

Supplementary Table S1

SASH3
DOK2
HCST
WAS
ABI3
CD48
MYO1F
TNFAIP8L2
FERMT3
PTPN7
LAPTM5
AIF1
CORO1A
NCKAP1L
ARHGAP9
HAVCR2
IL21R
RASAL3
CTLA4
CD53
GNMT2
ARHGAP15
LAT2
SPI1
SP140
GMFG
SLA
CYTH4
SIRPG
ACAP1
CD3E
PSTPIP1
CD2
CYTIP
LCP2
CD86
SLA2
CST7
TBC1D10C
IL12RB1
CD3D
TRAF3IP3
TIGIT
FCER1G
CCR5
GIMAP5
NKG7
ITGAL
LST1
ICOS
BTK
DOCK2
CD4
PTPRCAP
CYBB
C1QA
CCL5
APBB1IP

TYROBP
EVI2A
CD37
C1orf162
CD52
MS4A6A
RNASE6
IL10RA
RAB33A
TBX21
CRTAM
GIMAP1
EVI2B
GPR65
FUT7
ITGB2
GIMAP4
MPEG1
LTA
CD7
C1QB
GAB3
SH2D1A
GZMM
LOC100233209
LAIR1
LILRB1
SLAMF6
SLAMF8
1-Sep
SIGLEC10
ALOX5AP
SRGN
SIT1
IKZF1
SLAMF1
SAMSN1
CXCR6
MYO1G
GZMH
CD300A
TRPV2
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CLECL1
CD300LF
UBASH3A
SPN
C1QC
APOB48R
C3AR1
KIAA0748
IL2RG
CD3G
LCP1
FGL2
SIGLEC7
GRAP2
CD247

AMICA1
PRF1
APOL3
LILRB2
SELPLG
MNDA
LAG3
TIFAB
IL16
CD8A
CSF1R
PYHIN1
JAKMIP1
CXCR3
PIK3R6
AOAH
KLRD1
CD33
CD27
CLEC4A
FCGR1A
FAM78A
IL2RA
CD244
PDCD1
KLRK1
TRAT1
ARHGAP30
SAMD3
CXCR2P1
TNFSF13B
LY86
LRRC25
CCL4
PIK3R5
CD14
TNFRSF1B
GZMK
SNX20
LOC100188949
IGSF6
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BTLA
LY9
BATF
GPR18
GIMAP6
CD6
LILRB4
MAP4K1
GBP4
TAGAP
PTPRC
PLEK
SIGLEC9
CD5
FCGR1B
IFI30

LOC606724
ZNF831
TFEC
C17orf87
GPSM3
CMKLR1
SLAMF7
FCGR2B
TLR8
GZMA
WDFY4
IL2RB
EBI3
PDCD1LG2
P2RY10
RHOH
FCGR1C
NCR3
SIGLEC1
ZNF683
CTSW
GPR171
SCML4
JAK3
GZMB
CD80
ITK
CD300C
LPXN
FCGR2A
CD180
FCGR3A
OSCAR
HLA-DPB1
PARVG
GIMAP7
FMNL1
LY96
TNFRSF4
TLR7
MS4A7
ARHGAP25
STAT4
NCF1
ZAP70
IRF1
GBP1
PIK3CG
IFNG
P2RY13
FPR3
HK3
C5orf20
ATP8B4
ITM2A
SLCO2B1
GBP5
RGL4

ARHGDIB
LILRB3
PRKCB
LCK
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CCR2
NLRC3
GBP2
LTB
CD28
CXCL9
CD74
STAB1
ADAMDEC1
CD84
SIGLEC5
CD226
CCR1
GIMAP8
MS4A4A
GPR183
FASLG
RNASE2
CXCL10
PLCB2
C1orf54
NAPSB
FYB
NLRP3
GPR34
RGS18
ITGB7
CSF2RB
BIN2
CLEC10A
ITGAX
KLRC3
CD72
CXorf21
TBXAS1
CD79B
KLHL6
RASSF4
RCSD1
LSP1
NFAM1
ARHGEF6
HLA-DRA
TARP
WIPF1
GYPC
CD163
PRAM1
HLA-DPA1
IFFO1
CXCL13
GVIN1
TYMP

CLEC4E
TAP1
S1PR4
FCRL3
FGD3
PLA2G2D
ICAM3
FCGR2C
CD69
GPR84
ADORA3
CLEC12A
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PLA2G7
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IDO1
KLRB1
CXCL11
ACP5
ADAP2
IL9R
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CXCR5
DOCK8
AIM2
UBE2L6
NLRC4
HLA-E
THEMIS
DOK3
C5orf56
APOC2
GNLY
APOBEC3H
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CLEC9A
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TMIGD2
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CECR1
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FCRL6
TMC8
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AGAP2
LILRA6
CELF2
APOBEC3G
P2RY8
CEACAM4
BCL2A1
MMP25
VAMP5

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IRF8
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TNFRSF9
PIK3CD
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SLC2A5
FLI1
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RAC2
SIGLEC8
IRF4
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SERPING1
STAC3
FLT3LG
KLRC2
PILRA
GPR82
ELMO1
CD209
GPR174
STAP1
EMR1
PLD4
SELL
TRIM22
FOXP3
RASGRP4
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RGS1
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FLT3
TREM2
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MIR155HG
GNG2
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C17orf60
LILRA5
APOL6
TNFRSF13B
UBD
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KIR3DL2

LAT
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FGD2
CLNK
FAM113B
PARP15
SPOCK2
VAV1
CIITA
C19orf35
PTCRA
LILRA4
PECAM1
TRAF1
TRIM69
IL15
FAM26F
ETV7
ICAM1
CD38
SLC15A3
MSR1
KLRC1
FPR1
LAX1
LYZ
APOE
CCL3
IL4I1
APOC1
TAP2
RUFY4
WARS
IL32
CD40LG
CD101
KCNA3
C1orf38
MCOLN2
CSF2RA
MS4A14
PIM2
LILRP2
C1R
TSPAN32
HLA-DMA
CASP1
LAIR2
FBXO6
CD19
HLA-DOA
IL12B
ZNF80
S100B
BATF2
CCDC141
FAIM3
LYL1

TNFRSF8
DPEP2
CCR6
C8orf80
GIMAP2
HLA-DQB2
EOMES
HVCN1
CTSS
LOC400696
C16orf54
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RASGRP2
MPP1
VSIG4
GBGT1
FOLR2
NLRC5
APOL2
STX11
UBA7
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GHRL
CHI3L2
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CLEC7A
TLR10
SH2D2A
CASS4
RENBP
HSPA7
BLK
LILRA2
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FCRLA
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HAPLN3
ADAM6
CD79A
TNFSF8
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CLIC2
LGALS2
TCL1A
HAMP
INPP5D
IL3RA

TNFRSF17
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RLTPR
CFP
C9orf139
PREX1
HLA-DRB5
DOCK10
CCL19
IFIT3
CD300LB
TNIP3
SDS
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MATK
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GPBAR1
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LILRB5
CCL13
C1S
GPR55
KLRC4
ITGA4
LOC100129066
OAS2
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OTOA
ARL11
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FAM65B
HERC6
CCR8
HCLS1
HTRA4
GJD3
CLEC2B
SNAI3
NCR1
GAPT
HLA-B
ODF3B
FCRL5
FAM49A
DNAJC5B
IFI35
MRC1
SUSD3
APOL1
CASP5
SLC8A1
TLR4
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PKD2L1
CLEC5A
KIAA0125

MEFV
SIRPB2
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MYO7A
RARRES3
HLA-DPB2
PLA2G4C
POU2AF1
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EMR2
PDE1B
CD1D
KCNJ10
RTP4
IGJ
FCRL1
CCL18
GPR25
SIGLEC12
KMO
IFI44L
EMR4P
KIR2DL3
CSF3R
TIMD4
ALOX5
OTOF
HLA-C
PTPRO
SIGLEC14
APOBEC3D
LRMP
MX1
SECTM1
BHLHE22
SPIB
CCL22
CHIT1
BST2
CMPK2
CD1B
OLR1
SARDH
P2RY6
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ABCB1
CX3CR1
CD8B
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IDO2
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PRKCQ
JAKMIP2
FCRL4

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THBD
ACE2

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SOX15
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CASP14
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ARSF
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HES2
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KRT16
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KRT15
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CYP4F22
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LASS3

DUOXA2
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CLCA2
HOXD1
C4orf7
ARSI
TRIM17
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GPR78
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RNASE7
CYP24A1
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FAT2
COL22A1
CAPNS2
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SERPINB3
IGFL1
FOXN1
FOXE1
IVL
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MUC21
PGLYRP3
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LTF
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S100A7A

CLCA4
LGALS7