

| Gen | kb | Gen | kb | Gen | kb | Gen | kb | Gen | kb | Gen | kb | Gen | kb |
|----------|-----|---------|-----|----------|-----|---------|------|---------|------|----------|-----|-----------|-----|
| ADA | 1.1 | CD3D | 0.5 | DNASE1 | 0.8 | IL10RB | 1.0 | MKL1 | 2.8 | PTPRC | 3.9 | TCIRG1 | 2.5 |
| ADAM17 | 2.5 | CD3E | 0.6 | DNASE1L3 | 0.9 | IL12B | 1.0 | MS4A1 | 0.9 | RAB27A | 0.7 | TFRC | 2.3 |
| AICDA | 0.6 | CD3G | 0.5 | DNASE2 | 1.1 | IL12RB1 | 2.0 | MSN | 1.7 | RAC2 | 0.6 | TICAM1 | 2.1 |
| AIRE | 1.6 | CD40 | 0.8 | DOCK2 | 5.5 | IL17F | 0.5 | MTHFD1 | 2.8 | RAG1 | 3.1 | TLR3 | 2.7 |
| AK2 | 0.7 | CD40LG | 0.8 | DOCK8 | 6.3 | IL17RA | 2.6 | MVK | 1.2 | RAG2 | 1.6 | TMEM173 | 1.1 |
| AP3B1 | 3.3 | CD46 | 1.2 | DSG1 | 3.2 | IL17RC | 2.4 | NCF1 | 1.2 | RANBP2 | 9.7 | TNFAIP3 | 2.4 |
| AP3D1 | 3.6 | CD55 | 1.1 | EGFR | 3.6 | IL1RN | 0.5 | NCF2 | 1.6 | RASGRP1 | 2.4 | TNFRSF13B | 0.9 |
| ATP6AP1 | 1.4 | CD59 | 0.4 | ELANE | 0.8 | IL21 | 0.5 | NCF4 | 1.0 | RLTPR | 4.3 | TNFRSF13C | 0.6 |
| BACH2 | 2.5 | CD70 | 0.6 | ERBB2IP | 4.1 | IL21R | 1.6 | NFAT5 | 4.4 | RNASEH2A | 0.9 | TNFRSF1A | 1.4 |
| BCL11B | 2.7 | CD79A | 0.7 | FADD | 0.6 | IL2RA | 0.8 | NFKB1 | 2.9 | RNASEH2B | 0.9 | TRAF3 | 1.7 |
| BLNK | 1.4 | CD79B | 0.7 | FAS | 1.0 | IL2RG | 1.1 | NFKB2 | 2.7 | RNASEH2C | 0.5 | TRAF3IP2 | 1.7 |
| BTK | 2.0 | CD81 | 0.7 | FASLG | 0.8 | IL36RN | 0.5 | NFKBIA | 1.0 | RORC | 1.6 | TREX1 | 0.9 |
| C19orf40 | 0.6 | CEBPE | 0.8 | FCN3 | 0.9 | IL7R | 1.4 | NHEJ1 | 0.9 | RTEL1 | 3.7 | TTC7A | 2.6 |
| C1QA | 0.7 | CECR1 | 0.8 | FERMT3 | 2.0 | IRF2BP2 | 1.8 | NLR4 | 3.1 | SAMHD1 | 1.9 | TYK2 | 3.6 |
| C1QB | 0.8 | CFB | 2.3 | FOXP3 | 1.3 | IRF3 | 1.3 | NLRP1 | 4.4 | SBDS | 0.8 | UNC119 | 0.7 |
| C1QC | 0.7 | CFD | 0.8 | FOXP3 | 1.3 | IRF8 | 1.3 | NLRP12 | 3.2 | SERPING1 | 1.5 | UNC13D | 3.3 |
| C1S | 2.1 | CFH | 3.7 | G6PC3 | 1.0 | ISG15 | 0.5 | NLRP3 | 3.1 | SH2D1A | 0.4 | UNC93B1 | 1.8 |
| C2 | 2.3 | CFI | 1.8 | G6PD | 1.5 | ITGB2 | 2.3 | NOD2 | 3.1 | SLC29A3 | 1.4 | UNG | 0.9 |
| C3 | 5.0 | CFP | 1.4 | GATA1 | 1.2 | ITK | 1.9 | ORAI1 | 0.9 | SLC35C1 | 1.1 | USB1 | 0.8 |
| C5 | 5.0 | CFTR | 4.4 | GATA2 | 1.4 | JAGN1 | 0.6 | OTULIN | 1.1 | SMARCD2 | 1.6 | USP18 | 1.1 |
| C6 | 2.8 | CLEC7A | 0.7 | GFI1 | 1.3 | JAK1 | 3.5 | PGM3 | 1.7 | SP110 | 2.1 | VPS45 | 1.7 |
| C7 | 2.5 | CLPB | 2.1 | GINS1 | 0.6 | JAK3 | 3.4 | PIK3CD | 3.1 | SPINK5 | 3.2 | WAS | 1.5 |
| C8A | 1.8 | COPA | 3.7 | HAX1 | 0.8 | KRAS | 0.6 | PIK3R1 | 2.2 | SRP54 | 1.5 | WDR1 | 1.8 |
| C8B | 1.8 | CORO1A | 1.4 | HELLS | 2.5 | LAT | 0.7 | PLCG2 | 3.8 | STAT1 | 2.3 | XIAP | 1.5 |
| C8G | 0.6 | CR2 | 3.3 | HSPA1L | 1.9 | LCK | 1.5 | PNP | 0.9 | STAT2 | 2.6 | ZAP70 | 1.9 |
| C9 | 1.7 | CSF3R | 2.5 | IFIH1 | 3.1 | LIG4 | 2.7 | POMP | 0.4 | STAT3 | 2.3 | ZBTB24 | 2.1 |
| CARD11 | 3.5 | CTLA4 | 0.7 | IFNGR1 | 1.5 | LPIN2 | 2.7 | PRF1 | 1.7 | STAT5B | 2.4 | | |
| CARD14 | 3.0 | CTPS1 | 1.8 | IFNGR2 | 1.0 | LRBA | 8.6 | PRKCD | 2.0 | STIM1 | 2.1 | | |
| CARD9 | 1.6 | CXCR2 | 1.1 | IGHM | - * | LRRC8A | 2.4 | PRKDC | 12.4 | STK4 | 1.5 | | |
| CASP10 | 1.6 | CXCR4 | 1.1 | IGLL1 | 0.6 | LYST | 11.4 | PSMA3 | 0.8 | STX11 | 0.9 | | |
| CASP8 | 1.5 | CYBA | 0.6 | IKBKB | 2.3 | MAGT1 | 1.1 | PSMB4 | 0.8 | STXBP2 | 1.8 | | |
| CD19 | 1.7 | CYBB | 1.7 | IKZF1 | 1.6 | MALT1 | 2.5 | PSMB8 | 0.8 | TAZ | 0.9 | | |
| CD247 | 0.5 | DCLRE1C | 2.1 | IL10 | 0.5 | MASP2 | 2.1 | PSMB9 | 0.7 | TBK1 | 2.2 | | |
| CD27 | 0.8 | DKC1 | 1.5 | IL10RA | 1.7 | MEFV | 2.3 | PSTPIP1 | 1.3 | TCF3 | 2.0 | | |

*) nichtkodierende Transkripte tragen nicht zur Größenberechnung im Rahmen der Gen-Auswahl bis 25 kb bei.

**Für Rückfragen und Beratung stehen wir Ihnen gern zur Verfügung.
Bitte wenden Sie sich an unser Diagnostik-Support-Team.**

**www.humangenetik-tuebingen.de/diagnostic-support
diagnostic-support@humangenetik-tuebingen.de
Telefon 07071/56544-00**