

Seznam vyšetřovaných genů NGS

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

ABCB1	C8A	CHUK	ELF4	ICOSLG	IRF5	MSN	PLA2G4A	RFXANK*	SOCS4	TLR6
ACD	C8B	CIB1	EPG5	IFIH1	IRF7	MTHFD1	PLCG2	RFXAP*	SP110	TLR7
ACOD1	C8G	CIITA*	ERBIN	IFNAR1*	IRF8	MVK*	PLEKHM1	RHOG	SPI1	TLR8
ACP5	C8orf34	CLCN7	ERCC6L2	IFNAR2	IRF9	MYD88	PLG*	RHOH	SPINK5	TLR9
ACTB	C9	CLPB	ETV6	IFNG	IRGM	MYH9	PMS2†	RIGI	SPPL2A	TMC6
ADA*	CARD11	COG6	EXTL3	IFNGR1*	ISG15	MYOF	PMVK	RIPK1	SRC	TMC8
ADA2*	CARD14	COL7A1	F12	IFNGR2*	ITGAM	MYSM1	PNP	RIPK3	SRP54	TNFAIP3
ADAM17	CARD16	COPA	FAAP24	IGHG2	ITGB2*	NBAS	POLA1	RMRP*	SRP72	TNFRSF11A
ADAMTS3	CARD8	COPG1	FADD	IGHM	ITCH	NBN*	POLD1	RNASEH2A	STAT1*	TNFRSF13B*
ADAR	CARD9	CORO1A†	FAS	IGKC	ITK*	NCF1†	POLD2	RNASEH2B	STAT2	TNFRSF13C
AICDA*	CARMIL2	CR2*	FASLG	IGLL1*	ITPKB	NCF2*	POLD3	RNASEH2C	STAT3*	TNFRSF1A*
AIRE*	CASP10	CRACR2A	FAT4	IKBKB	JAGN1	NCF4*	POLE	RNF168	STAT5B†	TNFRSF4
AK2	CASP8	CSF2RA	FCGR3A	IKBKG†	JAK1	NCKAP1L	POLE2	RNF186	STAT6	TNFRSF9
ALPI	CASP9	CSF2RB	FCGR3B	IKZF1	JAK3*	NCSTN	POLR3A	RNF31	STIM1*	TNFSF11
ALPK1	CCBE1	CSF3R	FCN3	IKZF2	KDM6A	NFAT5	POLR3C	RNU4ATAC	STING1	TNFSF12
ANGPT1	CCDC88A	CTC1	FERMT1	IKZF3	KMT2A	NFE2L2	POLR3E	RNU7-1	STK4	TNFSF13
ANKRD26	CD19	CTLA4	FERMT3*	IL10	KMT2D	NFIL3	POLR3F	RORC	STN1	TNFSF15*
ANKZF1	CD247*	CTNBL1	FCHO1	IL10RA	KNG1	NFKB1*	POMP	RPSA	STX11	TOM1
AP1S1	CD27*	CTPS1	FLT3LG	IL10RB	LACC1	NFKB2*	POU2AF1	RTEL1	STXBP2	TOP2B
AP1S3	CD28	CTSC	FNIP1	IL12B	LAMTOR2	NFKBIA*	PRDM1	SAMD9	STXBP3	TP53
AP3B1*	CD3D*	CWF19L2	FOXP3	IL12RB1	LAT	NFKBIB	PRF1*	SAMD9L	SYK	TPP1
AP3D1	CD3E*	CXCR2	FOXN1	IL12RB2	LCK*	NFKBID	PRKCD	SAMHD1	TAFAZZIN	TPP2
APOLI	CD3G*	CXCR4	FOXP3*	IL17A	LCP2	NHEJ1*	PRKDC*	SART3	TAP1*	TRAC
ARHGEF1	CD4	CYBA*	FPR1	IL17F	LIG1*	NHP2	PSEN1	SASH3	TAP2*	TRAF3
ARPC1B	CD40*	CYBB*	FYB1	IL17RA	LIG4*	NLRC4	PSENN	SBDS*	TAPBP*	TRAF3IP2
ATAD3A	CD40LG*	CYBC1	G6PC3*	IL17RC	LPIN2	NLRP1	PSMA3	SEC61A1	TBK1	TREX1*
ATG16L1	CD46	CYCS	G6PD	IL18BP	LRBA	NLRP12	PSMB10	SEMA3E	TBX1*	TRIM22
ATG4A	CD48	DBF4	GATA2*	IL1RN	LSM11	NLRP3*	PSMB4	SERPING1*	TBX2	TRNT1
ATM	CD55	DBR1	GF11	IL21	LYN	NOD2*	PSMB8	SH2D1A*	TBX21	TTC7A
ATP6AP1	CD59*	DCLRE1A	GIMAP6	IL21R	LYST*	NOP10	PSMB9	SH3BP2	TCF3	TYK2*
B2M	CD70	DCLRE1B	GINS1	IL22	MADD	NOS2	PSMG2	SH3KBP1	TCIRG1	UBA1
BACH2	CD79A	DCLRE1C*	GINS4	IL23R	MAGT1	NOX1	PSTPIP1	SHARPIN	TCN2	UNC119
BCL10	CD79B	DEF6	GTF3A	IL2RA*	MALT1	NPC1	PTCRA	SKIC2	TERC	UNC13D
BCL11B	CD81	DIAPH1	GUCY2C	IL2RB	MAN2B2	NSMCE3	PTEN	SKIC3	TERT	UNC93B1
BLM*	CD8A*	DKC1*	HAVCR2	IL2RG*	MAP1LC3B2	OAS1	PTPN2	SLC29A3	TET2	UNG
BLNK	CDC42	DNAJC21	HAX1*	IL36RN	MAP3K14	OAS2	PTPN22	SLC35C1	TFRC	USB1
BLOC1S6	CDCA7	DNASE1	HCK	IL6	MAP4K1	OAS3	PTPRC*	SLC37A4*	TGFB1	USP18†
BTK*	CEBPE	DNASE1L3	HELLS	IL6R	MAPK8	ORAI1*	RAB27A*	SLC39A7	TGFBR1	VPS13B
C1QA	CFB	DNASE2	HMOX1	IL6ST	MASP2*	OSTM1	RAC2	SLC46A1	TGFBR2	VPS45
C1QB	CFD	DNMT3B	HOXA3	IL7	MCM10	OTULIN	RAG1*	SLC6A20	THBD	WAS*
C1QC	CFH	DOCK11	HPS1	IL7R*	MCM4	PARN	RAG2*	SLC7A7	TICAM1	WASF2
C1R	CFHR1†	DOCK2	HPS3	INAV	MECOM	PAX1	RANBP2†	SLC9A3	TINF2	WDR1
C1S	CFHR2	DOCK8	HPS4	INO80	MEFV*	PDCD1	RAP1B	SLCO2A1	TIRAP	WIPF1
C2	CFHR3	DPP9	HPS5	IRAK1	MEX3B	PDLIM1	RASGRP1	SMARCAL1*	TLR1	WRAP53
C2orf69	CFHR4	DTNBP1	HPS6	IRAK4	MFAP5	PEPD	RBCK1	SMARCD2	TLR10	XIAP*
C3	CFHR5	DUOX2	HS3ST6	IRF1	MOGS	PGM3	REL	SMURF1	TLR2	ZAP70*
C5	CFI	EFL1	HSPA1L	IRF2BP2	MRTFA	PIK3CD*	RELA	SNORA31	TLR3	ZBTB24
C6	CFP	EGFR	HYOU1	IRF3	MS4A1	PIK3CG	RELB	SNX10	TLR4	ZNF341
C7	CHD7	ELANE*	ICOS	IRF4	MSH6	PIK3R1*	RFX5*	SOCS1	TLR5	ZNFX1

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

*Akreditovaná metoda dle: SOPA-GL-06