

## SEZNAM VYŠETŘOVANÝCH GENŮ

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    | FOXN1   | 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 <sup>†</sup>   | RNASEH2B  | STAT5B <sup>†</sup> | 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  | GIN51   | 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              | RTKL1     | TAP2*               | TRAC               |
| AP1S3   | CD40LG*             | DNASE1L3 | HMOX1   | INO80   | NBN*              | POLR3F              | SAMD9     | TAPBP*              | TRAF3              |
| ARHGEF1 | CD46                | DNMT3B*  | HPS1    | IRAK1   | NCF1 <sup>†</sup> | 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*            | PSENEN              | 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 <sup>†</sup>  | FADD     | IFNGR2* | ITGB2*  | NLRP1             | PTCRA               | SLC35C1   | TICAM1              | USP18 <sup>†</sup> |
| 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 <sup>†</sup> | 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 <sup>†</sup> | FCGR3B   | IL17A   | LYST*   | PARN              | RELA                | SOCS4     | TMC6                | ZNF341             |
| C8orf34 | CR2*                | FCHO1    | IL17F   | MAD2L2  | PEPD              | RELB                | SP110     | TMC8                |                    |

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

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