

Supplemental table 1. Marker genes for scRNA-Seq cell populations.

Column1	p_val	avg_log2FC	pct.1	pct.2	p_val_adj	cluster	gene
MS4A1	0.0E+00	4.6E+00	9.9E-01	2.2E-02	0.0E+00	B	MS4A1
CD79A	0.0E+00	4.1E+00	9.9E-01	2.1E-02	0.0E+00	B	CD79A
HLA-DRA	0.0E+00	3.1E+00	1.0E+00	4.2E-01	0.0E+00	B	HLA-DRA
BANK1	0.0E+00	3.0E+00	9.2E-01	1.3E-02	0.0E+00	B	BANK1
SPIB	0.0E+00	2.8E+00	8.0E-01	1.0E-02	0.0E+00	B	SPIB
MEF2C	0.0E+00	2.8E+00	8.9E-01	5.0E-02	0.0E+00	B	MEF2C
HLA-DQA1	0.0E+00	2.7E+00	9.9E-01	2.5E-01	0.0E+00	B	HLA-DQA1
CD74	0.0E+00	2.7E+00	1.0E+00	9.3E-01	0.0E+00	B	CD74
HLA-DPB1	0.0E+00	2.7E+00	1.0E+00	6.2E-01	0.0E+00	B	HLA-DPB1
HLA-DQB1	0.0E+00	2.5E+00	9.9E-01	3.4E-01	0.0E+00	B	HLA-DQB1
CD19	0.0E+00	2.4E+00	7.6E-01	4.0E-03	0.0E+00	B	CD19
HLA-DPA1	0.0E+00	2.4E+00	1.0E+00	6.3E-01	0.0E+00	B	HLA-DPA1
SMIM14	0.0E+00	2.3E+00	7.8E-01	8.4E-02	0.0E+00	B	SMIM14
HLA-DRB1	0.0E+00	2.3E+00	1.0E+00	5.8E-01	0.0E+00	B	HLA-DRB1
RALGPS2	0.0E+00	2.3E+00	7.3E-01	1.4E-02	0.0E+00	B	RALGPS2
POU2F2	0.0E+00	2.3E+00	8.6E-01	1.7E-01	0.0E+00	B	POU2F2
CD79B	0.0E+00	2.3E+00	8.8E-01	1.3E-01	0.0E+00	B	CD79B
FCRLA	0.0E+00	2.2E+00	7.4E-01	2.0E-03	0.0E+00	B	FCRLA
LINC00926	0.0E+00	2.2E+00	6.8E-01	3.0E-03	0.0E+00	B	LINC00926
IGHA1	0.0E+00	2.2E+00	6.7E-01	1.0E-02	0.0E+00	B	IGHA1
CCDC50	0.0E+00	2.1E+00	7.3E-01	9.9E-02	0.0E+00	B	CCDC50
FCRL4	0.0E+00	2.1E+00	4.7E-01	1.0E-03	0.0E+00	B	FCRL4
MIR155HG	0.0E+00	2.1E+00	6.3E-01	1.0E-01	0.0E+00	B	MIR155HG
FCRL5	0.0E+00	2.1E+00	5.5E-01	5.0E-03	0.0E+00	B	FCRL5
SYK	0.0E+00	2.1E+00	7.3E-01	5.7E-02	0.0E+00	B	SYK
ACY3	0.0E+00	2.1E+00	2.5E-01	5.0E-03	0.0E+00	B	ACY3
HLA-DMA	0.0E+00	2.1E+00	9.4E-01	2.7E-01	0.0E+00	B	HLA-DMA
GRN	0.0E+00	2.1E+00	7.6E-01	1.9E-01	0.0E+00	B	GRN
CTSH	0.0E+00	2.0E+00	8.6E-01	2.4E-01	0.0E+00	B	CTSH
BLK	0.0E+00	2.0E+00	6.7E-01	1.4E-02	0.0E+00	B	BLK
TNFRSF13B	0.0E+00	2.0E+00	6.9E-01	9.0E-03	0.0E+00	B	TNFRSF13B
TCF4	0.0E+00	2.0E+00	7.0E-01	2.6E-02	0.0E+00	B	TCF4
LINC02397	0.0E+00	2.0E+00	6.5E-01	2.0E-03	0.0E+00	B	LINC02397
IGHM	0.0E+00	2.0E+00	3.9E-01	7.0E-03	0.0E+00	B	IGHM
CD24	0.0E+00	1.9E+00	5.7E-01	1.0E-03	0.0E+00	B	CD24
PKIG	0.0E+00	1.9E+00	6.9E-01	1.4E-02	0.0E+00	B	PKIG
PLCG2	0.0E+00	1.9E+00	6.8E-01	5.1E-02	0.0E+00	B	PLCG2
IFI30	0.0E+00	1.8E+00	8.9E-01	1.4E-01	0.0E+00	B	IFI30
SCIMP	0.0E+00	1.8E+00	6.7E-01	3.8E-02	0.0E+00	B	SCIMP
LYN	0.0E+00	1.8E+00	7.2E-01	7.2E-02	0.0E+00	B	LYN
ARHGAP24	0.0E+00	1.8E+00	6.5E-01	1.2E-02	0.0E+00	B	ARHGAP24
PLD4	0.0E+00	1.8E+00	5.4E-01	1.8E-02	0.0E+00	B	PLD4
HLA-DMB	0.0E+00	1.8E+00	8.3E-01	1.5E-01	0.0E+00	B	HLA-DMB

SYNGR2	0.0E+00	1.8E+00	8.9E-01	3.7E-01	0.0E+00	B	SYNGR2
MARCH1	0.0E+00	1.8E+00	6.9E-01	4.9E-02	0.0E+00	B	MARCH1
HVCN1	0.0E+00	1.8E+00	6.7E-01	5.6E-02	0.0E+00	B	HVCN1
IRF8	0.0E+00	1.8E+00	6.6E-01	3.9E-02	0.0E+00	B	IRF8
STX7	0.0E+00	1.8E+00	7.4E-01	1.1E-01	0.0E+00	B	STX7
SWAP70	0.0E+00	1.7E+00	6.8E-01	3.5E-02	0.0E+00	B	SWAP70
IGHG2	0.0E+00	1.7E+00	6.2E-01	4.0E-03	0.0E+00	B	IGHG2
ACP5	0.0E+00	1.7E+00	7.7E-01	2.2E-01	0.0E+00	B	ACP5
LY86	0.0E+00	1.7E+00	6.7E-01	4.2E-02	0.0E+00	B	LY86
VPREB3	0.0E+00	1.7E+00	3.5E-01	1.0E-03	0.0E+00	B	VPREB3
BLNK	0.0E+00	1.7E+00	6.5E-01	1.3E-02	0.0E+00	B	BLNK
LAT2	0.0E+00	1.7E+00	7.2E-01	8.2E-02	0.0E+00	B	LAT2
PDLIM1	0.0E+00	1.6E+00	6.5E-01	3.9E-02	0.0E+00	B	PDLIM1
IGKV3-20	0.0E+00	1.6E+00	2.0E-01	1.5E-02	0.0E+00	B	IGKV3-20
IGKC	0.0E+00	1.6E+00	5.4E-01	1.5E-02	0.0E+00	B	IGKC
CHCHD10	0.0E+00	1.6E+00	8.4E-01	3.5E-01	0.0E+00	B	CHCHD10
IGHV4-39	0.0E+00	1.6E+00	1.6E-01	5.0E-03	0.0E+00	B	IGHV4-39
ADAM28	0.0E+00	1.6E+00	5.3E-01	3.8E-02	0.0E+00	B	ADAM28
TSPAN3	0.0E+00	1.6E+00	6.2E-01	6.3E-02	0.0E+00	B	TSPAN3
HHEX	0.0E+00	1.5E+00	5.7E-01	2.1E-02	0.0E+00	B	HHEX
HSH2D	0.0E+00	1.5E+00	7.2E-01	1.7E-01	0.0E+00	B	HSH2D
CD40	0.0E+00	1.5E+00	6.0E-01	3.6E-02	0.0E+00	B	CD40
IGHG3	0.0E+00	1.5E+00	3.6E-01	4.0E-03	0.0E+00	B	IGHG3
MEF2A	0.0E+00	1.5E+00	6.5E-01	1.2E-01	0.0E+00	B	MEF2A
POU2AF1	0.0E+00	1.5E+00	5.5E-01	1.0E-02	0.0E+00	B	POU2AF1
PTPN6	0.0E+00	1.5E+00	8.7E-01	3.8E-01	0.0E+00	B	PTPN6
TLR10	0.0E+00	1.5E+00	5.5E-01	1.1E-02	0.0E+00	B	TLR10
FCGR2B	0.0E+00	1.5E+00	6.1E-01	4.2E-02	0.0E+00	B	FCGR2B
NCF1	0.0E+00	1.4E+00	8.9E-01	3.6E-01	0.0E+00	B	NCF1
SYPL1	0.0E+00	1.4E+00	7.9E-01	2.4E-01	0.0E+00	B	SYPL1
SCPEP1	0.0E+00	1.4E+00	5.7E-01	7.1E-02	0.0E+00	B	SCPEP1
COBLL1	0.0E+00	1.4E+00	5.0E-01	4.0E-03	0.0E+00	B	COBLL1
PAX5	0.0E+00	1.4E+00	5.3E-01	1.0E-03	0.0E+00	B	PAX5
CYB561A3	0.0E+00	1.4E+00	6.7E-01	1.2E-01	0.0E+00	B	CYB561A3
FAM30A	0.0E+00	1.4E+00	3.1E-01	5.0E-03	0.0E+00	B	FAM30A
GAPT	0.0E+00	1.4E+00	5.5E-01	2.3E-02	0.0E+00	B	GAPT
BASP1	0.0E+00	1.4E+00	5.3E-01	3.2E-02	0.0E+00	B	BASP1
PNOC	0.0E+00	1.4E+00	5.2E-01	6.0E-03	0.0E+00	B	PNOC
CD22	0.0E+00	1.4E+00	4.7E-01	2.0E-03	0.0E+00	B	CD22
TNFRSF13C	0.0E+00	1.4E+00	5.0E-01	6.0E-03	0.0E+00	B	TNFRSF13C
AC104699.1	0.0E+00	1.4E+00	4.8E-01	4.0E-03	0.0E+00	B	AC104699.1
LINC01781	0.0E+00	1.4E+00	2.7E-01	1.0E-03	0.0E+00	B	LINC01781
AFF3	0.0E+00	1.4E+00	4.7E-01	2.2E-02	0.0E+00	B	AFF3
FCRL2	0.0E+00	1.4E+00	4.5E-01	3.0E-03	0.0E+00	B	FCRL2
ID3	0.0E+00	1.4E+00	5.0E-01	6.7E-02	0.0E+00	B	ID3
PARP15	0.0E+00	1.4E+00	6.7E-01	1.6E-01	0.0E+00	B	PARP15

TFEB	0.0E+00	1.3E+00	5.6E-01	4.6E-02	0.0E+00	B	TFEB
LINC01857	0.0E+00	1.3E+00	3.5E-01	2.0E-03	0.0E+00	B	LINC01857
BCAS4	0.0E+00	1.3E+00	6.1E-01	7.6E-02	0.0E+00	B	BCAS4
FGD2	0.0E+00	1.3E+00	5.3E-01	4.2E-02	0.0E+00	B	FGD2
CIITA	0.0E+00	1.3E+00	5.4E-01	5.8E-02	0.0E+00	B	CIITA
CD86	0.0E+00	1.3E+00	5.3E-01	4.8E-02	0.0E+00	B	CD86
BHLHE41	0.0E+00	1.3E+00	4.5E-01	9.0E-03	0.0E+00	B	BHLHE41
BTK	0.0E+00	1.3E+00	5.3E-01	2.7E-02	0.0E+00	B	BTK
RAB31	0.0E+00	1.3E+00	5.5E-01	5.3E-02	0.0E+00	B	RAB31
WDFY4	0.0E+00	1.3E+00	5.1E-01	2.0E-02	0.0E+00	B	WDFY4
CYBB	0.0E+00	1.3E+00	5.7E-01	4.6E-02	0.0E+00	B	CYBB
CCR1	0.0E+00	1.3E+00	4.2E-01	7.7E-02	0.0E+00	B	CCR1
CLECL1	0.0E+00	1.3E+00	5.4E-01	5.0E-02	0.0E+00	B	CLECL1
AIM2	0.0E+00	1.3E+00	5.2E-01	7.1E-02	0.0E+00	B	AIM2
CD180	0.0E+00	1.2E+00	4.9E-01	1.7E-02	0.0E+00	B	CD180
ZEB2	0.0E+00	1.2E+00	5.4E-01	1.0E-01	0.0E+00	B	ZEB2
CTSZ	0.0E+00	1.2E+00	5.7E-01	1.1E-01	0.0E+00	B	CTSZ
NEK6	0.0E+00	1.2E+00	4.8E-01	3.6E-02	0.0E+00	B	NEK6
IGHA2	0.0E+00	1.2E+00	3.2E-01	2.0E-03	0.0E+00	B	IGHA2
GPR34	0.0E+00	1.2E+00	3.7E-01	1.2E-02	0.0E+00	B	GPR34
PLEK	0.0E+00	1.2E+00	6.4E-01	1.5E-01	0.0E+00	B	PLEK
IGKV1-33	0.0E+00	1.2E+00	1.0E-01	2.0E-03	0.0E+00	B	IGKV1-33
IGLC3	0.0E+00	1.2E+00	2.0E-01	2.0E-03	0.0E+00	B	IGLC3
PXK	0.0E+00	1.1E+00	5.4E-01	9.1E-02	0.0E+00	B	PXK
FCHSD2	0.0E+00	1.1E+00	5.2E-01	7.5E-02	0.0E+00	B	FCHSD2
HLA-DOA	0.0E+00	1.1E+00	4.7E-01	4.2E-02	0.0E+00	B	HLA-DOA
TMEM154	0.0E+00	1.1E+00	6.0E-01	1.5E-01	0.0E+00	B	TMEM154
CD1C	0.0E+00	1.1E+00	3.5E-01	1.6E-02	0.0E+00	B	CD1C
SKAP2	0.0E+00	1.1E+00	5.4E-01	9.5E-02	0.0E+00	B	SKAP2
CPNE5	0.0E+00	1.1E+00	3.5E-01	1.0E-02	0.0E+00	B	CPNE5
PEA15	0.0E+00	1.1E+00	5.4E-01	1.1E-01	0.0E+00	B	PEA15
UVRAG	0.0E+00	1.1E+00	6.0E-01	1.4E-01	0.0E+00	B	UVRAG
SIGLEC10	0.0E+00	1.1E+00	4.4E-01	2.1E-02	0.0E+00	B	SIGLEC10
FCRL1	0.0E+00	1.1E+00	4.0E-01	1.0E-03	0.0E+00	B	FCRL1
CD83	0.0E+00	1.1E+00	3.4E-01	3.5E-02	0.0E+00	B	CD83
ITGAX	0.0E+00	1.1E+00	4.1E-01	4.5E-02	0.0E+00	B	ITGAX
CXXC5	0.0E+00	1.0E+00	4.2E-01	3.9E-02	0.0E+00	B	CXXC5
SYNGR1	0.0E+00	1.0E+00	3.8E-01	1.7E-02	0.0E+00	B	SYNGR1
PALM2-AKAP2	0.0E+00	1.0E+00	5.5E-01	1.2E-01	0.0E+00	B	PALM2-AKAP2
RNASE6	0.0E+00	1.0E+00	4.7E-01	6.9E-02	0.0E+00	B	RNASE6
SIGLEC6	0.0E+00	1.0E+00	3.3E-01	4.0E-03	0.0E+00	B	SIGLEC6
DOK3	0.0E+00	1.0E+00	4.2E-01	2.7E-02	0.0E+00	B	DOK3
SESN3	0.0E+00	1.0E+00	5.0E-01	9.0E-02	0.0E+00	B	SESN3
RUBCNL	0.0E+00	1.0E+00	3.7E-01	1.2E-02	0.0E+00	B	RUBCNL
IGHG1	0.0E+00	1.0E+00	5.0E-01	1.1E-02	0.0E+00	B	IGHG1

MPEG1	0.0E+00	1.0E+00	4.4E-01	4.2E-02	0.0E+00	B	MPEG1
IGLC2	0.0E+00	1.0E+00	2.3E-01	4.0E-03	0.0E+00	B	IGLC2
SSPN	0.0E+00	1.0E+00	3.1E-01	5.0E-03	0.0E+00	B	SSPN
OSTN-AS1	0.0E+00	1.0E+00	2.9E-01	1.0E-03	0.0E+00	B	OSTN-AS1
IGKV1-39	3.0E-307	1.1E+00	1.1E-01	5.0E-03	4.8E-303	B	IGKV1-39
IGKV4-1	9.1E-305	1.2E+00	1.2E-01	6.0E-03	1.4E-300	B	IGKV4-1
CD82	2.0E-295	1.4E+00	8.2E-01	3.6E-01	3.1E-291	B	CD82
CD37	6.1E-289	1.2E+00	9.9E-01	9.0E-01	9.5E-285	B	CD37
ORAI2	2.7E-279	1.0E+00	5.2E-01	1.3E-01	4.2E-275	B	ORAI2
IGKV1-5	1.4E-266	1.5E+00	1.2E-01	7.0E-03	2.2E-262	B	IGKV1-5
NCOA3	5.7E-263	1.1E+00	6.0E-01	1.7E-01	8.9E-259	B	NCOA3
POLD4	2.1E-262	1.3E+00	9.1E-01	5.6E-01	3.3E-258	B	POLD4
VOPP1	6.1E-258	1.3E+00	7.4E-01	3.0E-01	9.5E-254	B	VOPP1
NCR3	9.1E-257	1.1E+00	6.4E-01	2.0E-01	1.4E-252	B	NCR3
SH3BP5	1.9E-254	1.1E+00	6.4E-01	2.1E-01	3.0E-250	B	SH3BP5
PTPN1	2.7E-248	1.1E+00	7.0E-01	2.6E-01	4.3E-244	B	PTPN1
SNX2	1.8E-246	1.1E+00	6.9E-01	2.4E-01	2.9E-242	B	SNX2
IGLV3-21	3.5E-242	1.5E+00	1.0E-01	5.0E-03	5.4E-238	B	IGLV3-21
GRINA	1.9E-227	1.0E+00	6.4E-01	2.2E-01	2.9E-223	B	GRINA
CNPY3	5.3E-223	1.1E+00	7.5E-01	3.1E-01	8.3E-219	B	CNPY3
CAPG	9.2E-202	1.0E+00	7.8E-01	3.4E-01	1.4E-197	B	CAPG
SP140	1.3E-199	1.0E+00	7.4E-01	3.2E-01	2.1E-195	B	SP140
MOB1A	1.3E-178	1.0E+00	7.6E-01	3.8E-01	2.1E-174	B	MOB1A
IGLV2-14	2.2E-74	2.0E+00	1.6E-01	4.2E-02	3.4E-70	B	IGLV2-14
IGKV3-20.1	0.0E+00	7.8E+00	3.6E-01	1.8E-02	0.0E+00	Plasmablast	IGKV3-20
IGKV4-1.1	0.0E+00	7.7E+00	3.2E-01	7.0E-03	0.0E+00	Plasmablast	IGKV4-1
IGKV1-17	0.0E+00	7.7E+00	1.8E-01	2.0E-03	0.0E+00	Plasmablast	IGKV1-17
IGKV1-5.1	0.0E+00	7.0E+00	2.5E-01	8.0E-03	0.0E+00	Plasmablast	IGKV1-5
IGHG1.1	0.0E+00	6.9E+00	7.9E-01	1.9E-02	0.0E+00	Plasmablast	IGHG1
IGKC.1	0.0E+00	6.6E+00	8.1E-01	2.3E-02	0.0E+00	Plasmablast	IGKC
JCHAIN.1	0.0E+00	6.2E+00	9.6E-01	1.2E-02	0.0E+00	Plasmablast	JCHAIN
IGLV3-1	0.0E+00	6.1E+00	2.6E-01	5.0E-03	0.0E+00	Plasmablast	IGLV3-1
IGHV1-69D	0.0E+00	5.9E+00	2.3E-01	2.0E-03	0.0E+00	Plasmablast	IGHV1-69D
IGHA1.1	0.0E+00	5.3E+00	6.9E-01	2.3E-02	0.0E+00	Plasmablast	IGHA1
IGHG2.1	0.0E+00	4.6E+00	5.3E-01	1.8E-02	0.0E+00	Plasmablast	IGHG2
IGHV1-69	0.0E+00	4.5E+00	1.5E-01	1.0E-03	0.0E+00	Plasmablast	IGHV1-69
IGLC2.1	0.0E+00	4.2E+00	2.9E-01	8.0E-03	0.0E+00	Plasmablast	IGLC2
IGLV6-57	0.0E+00	4.2E+00	3.7E-01	2.0E-03	0.0E+00	Plasmablast	IGLV6-57
IGLC3.1	0.0E+00	4.0E+00	2.3E-01	6.0E-03	0.0E+00	Plasmablast	IGLC3
MZB1	0.0E+00	3.9E+00	9.3E-01	4.5E-02	0.0E+00	Plasmablast	MZB1
CD79A.1	0.0E+00	3.8E+00	9.4E-01	4.1E-02	0.0E+00	Plasmablast	CD79A
IGHG3.1	0.0E+00	3.3E+00	4.5E-01	1.0E-02	0.0E+00	Plasmablast	IGHG3
DERL3	0.0E+00	3.0E+00	8.8E-01	9.0E-03	0.0E+00	Plasmablast	DERL3
TXNDC5	0.0E+00	2.8E+00	8.0E-01	3.5E-02	0.0E+00	Plasmablast	TXNDC5
IGLC1	0.0E+00	2.5E+00	4.6E-01	3.0E-03	0.0E+00	Plasmablast	IGLC1
IGHGP	0.0E+00	2.3E+00	2.2E-01	0.0E+00	0.0E+00	Plasmablast	IGHGP

POU2AF1.1	0.0E+00	1.7E+00	7.3E-01	2.0E-02	0.0E+00	Plasmablast	POU2AF1
TNFRSF17.1	0.0E+00	1.6E+00	6.6E-01	7.0E-03	0.0E+00	Plasmablast	TNFRSF17
SPAG4	0.0E+00	1.2E+00	5.5E-01	4.0E-03	0.0E+00	Plasmablast	SPAG4
ELL2	0.0E+00	1.2E+00	6.6E-01	3.2E-02	0.0E+00	Plasmablast	ELL2
EAF2.1	0.0E+00	1.1E+00	6.5E-01	4.3E-02	0.0E+00	Plasmablast	EAF2
FCRL5.1	0.0E+00	1.1E+00	6.2E-01	1.5E-02	0.0E+00	Plasmablast	FCRL5
PNOC.1	0.0E+00	1.0E+00	6.5E-01	1.6E-02	0.0E+00	Plasmablast	PNOC
IGHM.1	4.6E-304	4.7E+00	3.3E-01	1.5E-02	7.1E-300	Plasmablast	IGHM
IGKV1-9	1.3E-286	8.0E+00	1.8E-01	5.0E-03	2.0E-282	Plasmablast	IGKV1-9
IGKV3-15	4.0E-283	7.0E+00	2.1E-01	7.0E-03	6.2E-279	Plasmablast	IGKV3-15
MEF2C.1	5.0E-283	1.1E+00	6.9E-01	6.8E-02	7.9E-279	Plasmablast	MEF2C
IGHV3-7	3.8E-269	7.3E+00	1.6E-01	4.0E-03	6.0E-265	Plasmablast	IGHV3-7
IGHV1-46	5.7E-269	7.5E+00	1.3E-01	2.0E-03	8.9E-265	Plasmablast	IGHV1-46
IRF4	7.7E-256	1.1E+00	5.4E-01	4.7E-02	1.2E-251	Plasmablast	IRF4
IGHA2.1	6.1E-255	2.5E+00	2.3E-01	9.0E-03	9.5E-251	Plasmablast	IGHA2
IGKV1-27	2.9E-253	5.1E+00	1.0E-01	2.0E-03	4.5E-249	Plasmablast	IGKV1-27
IGHV3-23	7.2E-248	6.1E+00	1.5E-01	4.0E-03	1.1E-243	Plasmablast	IGHV3-23
IGHV4-59	3.0E-241	4.4E+00	1.3E-01	2.0E-03	4.7E-237	Plasmablast	IGHV4-59
IGHV4-34	1.3E-231	5.9E+00	1.5E-01	4.0E-03	2.1E-227	Plasmablast	IGHV4-34
IGHV3-21	1.5E-218	5.4E+00	1.1E-01	2.0E-03	2.3E-214	Plasmablast	IGHV3-21
IGHV3-30	1.6E-218	6.0E+00	1.5E-01	4.0E-03	2.4E-214	Plasmablast	IGHV3-30
IGKV1-39.1	2.2E-206	7.2E+00	1.8E-01	7.0E-03	3.5E-202	Plasmablast	IGKV1-39
IGHV3-48	2.5E-196	6.0E+00	1.0E-01	2.0E-03	3.9E-192	Plasmablast	IGHV3-48
IGHV1-2	2.9E-181	6.9E+00	1.7E-01	6.0E-03	4.4E-177	Plasmablast	IGHV1-2
IGLV3-21.1	1.4E-176	6.2E+00	1.7E-01	7.0E-03	2.1E-172	Plasmablast	IGLV3-21
IGHV3-11	3.0E-174	6.0E+00	1.1E-01	3.0E-03	4.6E-170	Plasmablast	IGHV3-11
PRDX4	2.2E-168	1.7E+00	8.0E-01	1.7E-01	3.4E-164	Plasmablast	PRDX4
IGHV3-33	4.7E-162	4.8E+00	1.1E-01	3.0E-03	7.4E-158	Plasmablast	IGHV3-33
TENT5C.1	5.8E-157	1.4E+00	7.4E-01	1.3E-01	9.0E-153	Plasmablast	TENT5C
IGKV3-11	9.9E-149	6.5E+00	1.5E-01	6.0E-03	1.5E-144	Plasmablast	IGKV3-11
IGLV2-23	4.0E-139	6.6E+00	1.3E-01	5.0E-03	6.2E-135	Plasmablast	IGLV2-23
IGKV1D-33	1.8E-137	5.0E+00	1.1E-01	4.0E-03	2.8E-133	Plasmablast	IGKV1D-33
RRBP1.1	7.0E-136	1.1E+00	6.8E-01	1.3E-01	1.1E-131	Plasmablast	RRBP1
UBE2J1.1	2.3E-134	1.8E+00	8.0E-01	2.3E-01	3.7E-130	Plasmablast	UBE2J1
ATF5.1	4.2E-129	1.7E+00	6.2E-01	1.2E-01	6.6E-125	Plasmablast	ATF5
IGLV1-47	7.3E-124	5.8E+00	1.0E-01	4.0E-03	1.1E-119	Plasmablast	IGLV1-47
PDIA4.1	8.1E-123	1.6E+00	8.1E-01	2.3E-01	1.3E-118	Plasmablast	PDIA4
HSP90B1.1	2.9E-115	2.4E+00	9.7E-01	6.4E-01	4.5E-111	Plasmablast	HSP90B1
SEC11C	2.0E-109	1.8E+00	9.0E-01	4.4E-01	3.1E-105	Plasmablast	SEC11C
IGLV1-40	1.8E-102	6.2E+00	1.1E-01	5.0E-03	2.7E-98	Plasmablast	IGLV1-40
XBP1.1	2.3E-98	2.0E+00	9.6E-01	5.1E-01	3.6E-94	Plasmablast	XBP1
SSR4.1	6.3E-96	1.5E+00	9.8E-01	8.4E-01	9.9E-92	Plasmablast	SSR4
MYDGF	1.1E-93	1.7E+00	8.4E-01	3.4E-01	1.6E-89	Plasmablast	MYDGF
IGHV4-39.1	8.8E-91	5.2E+00	1.3E-01	8.0E-03	1.4E-86	Plasmablast	IGHV4-39
SDF2L1.1	1.8E-90	1.4E+00	8.0E-01	2.8E-01	2.9E-86	Plasmablast	SDF2L1
SELENOS	3.2E-83	1.4E+00	7.8E-01	2.8E-01	4.9E-79	Plasmablast	SELENOS

SSR3.1	4.7E-79	1.4E+00	8.9E-01	4.2E-01	7.3E-75	Plasmablast	SSR3
FKBP11.1	8.4E-78	1.4E+00	8.6E-01	3.5E-01	1.3E-73	Plasmablast	FKBP11
LMAN1	5.0E-73	1.1E+00	8.0E-01	3.0E-01	7.7E-69	Plasmablast	LMAN1
IGLV2-14.1	1.0E-67	7.0E+00	2.8E-01	4.3E-02	1.6E-63	Plasmablast	IGLV2-14
HERPUD1.1	4.3E-66	1.5E+00	8.7E-01	4.7E-01	6.7E-62	Plasmablast	HERPUD1
MANF.1	2.3E-62	1.0E+00	7.0E-01	2.4E-01	3.5E-58	Plasmablast	MANF
KDELR2	5.7E-59	1.0E+00	7.4E-01	3.0E-01	8.9E-55	Plasmablast	KDELR2
PPIB.1	1.2E-53	1.3E+00	9.7E-01	8.8E-01	1.9E-49	Plasmablast	PPIB
HSPA5.1	5.6E-49	1.3E+00	8.6E-01	4.8E-01	8.8E-45	Plasmablast	HSPA5
GSTP1.1	5.7E-44	1.1E+00	8.7E-01	5.8E-01	8.8E-40	Plasmablast	GSTP1
IL7R.2	0.0E+00	1.3E+00	8.3E-01	4.9E-01	0.0E+00	CD4_T	IL7R
CD40LG.2	0.0E+00	1.1E+00	4.4E-01	1.4E-01	0.0E+00	CD4_T	CD40LG
CD4.2	0.0E+00	1.0E+00	5.1E-01	2.2E-01	0.0E+00	CD4_T	CD4
CD8A.3	0.0E+00	3.0E+00	8.1E-01	7.5E-02	0.0E+00	CD8_T	CD8A
CD8B.3	0.0E+00	2.8E+00	7.4E-01	6.4E-02	0.0E+00	CD8_T	CD8B
CCL4.3	0.0E+00	1.9E+00	4.9E-01	1.5E-01	0.0E+00	CD8_T	CCL4
CCL5.3	0.0E+00	1.9E+00	9.5E-01	5.6E-01	0.0E+00	CD8_T	CCL5
GZMH.3	0.0E+00	1.7E+00	4.9E-01	1.5E-01	0.0E+00	CD8_T	GZMH
GZMK.3	0.0E+00	1.6E+00	7.2E-01	3.3E-01	0.0E+00	CD8_T	GZMK
NKG7.3	0.0E+00	1.4E+00	7.8E-01	2.8E-01	0.0E+00	CD8_T	NKG7
KLRK1.3	0.0E+00	1.4E+00	5.6E-01	1.2E-01	0.0E+00	CD8_T	KLRK1
CCL4L2.1	0.0E+00	1.3E+00	2.2E-01	5.4E-02	0.0E+00	CD8_T	CCL4L2
LINC02446.1	0.0E+00	1.2E+00	1.8E-01	2.2E-02	0.0E+00	CD8_T	LINC02446
CST7.3	0.0E+00	1.2E+00	8.3E-01	5.8E-01	0.0E+00	CD8_T	CST7
DUSP2.2	0.0E+00	1.2E+00	5.2E-01	3.3E-01	0.0E+00	CD8_T	DUSP2
FOXP3.2	0.0E+00	3.0E+00	7.2E-01	3.8E-02	0.0E+00	Regulatory_T	FOXP3
IL2RA.2	0.0E+00	2.5E+00	5.8E-01	4.4E-02	0.0E+00	Regulatory_T	IL2RA
RTKN2	0.0E+00	1.7E+00	4.4E-01	3.2E-02	0.0E+00	Regulatory_T	RTKN2
TIGIT.4	0.0E+00	1.7E+00	6.5E-01	1.7E-01	0.0E+00	Regulatory_T	TIGIT
LINC01943.1	0.0E+00	1.5E+00	4.1E-01	1.1E-01	0.0E+00	Regulatory_T	LINC01943
CTLA4.3	0.0E+00	1.4E+00	5.6E-01	1.5E-01	0.0E+00	Regulatory_T	CTLA4
AC017002.3	0.0E+00	1.3E+00	3.1E-01	3.8E-02	0.0E+00	Regulatory_T	AC017002.3
IL32.4	0.0E+00	1.2E+00	1.0E+00	8.9E-01	0.0E+00	Regulatory_T	IL32
IKZF2.1	0.0E+00	1.2E+00	4.0E-01	4.2E-02	0.0E+00	Regulatory_T	IKZF2
FCMR.2	0.0E+00	1.1E+00	8.2E-01	4.3E-01	0.0E+00	Regulatory_T	FCMR
LTB.3	0.0E+00	1.1E+00	9.8E-01	7.9E-01	0.0E+00	Regulatory_T	LTB
LAIR2	0.0E+00	1.1E+00	3.1E-01	2.4E-02	0.0E+00	Regulatory_T	LAIR2
RGS1.1	0.0E+00	1.1E+00	4.8E-01	1.7E-01	0.0E+00	Regulatory_T	RGS1
TBC1D4	0.0E+00	1.1E+00	3.9E-01	6.7E-02	0.0E+00	Regulatory_T	TBC1D4
UGP2.3	0.0E+00	1.1E+00	6.6E-01	3.4E-01	0.0E+00	Regulatory_T	UGP2
SELL.2	0.0E+00	1.1E+00	6.9E-01	3.1E-01	0.0E+00	Regulatory_T	SELL
HPGD	1.9E-286	1.1E+00	2.3E-01	5.7E-02	3.0E-282	Regulatory_T	HPGD
TNFRSF4.4	5.8E-248	1.1E+00	4.2E-01	1.8E-01	9.0E-244	Regulatory_T	TNFRSF4
TNFRSF1B.2	1.5E-247	1.1E+00	5.9E-01	3.5E-01	2.3E-243	Regulatory_T	TNFRSF1B
LGALS3.3	5.7E-177	1.0E+00	6.4E-01	4.3E-01	8.9E-173	Regulatory_T	LGALS3
TRBV5-1	1.1E-45	1.2E+00	1.2E-01	5.7E-02	1.8E-41	Regulatory_T	TRBV5-1

TRDV1	0.0E+00	2.4E+00	2.4E-01	1.4E-02	0.0E+00	Unconventional_T	TRDV1
TRDV2	0.0E+00	2.0E+00	1.7E-01	2.0E-03	0.0E+00	Unconventional_T	TRDV2
ZNF683.3	0.0E+00	1.8E+00	3.6E-01	7.7E-02	0.0E+00	Unconventional_T	ZNF683
TRGV9	0.0E+00	1.6E+00	2.0E-01	3.0E-02	0.0E+00	Unconventional_T	TRGV9
TRDC.1	0.0E+00	1.4E+00	2.8E-01	4.8E-02	0.0E+00	Unconventional_T	TRDC
KLRC2	9.9E-222	1.2E+00	1.9E-01	4.2E-02	1.5E-217	Unconventional_T	KLRC2
CD7.3	3.5E-183	1.1E+00	8.4E-01	5.5E-01	5.4E-179	Unconventional_T	CD7
JCHAIN.2	0.0E+00	4.8E+00	1.0E+00	1.7E-02	0.0E+00	pDC	JCHAIN
SERPINF1	0.0E+00	4.1E+00	1.0E+00	1.7E-02	0.0E+00	pDC	SERPINF1
LILRA4	0.0E+00	4.1E+00	9.4E-01	2.0E-03	0.0E+00	pDC	LILRA4
IL3RA	0.0E+00	3.4E+00	8.5E-01	4.0E-03	0.0E+00	pDC	IL3RA
TCL1A	0.0E+00	3.4E+00	3.2E-01	1.0E-03	0.0E+00	pDC	TCL1A
PTCRA	0.0E+00	3.1E+00	7.9E-01	1.0E-03	0.0E+00	pDC	PTCRA
KRT5	0.0E+00	3.0E+00	5.6E-01	0.0E+00	0.0E+00	pDC	KRT5
NIBAN3.1	0.0E+00	2.5E+00	7.1E-01	5.0E-03	0.0E+00	pDC	NIBAN3
MAP1A	0.0E+00	2.5E+00	8.8E-01	6.0E-03	0.0E+00	pDC	MAP1A
LAMP5	0.0E+00	2.5E+00	7.7E-01	3.0E-03	0.0E+00	pDC	LAMP5
LRRC26	0.0E+00	2.4E+00	5.6E-01	0.0E+00	0.0E+00	pDC	LRRC26
SCT	0.0E+00	2.3E+00	4.1E-01	0.0E+00	0.0E+00	pDC	SCT
CLEC4C	0.0E+00	2.2E+00	8.2E-01	2.0E-03	0.0E+00	pDC	CLEC4C
DNASE1L3	0.0E+00	2.2E+00	7.9E-01	6.0E-03	0.0E+00	pDC	DNASE1L3
SHD	0.0E+00	2.1E+00	5.6E-01	0.0E+00	0.0E+00	pDC	SHD
SCAMP5.1	0.0E+00	2.0E+00	6.5E-01	5.0E-03	0.0E+00	pDC	SCAMP5
TNFRSF21	0.0E+00	1.9E+00	6.2E-01	3.0E-03	0.0E+00	pDC	TNFRSF21
AC097375.1	0.0E+00	1.7E+00	4.7E-01	0.0E+00	0.0E+00	pDC	AC097375.1
GPM6B	0.0E+00	1.6E+00	4.4E-01	3.0E-03	0.0E+00	pDC	GPM6B
AC007381.1	0.0E+00	1.5E+00	4.7E-01	1.0E-03	0.0E+00	pDC	AC007381.1
PROC	0.0E+00	1.3E+00	5.0E-01	1.0E-03	0.0E+00	pDC	PROC
EPHB1	0.0E+00	1.3E+00	5.9E-01	2.0E-03	0.0E+00	pDC	EPHB1
SMIM5	0.0E+00	1.3E+00	3.5E-01	0.0E+00	0.0E+00	pDC	SMIM5
PTPRS	0.0E+00	1.3E+00	4.7E-01	2.0E-03	0.0E+00	pDC	PTPRS
CCDC183	0.0E+00	1.2E+00	3.8E-01	1.0E-03	0.0E+00	pDC	CCDC183
AC023590.1	0.0E+00	1.1E+00	3.5E-01	2.0E-03	0.0E+00	pDC	AC023590.1
PLVAP	0.0E+00	1.1E+00	2.1E-01	0.0E+00	0.0E+00	pDC	PLVAP
PLXNA4	0.0E+00	1.0E+00	3.8E-01	2.0E-03	0.0E+00	pDC	PLXNA4
TSPAN13.1	1.7E-294	3.1E+00	8.2E-01	1.6E-02	2.6E-290	pDC	TSPAN13
MYBL2.1	6.1E-292	2.0E+00	6.2E-01	9.0E-03	9.6E-288	pDC	MYBL2
BCL11A.1	1.2E-282	2.9E+00	8.8E-01	2.0E-02	1.9E-278	pDC	BCL11A
NRP1	3.8E-275	1.1E+00	4.4E-01	5.0E-03	5.9E-271	pDC	NRP1
DERL3.1	2.2E-274	2.7E+00	7.4E-01	1.4E-02	3.4E-270	pDC	DERL3
PTGDS	4.5E-243	6.2E+00	5.0E-01	7.0E-03	7.1E-239	pDC	PTGDS
ST14	6.8E-241	1.4E+00	5.3E-01	8.0E-03	1.1E-236	pDC	ST14
TPM2	2.3E-215	1.9E+00	5.3E-01	9.0E-03	3.6E-211	pDC	TPM2
SMPD3	8.1E-205	2.8E+00	8.2E-01	2.4E-02	1.3E-200	pDC	SMPD3
SPIB.1	1.8E-201	3.3E+00	9.1E-01	3.0E-02	2.8E-197	pDC	SPIB
ZFAT.1	9.6E-201	2.7E+00	7.9E-01	2.3E-02	1.5E-196	pDC	ZFAT

IGKC.2	1.4E-185	2.5E+00	8.5E-01	2.8E-02	2.2E-181	pDC	IGKC
PLD4.1	1.1E-184	3.8E+00	8.8E-01	3.1E-02	1.7E-180	pDC	PLD4
TCF4.2	1.5E-176	3.8E+00	1.0E+00	4.3E-02	2.4E-172	pDC	TCF4
TIFAB	4.0E-172	1.3E+00	4.1E-01	7.0E-03	6.2E-168	pDC	TIFAB
CMKLR1	7.5E-169	1.4E+00	4.4E-01	8.0E-03	1.2E-164	pDC	CMKLR1
PHACTR1.1	8.2E-157	1.7E+00	6.2E-01	1.7E-02	1.3E-152	pDC	PHACTR1
RASD1	9.8E-155	1.6E+00	3.8E-01	7.0E-03	1.5E-150	pDC	RASD1
VIPR2	1.5E-150	1.6E+00	2.9E-01	4.0E-03	2.3E-146	pDC	VIPR2
SERPINF2	8.7E-149	1.6E+00	5.0E-01	1.2E-02	1.4E-144	pDC	SERPINF2
IRF8.1	1.2E-141	4.4E+00	1.0E+00	5.5E-02	1.8E-137	pDC	IRF8
LILRB4	1.3E-135	2.5E+00	8.2E-01	3.6E-02	2.0E-131	pDC	LILRB4
PFKFB2	2.2E-134	1.4E+00	3.8E-01	8.0E-03	3.4E-130	pDC	PFKFB2
APP	9.3E-130	3.1E+00	9.7E-01	5.6E-02	1.4E-125	pDC	APP
GAS6.1	7.4E-127	2.5E+00	7.1E-01	2.9E-02	1.2E-122	pDC	GAS6
BLNK.2	6.3E-125	2.2E+00	7.1E-01	2.9E-02	9.8E-121	pDC	BLNK
DAB2	8.7E-124	1.3E+00	4.4E-01	1.1E-02	1.4E-119	pDC	DAB2
LINC00996	5.4E-123	2.1E+00	5.3E-01	1.6E-02	8.4E-119	pDC	LINC00996
TUBB6	8.3E-118	1.5E+00	5.3E-01	1.7E-02	1.3E-113	pDC	TUBB6
MZB1.1	5.9E-115	2.9E+00	8.8E-01	5.0E-02	9.2E-111	pDC	MZB1
MPEG1.1	1.1E-110	3.0E+00	8.8E-01	5.2E-02	1.6E-106	pDC	MPEG1
LGMN.1	1.6E-109	1.5E+00	5.3E-01	1.8E-02	2.4E-105	pDC	LGMN
GAPT.1	8.9E-108	1.9E+00	7.4E-01	3.6E-02	1.4E-103	pDC	GAPT
CD36	7.1E-107	1.2E+00	4.7E-01	1.5E-02	1.1E-102	pDC	CD36
RUBCNL.1	3.0E-106	1.9E+00	5.6E-01	2.1E-02	4.7E-102	pDC	RUBCNL
COBLL1.2	1.8E-104	1.5E+00	5.0E-01	1.7E-02	2.8E-100	pDC	COBLL1
LINC02812.1	5.6E-104	1.3E+00	4.7E-01	1.5E-02	8.8E-100	pDC	LINC02812
TNFSF13	3.7E-102	1.8E+00	7.9E-01	4.3E-02	5.7E-98	pDC	TNFSF13
AFF3.1	1.5E-97	1.6E+00	6.8E-01	3.3E-02	2.3E-93	pDC	AFF3
TMEM8B	2.1E-97	1.4E+00	4.7E-01	1.6E-02	3.4E-93	pDC	TMEM8B
TLR9.1	2.0E-93	2.0E+00	5.9E-01	2.7E-02	3.1E-89	pDC	TLR9
CBFA2T3.1	2.0E-89	1.4E+00	5.3E-01	2.2E-02	3.2E-85	pDC	CBFA2T3
BSPRY	5.6E-87	1.0E+00	2.4E-01	4.0E-03	8.7E-83	pDC	BSPRY
CYBB.2	1.1E-85	2.3E+00	8.5E-01	5.9E-02	1.8E-81	pDC	CYBB
CCDC189	2.1E-84	1.0E+00	3.5E-01	1.0E-02	3.3E-80	pDC	CCDC189
P2RY14	4.7E-80	1.7E+00	6.2E-01	3.4E-02	7.4E-76	pDC	P2RY14
CLN8.1	1.3E-77	1.9E+00	7.1E-01	4.6E-02	2.0E-73	pDC	CLN8
TRAF4.1	7.3E-75	2.3E+00	6.5E-01	4.0E-02	1.1E-70	pDC	TRAF4
TLR7.1	1.4E-74	1.2E+00	4.1E-01	1.6E-02	2.1E-70	pDC	TLR7
MYCL	1.9E-74	1.4E+00	3.8E-01	1.4E-02	2.9E-70	pDC	MYCL
CXXC5.2	1.7E-71	1.7E+00	7.1E-01	4.9E-02	2.7E-67	pDC	CXXC5
GZMB.4	6.5E-71	4.8E+00	1.0E+00	1.2E-01	1.0E-66	pDC	GZMB
CSF2RB.1	7.9E-70	1.6E+00	5.6E-01	3.2E-02	1.2E-65	pDC	CSF2RB
CCDC50.3	9.7E-70	3.0E+00	1.0E+00	1.2E-01	1.5E-65	pDC	CCDC50
CD68.2	9.4E-68	2.6E+00	8.5E-01	7.8E-02	1.5E-63	pDC	CD68
TGFBI	2.0E-67	2.0E+00	7.1E-01	5.3E-02	3.2E-63	pDC	TGFBI
PRXL2A	6.5E-67	1.7E+00	4.1E-01	1.8E-02	1.0E-62	pDC	PRXL2A

MS4A6A	7.9E-67	2.3E+00	7.7E-01	6.0E-02	1.2E-62	pDC	MS4A6A
MEF2C.3	4.6E-66	2.0E+00	8.2E-01	7.1E-02	7.2E-62	pDC	MEF2C
RNASE6.4	3.6E-64	2.5E+00	8.2E-01	7.9E-02	5.7E-60	pDC	RNASE6
PACSIN1	4.9E-63	1.2E+00	3.2E-01	1.2E-02	7.6E-59	pDC	PACSIN1
CCDC88A.1	4.9E-61	2.2E+00	7.7E-01	7.0E-02	7.6E-57	pDC	CCDC88A
GNG7.2	3.4E-60	1.2E+00	4.1E-01	2.0E-02	5.4E-56	pDC	GNG7
CYB561A3.1	4.6E-60	3.1E+00	9.7E-01	1.3E-01	7.1E-56	pDC	CYB561A3
NEK8	8.6E-58	1.1E+00	3.8E-01	1.8E-02	1.3E-53	pDC	NEK8
SUSD1	1.5E-57	1.7E+00	4.4E-01	2.4E-02	2.4E-53	pDC	SUSD1
CHAF1A	5.3E-56	1.5E+00	5.9E-01	4.3E-02	8.3E-52	pDC	CHAF1A
TEX2	1.0E-55	1.1E+00	4.1E-01	2.1E-02	1.6E-51	pDC	TEX2
PLAC8.3	9.6E-54	3.4E+00	9.4E-01	1.4E-01	1.5E-49	pDC	PLAC8
UGCG.1	1.8E-52	2.7E+00	9.4E-01	1.4E-01	2.9E-48	pDC	UGCG
IGHM.2	4.3E-52	1.4E+00	3.5E-01	1.7E-02	6.7E-48	pDC	IGHM
PPP1R14B.2	8.3E-52	2.8E+00	8.8E-01	1.1E-01	1.3E-47	pDC	PPP1R14B
P2RY6	3.8E-51	1.1E+00	4.4E-01	2.7E-02	6.0E-47	pDC	P2RY6
CST3.2	6.9E-51	2.1E+00	8.2E-01	8.9E-02	1.1E-46	pDC	CST3
TXNDC5.1	2.4E-50	1.6E+00	5.3E-01	3.9E-02	3.7E-46	pDC	TXNDC5
WDFY4.1	1.4E-47	1.3E+00	4.7E-01	3.2E-02	2.2E-43	pDC	WDFY4
FCER1G.6	1.0E-46	2.3E+00	8.8E-01	1.1E-01	1.6E-42	pDC	FCER1G
TYROBP.4	4.1E-45	2.3E+00	9.4E-01	1.3E-01	6.3E-41	pDC	TYROBP
SULF2	4.1E-45	1.5E+00	5.0E-01	3.9E-02	6.4E-41	pDC	SULF2
ALDH2	9.1E-45	1.3E+00	5.3E-01	4.3E-02	1.4E-40	pDC	ALDH2
SETBP1.1	4.1E-42	1.1E+00	3.5E-01	2.1E-02	6.4E-38	pDC	SETBP1
IDH3A	5.2E-39	2.0E+00	7.9E-01	1.1E-01	8.2E-35	pDC	IDH3A
RNF130.1	3.4E-38	2.0E+00	6.8E-01	8.4E-02	5.2E-34	pDC	RNF130
PLEK.5	6.8E-38	2.7E+00	8.8E-01	1.7E-01	1.1E-33	pDC	PLEK
ARID3A.2	1.5E-37	1.1E+00	5.0E-01	4.5E-02	2.3E-33	pDC	ARID3A
FLNB	5.2E-36	1.2E+00	4.7E-01	4.2E-02	8.1E-32	pDC	FLNB
SLC15A4	9.4E-35	1.6E+00	5.0E-01	4.9E-02	1.5E-30	pDC	SLC15A4
MAPKAPK2	1.8E-34	2.4E+00	8.8E-01	1.7E-01	2.8E-30	pDC	MAPKAPK2
IRF4.1	3.0E-34	1.8E+00	5.0E-01	5.0E-02	4.7E-30	pDC	IRF4
SCARB2	3.5E-34	1.3E+00	5.6E-01	6.1E-02	5.5E-30	pDC	SCARB2
IRF7	5.1E-34	4.3E+00	1.0E+00	3.1E-01	7.9E-30	pDC	IRF7
OPN3.1	6.6E-34	1.0E+00	4.1E-01	3.4E-02	1.0E-29	pDC	OPN3
GRN.5	1.9E-33	2.5E+00	9.1E-01	2.0E-01	3.0E-29	pDC	GRN
NPC2.3	4.0E-33	3.4E+00	1.0E+00	3.1E-01	6.2E-29	pDC	NPC2
CLIC3.5	4.5E-33	2.7E+00	8.2E-01	1.5E-01	7.1E-29	pDC	CLIC3
FCHSD2.1	5.1E-33	1.4E+00	6.5E-01	8.6E-02	7.9E-29	pDC	FCHSD2
STMN1.2	9.0E-33	1.8E+00	8.2E-01	1.4E-01	1.4E-28	pDC	STMN1
SLC7A5	6.8E-32	1.6E+00	6.8E-01	9.5E-02	1.1E-27	pDC	SLC7A5
ADGRL1	1.3E-31	1.1E+00	2.7E-01	1.6E-02	2.0E-27	pDC	ADGRL1
CORO1C.1	2.6E-31	1.1E+00	4.7E-01	4.9E-02	4.0E-27	pDC	CORO1C
LILRB1.1	6.5E-30	1.1E+00	4.7E-01	4.9E-02	1.0E-25	pDC	LILRB1
ITM2C.5	2.6E-28	2.7E+00	8.8E-01	2.2E-01	4.1E-24	pDC	ITM2C
CUX1	3.1E-28	1.4E+00	7.1E-01	1.2E-01	4.8E-24	pDC	CUX1

GSN.3	5.7E-28	1.2E+00	5.9E-01	7.9E-02	8.8E-24	pDC	GSN
SYK.3	1.3E-27	1.4E+00	5.6E-01	7.4E-02	2.1E-23	pDC	SYK
LYN.3	8.6E-27	1.8E+00	5.9E-01	8.9E-02	1.3E-22	pDC	LYN
NBPF14	3.0E-26	1.6E+00	5.6E-01	7.9E-02	4.7E-22	pDC	NBPF14
ST6GALNAC4.2	4.6E-26	1.4E+00	5.0E-01	6.5E-02	7.2E-22	pDC	ST6GALNAC4
AHI1	5.9E-25	1.0E+00	4.4E-01	5.1E-02	9.2E-21	pDC	AHI1
PLXNB2	8.2E-25	1.2E+00	3.2E-01	3.0E-02	1.3E-20	pDC	PLXNB2
FAM43A.1	1.0E-24	1.1E+00	3.5E-01	3.4E-02	1.6E-20	pDC	FAM43A
DUSP5	2.7E-24	1.7E+00	5.3E-01	7.6E-02	4.1E-20	pDC	DUSP5
SOX4.1	3.1E-24	1.4E+00	3.8E-01	4.1E-02	4.8E-20	pDC	SOX4
FCGRT.3	4.3E-24	1.6E+00	6.2E-01	1.1E-01	6.7E-20	pDC	FCGRT
RUBCN	9.3E-24	1.2E+00	5.6E-01	8.4E-02	1.5E-19	pDC	RUBCN
TSPAN3.2	1.3E-23	1.2E+00	5.3E-01	7.7E-02	2.0E-19	pDC	TSPAN3
ZDHHC17	1.3E-23	1.4E+00	4.7E-01	6.2E-02	2.1E-19	pDC	ZDHHC17
CIITA.2	1.7E-23	1.3E+00	5.0E-01	7.1E-02	2.6E-19	pDC	CIITA
HLA-DMB.4	1.7E-23	1.4E+00	7.9E-01	1.7E-01	2.6E-19	pDC	HLA-DMB
SEL1L3.2	4.0E-23	1.8E+00	7.7E-01	1.7E-01	6.2E-19	pDC	SEL1L3
C12orf45	4.6E-23	1.9E+00	5.6E-01	9.7E-02	7.2E-19	pDC	C12orf45
CTSZ.3	4.9E-22	1.6E+00	6.5E-01	1.3E-01	7.7E-18	pDC	CTSZ
AHCY	5.0E-22	1.2E+00	5.9E-01	1.0E-01	7.8E-18	pDC	AHCY
CBX6	6.3E-22	1.4E+00	6.5E-01	1.2E-01	9.9E-18	pDC	CBX6
RIPOR1.1	6.8E-22	1.0E+00	4.4E-01	5.8E-02	1.1E-17	pDC	RIPOR1
CD2AP	2.3E-21	1.4E+00	6.8E-01	1.4E-01	3.5E-17	pDC	CD2AP
CDCA7L.1	4.5E-21	1.1E+00	2.9E-01	2.9E-02	7.1E-17	pDC	CDCA7L
VEGFB	5.5E-21	1.3E+00	5.0E-01	7.6E-02	8.6E-17	pDC	VEGFB
SEC61B.2	5.9E-21	2.2E+00	1.0E+00	7.4E-01	9.2E-17	pDC	SEC61B
HLA-DRA.4	7.4E-21	1.8E+00	1.0E+00	4.3E-01	1.2E-16	pDC	HLA-DRA
LAIR1.2	1.3E-20	1.3E+00	7.1E-01	1.4E-01	2.0E-16	pDC	LAIR1
SNRNP25.1	1.3E-20	1.2E+00	6.2E-01	1.2E-01	2.0E-16	pDC	SNRNP25
DAAM1.1	1.4E-20	1.3E+00	4.1E-01	5.4E-02	2.2E-16	pDC	DAAM1
CD74.5	3.3E-20	2.5E+00	1.0E+00	9.3E-01	5.2E-16	pDC	CD74
PTPRE.3	3.6E-20	1.7E+00	7.9E-01	2.1E-01	5.7E-16	pDC	PTPRE
RRBP1.2	4.4E-20	1.6E+00	6.2E-01	1.3E-01	6.9E-16	pDC	RRBP1
CCDC186.1	7.4E-20	1.6E+00	7.4E-01	1.8E-01	1.1E-15	pDC	CCDC186
SFT2D2.1	1.3E-19	1.5E+00	7.4E-01	1.8E-01	2.0E-15	pDC	SFT2D2
CAT.1	1.6E-19	1.6E+00	7.9E-01	2.2E-01	2.5E-15	pDC	CAT
KCTD5.1	3.4E-19	1.0E+00	4.7E-01	7.4E-02	5.3E-15	pDC	KCTD5
ERCC1.1	3.5E-19	1.5E+00	7.9E-01	2.2E-01	5.5E-15	pDC	ERCC1
LINC02245.1	1.1E-18	1.1E+00	4.1E-01	6.0E-02	1.7E-14	pDC	LINC02245
MOB1B	1.4E-18	1.0E+00	3.5E-01	4.4E-02	2.2E-14	pDC	MOB1B
SPCS1.1	2.0E-18	1.7E+00	1.0E+00	7.0E-01	3.1E-14	pDC	SPCS1
SKAP2.2	2.0E-18	1.3E+00	5.6E-01	1.1E-01	3.2E-14	pDC	SKAP2
HIGD1A.1	4.9E-18	1.9E+00	8.2E-01	3.1E-01	7.6E-14	pDC	HIGD1A
SLAMF7.5	5.0E-18	1.6E+00	5.9E-01	1.2E-01	7.8E-14	pDC	SLAMF7
TAX1BP3	5.1E-18	1.3E+00	5.9E-01	1.2E-01	7.9E-14	pDC	TAX1BP3

ZEB2.5	7.8E-18	1.0E+00	5.9E-01	1.1E-01	1.2E-13	pDC	ZEB2
DPYSL2	8.8E-18	1.0E+00	4.7E-01	8.0E-02	1.4E-13	pDC	DPYSL2
HLA-DMA.2	2.2E-17	1.6E+00	8.5E-01	2.8E-01	3.5E-13	pDC	HLA-DMA
HLA-DPA1.6	3.7E-17	1.5E+00	1.0E+00	6.4E-01	5.8E-13	pDC	HLA-DPA1
SMIM14.4	7.1E-17	1.1E+00	5.3E-01	1.0E-01	1.1E-12	pDC	SMIM14
RUNX2.1	7.2E-17	1.2E+00	6.5E-01	1.5E-01	1.1E-12	pDC	RUNX2
CTSB.3	8.4E-17	1.8E+00	9.4E-01	4.0E-01	1.3E-12	pDC	CTSB
HERPUD1.5	1.4E-16	2.2E+00	9.1E-01	4.7E-01	2.1E-12	pDC	HERPUD1
VAMP8.4	1.7E-16	1.5E+00	1.0E+00	6.6E-01	2.7E-12	pDC	VAMP8
PPM1K.2	2.8E-16	1.2E+00	8.2E-01	2.5E-01	4.3E-12	pDC	PPM1K
PGD	3.2E-16	1.3E+00	6.8E-01	1.7E-01	5.0E-12	pDC	PGD
PARVB.2	3.9E-16	1.0E+00	5.0E-01	9.8E-02	6.1E-12	pDC	PARVB
MAN2B1.1	4.2E-16	1.4E+00	8.2E-01	2.7E-01	6.5E-12	pDC	MAN2B1
ATP13A2	5.3E-16	1.0E+00	3.8E-01	6.0E-02	8.3E-12	pDC	ATP13A2
PSAP.3	6.7E-16	1.9E+00	9.7E-01	5.1E-01	1.0E-11	pDC	PSAP
PARK7.3	1.7E-15	1.6E+00	9.7E-01	7.1E-01	2.6E-11	pDC	PARK7
IGFLR1.2	1.7E-15	1.6E+00	8.8E-01	4.2E-01	2.6E-11	pDC	IGFLR1
C12orf75.4	1.8E-15	1.8E+00	8.5E-01	3.3E-01	2.9E-11	pDC	C12orf75
STK11IP	2.9E-15	1.0E+00	2.9E-01	3.8E-02	4.6E-11	pDC	STK11IP
ATG101	3.7E-15	1.1E+00	5.6E-01	1.3E-01	5.8E-11	pDC	ATG101
NAGK.1	9.4E-15	1.3E+00	6.5E-01	1.6E-01	1.5E-10	pDC	NAGK
PLP2.1	9.9E-15	1.4E+00	9.7E-01	6.2E-01	1.5E-10	pDC	PLP2
CTSC.3	1.0E-14	1.4E+00	9.7E-01	6.0E-01	1.6E-10	pDC	CTSC
B4GALT1.2	1.6E-14	1.3E+00	6.5E-01	1.7E-01	2.6E-10	pDC	B4GALT1
CYTH4	3.0E-14	1.4E+00	7.4E-01	2.4E-01	4.7E-10	pDC	CYTH4
IGF2R.1	3.3E-14	1.0E+00	5.9E-01	1.4E-01	5.1E-10	pDC	IGF2R
SELL.4	3.9E-14	1.2E+00	9.1E-01	3.4E-01	6.1E-10	pDC	SELL
HLA-DPB1.5	4.0E-14	1.0E+00	9.7E-01	6.3E-01	6.3E-10	pDC	HLA-DPB1
STX7.2	7.6E-14	1.3E+00	5.3E-01	1.3E-01	1.2E-09	pDC	STX7
ADGRG5.1	8.3E-14	1.0E+00	3.2E-01	4.9E-02	1.3E-09	pDC	ADGRG5
HLA-DRB1.5	8.4E-14	1.3E+00	9.4E-01	5.9E-01	1.3E-09	pDC	HLA-DRB1
CHPF.1	1.5E-13	1.0E+00	3.5E-01	5.9E-02	2.3E-09	pDC	CHPF
ETV6.3	1.6E-13	1.3E+00	5.9E-01	1.5E-01	2.5E-09	pDC	ETV6
RASSF2.1	2.0E-13	1.2E+00	5.9E-01	1.6E-01	3.1E-09	pDC	RASSF2
HSP90B1.2	2.0E-13	1.4E+00	9.4E-01	6.4E-01	3.2E-09	pDC	HSP90B1
CD4.6	2.7E-13	1.8E+00	8.5E-01	3.5E-01	4.2E-09	pDC	CD4
NBPF26.2	2.8E-13	1.4E+00	7.9E-01	2.8E-01	4.4E-09	pDC	NBPF26
MX1.2	4.1E-13	1.2E+00	7.7E-01	2.6E-01	6.4E-09	pDC	MX1
MFSD12	5.6E-13	1.1E+00	3.5E-01	6.2E-02	8.7E-09	pDC	MFSD12
PRKCD.1	5.8E-13	1.1E+00	5.0E-01	1.1E-01	9.0E-09	pDC	PRKCD
SPINT2.3	1.3E-12	1.6E+00	5.0E-01	1.3E-01	2.1E-08	pDC	SPINT2
OSTC.2	1.6E-12	1.4E+00	8.8E-01	4.8E-01	2.6E-08	pDC	OSTC
TNFSF13B.4	1.8E-12	1.1E+00	5.6E-01	1.4E-01	2.7E-08	pDC	TNFSF13B
NADK	2.2E-12	1.2E+00	4.4E-01	9.7E-02	3.5E-08	pDC	NADK
TP53I13	2.3E-12	1.0E+00	6.2E-01	1.7E-01	3.6E-08	pDC	TP53I13
GABARAP.2	2.3E-12	1.1E+00	1.0E+00	8.3E-01	3.6E-08	pDC	GABARAP

ERP29.1	2.4E-12	1.3E+00	9.7E-01	6.7E-01	3.7E-08	pDC	ERP29
THEMIS2.1	3.0E-12	1.1E+00	5.3E-01	1.3E-01	4.7E-08	pDC	THEMIS2
CYBA.2	3.7E-12	1.2E+00	9.1E-01	8.8E-01	5.8E-08	pDC	CYBA
NME4.1	5.0E-12	1.1E+00	4.4E-01	9.7E-02	7.7E-08	pDC	NME4
UBE2J1.2	5.2E-12	1.5E+00	6.8E-01	2.3E-01	8.1E-08	pDC	UBE2J1
HYOU1.1	6.8E-12	1.2E+00	4.7E-01	1.1E-01	1.1E-07	pDC	HYOU1
ALOX5AP.4	8.0E-12	1.4E+00	9.4E-01	7.2E-01	1.3E-07	pDC	ALOX5AP
CNPY3.3	9.4E-12	1.3E+00	7.9E-01	3.2E-01	1.5E-07	pDC	CNPY3
PPIB.2	2.1E-11	1.2E+00	9.7E-01	8.8E-01	3.2E-07	pDC	PPIB
CAPG.4	2.1E-11	1.5E+00	8.5E-01	3.5E-01	3.3E-07	pDC	CAPG
MED13L.1	2.9E-11	1.1E+00	4.7E-01	1.1E-01	4.5E-07	pDC	MED13L
PNOC.2	3.5E-11	1.2E+00	1.8E-01	2.0E-02	5.4E-07	pDC	PNOC
OGT	3.7E-11	1.2E+00	8.2E-01	3.3E-01	5.7E-07	pDC	OGT
UNC93B1.1	4.4E-11	1.1E+00	3.8E-01	8.4E-02	6.9E-07	pDC	UNC93B1
MIF4GD	5.0E-11	1.1E+00	7.1E-01	2.5E-01	7.8E-07	pDC	MIF4GD
SELENOS.2	9.1E-11	1.5E+00	6.8E-01	2.8E-01	1.4E-06	pDC	SELENOS
CARD11.1	1.3E-10	1.1E+00	5.3E-01	1.5E-01	2.1E-06	pDC	CARD11
GGA2.2	1.8E-10	1.3E+00	5.6E-01	1.7E-01	2.8E-06	pDC	GGA2
PI4KA	6.0E-10	1.3E+00	4.4E-01	1.2E-01	9.4E-06	pDC	PI4KA
SSR3.2	9.7E-10	1.1E+00	8.8E-01	4.3E-01	1.5E-05	pDC	SSR3
FKBP2.3	1.6E-09	1.2E+00	7.1E-01	2.7E-01	2.6E-05	pDC	FKBP2
PLAAT3.3	2.6E-09	1.2E+00	5.0E-01	1.6E-01	4.0E-05	pDC	PLAAT3
DCPS.2	3.5E-09	1.1E+00	5.9E-01	1.9E-01	5.4E-05	pDC	DCPS
TAGLN2.1	3.8E-09	1.4E+00	9.7E-01	7.8E-01	5.9E-05	pDC	TAGLN2
JAML.3	4.6E-09	1.2E+00	7.1E-01	3.0E-01	7.1E-05	pDC	JAML
SLC25A5.1	6.0E-09	1.1E+00	9.4E-01	6.7E-01	9.4E-05	pDC	SLC25A5
NUCB2.3	1.1E-08	1.1E+00	7.1E-01	2.9E-01	1.7E-04	pDC	NUCB2
HMGN3.1	1.2E-08	1.1E+00	7.7E-01	4.3E-01	1.8E-04	pDC	HMGN3
CDKN2D.1	1.3E-08	1.1E+00	5.6E-01	1.9E-01	2.0E-04	pDC	CDKN2D
NOTCH2.1	1.5E-08	1.1E+00	4.4E-01	1.3E-01	2.3E-04	pDC	NOTCH2
TXN.2	1.7E-08	1.4E+00	9.1E-01	6.0E-01	2.7E-04	pDC	TXN
CIAO2A.1	1.9E-08	1.0E+00	7.7E-01	3.9E-01	2.9E-04	pDC	CIAO2A
TMEM109	8.0E-08	1.1E+00	7.4E-01	3.8E-01	1.2E-03	pDC	TMEM109
CD164.1	1.0E-07	1.0E+00	8.8E-01	5.0E-01	1.6E-03	pDC	CD164
GPR183.2	1.1E-07	1.1E+00	6.8E-01	2.7E-01	1.6E-03	pDC	GPR183
PHB	1.2E-07	1.2E+00	6.8E-01	3.4E-01	1.9E-03	pDC	PHB
DCK.2	1.9E-07	1.0E+00	6.2E-01	2.8E-01	2.9E-03	pDC	DCK
NCF1.4	2.0E-07	1.2E+00	7.1E-01	3.7E-01	3.2E-03	pDC	NCF1
DNAJA1	7.8E-07	1.1E+00	7.1E-01	3.8E-01	1.2E-02	pDC	DNAJA1
RNASET2.4	8.4E-07	1.2E+00	7.7E-01	5.2E-01	1.3E-02	pDC	RNASET2
MRPL36	1.8E-06	1.1E+00	5.9E-01	2.6E-01	2.7E-02	pDC	MRPL36
S100A8	0.0E+00	6.7E+00	9.6E-01	1.7E-02	0.0E+00	Macrophage	S100A8
S100A9	0.0E+00	6.4E+00	9.7E-01	2.8E-02	0.0E+00	Macrophage	S100A9
LYZ.1	0.0E+00	5.2E+00	9.8E-01	3.4E-02	0.0E+00	Macrophage	LYZ
VCAN	0.0E+00	4.7E+00	9.2E-01	5.0E-03	0.0E+00	Macrophage	VCAN
IFI30.6	0.0E+00	4.7E+00	9.9E-01	1.2E-01	0.0E+00	Macrophage	IFI30

AIF1.3	0.0E+00	4.1E+00	9.7E-01	9.1E-02	0.0E+00	Macrophage	AIF1
FCN1	0.0E+00	4.0E+00	8.9E-01	4.0E-03	0.0E+00	Macrophage	FCN1
SERPINA1	0.0E+00	4.0E+00	9.5E-01	1.4E-02	0.0E+00	Macrophage	SERPINA1
TYROBP.5	0.0E+00	4.0E+00	9.9E-01	9.4E-02	0.0E+00	Macrophage	TYROBP
CD14	0.0E+00	4.0E+00	9.3E-01	7.0E-03	0.0E+00	Macrophage	CD14
IFITM3.6	0.0E+00	3.8E+00	9.3E-01	1.5E-01	0.0E+00	Macrophage	IFITM3
FCER1G.7	0.0E+00	3.8E+00	9.8E-01	7.4E-02	0.0E+00	Macrophage	FCER1G
CST3.3	0.0E+00	3.3E+00	9.8E-01	5.7E-02	0.0E+00	Macrophage	CST3
TYMP.5	0.0E+00	3.1E+00	9.5E-01	2.6E-01	0.0E+00	Macrophage	TYMP
C1QB	0.0E+00	3.0E+00	2.3E-01	1.1E-02	0.0E+00	Macrophage	C1QB
C1QA	0.0E+00	3.0E+00	2.9E-01	1.2E-02	0.0E+00	Macrophage	C1QA
TIMP1.4	0.0E+00	3.0E+00	9.4E-01	3.8E-01	0.0E+00	Macrophage	TIMP1
NPC2.4	0.0E+00	3.0E+00	9.6E-01	2.8E-01	0.0E+00	Macrophage	NPC2
CD68.3	0.0E+00	2.9E+00	9.1E-01	4.8E-02	0.0E+00	Macrophage	CD68
MS4A6A.1	0.0E+00	2.8E+00	8.7E-01	3.1E-02	0.0E+00	Macrophage	MS4A6A
SPI1.3	0.0E+00	2.8E+00	9.2E-01	4.3E-02	0.0E+00	Macrophage	SPI1
CYBB.3	0.0E+00	2.8E+00	8.9E-01	2.9E-02	0.0E+00	Macrophage	CYBB
CD163	0.0E+00	2.8E+00	7.6E-01	3.0E-03	0.0E+00	Macrophage	CD163
C1QC	0.0E+00	2.8E+00	2.2E-01	7.0E-03	0.0E+00	Macrophage	C1QC
HLA-DRA.5	0.0E+00	2.8E+00	9.9E-01	4.1E-01	0.0E+00	Macrophage	HLA-DRA
FTL.4	0.0E+00	2.7E+00	1.0E+00	9.7E-01	0.0E+00	Macrophage	FTL
CTSB.4	0.0E+00	2.7E+00	9.6E-01	3.8E-01	0.0E+00	Macrophage	CTSB
LST1.5	0.0E+00	2.7E+00	9.3E-01	1.5E-01	0.0E+00	Macrophage	LST1
PSAP.4	0.0E+00	2.7E+00	9.6E-01	5.0E-01	0.0E+00	Macrophage	PSAP
FOS.3	0.0E+00	2.7E+00	9.1E-01	1.8E-01	0.0E+00	Macrophage	FOS
MNDA	0.0E+00	2.6E+00	8.6E-01	2.6E-02	0.0E+00	Macrophage	MNDA
CCL2	0.0E+00	2.6E+00	4.0E-01	3.0E-03	0.0E+00	Macrophage	CCL2
S100A12	0.0E+00	2.6E+00	5.9E-01	1.0E-03	0.0E+00	Macrophage	S100A12
FPR1	0.0E+00	2.6E+00	8.5E-01	1.1E-02	0.0E+00	Macrophage	FPR1
MAFB	0.0E+00	2.6E+00	7.6E-01	3.0E-03	0.0E+00	Macrophage	MAFB
FGL2.2	0.0E+00	2.5E+00	8.8E-01	6.2E-02	0.0E+00	Macrophage	FGL2
LILRB2.1	0.0E+00	2.5E+00	8.4E-01	8.0E-03	0.0E+00	Macrophage	LILRB2
GRN.6	0.0E+00	2.4E+00	9.0E-01	1.8E-01	0.0E+00	Macrophage	GRN
FCGR1A	0.0E+00	2.4E+00	8.3E-01	8.0E-03	0.0E+00	Macrophage	FCGR1A
CALHM6.4	0.0E+00	2.4E+00	8.2E-01	7.0E-02	0.0E+00	Macrophage	CALHM6
FCGR3A	0.0E+00	2.4E+00	6.8E-01	2.3E-02	0.0E+00	Macrophage	FCGR3A
SAT1.5	0.0E+00	2.4E+00	9.7E-01	5.8E-01	0.0E+00	Macrophage	SAT1
IFNGR2.2	0.0E+00	2.3E+00	8.3E-01	4.2E-02	0.0E+00	Macrophage	IFNGR2
FTH1.5	0.0E+00	2.3E+00	1.0E+00	9.2E-01	0.0E+00	Macrophage	FTH1
FCGR2A	0.0E+00	2.3E+00	8.4E-01	1.1E-02	0.0E+00	Macrophage	FCGR2A
HLA-DRB1.6	0.0E+00	2.3E+00	9.7E-01	5.8E-01	0.0E+00	Macrophage	HLA-DRB1
FBP1	0.0E+00	2.3E+00	7.1E-01	2.1E-02	0.0E+00	Macrophage	FBP1
LILRB1.2	0.0E+00	2.3E+00	8.0E-01	2.2E-02	0.0E+00	Macrophage	LILRB1
CTSS.4	0.0E+00	2.3E+00	9.5E-01	3.5E-01	0.0E+00	Macrophage	CTSS
CLEC7A	0.0E+00	2.3E+00	8.6E-01	2.6E-02	0.0E+00	Macrophage	CLEC7A
LILRA5.1	0.0E+00	2.2E+00	7.2E-01	6.0E-03	0.0E+00	Macrophage	LILRA5

FCGR2B.2	0.0E+00	2.2E+00	6.9E-01	3.4E-02	0.0E+00	Macrophage	FCGR2B
FCGRT.4	0.0E+00	2.2E+00	8.6E-01	7.7E-02	0.0E+00	Macrophage	FCGRT
ATF5.6	0.0E+00	2.2E+00	7.3E-01	9.6E-02	0.0E+00	Macrophage	ATF5
CSF1R.1	0.0E+00	2.1E+00	7.9E-01	1.2E-02	0.0E+00	Macrophage	CSF1R
RAB31.3	0.0E+00	2.1E+00	8.3E-01	3.8E-02	0.0E+00	Macrophage	RAB31
SLC11A1	0.0E+00	2.1E+00	6.9E-01	9.0E-03	0.0E+00	Macrophage	SLC11A1
HCK.2	0.0E+00	2.1E+00	8.5E-01	3.1E-02	0.0E+00	Macrophage	HCK
SPP1	0.0E+00	2.1E+00	2.3E-01	4.0E-03	0.0E+00	Macrophage	SPP1
APLP2.2	0.0E+00	2.1E+00	8.6E-01	9.4E-02	0.0E+00	Macrophage	APLP2
CSF3R	0.0E+00	2.1E+00	7.7E-01	1.1E-02	0.0E+00	Macrophage	CSF3R
CFD	0.0E+00	2.1E+00	6.4E-01	1.6E-02	0.0E+00	Macrophage	CFD
KCTD12.1	0.0E+00	2.1E+00	8.0E-01	2.5E-02	0.0E+00	Macrophage	KCTD12
LAP3.3	0.0E+00	2.1E+00	8.8E-01	2.5E-01	0.0E+00	Macrophage	LAP3
TMEM176B	0.0E+00	2.1E+00	5.3E-01	7.0E-03	0.0E+00	Macrophage	TMEM176B
C15orf48	0.0E+00	2.1E+00	4.4E-01	2.1E-02	0.0E+00	Macrophage	C15orf48
TNFSF13B.5	0.0E+00	2.1E+00	8.5E-01	1.2E-01	0.0E+00	Macrophage	TNFSF13B
ZEB2.6	0.0E+00	2.1E+00	8.4E-01	8.6E-02	0.0E+00	Macrophage	ZEB2
NAIP	0.0E+00	2.0E+00	8.0E-01	3.7E-02	0.0E+00	Macrophage	NAIP
APOBEC3A	0.0E+00	2.0E+00	4.5E-01	1.0E-03	0.0E+00	Macrophage	APOBEC3A
WARS.2	0.0E+00	2.0E+00	8.1E-01	1.6E-01	0.0E+00	Macrophage	WARS
CXCL10	0.0E+00	2.0E+00	1.9E-01	2.0E-03	0.0E+00	Macrophage	CXCL10
TGFBI.1	0.0E+00	2.0E+00	7.5E-01	2.8E-02	0.0E+00	Macrophage	TGFBI
C1orf162.6	0.0E+00	2.0E+00	8.7E-01	1.5E-01	0.0E+00	Macrophage	C1orf162
RNF130.2	0.0E+00	2.0E+00	8.1E-01	5.8E-02	0.0E+00	Macrophage	RNF130
NCF2.1	0.0E+00	2.0E+00	8.1E-01	3.1E-02	0.0E+00	Macrophage	NCF2
LRP1	0.0E+00	2.0E+00	7.8E-01	7.0E-03	0.0E+00	Macrophage	LRP1
CD74.6	0.0E+00	1.9E+00	1.0E+00	9.3E-01	0.0E+00	Macrophage	CD74
CSTA	0.0E+00	1.9E+00	7.8E-01	1.0E-02	0.0E+00	Macrophage	CSTA
SOD2.3	0.0E+00	1.9E+00	8.1E-01	2.1E-01	0.0E+00	Macrophage	SOD2
IGSF6	0.0E+00	1.9E+00	7.3E-01	1.4E-02	0.0E+00	Macrophage	IGSF6
SMIM25	0.0E+00	1.9E+00	6.7E-01	3.0E-03	0.0E+00	Macrophage	SMIM25
TNFSF13.1	0.0E+00	1.9E+00	7.5E-01	1.8E-02	0.0E+00	Macrophage	TNFSF13
HLA-DPA1.7	0.0E+00	1.9E+00	9.6E-01	6.3E-01	0.0E+00	Macrophage	HLA-DPA1
FN1	0.0E+00	1.9E+00	2.0E-01	1.0E-03	0.0E+00	Macrophage	FN1
VSIG4	0.0E+00	1.9E+00	5.7E-01	7.0E-03	0.0E+00	Macrophage	VSIG4
MPEG1.2	0.0E+00	1.9E+00	7.7E-01	2.7E-02	0.0E+00	Macrophage	MPEG1
HLA-DMA.3	0.0E+00	1.8E+00	8.6E-01	2.6E-01	0.0E+00	Macrophage	HLA-DMA
HLA-DQA1.5	0.0E+00	1.8E+00	7.9E-01	2.5E-01	0.0E+00	Macrophage	HLA-DQA1
MARCH1.3	0.0E+00	1.8E+00	7.9E-01	4.0E-02	0.0E+00	Macrophage	MARCH1
HLA-DRB5.3	0.0E+00	1.8E+00	7.4E-01	1.9E-01	0.0E+00	Macrophage	HLA-DRB5
THBS1	0.0E+00	1.8E+00	2.8E-01	6.0E-03	0.0E+00	Macrophage	THBS1
PILRA	0.0E+00	1.8E+00	7.2E-01	9.0E-03	0.0E+00	Macrophage	PILRA
FGR.1	0.0E+00	1.8E+00	7.6E-01	6.1E-02	0.0E+00	Macrophage	FGR
HLA-DQB1.4	0.0E+00	1.8E+00	9.1E-01	3.3E-01	0.0E+00	Macrophage	HLA-DQB1
GCA.4	0.0E+00	1.8E+00	7.8E-01	8.4E-02	0.0E+00	Macrophage	GCA
HLA-DPB1.6	0.0E+00	1.8E+00	9.4E-01	6.2E-01	0.0E+00	Macrophage	HLA-DPB1

AP1S2.4	0.0E+00	1.8E+00	8.1E-01	1.9E-01	0.0E+00	Macrophage	AP1S2
ALOX5.1	0.0E+00	1.7E+00	7.6E-01	2.9E-02	0.0E+00	Macrophage	ALOX5
GRINA.5	0.0E+00	1.7E+00	8.6E-01	2.0E-01	0.0E+00	Macrophage	GRINA
CLEC10A	0.0E+00	1.7E+00	5.0E-01	1.3E-02	0.0E+00	Macrophage	CLEC10A
F13A1	0.0E+00	1.7E+00	5.0E-01	6.0E-03	0.0E+00	Macrophage	F13A1
GABARAP.3	0.0E+00	1.7E+00	9.8E-01	8.2E-01	0.0E+00	Macrophage	GABARAP
MARCKS.2	0.0E+00	1.7E+00	6.3E-01	1.9E-02	0.0E+00	Macrophage	MARCKS
GLUL.3	0.0E+00	1.7E+00	8.6E-01	2.6E-01	0.0E+00	Macrophage	GLUL
RNASE1	0.0E+00	1.7E+00	2.1E-01	2.0E-03	0.0E+00	Macrophage	RNASE1
S100A11.5	0.0E+00	1.7E+00	9.9E-01	8.5E-01	0.0E+00	Macrophage	S100A11
PLXDC2	0.0E+00	1.7E+00	7.0E-01	1.3E-02	0.0E+00	Macrophage	PLXDC2
TSPO.4	0.0E+00	1.7E+00	8.8E-01	5.4E-01	0.0E+00	Macrophage	TSPO
VAMP5.5	0.0E+00	1.6E+00	8.7E-01	4.1E-01	0.0E+00	Macrophage	VAMP5
SERPING1.1	0.0E+00	1.6E+00	5.9E-01	7.0E-03	0.0E+00	Macrophage	SERPING1
IER3	0.0E+00	1.6E+00	5.8E-01	3.9E-02	0.0E+00	Macrophage	IER3
ZNF385A	0.0E+00	1.6E+00	7.4E-01	2.1E-02	0.0E+00	Macrophage	ZNF385A
HLA-DMB.5	0.0E+00	1.6E+00	7.8E-01	1.4E-01	0.0E+00	Macrophage	HLA-DMB
CTSZ.4	0.0E+00	1.6E+00	8.1E-01	1.0E-01	0.0E+00	Macrophage	CTSZ
LILRB4.1	0.0E+00	1.6E+00	6.9E-01	1.3E-02	0.0E+00	Macrophage	LILRB4
ALDH2.1	0.0E+00	1.6E+00	6.8E-01	2.0E-02	0.0E+00	Macrophage	ALDH2
ODF3B.1	0.0E+00	1.6E+00	7.6E-01	2.0E-01	0.0E+00	Macrophage	ODF3B
LGALS1.3	0.0E+00	1.6E+00	9.6E-01	5.4E-01	0.0E+00	Macrophage	LGALS1
S100A6.2	0.0E+00	1.6E+00	9.9E-01	9.2E-01	0.0E+00	Macrophage	S100A6
LILRB3	0.0E+00	1.6E+00	6.8E-01	9.0E-03	0.0E+00	Macrophage	LILRB3
NAMPT.1	0.0E+00	1.6E+00	6.5E-01	1.2E-01	0.0E+00	Macrophage	NAMPT
MARCO	0.0E+00	1.6E+00	5.1E-01	2.0E-03	0.0E+00	Macrophage	MARCO
CD302.1	0.0E+00	1.6E+00	6.7E-01	1.4E-02	0.0E+00	Macrophage	CD302
CEBPD.4	0.0E+00	1.6E+00	7.0E-01	1.4E-01	0.0E+00	Macrophage	CEBPD
CD300E	0.0E+00	1.5E+00	5.7E-01	4.0E-03	0.0E+00	Macrophage	CD300E
CPVL	0.0E+00	1.5E+00	6.8E-01	1.8E-02	0.0E+00	Macrophage	CPVL
BLVRB	0.0E+00	1.5E+00	7.5E-01	1.1E-01	0.0E+00	Macrophage	BLVRB
LYN.4	0.0E+00	1.5E+00	7.5E-01	6.5E-02	0.0E+00	Macrophage	LYN
BCL2A1.3	0.0E+00	1.5E+00	7.1E-01	1.2E-01	0.0E+00	Macrophage	BCL2A1
CTSH.4	0.0E+00	1.5E+00	8.6E-01	2.4E-01	0.0E+00	Macrophage	CTSH
SLC16A3.2	0.0E+00	1.5E+00	7.9E-01	1.9E-01	0.0E+00	Macrophage	SLC16A3
CD63.3	0.0E+00	1.5E+00	9.1E-01	4.3E-01	0.0E+00	Macrophage	CD63
PLAUR.1	0.0E+00	1.5E+00	6.2E-01	2.9E-02	0.0E+00	Macrophage	PLAUR
LGALS2	0.0E+00	1.5E+00	5.6E-01	2.1E-02	0.0E+00	Macrophage	LGALS2
CD93	0.0E+00	1.5E+00	6.0E-01	1.3E-02	0.0E+00	Macrophage	CD93
TUBA1B.6	0.0E+00	1.5E+00	9.2E-01	5.8E-01	0.0E+00	Macrophage	TUBA1B
NEAT1.3	0.0E+00	1.5E+00	9.2E-01	5.1E-01	0.0E+00	Macrophage	NEAT1
SLC7A7.2	0.0E+00	1.5E+00	6.6E-01	1.2E-02	0.0E+00	Macrophage	SLC7A7
TLR2	0.0E+00	1.5E+00	6.4E-01	6.0E-03	0.0E+00	Macrophage	TLR2
CFP	0.0E+00	1.5E+00	6.3E-01	4.2E-02	0.0E+00	Macrophage	CFP
LGALS9.4	0.0E+00	1.5E+00	8.1E-01	1.7E-01	0.0E+00	Macrophage	LGALS9
SYK.4	0.0E+00	1.5E+00	7.3E-01	5.1E-02	0.0E+00	Macrophage	SYK

FCGR1B	0.0E+00	1.5E+00	6.1E-01	4.0E-03	0.0E+00	Macrophage	FCGR1B
LRR25.1	0.0E+00	1.4E+00	6.6E-01	1.0E-02	0.0E+00	Macrophage	LRR25
GSN.4	0.0E+00	1.4E+00	6.6E-01	5.8E-02	0.0E+00	Macrophage	GSN
CD86.2	0.0E+00	1.4E+00	6.6E-01	3.8E-02	0.0E+00	Macrophage	CD86
PLSCR1.4	0.0E+00	1.4E+00	7.9E-01	1.8E-01	0.0E+00	Macrophage	PLSCR1
DUSP6.1	0.0E+00	1.4E+00	6.3E-01	1.1E-01	0.0E+00	Macrophage	DUSP6
MEF2C.4	0.0E+00	1.4E+00	7.1E-01	4.9E-02	0.0E+00	Macrophage	MEF2C
RETN	0.0E+00	1.4E+00	2.9E-01	1.0E-03	0.0E+00	Macrophage	RETN
PYCARD.3	0.0E+00	1.4E+00	8.1E-01	3.6E-01	0.0E+00	Macrophage	PYCARD
RASSF4	0.0E+00	1.4E+00	6.2E-01	2.7E-02	0.0E+00	Macrophage	RASSF4
RAC1.1	0.0E+00	1.4E+00	9.0E-01	4.9E-01	0.0E+00	Macrophage	RAC1
ITGAM.2	0.0E+00	1.4E+00	6.7E-01	3.9E-02	0.0E+00	Macrophage	ITGAM
TMEM176A	0.0E+00	1.4E+00	4.5E-01	5.0E-03	0.0E+00	Macrophage	TMEM176A
IL4I1	0.0E+00	1.4E+00	4.9E-01	5.3E-02	0.0E+00	Macrophage	IL4I1
STXBP2.1	0.0E+00	1.4E+00	8.3E-01	3.3E-01	0.0E+00	Macrophage	STXBP2
STAB1	0.0E+00	1.3E+00	5.1E-01	2.0E-03	0.0E+00	Macrophage	STAB1
SLC25A37	0.0E+00	1.3E+00	5.1E-01	5.2E-02	0.0E+00	Macrophage	SLC25A37
CCDC88A.2	0.0E+00	1.3E+00	6.7E-01	4.9E-02	0.0E+00	Macrophage	CCDC88A
EGR1.1	0.0E+00	1.3E+00	5.5E-01	5.8E-02	0.0E+00	Macrophage	EGR1
LTA4H	0.0E+00	1.3E+00	7.1E-01	2.0E-01	0.0E+00	Macrophage	LTA4H
VAMP8.5	0.0E+00	1.3E+00	9.3E-01	6.5E-01	0.0E+00	Macrophage	VAMP8
ATP6V0C.2	0.0E+00	1.3E+00	9.0E-01	5.2E-01	0.0E+00	Macrophage	ATP6V0C
ANKRD22	0.0E+00	1.3E+00	4.5E-01	7.0E-03	0.0E+00	Macrophage	ANKRD22
HNMT	0.0E+00	1.3E+00	6.2E-01	7.0E-03	0.0E+00	Macrophage	HNMT
DSE.1	0.0E+00	1.3E+00	6.4E-01	5.7E-02	0.0E+00	Macrophage	DSE
PLBD1	0.0E+00	1.3E+00	5.7E-01	1.2E-02	0.0E+00	Macrophage	PLBD1
SIRPA	0.0E+00	1.3E+00	6.0E-01	1.0E-02	0.0E+00	Macrophage	SIRPA
CXCL16	0.0E+00	1.3E+00	5.6E-01	2.5E-02	0.0E+00	Macrophage	CXCL16
PGD.1	0.0E+00	1.3E+00	7.1E-01	1.5E-01	0.0E+00	Macrophage	PGD
LILRA2	0.0E+00	1.3E+00	5.7E-01	9.0E-03	0.0E+00	Macrophage	LILRA2
GRB2.3	0.0E+00	1.3E+00	8.7E-01	3.5E-01	0.0E+00	Macrophage	GRB2
HRH2.1	0.0E+00	1.3E+00	5.8E-01	3.4E-02	0.0E+00	Macrophage	HRH2
ASGR1	0.0E+00	1.3E+00	5.5E-01	4.0E-03	0.0E+00	Macrophage	ASGR1
TNFAIP2	0.0E+00	1.3E+00	5.0E-01	6.0E-03	0.0E+00	Macrophage	TNFAIP2
MYOF	0.0E+00	1.3E+00	5.3E-01	1.5E-02	0.0E+00	Macrophage	MYOF
CDKN1A.3	0.0E+00	1.3E+00	5.3E-01	5.5E-02	0.0E+00	Macrophage	CDKN1A
GK	0.0E+00	1.3E+00	6.0E-01	5.5E-02	0.0E+00	Macrophage	GK
CEBPB.2	0.0E+00	1.3E+00	7.2E-01	1.9E-01	0.0E+00	Macrophage	CEBPB
AP2S1	0.0E+00	1.3E+00	8.9E-01	4.2E-01	0.0E+00	Macrophage	AP2S1
PTAFR.1	0.0E+00	1.2E+00	5.9E-01	1.8E-02	0.0E+00	Macrophage	PTAFR
RBM47.1	0.0E+00	1.2E+00	5.7E-01	1.4E-02	0.0E+00	Macrophage	RBM47
AC020656.1	0.0E+00	1.2E+00	4.9E-01	7.0E-03	0.0E+00	Macrophage	AC020656.1
LAIR1.3	0.0E+00	1.2E+00	6.8E-01	1.3E-01	0.0E+00	Macrophage	LAIR1
PSTPIP2	0.0E+00	1.2E+00	6.4E-01	5.9E-02	0.0E+00	Macrophage	PSTPIP2
DMXL2.1	0.0E+00	1.2E+00	5.1E-01	5.0E-03	0.0E+00	Macrophage	DMXL2
EPB41L3	0.0E+00	1.2E+00	5.6E-01	6.0E-03	0.0E+00	Macrophage	EPB41L3

CCR1.2	0.0E+00	1.2E+00	6.1E-01	6.7E-02	0.0E+00	Macrophage	CCR1
PLEKHO1.3	0.0E+00	1.2E+00	7.5E-01	1.7E-01	0.0E+00	Macrophage	PLEKHO1
SNX10.2	0.0E+00	1.2E+00	7.1E-01	1.6E-01	0.0E+00	Macrophage	SNX10
SLC8A1	0.0E+00	1.2E+00	5.3E-01	1.3E-02	0.0E+00	Macrophage	SLC8A1
ADGRE2.1	0.0E+00	1.2E+00	5.1E-01	6.0E-03	0.0E+00	Macrophage	ADGRE2
ADM	0.0E+00	1.2E+00	3.3E-01	1.0E-03	0.0E+00	Macrophage	ADM
SCIMP.1	0.0E+00	1.2E+00	6.0E-01	3.5E-02	0.0E+00	Macrophage	SCIMP
IL17RA.2	0.0E+00	1.2E+00	7.7E-01	1.9E-01	0.0E+00	Macrophage	IL17RA
THEMIS2.2	0.0E+00	1.2E+00	6.7E-01	1.1E-01	0.0E+00	Macrophage	THEMIS2
ADAP2	0.0E+00	1.2E+00	5.2E-01	1.4E-02	0.0E+00	Macrophage	ADAP2
IL13RA1.2	0.0E+00	1.2E+00	5.3E-01	1.5E-02	0.0E+00	Macrophage	IL13RA1
PRAM1.1	0.0E+00	1.1E+00	5.2E-01	1.1E-02	0.0E+00	Macrophage	PRAM1
BRI3.1	0.0E+00	1.1E+00	6.3E-01	9.8E-02	0.0E+00	Macrophage	BRI3
TLR4	0.0E+00	1.1E+00	5.1E-01	3.0E-03	0.0E+00	Macrophage	TLR4
TIMP2.1	0.0E+00	1.1E+00	5.6E-01	1.5E-02	0.0E+00	Macrophage	TIMP2
KLF4	0.0E+00	1.1E+00	5.0E-01	1.3E-02	0.0E+00	Macrophage	KLF4
HSPA6	0.0E+00	1.1E+00	5.1E-01	9.0E-03	0.0E+00	Macrophage	HSPA6
MS4A7.1	0.0E+00	1.1E+00	4.3E-01	1.4E-02	0.0E+00	Macrophage	MS4A7
PLEK.6	0.0E+00	1.1E+00	6.9E-01	1.5E-01	0.0E+00	Macrophage	PLEK
PHC2	0.0E+00	1.1E+00	5.1E-01	5.0E-02	0.0E+00	Macrophage	PHC2
LY86.2	0.0E+00	1.1E+00	6.0E-01	3.9E-02	0.0E+00	Macrophage	LY86
SULF2.1	0.0E+00	1.1E+00	5.2E-01	2.2E-02	0.0E+00	Macrophage	SULF2
IRAK3	0.0E+00	1.1E+00	5.2E-01	9.0E-03	0.0E+00	Macrophage	IRAK3
PTTG1P.1	0.0E+00	1.1E+00	7.2E-01	1.8E-01	0.0E+00	Macrophage	PTTG1P
LRRK2.1	0.0E+00	1.1E+00	5.0E-01	2.1E-02	0.0E+00	Macrophage	LRRK2
HK2	0.0E+00	1.1E+00	4.3E-01	2.0E-02	0.0E+00	Macrophage	HK2
PIK3AP1.3	0.0E+00	1.1E+00	5.7E-01	4.8E-02	0.0E+00	Macrophage	PIK3AP1
RNASE6.5	0.0E+00	1.1E+00	5.8E-01	6.2E-02	0.0E+00	Macrophage	RNASE6
GNAI2	0.0E+00	1.1E+00	9.1E-01	4.5E-01	0.0E+00	Macrophage	GNAI2
BACH1	0.0E+00	1.1E+00	5.6E-01	7.3E-02	0.0E+00	Macrophage	BACH1
ATP6V1B2	0.0E+00	1.1E+00	6.8E-01	1.4E-01	0.0E+00	Macrophage	ATP6V1B2
CD36.1	0.0E+00	1.1E+00	4.0E-01	1.0E-03	0.0E+00	Macrophage	CD36
C5AR1	0.0E+00	1.1E+00	4.1E-01	0.0E+00	0.0E+00	Macrophage	C5AR1
MS4A4A	0.0E+00	1.1E+00	4.2E-01	5.0E-03	0.0E+00	Macrophage	MS4A4A
GNG10.3	0.0E+00	1.1E+00	7.6E-01	2.5E-01	0.0E+00	Macrophage	GNG10
PTPRE.4	0.0E+00	1.1E+00	7.2E-01	1.9E-01	0.0E+00	Macrophage	PTPRE
MRC1	0.0E+00	1.1E+00	3.7E-01	9.0E-03	0.0E+00	Macrophage	MRC1
C19orf38	0.0E+00	1.1E+00	5.4E-01	1.9E-02	0.0E+00	Macrophage	C19orf38
SLC31A2	0.0E+00	1.1E+00	5.2E-01	2.6E-02	0.0E+00	Macrophage	SLC31A2
FPR2	0.0E+00	1.1E+00	4.5E-01	1.0E-03	0.0E+00	Macrophage	FPR2
HK3	0.0E+00	1.1E+00	5.0E-01	2.0E-03	0.0E+00	Macrophage	HK3
RGS2	0.0E+00	1.1E+00	4.3E-01	7.9E-02	0.0E+00	Macrophage	RGS2
CD33	0.0E+00	1.1E+00	5.3E-01	1.8E-02	0.0E+00	Macrophage	CD33
ETS2	0.0E+00	1.1E+00	5.2E-01	4.2E-02	0.0E+00	Macrophage	ETS2
CLEC4A	0.0E+00	1.1E+00	5.2E-01	1.7E-02	0.0E+00	Macrophage	CLEC4A
EFHD2.1	0.0E+00	1.0E+00	7.8E-01	2.6E-01	0.0E+00	Macrophage	EFHD2

LTBR	0.0E+00	1.0E+00	5.1E-01	1.0E-02	0.0E+00	Macrophage	LTBR
GNS	0.0E+00	1.0E+00	6.3E-01	7.8E-02	0.0E+00	Macrophage	GNS
TBXAS1.1	0.0E+00	1.0E+00	6.7E-01	1.1E-01	0.0E+00	Macrophage	TBXAS1
FLOT1.1	0.0E+00	1.0E+00	7.3E-01	1.9E-01	0.0E+00	Macrophage	FLOT1
CDA	0.0E+00	1.0E+00	4.0E-01	2.0E-03	0.0E+00	Macrophage	CDA
AL034397.3.2	0.0E+00	1.0E+00	4.7E-01	3.8E-02	0.0E+00	Macrophage	AL034397.3
ADA2.1	0.0E+00	1.0E+00	7.5E-01	2.1E-01	0.0E+00	Macrophage	ADA2
EMILIN2	0.0E+00	1.0E+00	5.6E-01	4.0E-02	0.0E+00	Macrophage	EMILIN2
SDCBP.2	0.0E+00	1.0E+00	8.0E-01	2.8E-01	0.0E+00	Macrophage	SDCBP
OAZ1.5	0.0E+00	1.0E+00	9.9E-01	9.4E-01	0.0E+00	Macrophage	OAZ1
RNASE2	0.0E+00	1.0E+00	4.0E-01	1.0E-03	0.0E+00	Macrophage	RNASE2
NAGK.2	0.0E+00	1.0E+00	6.9E-01	1.4E-01	0.0E+00	Macrophage	NAGK
KIAA0930.1	0.0E+00	1.0E+00	5.5E-01	4.6E-02	0.0E+00	Macrophage	KIAA0930
IFIT3	0.0E+00	1.0E+00	4.1E-01	4.1E-02	0.0E+00	Macrophage	IFIT3
PEA15.2	0.0E+00	1.0E+00	6.0E-01	1.1E-01	0.0E+00	Macrophage	PEA15
TREM1	0.0E+00	1.0E+00	3.8E-01	1.0E-03	0.0E+00	Macrophage	TREM1
PAK1.2	0.0E+00	1.0E+00	5.9E-01	7.7E-02	0.0E+00	Macrophage	PAK1
SCO2	0.0E+00	1.0E+00	5.6E-01	1.0E-01	0.0E+00	Macrophage	SCO2
GNG5.1	4.3E-306	1.1E+00	9.3E-01	6.0E-01	6.7E-302	Macrophage	GNG5
BNIP3L	7.3E-302	1.2E+00	8.5E-01	4.0E-01	1.1E-297	Macrophage	BNIP3L
TPI1.3	1.3E-301	1.0E+00	9.7E-01	8.1E-01	1.9E-297	Macrophage	TPI1
WSB1.2	3.8E-296	1.2E+00	8.7E-01	4.4E-01	5.9E-292	Macrophage	WSB1
SRGN.3	6.0E-291	1.1E+00	9.8E-01	8.6E-01	9.4E-287	Macrophage	SRGN
NCF1.5	5.2E-287	1.4E+00	8.1E-01	3.6E-01	8.2E-283	Macrophage	NCF1
GSTP1.5	7.0E-282	1.1E+00	9.1E-01	5.7E-01	1.1E-277	Macrophage	GSTP1
IFI6.3	1.9E-280	1.2E+00	7.6E-01	3.0E-01	3.0E-276	Macrophage	IFI6
S100A10.4	6.8E-273	1.2E+00	9.8E-01	8.0E-01	1.1E-268	Macrophage	S100A10
DUSP1.3	3.0E-247	1.1E+00	7.7E-01	3.4E-01	4.7E-243	Macrophage	DUSP1
TUBA1A.4	8.4E-244	1.4E+00	8.3E-01	4.5E-01	1.3E-239	Macrophage	TUBA1A
ANXA2.4	2.2E-236	1.0E+00	9.1E-01	5.8E-01	3.4E-232	Macrophage	ANXA2
GBP1.4	3.5E-210	1.0E+00	7.4E-01	3.2E-01	5.4E-206	Macrophage	GBP1
RNASET2.5	3.3E-199	1.0E+00	8.5E-01	5.1E-01	5.2E-195	Macrophage	RNASET2
IFI27	1.5E-106	1.2E+00	1.3E-01	2.5E-02	2.3E-102	Macrophage	IFI27
MT2A.4	5.7E-91	1.6E+00	8.5E-01	6.6E-01	9.0E-87	Macrophage	MT2A
CST3.4	0.0E+00	5.8E+00	9.4E-01	7.0E-02	0.0E+00	cDC	CST3
HLA-DQA1.6	0.0E+00	4.2E+00	9.9E-01	2.5E-01	0.0E+00	cDC	HLA-DQA1
HLA-DRA.6	0.0E+00	4.2E+00	1.0E+00	4.2E-01	0.0E+00	cDC	HLA-DRA
HLA-DPB1.7	0.0E+00	4.1E+00	1.0E+00	6.2E-01	0.0E+00	cDC	HLA-DPB1
HLA-DQB1.5	0.0E+00	4.0E+00	9.9E-01	3.4E-01	0.0E+00	cDC	HLA-DQB1
HLA-DPA1.8	0.0E+00	4.0E+00	1.0E+00	6.3E-01	0.0E+00	cDC	HLA-DPA1
HLA-DRB1.7	0.0E+00	3.7E+00	1.0E+00	5.8E-01	0.0E+00	cDC	HLA-DRB1
CD74.7	0.0E+00	3.6E+00	1.0E+00	9.3E-01	0.0E+00	cDC	CD74
S100B.3	0.0E+00	3.3E+00	5.2E-01	5.5E-02	0.0E+00	cDC	S100B
CPVL.1	0.0E+00	3.2E+00	6.8E-01	2.6E-02	0.0E+00	cDC	CPVL
IFI30.7	0.0E+00	3.2E+00	9.3E-01	1.4E-01	0.0E+00	cDC	IFI30
MS4A6A.2	0.0E+00	3.2E+00	7.3E-01	4.4E-02	0.0E+00	cDC	MS4A6A

IFITM3.7	0.0E+00	2.9E+00	7.1E-01	1.6E-01	0.0E+00	cDC	IFITM3
HLA-DRB5.4	0.0E+00	2.9E+00	8.9E-01	1.9E-01	0.0E+00	cDC	HLA-DRB5
SPI1.4	0.0E+00	2.8E+00	8.7E-01	5.6E-02	0.0E+00	cDC	SPI1
CD1C.2	0.0E+00	2.8E+00	4.6E-01	1.5E-02	0.0E+00	cDC	CD1C
LGALS2.1	0.0E+00	2.8E+00	7.2E-01	2.4E-02	0.0E+00	cDC	LGALS2
LYZ.2	0.0E+00	2.7E+00	8.7E-01	4.9E-02	0.0E+00	cDC	LYZ
GSN.5	0.0E+00	2.6E+00	8.4E-01	6.2E-02	0.0E+00	cDC	GSN
HLA-DMA.4	0.0E+00	2.6E+00	9.3E-01	2.7E-01	0.0E+00	cDC	HLA-DMA
CLEC10A.1	0.0E+00	2.6E+00	4.7E-01	2.0E-02	0.0E+00	cDC	CLEC10A
AIF1.4	0.0E+00	2.5E+00	8.5E-01	1.1E-01	0.0E+00	cDC	AIF1
FCER1A.2	0.0E+00	2.4E+00	4.4E-01	5.0E-03	0.0E+00	cDC	FCER1A
LST1.6	0.0E+00	2.3E+00	8.0E-01	1.6E-01	0.0E+00	cDC	LST1
C1orf54	0.0E+00	2.3E+00	4.6E-01	2.2E-02	0.0E+00	cDC	C1orf54
C15orf48.1	0.0E+00	2.3E+00	6.0E-01	2.2E-02	0.0E+00	cDC	C15orf48
IRF8.3	0.0E+00	2.2E+00	4.5E-01	4.6E-02	0.0E+00	cDC	IRF8
FGL2.3	0.0E+00	2.2E+00	8.1E-01	7.4E-02	0.0E+00	cDC	FGL2
GRN.7	0.0E+00	2.2E+00	8.8E-01	1.9E-01	0.0E+00	cDC	GRN
HLA-DMB.6	0.0E+00	2.2E+00	8.7E-01	1.5E-01	0.0E+00	cDC	HLA-DMB
GSTP1.6	0.0E+00	2.1E+00	9.3E-01	5.8E-01	0.0E+00	cDC	GSTP1
FOS.4	0.0E+00	2.1E+00	8.7E-01	1.9E-01	0.0E+00	cDC	FOS
FCER1G.8	0.0E+00	2.0E+00	7.2E-01	9.2E-02	0.0E+00	cDC	FCER1G
IDO1	0.0E+00	2.0E+00	5.2E-01	5.0E-03	0.0E+00	cDC	IDO1
CD1E	0.0E+00	2.0E+00	3.8E-01	2.0E-03	0.0E+00	cDC	CD1E
CXCL16.1	0.0E+00	1.9E+00	6.3E-01	3.0E-02	0.0E+00	cDC	CXCL16
RNASE6.6	0.0E+00	1.9E+00	7.1E-01	6.5E-02	0.0E+00	cDC	RNASE6
FCGR2B.3	0.0E+00	1.9E+00	4.4E-01	4.8E-02	0.0E+00	cDC	FCGR2B
TYROBP.6	0.0E+00	1.8E+00	7.1E-01	1.1E-01	0.0E+00	cDC	TYROBP
ATF5.7	0.0E+00	1.8E+00	6.7E-01	1.1E-01	0.0E+00	cDC	ATF5
NPC2.5	0.0E+00	1.8E+00	8.6E-01	2.9E-01	0.0E+00	cDC	NPC2
PAK1.3	0.0E+00	1.8E+00	7.8E-01	7.9E-02	0.0E+00	cDC	PAK1
CDKN1A.4	0.0E+00	1.8E+00	4.6E-01	6.3E-02	0.0E+00	cDC	CDKN1A
HCK.3	0.0E+00	1.8E+00	7.9E-01	4.3E-02	0.0E+00	cDC	HCK
CCND1	0.0E+00	1.7E+00	4.8E-01	8.0E-03	0.0E+00	cDC	CCND1
CCDC88A.3	0.0E+00	1.7E+00	7.8E-01	5.4E-02	0.0E+00	cDC	CCDC88A
RAB31.4	0.0E+00	1.7E+00	7.4E-01	5.0E-02	0.0E+00	cDC	RAB31
IGSF6.1	0.0E+00	1.7E+00	4.7E-01	2.9E-02	0.0E+00	cDC	IGSF6
WDFY4.2	0.0E+00	1.7E+00	4.9E-01	2.2E-02	0.0E+00	cDC	WDFY4
NET1.1	0.0E+00	1.7E+00	5.9E-01	2.5E-02	0.0E+00	cDC	NET1
MNDA.1	0.0E+00	1.7E+00	7.2E-01	4.0E-02	0.0E+00	cDC	MNDA
MPEG1.3	0.0E+00	1.7E+00	5.3E-01	4.2E-02	0.0E+00	cDC	MPEG1
MARCH1.4	0.0E+00	1.7E+00	7.4E-01	5.0E-02	0.0E+00	cDC	MARCH1
C1orf162.7	0.0E+00	1.7E+00	7.8E-01	1.6E-01	0.0E+00	cDC	C1orf162
CSF2RA.2	0.0E+00	1.7E+00	6.9E-01	1.6E-02	0.0E+00	cDC	CSF2RA
CLEC9A	0.0E+00	1.7E+00	3.0E-01	1.0E-03	0.0E+00	cDC	CLEC9A
SPINT2.5	0.0E+00	1.6E+00	7.5E-01	1.2E-01	0.0E+00	cDC	SPINT2
LY86.3	0.0E+00	1.6E+00	7.4E-01	4.2E-02	0.0E+00	cDC	LY86

CD86.3	0.0E+00	1.6E+00	6.9E-01	4.6E-02	0.0E+00	cDC	CD86
CIITA.4	0.0E+00	1.6E+00	7.6E-01	5.5E-02	0.0E+00	cDC	CIITA
WARS.3	0.0E+00	1.6E+00	7.5E-01	1.7E-01	0.0E+00	cDC	WARS
CLEC7A.1	0.0E+00	1.6E+00	7.0E-01	4.1E-02	0.0E+00	cDC	CLEC7A
FCGRT.5	0.0E+00	1.5E+00	7.4E-01	9.0E-02	0.0E+00	cDC	FCGRT
BASP1.3	0.0E+00	1.5E+00	6.7E-01	3.0E-02	0.0E+00	cDC	BASP1
HLA-DQA2.2	0.0E+00	1.5E+00	6.3E-01	3.2E-02	0.0E+00	cDC	HLA-DQA2
HLA-DQB2.2	0.0E+00	1.5E+00	5.4E-01	2.0E-02	0.0E+00	cDC	HLA-DQB2
ALDH2.2	0.0E+00	1.5E+00	6.1E-01	3.0E-02	0.0E+00	cDC	ALDH2
ZNF385A.1	0.0E+00	1.5E+00	7.1E-01	3.1E-02	0.0E+00	cDC	ZNF385A
ITGAX.2	0.0E+00	1.5E+00	6.8E-01	4.0E-02	0.0E+00	cDC	ITGAX
LGALS9.5	0.0E+00	1.5E+00	8.1E-01	1.8E-01	0.0E+00	cDC	LGALS9
VMO1	0.0E+00	1.5E+00	3.5E-01	3.0E-03	0.0E+00	cDC	VMO1
CTSZ.5	0.0E+00	1.4E+00	7.5E-01	1.1E-01	0.0E+00	cDC	CTSZ
PTPRE.5	0.0E+00	1.4E+00	7.2E-01	2.0E-01	0.0E+00	cDC	PTPRE
SHTN1.2	0.0E+00	1.4E+00	5.9E-01	2.0E-02	0.0E+00	cDC	SHTN1
MEF2C.5	0.0E+00	1.4E+00	6.4E-01	5.9E-02	0.0E+00	cDC	MEF2C
LAP3.4	0.0E+00	1.4E+00	8.0E-01	2.6E-01	0.0E+00	cDC	LAP3
CALHM6.5	0.0E+00	1.4E+00	6.4E-01	8.4E-02	0.0E+00	cDC	CALHM6
CD68.4	0.0E+00	1.4E+00	7.0E-01	6.4E-02	0.0E+00	cDC	CD68
HLA-DOA.3	0.0E+00	1.4E+00	7.1E-01	3.7E-02	0.0E+00	cDC	HLA-DOA
PLD4.2	0.0E+00	1.4E+00	4.5E-01	2.2E-02	0.0E+00	cDC	PLD4
GCA.5	0.0E+00	1.4E+00	7.2E-01	9.4E-02	0.0E+00	cDC	GCA
IL18.1	0.0E+00	1.4E+00	5.9E-01	2.2E-02	0.0E+00	cDC	IL18
SERPINA1.1	0.0E+00	1.3E+00	4.5E-01	3.8E-02	0.0E+00	cDC	SERPINA1
XCR1	0.0E+00	1.3E+00	2.8E-01	0.0E+00	0.0E+00	cDC	XCR1
MRC1.1	0.0E+00	1.3E+00	3.1E-01	1.5E-02	0.0E+00	cDC	MRC1
RAB32.1	0.0E+00	1.3E+00	4.8E-01	1.9E-02	0.0E+00	cDC	RAB32
P2RY6.2	0.0E+00	1.3E+00	6.2E-01	1.3E-02	0.0E+00	cDC	P2RY6
CD72.2	0.0E+00	1.3E+00	6.0E-01	3.5E-02	0.0E+00	cDC	CD72
PLSCR1.5	0.0E+00	1.3E+00	7.2E-01	1.9E-01	0.0E+00	cDC	PLSCR1
DNASE1L3.1	0.0E+00	1.3E+00	2.3E-01	1.0E-03	0.0E+00	cDC	DNASE1L3
PLEK.7	0.0E+00	1.2E+00	7.7E-01	1.5E-01	0.0E+00	cDC	PLEK
SLC8A1.1	0.0E+00	1.2E+00	5.2E-01	2.0E-02	0.0E+00	cDC	SLC8A1
SCIMP.2	0.0E+00	1.2E+00	6.2E-01	4.1E-02	0.0E+00	cDC	SCIMP
PPP1R14A.2	0.0E+00	1.2E+00	3.1E-01	9.0E-03	0.0E+00	cDC	PPP1R14A
RASSF4.1	0.0E+00	1.2E+00	4.9E-01	3.7E-02	0.0E+00	cDC	RASSF4
SLAMF8.1	0.0E+00	1.2E+00	5.7E-01	3.9E-02	0.0E+00	cDC	SLAMF8
DSE.2	0.0E+00	1.2E+00	6.3E-01	6.4E-02	0.0E+00	cDC	DSE
GPAT3.1	0.0E+00	1.2E+00	5.4E-01	2.0E-02	0.0E+00	cDC	GPAT3
CLEC4A.1	0.0E+00	1.2E+00	4.9E-01	2.5E-02	0.0E+00	cDC	CLEC4A
CSF1R.2	0.0E+00	1.2E+00	4.2E-01	3.0E-02	0.0E+00	cDC	CSF1R
PRCP.2	0.0E+00	1.2E+00	7.2E-01	1.3E-01	0.0E+00	cDC	PRCP
CD83.1	0.0E+00	1.2E+00	3.8E-01	3.6E-02	0.0E+00	cDC	CD83
LYN.5	0.0E+00	1.2E+00	6.2E-01	7.7E-02	0.0E+00	cDC	LYN
EGLN3.1	0.0E+00	1.2E+00	4.4E-01	1.7E-02	0.0E+00	cDC	EGLN3

SULF2.2	0.0E+00	1.1E+00	6.2E-01	2.6E-02	0.0E+00	cDC	SULF2
KLF4.1	0.0E+00	1.1E+00	5.0E-01	1.9E-02	0.0E+00	cDC	KLF4
CFP.1	0.0E+00	1.1E+00	4.7E-01	5.3E-02	0.0E+00	cDC	CFP
CD33.1	0.0E+00	1.1E+00	5.6E-01	2.4E-02	0.0E+00	cDC	CD33
SMCO4.4	0.0E+00	1.1E+00	6.9E-01	1.2E-01	0.0E+00	cDC	SMCO4
FBP1.1	0.0E+00	1.1E+00	4.4E-01	3.6E-02	0.0E+00	cDC	FBP1
RNF130.3	0.0E+00	1.1E+00	4.4E-01	7.6E-02	0.0E+00	cDC	RNF130
FGD2.3	0.0E+00	1.1E+00	6.1E-01	4.1E-02	0.0E+00	cDC	FGD2
ASAP1.1	0.0E+00	1.1E+00	5.8E-01	7.4E-02	0.0E+00	cDC	ASAP1
SERPINF1.1	0.0E+00	1.1E+00	4.5E-01	8.0E-03	0.0E+00	cDC	SERPINF1
ETV6.5	0.0E+00	1.1E+00	6.4E-01	1.4E-01	0.0E+00	cDC	ETV6
KCNK6.1	0.0E+00	1.1E+00	6.0E-01	7.7E-02	0.0E+00	cDC	KCNK6
LILRB4.2	0.0E+00	1.1E+00	4.0E-01	2.9E-02	0.0E+00	cDC	LILRB4
FLT3.1	0.0E+00	1.1E+00	4.5E-01	5.0E-03	0.0E+00	cDC	FLT3
TNFSF13B.6	0.0E+00	1.1E+00	6.7E-01	1.3E-01	0.0E+00	cDC	TNFSF13B
AHR.2	0.0E+00	1.0E+00	6.1E-01	1.2E-01	0.0E+00	cDC	AHR
C1QA.1	0.0E+00	1.0E+00	2.6E-01	1.6E-02	0.0E+00	cDC	C1QA
CLIC2	0.0E+00	1.0E+00	5.4E-01	6.0E-03	0.0E+00	cDC	CLIC2
ETS2.1	0.0E+00	1.0E+00	4.1E-01	5.0E-02	0.0E+00	cDC	ETS2
PKIB	0.0E+00	1.0E+00	3.6E-01	5.0E-03	0.0E+00	cDC	PKIB
PTMS.4	5.1E-273	1.0E+00	5.7E-01	1.3E-01	8.0E-269	cDC	PTMS
AP1S2.5	7.0E-269	1.1E+00	7.1E-01	2.0E-01	1.1E-264	cDC	AP1S2
CTSH.5	2.8E-261	1.2E+00	7.7E-01	2.5E-01	4.3E-257	cDC	CTSH
SAMHD1.6	3.6E-248	1.4E+00	8.7E-01	4.7E-01	5.6E-244	cDC	SAMHD1
TUBA1B.7	6.0E-245	1.7E+00	9.1E-01	5.8E-01	9.4E-241	cDC	TUBA1B
PPT1.2	4.0E-244	1.5E+00	7.5E-01	2.8E-01	6.2E-240	cDC	PPT1
LSP1.2	4.3E-224	1.1E+00	9.7E-01	8.9E-01	6.6E-220	cDC	LSP1
GABARAP.4	1.0E-223	1.0E+00	9.4E-01	8.2E-01	1.6E-219	cDC	GABARAP
PSAP.5	2.5E-211	1.3E+00	8.7E-01	5.1E-01	3.8E-207	cDC	PSAP
NAAA.1	5.4E-209	1.4E+00	6.1E-01	1.9E-01	8.5E-205	cDC	NAAA
SAT1.6	8.1E-200	1.1E+00	9.1E-01	5.9E-01	1.3E-195	cDC	SAT1
TYMP.6	2.1E-190	1.1E+00	7.2E-01	2.8E-01	3.3E-186	cDC	TYMP
RNH1.1	4.4E-185	1.1E+00	8.3E-01	4.2E-01	6.9E-181	cDC	RNH1
TUBA1A.5	7.6E-181	1.4E+00	8.4E-01	4.5E-01	1.2E-176	cDC	TUBA1A
C20orf27.1	9.3E-175	1.0E+00	5.2E-01	1.6E-01	1.5E-170	cDC	C20orf27
JAML.5	3.5E-167	1.3E+00	6.8E-01	2.9E-01	5.5E-163	cDC	JAML
SYNGR2.5	6.7E-165	1.4E+00	7.6E-01	3.8E-01	1.0E-160	cDC	SYNGR2
PPA1.2	1.3E-151	1.2E+00	7.8E-01	4.0E-01	2.0E-147	cDC	PPA1
AREG	1.0E-102	1.4E+00	1.6E-01	3.0E-02	1.6E-98	cDC	AREG
SNX3.5	1.2E-94	1.7E+00	7.3E-01	4.5E-01	1.8E-90	cDC	SNX3
FTH1.6	6.3E-91	1.1E+00	9.9E-01	9.2E-01	9.8E-87	cDC	FTH1
CPNE3.2	2.6E-88	1.1E+00	5.6E-01	2.7E-01	4.0E-84	cDC	CPNE3
COTL1.6	1.6E-72	1.0E+00	9.3E-01	7.1E-01	2.6E-68	cDC	COTL1
GNLY.8	0.0E+00	4.0E+00	7.1E-01	1.3E-01	0.0E+00	NK	GNLY
XCL1.8	0.0E+00	3.4E+00	8.2E-01	6.6E-02	0.0E+00	NK	XCL1
NKG7.7	0.0E+00	3.2E+00	9.7E-01	3.8E-01	0.0E+00	NK	NKG7

TYROBP.7	0.0E+00	3.2E+00	9.8E-01	8.4E-02	0.0E+00	NK	TYROBP
XCL2.1	0.0E+00	3.1E+00	7.3E-01	5.6E-02	0.0E+00	NK	XCL2
KLRC1	0.0E+00	3.1E+00	7.0E-01	2.0E-02	0.0E+00	NK	KLRC1
TRDC.2	0.0E+00	3.1E+00	7.6E-01	2.8E-02	0.0E+00	NK	TRDC
KLRD1.7	0.0E+00	3.1E+00	9.0E-01	1.0E-01	0.0E+00	NK	KLRD1
FCER1G.9	0.0E+00	2.8E+00	9.0E-01	6.8E-02	0.0E+00	NK	FCER1G
IL2RB.6	0.0E+00	2.7E+00	9.0E-01	3.5E-01	0.0E+00	NK	IL2RB
CTSW.9	0.0E+00	2.6E+00	9.4E-01	3.8E-01	0.0E+00	NK	CTSW
CLIC3.8	0.0E+00	2.6E+00	6.6E-01	1.3E-01	0.0E+00	NK	CLIC3
CMC1.6	0.0E+00	2.5E+00	7.4E-01	2.6E-01	0.0E+00	NK	CMC1
SH2D1B	0.0E+00	2.2E+00	5.7E-01	1.0E-03	0.0E+00	NK	SH2D1B
KLRC2.1	0.0E+00	2.1E+00	4.5E-01	3.2E-02	0.0E+00	NK	KLRC2
KLRF1	0.0E+00	2.1E+00	4.8E-01	4.0E-03	0.0E+00	NK	KLRF1
KLRC3.2	0.0E+00	2.0E+00	5.0E-01	3.5E-02	0.0E+00	NK	KLRC3
CD7.7	0.0E+00	2.0E+00	9.1E-01	5.5E-01	0.0E+00	NK	CD7
MATK.9	0.0E+00	1.9E+00	7.1E-01	2.0E-01	0.0E+00	NK	MATK
HOPX.8	0.0E+00	1.8E+00	7.7E-01	3.2E-01	0.0E+00	NK	HOPX
KLRK1.8	0.0E+00	1.8E+00	7.8E-01	2.1E-01	0.0E+00	NK	KLRK1
PRF1.8	0.0E+00	1.8E+00	8.1E-01	3.7E-01	0.0E+00	NK	PRF1
GZMB.7	0.0E+00	1.7E+00	4.2E-01	1.1E-01	0.0E+00	NK	GZMB
KRT86	0.0E+00	1.7E+00	3.2E-01	6.0E-03	0.0E+00	NK	KRT86
CCL3	0.0E+00	1.7E+00	2.8E-01	3.7E-02	0.0E+00	NK	CCL3
TMIGD2.1	0.0E+00	1.7E+00	4.8E-01	7.0E-02	0.0E+00	NK	TMIGD2
IGFBP2	0.0E+00	1.7E+00	3.0E-01	1.3E-02	0.0E+00	NK	IGFBP2
FGR.3	0.0E+00	1.6E+00	4.9E-01	6.6E-02	0.0E+00	NK	FGR
CD160	0.0E+00	1.6E+00	3.1E-01	1.3E-02	0.0E+00	NK	CD160
TXK.1	0.0E+00	1.6E+00	5.0E-01	7.6E-02	0.0E+00	NK	TXK
KIR2DL4	0.0E+00	1.5E+00	2.9E-01	2.0E-03	0.0E+00	NK	KIR2DL4
CD63.4	0.0E+00	1.5E+00	7.8E-01	4.3E-01	0.0E+00	NK	CD63
LAT2.5	0.0E+00	1.4E+00	4.2E-01	8.3E-02	0.0E+00	NK	LAT2
NCR1	0.0E+00	1.3E+00	3.4E-01	5.0E-03	0.0E+00	NK	NCR1
PTGDR.2	0.0E+00	1.3E+00	3.8E-01	6.3E-02	0.0E+00	NK	PTGDR
IFITM3.8	0.0E+00	1.3E+00	6.3E-01	1.6E-01	0.0E+00	NK	IFITM3
EOMES.7	0.0E+00	1.3E+00	4.6E-01	1.3E-01	0.0E+00	NK	EOMES
AOAH.7	0.0E+00	1.2E+00	5.0E-01	1.7E-01	0.0E+00	NK	AOAH
NCAM1	0.0E+00	1.2E+00	2.6E-01	3.0E-03	0.0E+00	NK	NCAM1
SRGN.4	0.0E+00	1.2E+00	9.7E-01	8.6E-01	0.0E+00	NK	SRGN
KRT81	0.0E+00	1.2E+00	2.3E-01	2.0E-03	0.0E+00	NK	KRT81
IFITM2.5	0.0E+00	1.2E+00	9.9E-01	9.1E-01	0.0E+00	NK	IFITM2
MCTP2	0.0E+00	1.2E+00	3.5E-01	6.1E-02	0.0E+00	NK	MCTP2
IFITM1.6	0.0E+00	1.2E+00	9.9E-01	9.4E-01	0.0E+00	NK	IFITM1
CST7.7	0.0E+00	1.1E+00	9.1E-01	6.3E-01	0.0E+00	NK	CST7
CXXC5.3	0.0E+00	1.1E+00	3.1E-01	3.7E-02	0.0E+00	NK	CXXC5
CAPN12	0.0E+00	1.1E+00	3.5E-01	8.4E-02	0.0E+00	NK	CAPN12
GSTP1.7	1.3E-306	1.3E+00	8.3E-01	5.7E-01	2.0E-302	NK	GSTP1
KLRB1.8	1.4E-294	1.2E+00	8.1E-01	4.1E-01	2.2E-290	NK	KLRB1

FASLG.7	2.2E-275	1.1E+00	3.4E-01	9.1E-02	3.4E-271	NK	FASLG
CD38.3	2.5E-273	1.3E+00	4.6E-01	1.6E-01	3.9E-269	NK	CD38
APMAP.4	2.5E-270	1.3E+00	5.8E-01	2.7E-01	4.0E-266	NK	APMAP
AREG.1	2.8E-263	1.2E+00	1.8E-01	2.6E-02	4.3E-259	NK	AREG
KLRC4.3	1.7E-238	1.0E+00	3.0E-01	7.5E-02	2.6E-234	NK	KLRC4
CCL4.8	4.0E-235	1.4E+00	5.4E-01	2.3E-01	6.2E-231	NK	CCL4
STARD3NL.2	2.7E-224	1.2E+00	4.0E-01	1.4E-01	4.2E-220	NK	STARD3NL
CHST12.7	2.6E-202	1.1E+00	5.3E-01	2.6E-01	4.0E-198	NK	CHST12
FCGR3A.1	4.8E-184	1.1E+00	1.9E-01	4.0E-02	7.6E-180	NK	FCGR3A
CCL5.9	5.6E-181	1.3E+00	8.1E-01	6.5E-01	8.8E-177	NK	CCL5
ID2.4	2.6E-176	1.1E+00	6.6E-01	4.1E-01	4.0E-172	NK	ID2
CD300A.8	4.0E-171	1.1E+00	3.4E-01	1.3E-01	6.3E-167	NK	CD300A
APOBEC3G.8	1.2E-146	1.0E+00	6.4E-01	4.4E-01	1.9E-142	NK	APOBEC3G
MAPK1.2	5.7E-142	1.0E+00	3.9E-01	1.8E-01	8.9E-138	NK	MAPK1
ITM2C.7	4.3E-129	1.4E+00	4.2E-01	2.1E-01	6.6E-125	NK	ITM2C
CCL4L2.4	3.9E-128	1.2E+00	2.6E-01	8.9E-02	6.0E-124	NK	CCL4L2
STMN1.4	0.0E+00	4.0E+00	9.7E-01	1.3E-01	0.0E+00	Proliferating	STMN1
TUBA1B.9	0.0E+00	3.2E+00	9.8E-01	5.9E-01	0.0E+00	Proliferating	TUBA1B
TYMS.1	0.0E+00	2.9E+00	8.2E-01	1.1E-02	0.0E+00	Proliferating	TYMS
RRM2.1	0.0E+00	2.7E+00	6.6E-01	3.0E-03	0.0E+00	Proliferating	RRM2
PCLAF.1	0.0E+00	2.6E+00	8.4E-01	1.8E-02	0.0E+00	Proliferating	PCLAF
HMGN2.1	0.0E+00	2.6E+00	9.8E-01	6.3E-01	0.0E+00	Proliferating	HMGN2
HMGB2.6	0.0E+00	2.6E+00	9.8E-01	5.0E-01	0.0E+00	Proliferating	HMGB2
MKI67.1	0.0E+00	2.5E+00	7.6E-01	1.5E-02	0.0E+00	Proliferating	MKI67
HIST1H2AI	0.0E+00	2.4E+00	4.7E-01	2.6E-02	0.0E+00	Proliferating	HIST1H2AI
UBE2C	0.0E+00	2.4E+00	5.7E-01	3.0E-03	0.0E+00	Proliferating	UBE2C
TOP2A	0.0E+00	2.2E+00	6.7E-01	1.8E-02	0.0E+00	Proliferating	TOP2A
NUSAP1	0.0E+00	2.2E+00	6.7E-01	3.0E-02	0.0E+00	Proliferating	NUSAP1
HIST1H2AJ	0.0E+00	2.2E+00	4.4E-01	1.2E-02	0.0E+00	Proliferating	HIST1H2AJ
HIST1H1B.1	0.0E+00	2.0E+00	4.8E-01	1.2E-02	0.0E+00	Proliferating	HIST1H1B
CENPF	0.0E+00	2.0E+00	6.6E-01	3.0E-02	0.0E+00	Proliferating	CENPF
PTTG1.5	0.0E+00	1.9E+00	8.3E-01	2.1E-01	0.0E+00	Proliferating	PTTG1
HIST1H3B	0.0E+00	1.9E+00	4.4E-01	2.0E-03	0.0E+00	Proliferating	HIST1H3B
CDK1	0.0E+00	1.8E+00	6.2E-01	1.0E-02	0.0E+00	Proliferating	CDK1
TK1.1	0.0E+00	1.8E+00	6.3E-01	1.4E-02	0.0E+00	Proliferating	TK1
H2AFX.1	0.0E+00	1.7E+00	6.9E-01	1.5E-01	0.0E+00	Proliferating	H2AFX
BIRC5.1	0.0E+00	1.7E+00	6.0E-01	3.0E-03	0.0E+00	Proliferating	BIRC5
ASPM	0.0E+00	1.7E+00	5.3E-01	8.0E-03	0.0E+00	Proliferating	ASPM
CKS2.1	0.0E+00	1.7E+00	7.0E-01	1.4E-01	0.0E+00	Proliferating	CKS2
PCNA	0.0E+00	1.7E+00	7.2E-01	1.2E-01	0.0E+00	Proliferating	PCNA
CKS1B	0.0E+00	1.7E+00	7.0E-01	9.1E-02	0.0E+00	Proliferating	CKS1B
MCM7.1	0.0E+00	1.6E+00	7.1E-01	9.2E-02	0.0E+00	Proliferating	MCM7
CENPM	0.0E+00	1.6E+00	7.0E-01	4.0E-02	0.0E+00	Proliferating	CENPM
HIST1H2AM	0.0E+00	1.6E+00	5.0E-01	8.2E-02	0.0E+00	Proliferating	HIST1H2AM
ZWINT	0.0E+00	1.6E+00	7.0E-01	1.3E-02	0.0E+00	Proliferating	ZWINT
CDKN3.1	0.0E+00	1.6E+00	5.9E-01	1.8E-02	0.0E+00	Proliferating	CDKN3

HIST1H3C	0.0E+00	1.5E+00	3.7E-01	4.0E-03	0.0E+00	Proliferating	HIST1H3C
ASF1B	0.0E+00	1.5E+00	6.0E-01	1.0E-02	0.0E+00	Proliferating	ASF1B
CCNA2	0.0E+00	1.5E+00	5.3E-01	5.0E-03	0.0E+00	Proliferating	CCNA2
TPX2	0.0E+00	1.5E+00	5.8E-01	2.0E-02	0.0E+00	Proliferating	TPX2
CDC20.1	0.0E+00	1.4E+00	3.8E-01	2.0E-03	0.0E+00	Proliferating	CDC20
HIST1H2AL	0.0E+00	1.4E+00	3.4E-01	1.0E-02	0.0E+00	Proliferating	HIST1H2AL
HMGB3.1	0.0E+00	1.4E+00	5.9E-01	2.7E-02	0.0E+00	Proliferating	HMGB3
CDT1	0.0E+00	1.4E+00	5.7E-01	8.0E-03	0.0E+00	Proliferating	CDT1
CCNB2	0.0E+00	1.4E+00	4.6E-01	4.0E-03	0.0E+00	Proliferating	CCNB2
FEN1	0.0E+00	1.4E+00	6.4E-01	5.4E-02	0.0E+00	Proliferating	FEN1
CLSPN	0.0E+00	1.4E+00	6.1E-01	1.3E-02	0.0E+00	Proliferating	CLSPN
LMNB1.2	0.0E+00	1.4E+00	7.6E-01	1.4E-01	0.0E+00	Proliferating	LMNB1
SMC4.1	0.0E+00	1.4E+00	7.3E-01	1.6E-01	0.0E+00	Proliferating	SMC4
KIFC1	0.0E+00	1.3E+00	5.5E-01	4.0E-03	0.0E+00	Proliferating	KIFC1
SMC2	0.0E+00	1.3E+00	7.0E-01	7.4E-02	0.0E+00	Proliferating	SMC2
UBE2T	0.0E+00	1.3E+00	6.5E-01	4.9E-02	0.0E+00	Proliferating	UBE2T
KPNA2.1	0.0E+00	1.3E+00	5.3E-01	9.0E-02	0.0E+00	Proliferating	KPNA2
GINS2	0.0E+00	1.3E+00	5.1E-01	1.7E-02	0.0E+00	Proliferating	GINS2
HIST1H3D	0.0E+00	1.3E+00	4.3E-01	4.9E-02	0.0E+00	Proliferating	HIST1H3D
MAD2L1	0.0E+00	1.3E+00	6.8E-01	7.6E-02	0.0E+00	Proliferating	MAD2L1
DHFR	0.0E+00	1.3E+00	6.1E-01	3.4E-02	0.0E+00	Proliferating	DHFR
CENPU	0.0E+00	1.3E+00	6.2E-01	2.4E-02	0.0E+00	Proliferating	CENPU
PKMYT1	0.0E+00	1.2E+00	5.0E-01	3.0E-03	0.0E+00	Proliferating	PKMYT1
MCM5.3	0.0E+00	1.2E+00	6.5E-01	1.2E-01	0.0E+00	Proliferating	MCM5
CCNB1	0.0E+00	1.2E+00	3.6E-01	1.3E-02	0.0E+00	Proliferating	CCNB1
TMEM106C.3	0.0E+00	1.2E+00	7.0E-01	1.5E-01	0.0E+00	Proliferating	TMEM106C
CDCA8	0.0E+00	1.2E+00	4.8E-01	9.0E-03	0.0E+00	Proliferating	CDCA8
PLK1	0.0E+00	1.2E+00	3.4E-01	5.0E-03	0.0E+00	Proliferating	PLK1
UHRF1	0.0E+00	1.2E+00	5.3E-01	4.0E-03	0.0E+00	Proliferating	UHRF1
CENPW.1	0.0E+00	1.2E+00	6.0E-01	2.5E-02	0.0E+00	Proliferating	CENPW
DLGAP5	0.0E+00	1.1E+00	4.1E-01	1.0E-03	0.0E+00	Proliferating	DLGAP5
HIST1H2AG	0.0E+00	1.1E+00	3.9E-01	3.9E-02	0.0E+00	Proliferating	HIST1H2AG
AURKB	0.0E+00	1.1E+00	4.5E-01	4.0E-03	0.0E+00	Proliferating	AURKB
CDCA7	0.0E+00	1.1E+00	6.2E-01	8.5E-02	0.0E+00	Proliferating	CDCA7
ATAD2	0.0E+00	1.1E+00	6.4E-01	8.3E-02	0.0E+00	Proliferating	ATAD2
GTSE1	0.0E+00	1.1E+00	4.5E-01	2.0E-03	0.0E+00	Proliferating	GTSE1
KNL1	0.0E+00	1.1E+00	4.8E-01	1.5E-02	0.0E+00	Proliferating	KNL1
DTYMK	0.0E+00	1.0E+00	6.4E-01	8.2E-02	0.0E+00	Proliferating	DTYMK
EZH2	0.0E+00	1.0E+00	5.9E-01	6.6E-02	0.0E+00	Proliferating	EZH2
CDCA3	0.0E+00	1.0E+00	4.1E-01	3.0E-03	0.0E+00	Proliferating	CDCA3
MCM2	0.0E+00	1.0E+00	5.0E-01	2.3E-02	0.0E+00	Proliferating	MCM2
HMMR	0.0E+00	1.0E+00	3.9E-01	3.0E-03	0.0E+00	Proliferating	HMMR
HIST1H2AH	0.0E+00	1.0E+00	3.0E-01	1.2E-02	0.0E+00	Proliferating	HIST1H2AH
TROAP	0.0E+00	1.0E+00	4.2E-01	4.0E-03	0.0E+00	Proliferating	TROAP
TUBB.3	1.3E-297	2.7E+00	9.7E-01	6.4E-01	2.1E-293	Proliferating	TUBB
H2AFZ.2	6.5E-297	2.0E+00	9.6E-01	6.5E-01	1.0E-292	Proliferating	H2AFZ

GAPDH.4	4.6E-287	1.3E+00	1.0E+00	9.9E-01	7.2E-283	Proliferating	GAPDH
MCM3.1	1.4E-262	1.1E+00	6.5E-01	1.5E-01	2.3E-258	Proliferating	MCM3
FABP5.5	7.2E-261	1.4E+00	7.9E-01	2.4E-01	1.1E-256	Proliferating	FABP5
NUDT1.3	4.7E-260	1.1E+00	8.2E-01	2.4E-01	7.3E-256	Proliferating	NUDT1
DUT.3	1.6E-252	1.8E+00	8.8E-01	3.8E-01	2.5E-248	Proliferating	DUT
HIST1H1C.2	1.4E-244	1.6E+00	6.1E-01	1.4E-01	2.1E-240	Proliferating	HIST1H1C
H2AFV.2	8.2E-240	1.5E+00	9.2E-01	4.4E-01	1.3E-235	Proliferating	H2AFV
CARHSP1.1	1.3E-239	1.2E+00	7.9E-01	2.4E-01	2.0E-235	Proliferating	CARHSP1
HMGB1.6	1.2E-238	1.3E+00	1.0E+00	9.3E-01	1.9E-234	Proliferating	HMGB1
TMPO.1	1.4E-232	1.3E+00	7.7E-01	2.3E-01	2.2E-228	Proliferating	TMPO
RPA3.1	3.3E-229	1.2E+00	8.4E-01	2.9E-01	5.1E-225	Proliferating	RPA3
KIF22.2	1.8E-221	1.0E+00	7.1E-01	2.0E-01	2.8E-217	Proliferating	KIF22
TUBA1C.4	1.2E-217	1.5E+00	7.3E-01	2.3E-01	1.8E-213	Proliferating	TUBA1C
TUBB4B.1	3.2E-204	1.9E+00	8.0E-01	3.2E-01	5.0E-200	Proliferating	TUBB4B
DEK.3	4.9E-199	1.3E+00	9.3E-01	5.0E-01	7.6E-195	Proliferating	DEK
NASP	3.5E-195	1.0E+00	7.6E-01	2.5E-01	5.4E-191	Proliferating	NASP
ACTB.9	2.1E-190	1.2E+00	1.0E+00	9.8E-01	3.2E-186	Proliferating	ACTB
PFN1.5	1.5E-186	1.0E+00	9.9E-01	8.8E-01	2.4E-182	Proliferating	PFN1
ANP32E	8.1E-183	1.1E+00	8.0E-01	3.0E-01	1.3E-178	Proliferating	ANP32E
RAN.3	4.9E-181	1.1E+00	9.6E-01	7.5E-01	7.6E-177	Proliferating	RAN
RANBP1.1	9.9E-179	1.2E+00	8.1E-01	3.3E-01	1.5E-174	Proliferating	RANBP1
SLC25A5.3	7.5E-172	1.1E+00	9.5E-01	6.6E-01	1.2E-167	Proliferating	SLC25A5
IDH2.5	4.7E-168	1.1E+00	8.8E-01	4.4E-01	7.3E-164	Proliferating	IDH2
TPI1.5	2.0E-164	1.2E+00	9.9E-01	8.2E-01	3.1E-160	Proliferating	TPI1
MT1E.4	6.0E-161	1.1E+00	7.3E-01	2.6E-01	9.4E-157	Proliferating	MT1E
ANP32B.4	6.0E-160	1.1E+00	9.5E-01	5.9E-01	9.3E-156	Proliferating	ANP32B
H2AFY.4	3.5E-159	1.0E+00	8.2E-01	3.3E-01	5.4E-155	Proliferating	H2AFY
CRIP1.5	1.2E-155	1.1E+00	9.9E-01	8.2E-01	1.8E-151	Proliferating	CRIP1
CALM3.4	3.4E-153	1.1E+00	9.3E-01	5.6E-01	5.2E-149	Proliferating	CALM3
PGAM1.4	1.9E-147	1.1E+00	9.3E-01	6.2E-01	3.0E-143	Proliferating	PGAM1
SLBP	3.8E-147	1.1E+00	7.0E-01	2.6E-01	6.0E-143	Proliferating	SLBP
LDHA.4	4.5E-144	1.1E+00	9.8E-01	8.3E-01	7.0E-140	Proliferating	LDHA
MT2A.7	7.7E-139	1.3E+00	9.4E-01	6.6E-01	1.2E-134	Proliferating	MT2A
VIM.7	3.0E-136	1.1E+00	1.0E+00	8.7E-01	4.7E-132	Proliferating	VIM
ENO1.7	4.3E-125	1.0E+00	9.8E-01	8.1E-01	6.7E-121	Proliferating	ENO1
JPT1.4	3.2E-122	1.1E+00	8.8E-01	5.0E-01	5.0E-118	Proliferating	JPT1
HIST1H1D.4	3.6E-120	1.3E+00	6.0E-01	2.2E-01	5.5E-116	Proliferating	HIST1H1D
HIST1H4C.2	7.1E-111	3.0E+00	9.2E-01	7.1E-01	1.1E-106	Proliferating	HIST1H4C
HIST1H1E.2	1.2E-101	1.8E+00	7.0E-01	3.2E-01	1.9E-97	Proliferating	HIST1H1E
LGALS1.6	2.3E-96	1.4E+00	8.9E-01	5.5E-01	3.5E-92	Proliferating	LGALS1
ARL6IP1.4	6.9E-49	1.1E+00	8.1E-01	5.3E-01	1.1E-44	Proliferating	ARL6IP1