM129A	6	CTNNA1	1
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BATF	1	FER1L6	6	SLC2A14	1
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C20orf106	1	SERPINA10	6	SNORD115-38	1
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CACYBP	1	LILRB4	6	TNFRSF21	1
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DNLZ	1	VTCN1	6	DNAH6	1
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SP5	1	EPHA6	6	C14orf73	1
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HSBP1	1	SERPINF2	6	COL20A1	1
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UBXN11	1	CD79A	6	MIR96	1
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ARNT	1	ATPGD1	6	PEG3	1
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SIRT1	1	ETV3L	6	LOC643387	1
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PPARA	1	CD48	6	PRSS12	1
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MTOR	1	C1QTNF6	6	LSM7	1
POTEA	1	C11orf88	6	DDX3X	1
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FAM40A	1	PRKD3	6	NDRG4	1
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BAG1	1	SPINLW1	6	CTSC	1
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C14orf101	1	DPH1	6	LHFPL2	1
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HSFX2	1	SPATS2	6	B3GAT3	1
HSFX1	1	KCNN1	6	WDR51A	1
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GJB5	1	PHF1	6	DTWD2	1
RNF40	1	WAS	6	FAT3	1
FAM175B	1	VANGL2	6	LOC100302401	1
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MYD88	1	NPR1	6	HSPBAP1	1
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GDPD5	1	STK3	6	CYBA	1
IRF5	1	CDH9	6	HFE2	1
SULT1A1	1	GUK1	6	CSN1S2B	1
NFAM1	1	KRT13	6	GSTM4	1
POLR2J3	1	CDCA3	6	ATP5G2	1
SPDYE2L	1	YJEFN3	6	ENOX2	1

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CHIC1	1	CASP10	6	ESRP2	1
SPACA5	1	RAB20	6	FAM73A	1
SEPW1	1	ATP6V0E1	6	COL28A1	1
OSGIN2	1	TLE2	6	ITFG3	1
TSPAN16	1	COX10	6	SLC1A6	1
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HIST1H2BO	1	SYT9	6	OR12D2	1
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SNORD10	1	RHCG	6	GDPD4	1
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CLDN9	1	ZNF282	6	LBX2	1
PSMD7	1	LOC285847	6	MOBKL3	1
SDC4P	1	CNKSR3	6	SLC38A2	1
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C14orf37	1	CALHM1	6	SLC20A2	1
C7orf58	1	USP22	6	VWA5B2	1
C16orf42	1	ASZ1	6	ZNF679	1
TST	1	C20orf103	6	C10orf125	1
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CCL13	1	UCK2	6	DBNL	1

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FZD10	1	WNT3A	6	GRAMD2	1
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IGFBP2	1	CNOT6	6	TRPV4	1
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MIR329-2	1	ALPP	6	HEPACAM	1
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BCL11A	1	TACC1	6	GLRX2	1
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ALG14	1	SLC25A13	6	MIR658	1
SENP1	1	APH1B	6	DSE	1
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C1QTNF9	1	EEF1D	6	TRNT1	1
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HCRTR1	1	DEFA4	6	ELF3	1
VCPIP1	1	PRKAR2B	6	ACOT6	1

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VPS13C	1	C2orf40	6	COCH	1
C6orf218	1	LEFTY2	6	XPNPEP1	1
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CALML6	1	LAMC3	6	PHF23	1
VAR5	1	ABCA1	6	SELI	1

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SMYD2	1	ZNF740	6	PIRT	1
CFLAR	1	RARRES2	6	C17orf62	1
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ASB2	1	MTMR3	6	SRRM5	1
C16orf70	1	PCGF2	6	ACVR1	1
CLRN2	1	CADPS	6	SAPS3	1
SLC35D1	1	PLCL2	6	C5orf62	1
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IL7R	1	C3orf16	5	ZNF354B	1
ARAF	1	MEOX2	5	C6orf48	1
GRM6	1	FAM190B	5	SNORD48	1
NOTCH3	1	CDH8	5	SBK2	1
PRDM2	1	NCL	5	MMP2	1
MARS2	1	CCDC62	5	RUNX2	1
VPS37B	1	PIGQ	5	C8orf76	1
GYPE	1	AARSD1	5	SH3TC2	1

C8ORFK29	1	S100A3	5	CCND1	1
RAB5B	1	TFAP4	5	ARMC5	1
C3orf39	1	HTR1D	5	HMHB1	1
SLC2A11	1	ZNF821	5	TGM3	1
MYO5B	1	RHOG	5	MAP2K2	1
C19orf41	1	C14orf64	5	DGAT1	1
OAZ1	1	HOXD8	5	C22orf15	1
COQ9	1	HPCAL4	5	LOC731789	1
CIAPIN1	1	CCDC36	5	CHERP	1
GCDH	1	PHF15	5	RAB38	1
LCE5A	1	MIER1	5	MARGPRE	1
SGCD	1	WDR78	5	HIGD1C	1
ZFR	1	ARHGAP30	5	DPP4	1
TMED1	1	PABPN1L	5	NUP50	1
PON1	1	AP2M1	5	FAM91A1	1
RTKN	1	DBX2	5	C6orf108	1
IVD	1	ATP6V1B1	5	CLEC5A	1
HERC1	1	FAM26F	5	PNMA5	1
IP6K2	1	ACR	5	TMEM106B	1
TGS1	1	TFF2	5	ABCC5	1
RNF4	1	SNORD16	5	AUP1	1
PMCHL2	1	FAM55C	5	DQX1	1
TMEM105	1	TRIM17	5	NCF4	1
ODF2L	1	SLITRK5	5	FAM126A	1
SELO	1	CECR4	5	HBII-52-27	1

ADIPOR2	1	GNPTG	5	KCNS1	1
PFN1	1	MYH1	5	LTC4S	1
SMPDL3B	1	HCLS1	5	LSM12	1
CD164	1	C10orf128	5	HAL	1
ITGAX	1	MYBPHL	5	GDPD1	1
RGSL1	1	MIR140	5	PPY	1
FAM138D	1	FZD6	5	ARL6IP6	1
MB	1	EML4	5	PRPF40A	1
GTF2A1	1	USP24	5	MIR1253	1
LMAN2	1	CA7	5	AQP1	1
TMEM82	1	TRAPPC5	5	PLXNA1	1
USP18	1	LOC257358	5	UBC	1
CASC5	1	GPR182	5	KRT19	1
OTUD4	1	KRTAP10-10	5	MTUS2	1
RNU5E	1	RP1	5	ATP10B	1
RNU5D	1	C3orf25	5	ATF7	1
ZCCHC9	1	RICH2	5	LHCGR	1
IRS4	1	C15orf33	5	ADAM19	1
ERCC6	1	CTDSP1	5	ANP32A	1
PGBD3	1	WDR51A	5	FAM86A	1
ITIH5L	1	RBM17	5	METTL9	1
CXorf21	1	LOC400927	5	PAX9	1
PFDN4	1	SDC4	5	C1orf58	1
DNAH3	1	DNASE1L2	5	AIDA	1
PHLDA2	1	RGS5	5	ST8SIA6	1

ABCG2	1	WDR33	5	MPV17L	1
PACS1	1	SH2D5	5	FKSG29	1
NUDT21	1	PRR3	5	SLC12A4	1
OR2W1	1	TXNL4B	5	RNASEH1	1
MC1R	1	SNHG3-RCC1	5	NBL1	1
KLRG2	1	RCC1	5	SAV1	1
PDCD7	1	TNFRSF10B	5	UNG	1
FNDC3A	1	BPHL	5	ASPRV1	1
PTPN13	1	GUCY2C	5	C7orf49	1
PODXL	1	FGF14	5	MAPK8IP2	1
SEC13	1	COX6A2	5	LRRC36	1
C20orf166	1	CLDN15	5	UBP1	1
C20orf200	1	SPDEF	5	PCNXL2	1
MSL1	1	LYPD1	5	SH2D2A	1
SLC25A46	1	SETMAR	5	GNGT1	1
FAM43A	1	SLC24A6	5	SDHB	1
OR2T6	1	DFNB31	5	VAX1	1
NCOA6	1	HTR3C	5	LOC100132831	1
C7orf55	1	DEPDC6	5	FAR1	1
S100P	1	ANXA3	5	ADAD1	1
PHACTR2	1	MAP2K1	5	LASS5	1
NFIL3	1	WFDC2	5	FANCI	1
ALDH1L1	1	SOHLH1	5	RWDD2B	1
MYB	1	MC2R	5	RFX6	1
PSCA	1	SNAP29	5	C7orf31	1

TBC1D25	1	PHYHIP	5	RRAD	1
TEKT4	1	VWA3A	5	DGCR8	1
RAMP1	1	TRIM72	5	SLC7A5P2	1
CD164L2	1	LRRC4	5	NTRK3	1
TEKT5	1	RSRC2	5	SERPINA1	1
ITFG2	1	MIR1976	5	MYO18B	1
AP2B1	1	SEMA7A	5	CYP26B1	1
CCDC127	1	KRT5	5	FAM150B	1
OTX2OS1	1	PROKR2	5	LAMB4	1
ZBTB16	1	SRMS	5	NOM1	1
ALDH6A1	1	TBC1D5	5	SLC24A4	1
ACER3	1	RARB	5	C19orf21	1
DLGAP4	1	PRSS42	5	MT1H	1
BDH2	1	OLFML2A	5	CACNG5	1
PLA2G3	1	ABCB9	5	TRIT1	1
UGT2A2	1	LPPR2	5	DNAJC1	1
UGT2A1	1	OR9Q2	5	RECQL5	1
SCNN1B	1	DLX3	5	FHAD1	1
TM6SF1	1	CIZ1	5	NDUFB11	1
ATAD5	1	KLHDC8A	5	HSD17B13	1
C13orf26	1	MLLT4	5	ERLIN2	1
PRKAG3	1	NEDD1	5	PIK3R3	1
MFSD6L	1	TMTC2	5	RIOK1	1
RPL19	1	C13orf26	5	DUSP6	1
FAM115A	1	INSR	5	PMS1	1

ESYT1	1	BIN1	5	CTSG	1
WNK1	1	KCNJ6	5	EPHA10	1
HSN2	1	FAM120B	5	SNX27	1
AUH	1	PPAPDC1A	5	NOTCH2	1
NLN	1	ISYNA1	5	LOC121838	1
ZNF514	1	RAB6B	5	C1orf216	1
TMOD4	1	EPN1	5	KLHL24	1
MLKL	1	TRAF3IP3	5	PRTFDC1	1
NKAIN4	1	TMPRSS9	5	GABARAP	1
RPH3A	1	C7orf49	5	DIO3OS	1
HSPH1	1	CAPN10	5	C6orf103	1
LRP1B	1	TAC3	5	CHD8	1
GTPBP3	1	ARPC4	5	SNORD8	1
C2orf53	1	SPNS1	5	POTEF	1
SPATA1	1	ATN1	5	ZNF649	1
GNG5	1	RNASE10	5	SCNN1G	1
LYSMD4	1	ONECUT1	5	KIAA1409	1
SLC41A2	1	FRG1	5	MYH16	1
SMC1B	1	RFXANK	5	SYT11	1
ADCY3	1	C1orf210	5	FAM12A	1
C1orf228	1	RNASE7	5	DDX5	1
MIR548F3	1	C20orf165	5	LCK	1
CTNBL1	1	CTSD	5	LRFN4	1
SP7	1	CEP63	5	FEZ1	1
ZSCAN22	1	MIR647	5	MIR518C	1

SOX5	1	CD97	5	CHRM2	1
EFEMP2	1	EVI5	5	SNORD89	1
PFAS	1	SLC43A3	5	KIAA0146	1
JAK2	1	OPRM1	5	UPP1	1
IQSEC3	1	SNORA8	5	FLG	1
KRTAP6-2	1	LGI1	5	BCAP29	1
SNX1	1	SRF	5	C21orf34	1
CDK19	1	LOC647979	5	TAF1D	1
NAIF1	1	TSPY4	5	APCDD1L	1
ZNF702P	1	HMGA1	5	CCDC77	1
BBS9	1	LDB1	5	GOLT1B	1
ARHGEF19	1	GPR56	5	RECQL	1
TBL3	1	ACN9	5	FAM132A	1
ZC3H12D	1	CAPN9	5	CLDN4	1
YWHAQ	1	CAMK2G	5	SIM1	1
SEPT2	1	PADI2	5	TTC8	1
ABT1	1	CDC42SE1	5	ATP6V1E1	1
ZNF707	1	DQX1	5	R3HDM2	1
DHRS7B	1	B3GNT3	5	AK5	1
WNT2	1	C5orf56	5	GIPC2	1
SLC16A11	1	CA6	5	MYOF	1
CNTN6	1	MEFV	5	LOC100192378	1
C5orf38	1	C15orf26	5	RPL31	1
SLC2A3	1	GFI1B	5	DHX16	1
CSDAP1	1	DTX3L	5	GPR77	1

CCL22	1	SLC11A1	5	BTRC	1
UBE2CBP	1	GLYR1	5	DUT	1
EFCAB4A	1	SNCAIP	5	RBM47	1
ACSL5	1	SNORD42A	5	SETD4	1
DPF2	1	SNORD83B	5	C3orf31	1
MIR493	1	BCL6B	5	MARCKS	1
CFDP1	1	MIR1977	5	NOMO2	1
ASPDH	1	IRF7	5	ARHGEF12	1
RASGRF1	1	DYDC2	5	C14orf184	1
NCAPH	1	PPARD	5	SH2B1	1
RNF5P1	1	REEP4	5	DEFB4	1
RNF5	1	MAPKAP1	5	AXIN1	1
CCT8L2	1	RPL31	5	TRIM36	1
HCG2P7	1	CHERP	5	CHRNB4	1
SBDS	1	SBK1	5	TMEM212	1
MRGPRX4	1	DTHD1	5	SUPT16H	1
MINPP1	1	SEPT6	5	GRB7	1
TYR	1	ZNF385D	5	CNNM2	1
SDHC	1	FXR2	5	ZNF697	1
LOC642502	1	ITGB5	5	UGDH	1
ARL5C	1	GRB7	5	EED	1
PRDX6	1	FMO2	5	HAPLN1	1
PRDXDD1P	1	WFS1	5	GPR146	1
FAM36A	1	OR1M1	5	APOBEC3D	1
SLC22A14	1	KCNQ3	5	PTPN22	1

CORO7	1	STRADB	5	LMO4	1
PILRB	1	TREM2	5	UBR2	1
GMPR	1	CPEB3	5	WNT4	1
C9orf69	1	PTPN23	5	C8orf12	1
NBEAL2	1	LOC340074	5	FAM167A	1
HDGFL1	1	GAPDHS	5	PHTF2	1
SFRS9	1	C17orf107	5	TMEM60	1
C3orf24	1	ATG4B	5	FLJ35220	1
WDR90	1	C14orf166B	5	SRP14	1
VPS26A	1	MIR329-1	5	LAIR2	1
LOC651250	1	BIRC7	5	PTH2R	1
HSPA12A	1	CTTNBP2NL	5	ARL1	1
CBFB	1	RGS19	5	PFN2	1
PFKFB2	1	ATP2A2	5	GDF7	1
FAM49B	1	NUBPL	5	ZNF488	1
LOC100287216	1	LECT1	5	TFEB	1
CSNK1A1	1	PRELP	5	FBXO16	1
C11orf66	1	DEFB129	5	SLC13A2	1
SUGT1L1	1	C4orf34	5	TMEM178	1
MIR621	1	SERPINF1	5	PER1	1
JRK	1	WDR37	5	TMEM204	1
MET	1	ZNF362	5	IP6K3	1
OR9G4	1	WDR49	5	KIR3DX1	1
KRT23	1	TMEM115	5	AKR1CL1	1
DENND1B	1	LOC100131551	5	AAAS	1

FAM84A	1	CALML5	5	SFT2D1	1
DGKG	1	CCR5	5	PCNX	1
YWHAE	1	SH3BP5L	5	SFRP2	1
PAK4	1	ESRP2	5	ORAI2	1
RBM27	1	CTNND2	5	ALKBH4	1
NKX3-2	1	MSMB	5	VPS13D	1
SRF	1	PCDHGB8P	5	CALHM2	1
FAM122A	1	USP35	5	PHB2	1
MS4A3	1	OR2T11	5	EMG1	1
MRPL17	1	OXNAD1	5	GGTLC1	1
SCML4	1	CRYGB	5	SKA2	1
MYH3	1	PRIMA1	5	MIR301A	1
TCP11L1	1	BICD1	5	PTAFR	1
SMAD9	1	CTTNBP2	5	GNG4	1
DTNBP1	1	SELT	5	RNF126P1	1
RAF1	1	C17orf97	5	MLC1	1
PLA2G2C	1	FOXH1	5	CREBL2	1
NPPA	1	ZNF598	5	DGCR9	1
C11orf10	1	BMX	5	ZZZ3	1
FEN1	1	OSBPL9	5	LOC25845	1
SGCG	1	PTBP2	5	GALNTL6	1
IL17RA	1	IGFL1	5	CRIP1	1
ZNF93	1	SLMAP	5	MARCH2	1
DPY19L2P1	1	TMCC3	5	C11orf64	1
CSRP3	1	KIR2DL4	5	CPEB3	1

OR4D2	1	IBTK	5	CANT1	1
PNMAL2	1	C16orf73	5	GRM8	1
ABCA17P	1	ZNF22	5	SMAGP	1
CHRNA7	1	LGMN	5	LEFTY2	1
LRP5L	1	ARSF	5	ELOVL5	1
GPR153	1	LGI3	5	FKBP2	1
C5AR1	1	PABPC3	5	MRVI1	1
PROZ	1	PTPN22	5	C6orf174	1
GSC2	1	TMEM206	5	ARL5A	1
EIF3E	1	CDX1	5	SCAND3	1
ZFP36L1	1	NSMAF	5	STK17A	1
RAVER1	1	SEMA3A	5	PGGT1B	1
ZNF593	1	NT5E	5	HES6	1
UPF1	1	C17orf74	5	GPR101	1
TRIM17	1	TAS1R2	5	PDE6G	1
ECEL1	1	TFEC	5	TOX	1
THAP1	1	MIR365-1	5	ENTPD5	1
ZNF713	1	KIAA1543	5	C14orf45	1
TGM1	1	NBL1	5	C14orf182	1
PPP1R14D	1	SLC4A5	5	HEPACAM2	1
SERPIND1	1	EXOC7	5	DCPS	1
PLD4	1	CCDC46	5	PDZD8	1
ZSWIM7	1	TICAM2	5	ADAM6	1
TTC19	1	SLMO1	5	C2orf76	1
FAM181B	1	C1orf216	5	DBI	1

NBPF10	1	SLC7A5P1	5	ESCO2	1
MAGEL2	1	PHF13	5	LOC154761	1
RPIA	1	MYH4	5	TRAPPC2	1
TRIM24	1	CCNL1	5	OFD1	1
ING5	1	DKFZp434L192	5	GPX3	1
EPHA1	1	MYOZ1	5	C21orf15	1
PELI2	1	LOC728613	5	MGC23270	1
LOC100130093	1	LOC100288797	5	PARP9	1
ALS2CR11	1	ADO	5	DTX3L	1
SLC38A5	1	SLC1A6	5	DDX4	1
GUCY2D	1	NACC1	5	AGA	1
LOC100133308	1	HVCN1	5	SUSD4	1
KRTAP6-1	1	CCDC28B	5	SNORD115-11	1
SIPA1L1	1	ARSB	5	SNORD115-36	1
IL18BP	1	ACTN4	5	SNORD115-43	1
TCL1B	1	CYB5R3	5	SNORD115-29	1
C20orf95	1	CCNA1	5	C1orf106	1
ATP5J	1	SLC18A2	5	HTR3E	1
GABPA	1	TJAP1	5	KLHDC7A	1
CENPB	1	MSC	5	FAM151A	1
SLC41A1	1	RAB35	5	EML1	1
FOXA2	1	AGXT2L2	5	PYROXD2	1
SCAMP1	1	MST1P2	5	RSPO2	1
TCAM1	1	RNASEH2B	5	P2RX4	1
GNA11	1	TAF15	5	SLC4A4	1

STX18	1	IL20RA	5	RNH1	1
BCAM	1	TMEM45B	5	GDF11	1
C12orf53	1	C10orf55	5	DDRKG1	1
AMFR	1	RECQL4	5	ABCD3	1
LRRC4B	1	HDAC7	5	AMN1	1
HPCA	1	PLEKHA4	5	HIVEP1	1
HOXA1	1	MIRLET7A3	5	OSMR	1
MIR328	1	ACSS1	5	INGX	1
RAB1B	1	CYP46A1	5	RAB6A	1
KLHL8	1	RPH3A	5	XIAP	1
SYTL3	1	OCLN	5	FGF12	1
BDH1	1	IFT88	5	LRRC49	1
C12orf56	1	PEX6	5	SLC8A2	1
SCARNA6	1	EEF1A2	5	ZNF808	1
IBTK	1	PLCD4	5	KLHDC7B	1
SLCO4A1	1	IL25	5	FLJ45340	1
PPFIA3	1	TM7SF4	5	SR140	1
ASB18	1	FXYD2	5	HSP90AB1	1
RALY	1	USP34	5	GUSBL2	1
CCDC85B	1	DLEU7	5	PSG8	1
B3GALT4	1	ELMO3	5	KCNE4	1
SOD1	1	KIAA1984	5	HEBP1	1
PTP4A1	1	SLC26A5	5	RAB4A	1
LRCH3	1	RNF14	5	ANKRD36BL1	1
GNA15	1	BEAN	5	SEPHS1	1

KCTD21	1	DYNLL1	5	HIST3H3	1
FRS2	1	TPK1	5	MORF4L2	1
THRB	1	ABCG1	5	SPRED1	1
WDR87	1	GREM2	5	RLN3	1
SNORD114-15	1	LIME1	5	C5orf27	1
SNORD114-14	1	LMO3	5	CHKA	1
SLA	1	FBXW7	5	UNCX	1
FAM129B	1	HLF	5	MRPS16	1
ZNRF1	1	SNORD12	5	NPC1L1	1
CFL1	1	MYL2	5	FNDC7	1
C6orf201	1	TPD52L1	5	RPL37	1
KLRC3	1	MIR376B	5	MAP3K2	1
CYP2F1	1	CDC42BPG	5	TCEA1	1
SPATA24	1	FBP1	5	IMPA2	1
SHCBP1	1	MME	5	PARVB	1
C2orf85	1	TMPRSS5	5	CARD14	1
OR1A2	1	ACSL3	5	ZNF562	1
C9orf91	1	RTN4IP1	5	GPR45	1
C19orf26	1	TET3	5	H1FX	1
CENPN	1	CLEC4D	5	C3orf47	1
C16orf61	1	IL1RL1	5	LRRIQ3	1
RAD18	1	KRTAP5-4	5	TNNI3K	1
DYNC2H1	1	GAS2L1	5	FPGT	1
BIRC8	1	ADAMTS8	5	ZNF295	1
CX3CR1	1	CHST6	5	HEATR1	1

PKP2	1	PHAX	5	UQCRFS1	1
NGFR	1	ATCAY	5	TFAMP1	1
CLPTM1	1	LOC389333	5	TNR	1
COPS7A	1	C17orf73	5	AIFM1	1
PLXNB3	1	SMAP1	5	KRT6B	1
LOC100132354	1	LYSMD1	5	RAD9A	1
CCDC112	1	SCNM1	5	ANKRD18A	1
NAA16	1	DOC2A	5	C9orf122	1
PSMA2	1	FAM193B	5	RALA	1
MRPL32	1	TPD52	5	CD79A	1
CDH12	1	ZNF324	5	OR2H2	1
PMCHL1	1	CACNG8	5	CNTN3	1
DCDC1	1	CCR1	5	PSTPIP1	1
MIR30B	1	NRF1	5	FBXO18	1
TFAP2E	1	C7orf31	5	LRP8	1
TMX2	1	AIFM2	5	GP9	1
GLIS2	1	SHD	5	SOX13	1
CPSF7	1	BST2	5	PRPF18	1
SDHAF2	1	DSG1	5	SERF2	1
GPR83	1	RBPJL	5	TRPM7	1
KIAA1958	1	PTGIS	5	GUSB	1
BAHD1	1	TIAM1	5	GPR4	1
POLR2J4	1	CYP1A2	5	WAC	1
SPDYE1	1	LOC728743	5	SOCS2	1
RIBC1	1	SLC17A2	5	AASS	1

HOXD12	1	SSH2	5	KIAA0495	1
RGPD8	1	HNF1A	5	FTH1	1
RGPD5	1	C3orf52	5	SFTPB	1
BAZ2B	1	ELTD1	5	BBC3	1
TTLL3	1	LCE1D	5	SPDEF	1
SAA4	1	KIAA0564	5	INTU	1
GFAP	1	MICALCL	5	C2orf57	1
SCARA5	1	TBC1D9B	5	RNF11	1
DLL1	1	SEPW1	5	SEC11C	1
SPATS1	1	LRFN2	5	NDUFAF4	1
SLC26A1	1	ZNF595	5	SULT6B1	1
CADM2	1	CTSE	5	SNORD116-24	1
RNF152	1	VAV3	5	UGT1A1	1
MIR92B	1	ARL11	5	CEP350	1
CLEC4D	1	S100A8	5	HIST1H2BE	1
OR2A14	1	PTPRR	5	ARL11	1
DDX6	1	ZIC2	5	EFHD1	1
CAPN1	1	MIR551A	5	PRKD1	1
ORAOV1	1	ZNRF4	5	MST1R	1
MMP25	1	MTG1	5	C1orf56	1
SLBP	1	FAM107A	5	BNIP1	1
NAT15	1	CNPY3	5	USP43	1
KRT6A	1	PPP3CA	5	PROCR	1
UBE3A	1	TNFSF13B	5	RPS19	1
MRGPRF	1	SGMS1	5	C10orf58	1

TPSD1	1	CLEC10A	5	MID2	1
FAM50B	1	IFI30	5	PTCRA	1
MFSD2B	1	RNF170	5	TATDN1	1
PEX16	1	XPNPEP3	5	C11orf71	1
AKIRIN2	1	GPR120	5	RBM7	1
MYC	1	LOC100287216	5	PAFAH1B3	1
ZNF391	1	BRPF3	5	EGFL6	1
C1orf173	1	GPNMB	5	C8orf80	1
NRCAM	1	C2orf89	5	ATR	1
MYLPF	1	C13orf31	5	ANAPC7	1
ACTL6A	1	MYO1A	5	TMEM217	1
DEFB124	1	DMRTB1	5	PIK3CD	1
REM1	1	ACVR1B	5	NKX6-3	1
WDR47	1	FAM180A	5	TCTN1	1
CERK	1	SLC25A29	5	NELL2	1
MIR140	1	PAPD5	5	OR2AK2	1
SETD5	1	SEMA3C	5	EXOSC9	1
LOC440944	1	C22orf42	5	SPO11	1
SFRS8	1	LPAR6	5	RBM33	1
PRICKLE3	1	TNRC6A	5	NCAM1	1
UST	1	GIGYF1	5	SCARF1	1
C5orf24	1	CCL13	5	WASF3	1
CABP2	1	MIR1182	5	AQP10	1
SLC25A36	1	IGFL2	5	CD83	1
PRIC285	1	OGDH	5	RIC8B	1

ZNF197	1	RANBP17	5	WDR74	1
FLJ36031	1	NARFL	5	S100A7A	1
SAPS1	1	BLVRA	5	SEMA6B	1
CD63	1	GNRH2	5	PPP1R10	1
CACNG6	1	C20orf46	5	CENPV	1
PHC3	1	SLCO5A1	5	PARP4	1
NCAPG	1	DUSP8	5	ARHGAP30	1
DCAF16	1	MSX2	5	ATP6AP2	1
MIR572	1	SBSN	5	PTTG1IP	1
ETS1	1	C2orf58	5	C1orf92	1
NUBP1	1	LYRM1	5	IER3IP1	1
MYOM3	1	DCUN1D3	5	RPS6KB2	1
PRR25	1	ANKRD46	5	ZNF653	1
ABI1	1	MYEOV	5	SPACA3	1
LCP1	1	SH3RF1	5	CCRN4L	1
CC2D2B	1	RFX1	5	RNF44	1
PMFBP1	1	PHOX2A	5	LHX1	1
ZNF26	1	SLC36A3	5	CCDC64	1
MORG1	1	IPO5	5	CLDN3	1
MAST1	1	NKG7	5	TAC3	1
C20orf107	1	MYL7	5	ATG7	1
PRELID2	1	GPR25	5	ETF1	1
SNAR-G1	1	UNC93B1	5	ERF	1
VGFB	1	CYTIP	5	LOC150381	1
PRKCG	1	VSTM1	5	C22orf26	1

HRH2	1	CNTN6	5	GCK	1
METTL2B	1	C18orf20	5	IGFBP3	1
ASIP	1	TMEM92	5	PPP5C	1
ZNF746	1	WDR82	5	GLOD4	1
DKFZp434L192	1	VSIG2	5	RNMTL1	1
C2orf90	1	PIK3C2G	5	UCN2	1
C3orf33	1	ATP13A5	5	HEPHL1	1
ZNF783	1	C20orf202	5	ZNF2	1
LOC442459	1	CCDC83	5	SNURF	1
SGCE	1	CALML6	5	AKT2	1
PEG10	1	ACLY	5	TAF15	1
FXVD4	1	ORAI1	5	SMAD5	1
GJB2	1	TGFB1I1	5	SMAD5OS	1
CCDC86	1	GGTLC1	5	SNRPD1	1
FAM9A	1	CPA4	5	CPNE4	1
TCOF1	1	STAC	5	TRIM13	1
CCDC65	1	CLRN2	5	DLEU2	1
KCNG1	1	YTHDC1	5	EEF1DP3	1
DRP2	1	FNBP1L	5	PDE2A	1
C6orf118	1	LGALS8	5	MYH7B	1
ADAM2	1	CDK2	5	TINAG	1
SIX3	1	PPHLN1	5	CLEC4A	1
GFRA3	1	PDZRN4	5	SCAMP5	1
SLC25A41	1	KHNYN	5	MACC1	1
CD247	1	CBLN3	5	TUBGCP4	1

YTHDF2	1	FOXN4	5	OR6M1	1
BPI	1	HGC6.3	5	BCL10	1
AGBL3	1	ACVR2B	5	SSBP1	1
SNAR-H	1	NAT8L	5	ACBD3	1
RABGEF1	1	CBX5	5	NIPA1	1
DNAJC11	1	SLC8A3	5	SCARNA20	1
CD5L	1	DUSP4	5	OPRM1	1
STK38L	1	EPHB4	5	LILRB2	1
OR10Q1	1	NDOR1	5	TMX3	1
HOXD11	1	SGCZ	5	CCDC102B	1
NR1H3	1	LOC401010	5	PCDHGC5	1
STX1B	1	LOC90246	5	CXCR3	1
C14orf23	1	CCDC144A	5	FN3K	1
FNTA	1	EPB41L1	5	ZNF233	1
DIXDC1	1	TNFAIP8L2	5	NMB	1
HOXB5	1	HSPB6	5	ARF1	1
DCI	1	INPP5B	5	GRIN2D	1
C7orf59	1	G6PD	5	UPB1	1
VDAC2	1	ADAM6	5	SH3GLB1	1
RAD52	1	KLHL1	5	PMS2L4	1
SERHL	1	EPHA10	5	GAS2	1
ANKS3	1	ELSPBP1	5	C1orf53	1
BTBD10	1	C11orf2	5	NYX	1
HCG4P6	1	MYL10	5	PDK2	1
LOC442454	1	ASCL4	5	TMEM233	1

DOPEY2	1	PCDHA2	5	SERPINB1	1
CDK5R1	1	PCDHA1	5	ZNF540	1
CHAF1B	1	PCDHA6	5	ITGA1	1
NXF1	1	PCDHA5	5	MEP1B	1
C10orf57	1	PCDHA3	5	MAP1D	1
LGI1	1	PCDHA4	5	LGI4	1
MIR138-1	1	GPR39	5	SYNC	1
C1orf194	1	C14orf23	5	NAT2	1
STT3B	1	ZDHHC7	5	GPX7	1
PPTC7	1	WTIP	5	RERG	1
FAM21A	1	CHST1	5	ATP8B2	1
KRTAP5-10	1	UBA7	5	PADI1	1
VAT1L	1	COX19	5	OR56A4	1
C2CD2L	1	ZNF487	5	C1orf103	1
PHTF1	1	LPXN	5	TSC22D1	1
GSG1L	1	SCN2B	5	LMO2	1
LOC440905	1	PODXL	5	LLGL1	1
SIGLEC5	1	SLC25A17	5	KCNH1	1
MRS2	1	C6orf118	5	KCTD8	1
PLEKHH3	1	FAM43A	5	TTC7B	1
SEC24A	1	PMP22	5	RNASET2	1
RAB22A	1	CLEC4A	5	LCE1D	1
PPP4R1L	1	MGC70857	5	DAXX	1
TTR	1	DGKE	5	CXADRP3	1
TUBGCP3	1	ELOVL7	5	ZSWIM5	1

MGC16025	1	TRIM59	5	CROCCL2	1
UGT2B15	1	EFCAB1	5	KRTCAP2	1
STARD7	1	TMEM184B	5	GPRC5C	1
MTMR6	1	EPM2AIP1	5	ZER1	1
C9orf171	1	MLH1	5	C17orf64	1
PNKD	1	ITGBL1	5	GLT25D2	1
ZNF215	1	TMEM213	5	TRAF5	1
SCRT1	1	HOXB4	5	C14orf102	1
NEUROG1	1	SEPT12	5	PHRF1	1
RBL1	1	MAP2K2	5	LOC143666	1
PFN4	1	SLC4A8	5	TMX1	1
PICK1	1	EMID1	5	CCDC25	1
POMGNT1	1	TMEM44	5	MAPK10	1
SLC38A4	1	AP2B1	5	LOC728392	1
SNORD116-20	1	MSH4	5	PRPSAP2	1
SNORD116-19	1	TMEM63B	5	SAMM50	1
SNORD116-17	1	MIR300	5	BBS7	1
FAM81A	1	RAB40B	5	ANKRD13A	1
SYPL1	1	ZNRF2	5	C20orf112	1
WSB2	1	S1PR5	5	CDK17	1
PROSC	1	SLC25A37	5	MIR595	1
DMP1	1	RDH5	5	LPXN	1
ADAM30	1	SIRPB1	5	ARPC4	1
OTUB1	1	FOXO1	5	FAM194B	1
PRAP1	1	CAB39L	5	ZNF195	1

ITGA10	1	NUB1	5	RLBP1	1
WDR59	1	HHIP	5	MCCC1	1
PIGP	1	UGGT2	5	PER2	1
OR5H1	1	C9orf167	5	CD226	1
ANXA9	1	PCDH15	5	NFATC4	1
C1orf96	1	LOC645323	5	ACSL1	1
TOP1MT	1	TESSP1	5	SLED1	1
FLYWCH2	1	TMOD2	5	POLR1B	1
CCL24	1	KIAA0495	5	MIR548H4	1
NFE2	1	GNA11	5	SPESP1	1
DKFZp686A1627	1	DAAM1	5	NOX5	1
GEMIN8	1	RNF44	5	SRR	1
DCAF4	1	CEP76	5	SLC30A5	1
LRFN3	1	C15orf53	5	LTB4R	1
PLG	1	CIRBP	5	S1PR2	1
ASF1A	1	AIG1	5	PRSS42	1
SNORD12C	1	FUT3	5	MIR1275	1
ZNFX1	1	KREMEN1	5	TAS2R38	1
DZIP1	1	PIGC	5	PRSS48	1
C17orf69	1	RABL5	5	TRIM71	1
AACSL	1	PRSS21	5	PPIL1	1
CD34	1	NKAIN4	5	DBX2	1
SNORD115-39	1	ATP8B3	5	GOLSYN	1
PRRG2	1	MMP9	5	C8B	1
WDR43	1	HCK	5	C2orf82	1

CLEC2L	1	CAPN8	5	HSPB7	1
MED9	1	PAK2	5	SCARNA2	1
KANK4	1	ZNF704	5	ULK3	1
MED13L	1	PAK4	5	ABCG4	1
GLTPD1	1	KLHL2	5	SIX4	1
CPSF3L	1	NPTN	5	CAMK2D	1
TSPAN17	1	TSGA13	5	SNORD115-19	1
C1orf107	1	C21orf62	5	SNORD115-17	1
PRAME	1	LOC100131496	5	SNORD115-18	1
LOC648691	1	LAMP3	5	ALK	1
OXA1L	1	YPEL1	5	FLJ10357	1
MDM2	1	CNP	5	LOC283392	1
SCGB3A2	1	FFAR2	5	FAM129A	1
RPS27L	1	LOC407835	5	TPM1	1
MARK3	1	NQO2	5	CEP170	1
PIGH	1	LBP	5	POM121L10P	1
CGB7	1	PLA2G4C	5	ZFP92	1
FAM195B	1	PPYR1	5	LY6G6E	1
MCM4	1	AVIL	5	LY6G6D	1
WTIP	1	EFEMP2	5	DEFB131	1
TMEM80	1	NOM1	5	LIMD1	1
BPNT1	1	RNF157	5	ARNT2	1
RASGEF1B	1	C19orf77	5	PRKRA	1
OR2M5	1	CMTM4	5	GLRX5	1
FANCA	1	LOC728875	5	SNHG10	1

BMP2K	1	S100Z	5	CRYGC	1
DEFB133	1	PDIA2	5	RPSAP52	1
RFNG	1	MNT	5	NRXN1	1
ISYNA1	1	TBC1D3P2	5	C20orf103	1
ZNF695	1	CGREF1	5	KIAA0753	1
CXorf56	1	FER	5	TUBB6	1
SLC44A3	1	DNAJC5G	5	FAM178B	1
PCNP	1	ADAMTS5	5	GPR68	1
LOC400696	1	SEPT10	5	KLHDC2	1
MIR639	1	TCP10	5	ZFAND2B	1
TNS1	1	MFI2	5	CBX2	1
ANG	1	PLA2G4E	5	ATP2A2	1
RNASE4	1	NHLRC4	5	TRIM35	1
HAGHL	1	FCAR	5	CYTH2	1
BPIL1	1	JAM2	5	SLC25A22	1
ZNF442	1	ZNF451	5	MMP11	1
FEZ2	1	C2orf66	5	RPUSD2	1
FAM99A	1	ADRA1A	5	NOS1AP	1
BGLAP	1	HPD	5	UBR3	1
CYP3A4	1	LRRC17	5	DDX31	1
MRPL47	1	C5orf38	5	GTF3C4	1
NDUFB5	1	MGC3771	5	IGSF21	1
ASPHD2	1	ARMC4	5	PPP2R4	1
MYH10	1	FGF19	5	C9orf64	1
NODAL	1	THBS3	5	NKIRAS1	1

TLE6	1	RNFT2	5	RPL15	1
RCN3	1	POU4F1	5	DYRK1B	1
C20orf196	1	HIPK3	5	AFG3L1	1
MIAT	1	RHOBTB3	5	CENPBD1	1
PRKAR2B	1	CARD18	5	AGAP11	1
HARBI1	1	PLD5	5	MIR200B	1
LYSMD1	1	CDC42EP1	5	CTDP1	1
SCNM1	1	NEDD4	5	SP6	1
WBSCR28	1	MIR493	5	PTCHD3	1
MYL5	1	AHSA2	5	SARDH	1
LOC100288797	1	CALCB	5	CCDC104	1
MYST3	1	KRT81	5	C10orf4	1
NMNAT1	1	GALNT13	5	ATF4	1
ZNF319	1	ITGA4	5	GAB1	1
C1orf122	1	DEFB124	5	ADRBK2	1
YRDC	1	MINPP1	5	SH3BP1	1
SSX7	1	MCOLN2	5	MAEL	1
HSPA4L	1	TRIL	5	ASTN1	1
P2RY12	1	KRTAP10-2	5	RAB31	1
SLC35D3	1	SYT15	5	FCN1	1
UBE2H	1	SLC20A2	5	DVL1	1
ANKRD22	1	GRK6	5	GYS1	1
NANOS2	1	LRRC55	5	GNG10	1
EEF2K	1	CP	5	DNAJC25-GNG10	1
KCNA1	1	SNORD4A	5	LRRC23	1

ATP13A3	1	PMS2L1	5	CYP4F22	1
GRM5	1	HOTAIR	5	SPDYA	1
KRT2	1	C19orf22	5	DLK1	1
TMEM155	1	WASF3	5	CLEC2D	1
DGCR6	1	SPTBN4	5	GUCA1B	1
FAM18A	1	FUT7	5	DHRS4L2	1
HLA-L	1	ANKRD24	5	C9orf7	1
ERAS	1	OR10H2	5	C5	1
ADAD2	1	CT62	5	ACO1	1
TP53I13	1	SEMA6C	5	OGN	1
GMPS	1	TNFRSF18	5	DLG2	1
SERPINA5	1	CSAD	5	CENPL	1
MSRB3	1	VDR	5	SMARCA2	1
KRT38	1	CSNK1A1	5	NACC2	1
SEMG1	1	HLA-B	5	CRB2	1
LOC339524	1	POPDC2	5	SFXN3	1
CDKN2AIP	1	PYGB	5	PDZD7	1
RAPGEF4	1	SERTAD4	5	UBAC1	1
DNAJB14	1	C4orf45	5	GPATCH1	1
POT1	1	TPH2	5	RNASEL	1
ZNF541	1	RNF182	5	GSS	1
LOC254559	1	MZF1	5	SLC13A5	1
ZNF599	1	IL34	5	LRIG3	1
MMP24	1	SEMA4A	5	C10orf113	1
LEMD2	1	KRT9	5	C1orf49	1

HOXB4	1	KIAA0494	5	TMOD2	1
FKBP4	1	IL17D	5	LYSMD2	1
CDK14	1	CMTM7	5	ANXA2	1
C10orf68	1	TBC1D28	5	IFT74	1
PRND	1	SMOX	5	EFCAB9	1
INO80D	1	GUCY2E	5	PDCD2	1
MTRF1	1	REEP6	5	TRIM16	1
PAN3	1	DTNBP1	5	CKS2	1
LOC100288730	1	FAM83F	5	ECH1	1
C5orf43	1	MIR937	5	FAM32A	1
LSP1	1	RPS6KL1	5	DMRT3	1
ERLIN1	1	MAPKAPK3	5	OPTN	1
ABLIM3	1	PLEK	5	PSORS1C1	1
RGS10	1	MST1	5	PSORS1C2	1
DET1	1	PAPPA	5	PTPRC	1
HIST1H1B	1	CLDN4	5	EPAS1	1
MAGEB1	1	HSF1	5	PAOX	1
PM20D2	1	ATP5G2	5	EYA3	1
MIR519A2	1	PGD	5	VSIG10	1
SPIN2A	1	JPH4	5	OR8I2	1
C1orf151	1	TPSD1	5	RCAN1	1
RQCD1	1	UHRF1BP1L	5	MTA2	1
MESDC2	1	PHLPP1	5	TBC1D2	1
SNX32	1	PCSK2	5	PTPRD	1
PITPNM1	1	ANKRD2	5	NFKB1	1

CACNG1	1	ACAP3	5	CYB5D1	1
PSMG4	1	GTF2F2	5	HAUS6	1
RBBP4	1	SLC9A3R1	5	C4orf22	1
ZBTB8OS	1	PCDH17	5	SLC16A3	1
CRYZ	1	EPHA1	5	DOLK	1
TYW3	1	SPINT3	5	NUP188	1
PHF21B	1	DNAJB8	5	CACNA1D	1
RRM2	1	FBXO32	5	MS4A1	1
ARL13A	1	TEX28	5	SHB	1
ABHD12B	1	GPR68	5	ROD1	1
DPYSL3	1	GPC5	5	PHF2	1
DLEC1	1	SIPA1L1	5	LYPD6	1
NUDT13	1	EDARADD	5	RIT1	1
XRCC3	1	CD53	5	BARX1	1
NTSR1	1	SF1	5	C4orf52	1
C5orf52	1	SHMT2	5	FAM163B	1
MAT2A	1	ARFGAP1	5	C5orf42	1
C11orf45	1	MRPL14	5	FAM182A	1
KCNJ5	1	GARS	5	CDC26	1
BCAN	1	VWC2	5	TRIB1	1
TOR3A	1	CD300C	5	FANCF	1
SALL1	1	ARHGAP6	5	DNM1	1
LIX1L	1	PRSS16	5	TMEM145	1
DDB2	1	AMFR	5	RALGPS1	1
CCL4L2	1	KIR3DX1	5	GNA14	1

CCL4L1	1	C12orf49	5	C14orf147	1
PNRC2	1	ARHGAP20	5	ABCA10	1
SCRN1	1	ATP5A1	5	C9orf93	1
PTGER2	1	LYPD4	5	VPS33A	1
OR2M4	1	EPN2	5	FAM111B	1
STUB1	1	CDON	5	HSPC159	1
NFATC3	1	NLRC5	5	GPC5	1
UBE2V1	1	PPFIA3	5	NR6A1	1
TMPPE	1	SLC9A3R2	5	FSD1L	1
GLB1	1	RPL27A	5	ATAD3A	1
GAGE12G	1	TECR	5	UBTD1	1
GAGE6	1	PCDH1	5	CCDC148	1
GAGE12C	1	TTR	5	SPTLC1	1
GAGE12D	1	FRS2	5	FNBP1	1
GAGE12E	1	RTN2	5	AKAP2	1
ALDH1L2	1	ACTL8	5	COL5A1	1
NCRNA00188	1	CALCR	5	PRDM12	1
C17orf76	1	ABCG4	5	SORT1	1
OR2AG1	1	LAYN	5	DNAJC6	1
GGPS1	1	SLFN12	5	MAPK13	1
ASNS	1	ORAOV1	5	RNF150	1
GTF2E2	1	ZNF101	5	PLCXD3	1
GRIK4	1	CD3D	5	COL15A1	1
ALPI	1	RTN4RL2	5	KCNT1	1
PCID2	1	CDR2L	5	NFIB	1

LOC644172	1	UNC13C	5	PBX3	1
CA5BP	1	RPRM	5	OR2L8	1
PPIAL4G	1	C11orf95	5	SLC27A6	1
PKD1L1	1	MATK	5	MCART1	1
DRAM1	1	FNDC7	5	TIRAP	1
OR52D1	1	C10orf28	5	PLIN2	1
KRTAP10-10	1	TRIM62	5	ZNF367	1
TRAPPC2L	1	ALLC	5	SLC35F4	1
HOXC10	1	RNF187	5	IDH3G	1
S100A10	1	CARD10	5	MOV10L1	1
MT1M	1	AQP5	5	TFAP2A	1
IL2RB	1	SPATA16	5	OR11A1	1
SNORD113-2	1	CRTC3	5	SLC25A20	1
IMPDH1	1	SEMA6D	5	C7orf51	1
CPSF2	1	SNORD124	5	PQLC3	1
KIN	1	SSTR3	5	EHD3	1
CPA5	1	QSOX1	5	DPT	1
DDX52	1	IL1F8	5	E2F1	1
ARL3	1	SNHG1	5	POU5F1B	1
IRF6	1	C1orf125	5	KDM4C	1
PKIA	1	BCL9	5	HCG11	1
NDUFS2	1	LPAR4	5	ARID3C	1
KLHL15	1	CES3	5	ZCCHC7	1
HIST4H4	1	ADCYAP1R1	5	SMYD5	1
ZIC1	1	MYBPH	5	FLJ40292	1

NR3C2	1	AKR1B15	5	C14orf19	1
LOC387647	1	IL31	5	ADAMTSL2	1
MYO19	1	DSPP	5	KLF3	1
PIGW	1	OR8B8	5	FLJ13197	1
OR4N2	1	KCNJ4	5	LOC554202	1
DOK5	1	HCG27	5	CUGBP1	1
ZYX	1	MGC23270	5	ATP2B3	1
FZD3	1	MON1A	5	F12	1
ZFYVE27	1	OLFML1	5	TCL1A	1
UCRC	1	SEMA4D	5	TOMM40	1
SUSD2	1	FAP	5	LOC100190939	1
UBR5	1	FAM176B	5	TPT1	1
SLC25A28	1	KRT14	5	NME2	1
DNAH5	1	KCNH5	5	NME1-NME2	1
ACIN1	1	HOXA6	5	DEC1	1
ASPM	1	MRPL48	5	SECISBP2	1
MIR320B1	1	SLC22A6	5	PI4KB	1
PIR	1	CHD2	5	ODF2	1
PTPN20B	1	AQP9	5	CASC2	1
PTPN20A	1	TPSG1	5	PSMG2	1
HEBP2	1	C14orf93	5	CEP76	1
IGFALS	1	ADIPOQ	5	MRPL19	1
NUMB	1	SLC4A1	5	BICC1	1
ADRB3	1	APLP1	5	FAM69B	1
ISCU	1	PSMD8	5	ARID5A	1

SART3	1	GPATCH8	5	ANKS1B	1
IRF9	1	GPR152	5	VPS37C	1
MIR548Q	1	CIDEC	5	GRIN2B	1
LOC100130872	1	FGFRL1	5	GIPC3	1
ITPRIPL2	1	C13orf28	5	RORC	1
COL5A3	1	MIR575	5	IGSF8	1
RAB15	1	PRELID2	5	GDF15	1
VPS45	1	ASIP	5	SNORD114-21	1
OR5H6	1	NEK7	5	ZNF169	1
SYT16	1	FGFR1OP2	5	IKZF2	1
PEX5	1	PEG10	5	SLC1A4	1
CIITA	1	LILRB5	5	LYRM4	1
SERGEF	1	LSM7	5	BSPRY	1
NR1H2	1	CCDC86	5	UBE2A	1
BTG4	1	EPCAM	5	SLC22A3	1
C11orf88	1	TRIM36	5	LCN1	1
MIR34C	1	ACPT	5	CUL7	1
NFRKB	1	CDKN1A	5	MSMP	1
ITIH3	1	KLC3	5	KCTD15	1
ZNF273	1	ANXA11	5	EXOSC2	1
SHBG	1	ALOX12B	5	PPP3R2	1
SAT2	1	FAM174B	5	GRIN3A	1
ARMC2	1	ESYT2	5	PRR18	1
ADAMTSL3	1	FAM82A1	5	SULT1C4	1
ZNF626	1	DPP9	5	ZFC3H1	1

SNORD116-8	1	PITPNA	5	ANGPTL6	1
C11orf68	1	BANF2	5	CCR3	1
DRAP1	1	SNRPB2	5	CCL15	1
VASH2	1	KIAA1908	5	CCL14-CCL15	1
ZNF264	1	TIMM13	5	ARHGEF18	1
OR10AG1	1	FAM109A	5	STX3	1
CRK	1	LCE1B	5	SH3BP5	1
MIR618	1	ZNF469	5	OR2A25	1
PTPRCAP	1	CDK5R1	5	FXN	1
KCNK7	1	PKD2L2	5	C9orf5	1
C16orf55	1	LYVE1	5	ZNF259	1
RAD54L	1	SGK2	5	KIAA1267	1
NR5A2	1	PPFIA1	5	ASTN2	1
WBP1	1	PANK1	5	SNORA64	1
ABCA7	1	TSPAN11	5	DUSP14	1
TCHHL1	1	LOC653486	5	TOR2A	1
MEFV	1	ATG2A	5	HNRNPA1	1
RAB6B	1	PDIA5	5	HNRPA1L-2	1
ALOX15	1	LIG4	5	CBX5	1
GUCA2A	1	TENC1	5	RSPH10B	1
SLC16A10	1	GDF5	5	RSPH10B2	1
BAT3	1	POM121L1P	5	SLC24A2	1
CT62	1	KCNH3	5	ZBTB43	1
DKFZP434L187	1	C9orf171	5	WDR89	1
HTRA1	1	CLCN1	5	C9orf173	1

C6orf153	1	TNNI2	5	MFAP1	1
TPTE	1	LIN28B	5	GFRAL	1
PDXDC1	1	TRAF7	5	STH	1
SLC47A2	1	LDLRAD1	5	CD300E	1
ELP4	1	ST3GAL6	5	GNAQ	1
NDUFS8	1	CACNG1	5	AP3M1	1
ACLY	1	CAB39	5	WDR34	1
NCAPG2	1	PLD2	5	ZNF732	1
STK32A	1	KYNU	5	S1PR3	1
CSTF1	1	LOC100128003	5	BAT2L1	1
LOC100132963	1	POP7	5	CLCN6	1
F13A1	1	ZNF648	5	MTHFR	1
LOC100129550	1	LOC285696	5	GFI1B	1
COX7A2L	1	OR52B4	5	RASGRF2	1
PLEKHF1	1	PER2	5	MYH15	1
MRPS34	1	FAT4	5	CREG2	1
EME2	1	NDUFS1	5	GPSM1	1
INTS4	1	USP42	5	LHX6	1
LOC162632	1	KANK4	5	ADAMTSL1	1
CNOT4	1	APCDD1	5	SLC26A5	1
HAUS2	1	CETP	5	RGNEF	1
OR8K1	1	CPSF3L	5	PRKD3	1
AGBL2	1	RXFP4	5	CCDC47	1
CMTM6	1	EXOC3	5	OR6N1	1
LCNL1	1	NBR2	5	FAM120AOS	1

ADAMTS18	1	ARID5A	5	FAM120A	1
MBD1	1	PKP4	5	ZNF532	1
C17orf87	1	C2orf82	5	MRFAP1	1
C17orf93	1	RASGEF1B	5	NTNG2	1
MYH4	1	LOC642587	5	ZNF815	1
ZNF610	1	SLC9A2	5	C9orf25	1
PIGA	1	BARX2	5	ZAP70	1
RNF217	1	SHE	5	AFAP1	1
STAR	1	TCL1A	5	LOC84740	1
CLNK	1	EFHC2	5	OLFM1	1
MSL2	1	CA12	5	KIAA1530	1
HOXC12	1	LRRC7	5	LOC145837	1
CD69	1	SEL1L3	5	LONRF2	1
KCTD9	1	PDIA6	5	SLC9A9	1
SNORD58A	1	APOD	5	ZNF641	1
RPL17	1	CCKAR	5	ERCC2	1
KISS1	1	GJA3	5	SH2D3C	1
MIPEP	1	DNAH6	5	GPR21	1
ANAPC1	1	CDT1	5	RABGAP1	1
ADAM5P	1	MYL5	5	BATF3	1
GNPDA1	1	C6orf94	5	RAD50	1
ZNF525	1	SEC24D	5	NDOR1	1
GOLGA8E	1	OSCP1	5	FAM46B	1
CXCL3	1	GP1BA	5	EFNA1	1
CRCP	1	ABCC3	5	TNFRSF9	1

LOC729121	1	ADAMTS4	5	KIAA1671	1
PLK1	1	C10orf107	5	CYP51A1	1
ZNF747	1	MOBP	5	URM1	1
C18orf10	1	PGLYRP3	5	GABBR2	1
KIAA1328	1	MIR939	5	ASPN	1
SLC25A4	1	GPR126	5	RABEP1	1
OR3A3	1	TCF7	5	TCF7	1
HERC6	1	GOT2	5	LOC100287834	1
KCNC4	1	EMB	5	AIG1	1
PLBD1	1	SVOPL	5	TCTE1	1
FAM25A	1	CCKBR	5	YY1AP1	1
BCOR	1	CLTC	5	ZACN	1
MIR1258	1	C7orf57	5	SLC39A3	1
ZNF385B	1	DMTF1	5	EML3	1
SPHKAP	1	TRAF1	5	ROM1	1
FADS2	1	MIR548A2	5	UGT2B7	1
BRP44	1	MAP4K2	5	C3orf70	1
PGD	1	CDC14C	5	SERPING1	1
C20orf111	1	NOS1	5	RINL	1
FAM179A	1	KRT38	5	NKTR	1
OMG	1	GPR77	5	CCDC144A	1
RFWD3	1	RPSAP52	5	BRPF1	1
KIR3DL2	1	BRCA1	5	DUSP7	1
SETD6	1	C21orf34	5	MARCH8	1
GSDMB	1	MXD3	5	SOCS3	1

TPRKB	1	KIR3DL2	5	SCUBE1	1
LRRC59	1	NCAPG2	5	SH3GL1	1
WFDC6	1	UVRAG	5	KRTAP3-3	1
C4orf44	1	FIP1L1	5	SLC35E1	1
CUL2	1	TGFB1	5	B3GNT3	1
KLKB1	1	TMCO7	5	KLK6	1
UBFD1	1	TFPT	5	KCNB1	1
EARS2	1	CCL2	5	MICAL3	1
KLHDC10	1	TRPS1	5	LRRC24	1
TMEM86A	1	TULP3	5	RDH10	1
KCNG3	1	SLC13A3	5	ANKRD30B	1
MAPK4	1	HS3ST1	5	ASAP2	1
VWA5A	1	MEF2C	5	CASS4	1
ROGDI	1	C6orf103	5	GUF1	1
LOC285501	1	IL3	5	NADK	1
KSR1	1	CCDC105	5	CDKN2AIPNL	1
GDAP2	1	DNAH12	5	MIR517A	1
WDR3	1	PCDH12	5	THUMPD1	1
KCNK15	1	GPR156	5	STRN4	1
VHLL	1	OPTC	5	APBA3	1
GALNT7	1	KCNB1	5	PWWP2A	1
MIR1910	1	PLAC9	5	PLIN3	1
LY6D	1	FBXO34	5	POLR3K	1
GPR179	1	PTGER2	5	MRPL16	1
NUDT6	1	ODF3	5	EEF1D	1

ITGAD	1	GSG1	5	TIGD5	1
FAM115C	1	HPGDS	5	OR2B11	1
ADAM7	1	C17orf99	5	ANKRD56	1
MSI2	1	COCH	5	DPPA4	1
DRG1	1	OR2H2	5	HRH1	1
SIGLEC15	1	PPP2CB	5	DEFB104B	1
TPSAB1	1	SH3BGR	5	DEFB104A	1
PSME2	1	NPHS1	5	TNFRSF10B	1
THOC4	1	CREM	5	HABP2	1
OR1E2	1	VPS28	5	CYYR1	1
ATP7A	1	APOLD1	5	FOXP1	1
PGAM4	1	TSPAN12	5	C1QL4	1
CNRIP1	1	FARP2	5	FAM193A	1
HNRNPUL1	1	PCDHGC5	5	SARM1	1
ZNF862	1	FBXW11	5	TNFRSF13C	1
CHST11	1	APOBEC4	5	DLGAP3	1
IL4R	1	KLF16	5	ALS2CL	1
MIF4GD	1	IMPDH1	5	RAB40B	1
PMS2L11	1	C14orf49	5	TLE3	1
GALNTL1	1	ZNF706	5	KRTAP4-4	1
HSPB6	1	MUC20	5	LOC150776	1
C19orf55	1	MYST2	5	IFNAR1	1
CMTM5	1	GPRIN1	5	GRK7	1
IL25	1	C9orf5	5	ITM2B	1
S100A12	1	MAP6	5	MRPS9	1

LIMD2	1	CCDC3	5	SUMF2	1
ACADM	1	NR3C2	5	HTN3	1
DIS3L	1	OGFR	5	KIAA0649	1
SLN	1	CD300LD	5	AGK	1
EIF2C4	1	MAL	5	SPAG4	1
SSX2IP	1	HAND2	5	SNORD56B	1
OR2G6	1	ARHGEF15	5	CYC1	1
CMTM1	1	MGC26597	5	PDE4A	1
CKLF	1	GUSBL1	5	CCDC50	1
FAM90A1	1	DIP2A	5	MFSD10	1
ORAI3	1	P4HA2	5	C11orf9	1
HEYL	1	ALOX12	5	GAPT	1
TRAF3IP3	1	ISM2	5	OSGEPL1	1
HIST1H1T	1	COL5A3	5	KRTAP4-9	1
DAP	1	SEC1	5	KRTAP12-3	1
C3orf52	1	CDC42EP3	5	PACSIN3	1
MIR567	1	SYNGR3	5	EXOC3	1
ZNF204P	1	TMEM159	5	LOC100130331	1
GLDC	1	LOC342346	5	SYCP2L	1
LOC340508	1	IL1F9	5	GLTSCR1	1
MIR1826	1	C1orf226	5	PML	1
KRTAP20-3	1	SCN4B	5	MEP1A	1
GLYATL2	1	FAM110A	5	ZNF83	1
LIPT1	1	GLDN	5	ZNF662	1
TSGA10	1	ZC3H14	5	BMPR2	1

TMEM150C	1	SDR16C5	5	ATF1	1
PPCDC	1	ANPEP	5	STIM1	1
IKBKE	1	SLC22A1	5	RBKS	1
TUBB1	1	EIF3G	5	LOC100302650	1
C20orf26	1	C11orf68	5	TSLP	1
CRNKL1	1	C1orf126	5	ZNF441	1
BRD7	1	CRK	5	ACBD6	1
TMEM144	1	TGM1	5	LOX	1
LOC284661	1	BRUNOL5	5	CDC34	1
F8	1	GIT1	5	ANKRD39	1
H2AFB1	1	C1orf213	5	FGF14	1
F8A3	1	FAM194B	5	IZUMO1	1
F8A1	1	NAALAD2	5	POU2F1	1
F8A2	1	TDH	5	GHRHR	1
H2AFB3	1	ARID1A	5	OR5H14	1
ACADL	1	C10orf125	5	EPHX4	1
ADRA2C	1	NDUFS8	5	ARL6IP5	1
KRT34	1	COPS5	5	B4GALNT4	1
MYO6	1	C11orf58	5	KIAA0427	1
C17orf48	1	UGT3A1	5	MGA	1
ABHD12	1	SMAD5	5	C4orf47	1
PYGB	1	SMAD5OS	5	MARK2	1
SNHG3-RCC1	1	LRFN4	5	PPPDE1	1
RCC1	1	SAMD11	5	KIF1B	1
SAP30	1	RAX2	5	MRPS7	1

WBP4	1	ABHD14B	5	HOXC4	1
FYTTD1	1	CRYGN	5	SELK	1
KIAA0226	1	NDUFAF3	5	C19orf38	1
ANAPC13	1	MS4A13	5	BPESC1	1
LGALS8	1	HK2	5	DSG2	1
GRM1	1	TMEM71	5	UNC93B1	1
WEE1	1	OAZ3	5	WWTR1	1
SLAIN2	1	GZMA	5	C18orf45	1
TBC1D19	1	MLLT6	5	GALNTL4	1
RUNX3	1	ADAMTS9	5	PSAT1	1
H2AFX	1	SGK269	5	POMZP3	1
MIRLET7I	1	HIP1R	5	LOC100133091	1
C12orf61	1	SNX18	5	CCDC15	1
APITD1	1	CTPS	5	LOC730811	1
MAFA	1	CLDN10	5	THAP5	1
C1orf84	1	PION	5	DNAJB9	1
MED8	1	CD19	5	TMEM30A	1
C12orf48	1	HTR7	5	LIN28B	1
LYPLA2P1	1	FCRL1	5	SLC26A4	1
MYST1	1	LHX2	5	LOC286002	1
C9orf11	1	CKB	5	CDC42BPG	1
AK3	1	LRRC56	5	TGFBR3	1
NCRNA00207	1	TRIM8	5	CAMK2B	1
TXNL4B	1	ZNF705A	5	C20orf195	1
NISCH	1	MYL9	5	SNORD22	1

LIPK	1	RALBP1	5	SNORD31	1
C20orf56	1	CSNK1G3	5	SNHG1	1
SLC6A16	1	HCG4	5	KIAA0125	1
MIR365-2	1	LOC284798	5	RASGRP2	1
SNORD115-6	1	C19orf55	5	ZNF775	1
C12orf60	1	APOA4	5	OR10A4	1
SNORA20	1	CPEB4	5	NSUN5C	1
TCP1	1	OSMR	5	NDUFV3	1
AGR3	1	PHGDH	5	HES7	1
GAGE5	1	TNFAIP3	5	OR2AT4	1
GAGE12I	1	MET	5	IL18	1
GAGE7	1	CCL11	5	KIF21A	1
GAGE4	1	KIAA0232	5	COLQ	1
GAGE12F	1	CD300LB	5	FUT2	1
TMEM132A	1	IKBKE	5	C19orf60	1
SNORD115-14	1	EFNA3	5	FAM149A	1
CYP1B1	1	PPP1R11	5	ITGB1BP3	1
WNT9A	1	EGLN1	5	HCN4	1
LOC100128542	1	FADD	5	OR2T1	1
HERC2P4	1	ZNF511	5	FAM184B	1
EPS8L3	1	MIR431	5	UCK2	1
FANCL	1	GPD1	5	TEF	1
SPOP	1	MGAT4B	5	TMC3	1
POM121L4P	1	TREM1	5	KLF2	1
PLEKHG4	1	MCL1	5	TRIM77	1

ATP11C	1	RAPGEF3	5	CCDC54	1
PSMD2	1	ORC2L	5	ZAR1L	1
PDCD5	1	PLP1	5	GTPBP4	1
APEH	1	TCP1	5	OBP2B	1
METRN	1	KCTD2	5	PHACTR1	1
KRTAP19-7	1	CYP1B1	5	TSPAN12	1
OPN1MW2	1	SNORD115-11	5	USP53	1
OPN1MW	1	SNORD115-29	5	MALAT1	1
SCGB2A1	1	SNORD115-36	5	LOC388789	1
ZNF467	1	SNORD115-43	5	FAM185A	1
INHBB	1	FOXN1	5	ZNF253	1
FAM76A	1	LDLRAP1	5	LOC399959	1
DUS2L	1	ATAD3B	5	BLID	1
DDX28	1	ZEB1	5	SNHG12	1
BCL2L11	1	PXT1	5	SNORD99	1
MIR219-1	1	PARVB	5	SNORA61	1
POFUT1	1	ZNF787	5	CREG1	1
TP53	1	TUBA3C	5	LOC100134713	1
CASR	1	INTS6	5	NDUFB2	1
CDC20	1	UNC45A	5	GORASP2	1
CNOT6L	1	TRIP10	5	MGST2	1
IFIT5	1	C16orf89	5	LOC644936	1
AXIN2	1	CST11	5	EFHD2	1
MC3R	1	DHX40P	5	CSN3	1
LVRN	1	RPL18AP3	5	CCDC150	1

ANXA11	1	SNORA68	5	TMEM168	1
CDK18	1	RPL18A	5	AVPR1B	1
ZEB1	1	HSPB7	5	CUEDC2	1
ELL	1	LOC100188949	5	POLS	1
AK2	1	MIR1276	5	OR10J1	1
ZNF468	1	DIO1	5	UPK1B	1
SLC26A7	1	GRIN3B	5	GBP2	1
HPS1	1	SNORD33	5	RIPK2	1
SCAMP3	1	SNORD34	5	APOA4	1
BCL3	1	SNORD32A	5	ATP2B4	1
ZNF292	1	KIAA1671	5	MAP7D2	1
RPS7	1	ARIH2	5	APCDD1	1
EPB41L3	1	C6orf191	5	TAS1R2	1
PF4V1	1	CEACAM16	5	CREB1	1
MYH11	1	SFRS16	5	SGCA	1
NDE1	1	LOC441869	5	LOC150185	1
C21orf58	1	DUSP27	5	OR10G8	1
HDAC1	1	GRAMD2	5	POLDIP3	1
SNORD116-2	1	DIAPH3	5	RNU12	1
SNORD116-6	1	MYO1G	5	LRRC37A3	1
HDDC3	1	IL24	5	OXSRI	1
UNC45A	1	SLC39A12	5	C4orf34	1
NKG7	1	ZNF697	5	SLC23A3	1
C2	1	CES8	5	GMEB2	1
FGF22	1	RMST	5	C11orf34	1

ACACB	1	NELL2	5	ANKRD42	1
DACH1	1	GBF1	5	EPHX3	1
GJA8	1	CDH1	5	RNASEN	1
MVD	1	LOC731779	5	NRBF2	1
LRRN3	1	MYO1H	5	WAPAL	1
CES1	1	ABCB1	5	FAM169A	1
RHOT2	1	AK3L1	5	SESN3	1
METT10D	1	PIK3C2B	5	USP11	1
OR13C3	1	KRT73	5	SIN3A	1
SLURP1	1	OXR1	5	C18orf34	1
PDP1	1	ATXN2	5	RPL13AP20	1
CHD2	1	EMR3	5	NEO1	1
MYH14	1	ZNHIT1	5	P2RY6	1
CEACAM20	1	PTPRH	5	RBM26	1
MIR149	1	KCND3	5	LOC153328	1
OR11H4	1	HDC	5	ESPL1	1
HAP1	1	HERC3	5	FLJ13224	1
RTN3	1	DNASE1L1	5	LPAR3	1
RASA1	1	GSTO2	5	RALBP1	1
MGST1	1	SERF2	5	POU5F1	1
LOC100134868	1	ENTPD8	5	GOLPH3	1
UAP1	1	LILRA2	5	ENSA	1
GOT2	1	DVL1	5	ST8SIA5	1
TMED5	1	ATP10B	5	PMS2	1
ACCN3	1	FABP3	5	AIMP2	1

MAP1S	1	IRF2	5	PPP1CC	1
NR0B2	1	NLRP1	5	PRDX2	1
C15orf40	1	MPDU1	5	EHF	1
P2RX5	1	ECHDC3	5	FNIP2	1
ZNF518A	1	PRAMEF11	5	CLEC4E	1
SFRS16	1	PRICKLE2	5	BOD1	1
TSPYL3	1	ZNF19	5	TAGLN2	1
TMEM195	1	PRPF40B	5	FIG4	1
KCNE1	1	NCAPD3	5	LOC389791	1
GOT1L1	1	WHSC2	5	PRKAA2	1
ACADS	1	LOC646762	5	C5orf46	1
MTL5	1	ANKH	5	RETNLB	1
GABRR1	1	ST14	5	PRRT1	1
FBP1	1	C2orf48	5	TIMD4	1
SGTB	1	RIMS2	5	CNDP1	1
INPP5B	1	FOLR3	5	TMEM132E	1
NLRP3	1	FADS1	5	FAM193B	1
KCNN1	1	DIAPH1	5	CBLN3	1
BTBD18	1	BBOX1	5	KHNYN	1
POP4	1	FERMT1	5	FOXD2	1
ANKRD55	1	FAM109B	5	AP4S1	1
AP1S3	1	SYMPK	5	FKBP10	1
AADA4L4	1	C1orf104	5	MSRB2	1
EIF2AK4	1	SLC6A15	5	RGL2	1
CLEC18C	1	DAPP1	5	CLK1	1

BTBD19	1	MUM1	5	STRADB	1
TMC7	1	OSCAR	5	CLRN3	1
TSPAN15	1	C3orf43	5	MARCH4	1
SHANK3	1	PTCH2	5	ARRDC5	1
CSH2	1	SP7	5	FEM1A	1
TM4SF5	1	EPS15L1	5	CAST	1
C6orf106	1	CIRH1A	5	HIST1H4L	1
GCNT3	1	AKAP10	5	AARSD1	1
PLEKHN1	1	CACNG4	5	KCP	1
TNXA	1	GCM1	5	PRSS35	1
SNORD115-31	1	IFNGR2	5	CLDN18	1
MRPL15	1	SLC29A2	5	APOA1BP	1
LOC388946	1	BST1	5	PIK3AP1	1
ZNF257	1	ANO9	5	ALOX12P2	1
MYL12B	1	BLOC1S1	5	RTKN2	1
REM2	1	ALG12	5	VPS24	1
ADAT2	1	STK11	5	SLMO1	1
PEX3	1	BCL2L1	5	OTOF	1
KCNJ16	1	ANO6	5	DEM1	1
C19orf48	1	PCTP	5	OAZ2	1
TM2D1	1	UCHL1	5	TMED2	1
LOC100131726	1	NKX2-3	5	RPS12	1
OR51B2	1	SLC16A8	5	SNORD101	1
LOC342346	1	CLN8	5	OR2T34	1
EPN3	1	GTF2I	5	KRTAP13-1	1

BAT2L2	1	C21orf7	5	TRMT61A	1
PHF1	1	ITGA8	5	PRDX3	1
KIAA1875	1	SPACA4	5	SPOCK3	1
QTRTD1	1	RB1CC1	5	C5orf25	1
YAF2	1	DNAI1	5	MYO7B	1
YY2	1	PDLIM7	5	TRPC3	1
TMEM88	1	GABRR2	5	LOC284276	1
SPSB1	1	STIM2	5	C19orf29	1
OLFML2B	1	FBXO17	5	ATP6V0A4	1
YTHDF3	1	MS4A7	5	KRIT1	1
AKD1	1	TLL2	5	ANKIB1	1
RASGRP3	1	TFAP2B	5	AKIRIN1	1
FBLL1	1	MCAM	5	NTN4	1
FASLG	1	ACVR1	5	PBXIP1	1
ACP6	1	MOCS1	5	FBXL18	1
MYOT	1	APP	5	DOPEY1	1
PLEKHG3	1	PRAC	5	SOX11	1
ADAMTS20	1	RPS15	5	RAMP3	1
MIR940	1	SLC25A24	5	SLC22A17	1
SNORD113-1	1	MBLAC1	5	DCAF17	1
CXCR1	1	CD3E	5	PDE3B	1
SAR1A	1	PRR16	5	SMURF2	1
MIR2052	1	MTSS1L	5	CDK20	1
POGK	1	IL2RA	5	NPY1R	1
ATP1A3	1	TTF2	5	CC2D2A	1

DNMT1	1	TAS1R1	5	MIRLET7G	1
MIF	1	SGPL1	5	SMAD2	1
FLJ43390	1	IL22RA1	5	SLC35A3	1
ABRA	1	DPYSL5	5	RBAK	1
GSR	1	MIR7-2	5	WDR19	1
PLXDC2	1	RPA3	5	SFRS6	1
GCOM1	1	MIR154	5	IQUB	1
MYO5A	1	TMEM189-UBE2V1	5	NAT8L	1
KRTAP17-1	1	LRP8	5	CRISP3	1
KIF17	1	PPP1R13B	5	TMPRSS11E	1
ZNF436	1	FOXJ3	5	LOC283663	1
GGT8P	1	TSPAN5	5	ZNF594	1
ZNF750	1	ABHD12B	5	HMG20B	1
HSPA8	1	SLC5A1	5	AVL9	1
ASPH	1	SAMD3	5	SKAP1	1
ST3GAL2	1	SPINK2	5	SNX4	1
SEC14L5	1	NEB	5	TMEM170B	1
CD248	1	SLC6A11	5	LOC441601	1
MIR603	1	C3orf30	5	SAMD3	1
ARSE	1	POU5F1	5	CKB	1
SCD	1	ZP1	5	CCNE2	1
FXVD2	1	CLEC17A	5	FHOD1	1
ACVRL1	1	LRRC37B2	5	PEX7	1
HMGXB4	1	SYNPO2L	5	PALM3	1
LRRC8D	1	IL27RA	5	HS3ST2	1

SPTB	1	COL8A1	5	PABPC4	1
FAM45B	1	PRTFDC1	5	RSL1D1	1
FAM45A	1	ZNRF3	5	SERINC5	1
SF3B1	1	BCL2L10	5	LMX1A	1
ERCC4	1	PRPH	5	NDUFS3	1
KIAA1210	1	PSD	5	KBTD4	1
MSTO2P	1	IQCF5	5	LOC284551	1
MKLN1	1	CMC1	5	SNORD7	1
PPP2R2B	1	MAP3K13	5	CRABP1	1
FA2H	1	ACAT2	5	CD59	1
ABO	1	SLC13A2	5	PIK3R2	1
SNORD115-16	1	ARHGEF12	5	LOC339788	1
GKN1	1	DNMT3B	5	ZDHHC22	1
RILPL1	1	D4S234E	5	GLB1L2	1
KPNA1	1	KCNC4	5	CYTL1	1
H1FNT	1	ZBTB4	5	ZBTB25	1
EEPD1	1	TMEM120B	5	FZD7	1
DLL4	1	CCDC116	5	PBX2	1
ISLR	1	SH3D19	5	APC2	1
ITGA7	1	MEF2D	5	UMODL1	1
ZXDC	1	SIRPG	5	RNASE8	1
LCT	1	ZNF815	5	GYPB	1
ZNF322A	1	LRMP	5	HIST1H2BK	1
STOML3	1	NTN4	5	HIST1H2AH	1
RANBP9	1	CLCNKA	5	PDE1B	1

C16orf46	1	ADAM15	5	OR2M1P	1
ST6GAL1	1	TMEM90B	5	DUSP27	1
CDR2	1	SLC36A2	5	TTC38	1
PRAGMIN	1	AHR	5	CACNG3	1
GRK6	1	WDR81	5	GYPE	1
KIF21B	1	ELL2	5	HEY1	1
PIGQ	1	TMEM212	5	PPAP2C	1
CFI	1	LPAR2	5	MIR1974	1
FSTL1	1	CLIC4	5	TDRD9	1
ARL10	1	GPR146	5	LMLN	1
NMU	1	TXNDC3	5	ZDHHC1	1
NOP16	1	HIVEP2	5	LOC100128003	1
HIGD2A	1	SLC12A1	5	TMBIM4	1
CABP1	1	GNLY	5	MIR941-1	1
IBSP	1	GBA3	5	MIR941-3	1
C16orf35	1	UBASH3A	5	MIR941-2	1
PIN1L	1	GLTSCR1	5	FAM190B	1
CTF1	1	EFCAB4B	5	TRPV6	1
MIR30E	1	CHRM5	5	APOL6	1
DIP2A	1	PRH1	5	ADAM28	1
SLC16A4	1	BMP10	5	GUCY2E	1
TECPR1	1	LOC402778	5	GPHN	1
LYPLAL1	1	LYSMD2	5	SNW1	1
OR10G2	1	DYRK2	5	DPY19L4	1
C1orf204	1	C14orf182	5	SH3RF1	1

COL19A1	1	PHF7	5	MDN1	1
CDCA3	1	RCBTB2	5	MIR1280	1
C21orf66	1	ERN1	5	DCTN2	1
PLD2	1	GPX3	5	PCF11	1
WDR45	1	CD96	5	GRAMD1C	1
EVI2A	1	TSC22D1	5	DNAJC4	1
PLEKHO2	1	MYH7B	5	AOAH	1
PPIB	1	BOK	5	TMEM89	1
ZNF843	1	HIVEP1	5	LRRC2	1
LDHD	1	NCR1	5	TDGF1	1
HAS1	1	HSP90AB1	5	DLX5	1
CRYAB	1	MEF2B	5	TEX11	1
HSPB2	1	HTR7P	5	GIMAP6	1
GAST	1	CHKA	5	FOXN1	1
C14orf109	1	ADHFE1	5	LMOD1	1
COX6B1	1	ATG10	5	LRRC20	1
RASL11A	1	NEUROD6	5	RPP25	1
PDCD4	1	MAMDC2	5	MEF2A	1
OSM	1	INTS9	5	EMX1	1
WIPF1	1	FSTL3	5	MID1IP1	1
CCR6	1	CYR61	5	COX11	1
PSG10	1	S100A7A	5	MAGEA5	1
C14orf2	1	IQCD	5	FES	1
PRPF40B	1	AZGP1	5	FOXS1	1
ZNF878	1	ASTN2	5	TSEN15	1

PRMT7	1	CTXN3	5	CARS	1
CD3G	1	ZZEF1	5	CTSB	1
CD3D	1	CIB2	5	CEMP1	1
MIR943	1	FBXL4	5	VTI1A	1
CA3	1	C1orf187	5	MSMB	1
ARHGAP5	1	CORT	5	GRASP	1
RPS11	1	MIOX	5	SLC25A19	1
LPGAT1	1	NFE2L3	5	HIST1H4C	1
C10orf99	1	NELL1	5	EXTL3	1
PLEKHH1	1	HYMAI	5	NGEF	1
MRPL23	1	FAM101B	5	RANGAP1	1
XPC	1	DUSP3	5	FLII	1
LSM3	1	RNASE1	5	CD300LF	1
TMEM59	1	LOC100192426	5	C4orf42	1
DEDD2	1	ACER1	5	RASL10A	1
F3	1	NEIL2	5	P2RX1	1
PEX19	1	LOC100302640	5	COL11A1	1
ZNF266	1	CDCP1	5	SLC15A5	1
CNTNAP3	1	COL27A1	5	KIAA0895L	1
SLC25A30	1	RUSC2	5	BFSP1	1
GRIA4	1	HBP1	5	LRRN2	1
ARFIP2	1	OLFM1	5	TMEM132B	1
FXC1	1	AKAP2	5	ANGPT4	1
C19orf35	1	FAM13A	5	UHRF1BP1	1
SLC6A17	1	PSMB7	5	SULT1E1	1

PAQR6	1	DMRT3	5	KISS1R	1
GNRHR2	1	SERTAD3	5	CNNM4	1
PEX11B	1	LOC441204	5	ProSAPiP1	1
FAM176B	1	TLE1	5	NEIL2	1
DAGLA	1	C14orf115	5	CATSPER4	1
CD209	1	POM121C	5	PROM1	1
C1QTNF5	1	ARHGEF2	5	PIGU	1
MFRP	1	SLC22A17	5	MIR568	1
USP7	1	EFHD2	5	SNORD74	1
AKR1C1	1	GNAQ	5	ZBTB37	1
LACRT	1	TMEM109	5	GAS5	1
FAM104B	1	AMPD2	5	FAM63A	1
SYCE1L	1	KIAA0427	5	PRUNE	1
MON1B	1	SMURF2	5	RFXANK	1
SLC19A1	1	SLC11A2	5	RAB11A	1
KRT6C	1	IL6ST	5	EXOC4	1
BEAN	1	ADAM28	5	GPAA1	1
SNORD116-26	1	NPEPPS	5	LOC84931	1
RAG1	1	LMAN2	5	TOB2	1
ETV2	1	CRELD2	5	APH1B	1
FYB	1	HAVCR2	5	CCDC37	1
PCMT1	1	C2orf70	5	SIGLEC10	1
TNRC6A	1	EOMES	5	TRAM2	1
GNRH2	1	C1orf144	5	OSBPL2	1
B3GNT8	1	CAPN12	5	ALG6	1

RPL39L	1	SPOCD1	5	HOXB1	1
TRANK1	1	HSD17B14	5	CNOT8	1
DIAPH1	1	PAM	5	C7orf28B	1
ZC3H18	1	FKBP10	5	RBM38	1
ZNF341	1	LIMA1	5	FRAT1	1
NOS2	1	FAM5B	5	ZDHHC8P	1
ZNF91	1	CS	5	AGBL1	1
SYPL2	1	GRIA1	5	SLC25A1	1
IKZF5	1	LMO1	5	MGC16384	1
ARF3	1	IL1RAP	5	SCN4A	1
C1orf104	1	CAP2	5	SPPL2A	1
ITGA2	1	C15orf27	5	GNAI1	1
RNGTT	1	SNORA69	5	PRKCH	1
PPP4C	1	RPL39	5	LGI3	1
NGDN	1	NOTUM	5	NRAP	1
USP47	1	KIAA1324L	5	AHNAK2	1
CSNK2A1	1	MGC12916	5	C14orf68	1
FADD	1	FAM160A1	5	MXD4	1
SCIN	1	MAN2A1	5	SCN11A	1
DPF1	1	SPHK2	5	KCND1	1
C1orf200	1	CRADD	5	SUCNR1	1
ACTRT2	1	VKORC1L1	5	TMEM22	1
TMEM117	1	DYSFIP1	5	NKX2-4	1
LRRFIP1	1	COG5	5	FAM120B	1
ZNF491	1	AGA	4	CNFN	1

CADM1	1	OR1F2P	4	AGTR2	1
MANBA	1	AVEN	4	GAR1	1
OLR1	1	NUP93	4	FTHL3	1
NF2	1	CAGE1	4	NKPD1	1
KRT28	1	SLC28A1	4	EPHX1	1
ERN2	1	CEP68	4	NPB	1
CDC42EP1	1	DHRS13	4	PRDM14	1
C19orf57	1	FEV	4	PSME3	1
MTFMT	1	TGOLN2	4	MINK1	1
SGPP2	1	STAC2	4	TRIM11	1
GTSF1	1	MEPCE	4	CDK16	1
TTK	1	TNFSF12	4	DNAJC27	1
TSEN2	1	ALPK2	4	TCEB1	1
MIR519D	1	ANKIB1	4	ZNF705A	1
CTNNA1	1	GALP	4	LMTK2	1
GPATCH8	1	FAM113B	4	RIMS1	1
FAM59B	1	PNPLA6	4	PINK1	1
NCDN	1	CDH29	4	FLJ44635	1
KIAA0319L	1	ZNF627	4	IGHMBP2	1
TCP11	1	TMEM194B	4	FAM109A	1
CCDC124	1	TRIM41	4	SNORA69	1
RAE1	1	CD8B	4	RPL39	1
SLC2A14	1	OSTBETA	4	ADAM22	1
ZNF490	1	LRRC14B	4	NCRNA00160	1
DCC	1	SNORA30	4	C5orf30	1

SNORD115-38	1	RIPK4	4	EFS	1
C19orf18	1	PTPN9	4	RSBN1L	1
LBR	1	TMEM125	4	POFUT2	1
VSTM2B	1	P2RY13	4	RFXAP	1
DNAJC9	1	CASC4	4	PIN4	1
GON4L	1	MAPK13	4	E2F5	1
ABCC6	1	MIR770	4	TBC1D9B	1
GBP1	1	GJB7	4	SAMD1	1
BCAR4	1	MRPL28	4	CDS2	1
PGM2L1	1	LOC100271715	4	CASP6	1
QKI	1	HLA-DRB6	4	IGSF9	1
CD2AP	1	RSAD1	4	FAM162B	1
OR2C1	1	CRYGA	4	NRG3	1
CHST6	1	MESDC1	4	TMOD1	1
SHISA2	1	ARHGEF11	4	KDM4A	1
XPOT	1	MAFF	4	SETDB2	1
PRR13	1	ANGPT2	4	EPB42	1
TNFRSF21	1	ADAP2	4	PIM1	1
SHKBP1	1	DDX20	4	EGLN1	1
KAT2A	1	ETS2	4	GAS2L1	1
KCNA7	1	LOC100287718	4	SLC12A3	1
QSOX1	1	HRH3	4	SELENBP1	1
SPRR2B	1	SNORA10	4	ZNF675	1
NECAB2	1	TMEM30C	4	MLEC	1
A2M	1	USP46	4	C8orf75	1

PAX3	1	TRIB1	4	UBE2J2	1
CCDC140	1	SPRY2	4	FAM118A	1
DNAH6	1	TCN1	4	PYCRL	1
NLRP8	1	INMT	4	HLA-J	1
SLC2A10	1	MCM5	4	CLRN1	1
OR52W1	1	ABHD6	4	CLRN1OS	1
LRDD	1	LYZL4	4	IKBKB	1
NDUFA4L2	1	CA5B	4	PLOD2	1
CTTNBP2	1	ADAD2	4	MAFK	1
MPPED1	1	CNDP1	4	SH3RF2	1
C6orf134	1	IQCK	4	SKIV2L2	1
COL20A1	1	ARL9	4	FAM197Y2	1
DEF8	1	SCYL2	4	RAB11FIP4	1
CD300A	1	DEPDC4	4	SLC39A1	1
MIR211	1	DCTN4	4	CREB3L4	1
TRPM1	1	PRSS33	4	EBF1	1
MIR96	1	MYLPF	4	SYT3	1
SCARNA9L	1	PARP4	4	C2orf27A	1
IQCH	1	MPZ	4	RNF138	1
RILP	1	DHX38	4	MTNR1A	1
EPHA2	1	SLC29A1	4	IL31RA	1
FLAD1	1	SULT1A1	4	MAEA	1
FUT6	1	ACAP2	4	PROKR2	1
PEG3AS	1	LOC440910	4	STRA13	1
CSH1	1	ANXA13	4	LRRC45	1

RYBP	1	PSMG3	4	HNRNPL	1
PTPN4	1	NCRNA00173	4	PCM1	1
CHP	1	C7orf41	4	NOP58	1
EXD1	1	SRP9	4	NEK8	1
HSPD1	1	TSTA3	4	TLR5	1
EPN1	1	EFCAB2	4	KPRP	1
ZNF706	1	CRB1	4	NBPF22P	1
FAM160B1	1	HNRNPM	4	LENG8	1
BTN2A2	1	SLC35C1	4	SEMA4A	1
ZNF138	1	ZNF236	4	SLAMF8	1
SYT17	1	B4GALT5	4	TRIM34	1
MIR638	1	GALR2	4	TRIM6-TRIM34	1
SHPK	1	FLJ40434	4	RFX1	1
TRIM7	1	PTCD3	4	SEC63	1
SFI1	1	CGB	4	JMJD1C	1
POF1B	1	ZNF384	4	CYP24A1	1
LSM7	1	CASQ2	4	RHPN1	1
DDX3X	1	TECTB	4	PON3	1
ADORA3	1	KISS1	4	UFSP1	1
KRT83	1	BOLL	4	ACHE	1
TDH	1	ASPDH	4	FOXD4	1
PHOX2A	1	CLCN5	4	ABCC4	1
C3orf49	1	ZSCAN18	4	MRPS25	1
CCDC144NL	1	CNBD1	4	MS4A4A	1
LOC407835	1	RLBP1	4	MLL5	1

PRTG	1	HMBS	4	LOC100216545	1
SNORD41	1	SNX27	4	ACAA2	1
TMEM67	1	SLC38A3	4	SIN3B	1
LRPAP1	1	MIR185	4	IFIT1L	1
FAM54B	1	PDE6H	4	EMID1	1
INPPL1	1	DDA1	4	KLHL11	1
PSAPL1	1	KIAA1609	4	MRPL54	1
SIGLEC14	1	TMEFF2	4	FASTK	1
DLX2	1	RAB3B	4	PPIAL4F	1
TALDO1	1	RFPL3	4	PPIAL4D	1
KDM2A	1	DCAF6	4	PHAX	1
ARSG	1	PICALM	4	CD3E	1
NDRG4	1	GJA4	4	EFTUD1	1
SENP5	1	PROX1	4	ADAM8	1
C15orf33	1	ACSL6	4	NSUN6	1
RAB3IP	1	BAIAP2L2	4	GATA4	1
TAF1	1	F13A1	4	CRY1	1
SNORD95	1	C1QTNF9	4	BEND4	1
GNB2L1	1	TMEM37	4	NCOA1	1
VASP	1	POLD3	4	BMP10	1
ICAM1	1	ZNF428	4	SAT1	1
MCHR2	1	PPP4R2	4	HNF4A	1
NCOA7	1	MAPK4	4	SEMA3B	1
SCFD2	1	RNF32	4	USP21	1
ABCF3	1	CTXN1	4	LTBP1	1

RMND1	1	XPO6	4	C5orf4	1
C6orf211	1	BPIL3	4	NGRN	1
GPR156	1	TADA3	4	GIGYF1	1
CTLA4	1	MIR548H3	4	FAT4	1
PADI3	1	DECR2	4	C7orf40	1
IDO1	1	C6orf195	4	SNORA9	1
ZNF160	1	USP20	4	ARHGEF2	1
PARM1	1	HRASLS5	4	HOXB9	1
PANK3	1	CLSTN3	4	ZFP30	1
NXNL1	1	RGL4	4	GPR161	1
RCVRN	1	LOC729991	4	AVEN	1
ITGA8	1	IL17RA	4	CHRM5	1
ALCAM	1	THAP11	4	KRTAP2-1	1
CTSC	1	TMEM89	4	HLA-H	1
ZNF528	1	CXCL12	4	BRD9	1
ZNF665	1	DNPEP	4	FUT8	1
TMEM116	1	VTRNA1-2	4	CCDC22	1
ERP29	1	SMG5	4	TINF2	1
OTUD1	1	C5orf45	4	CLCNKB	1
OGFOD2	1	TSEN2	4	ENTPD6	1
MIR609	1	MIR339	4	RSPH3	1
TRIM21	1	CYTL1	4	NAA30	1
CWF19L2	1	CTGF	4	GNLY	1
ACP5	1	ICMT	4	CYB5R2	1
WNT8A	1	C5orf24	4	SHF	1

MDK	1	SERAC1	4	COL6A2	1
AQP2	1	SNORA18	4	CMBL	1
HMGN3	1	SNORD5	4	ADAMTS17	1
MOGAT3	1	LOC149134	4	SIK1	1
CXorf59	1	TMEM167A	4	UBE2N	1
SMUG1	1	LOC284837	4	ELF2	1
PI4KAP2	1	FAM198B	4	SRD5A3	1
LHFPL2	1	C20orf185	4	PSMD10	1
LOC727677	1	LOC727924	4	RBM25	1
GRID2	1	DAZAP2	4	FAM163A	1
B3GAT3	1	TNFRSF1A	4	SNX18	1
HIST1H4E	1	CA14	4	FAM55D	1
WDR51A	1	PSMD13	4	TNNI2	1
C3orf20	1	DSC2	4	XKR7	1
OR111	1	C1orf97	4	ZIC5	1
ZC3H12A	1	EFEMP1	4	CYP27B1	1
TMEM154	1	SCP2	4	EZH2	1
ANXA5	1	MIR192	4	C5orf13	1
C20orf79	1	BRD8	4	ACACA	1
SMPD4	1	LENG8	4	TJP1	1
FAM128B	1	GRAP2	4	UNC13A	1
NHS	1	FAT2	4	TRIM78P	1
PCNXL3	1	C5orf4	4	ABCC3	1
DHX15	1	KMO	4	S100B	1
BEND6	1	RBM9	4	CLIC5	1

HSF2BP	1	SLCO4C1	4	HP1BP3	1
FAT3	1	PARP9	4	TPD52	1
RBMX	1	CCDC42B	4	FTHL17	1
MIR153-2	1	GNB5	4	AMICA1	1
PTRH2	1	LRIT2	4	SYN3	1
TMEM49	1	SNORD4B	4	RARRES3	1
MT3	1	CHTF18	4	ATM	1
YKT6	1	LOC157381	4	BIN1	1
LOC100302401	1	HOXA13	4	OR2Y1	1
KIF5C	1	ERCC4	4	BTN1A1	1
MIR1978	1	EHD3	4	TMTC3	1
S1PR5	1	NCK1	4	CEP290	1
C17orf96	1	NSUN5	4	CTDSPL	1
DIRC2	1	NFKBIE	4	LOC440173	1
SEPT13	1	MIR1248	4	RHPN2	1
LARP4B	1	SNORA81	4	SCAMP2	1
CYBA	1	SNORA4	4	BOD1L	1
HFE2	1	GTF3C1	4	TREX2	1
MIR23B	1	BTBD18	4	C17orf98	1
CSN1S2B	1	USP32	4	MYO1F	1
GSTM4	1	OR7E37P	4	ARPC1B	1
PSG1	1	NXPH2	4	HOXC8	1
TGM2	1	SPAG16	4	HCLS1	1
ENOX2	1	TRAK2	4	B3GNT4	1
LOC100129534	1	IFITM5	4	RNU86	1

SIGIRR	1	FCRLA	4	SFMBT1	1
ZNF763	1	PAPOLA	4	S1PR4	1
MRPS5	1	RCAN3	4	AMPD3	1
TTC22	1	IKZF3	4	SNORD12B	1
IFNGR2	1	STXBP6	4	MIR1259	1
CHRAC1	1	WWC3	4	HYAL3	1
FAM149B1	1	CYTH2	4	NAT6	1
ECD	1	MYLK2	4	FREM2	1
STAC2	1	XRCC5	4	RIMKLB	1
ESRP2	1	MGC26647	4	C14orf106	1
COL28A1	1	PALMD	4	KLRK1	1
ITFG3	1	CLEC18C	4	HEATR5B	1
C10orf129	1	IL17RD	4	AKR1C2	1
OR6K3	1	ASPA	4	BST1	1
HBA1	1	KIF14	4	ZNF784	1
CRTAC1	1	ZCCHC11	4	GFRA1	1
RPP38	1	KRTAP9-9	4	ENTPD3	1
C10orf111	1	EIF2AK4	4	TNFRSF17	1
CHRD2	1	LOC340094	4	HDGF2	1
MCCD1	1	CRYBB1	4	SS18L1	1
RPS10	1	PLXDC1	4	SUV420H2	1
CBY3	1	CXCL16	4	ZMYM5	1
HSDL1	1	LOC100286844	4	ARPC3	1
LRRC50	1	RASSF3	4	CALCB	1
MIR891A	1	BUB3	4	LSG1	1

KRT25	1	TMEM55A	4	DNAJC18	1
FAM83H	1	FAM117B	4	GTF2H4	1
RARRES1	1	LOC100130015	4	DACT3	1
GDPD4	1	TSHZ3	4	KDM6A	1
CCL4	1	MNAT1	4	ECHDC2	1
CCDC59	1	SNX22	4	MTMR11	1
CPAMD8	1	SRGAP2	4	SPEM1	1
ZNF749	1	SLC27A6	4	NLGN2	1
PGBD1	1	IQUB	4	SNX9	1
MTO1	1	ARL5C	4	TPBG	1
YPEL2	1	C1orf26	4	FAM162A	1
MIR663B	1	CACYBP	4	PIK3C2G	1
LOC151534	1	PDPN	4	EFCAB7	1
LBX2	1	TGM4	4	DLEU2L	1
CHRNE	1	C7orf23	4	DNMBP	1
C17orf107	1	IFNG	4	SESTD1	1
SLC38A2	1	NLGN3	4	SOBP	1
FBXL7	1	MIR495	4	SNORD84	1
PCDHB8	1	SP5	4	GJD4	1
NDUFA5	1	LSM14B	4	GPR109B	1
SLC20A2	1	MBOAT7	4	LOC285696	1
EVC2	1	EPS8L3	4	EIF4EBP1	1
SORCS1	1	DCD	4	NCKIPSD	1
TFAP2C	1	CAPS	4	CD27	1
ZNF679	1	LOC100133669	4	LOC678655	1

SDF2	1	ADAMTS17	4	PCDH12	1
B4GALT7	1	SEPP1	4	DHRS12	1
NPTX1	1	PROKR1	4	CROCCL1	1
YEATS4	1	BTBD17	4	C2orf49	1
C10orf125	1	C10orf25	4	ACTR5	1
ZNF302	1	MCHR1	4	KCNK1	1
TIMELESS	1	HTR3D	4	DEFB125	1
PSMF1	1	SEPX1	4	ATP9A	1
PRDX1	1	TRIP12	4	KLHL32	1
SNORA71D	1	NAT15	4	PLA2G2D	1
DBNL	1	LOC360030	4	LEMD3	1
ATP1A2	1	LOC154449	4	LRRC26	1
GRAMD2	1	SMARCD2	4	SALL4	1
TRPV4	1	C1orf158	4	CTNNA3	1
P11	1	F11R	4	TMCC2	1
NCF2	1	NDUFAF4	4	SSX9	1
HEPACAM	1	PHACTR4	4	STK17B	1
GAL3ST1	1	ZNF775	4	ELK3	1
GLRX2	1	LOC388588	4	SMG5	1
TET1	1	PPARGC1B	4	ARRB1	1
MIR658	1	FCGR3B	4	SOS2	1
DSE	1	TECPR2	4	LOC647946	1
C21orf45	1	CABP2	4	KIAA1324L	1
NLRP6	1	B3GAT2	4	RESP18	1
KCNMB2	1	SF3A1	4	LOC650368	1

IL17RE	1	ABTB1	4	ADRA2A	1
TMEM189	1	CD5L	4	MED31	1
SLC4A1AP	1	MTOR	4	C17orf100	1
SUPT7L	1	QRFP	4	ESPNL	1
ZFP106	1	ASAP3	4	FAM187B	1
TRNT1	1	AGAP11	4	C2orf55	1
TMEM51	1	STAT4	4	MAN2A1	1
TBC1D7	1	KIAA2013	4	NMI	1
LOC100286844	1	TMPRSS8	4	DNAJB12	1
ADCY4	1	PIK3R3	4	C1orf210	1
ACOT6	1	PRSS36	4	FAM83D	1
ELMO2	1	TTC39A	4	LRRN4	1
CNKSR3	1	SLC2A13	4	ATG12	1
COCH	1	RPL17	4	MIR30A	1
XPNPEP1	1	ZBED3	4	CYB5D2	1
GATS	1	RBCK1	4	ZZEF1	1
LOC92973	1	USP12	4	WFDC11	1
TMEM200A	1	SLC16A14	4	C10orf25	1
ZNF764	1	AKT1S1	4	NRP1	1
GSDMD	1	ITGB7	4	GLT1D1	1
TMEM165	1	KRT3	4	PANK1	1
POLE2	1	ST6GAL1	4	CDK1	1
MIPOL1	1	ARTN	4	CDC2	1
PNPT1	1	ZNF862	4	PADI4	1
LOC100130581	1	COG2	4	SEMA7A	1

LOC100129637	1	CDH10	4	CACNG4	1
C17orf55	1	PFKFB1	4	TBX21	1
KIF15	1	MYCBP2	4	HEXDC	1
KIAA1143	1	LILRA4	4	C17orf101	1
VSTM2L	1	FAM82B	4	FAM160A1	1
THSD7B	1	CDK19	4	SOX18	1
CSNK1A1L	1	RASSF4	4	CCDC134	1
NEK7	1	TMEM30B	4	AHNAK	1
APOC1	1	ATP6V1C2	4	FAM59A	1
NUB1	1	SFTPD	4	NOV	1
WNT10B	1	MIR1226	4	ALKBH2	1
CX3CL1	1	PTGER4	4	ZADH2	1
PHF23	1	TRPC4	4	C11orf70	1
SELI	1	TUBB1	4	TCEA2	1
GPR113	1	SLC5A11	4	FCGR2C	1
CPEB1	1	MIRLET7B	4	SIAE	1
PIRT	1	MIR548F3	4	SPA17	1
LAMA4	1	RFPL2	4	DUS1L	1
PNPO	1	QRFPR	4	CYGB	1
C17orf62	1	C19orf35	4	TEAD4	1
KCNB2	1	MFSD11	4	OR6C2	1
TYMP	1	LOC100133050	4	CDC42EP3	1
NR2C2	1	SFTPA1	4	RUFY2	1
RPL23AP82	1	BBX	4	HTT	1
RABL2B	1	AP1G1	4	RAP2A	1

KLKBL4	1	PRRT3	4	ST20	1
CHI3L2	1	HSD17B2	4	ZBTB9	1
MYL10	1	SERP2	4	LOC389705	1
SRRM5	1	MGC13005	4	HIPK3	1
ACVR1	1	OR3A4	4	MAMSTR	1
SAPS3	1	LRRTM2	4	LCOR	1
C5orf62	1	RPN1	4	NKX6-2	1
C19orf20	1	FAM184A	4	SEMA3C	1
ZNF354B	1	SNORD89	4	KRT86	1
LYG1	1	C4orf31	4	NPC1	1
C6orf48	1	C18orf26	4	DZIP3	1
SNORD48	1	TNFAIP6	4	COPS2	1
MMP2	1	BTG4	4	ZNF444	1
ABCA5	1	MAP1LC3C	4	ANKRD50	1
RBM24	1	MIR376A2	4	C10orf105	1
LONP2	1	TFCP2L1	4	LRRC8E	1
RUNX2	1	TGM7	4	TRMU	1
C8orf76	1	ZNF71	4	DDIT3	1
SH3TC2	1	ITGA5	4	HCRT	1
HOXA13	1	MN1	4	CCDC42B	1
ARMC5	1	C20orf71	4	TSR1	1
HMHB1	1	PGAM1	4	SNORD91B	1
TGM3	1	SQSTM1	4	PLP1	1
DGAT1	1	MIR543	4	MSL3L2	1
C22orf15	1	SYT16	4	LILRA2	1

CHERP	1	QRSL1	4	NCAPD3	1
RAB38	1	SEC14L4	4	ZNF90	1
HIGD1C	1	PLEKHA1	4	NPFS1	1
DPP4	1	CHRM4	4	TESSP1	1
NUP50	1	RPL18	4	MSX2	1
FAM91A1	1	C10orf95	4	DMWD	1
C6orf108	1	SLAIN1	4	TOMM34	1
CLEC5A	1	LRCH4	4	CAV3	1
TMEM106B	1	GIF	4	MRS2P2	1
DUPD1	1	PARD6A	4	TBC1D15	1
ABCC5	1	ACD	4	THADA	1
AUP1	1	FAM99B	4	TGM5	1
DQX1	1	FER1L4	4	AURKC	1
NCF4	1	KRTAP1-5	4	MEX3D	1
SLC24A5	1	SH3BGRL3	4	LOC100240735	1
FAM126A	1	N4BP1	4	ARMC9	1
KCNS1	1	PPFIBP1	4	DEFB114	1
LTC4S	1	SDC1	4	RASL12	1
LSM12	1	ENC1	4	CDC73	1
HAL	1	EEF2K	4	ABHD14B	1
GDPD1	1	VKORC1	4	ABHD14A	1
ARL6IP6	1	C9	4	PTPRU	1
PRPF40A	1	BZW1	4	RAX	1
PKM2	1	VWA2	4	RSPH9	1
MIR1253	1	GPR84	4	FAM19A3	1

AQP1	1	CDH16	4	FAM122C	1
ATP10B	1	PRIM2	4	HACE1	1
ATF7	1	SMYD5	4	ALDH7A1	1
LHCGR	1	GRM3	4	ZCCHC10	1
COG4	1	SLC5A4	4	AKR1E2	1
C6orf15	1	MYOM3	4	TMEM30B	1
ADAM19	1	ZXDC	4	CCDC111	1
RALYL	1	PTPLAD1	4	ZBTB20	1
MIR521-2	1	LEMD1	4	BCL2L12	1
GPC3	1	ANKRD36	4	RPS8	1
OXT	1	IL1RL2	4	SNORD38A	1
ANP32A	1	ACADVL	4	SNORD38B	1
GSPT1	1	GJB4	4	LOC202181	1
METTL9	1	ASH1L	4	CEP55	1
C1orf58	1	CNN1	4	NRP2	1
AIDA	1	ROPN1L	4	CNPY1	1
OSTalpha	1	NKX2-2	4	RPA3	1
ST8SIA6	1	GATAD2B	4	UBA52	1
FKSG29	1	FBXW10	4	CYTH4	1
SLC12A4	1	S100A4	4	SRM	1
RNASEH1	1	TSPAN16	4	DUSP5P	1
NBL1	1	HNRPLL	4	ARHGAP29	1
SAV1	1	HERPUD2	4	SYNJ1	1
UNG	1	RAD51C	4	BAALC	1
C7orf49	1	C10orf41	4	C8orf56	1

MAPK8IP2	1	TREML2P	4	TMED10	1
LRRC36	1	KRT71	4	HSD17B2	1
ATP8B4	1	BTBD3	4	SIK2	1
UBP1	1	USP21	4	OTUD6A	1
PCNXL2	1	FBXL22	4	GPR183	1
SH2D2A	1	CD209	4	PRDM6	1
GNGT1	1	LOC157627	4	KY	1
SDHB	1	WFIKKN1	4	PSMC5	1
FAR1	1	CCDC12	4	USP15	1
LASS5	1	TAC4	4	USP35	1
FANCI	1	SELP	4	ADRBK1	1
MDP1	1	SNORD32B	4	TNKS2	1
NEDD8	1	TGFA	4	NAALADL1	1
RWDD2B	1	MGAM	4	KHDRBS1	1
RFX6	1	CABP4	4	HAND1	1
C7orf31	1	LOC344967	4	CD180	1
DGCR8	1	RNF141	4	ATP1B3	1
NTRK3	1	PDAP1	4	SPOPL	1
SERPINA1	1	FIG4	4	SEPT5	1
ADAM29	1	CHD4	4	KCNA3	1
MYO18B	1	PIWIL3	4	NDUFC1	1
FAM150B	1	IL1F5	4	TIGD2	1
LAMB4	1	OR6F1	4	CDON	1
FRMD8	1	ANKRD54	4	DHRS2	1
NOM1	1	AURKAIP1	4	SNTN	1

SLC24A4	1	CCDC122	4	PTGR2	1
C19orf21	1	MIR663	4	RAB27A	1
ZNF646	1	IGSF22	4	MTNR1B	1
CACNG5	1	HIST1H2BJ	4	C5orf15	1
DNAJC1	1	FAM193A	4	NFKBIL1	1
POMT2	1	MTA2	4	CEBPZ	1
GSTZ1	1	GNAI2	4	TUBA3C	1
FHAD1	1	TSPAN1	4	F11R	1
NDUFB11	1	LUZP2	4	DPY19L1	1
ZNF853	1	ZNF167	4	EEF1A2	1
HSD17B13	1	C10orf27	4	CRYGB	1
PIK3R3	1	PRSS45	4	TLX3	1
RIOK1	1	C12orf42	4	SLC30A4	1
ZSCAN21	1	C10orf108	4	MEIS1	1
DUSP6	1	SFRS2	4	FAM47B	1
PMS1	1	LPHN1	4	NAPEPLD	1
CTSG	1	TGM6	4	ELOF1	1
SNX27	1	EPHX2	4	APOC2	1
NOTCH2	1	KEAP1	4	NAP1L1	1
LOC121838	1	MIR758	4	SSC5D	1
C1orf216	1	TBCB	4	SNORD116-3	1
SDCBP	1	AAK1	4	SNORD116-9	1
UGT3A2	1	CEP250	4	HAS2	1
KLHL24	1	TRMT1	4	SOX4	1
SLC23A2	1	GDPD3	4	SIKE1	1

PODNL1	1	BAI3	4	CASP9	1
CYP20A1	1	C6orf81	4	OSBPL8	1
TMEM65	1	TRIM14	4	HSPB3	1
GABARAP	1	MED11	4	ATF3	1
DIO3OS	1	CAPN14	4	SYCE1	1
C6orf103	1	EZR	4	CAPZA2	1
PROX2	1	KCNK3	4	ADHFE1	1
DDX19B	1	FAHD1	4	CISD1	1
CHD8	1	SHISA7	4	IPMK	1
SNORD8	1	C11orf16	4	DAAM2	1
ZNF277	1	BRF2	4	OR51E2	1
POTEF	1	C14orf109	4	MECOM	1
ZNF649	1	HIBADH	4	OR13J1	1
SCNN1G	1	GALNTL5	4	ABHD8	1
MYH16	1	RAD52	4	PARL	1
GHDC	1	DVL3	4	EOMES	1
TMEM52	1	HMOX2	4	FBXO22OS	1
NHEG1	1	IL26	4	FBXO22	1
IFT81	1	TCP10L	4	KIR3DL1	1
FAM12A	1	MARK4	4	MIR1914	1
ZAR1	1	ACAD8	4	MIR647	1
DDX5	1	OR1L3	4	OVCA2	1
SMOC1	1	DAO	4	THAP3	1
MIR518C	1	SH3BP1	4	CCDC24	1
SNORD89	1	MTRR	4	EPS15	1

LOXL4	1	ZNF668	4	SLC4A11	1
KIAA0146	1	LOC282997	4	MCHR1	1
FLG	1	PDCD4	4	RHEB	1
C17orf46	1	SERPINA6	4	MIR548C	1
BCAP29	1	ZNF804A	4	RASSF3	1
SLC9A3R2	1	NKIRAS2	4	PNPLA2	1
TAF1D	1	PDK2	4	CXCR4	1
CCDC77	1	EVX2	4	AAGAB	1
GOLT1B	1	LOC643406	4	RPL35A	1
RECQL	1	LALBA	4	SLC17A2	1
RNASEH2B	1	OR10K2	4	ERCC5	1
AZGP1	1	C16orf72	4	LTBP2	1
FAM132A	1	HAR1B	4	SNORD115-22	1
CLDN4	1	HAR1A	4	MYL6B	1
RGS19	1	CDH3	4	LPCAT4	1
MIR494	1	VPS54	4	HCG4	1
SLC9A4	1	C1orf69	4	IRAK3	1
ADRB1	1	LYG2	4	SMARCD1	1
TWIST1	1	DCTN1	4	CDK4	1
TTC8	1	WDR72	4	OR6K6	1
ATP6V1E1	1	PRDM7	4	ALDH3B2	1
GIPC2	1	SMAP2	4	MED27	1
MYOF	1	HCRTR1	4	EHMT2	1
LOC100192378	1	MFNG	4	PGCP	1
RPL31	1	CATSPER4	4	CD93	1

CLCC1	1	GALNT6	4	TGIF2	1
DHX16	1	KIAA1324	4	TTC35	1
GPR77	1	CFLAR	4	CHORDC1	1
BTRC	1	FLJ43390	4	SCYL1	1
DUT	1	ADRB2	4	CCT8	1
SETD4	1	SURF4	4	NTF4	1
MARCKS	1	MARCH11	4	ID3	1
NOMO2	1	PLCB3	4	SEPT6	1
ARHGGEF12	1	RDH16	4	MIR766	1
C14orf184	1	CFP	4	BMP8A	1
SH2B1	1	SNRK	4	CA13	1
DEFB4	1	KIAA1967	4	SLCO1A2	1
LOC100128191	1	MMP7	4	GALNT10	1
TMPO	1	UPK1B	4	NDUFAF2	1
TRIM36	1	EDEM1	4	ERCC8	1
CHRNA4	1	AMDHD1	4	POLR1D	1
TMEM212	1	ZNF28	4	CTNS	1
CDC40	1	NKD1	4	PDCD6	1
NSMCE1	1	SURF6	4	SLC15A1	1
SUPT16H	1	GNGT2	4	CCPG1	1
GRB7	1	GYPC	4	DIAPH3	1
CNNM2	1	SYCE2	4	ZNF512B	1
ZNF697	1	UBE2D2	4	PCDH17	1
UGDH	1	DDIT4	4	UHRF1	1
EED	1	DRD3	4	RAB4B	1

HAPLN1	1	TBCA	4	ARFGEF2	1
NPHS2	1	ROBO2	4	OR4A5	1
FBXO25	1	GPR31	4	ZNF618	1
APOBEC3D	1	RNF212	4	ZGPAT	1
PTPN22	1	ZFR	4	ARFRP1	1
LMO4	1	C11orf64	4	AKR1D1	1
HLA-DMA	1	RASGRP1	4	QPCT	1
UBR2	1	BRI3	4	CXorf48	1
WNT4	1	RTKN	4	GP6	1
C8orf12	1	C3orf64	4	LOC284100	1
FAM167A	1	SLITRK3	4	PLEKHG4B	1
PRKCI	1	KIDINS220	4	TMEM151B	1
SRP14	1	HERC1	4	ADAM12	1
LAIR2	1	ASPRV1	4	GRIA1	1
PTH2R	1	GIPC3	4	LOC340357	1
ARL1	1	TRPM6	4	PMF1	1
PFN2	1	MAP1LC3A	4	ZMIZ1	1
INSM2	1	ARHGAP17	4	IRF2	1
ZNF488	1	LCE1F	4	CEACAM5	1
LOC126536	1	ADCK5	4	OXER1	1
TFEB	1	BUD31	4	AP1AR	1
TRIM42	1	AMDHD2	4	MYST2	1
FBXO16	1	BASE	4	DGCR6L	1
SLC13A2	1	C19orf24	4	N4BP3	1
TMEM178	1	SMPDL3B	4	DOK1	1

PER1	1	IQCC	4	OSR1	1
IP6K3	1	ENG	4	CETN3	1
MKS1	1	RGSL1	4	SLC7A14	1
KIR3DX1	1	C16orf67	4	EP400	1
INS	1	SUPT3H	4	TEAD1	1
ATP10A	1	ATXN8OS	4	CRMP1	1
AKR1CL1	1	COX6B2	4	MEIG1	1
SFT2D1	1	FABP5	4	HIVEP2	1
LEFTY1	1	FUT8	4	RIMS4	1
PCNX	1	C16orf82	4	GPS2	1
SCAPER	1	SNX33	4	BMPR1B	1
USP22	1	OTUD4	4	LRRC37B2	1
MIER2	1	PITPNM1	4	TMPRSS4	1
SFRP2	1	OLIG3	4	EBPL	1
LOC285733	1	AXL	4	ZNF397OS	1
ANK1	1	MXRA7	4	HHAT	1
MIR486	1	UGT8	4	POLR3D	1
ALKBH4	1	CASP14	4	VTCN1	1
VPS13D	1	COG8	4	PITPNC1	1
SCARNA10	1	SLC13A4	4	KRTAP5-2	1
NCAPD2	1	SNORA26	4	PLEKHG7	1
CALHM2	1	KIAA0114	4	OMP	1
PHB2	1	FPR1	4	CAPN5	1
EMG1	1	MYLK3	4	LOC220429	1
SKA2	1	TUBB3	4	PRKCD	1

MIR301A	1	C20orf95	4	LOC100133469	1
PTAFR	1	SLC15A2	4	RAET1G	1
RNF126P1	1	PLA2G12B	4	LOC285419	1
LRRK2	1	DOK1	4	TSGA14	1
PDE7B	1	SIK2	4	CDCA4	1
CREBL2	1	ZNF513	4	ALS2	1
ZZZ3	1	AGR2	4	HMBS	1
LOC25845	1	KLK2	4	CDK12	1
CRIP1	1	GSTA3	4	CTSA	1
C6orf223	1	PLK2	4	PLTP	1
MARCH2	1	PLA2G5	4	PEAR1	1
C11orf64	1	BTBD10	4	CYB5R3	1
PUM1	1	GUSBL2	4	MPHOSPH8	1
HOXD9	1	GUCA1A	4	TCEB3B	1
PYCR1	1	CD28	4	NIN	1
VPS13A	1	CEP350	4	C18orf56	1
LOC100286938	1	TNFRSF12A	4	TYMS	1
CANT1	1	C6orf218	4	HDHD2	1
SMAGP	1	PRPF39	4	ZFPM2	1
LEFTY2	1	YWHAE	4	C6orf47	1
ELOVL5	1	NSMCE1	4	LGR6	1
FKBP2	1	SNX21	4	KIAA0528	1
MRVI1	1	TMEM156	4	DPH3B	1
FAM196A	1	LOC440335	4	KCNH4	1
C6orf174	1	NAB2	4	POLD3	1

ARL5A	1	C5AR1	4	ZBTB32	1
STK17A	1	OBFC2B	4	ASCL2	1
PGGT1B	1	CCDC127	4	DCAKD	1
HES6	1	HIGD1B	4	EPS15L1	1
AMAC1L2	1	CD8A	4	RNF146	1
GPR101	1	SORT1	4	CACNA2D2	1
RBM4B	1	SEZ6L2	4	BNIP1	1
PDE6G	1	DES	4	FGB	1
ENTPD5	1	POMT2	4	COL6A3	1
C14orf182	1	DACT2	4	TMEFF1	1
DCPS	1	MGC16275	4	SIRPB2	1
PDZD8	1	BPIL1	4	ALG13	1
ADAM6	1	SLC3A1	4	RNASE3	1
C2orf76	1	OR5E1P	4	ATOX1	1
DBI	1	MYCNOS	4	MPI	1
INHBA	1	SLC22A7	4	FBXL12	1
LOC154761	1	PLA2G3	4	psiTPTE22	1
TRAPPC2	1	NFATC2IP	4	DSCC1	1
OFD1	1	FAM131A	4	SOD2	1
LOC285033	1	SLC16A6	4	ZNF80	1
GPX3	1	CALML3	4	PILRA	1
SIX6	1	C8orf84	4	SS18L2	1
C21orf15	1	ABCA7	4	CDH9	1
C10orf75	1	PDXK	4	BIN3	1
PARP9	1	MFSD6L	4	LOC286359	1

DTX3L	1	OGFOD1	4	FAM159B	1
DDX4	1	NUDT21	4	COQ10B	1
AGA	1	DDX4	4	ZBTB5	1
SUSD4	1	PSMG2	4	MCF2L2	1
SNORD115-11	1	SH2D7	4	RABIF	1
SNORD115-36	1	TWIST2	4	JUB	1
SNORD115-43	1	POLRMT	4	MIR1470	1
SNORD115-29	1	BHMT	4	WIZ	1
HTR3E	1	SLFN1	4	TMEM97	1
KLHDC7A	1	C1orf93	4	UBAP1	1
FAM151A	1	FOXD2	4	DOCK2	1
CHI3L1	1	WDR66	4	MAL	1
PYROXD2	1	MIR19A	4	C9orf116	1
RSPO2	1	MIR20A	4	MRPS2	1
P2RX4	1	MIR17	4	CLEC7A	1
SLC4A4	1	MIR19B1	4	KIAA1324	1
MRPS24	1	MIR18A	4	HSD17B1	1
SCEL	1	LOC100192378	4	BECN1	1
RNH1	1	SDC3	4	APLF	1
GDF11	1	NPS	4	RUNDC1	1
DDRGK1	1	RPA1	4	LOC283731	1
PEPD	1	TM4SF19	4	MIR548A2	1
ABCD3	1	FAM49B	4	THEMIS	1
MIXL1	1	C5orf62	4	ACSM4	1
AMN1	1	DGKA	4	TGIF1	1

HSPA6	1	LOC643008	4	CASC4	1
PHKG1	1	OR2M5	4	AGPAT4	1
HIVEP1	1	SLC38A4	4	GBP4	1
OSMR	1	NT5DC3	4	SCGN	1
INGX	1	RETN	4	KCTD2	1
SLFN11	1	SNORD114-21	4	MYEOV2	1
RAB6A	1	MIR589	4	INTS9	1
PHOSPHO1	1	GP1BB	4	HMBOX1	1
XIAP	1	CORO1A	4	C20orf20	1
FGF12	1	CSF1	4	PPM1M	1
SIGLEC11	1	HDAC5	4	TBC1D9	1
GATSL1	1	CREB3L1	4	C17orf63	1
LRRC49	1	CXCR4	4	MRPL42	1
AMH	1	ST8SIA2	4	RHOH	1
SLC8A2	1	C7orf34	4	FAM101A	1
KLHDC7B	1	PLEKHG4	4	KCNQ3	1
SNORA71C	1	MUC1	4	PCYT1A	1
SR140	1	C15orf41	4	SLC7A5P1	1
HSP90AB1	1	NDFIP2	4	TPRX1	1
GUSBL2	1	CA3	4	AHSG	1
LRTM1	1	GBE1	4	KCNJ14	1
KCNE4	1	ZSCAN22	4	SLC6A12	1
RAB4A	1	C11orf90	4	LRCH4	1
ANKRD36BL1	1	OR51B5	4	ASH1L	1
SEPHS1	1	CHRN3	4	CD80	1

HOXD1	1	IGLL1	4	FRMD5	1
AASDHPPT	1	PRKRIP1	4	MLL2	1
IFT122	1	RBM44	4	SLC34A2	1
MBD4	1	KIF1C	4	POU2F2	1
MORF4L2	1	ALDH16A1	4	INO80	1
UTP11L	1	SMYD4	4	YIF1B	1
SPRED1	1	UGT1A1	4	SCG2	1
RLN3	1	UPB1	4	TMEM173	1
C5orf27	1	CD7	4	KCNK5	1
MRPS16	1	CD1B	4	C19orf75	1
NPC1L1	1	PLEKHF2	4	ZNF547	1
FNDC7	1	DHRS7B	4	TRAPPC2P1	1
RPL37	1	RPL3L	4	NUP153	1
MAP3K2	1	DNAJC27	4	TSPAN31	1
SNORA49	1	ZNF238	4	CD8A	1
TCEA1	1	LRTM2	4	NDUFA3	1
IMPA2	1	SALL3	4	SUDS3	1
PARVB	1	HOXC11	4	BZW2	1
CSRP2BP	1	CFDP1	4	DNASE1L3	1
ZNF562	1	PDZD7	4	WDR53	1
GPR45	1	TTPAL	4	FBXO45	1
LRRIQ3	1	TMEM233	4	LRRC16A	1
FPGT	1	LOX	4	MEPCE	1
ZNF295	1	SLC25A2	4	ZCWPW1	1
HEATR1	1	MAN1A1	4	LEPR	1

TFAMP1	1	CTDSP2	4	ATL2	1
TNR	1	CSK	4	SLC2A5	1
AIFM1	1	PIGY	4	CCDC39	1
OPRK1	1	C1orf229	4	PSENN	1
KRT6B	1	GATAD2A	4	U2AF1L4	1
RAD9A	1	DAND5	4	NUDT3	1
ANKRD18A	1	GRIN3A	4	IGF2R	1
C9orf122	1	LGR4	4	ZNF566	1
RALA	1	KCNA4	4	CIB2	1
CD79A	1	HAS3	4	MNT	1
OR2H2	1	C11orf53	4	TIMM8B	1
DDX10	1	GAS2L2	4	SDHD	1
CNTN3	1	GMPR	4	C4B	1
CPXM2	1	CPOX	4	C4A	1
PSTPIP1	1	PLUNC	4	SNORD45C	1
FBXO18	1	REM1	4	RABGGTB	1
GP9	1	SCARNA27	4	OTOR	1
SOX13	1	KCTD11	4	BACE2	1
PRPF18	1	ANKK1	4	PLAC4	1
SERF2	1	SIRT6	4	NUP62CL	1
ERC1	1	PSG5	4	XCL1	1
C1orf230	1	DMWD	4	JAG2	1
TRPM7	1	MIR411	4	MIR654	1
TGFB1	1	C3orf24	4	MIR300	1
OPTC	1	MYST3	4	MIR376A1	1

GPR4	1	FAM100B	4	MIR376B	1
WAC	1	CBFB	4	TMEM68	1
CALML3	1	GRINA	4	LARP4	1
SOCS2	1	KCNA6	4	SAMD4B	1
KIAA0495	1	OR2Y1	4	HAVCR1	1
FTH1	1	PCDHA7	4	GPR109A	1
SFTPB	1	PCDHA10	4	POU2AF1	1
BBC3	1	PCDHA8	4	RBM34	1
SPDEF	1	PCDHA9	4	GJC1	1
INTU	1	FKRP	4	GUK1	1
C2orf57	1	MAP2K4	4	RPS15	1
SEC11C	1	KRT12	4	PHF17	1
NDUFAF4	1	FIGF	4	RFX4	1
SULT6B1	1	KRTAP13-1	4	SIGLECP3	1
TUBB4Q	1	C3orf22	4	TMEM53	1
ELAC2	1	RBP2	4	AFF1	1
SNORD116-24	1	DGCR2	4	MBOAT2	1
ANKHD1	1	KEL	4	LRRC42	1
UGT1A1	1	GRSF1	4	HSPB11	1
CEP350	1	PHC3	4	GHR	1
HIST1H2BE	1	MRM1	4	GNMT	1
EFHD1	1	C6orf26	4	ANKDD1A	1
ZSCAN20	1	GPR137	4	PDGFRB	1
C1orf56	1	BAD	4	PFDN1	1
BNIP1	1	EGOT	4	MPL	1

IMMT	1	PCYT1A	4	C10orf91	1
PROCR	1	EMILIN1	4	PTK7	1
RPS19	1	NKAIN1	4	HOXA9	1
C10orf58	1	LRTM1	4	PRR22	1
MID2	1	TDRD12	4	HHIPL2	1
TATDN1	1	OPN3	4	HAUS8	1
C11orf71	1	NT5C2	4	CPNE6	1
RBM7	1	LAMA1	4	ANO1	1
NOBOX	1	SLC25A30	4	C15orf42	1
PAFAH1B3	1	PLCL1	4	SIRT5	1
EGFL6	1	C1orf66	4	DCTN4	1
C8orf80	1	GLRA1	4	KCND2	1
ATR	1	ZNF286B	4	ACR	1
ANAPC7	1	MIR1470	4	CYR61	1
TMEM217	1	TM4SF1	4	VAMP1	1
LIMK2	1	STAG1	4	RGS14	1
CPZ	1	C21orf90	4	COMMD1	1
TCTN1	1	NLRP11	4	BPMS2	1
MRPS14	1	NRIP3	4	EHBP1	1
NELL2	1	SART1	4	STX10	1
OR2AK2	1	CLDN22	4	LOC338758	1
OR6N2	1	LOC150185	4	SNTA1	1
EXOSC9	1	GPR153	4	ACSS1	1
AHCY	1	ARRDC2	4	NRIP2	1
WASF3	1	AKNAD1	4	PAWR	1

SEC11A	1	SLC35C2	4	GCAT	1
PMS2L2	1	NECAB3	4	DTNA	1
CRTAM	1	SLMO2	4	UPK1A	1
RUNX1T1	1	LRRC36	4	STK11	1
AQP10	1	KCTD19	4	CBX8	1
CD83	1	DSG3	4	SETBP1	1
WDR74	1	FZD8	4	SYNGR1	1
PLAC2	1	HNMT	4	NDEL1	1
S100A7A	1	MS4A14	4	MRM1	1
CENPV	1	CNNM4	4	INPP5J	1
PARP4	1	GAD2	4	PGS1	1
ARHGAP30	1	B4GALT6	4	MTCH2	1
CLN8	1	CROCCL1	4	RETN	1
SLC2A1	1	TCFL5	4	NBLA00301	1
ATP6AP2	1	CAMK2N1	4	KCNC3	1
FBXO46	1	DPYS	4	TDRD6	1
PTTG1IP	1	CNN2	4	TPD52L2	1
C1orf92	1	C6orf70	4	FHL3	1
IER3IP1	1	RBM4B	4	USP29	1
RPS6KB2	1	ZNF148	4	WDR64	1
ZNF653	1	UBE4B	4	NLE1	1
SPACA3	1	NFIB	4	ZNF70	1
RNF44	1	MIR27A	4	MUC20	1
CLDN3	1	CAMTA2	4	GAS7	1
TAC3	1	C7orf36	4	PTGS2	1

ATG7	1	FGF13	4	IDH3A	1
ETF1	1	C1orf146	4	PHLDB3	1
ERF	1	BTK	4	ST3GAL3	1
LOC150381	1	MIR125A	4	RNF2	1
C22orf26	1	MIRLET7E	4	SLC22A1	1
GCK	1	RHBDD1	4	USP8	1
PPP5C	1	ZNF431	4	PRAMEF12	1
GLOD4	1	TMPRSS11E	4	SVOPL	1
RNMTL1	1	SNORD115-42	4	C17orf54	1
UCN2	1	RILP	4	SLC12A2	1
PRKCE	1	LBR	4	FLJ33630	1
HEPHL1	1	MIR541	4	KIRREL2	1
ZNF2	1	OR2B2	4	SASH3	1
PLS3	1	WDTC1	4	YPEL5	1
AKT2	1	STX18	4	SUPT4H1	1
UQCRC1	1	ZBTB32	4	ITGAM	1
SMAD5	1	FUT5	4	C6orf35	1
SMAD5OS	1	GAMT	4	ANKRD32	1
SPATA16	1	RNF217	4	ZNF167	1
SNRPD1	1	HOXB8	4	MED10	1
CPNE4	1	SNORD57	4	PPM1D	1
TRIM13	1	DMRTC2	4	CCL3	1
DLEU2	1	DENND2A	4	C1QTNF9B	1
EEF1DP3	1	C6orf174	4	CPN1	1
FAM72D	1	RANBP3L	4	SYTL4	1

C17orf70	1	RALB	4	TUBA4A	1
MYH7B	1	SNORA45	4	NMT1	1
TINAG	1	FBXW9	4	EPM2A	1
GOLPH3L	1	TRPC1	4	SRD5A2	1
CLEC4A	1	VAT1	4	GJA4	1
LRTM2	1	STYXL1	4	KIF13B	1
SCAMP5	1	RAD54L2	4	KIAA1644	1
MACC1	1	ITGAV	4	CLN6	1
TUBGCP4	1	FBXW12	4	ZNF761	1
OR6M1	1	PSAPL1	4	DNMT3B	1
BCL10	1	CCDC148	4	HIST1H4H	1
LHX8	1	TMEM161A	4	CDC7	1
SSBP1	1	SAMD13	4	VSX1	1
ARF4	1	TMEM120A	4	JAM2	1
ACBD3	1	SLAMF9	4	CPSF1	1
SCARNA20	1	MS4A10	4	MIR939	1
OPRM1	1	BLID	4	NXF4	1
LILRB2	1	FCGR3A	4	PLEKHM3	1
TMX3	1	SPHK1	4	RNF149	1
CCDC102B	1	SIGLEC14	4	CYP2D6	1
PCDHGC5	1	GPHA2	4	LIPC	1
CXCR3	1	LTK	4	ADD3	1
FN3K	1	SPATA24	4	DDX51	1
ZNF233	1	SLIT2	4	CTAG2	1
HNRNPH2	1	OR1A2	4	GJC2	1

ZNF580	1	FAM78B	4	SCAMP4	1
GRIN2C	1	SMAD2	4	ADAT3	1
TMED3	1	LOC100101938	4	TARDBP	1
SH3GLB1	1	PKP2	4	TPRG1L	1
PMS2L4	1	HSPA8	4	CHRM3	1
AGR2	1	TAF1C	4	SLC29A3	1
GAS2	1	LHX8	4	ARFGAP2	1
PDK2	1	MMP13	4	PDE4DIP	1
TMEM233	1	GLIS2	4	LOC148696	1
SERPINB1	1	CEACAM6	4	EN1	1
C5orf32	1	CRX	4	GIT2	1
ATP8B3	1	SLC39A5	4	ZNF250	1
ZNF540	1	BAHD1	4	MPEG1	1
ITGA1	1	SNAPC5	4	ZNF708	1
DOCK7	1	PIM3	4	ANKRD37	1
MEP1B	1	XKR7	4	TEKT2	1
MAP1D	1	NRGN	4	COL17A1	1
C1orf110	1	TP53BP2	4	DOCK4	1
RAB12	1	NTHL1	4	SLC11A2	1
LGI4	1	DLL1	4	UNC13C	1
GBX1	1	ADCK4	4	FAM131C	1
SYNC	1	ITPKC	4	HNRNPC	1
NES	1	RASL10B	4	SCGB2A2	1
NAT2	1	SNORD22	4	CAPNS1	1
GPX7	1	SNORD31	4	URB2	1

RERG	1	AGFG2	4	TAF5L	1
ATP8B2	1	PTGFRN	4	PDE7A	1
NSUN4	1	PSMA1	4	LOC100133669	1
OR56A4	1	FLG2	4	YME1L1	1
API5	1	HEG1	4	MASTL	1
OR9Q1	1	IFI27	4	SNORD114-29	1
SSTR5	1	PM20D1	4	SNORD114-28	1
C1orf103	1	FSCN1	4	KYNU	1
TSC22D1	1	NACAP1	4	PHF11	1
LLGL1	1	KRT85	4	STAMPB	1
KCTD8	1	CDS1	4	ZNF586	1
DOK7	1	AIMP2	4	SELV	1
TTC7B	1	IRX5	4	GNG2	1
LCE1D	1	ZNF503	4	COPZ1	1
CXADRP3	1	LRRC20	4	KRT75	1
ZSWIM5	1	PLS3	4	EPDR1	1
CROCCL2	1	FAM19A1	4	EFNA5	1
KRTCAP2	1	NAPEPLD	4	UPK3B	1
GPRC5C	1	SLC27A1	4	HHEX	1
ZER1	1	KRTAP10-7	4	TSSK4	1
C17orf64	1	KIAA1377	4	CSGALNACT2	1
GLT25D2	1	PLA2G16	4	DGCR5	1
TRAF5	1	C10orf104	4	RNF216L	1
C2orf52	1	CRYGC	4	OR2F2	1
PHRF1	1	KRT19	4	CAP2	1

LOC143666	1	NECAB1	4	FGFRL1	1
TMX1	1	SLC4A9	4	DHCR24	1
LOC728392	1	SNRPF	4	SLC35F5	1
PRPSAP2	1	TBX18	4	LACTB2	1
SAMM50	1	C20orf201	4	RSF1	1
BBS7	1	CUGBP1	4	DHRS11	1
ANKRD13A	1	RSPO4	4	PLEKHA6	1
C20orf112	1	TERF2	4	FBN2	1
ZNF16	1	C1QTNF9B	4	KIAA0754	1
MIR595	1	ZNHIT2	4	CHD3	1
ANAPC5	1	PIWIL2	4	PLCB2	1
WBP2	1	SAPS1	4	DUSP8	1
UNC13D	1	C10orf58	4	TSPAN4	1
LPXN	1	MIR187	4	RPS20	1
ARPC4	1	MIR572	4	SNORD54	1
FAM194B	1	MATN4	4	C3orf63	1
GP1BB	1	TSPAN2	4	AVP	1
ZNF195	1	USP50	4	ADAMTS14	1
MCCC1	1	ABI1	4	RLTPR	1
PER2	1	FABP6	4	ESPNP	1
DRD4	1	KIF17	4	RGS6	1
CD226	1	IGFBP4	4	TEX101	1
NFATC4	1	MIR1234	4	IL5	1
ACSL1	1	TRIP13	4	ARC	1
SLED1	1	ERN2	4	CD44	1

POLR1B	1	CTSB	4	DNAJC24	1
MAGEA4	1	PRKCG	4	LOC285205	1
MIR548H4	1	RRN3P2	4	BRUNOL5	1
SPESP1	1	COG1	4	KLC4	1
NOX5	1	VWA5A	4	GPR61	1
SRR	1	MIR1537	4	LOC728661	1
SLC30A5	1	SGCE	4	CDK11B	1
LTB4R	1	CDA	4	F11	1
FBXO17	1	DPM1	4	PRICKLE1	1
S1PR2	1	ANKRD44	4	ZNF280C	1
MARS	1	PPP2R2D	4	CXCL2	1
MIR1275	1	CDH6	4	ZNF555	1
TAS2R38	1	CLK3	4	LAMA5	1
PRSS48	1	YTHDF2	4	EFHC2	1
TRIM71	1	NFYC	4	ZNF235	1
PPIL1	1	FLAD1	4	NFKB2	1
DBX2	1	MIR150	4	ENTPD7	1
AGPHD1	1	FAM167B	4	HERPUD2	1
GOLSYN	1	ANKMY1	4	DUSP11	1
C8B	1	SARNP	4	ESR2	1
C2orf82	1	PTN	4	PTP4A3	1
HSPB7	1	MYBPC3	4	FBXL17	1
SCARNA2	1	TSPAN15	4	NCAN	1
ULK3	1	GLRA4	4	CNGB3	1
KBTBD5	1	MFAP1	4	KCNG2	1

ABCG4	1	RPRD1B	4	ZNF526	1
SIX4	1	NPLOC4	4	SPON2	1
CAMK2D	1	MIR515-2	4	TLX1	1
SNORD115-19	1	MIR515-1	4	OR10H4	1
SNORD115-17	1	MIR941-1	4	MAP4K4	1
SNORD115-18	1	MIR941-3	4	PPP1R14C	1
ALK	1	MIR941-2	4	PTPRN	1
FLJ10357	1	AIP	4	TTC37	1
LOC283392	1	NCR2	4	C10orf50	1
FAM129A	1	JMJD1C	4	SNORA26	1
FHL1	1	LGALS2	4	KIAA0114	1
GPKOW	1	C17orf96	4	STYX	1
CEP170	1	ATF7IP	4	CACNB1	1
ZFP92	1	EPHA4	4	CWC22	1
LY6G6E	1	TSSK6	4	ZCCHC8	1
LY6G6D	1	NDUFA13	4	AP4E1	1
DEFB131	1	APCS	4	STARD6	1
LIMD1	1	LIFR	4	IFLTD1	1
ARNT2	1	UBE2E1	4	RASL10B	1
RBM23	1	ZP4	4	MRAS	1
PRMT5	1	RXFP1	4	SKIV2L	1
PRKRA	1	CST2	4	NICN1	1
PWRN1	1	PREPL	4	DYNLT1	1
AGAP6	1	BCL7B	4	RPS6KA5	1
ABCC8	1	FAM13B	4	KLF1	1

GLRX5	1	C2orf57	4	CSF1R	1
SNHG10	1	ACSF2	4	PTPN9	1
CRYGC	1	EFHA2	4	DCAF8L2	1
RPSAP52	1	CCR2	4	RSPH6A	1
KCNK13	1	GPSM2	4	MANEA	1
MICAL1	1	ATP13A2	4	CDK15	1
TRIM53	1	FGF2	4	LIMS2	1
C20orf103	1	ZBTB9	4	GPR17	1
KIAA0753	1	RHBDF1	4	SOX6	1
TUBB6	1	STX11	4	C10orf47	1
MRPL30	1	C17orf69	4	ATP11B	1
CLIP4	1	OR10A3	4	C14orf4	1
GPR68	1	LOC115110	4	MREG	1
KLHDC2	1	ASB14	4	NRM	1
ZFAND2B	1	STOM	4	CHRNA9	1
UBXN7	1	RAMP1	4	OTUD7B	1
CD96	1	LOXL2	4	LOC100302640	1
CBX2	1	STRA13	4	ATIC	1
ACAP1	1	ZNF276	4	MINA	1
TRIM35	1	SOAT2	4	MANEAL	1
C10orf96	1	DDX41	4	ACTG2	1
CXXC5	1	FMNL3	4	NEU1	1
ANTXR1	1	CD200R1	4	INA	1
CYTH2	1	FAM83D	4	DDI2	1
MMP11	1	C20orf186	4	PDCL3	1

MIR200A	1	ANKRD45	4	CYP4V2	1
MIR429	1	FOXF2	4	GTF2I	1
RPUSD2	1	SNORD114-13	4	ANTXR1	1
NOS1AP	1	MALL	4	C1orf59	1
SFRP4	1	PPP2R5E	4	DLC1	1
EPC2	1	C22orf28	4	SOX9	1
UBR3	1	DMP1	4	C1orf38	1
DDX31	1	PTP4A2	4	AIP	1
PPP2R4	1	WIT1	4	SERPINB10	1
C9orf64	1	TBX1	4	KRT79	1
NKIRAS1	1	ORMDL3	4	HSD11B1L	1
RPL15	1	BTBD16	4	C19orf70	1
TACSTD2	1	PKD1L2	4	NHLRC2	1
DYRK1B	1	CACNG2	4	DCLRE1A	1
AGAP11	1	NBR1	4	ASCC1	1
MIR200B	1	EGLN3	4	ILDR1	1
CTDP1	1	MST1P9	4	RPL22	1
SP6	1	WDR43	4	AIM1L	1
SARDH	1	ABCB4	4	PI16	1
CCDC104	1	RPGRIP1	4	C7orf45	1
ATF4	1	SLC38A7	4	LOC729668	1
GAB1	1	RGS13	4	TBC1D10A	1
ADRBK2	1	COIL	4	GRIK2	1
SH3BP1	1	TMEM8B	4	COG1	1
C19orf66	1	C5orf49	4	ZP1	1

ASTN1	1	RDH10	4	CADPS	1
ATF7IP	1	TOMM70A	4	ZNF839	1
RAB31	1	IL31RA	4	DAPK3	1
GYS1	1	NEK9	4	LRMP	1
COQ4	1	FAM195B	4	TMEM90B	1
MIR522	1	TULP2	4	PRPF6	1
GNG10	1	TIMM8B	4	VEZF1	1
DNAJC25-GNG10	1	SDHD	4	ROCK1	1
ZNF284	1	TUBB4	4	ALS2CR8	1
LRRC23	1	MIR512-1	4	WDR12	1
CYP4F22	1	MIR512-2	4	DCST1	1
SPDYA	1	PAR4	4	NBPF9	1
C9orf86	1	SNORD115-23	4	FAM65B	1
CLEC2D	1	TMEM80	4	TNFSF11	1
GUCA1B	1	IQCH	4	MIR524	1
PQLC2	1	DFFB	4	IL24	1
C9orf7	1	ETV7	4	GRIK5	1
C5	1	SLC26A9	4	C1orf177	1
ACO1	1	VCAM1	4	MRPS23	1
OGN	1	GPR26	4	KDEL2	1
ZNF326	1	LYPD2	4	MAD2L1	1
C1orf212	1	ATF5	4	TBCEL	1
CENPL	1	PLA1A	4	ITIH1	1
SMARCA2	1	SLC25A40	4	FKBP8	1
SFXN3	1	C10orf84	4	PAIP2	1

PDZD7	1	POLG	4	IRGM	1
UBAC1	1	FAM46A	4	C6orf204	1
NEK11	1	FZD2	4	BRD7P3	1
LDHAL6B	1	NDUFS3	4	PRG3	1
GPATCH1	1	KBTBD4	4	IGSF1	1
DLX4	1	SERTAD2	4	TMEM135	1
RNASEL	1	RAD21	4	LCE3E	1
GSS	1	HADHB	4	DDHD2	1
SLC13A5	1	SNORA33	4	RCN1	1
FAM69C	1	NODAL	4	LINS1	1
KIF5B	1	ZGPAT	4	GUCY1B2	1
C1orf49	1	MIER2	4	C19orf12	1
SLC25A38	1	MIR1256	4	MICAL2	1
TMOD2	1	CES7	4	STAU1	1
LYSMD2	1	WBSCR28	4	EXOSC4	1
IER3	1	NCRNA00029	4	SPRY4	1
ANXA2	1	CGB5	4	PPP2R3A	1
ACSBG1	1	APOE	4	MRPS17	1
EFCAB9	1	TNPO2	4	PTPRQ	1
PDCD2	1	SAMHD1	4	TARM1	1
TRIM16	1	ERMAP	4	HIST1H3G	1
CKS2	1	SAFB	4	PRPF39	1
FAM32A	1	SAFB2	4	LOC100128292	1
DMRT3	1	MDH2	4	IFI35	1
LOC100130522	1	CYP4F22	4	PHB	1

OPTN	1	CRTAP	4	HK1	1
PTPRC	1	SLC10A6	4	MRPL12	1
EPAS1	1	SFRS7	4	CDH18	1
PAOX	1	FUK	4	AADAT	1
EYA3	1	DAK	4	LOC100240734	1
MAGEA6	1	APLP2	4	SNX11	1
OR8I2	1	SLC26A4	4	CCDC116	1
MTA2	1	LOC100128788	4	ZNF619	1
TBC1D2	1	SRRM2	4	ARL14	1
PTPRD	1	SLC7A11	4	EIF3H	1
C9orf50	1	SMPX	4	CTTNBP2NL	1
NFKB1	1	AP3B1	4	ZBTB24	1
CYB5D1	1	SERPINA5	4	BTLA	1
CLDN10	1	LAPTM4B	4	FOXJ1	1
LOC100130557	1	ZNF331	4	TFPT	1
HAUS6	1	CAMP	4	LOXL1	1
SHISA3	1	GOLGA7B	4	PXK	1
SLC16A3	1	TEF	4	B4GALT4	1
ICAM2	1	AGXT2	4	SPINT1	1
C17orf72	1	SEMG1	4	MIR585	1
DOLK	1	PRG2	4	PPP1R11	1
NUP188	1	UBE2N	4	CLTCL1	1
PCSK5	1	MAPK1IP1L	4	GUCA1A	1
MS4A1	1	ZNF768	4	CRYBB3	1
ZNF570	1	SP140	4	PRAMEF22	1

ZNF569	1	MIR376A1	4	FAR2	1
KIF25	1	CPXM1	4	RTF1	1
FRG2	1	LOC93432	4	GK	1
ROD1	1	SLC25A33	4	JPH2	1
CYTH1	1	PLAGL2	4	CECR1	1
PHF2	1	LRRC23	4	CAMK2N1	1
HMG1	1	MIR505	4	HTRA4	1
LYPD6	1	PRPF31	4	PLEKHA2	1
RIT1	1	EXOC8	4	T-SP1	1
NAA38	1	ARMC2	4	VDAC1	1
FIBCD1	1	GPR21	4	KRTAP10-2	1
C4orf52	1	C21orf33	4	FXVD1	1
FAM163B	1	TMEM42	4	ZNF10	1
C5orf42	1	C12orf23	4	GMEB1	1
FAM182A	1	LOC100132163	4	GSTT1	1
CDC26	1	CATSPERB	4	DDX50	1
TRIB1	1	GBGT1	4	CMC1	1
FOSL1	1	IGSF8	4	CHPT1	1
PCDP1	1	ASRGL1	4	IL15RA	1
TMEM145	1	LILRB2	4	KCNK18	1
RALGPS1	1	ZNRD1	4	CRYGA	1
GNA14	1	PNMA5	4	SLC38A3	1
C14orf147	1	SERPING1	4	GPN2	1
ABCA10	1	MSH6	4	GPATCH3	1
C9orf93	1	C12orf11	4	TAF10	1

VPS33A	1	RBBP4	4	DLX3	1
FAM111B	1	TIPARP	4	CCDC11	1
HSPC159	1	KNCN	4	SLITRK6	1
GPC5	1	STRA8	4	DCDC2	1
MUCL1	1	LCNL1	4	MST1P9	1
RNF38	1	PABPN1	4	HECTD2	1
HNRNPK	1	TMEM110	4	MYADM	1
RMI1	1	FSTL1	4	GRN	1
FSD1L	1	FLJ14107	4	G3BP2	1
ATAD3A	1	ADRA1D	4	ATHL1	1
UBTD1	1	CAPG	4	SPON1	1
CCDC148	1	GLB1	4	CASP5	1
SPTLC1	1	MRTO4	4	GPR124	1
FNBP1	1	SULF2	4	C19orf53	1
AKAP2	1	TRIM58	4	HSD17B8	1
PRDM12	1	CA13	4	MDGA1	1
INSL6	1	LOXL3	4	KRT16	1
LOC100129066	1	TSPO2	4	MIR573	1
SORT1	1	PSKH2	4	FFAR1	1
ELAVL2	1	TLK1	4	TAAR1	1
DNAJC6	1	INADL	4	SNORA14B	1
MAPK13	1	C14orf177	4	TOMM20	1
ZMYND11	1	EIF3A	4	EIF4B	1
PCYOX1	1	FAM151A	4	CEP135	1
LOC728989	1	SGSM2	4	DUOXA1	1

LSM1	1	C12orf71	4	CD151	1
BAG4	1	DUSP14	4	POLM	1
RNF150	1	MYOT	4	TF	1
PLCXD3	1	SCIN	4	MUC1	1
COL15A1	1	POLR2C	4	NUP85	1
KIF12	1	SPRR2A	4	IRS2	1
FAIM3	1	C4orf51	4	ABL2	1
PBX3	1	CBX6	4	RNF216	1
ZNF510	1	DACT1	4	RAB3B	1
OR2L8	1	CPA5	4	FABP3	1
SLC27A6	1	FOSB	4	PPA1	1
MCART1	1	ARL3	4	STRADA	1
PLIN2	1	EMR1	4	MIR1180	1
ZNF367	1	TAPT1	4	B9D1	1
SLC35F4	1	ATF3	4	RGS2	1
IDH3G	1	ITGA2	4	GPR25	1
SLC46A2	1	GSTCD	4	RBPJ	1
OR11A1	1	RCAN1	4	IL1F10	1
SLC25A20	1	PNMT	4	RASGEF1C	1
PQLC3	1	LPIN2	4	RP9P	1
EHD3	1	MLNR	4	CEND1	1
INPP5E	1	YSK4	4	NLRC4	1
DPT	1	C17orf77	4	BOC	1
LRWD1	1	XYLT2	4	FAM108C1	1
E2F1	1	LGALS9	4	FKBP1A	1

POU5F1B	1	OR52K2	4	ZNF513	1
ZNF143	1	UNC5C	4	VANGL2	1
KDM4C	1	UCN2	4	TANC1	1
CNTLN	1	LOC100240734	4	BACH2	1
LCN10	1	DLG1	4	MYST4	1
HCG11	1	MIR377	4	SH2D5	1
ENG	1	WNT10B	4	PRR5	1
ARID3C	1	C2orf81	4	FOXJ3	1
ZCCHC7	1	CCDC63	4	SIL1	1
TBC1D17	1	KIF3C	4	CCND3	1
SMYD5	1	HCRT	4	ZNHIT3	1
FLJ40292	1	CHRNA7	4	EIF3B	1
C14orf19	1	TPP2	4	CD58	1
ADAMTSL2	1	C19orf39	4	SLC16A14	1
DCAF12	1	MIR548Q	4	TRIM47	1
CBLC	1	ZNF609	4	TBXAS1	1
LOC554202	1	NSFL1C	4	FAAH	1
ATP2B3	1	ALDH2	4	OSBPL9	1
DOLPP1	1	DENND5B	4	MAGI3	1
F12	1	LRRN3	4	TAF7	1
TCL1A	1	NTN5	4	KRR1	1
TOMM40	1	SLC22A4	4	GLIPR1	1
LOC100190939	1	SLC39A2	4	PIP5K1A	1
DEC1	1	C14orf39	4	FABP5	1
SECISBP2	1	DGCR5	4	SLC43A1	1

EIF3IP1	1	FHOD1	4	CTAGE5	1
PI4KB	1	C2orf88	4	SLC38A9	1
ODF2	1	HKR1	4	SUFU	1
IPO5	1	GAGE10	4	ACTR1A	1
CASC2	1	LOC440461	4	ZBTB10	1
PSMG2	1	ADCK2	4	TMEM37	1
CEP76	1	DHDDS	4	TBC1D28	1
MRPL19	1	HMG2	4	MYBPC1	1
BICC1	1	CBFA2T2	4	THNSL2	1
ARID5A	1	KIFC2	4	CRB3	1
VPS37C	1	C6orf89	4	KLHL3	1
C9orf119	1	PHACTR3	4	FAM198B	1
GRIN2B	1	VASH2	4	MS4A10	1
GIPC3	1	FRMPD2L1	4	NUP37	1
ST6GALNAC6	1	SLC7A9	4	RAB19	1
RORC	1	MAP6D1	4	NR1I2	1
RBM15	1	IRGM	4	LOC728875	1
IGSF8	1	STX8	4	PRKCQ	1
ABCC6P2	1	OR2C3	4	WDR88	1
ITPA	1	ZNF217	4	PCDHA12	1
SNORD114-21	1	FBXO22	4	PCDHA11	1
ZNF786	1	TCTN2	4	PCDHA13	1
ZNF169	1	PSEN1	4	PCDHAC1	1
IKZF2	1	BMP8B	4	SLC22A16	1
LYRM4	1	RNF186	4	RGS8	1

BSPRY	1	C14orf28	4	CYP17A1	1
LCN1	1	TPRG1	4	POU3F2	1
CUL7	1	GNAI1	4	ZNF624	1
MSMP	1	JMJD8	4	LLGL2	1
KCTD15	1	SLC39A1	4	ARHGAP23	1
PPAPDC3	1	STK32A	4	LOC154822	1
EXOSC2	1	DAP	4	C21orf71	1
H3F3C	1	ZNF34	4	KLHL7	1
PPP3R2	1	RFPL3S	4	FCF1	1
GRIN3A	1	STAT3	4	LASS3	1
MAP7D1	1	ALS2CR4	4	CNTROB	1
PRR18	1	ALKBH2	4	TRAPPC1	1
CSTF3	1	MPP7	4	TOP3A	1
SULT1C4	1	RBKS	4	USP46	1
ZFC3H1	1	CDC20	4	PI4K2B	1
ANGPTL6	1	RESP18	4	MED24	1
RALGDS	1	DCHS1	4	COL1A1	1
SMC2	1	SDR16C6	4	APOL5	1
C9orf169	1	TNIP3	4	HYLS1	1
CCL15	1	TJP1	4	DES	1
CCL14-CCL15	1	SNORD48	4	MPZL2	1
ARHGEF18	1	HTR2C	4	TRIM8	1
STX3	1	REEP3	4	LZTS2	1
ZCCHC13	1	GALNT12	4	FN1	1
SNX30	1	NAALADL1	4	FAM72B	1

OR2A25	1	GALC	4	LOC728407	1
FXN	1	TFR2	4	PARG	1
C9orf5	1	LGI4	4	RAP1B	1
ZNF259	1	ZNF204P	4	SUZ12P	1
APTX	1	LOC100129066	4	BNIP3	1
KIAA1267	1	TXNDC6	4	CEP72	1
FAM71B	1	NARF	4	NOS3	1
SURF4	1	FBXW5	4	KCNJ4	1
SNORA64	1	RHOH	4	MPZL3	1
DUSP14	1	APBB1	4	SLC43A3	1
TOR2A	1	TRIM50	4	PLK2	1
GAL3ST4	1	CCDC153	4	C7orf36	1
KCNA4	1	SH3RF2	4	FGR	1
SOHLH1	1	FAR2	4	CGN	1
HNRNPA1	1	CIDEA	4	BRAF	1
HNRPA1L-2	1	OR11L1	4	C6orf41	1
CBX5	1	INHBE	4	SNORD115-25	1
RSPH10B	1	SEPT13	4	SAMD11	1
RSPH10B2	1	C4orf44	4	SLC39A6	1
SLC24A2	1	KNG1	4	EMR1	1
ZBTB43	1	GALNT5	4	WDR17	1
C9orf173	1	MKRN1	4	C1orf113	1
TPD52L1	1	GIMAP2	4	SNORD115-8	1
MFAP1	1	GALNT7	4	NFE2L2	1
GFRAL	1	HRAS	4	TRIM62	1

STH	1	TRAM1L1	4	OR6P1	1
PDCD1LG2	1	APOL2	4	SCMH1	1
AP3M1	1	ADAM7	4	MLLT6	1
WDR34	1	PLAC1L	4	POP1	1
ZNF732	1	OR13A1	4	HRSP12	1
S1PR3	1	OR1E2	4	VTA1	1
SNRNP200	1	DUS1L	4	FSD1	1
BAT2L1	1	SRPX2	4	FAM19A2	1
MTHFR	1	CAV1	4	ZSWIM6	1
GFI1B	1	CFTR	4	PGAM5	1
RASGRF2	1	MIR205	4	ABCF1	1
MYH15	1	SFXN3	4	GNA12	1
ADCYAP1	1	PLEKHO1	4	CSHL1	1
CREG2	1	ORAI3	4	C10orf28	1
GPSM1	1	TMEM63A	4	FAM168A	1
ADAMTSL1	1	ACTG1	4	C4orf21	1
SLC26A5	1	GPS1	4	C1QTNF1	1
RGNEF	1	ANXA6	4	POU5F2	1
PRKD3	1	CLDN11	4	GPR177	1
CCDC47	1	SLC44A3	4	HYMAI	1
DAB2IP	1	LOC285370	4	PLAGL1	1
FAM120AOS	1	MIR641	4	CRTAP	1
ZNF532	1	NFE2L1	4	PCBD1	1
MRFAP1	1	MXI1	4	CYHR1	1
ZNF664	1	GDPD1	4	IL5RA	1

C9orf25	1	C3orf74	4	CNTNAP4	1
OLFM1	1	POLN	4	MAST4	1
C10orf32	1	ANAPC13	4	C5orf44	1
LOC145837	1	ZNF683	4	MIER1	1
AGTRAP	1	COL2A1	4	WDR78	1
LONRF2	1	MLPH	4	ARHGAP9	1
ZNF641	1	TRIM3	4	MGC16275	1
ERCC2	1	PIPOX	4	UCP2	1
NNT	1	FGF8	4	ZNF503	1
GPR21	1	COG3	4	ASAH1	1
RABGAP1	1	TDGF1	4	HMCN1	1
BATF3	1	ATP1B1	4	GREB1	1
RAD50	1	SOX30	4	IL3	1
ANAPC2	1	C7orf65	4	PARP10	1
NDOR1	1	CD40	4	C18orf2	1
SURF6	1	CACNG5	4	CALB1	1
EFNA1	1	OR10J5	4	GPIHBP1	1
TNFRSF9	1	PTPRV	4	TRIP10	1
KIAA1671	1	TBC1D21	4	VSTM2A	1
CYP51A1	1	LOC100128542	4	CHCHD2	1
URM1	1	TBC1D22B	4	LOC100133991	1
GABBR2	1	CDR2	4	TREML4	1
BAI3	1	FAM12A	4	LPAR6	1
ASPN	1	SPIRE1	4	ARX	1
RABEP1	1	GHDC	4	SOX30	1

TCF7	1	CXCL2	4	LRP2	1
C21orf96	1	USP6	4	TOX4	1
LOC100287834	1	C7orf53	4	RAB2B	1
AIG1	1	SCGB2A1	4	AHR	1
TCTE1	1	HOXD9	4	MIR372	1
YY1AP1	1	MAPK15	4	MIR371	1
C9orf163	1	LNX2	4	MIR373	1
ZACN	1	HYAL1	4	TPM4	1
PRSS38	1	RAB3IP	4	BAG5	1
UGCG	1	NKX6-1	4	ATP2A3	1
SLC39A3	1	GGA3	4	ATG16L2	1
NAPA	1	RELT	4	ELK4	1
CATSPERG	1	ETV5	4	MIR1293	1
NCRNA00114	1	IRAK2	4	CDCP1	1
UGT2B7	1	TMEM217	4	PIPSL	1
C3orf70	1	NXPH3	4	LOC100130872-SPON2	1
OPN5	1	SON	4	ENGASE	1
SERPING1	1	MC3R	4	CCDC55	1
RINL	1	FITM1	4	RP11-529I10.4	1
NKTR	1	C17orf47	4	TSPO	1
RCCD1	1	MRI1	4	NDST1	1
CCDC144A	1	AP3B2	4	CDKN2D	1
BPHL	1	KRTAP13-3	4	KRI1	1
BRPF1	1	HDAC1	4	ADAMTS10	1
PREX1	1	AEBP1	4	FAM53B	1

DUSP7	1	TRIOBP	4	CAPN10	1
MARCH8	1	CHRNA6	4	PRB3	1
TFF2	1	NUDT3	4	SLC35A5	1
SOCS3	1	KIAA1841	4	C21orf57	1
KRTAP3-3	1	LOH12CR2	4	MCM3AP	1
C15orf43	1	ZNF580	4	CCKBR	1
SLC35E1	1	PDP1	4	COX17	1
B3GNT3	1	FABP2	4	BAP1	1
KLK6	1	GFPT1	4	PHF7	1
KCNB1	1	LCN8	4	PLAUR	1
MICAL3	1	MMP3	4	KIAA1257	1
RDH10	1	F12	4	LOC649395	1
UQCC	1	SFRS1	4	KIAA1949	1
ANKRD30B	1	ALCAM	4	BEND2	1
SIRT7	1	OVCA2	4	TULP1	1
ASAP2	1	S100A11	4	AQP6	1
CASS4	1	DBH	4	SPINK2	1
GUF1	1	JOSD1	4	WDR77	1
CDKN2AIPNL	1	ARFIP1	4	ATP5F1	1
THUMPD1	1	CASKIN1	4	KIAA1522	1
APBA3	1	SNORD105B	4	OR5M10	1
PWWP2A	1	PVRIG	4	PABPC1L	1
PLIN3	1	DBNDD2	4	MEOX2	1
POLR3K	1	ANGPTL5	4	HLA-DRB6	1
MRPL16	1	H1FOO	4	LAMP3	1

EEF1D	1	SLC13A5	4	SELM	1
TIGD5	1	VEZF1	4	GTPBP10	1
ANKRD56	1	LOC100134713	4	CAP1	1
HES2	1	NDUFB2	4	ETNK1	1
DPPA4	1	AADA4L4	4	MIR1471	1
HRH1	1	DPPA3	4	MBP	1
DEFB104B	1	FPR3	4	TNPO3	1
DEFB104A	1	CELSR2	4	LOC646999	1
TNFRSF10B	1	SFTA2	4	OGDH	1
HABP2	1	KCNJ9	4	LCTL	1
CYYR1	1	SPEN	4	C6orf10	1
C1QL4	1	STK31	4	IGF1	1
FAM193A	1	KIAA0090	4	INHA	1
SARM1	1	C17orf56	4	C12orf42	1
MYEF2	1	NDST3	4	FLJ39653	1
C3orf64	1	SLC6A4	4	SEC23B	1
DLGAP3	1	OR3A2	4	RTP4	1
ALS2CL	1	PIGZ	4	TPI1	1
TLE3	1	MIR181D	4	C14orf43	1
KRTAP4-4	1	LY75	4	CRADD	1
LOC150776	1	LMTK3	4	TAX1BP3	1
IFNAR1	1	REM2	4	DOCK3	1
GRK7	1	BMP2	4	SLC1A2	1
ITM2B	1	PRO1768	4	RNF215	1
CNBP	1	CCDC47	4	FAM83F	1

MRPS9	1	ONECUT3	4	NCR2	1
SUMF2	1	FAM170A	4	DHPS	1
HTN3	1	GCNT7	4	ZNF256	1
KIAA0649	1	NCAN	4	LOC643763	1
AGK	1	GNAT2	4	HIST1H2AG	1
LALBA	1	KIAA0907	4	FBLIM1	1
SPAG4	1	TAF7L	4	BMP8B	1
SNORD56B	1	TNFRSF21	4	VPS37D	1
CYC1	1	HMGB1L1	4	C17orf51	1
BLOC1S2	1	ERLIN2	4	MIR10A	1
CCDC50	1	BZRAP1	4	DST	1
IQSEC2	1	INPP5F	4	MYH6	1
MFS10	1	ABRA	4	LOC440040	1
GAPT	1	PRDM9	4	KIAA0922	1
LOC541473	1	THSD7A	4	SAP18	1
SNTB1	1	PIGB	4	C2orf42	1
LOC100129935	1	LOC100133469	4	WNT8B	1
OSGEPL1	1	C2orf76	4	TRIM43	1
ORC4L	1	FOXA3	4	EIF4EBP3	1
EXOC3	1	NLRC4	4	ANKHD1-EIF4EBP3	1
LOC100130331	1	C21orf130	4	SPATA7	1
SYCP2L	1	CA10	4	EFNB2	1
GLTSCR1	1	TP53BP1	4	PHF12	1
MEP1A	1	GLCCI1	4	MFS1	1
PPARGC1B	1	LOC619207	4	PCGF6	1

ZNF83	1	PQLC1	4	DEK	1
KRT222	1	KRT32	4	STRAP	1
FNDC4	1	SCD	4	TMCC1	1
GCKR	1	LYPLAL1	4	RAB18	1
ZNF662	1	HMGXB4	4	SLC16A12	1
BMPR2	1	PHIP	4	DAB2	1
ATF1	1	TCEB3CL	4	ADAMTS7	1
STIM1	1	CDK3	4	ITGA11	1
CCDC158	1	EIF4H	4	CNN3	1
PIP	1	DTNB	4	CCL28	1
FMO5	1	GRM1	4	FRK	1
INCA1	1	KIR3DL1	4	LOC100133612	1
CAMTA2	1	NDST4	4	PIGL	1
MEG3	1	QDPR	4	LOC154449	1
INSL3	1	C2orf86	4	FBXO33	1
ZNF441	1	ZKSCAN3	4	WDR81	1
ACBD6	1	AMMECR1L	4	C20orf173	1
MAN1C1	1	MIR548I4	4	GP5	1
ANKRD39	1	GEM	4	NSUN3	1
FGF14	1	FAM3D	4	DHFRL1	1
IZUMO1	1	ANKRD17	4	S100A3	1
POU2F1	1	RANBP9	4	LTB	1
GHRHR	1	MEF2A	4	GPX5	1
GATAD1	1	FCRLB	4	KCTD6	1
OR5H14	1	F3	4	PEMT	1

EPHX4	1	FAM53C	4	SVOP	1
ARL6IP5	1	SLC16A4	4	NCF1C	1
KIAA0427	1	CCDC120	4	C2orf64	1
MGA	1	PHF17	4	UNC50	1
C4orf47	1	NMUR2	4	LOC728411	1
ADAMTS19	1	PAK7	4	ZNF595	1
MARK2	1	CMPK2	4	PTS	1
SLC16A5	1	SNORD114-10	4	ZNF496	1
PPPDE1	1	ANXA9	4	LYRM5	1
KIF1B	1	KCNH7	4	CASC1	1
MIR519A1	1	CSTL1	4	C14orf177	1
MXRA5	1	MAPRE3	4	L3MBTL4	1
MRPS7	1	SCEL	4	FOXQ1	1
TMEM27	1	CYP2A13	4	STAU2	1
ASB16	1	NUBP1	4	SLC36A4	1
C17orf65	1	STAMBPL1	4	KIAA1191	1
SELK	1	MGA	4	ACSS3	1
C19orf38	1	CD163L1	4	NPEPPS	1
BPESC1	1	DHX15	4	C15orf51	1
DSG2	1	PTPRO	4	RAB20	1
UNC93B1	1	OSR1	4	FLT3	1
WWTR1	1	NOVA1	4	BMS1P5	1
C18orf45	1	CST1	4	BMS1P1	1
GALNTL4	1	LPGAT1	4	DKFZp566F0947	1
PSAT1	1	PLEKHH1	4	CDKN1A	1

POMZP3	1	KLHL17	4	XPO6	1
LOC100133091	1	PEX19	4	HCFC1	1
CCDC15	1	ALAS1	4	CYP1A1	1
LOC730811	1	LOC728276	4	ESYT2	1
L3MBTL	1	TDRD9	4	RND2	1
THAP5	1	TNFRSF6B	4	PCDH7	1
DNAJB9	1	RANBP1	4	C11orf75	1
TMEM30A	1	C10orf82	4	MYEOV	1
LIN28B	1	FBXO18	4	C1orf77	1
SLC26A4	1	LOC728606	4	S100A13	1
LOC286002	1	UBE3B	4	LRRC4C	1
CDC42BPG	1	KRT6C	4	LDHB	1
TGFBR3	1	BAK1	4	STK10	1
CAMK2B	1	LTV1	4	LOXL2	1
C20orf195	1	SCARA3	4	GLRA1	1
MAP2K3	1	WISP3	4	SULT2A1	1
MVK	1	CCDC79	4	PSMA4	1
SNORD22	1	FZD10	4	OR52J3	1
SNORD31	1	C4orf42	4	GLYR1	1
SNHG1	1	NUDCD1	4	LOC390595	1
KIAA0125	1	NOSIP	4	PANX1	1
PRG2	1	CCDC37	4	LRRC4	1
ZNF775	1	KRTAP10-9	4	LASS4	1
OR10A4	1	C10orf99	4	ART4	1
NSUN5C	1	HIST1H1A	4	PPP2CB	1

NDUFV3	1	OLR1	4	PLCD3	1
OR2AT4	1	OR52E8	4	ACBD4	1
IL18	1	C19orf12	4	IL12RB1	1
KIF21A	1	MIDN	4	LPCAT3	1
COLQ	1	C11orf40	4	CPNE7	1
FUT2	1	APC	4	ELOVL7	1
C19orf60	1	KBTBD12	4	LY6H	1
FAM149A	1	TYRO3	4	MCCC2	1
HCN4	1	NHP2	4	C14orf174	1
OR2T1	1	C19orf57	4	TMED8	1
CNTN2	1	CSPP1	4	ZNF559	1
LDHAL6A	1	ZBP1	4	C8orf46	1
FAM184B	1	RIMS3	4	TUBB8	1
UCK2	1	HECA	4	SUPT3H	1
TEF	1	PHF12	4	TBKBP1	1
TMC3	1	SHKBP1	4	MYLK3	1
KLF2	1	OBP2A	4	SLC17A1	1
TRIM77	1	TMEM63C	4	PIGM	1
CCDC54	1	OR52W1	4	FLJ41350	1
PSMC1	1	ANKRD10	4	TLE2	1
NUDT17	1	GPR119	4	NUDT22	1
GTPBP4	1	B3GNT2	4	TRPT1	1
OBP2B	1	AHCYL1	4	TNF	1
PHACTR1	1	MIPOL1	4	INE2	1
NPAS1	1	NAT8	4	ZRSR2	1

TSPAN12	1	LDHB	4	CES8	1
USP53	1	KRTAP12-2	4	LRFN1	1
VGLL1	1	THAP3	4	RNF139	1
MALAT1	1	KIAA0146	4	LPPR3	1
LOC388789	1	CEACAM1	4	FLJ37543	1
ESYT3	1	LOC151174	4	RSRC2	1
ANXA8L2	1	EYA1	4	DPRX	1
ZNF253	1	ETFB	4	SEMA3D	1
BLID	1	DEFB121	4	SEP15	1
SNHG12	1	SCGB1D2	4	SPATA21	1
SNORD99	1	FZD4	4	NT5C2	1
SNORA61	1	ZFP91	4	CCDC135	1
ADPRH	1	OR4D11	4	ZNF205	1
CREG1	1	C20orf114	4	MGC3771	1
LOC100134713	1	HPX	4	RIC8A	1
NDUFB2	1	MYF6	4	BET1L	1
MGST2	1	SNURF	4	MEF2D	1
LOC644936	1	DPRX	4	CTSS	1
EFHD2	1	SCN1B	4	ZNF451	1
CSN3	1	PUS7	4	GPR89A	1
FAM165B	1	NWD1	4	MLNR	1
TMEM168	1	CLEC4GP1	4	AGPAT6	1
SCAP	1	FHL3	4	LOC100133161	1
CAPZB	1	CCDC92	4	GABRD	1
ERRFI1	1	TNNC1	4	C5orf41	1

AVPR1B	1	TREH	4	ATG9A	1
CUEDC2	1	ERP29	4	ZNF563	1
POLS	1	HIPK1	4	HAPLN4	1
OR10J1	1	EIF4G3	4	PEF1	1
TBL1Y	1	C20orf79	4	RP5-1022P6.2	1
DND1	1	EFHA1	4	VPS4A	1
HARS	1	GOLSYN	4	XIRP2	1
UPK1B	1	DNAJC3	4	MZF1	1
RIPK2	1	SAPS3	4	MGC2752	1
ATP2B4	1	FAM66B	4	LOC100131691	1
MAP7D2	1	SOX6	4	CPA4	1
APCDD1	1	CTRB1	4	CTNNA2	1
SLC39A14	1	KLF1	4	TMEM63B	1
CREB1	1	LOC100128292	4	DMBT1	1
SGCA	1	TBC1D17	4	STON1	1
LOC150185	1	DCST1	4	EMCN	1
OR10G8	1	TFPI	4	CLASP2	1
PPIG	1	HSD17B13	4	HSPA1B	1
POLDIP3	1	TM4SF18	4	LTK	1
RNU12	1	RPL23AP53	4	OR10G4	1
TTY16	1	LIM2	4	HSPA2	1
OXSRI	1	DENND2D	4	SLC7A8	1
C4orf34	1	SCGB2A2	4	TRIM55	1
GMEB2	1	C1orf100	4	KCNMB1	1
C11orf34	1	TACC3	4	CTR9	1

ANKRD42	1	PTRF	4	EFNB1	1
EPHX3	1	PDLIM3	4	PEBP1	1
RNASEN	1	CPAMD8	4	PVR	1
NRBF2	1	LOC151534	4	GABRA2	1
WAPAL	1	TCP11	4	SNX20	1
FAM169A	1	PLA2G4A	4	ATP5EP2	1
TCF4	1	NOL9	4	CAPG	1
SESN3	1	APOBEC3H	4	EIF2C1	1
USP11	1	ZC3H4	4	FRMD1	1
SIN3A	1	UBE2QL1	4	UNC93A	1
C17orf104	1	MAN2A2	4	FLJ32065	1
MIR492	1	GLRX2	4	TELO2	1
C18orf34	1	C1QTNF5	4	LMBRD2	1
RPL13AP20	1	MFRP	4	SKP2	1
RBM26	1	MAPKBP1	4	C8orf84	1
HK3	1	TRNT1	4	RBPJL	1
LOC153328	1	CCDC121	4	PIWIL1	1
ESPL1	1	GPN1	4	ATP2C2	1
FLJ13224	1	GABRB1	4	GPR157	1
LPAR3	1	SUPT16H	4	ZSCAN5B	1
RALBP1	1	DYRK3	4	MAGOHB	1
POU5F1	1	AIM1L	4	APH1A	1
PTPRK	1	CYP2B6	4	ZNF276	1
GOLPH3	1	FAM90A7	4	OTOA	1
MYL4	1	GFRA4	4	LOC402778	1

ENSA	1	PLA2G2F	4	TRAIP	1
ST8SIA5	1	CYP2D6	4	C6orf221	1
PMS2	1	YPEL3	4	ITGB1	1
AIMP2	1	TEX2	4	ZC3H8	1
PPP1CC	1	ANKRD6	4	IDE	1
ZC3H6	1	LEUTX	4	ANKRD10	1
PRDX2	1	ALPPL2	4	NELL1	1
EHF	1	PATE3	4	SDCCAG8	1
LTB4R2	1	TYMP	4	TRA2B	1
CIDEB	1	ENPP2	4	ATP2B2	1
ART1	1	MGC2752	4	H6PD	1
NRGN	1	SLC43A1	4	SLC6A20	1
CLEC4E	1	SYCE1	4	FCHSD2	1
BOD1	1	MIR372	4	SNORD114-25	1
TAGLN2	1	MIR373	4	ADCY6	1
FIG4	1	UNC5CL	4	INF2	1
LOC389791	1	KRT35	4	PPIA	1
PRKAA2	1	C20orf135	4	TSPAN8	1
C5orf46	1	SMCP	4	KIF20B	1
RETNLB	1	PTCHD3	4	SNORA39	1
PRRT1	1	LDHA	4	SNORA60	1
SAE1	1	SYT13	4	SNHG11	1
TIMD4	1	UPF2	4	KCNJ9	1
ZNF418	1	MIR1224	4	FLJ44606	1
PCDHB11	1	RPP25	4	MAGEB16	1

CNDP1	1	GPR183	4	ARL2BP	1
FAM193B	1	INCENP	4	KCTD13	1
KHNYN	1	WDR69	4	GPR116	1
FOXD2	1	PDE6G	4	GINS2	1
AP4S1	1	MAPK14	4	C10orf35	1
FKBP10	1	BPIL2	4	TBXA2R	1
KRTAP4-7	1	JPH1	4	MT1G	1
MSRB2	1	MRAS	4	YPEL4	1
HLA-C	1	SFRP5	4	PANX3	1
CLK1	1	C10orf81	4	CIAO1	1
STRADB	1	BMF	4	TMEM127	1
CLRN3	1	NUP85	4	SEMA3F	1
MARCH4	1	FAM47A	4	AGXT	1
ARRDC5	1	KIAA0754	4	SP1	1
FEM1A	1	PDZD3	4	HSD17B7P2	1
COL16A1	1	ACSS2	4	KCNQ5	1
HOMER1	1	OR4A15	4	AQP9	1
IL1R2	1	UBL4B	4	CALY	1
NXF5	1	CDH24	4	CD52	1
TFB1M	1	QPCT	4	ZBTB4	1
KCP	1	HMGB4	4	FAM155B	1
C21orf33	1	UNG	4	FARP2	1
PRSS35	1	PRKCQ	4	DSC1	1
APOA1BP	1	CCDC136	4	APOBEC3C	1
TDG	1	SAA2	4	RTN4RL1	1

PIK3AP1	1	CCDC67	4	OR2J2	1
DAP3	1	TOMM34	4	COG5	1
ALOX12P2	1	FLII	4	CHIA	1
PIK3CB	1	DPT	4	CUEDC1	1
VPS24	1	GJD4	4	DEPDC5	1
ZNF320	1	AMIGO2	4	SLC24A6	1
SLMO1	1	RRAGC	4	CCDC102A	1
DEM1	1	ACAN	4	MS4A2	1
CHCHD6	1	C7orf44	4	MIR1251	1
OAZ2	1	SH2D3A	4	SEZ6L2	1
TMED2	1	FZD5	4	ASPHD1	1
RPS12	1	PMPCA	4	RER1	1
SNORD101	1	SLC5A5	4	ZFP3	1
OR2T34	1	RIOK1	4	MCF2	1
KRTAP13-1	1	PRKD1	4	URGCP	1
TRMT61A	1	TPPP3	4	UBE2D4	1
ANP32C	1	EDNRA	4	PRKRIP1	1
PRDX3	1	USP5	4	FBXO42	1
C5orf25	1	CDCA4	4	DALRD3	1
LOC285692	1	CD33	4	GTDC1	1
S100A5	1	C2orf16	4	RALB	1
LOC284276	1	DEPDC5	4	BTBD12	1
C19orf29	1	MLL5	4	ULK1	1
CDH22	1	RWDD2A	4	CNTNAP1	1
ATP6V0A4	1	PGM3	4	RADIL	1

KRIT1	1	ABHD2	4	SLC30A10	1
AKIRIN1	1	CD180	4	CEP152	1
NTN4	1	C21orf129	4	LPIN1	1
PBXIP1	1	NCRNA00112	4	TMPRSS11D	1
ELOVL2	1	DHRS4L2	4	ZNF8	1
FBXL18	1	LMO4	4	GPR126	1
SOX11	1	STK35	4	TRIM65	1
GYLTL1B	1	DDX5	4	LOC100128788	1
RAMP3	1	KCNK4	4	SRRM2	1
SLC22A17	1	SOCS3	4	USP39	1
DCAF17	1	ACRBP	4	INVS	1
SMURF2	1	CADPS2	4		
CDK20	1	GADL1	4		
NPY1R	1	EMP3	4		
CC2D2A	1	C17orf79	4		
MIRLET7G	1	PARK7	4		
SMAD2	1	CYB561D1	4		
FEZF1	1	TATDN1	4		
RBAK	1	RELL2	4		
REPIN1	1	CYS1	4		
WDR19	1	BTRC	4		
SFRS6	1	ETNK1	4		
RNF138P1	1	DUT	4		
PYCARD	1	IGSF10	4		
NAT8L	1	PDYN	4		

CRISP3	1	SEPT4	4
TMPRSS11E	1	C11orf85	4
FER1L4	1	C12orf75	4
KRT80	1	CCBL2	4
KNTC1	1	KRT74	4
LOC283663	1	KCTD16	4
ZNF594	1	PARVA	4
MLF1	1	IP6K3	4
EIF5A2	1	C7orf70	4
APC	1	C11orf30	4
HMG20B	1	C17orf66	4
AVL9	1	ARL8B	4
SKAP1	1	CTAG2	4
SNX4	1	CPN2	4
TMEM170B	1	FAM150A	4
USP45	1	GABARAPL1	4
SAMD3	1	TNFSF4	4
CKB	1	SPAG1	4
CCNE2	1	MYOG	4
FHOD1	1	OR51E2	4
SIDT1	1	STK17B	4
PEX7	1	CABP7	4
PALM3	1	C1orf61	4
PABPC4	1	KCNV1	4
MEX3A	1	RNASE9	4

RSL1D1	1	PTPRB	4
MIR1228	1	RSPH10B	4
LMX1A	1	RSPH10B2	4
RELN	1	SYT2	4
NDUFS3	1	PMF1	4
KBTBD4	1	SLC25A44	4
LOC284551	1	ASTN1	4
CAV2	1	NID2	4
SNORD7	1	NCEH1	4
CRABP1	1	TCHH	4
PRAMEF20	1	PHPT1	4
CD59	1	CNOT7	4
PIK3R2	1	PEA15	4
LOC339788	1	ICAM5	4
ZDHHC22	1	P2RX4	4
CYTL1	1	C8orf22	4
LRRC48	1	MPP3	4
ZBTB25	1	NKIRAS1	4
FZD7	1	B4GALT4	4
PBX2	1	FAM83G	4
APC2	1	SERPINB9	4
IQCK	1	CLRN3	4
C16orf88	1	LOC286135	4
RNASE8	1	ARL6IP5	4
HIST1H2BK	1	PHLDB3	4

HIST1H2AH	1	DIAPH2	4
FAM90A20	1	AKAP14	4
IRX5	1	CDC42	4
PDE1B	1	C9orf122	4
FLJ37453	1	CLEC7A	4
LOC150786	1	KCNC1	4
ZYG11A	1	CCL3	4
ARHGAP27	1	DND1	4
TTC38	1	GHRHR	4
CACNG3	1	TMCO5A	4
HEY1	1	ATAD3A	4
PPAP2C	1	DHH	4
TDRD9	1	HNF1B	4
PRSS22	1	CD83	4
LMLN	1	LRIT1	4
KATNB1	1	MIR665	4
ZDHHC1	1	CD177	4
SLITRK2	1	DYRK1B	4
LOC100289511	1	C8orf51	4
CCDC85C	1	DYX1C1	4
LOC100128003	1	KCNS3	4
YWHAB	1	C21orf84	4
CD2	1	MMP20	4
LGALS4	1	BMP8A	4
AMDHD2	1	UNC119	4

TMBIM4	1	RMND5B	4
E2F7	1	MYBPC1	4
MIR941-1	1	CCDC64	4
MIR941-3	1	GDF3	4
MIR941-2	1	PARP6	4
FAM190B	1	UTS2R	4
SOX1	1	LRRC1	4
TRPV6	1	CRY2	4
APOL6	1	CTNS	4
ADAM28	1	DNASE1L3	4
GPHN	1	PPEF2	4
SNW1	1	FSHR	4
DPY19L4	1	C15orf51	4
SH3RF1	1	RSPO1	4
MAVS	1	CCDC102B	4
MDN1	1	OPA3	4
MIR1280	1	NMB	4
PCF11	1	ARF1	4
DNAJC4	1	C19orf76	4
AOAH	1	COL21A1	4
CLDN14	1	GPRIN2	4
TMEM89	1	ZNF761	4
LRRC2	1	INO80	4
TDGF1	1	GPR62	4
GRWD1	1	ENTPD7	4

DLX5	1	SFRS4	4
C4orf50	1	RND3	4
CYP3A5	1	HHIPL2	4
GIMAP6	1	ACOT2	4
FOXN1	1	DHX37	4
LRRC20	1	ZNF317	4
ANPEP	1	GNAL	4
MEF2A	1	C15orf52	4
MID1IP1	1	HSPB2	4
COX11	1	IGFL4	4
MAGEA5	1	ZNF750	4
IL1RAPL2	1	CAPN6	4
TEX13A	1	RCOR1	4
TEX264	1	TMEM11	4
LGR4	1	RGS17	4
FAM38B	1	UNK	4
FBXO36	1	KIAA0753	4
FES	1	MIR379	4
RANBP1	1	FAS	4
TRMT2A	1	SPATA19	4
FOXS1	1	MUTYH	4
ADSS	1	ADRBK2	4
TSEN15	1	CREG1	4
ZNF202	1	AMBN	4
CARS	1	NR6A1	4

LZTS1	1	ZNF7	4
CTSB	1	SMARCA2	4
CEMP1	1	YIPF2	4
VTI1A	1	MBNL3	4
NEGR1	1	PALM2	4
MSMB	1	LCE2A	4
GRASP	1	ARNTL2	4
CYB561D1	1	TMC1	4
SLC25A19	1	SLC6A20	4
C3orf23	1	FAM181A	4
HIST1H4C	1	C14orf86	4
NGEF	1	PKDCC	4
CD300LF	1	TNC	4
C4orf42	1	HUS1	4
RASL10A	1	BCL2L15	4
SLCO2A1	1	ZNF462	4
ECHS1	1	OXER1	4
P2RX1	1	B4GALT1	4
KCTD17	1	ASS1	4
COL11A1	1	IL9	4
SLC15A5	1	LOC400804	4
COG2	1	APBA1	4
KIAA0895L	1	PAPSS2	4
BFSP1	1	LRRC8A	4
TMEM132B	1	OAZ2	4

ANGPT4	1	DISP1	4
UHRF1BP1	1	CHMP2A	4
SULT1E1	1	VIP	4
GJC3	1	C2orf39	4
ProSAPiP1	1	ZNF169	4
WDFY2	1	ADAMTSL4	4
NEIL2	1	C6orf204	4
PIGU	1	LOC100190939	4
MIR568	1	DEC1	4
THRAP3	1	PIP	4
SNORD74	1	CYP2C18	4
ZBTB37	1	CCDC106	4
GAS5	1	SGPP2	4
CHST8	1	PCDH7	4
FAM63A	1	MTHFD1	4
PRUNE	1	SERPINB7	4
RFXANK	1	FAM26E	4
RAB11A	1	FAM154A	4
EDEM1	1	GBP4	4
TLCD2	1	SRI	4
MS4A12	1	TMEM171	4
EXOC4	1	CSTA	4
GPAA1	1	IKBKKG	4
NAT9	1	GLP1R	4
LOC84931	1	SCN9A	4

TOB2	1	EPB41L4A	4
APH1B	1	DRD2	4
SACM1L	1	VIT	4
SIGLEC10	1	SS18L2	4
TRAM2	1	CTNND1	4
CCDC27	1	MAP1A	4
OSBPL2	1	LTF	4
MAGEA8	1	SCAMP2	4
ALG6	1	SCGB1D4	4
HOXB1	1	TNFSF11	4
CNOT8	1	PKLR	4
C7orf28B	1	ZGLP1	4
C3orf67	1	MFSD1	4
KIAA1274	1	PGM1	4
FRAT1	1	OR10J1	4
ZDHHC8P	1	LILRA1	4
AGBL1	1	PPP1R1C	4
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GNAI1	1	BTNL9	4
FECH	1	C6orf221	4
DKK2	1	NT5DC1	4
ZNF565	1	FAIM2	4
ZNF146	1	ZNF436	4
OXCT1	1	DNAJB13	4

CROT	1	STAG3	4
TP53TG1	1	OR52B2	4
MRPL34	1	KCNB2	4
NRAP	1	GPR55	4
FGFR2	1	ARMC3	4
AHNAK2	1	MCF2	4
RASD2	1	ZBTB1	4
C14orf68	1	TXNL4A	4
GALNT13	1	PANX1	4
APLNR	1	C17orf87	4
MXD4	1	C1orf109	4
SCN11A	1	FAM171A1	4
OTP	1	HDHD2	4
KCND1	1	ABHD5	4
SUCNR1	1	CABP1	4
TMEM22	1	NRAP	4
NKX2-4	1	VDAC1	4
CNFN	1	ICOS	4
AGTR2	1	C1orf172	4
GAR1	1	SPATA21	4
FTHL3	1	VSX1	4
NKPD1	1	KRT16	4
EPHX1	1	WT1	4
NPB	1	SCUBE2	4
KIAA0907	1	CSH1	4

ISG20	1	NUDC	4
PSME3	1	LASS3	4
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WHAMM	1	AKR1C2	4
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USP33	1	SLC7A1	4
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PINK1	1	C10orf50	4
C9orf78	1	MIR128-2	4
ZNF251	1	TARM1	4
MRPL45	1	NFE2L2	4
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FLJ44635	1	DNAI2	4
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ADAM22	1	ZNF581	3
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C5orf30	1	TSHR	3
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RFXAP	1	C19orf69	3
TMEM101	1	SFRS12	3
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SAMD1	1	ATP5E	3
CDS2	1	C19orf56	3
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IGSF9	1	LOC100233209	3
PDZD2	1	MCOLN1	3
TSFM	1	UCRC	3
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ZNF600	1	BTBD19	3
RFPL3	1	RRP7A	3
NEXN	1	PDCL2	3
KDM4A	1	CASP1	3
SLITRK4	1	C21orf54	3
SETDB2	1	MIR523	3
FAM106A	1	KLRD1	3
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C8orf75	1	THUMPD2	3
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CLRN1OS	1	TTC22	3
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PLOD2	1	C1QA	3
ADCYAP1R1	1	LOC100302401	3
SH3RF2	1	OR2B11	3
SKIV2L2	1	DLGAP3	3
KRTAP21-3	1	AK2	3
FAM197Y2	1	ZNF251	3
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SLC39A1	1	STMN3	3
CREB3L4	1	ZNF518B	3
RCAN3	1	ZNF280B	3
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STRA13	1	EEA1	3
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HNRNPL	1	PELO	3

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SEMA4A	1	MIR516A2	3
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TRIM6-TRIM34	1	TRIM42	3
RFX1	1	C15orf40	3
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FOXD4	1	ZAR1L	3
ABCC4	1	TAF11	3
MS4A4A	1	RABEP2	3
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GALNT5	1	C1GALT1	3
ACAA2	1	CDC42SE2	3
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IFIT1L	1	FGF7	3
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KLHL11	1	FNIP2	3
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FASTK	1	STX1B	3
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PPIAL4D	1	HSBP1	3
GSX2	1	RPP21	3
PHAX	1	CCDC41	3
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PLEKHB1	1	SFTPC	3
PIK3R1	1	SNORD115-8	3
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IP6K1	1	DMRT2	3
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CRY1	1	RPA2	3
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C10orf81	1	GLYCAM1	3
C7orf40	1	PRM2	3
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ARHGEF2	1	GGT7	3
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KLHDC1	1	TLL9	3
HOXB9	1	VPS18	3
ZFP30	1	OBP2B	3
GPR161	1	GPLD1	3
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RBM25	1	OAF	3
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SNX18	1	SLC2A6	3
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CLIC5	1	OR6B2	3
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TPD52	1	CHCHD3	3
FTHL17	1	MUC13	3
AMICA1	1	TSR1	3
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SYN3	1	RAB19	3
RARRES3	1	SPTY2D1	3
ATM	1	DGCR10	3
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BTN1A1	1	KRT2	3
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CEP290	1	C7orf13	3
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TBX4	1	SLC1A4	3
CT47B1	1	LOC728855	3
ARPC1B	1	SDHAP1	3
CYFIP2	1	GLO1	3
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RNU86	1	FAM71B	3
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C14orf106	1	LOC90586	3
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BAGE5	1	MIR155HG	3
BAGE3	1	TESK2	3
BAGE2	1	QPRT	3
BAGE4	1	SPINK8	3
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GFRA1	1	GBAP1	3
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TNFRSF17	1	ABCC5	3
HDGF2	1	FAM65A	3
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SUV420H2	1	APOC1P1	3
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LSG1	1	LCAT	3
DNAJC18	1	FAM9A	3
GTF2H4	1	ADCY8	3
DACT3	1	TRIM7	3

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FAM162A	1	CCNF	3
POGZ	1	LOC642597	3
PIK3C2G	1	C1orf74	3
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DNMBP	1	KLHL36	3
SESTD1	1	PDIA3	3
SNORD84	1	CATSPER2P1	3
GPR109B	1	ANKRD50	3
LOC285696	1	LPPR4	3
NCKIPSD	1	LOC401093	3
CD27	1	TACSTD2	3
LOC678655	1	SNORA63	3
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C2orf49	1	ARMS2	3
ACTR5	1	MNS1	3
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DEFB125	1	COPA	3

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YWHAZ	1	C12orf56	3
ACTR3C	1	C1orf185	3
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ADAMTS5	1	C12orf40	3
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STK17B	1	ZNF83	3
ELK3	1	TKT	3
SMG5	1	ZNF48	3
ARRB1	1	SYN2	3
SOS2	1	TK1	3
LOC647946	1	OR2W5	3
KIAA1324L	1	MIR424	3
FKBP5	1	MGC16121	3
RESP18	1	MIR503	3
LOC650368	1	RLN3	3
ADRA2A	1	PACSIN3	3
MED31	1	PSG2	3
C17orf100	1	FAM183B	3
FAM187B	1	KHDC1L	3
C2orf55	1	TMPRSS2	3
GATAD2A	1	SF4	3
MAN2A1	1	SFRS3	3

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DNAJB12	1	MAPK12	3
SPOCK1	1	CLASP2	3
C1orf210	1	LRRC37B	3
FAM83D	1	AP1M1	3
LRRN4	1	DDN	3
FABP7	1	SLC2A8	3
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MS4A15	1	KLK5	3
CYB5D2	1	VANGL1	3
WFDC11	1	ZNF213	3
C10orf25	1	KRT75	3
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MIR103-2	1	CDX2	3
NRP1	1	KCNK12	3
ARPC2	1	PHLDA3	3
RAB3IL1	1	NHP2L1	3
CDK1	1	MGC23284	3
CDC2	1	KCNJ2	3
PADI4	1	LOC728640	3
TADA2A	1	VHL	3
PARP15	1	GNB3	3
TBX21	1	FLJ30058	3
C17orf101	1	TBPL2	3

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C17orf108	1	HKDC1	3
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ALKBH2	1	MIR487B	3
ZADH2	1	RAB24	3
KDSR	1	NAGPA	3
SIAE	1	WDR19	3
SPA17	1	C14orf70	3
MIR139	1	RPS20	3
DUS1L	1	TLE6	3
CYGB	1	KHDRBS3	3
OR6C2	1	ASPHD2	3
CDC42EP3	1	OR2T6	3
RUFY2	1	CLEC18A	3
GPR35	1	MUC12	3
RAP2A	1	SLC24A3	3
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APOBEC3F	1	BFAR	3
PAK6	1	LACE1	3
LOC389705	1	POLR2D	3
HIPK3	1	PDHA1	3
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LCOR	1	MAGEA8	3

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NKX6-2	1	C12orf53	3
SEMA3C	1	SVEP1	3
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SDHAF1	1	ARNT	3
DZIP3	1	KDM4A	3
COPS2	1	LMF2	3
ZNF444	1	ATP9A	3
RAB25	1	TRIB3	3
ANKRD50	1	QRICH2	3
ELL2	1	C7orf40	3
SNORD115-44	1	KPNA6	3
LRRC8E	1	TMEM48	3
TRMU	1	NEIL1	3
DENND5A	1	RBPJ	3
DDIT3	1	TMCO4	3
SLC4A8	1	ATR	3
HCRT	1	PCDHB2	3
TNIP3	1	SKINTL	3
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TSR1	1	CDCA7L	3
SNORD91B	1	SNORA64	3

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ZNF90	1	ANKRD35	3
METT5D1	1	TTC31	3
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NPHS1	1	PRKAR2A	3
GDI1	1	GEMIN7	3
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ARHGEF15	1	ACADSB	3
KLF12	1	EIF4E2	3
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CAV3	1	LETMD1	3
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DEFB114	1	LOC221122	3
RASL12	1	IL7R	3
CDC73	1	SOX15	3

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ABHD14A	1	HYAL3	3
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RAX	1	PELP1	3
TMEM9	1	PRM3	3
PRR19	1	PRRT2	3
RSPH9	1	FFAR3	3
C14orf105	1	NPY	3
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FAM122C	1	PAEP	3
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ZCCHC10	1	KCTD1	3
AKR1E2	1	VAMP3	3
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DUSP15	1	SATB1	3
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SYNJ1	1	SH2D6	3
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BAALC	1	COBRA1	3
C8orf56	1	EGR1	3
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SIK2	1	PAGE5	3
OTUD6A	1	ADORA1	3
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GPR183	1	TRIM69	3
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PRDM6	1	ODC1	3
SMYD1	1	DUSP2	3
KY	1	KCNJ11	3
SLC7A7	1	CDK10	3
PSMC5	1	IL17F	3

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NAALADL1	1	MIR34C	3
NCCRP1	1	LGALS14	3
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KHDRBS1	1	MXRA8	3
PWWP2B	1	MIR376C	3
CD180	1	STBD1	3
C8A	1	TWIST1	3
ZNF107	1	MORN3	3
SPOPL	1	ETNK2	3
LIN28	1	SH3KBP1	3
KCNA3	1	LOC284379	3
NDUFC1	1	DNAJC10	3
SNORA72	1	OR2C1	3
B3GALT6	1	PON2	3
TIGD2	1	LOC652276	3
GCM2	1	SIRPD	3
CDON	1	HIST1H4L	3
C14orf166	1	C15orf38	3
DHRS2	1	CRYM	3
SNTN	1	DSCR9	3
GLYATL3	1	ANKRD1	3

PTGR2	1	C14orf132	3
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MTNR1B	1	SLC6A2	3
C5orf15	1	CDKL5	3
RRP7A	1	BAX	3
CEBPZ	1	UBB	3
EEF1A2	1	RETNLB	3
CRYGB	1	USP49	3
ZDHHC13	1	POMZP3	3
TLX3	1	LOC100133091	3
SLC30A4	1	DAOA	3
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FAM47B	1	CCT6P1	3
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ELOF1	1	HS1BP3	3
APOC2	1	PDLIM4	3
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REXO1L2P	1	ME1	3
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HSPB3	1	GIN52	3
CAPZA2	1	SPINK5L3	3
ADHFE1	1	NOC2L	3
CISD1	1	SEC22B	3
IPMK	1	SIGLEC16	3
DAAM2	1	GPX7	3
OR51E2	1	SNX24	3
MECOM	1	MYO9A	3
OR13J1	1	DKK2	3
PARL	1	NHEDC2	3
EOMES	1	SIGLEC1	3
FBXO22OS	1	LCE2D	3
FBXO22	1	CCDC147	3
MUC12	1	C3orf37	3
C17orf44	1	TCP11L2	3
MIR1914	1	ZNF547	3
MIR647	1	UFC1	3
CNNM1	1	DLG3	3
OVCA2	1	HTR3B	3
MRPL20	1	CYP24A1	3
C3orf71	1	KLHL32	3

ARIH2	1	CCT8L2	3
THAP3	1	TEPP	3
EPS15	1	KLK4	3
KIAA0562	1	ACHE	3
CAPS2	1	SLC25A31	3
GPR20	1	SMU1	3
SNORD114-24	1	MDK	3
MCHR1	1	HMGB1	3
RHEB	1	ABCA9	3
TMPRSS13	1	ERCC2	3
MIR548C	1	C16orf42	3
MIR24-1	1	DUSP5P	3
PNPLA2	1	MIR516B1	3
AEBP1	1	PPM1A	3
CXCR4	1	EARS2	3
AAGAB	1	PCOLCE2	3
RPL35A	1	TSGA14	3
SLC17A2	1	DOK4	3
ERCC5	1	MGC87042	3
SNORD115-22	1	GALM	3
MYL6B	1	BAIAP3	3
NAAA	1	PGM2L1	3
LPCAT4	1	UBE2W	3
IRAK3	1	FBXO6	3
AQP7P1	1	B3GALTL	3

AQP7P2	1	PSIP1	3
SMARCD1	1	MXD4	3
OR6K6	1	MIR636	3
MED27	1	SLC36A1	3
EHMT2	1	EXOSC9	3
FER	1	CCDC91	3
PGCP	1	CCDC142	3
CD93	1	MIF	3
TGIF2	1	KIAA1239	3
TTC35	1	NTAN1	3
CHORDC1	1	FGG	3
SCYL1	1	SMARCC2	3
CCT8	1	EPB41L4B	3
NTF4	1	SHISA4	3
ID3	1	FLJ45079	3
SEPT6	1	ALG14	3
MIR766	1	MED22	3
SPATA22	1	RPL7A	3
BMP8A	1	SNORD36A	3
HIVEP3	1	ATP6V0C	3
GPAT2	1	HSD17B1	3
GAGE2B	1	DYRK1A	3
SLCO1A2	1	MAP3K9	3
ADH5	1	MIR1227	3
NDUFAF2	1	PLEKHJ1	3

ERCC8	1	TRADD	3
POLR1D	1	AP3M2	3
GIP	1	NAA30	3
CTNS	1	PATL2	3
MIR1234	1	CCDC81	3
CD300LB	1	BTF3L1	3
CCPG1	1	ACOT6	3
ZMAT4	1	DUOX2	3
DIAPH3	1	FTSJD2	3
ZNF512B	1	CCDC78	3
PCDH17	1	PRAMEF4	3
UHRF1	1	RSPO3	3
RAB4B	1	MYCBPAP	3
ARFGEF2	1	FASTKD3	3
FOXI3	1	PFKFB2	3
OR4A5	1	GAP43	3
ZNF618	1	EFCAB3	3
ZGPAT	1	DNAJC7	3
ARFRP1	1	NCRNA00175	3
LOC644165	1	SNX11	3
AKR1D1	1	FEM1A	3
QPCT	1	SNX32	3
CHD7	1	SUCLA2	3
CXorf48	1	EED	3
LOC284100	1	PURB	3

GRIA1	1	SCGB1D1	3
LOC340357	1	ERCC5	3
PMF1	1	MPP4	3
C1QA	1	ADPRH	3
RBBP5	1	NAT8B	3
IRF2	1	C17orf63	3
OTUD3	1	SCN10A	3
CEACAM5	1	SELM	3
OXER1	1	SPSB3	3
AP1AR	1	SLC35D1	3
MYST2	1	SMAD1	3
TPH1	1	RAGE	3
ACTL8	1	ZNF696	3
DGCR6L	1	GK2	3
N4BP3	1	ZNF626	3
DOK1	1	DRG1	3
CETN3	1	SILV	3
AKAP13	1	TLL4	3
C21orf130	1	ACP6	3
TBL2	1	HIST1H3E	3
CRMP1	1	KRT34	3
MEIG1	1	RAB36	3
HIVEP2	1	EFCAB8	3
SFTPA2	1	LOC100128640	3
RIMS4	1	RNF138P1	3

GPS2	1	FAM83H	3
FXVD6	1	ADAM22	3
TMPRSS4	1	SUPT6H	3
EBPL	1	ZXDB	3
P2RX2	1	TBCK	3
POLR3D	1	FLYWCH2	3
VTCN1	1	MFSD2A	3
KRTAP5-2	1	C12orf35	3
PLEKHG7	1	FGL1	3
C2orf71	1	GLT25D1	3
ABCA2	1	TBRG4	3
AVPR2	1	C11orf63	3
HSP90AB2P	1	FAM63B	3
GPR27	1	ZNF644	3
LOC220429	1	G3BP2	3
PRKCD	1	IP6K2	3
RAET1G	1	GOLGA2L1	3
LOC285419	1	NCAPH	3
TSGA14	1	MT2A	3
CDCA4	1	KLB	3
ALS2	1	CDC16	3
ABCG8	1	C9orf173	3
ABCG5	1	EIF2C1	3
CDK12	1	CD164	3
CTSA	1	RHBDL2	3

PLTP	1	TMEM173	3
PEAR1	1	LOC255411	3
SLC2A12	1	LOC285548	3
CYB5R3	1	GTF2A1	3
MPHOSPH8	1	AKAP11	3
TCEB3B	1	PUS10	3
JMY	1	HAS2	3
C18orf56	1	DEFB125	3
TYMS	1	TMEM82	3
HDHD2	1	AGFG1	3
MRPS18B	1	PIGR	3
C6orf47	1	SH2D1B	3
KIAA0528	1	C1orf157	3
DPH3B	1	LMBR1L	3
RELB	1	OSBP2	3
ZBTB32	1	MLL4	3
ASCL2	1	KIAA1712	3
DKAKD	1	C16orf11	3
EPS15L1	1	WBP2NL	3
RNF146	1	BCAS4	3
CACNA2D2	1	PFDN4	3
FGB	1	CDC10L	3
TMEFF1	1	MARCKS	3
SIRPB2	1	GTF2E2	3
ALG13	1	NKX6-3	3

RNASE3	1	C8orf83	3
ATOX1	1	AREG	3
MPI	1	KIR2DL3	3
FBXL12	1	GLYCTK	3
psiTPTE22	1	ITSN1	3
DSCC1	1	PRRG3	3
SOD2	1	MDM1	3
C4orf41	1	PSPN	3
RWDD4A	1	MRGPRD	3
PILRA	1	C17orf51	3
SS18L2	1	TCEB2	3
COX8C	1	NEO1	3
CDH9	1	C16orf58	3
BIN3	1	SH3GL3	3
LOC286359	1	PCYT1B	3
FAM159B	1	NOL3	3
SEPT10	1	FSIP1	3
ANKRD57	1	FNDC3A	3
COQ10B	1	C9orf153	3
ZBTB5	1	ITPRIPL2	3
NAPRT1	1	C20orf200	3
PPP2R1B	1	LCE3D	3
MCF2L2	1	ZNF337	3
RABIF	1	C17orf59	3
HIST1H2BI	1	SNAP25	3

HIST1H3B	1	HOMER1	3
SEN8	1	HECTD2	3
ZMYND15	1	XIRP2	3
CXCL16	1	TUBA1B	3
MIR1470	1	LRRC24	3
TMEM97	1	POU2F3	3
UBAP1	1	TP53	3
TLE1	1	NNMT	3
MAL	1	KHDRBS2	3
C9orf116	1	BTBD1	3
MRPS2	1	NFIL3	3
ATP6V1G1	1	C16orf5	3
CLEC7A	1	POLDIP2	3
SNAPC4	1	TMEM199	3
ACAP3	1	TSPAN10	3
HSD17B1	1	ALDH1L1	3
BECN1	1	ACSBG1	3
APLF	1	INSL5	3
RUNDC1	1	PIM1	3
FIGN	1	OR7A5	3
LOC283731	1	STMN4	3
THEMIS	1	CDK5	3
ACSM4	1	POM121L2	3
CASC4	1	HM13	3
FAM71F1	1	CD164L2	3

AGPAT4	1	HTRA2	3
DTD1	1	AUP1	3
GBP4	1	IER3	3
SCGN	1	SPA17	3
NAT8	1	CALHM2	3
USP13	1	WNT11	3
RNF212	1	UCMA	3
KCTD2	1	GSTZ1	3
MYEOV2	1	ARMC7	3
C20orf20	1	FAM57B	3
PPM1M	1	TDP1	3
LRRC8B	1	MANBA	3
SLC17A8	1	SLC24A2	3
TBC1D9	1	KRTAP5-11	3
C17orf63	1	MIR1180	3
MIR1182	1	STEAP2	3
MRPL42	1	SLC7A2	3
CYP27A1	1	OR52A4	3
KCNQ3	1	GJD3	3
CCDC106	1	FOXRED2	3
PCYT1A	1	ZNF589	3
IL11RA	1	TUSC5	3
AHSG	1	PROC	3
DACT2	1	SCNN1B	3
KCNJ14	1	PLEKHF1	3

SLC17A6	1	MYO3A	3
LRCH4	1	BRUNOL6	3
NLGN4X	1	IGSF6	3
SETD8	1	SLC5A2	3
ATP6V1F	1	CTNNB1	3
ASH1L	1	GNPNAT1	3
PRAMEF2	1	LOC340357	3
CD80	1	DAPL1	3
FRMD5	1	ZNF248	3
MLL2	1	GPR128	3
SLC34A2	1	ARPC1B	3
MAP3K7IP1	1	COG7	3
POU2F2	1	ACOX2	3
XKR9	1	HNRNPAB	3
YIF1B	1	ZNF321	3
SPDYE4	1	DCK	3
SCG2	1	AUH	3
TNFRSF4	1	C19orf23	3
TMEM173	1	TOM1	3
CD97	1	MIR1286	3
OR4D5	1	MIR92A1	3
FBXO38	1	IL1F10	3
C19orf75	1	MMP14	3
ZNF547	1	FAH	3
TRAPPC2P1	1	IQCJ	3

NUP153	1	GNG5	3
CD8A	1	EFHB	3
CFP	1	MIR497	3
SUDS3	1	MIR195	3
DNASE1L3	1	CDKL1	3
WDR53	1	LOC100271831	3
FBXO45	1	RPL32P3	3
LRRC16A	1	NIPAL3	3
MEPCE	1	UBP1	3
ZCWPW1	1	SLC23A1	3
PSMB2	1	NLRP14	3
LEPR	1	SNORD114-20	3
ATL2	1	MIXL1	3
CCDC39	1	CRABP2	3
PCDHB14	1	FEM1C	3
SLCO5A1	1	ASTL	3
C6orf170	1	PHF19	3
PSENN	1	WAC	3
U2AF1L4	1	PLEKHG7	3
NUDT3	1	SNRPA	3
ZNF566	1	UBE2C	3
TPMT	1	JMJD5	3
CIB2	1	B3GALT5	3
MNT	1	CALY	3
TIMM8B	1	SPATA8	3

SDHD	1	C3orf55	3
SERPINB5	1	HDAC2	3
C4B	1	FAM46D	3
C4A	1	ZNF486	3
C14orf183	1	SIGLEC8	3
SNORD45C	1	ARHGDIG	3
RABGGTB	1	AKTIP	3
SLC3A1	1	SRA1	3
OTOR	1	CHMP4B	3
BACE2	1	PDE6C	3
PLAC4	1	MAD2L1BP	3
RASSF7	1	MEP1A	3
TTC28	1	INTS7	3
NUP62CL	1	DTL	3
MTF2	1	KIAA0913	3
XCL1	1	TBL3	3
ZDHHC11	1	OPTN	3
MIR654	1	FANCC	3
MIR300	1	PPP1R12C	3
MIR376A1	1	ABT1	3
MIR376B	1	HES5	3
TMEM68	1	TBC1D10B	3
LARP4	1	ASPHD1	3
SAMD4B	1	VIL1	3
SMO	1	LARS2	3

GDNF	1	RNF43	3
GPR109A	1	OR1B1	3
POU2AF1	1	SEPN1	3
RBM34	1	ZMYND10	3
GJC1	1	SNRNP27	3
TMEM151A	1	C17orf108	3
GUK1	1	RHEB	3
RPS15	1	KIAA0125	3
PHF17	1	SPRYD5	3
PLK5P	1	CARD9	3
SIGLECP3	1	TSHZ2	3
TMEM53	1	IRX2	3
MBOAT2	1	GAGE2A	3
LOC100133331	1	GAGE8	3
LRRC42	1	GAGE2E	3
HSPB11	1	LIX1	3
GHR	1	OR2A5	3
GNMT	1	FIBIN	3
ANKDD1A	1	LOC401052	3
DNMT3L	1	OLFM4	3
PDGFRB	1	NFATC3	3
PFDN1	1	C1orf56	3
MPL	1	DPF2	3
C10orf91	1	ANKRD28	3
PTK7	1	KIF2A	3

HOXA9	1	CLDN2	3
ARHGAP18	1	EPN3	3
HHIPL2	1	PPP3R2	3
HAUS8	1	ZNF117	3
NR1D1	1	RALY	3
CPNE6	1	TRPM3	3
ANO1	1	OR8D4	3
C15orf42	1	SNX19	3
SIRT5	1	PRDX6	3
DCTN4	1	STAU1	3
TNNC1	1	UBOX5	3
KCND2	1	FASTKD5	3
ACR	1	MED13	3
CYR61	1	NME5	3
VAMP1	1	XIST	3
RGS14	1	GPR139	3
C7orf52	1	KRTAP12-1	3
RBPMS2	1	SKA2	3
EHBP1	1	MIR301A	3
STX10	1	STON2	3
LOC153684	1	PPDPF	3
LOC338758	1	USH1G	3
SNTA1	1	C9orf69	3
ACSS1	1	MAL2	3
PAWR	1	WDR24	3

GCAT	1	STOML3	3
UPK1A	1	RPL10	3
SGSM2	1	LOC729020	3
STK11	1	C17orf70	3
APOM	1	ANKRD43	3
DDX54	1	C11orf94	3
CBX8	1	MYO5C	3
SETBP1	1	SHQ1	3
NDEL1	1	SLC7A10	3
C12orf5	1	HSPA12A	3
MRM1	1	AQP3	3
CXCL17	1	EZH2	3
INPP5J	1	SLC25A15	3
CECR6	1	ARID3C	3
PGS1	1	MFAP3L	3
BRI3BP	1	RSL1D1	3
DNAJC15	1	C1orf133	3
MTCH2	1	DEFB131	3
RETN	1	CASC3	3
NBLA00301	1	SLC12A3	3
TDRD6	1	NUMBL	3
TPD52L2	1	ARL5A	3
WDR64	1	TMEM119	3
KIAA1712	1	TMEM183B	3
NLE1	1	TMEM183A	3

ZNF70	1	MIR568	3
MUC20	1	LOC100131193	3
RAX2	1	RELN	3
TTC7A	1	TTC25	3
NUDT10	1	ZNF416	3
PTGS2	1	OR1F1	3
ATP6V1G2	1	TNNC2	3
SQRDL	1	DCAF16	3
IDH3A	1	S100A12	3
ST3GAL3	1	TCP11L1	3
RNF2	1	FAM122B	3
SLC22A1	1	E2F6	3
USP8	1	CNTFR	3
PRAMEF12	1	ADAM29	3
SVOPL	1	ACTRT2	3
C17orf54	1	GPR19	3
SLC12A2	1	FKBP1A	3
FLJ33630	1	TARBP1	3
KIRREL2	1	CYHR1	3
SASH3	1	DMKN	3
YPEL5	1	ABCA17P	3
SUPT4H1	1	C2orf78	3
ITGAM	1	HCRTR2	3
ANKRD32	1	IVL	3
MED10	1	ELOVL6	3

PPM1D	1	FCAMR	3
CCL3	1	SNORD115-1	3
LCE3D	1	ANUBL1	3
C1QTNF9B	1	IYD	3
CPN1	1	DBNDD1	3
SYTL4	1	MIR302A	3
TUBA4A	1	MIR302D	3
NMT1	1	MIR367	3
EPM2A	1	CST5	3
GJA4	1	MIR539	3
NPR3	1	TYW1B	3
CLN6	1	C6orf62	3
ZNF761	1	PRPF6	3
DNMT3B	1	XPO7	3
HIST1H4H	1	ZKSCAN1	3
CDC7	1	DPEP3	3
JAM2	1	RSPH3	3
CTPS2	1	PITRM1	3
MIR939	1	CUEDC2	3
NXF4	1	LRRC48	3
PLEKHM3	1	ZNF593	3
RNF149	1	FAM108A1	3
CYP2D6	1	LOC730755	3
ADD3	1	LOC284233	3
DDX51	1	CDH2	3

GJC2	1	ABCC11	3
SCAMP4	1	GPRC5B	3
ADAT3	1	LOC143188	3
C19orf25	1	LIN7C	3
TARDBP	1	ZNF124	3
TPRG1L	1	ZSWIM7	3
SLC29A3	1	TTC19	3
PDE4DIP	1	COL6A4P2	3
ANKFY1	1	FITM2	3
ZNF250	1	OR51L1	3
MPEG1	1	C19orf34	3
ZNF708	1	KCTD4	3
ANKRD37	1	C17orf28	3
ANKLE1	1	FAM181B	3
LARP1	1	DERA	3
COL17A1	1	MAGEL2	3
DOCK4	1	C16orf13	3
ST14	1	TDRG1	3
SLC11A2	1	ADAM5P	3
GPR162	1	LOC442308	3
GH2	1	HACE1	3
BIRC7	1	CXCL17	3
UNC13C	1	CD109	3
ZNF222	1	FZR1	3
FAM131C	1	MIR99B	3

LYNX1	1	C10orf122	3
SCGB2A2	1	SLC6A8	3
LOC729991-MEF2B	1	FGF17	3
MEF2B	1	CABYR	3
CAPNS1	1	SPRED1	3
IFFO2	1	SEBOX	3
URB2	1	VTN	3
TAF5L	1	SFTA1P	3
PDE7A	1	GTPBP5	3
YME1L1	1	SLC2A12	3
MASTL	1	NOL4	3
PDSS1	1	SLC41A1	3
SNORD114-29	1	SLC35D3	3
SNORD114-28	1	STXBP5	3
TSPAN6	1	RPE65	3
PHF11	1	TCAM1	3
STAMBP	1	OR6A2	3
PSG5	1	ALKBH4	3
SAFB	1	FANCI	3
ZNF586	1	BCAM	3
COPZ1	1	PLSCR2	3
KRT75	1	ENSA	3
CLDN2	1	FBXL16	3
EPDR1	1	CCDC61	3
EFNA5	1	CCDC155	3

TP53I3	1	SNX15	3
HHEX	1	AGBL3	3
TSSK4	1	RNF11	3
CSGALNACT2	1	CPLX4	3
DGCR5	1	LOC645638	3
C6orf162	1	C1orf68	3
GJB7	1	MVD	3
OR2M3	1	EGR3	3
ZNF37A	1	RGN	3
OR2F2	1	AURKA	3
CAP2	1	NEK4	3
DHCR24	1	IMP4	3
SCARNA5	1	HSD11B1L	3
SLC35F5	1	MGC27382	3
PDYN	1	FGB	3
LACTB2	1	GAN	3
MIR518A2	1	VPS4A	3
RAPGEF3	1	MCRS1	3
DHRS11	1	MID1	3
PACRGL	1	PRM1	3
C11orf53	1	FLJ40125	3
PLEKHA6	1	KLF6	3
FBN2	1	MIR489	3
KIAA0754	1	AACSL	3
DUSP8	1	SS18L1	3

MIR184	1	APBB3	3
STAB2	1	ART1	3
RPS20	1	P2RX7	3
SNORD54	1	CFL1	3
C3orf63	1	CDC7	3
NPFFR1	1	S100A7L2	3
FSCN2	1	POLR1A	3
TTC18	1	COPZ2	3
AVP	1	SHROOM4	3
ADAMTS14	1	LOC401097	3
TBK1	1	CENPN	3
RLTPR	1	C16orf61	3
FBXW11	1	P2RY1	3
ESPNP	1	PER1	3
IL5	1	HBE1	3
CD44	1	COPS7A	3
DNAJC24	1	HAP1	3
LOC285205	1	BAMBI	3
BRUNOL5	1	STOML1	3
GPR61	1	PMCHL1	3
F11	1	ZNF789	3
PRICKLE1	1	MST1R	3
ACTL9	1	RAPGEF2	3
ZNF280C	1	NDUFC2	3
CXCL2	1	BCKDHB	3

ZNF555	1	SACS	3
PDXK	1	DDX60L	3
EFHC2	1	FAM186A	3
ZNF235	1	TMEM138	3
NFKB2	1	SAMM50	3
CHST1	1	POF1B	3
ENTPD7	1	BAZ2B	3
TGM6	1	LEPREL2	3
HERPUD2	1	LOC647121	3
DUSP11	1	MADD	3
ESR2	1	MIR26B	3
FBXL17	1	SERPINB3	3
NCAN	1	PHB2	3
COMMD9	1	ABCF2	3
TMEM180	1	SFN	3
ZNF526	1	SNORD70	3
TMEM207	1	SNORD30	3
PSD	1	CD302	3
SPON2	1	MIR885	3
OR5M8	1	C17orf49	3
OR10H4	1	KRTAP4-3	3
MAP4K4	1	PURG	3
PPP1R14C	1	WRN	3
PTPRN	1	SPAG7	3
TTC37	1	CFL2	3

CAMK4	1	SLBP	3
OR10A5	1	OSBPL7	3
SNORA26	1	XPNPEP2	3
KIAA0114	1	PCGF6	3
DNASE1L1	1	EMILIN3	3
CACNB1	1	KIF22	3
CWC22	1	GNB4	3
SSTR3	1	LHX4	3
ZCCHC8	1	WDR5	3
AP4E1	1	MYO5A	3
STARD6	1	SLC6A5	3
IFLTD1	1	LOC390594	3
PPP2R5C	1	GIMAP6	3
TMX4	1	RNF165	3
MRAS	1	PTGFR	3
ZDHHC19	1	SUSD5	3
NICN1	1	ANKS3	3
RPS6KA5	1	TRAF6	3
SSB	1	TRIM75	3
POM121L12	1	C1orf173	3
CSF1R	1	COQ3	3
IL13RA1	1	POFUT2	3
DCAF8L2	1	C1orf89	3
RSPH6A	1	C1orf141	3
MANEA	1	OR1A1	3

LIMS2	1	SNORD6	3
GPR17	1	VASH1	3
SOX6	1	LRRC25	3
C10orf47	1	LOC255167	3
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SP100	1	C17orf72	3
ATP11B	1	C9orf24	3
RNF165	1	SRPK1	3
C14orf4	1	GRPEL1	3
MREG	1	HEXIM1	3
LOC401463	1	LOC284805	3
NRM	1	MIR549	3
CHRNA9	1	RTN3	3
SNORD83A	1	ZSCAN12L1	3
OTUD7B	1	CD63	3
LOC100302640	1	CLDN1	3
ATIC	1	OXGR1	3
MINA	1	WDR63	3
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ZNF430	1	OR2G3	3
DDI2	1	PFDN5	3

OR7C2	1	CXCR7	3
RUVBL2	1	LSM4	3
PDCL3	1	SNORD113-4	3
CYP4V2	1	NDUFA7	3
NLRP4	1	RPS28	3
GTF2I	1	OPN5	3
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C7orf45	1	TNFAIP8L1	3

LOC729668	1	MOCS3	3
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PRPF6	1	FBXL6	3
GPR128	1	C8ORFK29	3
VEZF1	1	TIMD4	3
OGDHL	1	KIAA1383	3
ROCK1	1	LRRC30	3
ALS2CR8	1	SNORD116-18	3
WDR12	1	SENP6	3
FAM20B	1	HAO2	3
TNFSF11	1	DPY19L2	3
MIR524	1	C10orf62	3
IL24	1	RCOR2	3
C1orf177	1	KIAA0406	3
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SNAR-F	1	MCHR2	3

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PDPN	1	PGAP3	3
TBCEL	1	ESPL1	3
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PAIP2	1	LOC121838	3
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PRG3	1	ZCCHC5	3
IGSF1	1	RBM3	3
LCE3E	1	SCG5	3
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RCN1	1	C16orf53	3
PRPS1L1	1	C16orf71	3
LINS1	1	PIK3IP1	3
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GUCY1B2	1	ANKLE1	3
C19orf12	1	SLC33A1	3
MICAL2	1	GREM1	3
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SPRY4	1	LOC441208	3
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LOC100128292	1	C16orf90	3
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PHB	1	SCLT1	3
RICH2	1	C4orf33	3
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CDH18	1	ZNF395	3
HK2	1	KLRC1	3
KIAA1683	1	OTOP1	3
AADAT	1	PPTC7	3
WDR11	1	ATP6V0B	3
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BTLA	1	ARFRP1	3
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TFPT	1	GPR34	3
LOXL1	1	ZNF774	3
EGLN3	1	IRX4	3
TGFBRAP1	1	ETV1	3
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SHC4	1	ZNF703	3
PXK	1	BTLA	3
B4GALT4	1	RNU6ATAC	3
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PPP1R11	1	PGGT1B	3
CLTCL1	1	OLAH	3
PICALM	1	CBLB	3
CRYBB3	1	TMEM8A	3
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FAR2	1	STARD7	3
RTF1	1	ZNF496	3
GK	1	NAGLU	3
C11orf93	1	OR10V1	3
C11orf92	1	GAS8	3
TMEM40	1	CEP55	3
CECR1	1	NAGS	3
CAMK2N1	1	C15orf23	3
HTRA4	1	ULK2	3
PLEKHA2	1	POMGNT1	3
PSG3	1	CRYBB3	3
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VDAC1	1	C13orf39	3

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ZNF10	1	EPB41L2	3
GMEB1	1	ZNF672	3
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DDX50	1	LRRTM4	3
C22orf46	1	EFTUD1	3
CMC1	1	ELK4	3
CHPT1	1	WSB2	3
KRT24	1	AIDA	3
IL15RA	1	C1orf58	3
RRP15	1	TP53TG5	3
KCNK18	1	RHBDD3	3
CRYGA	1	SLC39A10	3
SLC38A3	1	TGFBRAP1	3
GPN2	1	NOC4L	3
GPATCH3	1	C1orf55	3
TAF10	1	C5orf39	3
DLX3	1	CDK16	3
SFRP5	1	FAM171A2	3
CCDC11	1	PIGP	3
SLITRK6	1	TTC3	3
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HECTD2	1	PSMA4	3
G3BP2	1	C1orf96	3
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PARP12	1	FBLN5	3
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COX5B	1	HP	3
ARL4C	1	DSC1	3
GPR124	1	ARHGAP8	3
C19orf53	1	PRRG2	3
HSD17B8	1	MYBBP1A	3
KRT16	1	E2F5	3
MIR573	1	KLHL23	3
AGPAT5	1	MED9	3
RABAC1	1	KRT24	3
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TAAR1	1	GABRA3	3
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TOMM20	1	NDUFS4	3
EIF4B	1	WASF2	3
TDRKH	1	NES	3
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DUOXA1	1	SLAMF7	3
CD151	1	FN3KRP	3
POLM	1	MDM2	3
NUP85	1	LOC100128675	3

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IRS2	1	KRTAP12-3	3
LOC220115	1	SCGB3A2	3
ABL2	1	TTC23	3
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FABP3	1	SSTR1	3
PPA1	1	CBLL1	3
STRADA	1	LOC100133893	3
MIR1180	1	SCAND2	3
B9D1	1	TNNI3K	3
RGS2	1	LOC100134868	3
GPR25	1	SGMS2	3
RBPJ	1	SIGLEC6	3
IL1F10	1	ZNF792	3
SERINC3	1	NR2F2	3
RP9P	1	OR4D1	3
GPATCH4	1	MIR143	3
CELSR2	1	C7orf72	3
DPY19L2P4	1	LOC400696	3
BOC	1	DBF4	3
DUSP13	1	PCK2	3
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VANGL2	1	ADAM23	3
TANC1	1	SSX9	3
MYST4	1	SNORD100	3
FOXJ3	1	HAUS1	3
SMPD1	1	POLE2	3
CCND3	1	B4GALNT2	3
ZNHIT3	1	ABCA6	3
EIF3B	1	TNFRSF13B	3
CD58	1	RPL35	3
MIR526A2	1	ATG5	3
SLC16A14	1	CCDC109A	3
ZNF142	1	MIR320B1	3
TRIM47	1	ZNF358	3
FAAH	1	GZMM	3
OSBPL9	1	NDUFV3	3
TAF7	1	ACTR1A	3
KRR1	1	SEC16B	3
GLIPR1	1	SLC22A24	3
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FABP5	1	HBII-52-27	3
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CTAGE5	1	KRT37	3
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PRR20B	1	C16orf57	3

PRR20D	1	CPSF6	3
PRR20E	1	USHBP1	3
PRR20C	1	NDEL1	3
SLC38A9	1	VSTM2L	3
USP16	1	FAM55B	3
SUFU	1	LGI2	3
ACTR1A	1	TMEM155	3
ZBTB10	1	FAM18A	3
TMEM37	1	KRT26	3
PUS1	1	ZBTB8B	3
TBC1D28	1	MBTPS1	3
MYBPC1	1	LYZL6	3
THNSL2	1	MTF1	3
CRB3	1	C3AR1	3
KLHL3	1	SPRR1A	3
AMN	1	TSEN54	3
FAM198B	1	DDX10	3
RAPSN	1	CREB3L3	3
MS4A10	1	CHST13	3
MEF2C	1	C14orf50	3
RAB19	1	SEC61A1	3
LY6G6F	1	BCL2L2	3
NCRNA00029	1	UAP1L1	3
CASP7	1	LRRC31	3
NR1I2	1	KIAA0895L	3

CHRNA2	1	CNTNAP4	3
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PIAS3	1	SPATA12	3
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ZSCAN1	1	ADIPOR1	3
PRKCQ	1	KRT31	3
CCT6P1	1	UBE2D4	3
SLC22A16	1	ECEL1	3
RGS8	1	HMX2	3
PDGFA	1	NOXO1	3
CYP17A1	1	OR4S1	3
POU3F2	1	CYP4F12	3
ZNF624	1	C2orf84	3
GBP6	1	PIK3R2	3
LLGL2	1	CNGA2	3
ARHGAP23	1	PRMT2	3
HELZ	1	DEFA5	3
C21orf71	1	SCYL1	3
KLHL7	1	LPL	3
FCF1	1	PPP1R15B	3
LASS3	1	TUBB4Q	3
PCDHB19P	1	PRR12	3
CNTROB	1	CATSPER1	3
TRAPPC1	1	THUMPD1	3

TOP3A	1	PASD1	3
PI4K2B	1	C1orf151	3
FGF10	1	GZMK	3
MED24	1	OAS1	3
COL1A1	1	ARSD	3
NCKAP5L	1	CALM1	3
FOS	1	ATP4A	3
APOL5	1	CACNG3	3
BRMS1	1	OR4X1	3
HYLS1	1	FAM100A	3
DES	1	HEXIM2	3
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MPZL2	1	MYADML	3
CXorf65	1	DNAJC9	3
FN1	1	ERI1	3
FAM72B	1	LARP1B	3
LOC728407	1	LIPE	3
RAP1B	1	CLC	3
SUZ12P	1	MAGEA2	3
CEP72	1	TPT1	3
CDX1	1	ZNF701	3
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SLC43A3	1	CISD1	3

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C7orf36	1	DHRS12	3
CGN	1	SPDYA	3
C6orf41	1	OVCH2	3
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SNORD115-25	1	DPP8	3
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EMR1	1	ADAMTS3	3
WDR17	1	TMEM133	3
SNORD115-8	1	C1orf49	3
NFE2L2	1	MRPS18A	3
OR6P1	1	NKTR	3
SCMH1	1	C2orf63	3
POP1	1	MXD1	3
HRSP12	1	PRSS27	3
VTA1	1	KRT6A	3
ZSWIM6	1	PABPC1	3
PGAM5	1	ALDH1L2	3
ABCF1	1	MRPL20	3
CSHL1	1	ASNS	3
C10orf28	1	CYP27B1	3
FAM168A	1	TLL1	3
C4orf21	1	SLC35F4	3
C1QTNF1	1	AATF	3
POU5F2	1	OR10X1	3

CAPN9	1	TMEM97	3
GPR177	1	RNF216L	3
CRTAP	1	RNASE12	3
PCBD1	1	EML3	3
CYHR1	1	NUP210	3
NBPF16	1	IL2RB	3
NBPF15	1	LOR	3
IL5RA	1	CPPED1	3
CNTNAP4	1	MIR1179	3
COL21A1	1	LCN9	3
CAPN7	1	MIR196B	3
OR7A10	1	MS4A6E	3
C5orf44	1	OR51A7	3
MIER1	1	PLA2G2D	3
WDR78	1	ZNF239	3
ARHGAP9	1	SAGE1	3
CLUL1	1	MFAP2	3
CYP2A7	1	SLC35F5	3
ZNF503	1	FZD3	3
ASAH1	1	SAV1	3
HMCN1	1	EIF3F	3
FBL	1	OR11H4	3
CNTN4	1	SNTB1	3
GREB1	1	RHOT2	3
IL3	1	AFG3L1	3

COPB2	1	UBR5	3
PARP10	1	TSGA10IP	3
LRRC25	1	IGFBPL1	3
C18orf2	1	BDKRB1	3
DNASE2	1	ZDHHC3	3
CALB1	1	CCDC6	3
TRIP10	1	TMEM72	3
ZNF345	1	SLC22A12	3
VSTM2A	1	EFNA2	3
CHCHD2	1	MOGS	3
TREML4	1	SNORD117	3
DPP10	1	NCRNA00174	3
PDE4C	1	AAAS	3
LPAR6	1	SPINK5L2	3
ARX	1	SNORD115-14	3
LRP2	1	PSMD14	3
TOX4	1	CENPV	3
RAB2B	1	ADRA2A	3
AHR	1	LOC150568	3
MED15	1	MIR146B	3
MIR372	1	FLJ25006	3
MIR371	1	KCNK5	3
MIR373	1	DCT	3
ERAP2	1	TOM1L1	3
ZMAT3	1	TBX21	3

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ATG16L2	1	GRXCR1	3
ELK4	1	KRBA1	3
MIR1293	1	NFRKB	3
CDCP1	1	C13orf23	3
PIPSL	1	PIAS1	3
ENGASE	1	DKFZp761E198	3
PCDH9	1	NR2C2AP	3
CCDC55	1	METTL11B	3
ST3GAL6	1	MAGEA1	3
RP11-529I10.4	1	SMARCAL1	3
PRNP	1	ACTN3	3
MYRIP	1	LHFPL5	3
TSPO	1	CDC5L	3
NDST1	1	DRAP1	3
CDKN2D	1	NUP98	3
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ADAMTS10	1	KIAA0586	3
FAM53B	1	GPR17	3
CAPN10	1	RGS2	3
PRB3	1	TMPRSS13	3
SLC35A5	1	PATE1	3
PLCXD2	1	SFT2D2	3

ODF3	1	RGS16	3
C21orf57	1	ZBTB11	3
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CCKBR	1	STK17A	3
COX17	1	OR5I1	3
BAP1	1	SNORD115-9	3
PHF7	1	SNORD115-5	3
PLAUR	1	SNORD115-12	3
MUC16	1	PATE4	3
KIAA1257	1	ZNF259	3
C12orf49	1	SERPINE3	3
RNFT2	1	LOC284023	3
MRPS31	1	ANKRD34C	3
LOC649395	1	LSM12	3
CYP4F12	1	EXT2	3
BEND2	1	AMPD1	3
TULP1	1	C11orf17	3
AQP6	1	LOC100129550	3
SPINK2	1	LOC100302650	3
WDR77	1	PLA2G12A	3
ATP5F1	1	TTLL11	3
KIAA1522	1	GPN2	3
OR5M10	1	ZNF92	3
PABPC1L	1	CYTSA	3
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HIST1H2BD	1	BTNL8	3
LAMP3	1	ANGPTL1	3
SELM	1	RALGPS2	3
NCOR1	1	FTSJ3	3
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ETNK1	1	PHF14	3
MIR1471	1	CFC1B	3
HUNK	1	CFC1	3
HERC2P2	1	SYN1	3
TNPO3	1	KCNK15	3
LOC646999	1	ST7OT2	3
OGDH	1	TBX6	3
LCTL	1	TXK	3
IGF1	1	R3HCC1	3
TTLL4	1	GSDMB	3
INHA	1	FAM150B	3
MGC102966	1	CUL2	3
FLJ39653	1	KLKB1	3
RTP4	1	FDX1	3
TPI1	1	ACE2	3
ACSL3	1	KCNU1	3
FGF6	1	C20orf27	3
C14orf43	1	RAVER2	3

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PSD4	1	MBL2	3
RNF215	1	RPTN	3
FAM83F	1	KCNJ10	3
ZSCAN18	1	FCRL2	3
AIFM3	1	TMEM9	3
LZTR1	1	PDZK1	3
NCR2	1	NOTCH2	3
DHPS	1	MIR208B	3
MIR1250	1	TTC28	3
ZNF256	1	FAM81A	3
MIR1197	1	WIF1	3
MIR323	1	PMM2	3
LOC643763	1	SNORA60	3
HSPA7	1	STAT5B	3
FBLIM1	1	CEACAM4	3
BMP8B	1	CSRP3	3
VPS37D	1	TMEM62	3
DEFB123	1	RFX7	3
C17orf51	1	CYB5R2	3
MIR10A	1	EIF5	3
MYH6	1	BMP4	3
ZNF655	1	PTGES2	3
EIF3I	1	ATOX1	3
C1orf91	1	SFTPA2	3

SAP18	1	SSX2IP	3
C2orf42	1	SLC5A12	3
WNT8B	1	SLC25A20	3
TRIM43	1	OCM	3
ID2B	1	NEK3	3
EIF4EBP3	1	PSMC5	3
SPATA7	1	CLINT1	3
LSAMP	1	WRNIP1	3
PHF12	1	CCL18	3
MFSD1	1	CD80	3
POU6F2	1	MIR1471	3
CHRNA10	1	GSR	3
DEK	1	C11orf24	3
STRAP	1	F8	3
C14orf132	1	PREP	3
TMCC1	1	C21orf63	3
SLC16A12	1	PPCDC	3
DAB2	1	AGL	3
ALDH3B1	1	FFAR1	3
FRK	1	MT1B	3
PIGL	1	MSRB2	3
LOC154449	1	IL12B	3
C20orf173	1	RNF125	3
CD37	1	ACAA2	3
NSUN3	1	SYDE2	3

DHFRL1	1	CPA2	3
HLA-G	1	EPSTI1	3
S100A3	1	RGPD3	3
LTB	1	LONRF2	3
GPX5	1	RBP4	3
KCTD6	1	TUBGCP4	3
FBXW8	1	CTF1	3
PRKG1	1	ARSJ	3
HR	1	GAST	3
SVOP	1	VDAC3	3
UTP14A	1	GABRQ	3
GTF3C3	1	KCNS1	3
CEACAM16	1	C2orf27B	3
NCF1C	1	CDKN1B	3
PDLIM2	1	PEF1	3
DLG3	1	ITIH2	3
C2orf64	1	PLCZ1	3
UNC50	1	CAPZA3	3
PTS	1	HBB	3
LYRM5	1	MIR365-2	3
CASC1	1	BBS7	3
C14orf177	1	MMP27	3
C1orf131	1	WNT9A	3
L3MBTL4	1	C7orf30	3
FOXQ1	1	NR1I3	3

SYT6	1	SNORD115-19	3
BAZ2A	1	SNORD115-17	3
VPS28	1	SNORD115-18	3
SLC36A4	1	BARX1	3
KIAA1191	1	RNF175	3
ACSS3	1	RP9P	3
NPEPPS	1	DSN1	3
C15orf51	1	NUP188	3
CXCR6	1	DOLK	3
FYCO1	1	RNF151	3
RAB20	1	C17orf55	3
FLT3	1	MIR922	3
C11orf86	1	LUC7L	3
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BMS1P1	1	LONP2	3
DKFZp566F0947	1	MIR219-1	3
CBARA1	1	RNF121	3
ABCC10	1	MIR425	3
XPO6	1	MIR563	3
HCFC1	1	RHD	3
KCNIP4	1	IL1R1	3
RND2	1	HTATIP2	3
PCDH7	1	KCTD20	3
SHISA4	1	SFT2D1	3
C11orf75	1	YPEL4	3

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C1orf77	1	YY1AP1	3
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LRRC4C	1	WDR77	3
DTX2	1	ATP5F1	3
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