

**Kardiomyopatia****Geenejä 300 kpl****Versio 4 30.9.2025**

|          |         |         |         |          |
|----------|---------|---------|---------|----------|
| AARS2    | COX6B1  | GLA     | MAP2K1  | NDUFB3   |
| ABCC6    | COX7B   | GLB1    | MAP2K2  | NDUFB8   |
| ABCC9    | CPT2    | GMPPB   | MAP3K7  | NDUFS1   |
| ACAD9    | CRLS1   | GSK3B   | MAP3K8  | NDUFS2   |
| ACADVL   | CRYAB   | GSN     | MIB1    | NDUFS3   |
| ACTA1    | CSRP3   | GTPBP3  | MIPEP   | NDUFS4   |
| ACTC1    | CTNNA3  | GUSB    | MLYCD   | NDUFS6   |
| ACTN2    | DES     | GYG1    | MMACHC  | NDUFS7   |
| AGK      | DMD     | HADHA   | MRAS    | NDUFS8   |
| AGL      | DNAJC19 | HADHB   | MRPL44  | NDUFV1   |
| AIFM1    | DOLK    | HAMP    | MT-ND5  | NDUFV2   |
| ALMS1    | DPM3    | HAND1   | MTO1    | NEBL     |
| ALPK3    | DSC2    | HCN4    | MT-TI   | NEXN     |
| ANK2     | DSG2    | HFE     | MT-TL1  | NF1      |
| ANKRD1   | DSP     | HGSNAT  | MT-TV   | NKX2-5   |
| ANO5     | DTNA    | HJV     | MUT     | NONO     |
| APOA1    | DYSF    | HRAS    | MYBPC3  | NPPA     |
| ARSB     | EEF1A2  | IDH2    | MYBPHL  | NRAP     |
| ASNA1    | ELAC2   | IDS     | MYH6    | NRAS     |
| ATAD3A   | EMD     | IDUA    | MYH7    | NUBPL    |
| ATP5F1D  | EPG5    | ILK     | MYL2    | OBSCN    |
| ATPAF2   | ETFA    | ISPD    | MYL3    | PCCA     |
| BAG3     | ETFB    | JPH2    | MYL4    | PCCB     |
| BAG5     | ETFDH   | JUP     | MYLK2   | PDLIM3   |
| BRAF     | EYA4    | KBTBD13 | MYLK3   | PET100   |
| C10orf71 | FAH     | KCNA5   | MYOM1   | PKP2     |
| CACNA1C  | FASTKD2 | KCNE1   | MYOT    | PLD1     |
| CALM1    | FBXL4   | KCNE2   | MYOZ2   | PLEC     |
| CALM2    | FBXO32  | KCNH2   | MYPN    | PLEKHM2  |
| CALM3    | FHL1    | KCNJ2   | MYRF    | PLN      |
| CAMK2D   | FHOD3   | KCNQ1   | MYZAP   | PNPLA2   |
| CAP2     | FKRP    | KLF10   | NAA10   | POPDC2   |
| CAPN3    | FKTN    | KLHL24  | NAA15   | PPA2     |
| CASQ2    | FLII    | KRAS    | NAGLU   | PPCS     |
| CASZ1    | FLNC    | LAMA2   | NAXD    | PPP1CB   |
| CAV3     | FNIP1   | LAMA4   | NDUFA1  | PPP1R13L |
| CBL      | FOXD4   | LAMP2   | NDUFA10 | PRDM16   |
| CDH2     | FOXRED1 | LARGE1  | NDUFA11 | PRKAG2   |
| CHKB     | FXN     | LDB3    | NDUFA2  | PSEN1    |
| CLCA2    | GAA     | LEMD2   | NDUFA4  | PSEN2    |
| COA5     | GATA4   | LETM1   | NDUFAF1 | PTPN11   |
| COA6     | GATA6   | LMNA    | NDUFAF2 | QRSL1    |
| COX10    | GATAD1  | LMOD2   | NDUFAF3 | RAF1     |
| COX14    | GATC    | LRPPRC  | NDUFAF4 | RASA2    |
| COX15    | GFM1    | LRRC10  | NDUFAF5 | RBCK1    |
| COX20    | GJA5    | LZTR1   | NDUFB11 | RBM20    |

|          |          |
|----------|----------|
| RHBDF1   | TECRL    |
| RIT1     | TFR2     |
| RMND1    | TMEM126B |
| RNF220   | TMEM43   |
| RPL3L    | TMEM70   |
| RPS6KB1  | TNNC1    |
| RRAGC    | TNNI3    |
| RRAGD    | TNNI3K   |
| RRAS     | TNNT2    |
| RYR2     | TOR1AIP1 |
| SCN1B    | TPM1     |
| SCN5A    | TRDN     |
| SCNN1B   | TRIM32   |
| SCNN1G   | TRIM63   |
| SCO1     | TRPM4    |
| SCO2     | TSFM     |
| SDHA     | TTN      |
| SDHAF1   | TTR      |
| SDHD     | TULP3    |
| SELENON  | UQCC2    |
| SGCA     | VCL      |
| SGCB     | VCP      |
| SGCD     | VPS13A   |
| SGCG     |          |
| SGSH     |          |
| SHMT2    |          |
| SHOC2    |          |
| SLC22A5  |          |
| SLC25A20 |          |
| SLC25A4  |          |
| SLC30A5  |          |
| SLC40A1  |          |
| SLC4A3   |          |
| SLC6A6   |          |
| SMCHD1   |          |
| SOS1     |          |
| SOS2     |          |
| SPEG     |          |
| SPRED2   |          |
| SURF1    |          |
| TAB2     |          |
| TAF1A    |          |
| TAX1BP3  |          |
| TAZ      |          |
| TBX20    |          |
| TBX5     |          |
| TCAP     |          |

**Kardiomyopatia****Geenejä 262 kpl****Versio 4****27.5.2024**

|         |         |        |         |          |
|---------|---------|--------|---------|----------|
| AARS2   | DSG2    | IDS    | NAA10   | PPP1R13L |
| ABCC6   | DSP     | IDUA   | NAA15   | PRDM16   |
| ABCC9   | DTNA    | ILK    | NAGLU   | PRKAG2   |
| ACAD9   | DYSF    | ISPD   | NDUFA1  | PSEN1    |
| ACADVL  | EEF1A2  | JPH2   | NDUFA10 | PSEN2    |
| ACTA1   | ELAC2   | JUP    | NDUFA11 | PTPN11   |
| ACTC1   | EMD     | KLF10  | NDUFA2  | QRSL1    |
| ACTN2   | EPG5    | KLHL24 | NDUFA4  | RAF1     |
| AGK     | ETFA    | KRAS   | NDUFAF1 | RASA2    |
| AGL     | ETFB    | LAMA2  | NDUFAF2 | RBCK1    |
| ALMS1   | ETFDH   | LAMA4  | NDUFAF3 | RBM20    |
| ALPK3   | EYA4    | LAMP2  | NDUFAF4 | RHBDF1   |
| ANK2    | FAH     | LARGE1 | NDUFAF5 | RIT1     |
| ANKRD1  | FASTKD2 | LDB3   | NDUFB11 | RMND1    |
| ANO5    | FBXL4   | LEMD2  | NDUFB3  | RNF220   |
| APOA1   | FBXO32  | LETM1  | NDUFB8  | RPL3L    |
| ARSB    | FHL1    | LMNA   | NDUFS1  | RPS6KB1  |
| ATAD3A  | FHOD3   | LMOD2  | NDUFS2  | RRAGC    |
| ATP5F1D | FKRP    | LRPPRC | NDUFS3  | RRAGD    |
| ATPAF2  | FKTN    | LRRC10 | NDUFS4  | RRAS     |
| BAG3    | FLII    | LZTR1  | NDUFS6  | RYR2     |
| BRAF    | FLNC    | MAP2K1 | NDUFS7  | SCN1B    |
| CACNA1C | FNIP1   | MAP2K2 | NDUFS8  | SCN5A    |
| CAP2    | FOXD4   | MAP3K8 | NDUFV1  | SCNN1B   |
| CAPN3   | FXN     | MIPEP  | NDUFV2  | SCNN1G   |
| CASZ1   | GAA     | MLYCD  | NEBL    | SCO1     |
| CBL     | GATA4   | MMACHC | NEXN    | SCO2     |
| CDH2    | GATA6   | MRAS   | NF1     | SDHAF1   |
| CHKB    | GATC    | MRPL44 | NKX2-5  | SDHD     |
| COA5    | GFM1    | MTO1   | NONO    | SELENON  |
| COA6    | GLA     | MT-TI  | NRAP    | SGCA     |
| COX10   | GMPPB   | MUT    | NRAS    | SGCB     |
| COX14   | GSK3B   | MYBPC3 | NUBPL   | SGCD     |
| COX15   | GSN     | MYBPHL | OBSCN   | SGCG     |
| COX20   | GTPBP3  | MYH6   | PCCA    | SGSH     |
| COX6B1  | GUSB    | MYH7   | PCCB    | SHMT2    |
| COX7B   | GYG1    | MYL2   | PDLIM3  | SHOC2    |
| CPT2    | HADHA   | MYL3   | PET100  | SLC22A5  |
| CRLS1   | HADHB   | MYL4   | PKP2    | SLC25A20 |
| CRYAB   | HAMP    | MYLK2  | PLD1    | SLC25A4  |
| CSRP3   | HAND1   | MYLK3  | PLEC    | SLC30A5  |
| DES     | HCN4    | MYOM1  | PLEKHM2 | SLC40A1  |
| DMD     | HFE     | MYOT   | PLN     | SLC6A6   |
| DNAJC19 | HJV     | MYOZ2  | PNPLA2  | SMCHD1   |
| DOLK    | HGSNAT  | MYPN   | PPA2    | SOS1     |
| DPM3    | HRAS    | MYRF   | PPCS    | SOS2     |
| DSC2    | IDH2    | MYZAP  | PPP1CB  | SPEG     |

SPRED2  
SURF1  
TAB2  
TAZ  
TBX20  
TBX5  
TCAP  
TFR2  
TMEM126B  
TMEM43  
TMEM70  
TNNC1  
TNNI3  
TNNI3K  
TNNT2  
TOR1AIP1  
TPM1  
TRIM32  
TRIM63  
TSFM  
TTN  
TTR  
TULP3  
UQCC2  
VCL  
VCP  
VPS13A