

Table S1 : Gene signature (related to Figure 1A)

HL60 ^{MUT} (Boutzen et al., 2016)		HL60 ^{WT} +2HG (Boutzen et al., 2016)	IDH ^{MUT} patient (TCGA)		IDH ^{MUT} patient (Verhaak)	
<i>Upregulated and Downregulated (>+/-1.5-fold change) genes in HL60 IDH1-R132H to WT IDH1 (Boutzen et al., 2016)</i>	<i>Downregulated (>+/-0.667-fold change et pv<0.05) genes in HL60 IDH1-R132H to WT IDH1 (Boutzen et al., 2016)</i>	<i>ATRA responsive genes in WT+2HG (FDR<0.05) (Boutzen et al., 2016)</i>	<i>Upregulated and Downregulated (>+/- 1.5-fold change et pv<0.05) genes in mutant IDH to WT IDH</i>	<i>Downregulated (>+/- 0.667-fold change et pv<0.05) genes in mutant IDH1 to WT IDH</i>	<i>Upregulated and Downregulated (>+/- 1.5-fold change et pv<0.05) genes in mutant IDH to WT IDH</i>	
CCNA1	CLECL1	XK	CYP27C1	CARNS1	CD36	ELL2
NFATC2	ZNF429	VIM-AS1	STL	GPR183	CX3CR1	SELL
MNDA	ZNF431	TYROBP	ATP1A3	RBM47	SCPEP1	DNM1
PRTN3	IGUJ3	TTLL11-IT1	CYMP	TDO2	CRYGB	CDK3
CPT1A	GPR174	TRIB1	ZFP112	CTXN1	KIR2DL4	GAB2
SLCO4C1	ZNF551	TNRC6C-AS1	NMT2	NPBWR2	ARSG	AMY1A /// AMY1B ///
IL8	ZNF680	TNFAIP2	NCRNA00246B	SPAG6	PECAM1	SSBP2
DSG2	ZNF714	TLR3	DOC2A	HCRTR2	CPE	MEIS1
SCPEP1	GALNT3	THSD7A	PGAP1	LOC100129935	PNPLA1	TRIM73
LYZ	IGLL1	THEMIS2	OBSL1	PHKG1	GHRHR	PBX3
GLIPR1	T1560	TCN1	ABCA3	GAS2L3	CXorf21	STAR
ANPEP	ZNF350	SUCNR1	OR2L13	OTC	DOCK9	MARCKSL1
CCR7	CRIM1	SREBF1	FLRT3	M41	SIGLEC9	FOSL2
CD68	SH2D4A	SQRDL	CCDC102A	IFI30	C3orf47	RGC32
ACSS2	FSTL5	SPRY1	F3	LOC100128098	KCNK6	C1ORF186
PTGR1	ZNF83	SPECC1	COL4A5	CDKN1A	CXCL16	LOC286052
TNF	CLC	SMOX	C14orf79	NPPA	SLC28A2	ARL4A
CEBPA	ZNF675	SMIM3	LOC400891	LOC400084	AMICA1	PRICKLE1
TRIM71	GPR65	SLC44A1	PTGR2	KCTD21	C16orf3	USP44
DHRS9	ZNF544	SLC16A9	INHBE	PLBD1	CCDC144C	HOXA4
TNFAIP3	ZNF530	SLA	INSL3	FSTL5	SP8	SLC35F2
PTPRJ	ZNF790	SIGLEC5	PRKD3	GAFA1	ITGAM	DACH1
P2RX7	ZNF850	SERPINB8	MAK	PTPRK	PDE7B	BTBD11
JUP	SH3BGR12	SERPINB2	H2BFM	FAM9C	SH2B3	SNCAIP
CTSG	ZNF814	SERPINB10	ST7OT1	CD86	SLC7A7	ADAM17
MS4A3	ZNF260	SERPINB1	DOCK4	WDR16	HLA-DMA	PELI2
LTBR	CST7	SELP	COL24A1	LOC100130468	GPM6B	HOXB2
RET	MIR181B2	SELL	ZBTB16	FBXL2	PTPRJ	MIRN21
FCGR1A	IL1RL1	SCUBE1	CPA3	CEACAM6	SCG5	NXF3
CD300A	TCF4	SCPEP1	SLC16A9	SOX14	APCDD1L	GPC4
AZU1	YME1L1	SAT1	MYCN	RBP1	QRFPR	DPYSL3
LGALS1	ZNF550	RXRA	HOXA9	SLC30A2	LOC401324	HOXA10
KLF6	ANXA3	ROGDI	GOLGA8B	LOC100505832	HIST1H2BK	TMEM49
GBP2	SMIM10	ROCK1P1	HTRA3	UTS2	CAPN12	FAM46A

APOBEC3G	RAB27B	RNU5B-1	SCGB2A2	ELTD1	LOC440900	NFIL3
APOBEC3D	NFE2L3	RCSD1	WDFY3	RASGEF1A	CLECL1	SLC9A3
NRP1	HEG1	RALGAPA2	CDH2	DSCAML1	WFDC1	TES
JUN	CEP70	RAB31	LOC644538	MCOLN2	LOC100505633	IRX5
ME1	MIR3198-1	PVRL1	ANKRD33B	LOC388210	CARD18	FUT4
TSHZ3	CD38	PTGS1	LRP12	SEPX1	RNF148	PGAP1
METTL7A	TRAJ36	PSMB10	FLJ41455	SP5	HSPC159	ATP2B1
PREX1	HPSE	PRTN3	SH3BGRL2	UPP1	MST1P9	RASAL2
AHNAK	AAK1	PRKCB	LHFP	LOC642345	CD33	FGFRL1
STEAP3	EXOC6B	PRG2	SLC9A7	GLRX	CD74	CFD
MIR33B	CBX5	PRAM1	PABPC4L	ODZ4	LOC730755	AK5
ZNF385A	FAM134B	PPP1R18	KIT	CD1B	SERPINI2	CHD7
STAR	ZNF430	PLEK	LRRC56	MAS1L	DENND2D	AZU1
TYROBP	XYLT1	PLCB2	MLLT11	ANXA13	PART1	LOC285148
SERPINB1	ZNF708	PIWIL4	MFI2	LOC100128946	GIMAP8	HNRPLL
SESN3	TRAJ38	PARP14	TWISTNB	BCL2A1	MGC42157	SKIL
ITGA6	TFPI	OSM	CBX2	SLITRK1	PLEKHA7	JAG1
PLXNB2	ZNF345	OAS3	CRISPLD1	ALS2CR12	CES1	HOXB6
CFD	GPR27	NOG	GRAMD1C	SLC25A18	MYBPH	LOC652226
TNFAIP2	ANXA1	NFE2	RASAL2	RBM20	MYCBPAP	COL4A5
TEX15	ANTXR1	NDRG1	KISS1R	ABRA	EFHD1	HOXA3
CD300C	ZNF721	NCF2	KHDRBS3	ITIH3	SIGLEC5	NRXN2
TNFRSF10D	EML5	NCF1C	CLDN10	RNASE3	KAZALD1	RFX2
TSPAN14	DACH1	NCF1B	CCDC122	ARSJ	TEKT3	HOXA5
MS4A7	SLC22A16	MOV10	SERPINH1	WDR87	TNFRSF11A	DSC2
STXBPSL	ZDHHC23	MIR548D1	TRAT1	LOC100506495	REXO1L1	HOXB3
LPPR3	IGUJ7	MIR181B1	PON2	THBD	AGXT	MXD1
YME1L1	TRBV5-4	MICAL2	TFPI	TKTL1	SLC26A3	LOC643911 /// LOC650
CLEC12A	ZNF566	METTL7A	NRXN2	DKFZP434F142	CD300LF	CTSG
VIM	UBXN10	MCEMP1	CHST13	PLA2G10	ARHGAP39	NKX2-3
MIR223	PDE7B	LOC100506459	RAB9B	SPIB	PRG3	S100A10
PCED1B-AS1	EPX	LINC00649	C19orf77	DNTT	SLC44A3	CD9
PTGS1	CCDC141	LFNG	C1orf186	VNN1	HDAC9	HOXA9
PRSS57	MIR361	LBR	RBP4	GNPDA1	OSTalpha	MPO
EMILIN2	TRBV6-6	KRTAP9-3	ZNF324	ABCC6	CNTN4	CCNA1
CMTM7	TRAJ45	KDM7A	LOC154761	BEAN1	GCNT2	HOMER3
HGF	CYP4V2	ITGB7	HDGFRP3	ALDH4A1	TPK1	MGC33556
CCL3L3	LUM	ITGAX	OSM	LOC253044	LOC285778	NEGR1
KLF7	MIR4521	ITGAM	ENO2	TULP1	GPRIN3	MYCN
LILRA2	KRCC1	ITGA5	EGR1	KIAA0825	C20orf186	TPSAB1 /// TPSB2 ///
ARMCX6	IFITM1	IRF1	NPM2	LILRB3	XCR1	TPSAB1
CR1	TRAJ34	IL6R	FAM57A	LOC283033	CD1A	EREG
DDIT4	SESTD1	IL10RB-AS1	DPY19L2	IL1F8	C1orf116	RASGRP3
ALDOC	NLR3	IER3	NUDT9P1	UCP2	CCDC153	MAMDC2

IL6ST	IL5RA	ICAM1	EMID1	RPS6KL1	PLIN4	CA2
APBB1IP	IFITM2	HOXA1	DPYSL3	C1orf49	OR4C1P	IRX3
METTL7B	KRT6C	HNRNP1L	LOC401097	ARHGAP31	FBXO6	CCDC3
ARNTL	CLDN12	HLA-L	CD59	CTTNBP2	ARHGEF10L	BEX1
FKBP3	CGREF1	HIC1	HMBBOX1	C4orf34	NAGK	
HVCN1	ACTR3B	HGF	SCML1	SAMD4A	EHD3	
GPR84	FAM46C	GZMA	TANC2	GIMAP7	FCER1A	
BPI	SASH3	GVINP1	SMAD1	ADCY8	LIPJ	
CXCL10	LNP1	GRN	CENPV	EPAS1	BANK1	
FOSL2	TMEM14A	GPR174	SEPP1	CLRN3	RAB31	
LYST	CSTF2T	GPR132	ZNF711	CDH5	TBX15	
IL6R	MYH15	GNG2	LRRN1	KCNJ11	DLL4	
THEMIS2	ZNF573	GBP3	CCDC3	C6orf138	PLAC4	
DDIT3	HES1	GBP2	DNM1	DKK2	ANXA2	
MTL5	SAMD9L	GALM	HMGNS	NLRC4	LOC728342	
NFE2	UBE2E3	FLOT1	ARHGAP5	LHX6	C21orf56	
ARRB1	PLCH1	FGR	ATP6AP1L	SLC38A4	TLCD1	
SGPP1	ZNF613	FGFBP3	MAP1A	SNX31	RIT2	
TET1	TIGD2	FBP1	CDK14	HIST1H4D	SERPINB8	
IFI30	IGFBP2	FAM46C	USP53	ALOX5	HLA-DQA1	
PSTPIP2	TRAJ56	F5	IGF1R	TNF	SLC18A3	
ELANE	FAM171B	ERAP2	FLJ41484	XK	ATP4A	
HSPA1B	FAHD2B	EPX	C1orf21	FAM9B	LOC284669	
EMR2	NCALD	EPAS1	PP13439	IFNK	CIB2	
C5AR1	ZNF8	EMILIN2	SERPINE1	LOC100505964	LY9	
SSBP3	ZDHHC14	ELF4	CYP11A1	HOXB1	KLK15	
VCL	PCSK6	EDIL3	C5orf30	NAT8	CD1D	
PXN	CABLES1	DTX3L	LOC100127983	TIMP1	FGGY	
JHDM1D	RIMKLB	DOCK5	ANKRD37	CA3	AGTRAP	
PTGER4	MIR563	DNAJB12	LOC283861	KLRF1	LOC729059	
LDLRAD3	MIR29C	DHRS9	TRIM6	PHYHD1	LOC100506655	
RAB39A	septin 11	DHRS3	LOC100101266	LOC285972	IL1F10	
ANKRD22	CYB5A	DEFB115	GPHN	CD68	CALML4	
SLAMF6	THSD7A	DDX60	FAM135A	LONRF2	HORMAD1	
ARMCX3	TFR2	DDIT4	LOC100506451	HTR3B	C1orf65	
PVR	PROK2	CYTH4	AASS	LOC497256	ZNF718	
S100A13	KBTBD7	CYBB	TMEM99	ASB2	OPLAH	
FHL3	SLC9A7	CTSO	ZNF880	VLDLR	LOC285419	
KITLG	ZNF264	CLEC12A	FAM89A	FGD4	OGFRL1	
LMNA	YME1L1	CFP	TLR3	CLEC1B	KCTD12	
TRAM1	DBP	CELSR3-AS1	GPSM1	CD19	GRASPOS	
RXRA	TESPA1	CEBPA	ZNF257	C17orf44	GRIP2	
CD86	EXPH5	CD53	MAP7	SYTL5	ZIC3	
OAS3	WDR17	CD38	PHGDH	NCAN	C2orf55	

ILDR2	CD300LB	ZBTB10	LOC439938	VIPR2
RNFT1	CD300A	ZNF251	LRG1	MPZL3
ENTPD1	CCR1	LOC400986	FIBCD1	NPFFR2
HLA-C	CCNA1	CLGN	MGC87042	IFIT5
DNM1	CCL20	LOC100506010	SERPINB2	CD80
TMBIM1	CCL2	DSC2	KCTD7	TNFSF13B
EVI2B	CARD6	ZNF578	ZRSR1	LOC339260
SLC25A6	C1orf106	AUTS2	GIMAP4	MGMT
STXBP6	C16orf54	ATP1B1	C10orf44	NEDD9
SLC16A3	C10orf54	PROK2	MARCO	NTM
ZNF611	ARL14EPL	ZNF677	LOC100505478	MARCH1
MARCH3	ARHGAP9	STMN3	HAP1	P2RY13
METRNL	ARHGAP12	C15orf52	BEST2	C5orf32
RBFOX2	APOL6	XYLT1	LRP3	NAV1
TRIM69	APBB1IP	SRSF12	LOC780529	CCL24
CSF3R	AP1S2	CCRL1	FAT4	KIAA1239
HPCAL1	ALOX5AP	SMO	C10orf116	LOC100287628
TUBA1A	ADGRG5	SLAIN1	OR2J3	TYROBP
PTGER2	ADGRG3	RHOBTB1	PYHIN1	LY96
FCGR1B	ACSL1	FLJ45482	FAM53A	AVPR1B
GGT5	ACPP	GPR125	OR1J4	CCDC65
CYTH4		C21orf96	VIT	TDRD12
ITGAX		DST	CHST15	MYPN
METTL23		LOC100128252	XPNPEP2	BHMT2
LACTB		ZNF493	DEFB125	IL10RA
CD82		LOC388692	LOC100129029	GLTPD2
PNRC1		ITGAV	LOC348751	CALD1
ST6GALNAC6		ZNF219	MICAL2	NOD2
RNASE6		NCRNA00260	FCRLB	LOC283484
TSSK3		CD99P1	HSD17B3	UNC93B1
RETN		PAWR	BASE	ZSCAN12P1
BNIP3		ANGPT1	OR1A2	LOC100293532
TBC1D30		AK4	CLEC4E	C19orf59
RASA4		NPDC1	C20orf85	LOC100506714
COIL		PHOSPHO2	GNAT2	LOC388948
EHBP1L1		MANEAL	PDE4A	MOGAT1
GPR114		TCEA2	APOBEC3A	KIAA0087
MRAP2		SLITRK4	C14orf86	ZFHX3
MED13L		ABCA2	NXPH2	CDH7
HK1		ZNF667	OR10D3	COL8A2
MS4A6A		SEMA4C	POU3F3	SPRR2G
LILRB1		H2BFXP	ARMC9	TLR8
CD244		LOC100505687	FAM26D	PDZD3
GLO1		RNF217	SIGLEC15	C5orf47

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ARMC3

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TEAD2
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APOC2
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LOXL3
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LPPR5
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CALCB
SAMHD1
FAS-AS1
PHLDB2
TFR2
AGR2

SIGLEC16	ZBTB38
C3orf43	C14orf184
CFP	PLTP
CD14	ZNF536
C17orf46	IL1RL2
IRG1	C21orf116
KRT12	FLJ42709
TLR5	FCGR2A
RIMS1	C5orf20
LAIR2	ACOX2
PANK1	CECR1
AQP9	SLC6A12
KRT80	NFAM1
GPR65	HERC2P3
FCAR	CD1C
SPEM1	SLC2A12
OR2F1	ALOX5AP
AZU1	NOTCH4
LOC339535	DAP
KCNA5	EPHB3
HLA-DRB6	QPCT
MYCL1	GPR68
NTN4	MX1
AKR1B1	FCER1G
KLF5	CD101
MYL1	LOC643529
STATH	DOCK10
DUOX2	TREM2
CHRM1	LOC730091
SLC37A2	PDPN
HSD17B6	CSN1S1
VNN2	GCHFR
RNASE2	LRRIQ3
LOC151174	HLA-DPB2
RRAD	SSTR4
SLC34A1	ZNF518B
CCR4	MS4A4A
COL4A1	IL12RB1
LOC100287114	FLJ32790
DGAT2	ST7OT4
LHFPL1	DHRS9
CYP51A1	A2LD1
CRNN	GP1BA
ATP10A	GLB1L

HAVCR1	DKFZP761C1711
PTGDS	THBS4
LOC100507244	TRIM72
FCN3	PRDM13
SLC26A9	TMEM130
CLEC4D	RTP4
MGAM	C12orf5
AXDND1	ACAT1
LACRT	LYVE1
CYP2C8	GRIN2A
CCL17	LRP1B
OSCAR	CTSS
C17orf59	MS4A14
LOC254099	KCNN3
CRYBA1	CRB1
KRTAP10-11	LPAL2
STEAP4	PDLIM1
ZSCAN4	ILIRB1
CDO1	HLA-DPB1
VGF	LOC386597
C21orf128	HBZ
CHST7	IL5RA
TFPI2	HVCN1
GADL1	GKN2
CXADR	HLF
CLEC7A	ENC1
LOC100133790	LOXHD1
ALDH2	IL2RG
FCHO1	TMEM47
LOC100132116	GALC
EPHX1	PNP
GIMAP6	LPAR6
OR7E24	ABCA9
ST5	FRMD3
C6orf58	SLC22A23
S100A9	HAVCR2
CDH18	NLRP12
KIAA0930	LOC284865
SLC41A1	BST1
PRAMEF10	EDNRA
CLEC4F	WNK2
OVOL2	C1orf53
RPL39L	PSRC1
MARCH2	RFPL1

HCP5	PIK3R5
NEFM	C20orf103
CYP46A1	FAM19A4
ATP1A2	CACNG4
NHSL2	MGC2848
KLF4	ADAP2
KIAA1274	SLFN13
LOC729970	TMC4
RBM11	SLC26A7
C2orf46	TMEM144
ABCG2	CD200R1
KIR3DL3	CDHR3
LOC644714	LOC100131262
AFF3	BPIL2
C15orf56	CD1E
TAC4	TSHZ3
CR2	C1orf170
ALB	SMPD3
PCDHB16	MECOM
CLEC1A	CUX2
ROBO1	SH2D1A
LOC100128343	SH3D21
ATP6V0D1	MEGF9
HCG11	SLC2A8
NPC1L1	GAPDHS
EVC	GRID2
HES6	CSF2RA
SEMA3C	LOC286121
LOC728192	NCF2
PNLIIPRP3	LST1
ASAH2B	DOK2
BTBD17	ZNF185
INSM2	HEXIM2
IER3	CLEC12B
CLDN6	BLNK
KANK4	RIBC2
POM121L12	CDC42BPB
UMODL1	GPR15
FUJ35024	TEAD1
PAH	RNASE1
LOC100507391	C1orf46
TMEM145	FCGR2B
ARSI	C19orf26
HTR6	UGT8

CDH13	MICAL1
CYBA	PRSS47
ZNF703	KIF16B
LOC100287030	NUDT19
APOF	C7orf57
HIST1H2AL	DPPA4
LOC728114	APOL4
PEBP4	SRL
GPRC5A	LOC151438
TTLL13	FAM105A
TRIM29	PAK6
C2orf3	SLC24A4
AKAP5	DYSF
LOC728805	LOC100505826
ADORA3	AKAP7
MAG	IFI44
MYBPC2	SERPIND1
ASPA	CSF3
PADI4	KRT35
CYP2C18	BTNL8
LOC645323	PIH1D2
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NOS1AP	MYOF
HPR	NPL
ALMS1P	PFKFB2
RBP7	PRAME
GDAP1L1	OR7E19P
SCGB2A1	ZNF385A
RPL10L	TPPP2
OR2J2	UBASH3B
SHC3	CD300C
PADI2	ZNF684
DBH	NEK6
C19orf47	HNF1B
SGSH	LIPA
S100A8	KCNB2
HOXC6	TUBA4A
GPRIN1	NAAA
FCGR3B	DENND2A
HOXD8	FUJ25328
MEOX2	SNX29
SLC11A1	SERPINF1
MS4A7	INTS4L1

LPXN	LOC100129794
CNTNAP1	SPATA12
GNS	VSTM1
VSIG4	SIGLEC11
HLA-DPA1	DHRS3
C2	STARD8
MMP13	ATP10B
DRP2	CMTM2
KIAA1755	CMKLR1
GCH1	RNF175
TMEM200A	CD300LB
GIMAP1	RASSF4
CLC	CLTCL1
ODF4	RAPGEF5
B3GALT4	S100P
HIC1	MMEL1
AIM1	CR1
SYCN	LOC200772
DKFZp547J222	IL1RN
PNOC	GPBAR1
BASP1	LOC100287547
CCDC19	WFDC6
C15orf55	NLRP14
DUSP9	P2RY6
ADIG	FCGRT
LPCAT1	BRSK1
S100A1	C3orf45
PDC	FERD3L
SH3PXD2A	ZNF167
ARC	PP14571
TRPM8	EPOR
OR5P3	FLJ20712
ST14	RNH1
GLT1D1	FCGR2C
HNMT	ERCC2
ZNF705G	PTPRT
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CALHM3	LOC100505967
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MAGEB18	C10orf128
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NUDT16P1	RHBDL3
LRRC29	CTSH

PACRG	C17orf51
SLITRK2	MPEG1
EDDM3B	ACER1
DOK3	CDH23
PILRA	MLF1
SLC26A4	KAZN
PRSS50	CCR2
GPR158	CXCL9
LOC100130452	ZFP90
VCX2	TMEM104
LILRA6	PALM3
ANKRD45	PTPRE
ZFR2	LOC338667
NLRC5	ADAMTS16
CNN3	CIDEB
NCRNA00189	TEX13A
FGR	GIPC2
LOC285857	AP1S3
C16orf81	NEB
HLA-DOA	PPARD
CFHR4	SPINT2
OR12D2	SIDT2
DIO3	CEBPE
STAB2	ENHO
MIA2	CARD16
SLCO5A1	ILDR1
CREB5	HIVEP3
PEG3-AS1	LAX1
GRN	TLR10
SUCLG2	ESPN
DAPL1	ADPRH
USP18	HENMT1
ANKRD30A	CACNA2D3
MDGA2	FAP
OR2L1P	LGALS3BP
KLHDC7B	C12orf74
ANXA2P2	RFX6
NPBWR1	C20orf27
ZIC4	SLAMF6
C7orf10	KIAA0319
CD4	DLGAP1
RXRA	KLK14
SLC5A12	ENTPD3
IL23R	S100B

IFIT1	SLC30A1
SERPINB9	NRP1
SCGB1A1	SNX11
C10orf113	CPS1-IT
ZNF438	PRRG3
ANGPTL6	MPV17L2
ADH6	NPTX2
KIR2DL2	TGFB1
GRHL1	CTNNA3
ARTN	MOSC2
LGALS3	UNC13A
LILRA1	GSTA3
SGCZ	SEMA4A
ESRP1	DDAH1
KRTAP3-3	LOC284930
STXBP2	LOC150622
NR1I2	KIAA1024
SCN4B	BOLA3
NCF1C	PAOX
TRIP6	MTFP1
MNDA	KATNAL2
C10orf27	CAMK2A
HSF5	ZNF239
ASZ1	C1orf54
SPIN2A	LOC339760
TLX2	LOC157860
FGF8	PRAP1
IGSF6	CETP
GPX5	CLCN5
CLPB	LILRB4
IGSF5	LOC339593
RIPPLY2	NCRNA00028
KL	POU4F1
FAM107B	CCR6
TYMP	GPR18
SOX3	RCBTB2
NGB	SMAD6
MEGF10	MS4A6A
LOC646484	MSLN
FAM65B	HLA-DMB
SERPINA1	TACSTD2
B3GNT3	AK7
WNT5B	PGR
C13orf18	ZNF517

PTPRN2	CYB5R1
KBTBD5	KRT73
TRIM7	MYH11
CSAR1	LIPC
TBL1Y	PM20D1
NBPF8	C20orf166
LOC284798	PACSIN3
STX11	LSM14B
HLA-DQB1	CKM
C2orf50	ZNRF2
BAIAP2L1	CAND2
ODZ3	OTUD7B
DOCK1	PGAM2
GOLGA6A	METTL7B
RANBP17	LOC284837
GGT5	CD180
LOC401176	LOC284998
UMOD	SLC16A6
GALR1	IRF8
COL23A1	MX2
PPM1M	LOC503519
MCOLN1	CCRL2
C3orf48	GNG4
RIMKLB	S100A16
FAM46D	CCDC26
FAM3B	TIFAB
LPAR5	DLGAP3
HSPA6	SPZ1
HHLA2	OSTBETA
SLC15A3	AP2S1
FABP1	CHST2
ZSCAN10	HAPLN4
RHOU	CCND1
LOC283112	KIAA1409
LOC643763	TACC2
CCR1	NPB
ANXA6	ZNF642
EYA2	OASL
CA5A	ZMAT4
SRRM3	GMPPB
SUN3	JPH1
C9orf72	F8
FAAH	ENTPD1
SLC27A3	CDH3

KCTD4	FAM71F1
OR51B4	ADAMTS18
B3GAT1	HYLS1
C1orf111	PRG2
GPER	CALR3
TNNI2	CDH17
PDGFRA	KMO
MANSC1	CACNA2D4
C15orf62	KLHL29
LY6G6D	HIGD1B
CST7	ZNF57
NME3	PCDH19
LOC100127974	SNCB
HSPB1	ACY3
CST3	CYP4F2
LTK	BACE2
EFS	LOC729683
LOC100288860	TLR7
CDK20	GALR2
PAX4	DDO
GRB14	ATF7IP2
ZNF750	C3orf20
OR2F2	CNDP2
LOC100505540	GNGT2
ARHGAP24	PPT1
MAP7D2	TAGLN
LHX9	LOC100128025
GALM	MYBPC1
LDLR	PFKFB4
FRMD4A	FAM200B
IPCEF1	CXCR2
TNFSF12	FARP1
HRH1	UPK3A
HMGB4	PCDHGC4
MGAT5	OTP
TNFSF8	CLECSA
GPX3	NAGA
SEMA3G	CLEC12A
SYT4	GSTTP1
TBC1D9	IGFBPL1
FLJ39632	EPSTI1
C2orf58	SIPA1L2
TSPO	KYNU
RAB3B	MACC1

		FPR2 BPI ITGAL ZNF442 TNFAIP6 CD96 LOC283485 OTUB2 PCDH7 CLSTN2 LILRA2 ZNF815 C6orf124 TNMD FIGF LOC339316 SAA3P ACE2 GPNMB RBP3 HLA-DRA CDA EPYC NT5E TDRD7 ANO1 UROC1 LOC285286 CLEC10A C9orf144	LOC116437 OAS2 STYK1 CLDN17 LOC400128 LY86 CD93 ZNF555 NEXN PI4K2A EPX SPRYD5 ME1 CAPN3 GTSF1 RETN PLG CXorf30 PTH2R SLC26A8 SV2B KIF17 SLC4A3 MTMR11 LOC100128501 ROGDI DNAJA4 ST18 IL13RA2 MRVI1	
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