

Immuunijärjestelmän häiriöt		Geenejä 667 kpl	Versio 1	22.12.2025
ABCB7	BRCA2	CD55	CTPS1	FANCA
ACD	BRIP1	CD59	CTSC	FANCB
ACP5	BTK	CD70	CXCR2	FANCC
ACTB	C15orf41	CD79A	CXCR4	FANCD2
ADA	C17orf62	CD79B	CYBA	FANCE
ADA2	C1QA	CD81	CYBB	FANCF
ADAM17	C1QB	CD8A	CYBC1	FANCG
ADAR	C1QC	CDAN1	CYP27A1	FANCI
ADH5	C1R	CDC42	DBR1	FANCL
AGR2	C1S	CDCA7	DCLRE1B	FANCM
AICDA	C2	CDK9	DCLRE1C	FAS
AIRE	C2orf69	CEBPE	DDX41	FASLG
AK2	C3	CFB	DDX58	FAT4
ALAS2	C4A	CFD	DEF6	FCGR3A
ALPI	C4B	CFH	DGAT1	FCHO1
ALPI	C5	CFHR1	DGKE	FCN3
ALPK1	C6	CFHR2	DIAPH1	FDFT1
ANGPT1	C7	CFHR3	DKC1	FDPS
ANKRD26	C8A	CFHR4	DMRT2	FERMT1
ANKZF1	C8B	CFHR5	DNAJC21	FERMT3
AP1S3	C8G	CFI	DNASE1L3	FGA
AP3B1	C9	CFP	DNASE2	FGL2
AP3D1	CARD11	CFTR	DNMT3B	FLT3LG
APOA1	CARD14	CHD7	DOCK11	FMNL2
APOA2	CARD8	CHUK	DOCK2	FNIP1
APOC2	CARD9	CIB1	DOCK8	FOXI3
APOC3	CARMIL2	CIITA	DPP9	FOXP3
APOL1	CASP10	CLCN7	DSG1	FOXP3
ARF1	CASP8	CLPB	DUOX2	FPR1
ARHGEF1	CBLB	COG6	DUT	G6PC
ARPC1B	CCBE1	COL4A3BP	EFL1	G6PC3
ARPC5	CCR2	COL7A1	ELANE	G6PD
ASAH1	CCR5	COLEC11	ELF4	GALE
ATAD3A	CD19	COPA	EP300	GATA1
ATG4A	CD247	COPG1	EPCAM	GATA2
ATM	CD27	COPZ1	EPG5	GATA3
ATP6AP1	CD274	CORO1A	ERBIN	GCC2
B2M	CD28	CR2	ERCC4	GFI1
BACH2	CD3D	CRACR2A	ERCC6L2	GIMAP5
BCL10	CD3E	CREBBP	ERG	GIMAP6
BCL11B	CD3G	CSF2RA	ETV6	GIN51
BLK	CD4	CSF2RB	EXTL3	GLRX5
BLM	CD40	CSF3R	F12	GNAI2
BLNK	CD40LG	CTC1	FAAP100	GSN
BLOC1S6	CD46	CTLA4	FAAP24	GTF3A
BRCA1	CD48	CTNBL1	FADD	GUCY2C

GUK1	IL2RB	LRBA	NBEAL2	PIGA
HAVCR2	IL2RG	LSM11	NBN	PIK3CD
HAX1	IL36RN	LYN	NCF1	PIK3CG
HCK	IL6R	LYST	NCF2	PIK3R1
HEATR3	IL6ST	LYZ	NCF4	PLCG1
HELLS	IL7	MAD2L2	NCKAP1L	PLCG2
HMOX1	IL7R	MADD	NCSTN	PLD4
HOXA11	INO80	MAGT1	NFAT5	PLEKHM1
HPS1	IPO8	MALT1	NFATC1	PLG
HPS4	IRAK1	MAN2B2	NFATC2	PMS2
HPS6	IRAK4	MAP1LC3B2	NFE2L2	PMVK
HS3ST6	IRF1	MAP3K14	NFKB1	PNP
HSPA1L	IRF2BP2	MAP4K1	NFKB2	POLA1
HTRA2	IRF3	MAPK8	NFKBIA	POLA2
HYOU1	IRF4	MASP1	NHEJ1	POLD1
ICOS	IRF7	MASP2	NHP2	POLD2
ICOSLG	IRF8	MASTL	NLRC4	POLD3
IFIH1	IRF9	MBD4	NLRP1	POLE
IFNAR1	ISG15	MBL2	NLRP12	POLE2
IFNAR2	ITCH	MCM10	NLRP3	POLR3A
IFNG	ITGAV	MCM4	NOD2	POLR3C
IFNGR1	ITGB2	MCTS1	NOP10	POLR3F
IFNGR2	ITK	MDM4	NOS2	POMP
IGLL1	ITPKB	MECOM	NOX1	POT1
IKBKB	ITPR3	MEFV	NPC1	POU2AF1
IKBKE	IVNS1ABP	MMD2	NPM1	PRF1
IKBKG	JAGN1	MOGS	NRAS	PRG4
IKZF1	JAK1	MPEG1	NSMCE3	PRIM1
IKZF2	JAK3	MPIG6B	NUDCD3	PRKCD
IKZF3	KARS	MPL	OAS1	PRKDC
IL10	KCNA5	MPO	OAS2	PSEN1
IL10RA	KDM6A	MRE11	OFD1	PSENEN
IL10RB	KIF23	MRTFA	OGFRL1	PSMA3
IL12B	KLF1	MS4A1	ORAI1	PSMB10
IL12RB1	KMT2A	MSH6	OSM	PSMB4
IL12RB2	KMT2D	MSN	OSMR	PSMB8
IL17F	KNG1	MTHFD1	OSTM1	PSMB9
IL17RA	KRAS	MVD	OTULIN	PSMD12
IL17RC	LACC1	MVK	P2RY8	PSMG2
IL18BP	LAMTOR2	MYD88	PALB2	PSTPIP1
IL1R1	LAT	MYH9	PARN	PTCRA
IL1RN	LCK	MYO5A	PAX1	PTEN
IL21	LCP1	MYO5B	PAX5	PTPN1
IL21R	LCP2	MYOF	PDCD1	PTPN13
IL23R	LIG1	MYSM1	PEPD	PTPN2
IL27RA	LIG4	NAF1	PGM3	PTPRC
IL2RA	LPIN2	NBAS	PI4KA	PUS1

QSOX2	RPL8	SLX4	THBD	VPS13B
RAB27A	RPL9	SMARCA1	THPO	VPS45
RAC2	RPS10	SMARCD2	THRA	WAS
RAD50	RPS17	SNORA31	TICAM1	WDR1
RAD51	RPS19	SNX10	TINF2	WIPF1
RAD51C	RPS20	SOCS1	TIRAP	WRAP53
RAG1	RPS24	SP110	TLR3	XIAP
RAG2	RPS26	SPI1	TLR7	XRCC2
RANBP2	RPS28	SPINK5	TLR8	ZAP70
RAP1B	RPS29	SPPL2A	TMC6	ZBTB24
RASGRP1	RPS7	SRP19	TMC8	ZBTB7B
RBCK1	RPSA	SRP54	TMEFF1	ZCCHC8
RBM8A	RTEL1	SRP68	TMEM173	ZNF341
RC3H1	RUNX1	SRP72	TNFAIP3	ZNFX1
RECQL4	SAMD9	SRPRA	TNFRSF11A	
REL	SAMD9L	STAT1	TNFRSF13B	
RELA	SAMHD1	STAT2	TNFRSF13C	
RELB	SASH3	STAT3	TNFRSF1A	
REXO2	SAT1	STAT4	TNFRSF4	
RFWD3	SBDS	STAT5B	TNFRSF9	
RFX5	SCGN	STAT6	TNFSF11	
RFXANK	SEC23B	STIM1	TNFSF12	
RFXAP	SEC61A1	STK4	TNFSF13	
RHBDF2	SEMA3E	STN1	TOM1	
RHOG	SEN7	STX11	TOP2B	
RHOH	SERPINA1	STXBP2	TP53	
RIPK1	SERPING1	STXBP3	TP63	
RIPK3	SGPL1	SYK	TPP2	
RMRP	SH2B3	TAP1	TRAC	
RNASEH2A	SH2D1A	TAP2	TRAF3	
RNASEH2B	SH3BP2	TAPBP	TRAF3IP2	
RNASEH2C	SH3KBP1	TAZ	TREX1	
RNASEL	SHARPIN	TBCE	TRIM22	
RNF168	SKIV2L	TBK1	TRNT1	
RNF31	SLC19A1	TBX1	TTC37	
RNU4ATAC	SLC19A2	TBX21	TTC7A	
RNU7-1	SLC25A38	TBXAS1	TTR	
RORC	SLC29A3	TCF3	TYK2	
RPA1	SLC30A2	TCIRG1	TYMS	
RPL11	SLC35C1	TCN2	UBA1	
RPL15	SLC37A4	TERC	UBE2T	
RPL17	SLC39A4	TERT	UNC119	
RPL18	SLC39A7	TET2	UNC13D	
RPL26	SLC46A1	TFRC	UNC93B1	
RPL31	SLC7A7	TGFB1	UNG	
RPL35A	SLC9A3	TGFBR1	USB1	
RPL5	SLCO2A1	TGFBR2	USP18	