

Figure 3 - Figure Supplement 1

■ Targeted gene   
 ■ Neutral control   
 ■ Positive control   
 ■ Essential control   
 ■ Non-targeting control

Plate 1

	1	2	3	4	5	6	7	8	9	10	11	12
A	OR2D2	CD300C	TAS2R9	U2AF2	RAF1	NLRP2B	FCN3	SIGLEC5	KLRK1	CLEC18B	IKBKG	
B	ZFP36	OR51T1	NCAN	SIGLEC6	KSR1	NTC 1	CLEC12A	NFKB1	SFTPD	SDC3	LGALS7B	
C	RELA	IL1RL1	BTX	NLRP10	NLRP6	CLEC6A	ATRN	IRF7	LSP1	NLRP11	NLRP3	
D	FCGR1A	KLRG1	CLEC4M	MARCO	CREB1	SRC	NFKB2	LALBA	STAT1	CHODL	F13B	
E	MB21D1	REL	KLRC3	CLEC10A	CLEC2B	CEBPB	NTC 2	TLR1	SSC5D	KCNV1	PTPN11	
F	SIGLEC7	MBL2	POLR2A	SYK	LMAN2	ARHGEF2	TLR9	LY9	NLRX1	TRHR	MAP3K1	
G	SIGLECL1	CD276	CASP8	TNF	KLR4	SOCS3	ASGR1	DHX58	LCP2	MRC1	LGALS7	
H	RPE65	LGALS9B	TRIM47	CALM1	CLEC20A	SIGLEC11	RELB	CBLB	TREM2	PAK1	CRX	

Plate 2

	1	2	3	4	5	6	7	8	9	10	11	12
A	TIRAP	LY75	RNF216	KCNV1	LGALS8	CLEC1A	TNF	LGALS3	FCN2	CD207	TICAM2	
B	CLEC7A	REG4	CD180	SIGLEC1	BIRC2	STAT2	OR2D2	CRX	CLEC2A	PTPN6	CLEC1B	
C	ASGR2	U2AF2	CLEC17A	CLEC18A	CLECL1	TLR3	CD1D	CD14	TICAM1	TLR5	DGCR2	
D	IGSF6	RIPK2	NLRP7	CLEC4D	MAP3K8	F13B	COLEC12	FCER1A	MRC2	PIK3CD	PIK3CG	
E	CD33	CLEC11A	MALT1	RPE65	KLR2C	IL1B	OR51T1	CALCOCO2	LMAN2L	SIRPB1	LGALS9	
F	ATRN1	NLRP4	NLRP9	CARD9	TIFA	POLR2A	CLEC18C	PRG3	NTC 2	LGALS12	CHID1	
G	NFKBIA	MAP3K14	CLEC19A	SDC2	MAP3K7	CHUK	SOCS1	THBD	SIGLEC12	TRHR	BCAN	
H	CD69	RIPK1	UBE2N	LY96	LGALS1	LGALS16	RAC1	TAS2R9	LALBA	NTC 1	TLR7	

Plate 3

	1	2	3	4	5	6	7	8	9	10	11	12
A	BCL10	AKT1	COLEC10	IL10	NLRP8	TLR8	NLRP1	CD302	TRHR	IRAK4	NTC 2	
B	CLEC2D	KLR1	CLEC16A	NLRP13	TNF	TAS2R9	KLRF1	OR51T1	TNFAIP3	IRAK1	SFTPA1	
C	KLRB1	KLRG2	KLRD1	FADD	TLR4	ACAN	PILRA	TAB1	IRF3	PRG2	NLR3	
D	IRF1	CLEC3B	PLA2R1	SIRPA	PLCG1	MAPK14	PVR	RPE65	CLEC9A	PKD1	VSIR	
E	CLEC4A	LMAN1L	REG3A	SIGLEC15	LALBA	AIM2	CRX	CD300A	OR2D2	NTC 1	CD72	
F	BIRC3	LBP	KCNV1	F13B	CLEC5A	TREM1	CD248	VCAN	SDC1	KLRF2	COLEC11	
G	CD300LB	CLC	SDC4	CD1C	CLEC4F	TLR6	LGALS14	CASP1	BLNK	CLEC4G	REG3G	
H	CD48	ALCAM	ALPK1	CLEC4C	POLR2A	LGALS2	U2AF2	CLEC3A	CLEC4E	CLEC2L	MYD88	

Plate 4

	1	2	3	4	5	6	7	8	9	10	11	12
A	LAYN	NLRP12	LGALS13	LY86	SELP	FCN1	POLR2A	VAV1	SELE	TNF	NLRP14	
B	CD42	REG1B	CLEC14A	SIGLEC14	OR51T1	SFTPA2	TRAF3	F13B	CLEC12B	JUN	TLR10	
C	CASP2	MAVS	CRX	OLR1	OR2D2	DDX3X	HMGB1	PKD1L3	TRAF6	CD274	TYROBP	
D	PLOG2	PYCARD	ECSIT	FCER2	HAVCR2	DD83	NLR4	NOD2	CD22	TAB2		
E	NTC 1	U2AF2	RPE65	PRKCD	TAB3	IRAK3	NLRP2	NTC 2	NLRC5	MPZL1		
F	LMAN1	LALBA	NLRP5	FCER1G	TRHR	RHOA	IFIH1	UNC93B1	NOD1	CD300E		
G	SIGLEC8	BCL3	SIGLEC10	SIGLEC9	PPP3R1	KCNV1	CD209	SELL	CD300LF	LGALS9C		
H	TBK1	LGALS4	REG1A	MAG	CD93	TLR2	DDX58	FREM1	TMEM173	TAS2R9		