

## SEZNAM VYŠETŘOVANÝCH GENŮ METODOU NGS

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

AK2	C9	CSF2RA	FCN3	IL17RA	MAGT1	PGM3	RFWD3	SPINK5	TMEM173
ABCB1	CARD11	CSF2RB	FERMT1	IL17RC	MALT1	PIK3CD*	RFX5*	SPPL2A	TNFAIP3
ACD	CARD14	CSF3R	FERMT3*	IL18BP	MAP3K14	PIK3CG	RFXANK*	SRC	TNFRSF11A
ACOD1	CARD16	CTC1	FNIP1	IL21	MASP2*	PIK3R1*	RFXAP*	SRP54	TNFRSF13B*
ACP5	CARD9	CTLA4	FOXP1	IL21R	MCM4	PLA2G4A	RHOH	SRP72	TNFRSF13C
ACTB	CARMIL2	CTPS1	FOXP3*	IL22	MEFV*	PLCG2	RIPK1	STAT1*	TNFRSF1A*
ADA*	CASP10	CTSC	FPR1	IL23R	MFAP5	PLEKHM1	RMRP*	STAT2	TNFRSF4
ADA2*	CASP8	CXCR4	FYB1	IL2RA*	MOGS	PLG*	RNASEH2A	STAT3*	TNFRSF9
ADAR	CCBE1	CYBA*	G6PC3*	IL2RB	MRTFA	PMS2†	RNASEH2B	STAT5B†	TNFSF11
ADAM17	CD19	CYBB*	G6PD	IL2RG*	MS4A1	PNP	RNASEH2C	STIM1*	TNFSF12
AICDA*	CD247*	CYBC1	GATA2*	IL36RN	MSH6	POLA1	RNF168	STK4	TNFSF13
AIRE*	CD27*	CYCS	GFI1	IL6	MSN	POLD1	RNF186	STN1	TNFSF15*
ALPI	CD28	DCLRE1B	GINS1	IL6R	MTHFD1	POLD2	RNF31	STX11	TOP2B
ANKRD26	CD3D*	DCLRE1C*	GUCY2C	IL6ST	MVK*	POLE	RNU4ATAC	STXBP2	TP53
ANKZF1	CD3E*	DEF6	HAVCR2	IL7	MYD88	POLE2	RORC	STXBP3	TPP1
AP3B1*	CD3G*	DKC1*	HAX1*	IL7R*	MYH9	POLR3A	RPSA	TAP1*	TPP2
APOL1	CD40*	DNAJC21	HELLS	INAVA	MYSM1	POLR3C	RTEL1	TAP2*	TRAC
AP1S3	CD40LG*	DNASE1L3	HMOX1	INO80	NBN*	POLR3F	SAMD9	TAPBP*	TRAF3
ARHGEF1	CD46	DNMT3B*	HPS1	IRAK1	NCF1†	POMP	SAMD9L	TAZ	TRAF3IP2
ARPC1B	CD55	DOCK2	HPS3	IRAK4	NCF2*	PRDM1	SAMHD1	TBK1	TREX1*
ATG16L1	CD59*	DOCK8	HPS4	IRF2BP2	NCF4*	PRF1*	SART3	TBX1*	TRIM22
ATP6AP1	CD70	DTNBP1	HPS5	IRF3	NCSTN	PRKCD	SBDS*	TCF3	TRNT1
B2M	CD79A	DUOX2	HPS6	IRF4	NFAT5	PRKDC*	SEC61A1	TCIRG1	TTC37
BACH2	CD79B	ELANE*	HSPA1L	IRF5	NFE2L2	PSEN1	SEMA3E	TCN2	TTC7A
BCL10	CD81	ERBIN	HYOU1	IRF7	NFKB1*	PSENNEN	SERPING1*	TERC	TYK2*
BCL11B	CD8A*	ERCC4	ICOS	IRF8	NFKB2*	PSMA3	SH2D1A*	TERT	UBE2T
BLM*	CDCA7	ERCC6L2	ICOSLG	IRF9	NFKBIA*	PSMB4	SH3BP2	TFRC	UNC119
BLNK	CEBPE	ETV6	IFIH1	IRGM	NFKBIB	PSMB8	SH3KBP1	TGFB1	UNC13D
BLOC1S6	CFB	EXTL3	IFNAR1	ISG15	NHEJ1*	PSMB9	SHARPIN	TGFBR1	UNC93B1
BRCA2	CFD	F12	IFNAR2	ITCH	NHP2	PSMG2	SKIV2L	TGFBR2	UNG
BRIP1	CFH	FAAP24	IFNGR1*	ITGAM	NLRC4	PSTPIP1	SLC29A3	THBD	USB1
BTK*	CFHR1†	FADD	IFNGR2*	ITGB2*	NLRP1	PTCRA	SLC35C1	TICAM1	USP18†
C1QA	CFHR2	FANCA	IGHM	ITK*	NLRP3*	PTEN	SLC37A4*	TINF2	VPS13B
C1QB	CFHR3	FANCB	IGKC	JAGN1	NLRP12	PTPRC*	SLC39A7	TIRAP	VPS45
C1QC	CFHR4	FANCC	IGLL1*	JAK1	NOD2*	RAB27A*	SLC46A1	TLR1	WAS*
C1R	CFHR5	FANCD2	IKBKB	JAK3*	NOP10	RAC2	SLC7A7	TLR10	WASF2
C1S	CFI	FANCE	IKBKG	KMT2A	NOX1	RAD51	SLC9A3	TLR2	WDR1
C2	CFP	FANCF	IKZF1	LAMTOR2	NPC1	RAD51C	SLCO2A1	TLR3	WIPF1
C3	CIB1	FANCI	IL1RN	LAT	NSMCE3	RAG1*	SLX4	TLR4	WRAP53
C5	CIITA*	FANCL	IL10	LCK*	OAS1	RAG2*	SMARCAL1*	TLR5	XIAP*
C6	CLCN7	FANCM	IL10RA	LIG1*	ORAI1*	RANBP2†	SMARCD2	TLR6	XRCC2
C7	CLPB	FAS	IL10RB	LIG4*	OSTM1	RASGRP1	SMURF1	TLR7	XRCC9
C8A	COL7A1	FASLG	IL12B	LPIN2	OTULIN	RBCK1	SNM1	TLR8	ZAP70*
C8B	COPA	FCGR3A	IL12RB1	LRBA	PALB2	REL	SNX10	TLR9	ZBTB24
C8G	CORO1A†	FCGR3B	IL17A	LYST*	PARN	RELA	SOCS4	TMC6	ZNF341
C8orf34	CR2*	FCHO1	IL17F	MAD2L2	PEPD	RELB	SP110	TMC8	

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

\*akreditované vyšetření dle SOPA-GL-06