

Seznam vyšetřovaných genů metodou NGS

V uvedených genech jsou analyzovány exony a přilehlé intronové oblasti v rozsahu 20bp.

ABCB1	C9	CSF2RA	FOXN1	IL18BP	MAGT1	OSTM1	RELA	SPINK5	TNFRSF11A
ACD	CARD11	CSF2RB	FOXP3*	IL1RN	MALT1	OTULIN	RELB	SPPL2A	TNFRSF13B*
ACOD1	CARD14	CSF3R	FPR1	IL21	MAP3K14	PARN	RFX5*	SRC	TNFRSF13C
ACP5	CARD16	CTC1	FYB1	IL21R	MAPK8	PEPD	RFXANK*	SRP54	TNFRSF1A*
ACTB	CARD9	CTLA4	G6PC3*	IL22	MASP2*	PGM3	RFXAP*	SRP72	TNFRSF4
ADA*	CARMIL2	CTPS1	G6PD	IL23R	MCM4	PIK3CD*	RHOH	STAT1*	TNFRSF9
ADA2*	CASP10	CTSC	GATA2*	IL2RA*	MEFV*	PIK3CG	RIPK1	STAT2	TNFSF11
ADAM17	CASP8	CXCR4	GFI1	IL2RB	MFAP5	PIK3R1*	RMRP*	STAT3*	TNFSF12
ADAMTS3	CCBE1	CYBA*	GIMAP6	IL2RG*	MOGS	PLA2G4A	RNASEH2A	STAT5B†	TNFSF13
ADAR	CD19	CYBB*	GINS1	IL36RN	MRTFA	PLCG2	RNASEH2B	STIM1*	TNFSF15*
AICDA*	CD247*	CYBC1	GUCY2C	IL6	MS4A1	PLEKHM1	RNASEH2C	STK4	TOP2B
AIRE*	CD27*	CYCS	HAVCR2	IL6R	MSH6	PLG*	RNF168	STN1	TP53
AK2	CD28	DBR1	HAX1*	IL6ST	MSN	PMS2†	RNF186	STX11	TPP1
ALPI	CD3D*	DCLRE1B	HELLS	IL7	MTHFD1	PNP	RNF31	STXBP2	TPP2
ANGPT1	CD3E*	DCLRE1C*	HMOX1	IL7R*	MVK*	POLA1	RNU4ATAC	STXBP3	TRAC
ANKRD26	CD3G*	DEF6	HPS1	INAVA	MYD88	POLD1	RORC	TAP1*	TRAF3
ANKZF1	CD40*	DKC1*	HPS3	INO80	MYH9	POLD2	RPSA	TAP2*	TRAF3IP2
AP1S1	CD40LG*	DNAJC21	HPS4	IRAK1	MYOF	POLE	RTEL1	TAPBP*	TREX1*
AP1S3	CD46	DNASE1	HPS5	IRAK4	MYSM1	POLE2	SAMD9	TAZ	TRIM22
AP3B1*	CD55	DNASE1L3	HPS6	IRF2BP2	NBAS	POLR3A	SAMD9L	TBK1	TRNT1
AP3D1	CD59*	DNASE2	HS3ST6	IRF3	NBN*	POLR3C	SAMHD1	TBX1*	TTC37
APOL1	CD70	DNMT3B	HSPA1L	IRF4	NCF1†	POLR3E	SART3	TCF3	TTC7A
ARHGEF1	CD79A	DOCK2	HYOU1	IRF5	NCF2*	POLR3F	SBDS*	TCIRG1	TYK2*
ARPC1B	CD79B	DOCK8	CHD7	IRF7	NCF4*	POMP	SEC61A1	TCN2	UNC119
ATG16L1	CD81	DPP9	ICOS	IRF8	NCKAP1L	PRDM1	SEMA3E	TERC	UNC13D
ATP6AP1	CD8A*	DTNBP1	ICOSLG	IRF9	NCSTN	PRF1*	SERPING1*	TERT	UNC93B1
B2M	CDC42	DUOX2	IFIH1	IRGM	NFAT5	PRKCD	SH2D1A*	TFRC	UNG
BACH2	CDC47	EFL1	IFNAR1	ISG15	NFE2L2	PRKDC*	SH3BP2	TGFB1	USB1
BCL10	CEBPE	EGFR	IFNAR2	ITGAM	NFKB1*	PSEN1	SH3KBP1	TGFBFR1	USP18†
BCL11B	CFB	ELANE*	IFNG	ITGB2*	NFKB2*	PSENE1	SHARPIN	TGFBFR2	VPS13B
BLM*	CFD	EPG5	IFNGR1*	ITCH	NFKBIA*	PSMA3	SKIV2L	THBD	VPS45
BLNK	CFH	ERBIN	IFNGR2*	ITK*	NFKBIB	PSMB10	SLC29A3	TICAM1	WAS*
BLOC1S6	CFHR1†	ERCC6L2	IGHM	JAGN1	NHEJ1*	PSMB4	SLC35C1	TINF2	WASF2
BTK*	CFHR2	ETV6	IGKC	JAK1	NHP2	PSMB8	SLC37A4*	TIRAP	WDR1
C1QA	CFHR3	EXTL3	IGLL1*	JAK3*	NLRC4	PSMB9	SLC39A7	TLR1	WIPF1
C1QB	CFHR4	F12	IKBKB	KDM6A	NLRP1	PSMG2	SLC46A1	TLR10	WRAP53
C1QC	CFHR5	FAAP24	IKBKG†	KMT2A	NLRP12	PSTPIP1	SLC6A20	TLR2	XIAP*
C1R	CFI	FADD	IKZF1	KMT2D	NLRP3*	PTCRA	SLC7A7	TLR3	ZAP70*
C1S	CFP	FAS	IL10	KNG1	NOD2*	PTEN	SLC9A3	TLR4	ZBTB24
C2	CIB1	FASLG	IL10RA	LACC1	NOP10	PTPRC*	SLCO2A1	TLR5	ZNF341
C3	CIITA*	FAT4	IL10RB	LAMTOR2	NOS2	RAB27A*	SMARCAL1*	TLR6	ZNFX1
C5	CLCN7	FCGR3A	IL12B	LAT	NOX1	RAC2	SMARCD2	TLR7	
C6	CLPB	FCGR3B	IL12RB1	LCK*	NPC1	RAG1*	SMURF1	TLR8	
C7	COG6	FCN3	IL12RB2	LIG1*	NSMCE3	RAG2*	SNM1	TLR9	
C8A	COL7A1	FERMT1	IL17A	LIG4*	OAS1	RANBP2†	SNORA31	TMC6	
C8B	COPA	FERMT3*	IL17F	LPIN2	OAS2	RASGRP1	SNX10	TMC8	
C8G	CORO1A†	FCHO1	IL17RA	LRBA	OAS3	RBCK1	SOCS4	TMEM173	
C8orf34	CR2*	FNIP1	IL17RC	LYST*	ORAI1*	REL	SP110	TNFAIP3	

† část sekvenace genů se ve vysoce homologní podobě vyskytuje jinde v genomu; sekvenční analýza těchto oblastí je obtížně hodnotitelná.

*Akreditovaná metoda dle: SOPA-GL-06