|  |
| --- |
| Table S1. CAD-related genes. |
| symbol |
| ACCN1 |
| ACOT12 |
| ACRV1 |
| ACTBL2 |
| ACTL6B |
| ACTRT1 |
| ADAM33 |
| ADAMTS19 |
| ADAMTS2 |
| ADAMTSL1 |
| ADCY2 |
| ADCYAP1R1 |
| ADRB3 |
| AFAP1L1 |
| AIF1L |
| AKAP3 |
| ALDOAP2 |
| ANGPT4 |
| ANTXR1 |
| ARHGDIG |
| ART1 |
| ART3 |
| ASB15 |
| ATCAY |
| AVPR1B |
| B3GNT3 |
| BCMO1 |
| BEST2 |
| BEST3 |
| BIRC7 |
| BMP10 |
| BPIFA1 |
| BRS3 |
| BTNL3 |
| C10orf96 |
| C11orf41 |
| C12orf34 |
| C15orf42 |
| C16orf3 |
| C18orf34 |
| C19orf57 |
| C19orf80 |
| C1orf111 |
| C1S |
| C20orf144 |
| C20orf26 |
| C4orf44 |
| C6orf126 |
| C6orf146 |
| C6orf15 |
| C6orf154 |
| C6orf220 |
| CACNG8 |
| CALHM3 |
| CAPN13 |
| CAPZA3 |
| CCDC166 |
| CCDC8 |
| CDH19 |
| CDH5 |
| CDRT15L2 |
| CHRM5 |
| CLDN11 |
| CLEC2L |
| CLEC3B |
| CLEC4G |
| CMYA5 |
| CNNM1 |
| CNTN1 |
| CNTN3 |
| COL18A1 |
| COL9A1 |
| CPEB1 |
| CPNE6 |
| CRH |
| CRTAC1 |
| CRYAA |
| CRYBB3 |
| CRYGA |
| CSAG3 |
| CSMD1 |
| CTAG2 |
| CTH |
| CXCL6 |
| CXorf30 |
| CYP1A1 |
| CYP4Z1 |
| CYTL1 |
| DACT3 |
| DDIT4L |
| DEFA11P |
| DEFB103B |
| DEFB107A |
| DEFB134 |
| DEFB4A |
| DHDH |
| DLX1 |
| DNAH2 |
| DPEP1 |
| DUOXA2 |
| DUSP26 |
| ECT2 |
| EGFL7 |
| EGFR |
| EPHA8 |
| ERVFRD-2 |
| ESP33 |
| ESPL1 |
| EVPL |
| EXTL1 |
| F11 |
| FADS6 |
| FAIM2 |
| FAM154A |
| FAM177B |
| FAM189A2 |
| FAM19A4 |
| FAM3D |
| FAM83E |
| FAM90A7 |
| FBXW9 |
| FCN3 |
| FERMT2 |
| FETUB |
| FFAR3 |
| FGF8 |
| FLJ35024 |
| FLJ37638 |
| FMO1 |
| FMO2 |
| FREM1 |
| FRG2C |
| FRMD1 |
| FTMT |
| FUT3 |
| FXYD1 |
| GAB4 |
| GABRD |
| GABRR3 |
| GCLM |
| GCM1 |
| GDNF |
| GHR |
| GLI2 |
| GLTPD2 |
| GLYATL3 |
| GPHB5 |
| GPR123 |
| GPR142 |
| GPR179 |
| GPR31 |
| GPRIN2 |
| GRIK5 |
| GRIN1 |
| GRM6 |
| GYG2 |
| HBQ1 |
| HCRT |
| HEATR7B1 |
| HELT |
| HHIP |
| HIST1H1A |
| HIST1H4G |
| HIST2H3A |
| HIST3H2A |
| HMGB4 |
| HOGA1 |
| HOXA11 |
| HOXC6 |
| HOXD3 |
| HRC |
| HRH3 |
| HSD3B1 |
| IAPP |
| IFNA4 |
| IGKV1D-13 |
| IL17B |
| IL17REL |
| IL20 |
| IL36B |
| INMT |
| INSL5 |
| IQCF3 |
| IQCF6 |
| IZUMO2 |
| JAKMIP3 |
| KAZALD1 |
| KCND2 |
| KCNJ11 |
| KCNJ16 |
| KCNK1 |
| KCNK18 |
| KCNK4 |
| KCNK9 |
| KCNN1 |
| KIAA0284 |
| KIAA1549 |
| KIAA1751 |
| KIF17 |
| KISS1 |
| KITLG |
| KLC3 |
| KLKB1 |
| KRT32 |
| KRT82 |
| KRTAP10-5 |
| KRTAP13-1 |
| KRTAP22-1 |
| KRTAP3-1 |
| KRTAP4-12 |
| KRTAP4-3 |
| KRTAP4-7 |
| KRTAP4-8 |
| KRTAP5-6 |
| KRTAP5-7 |
| KRTAP6-1 |
| KRTAP9-7 |
| LAMC2 |
| LCE3D |
| LCN8 |
| LCNL1 |
| LELP1 |
| LEPREL1 |
| LGALS14 |
| LGI2 |
| LHFPL3 |
| LOC100129125 |
| LOC100129721 |
| LOC100130370 |
| LOC100130701 |
| LOC100131023 |
| LOC100131432 |
| LOC100131763 |
| LOC100131894 |
| LOC100132146 |
| LOC100132363 |
| LOC100288884 |
| LOC100289094 |
| LOC100505775 |
| LOC100505841 |
| LOC100506403 |
| LOC100506650 |
| LOC100507145 |
| LOC100508383 |
| LOC100509861 |
| LOC100652790 |
| LOC100652874 |
| LOC145945 |
| LOC158960 |
| LOC283387 |
| LOC284930 |
| LOC285300 |
| LOC286299 |
| LOC338667 |
| LOC442366 |
| LOC643327 |
| LOC647983 |
| LOC727915 |
| LOC727993 |
| LOC728254 |
| LOC729059 |
| LOC729187 |
| LOC729879 |
| LPPR3 |
| LRIG3 |
| LRP1B |
| LRRC2 |
| LRRC30 |
| LRRC31 |
| LRRN2 |
| LRRN4 |
| LRRTM1 |
| LY6H |
| MAGEL2 |
| MAP1LC3C |
| MB |
| ME1 |
| MECOM |
| MED18 |
| MEGF11 |
| MEOX1 |
| METTL21CP1 |
| METTL7B |
| MGC20647 |
| MOS |
| MS4A10 |
| MTNR1B |
| MUC3 |
| MUC3A |
| MUC5AC |
| MXRA5 |
| MYBPH |
| MYBPHL |
| MYF5 |
| MYL10 |
| MYL2 |
| NALCN |
| NES |
| NEURL1B |
| NEUROD2 |
| NGB |
| NIM1 |
| NMNAT2 |
| NOG |
| NRG2 |
| NRXN2 |
| NTM |
| NUPR1 |
| NXNL1 |
| OC90 |
| ODF3L2 |
| ODF4 |
| OPALIN |
| OPN4 |
| OPRL1 |
| OR10J3 |
| OR10W1 |
| OR12D3 |
| OR13C8 |
| OR1J1 |
| OR1J4 |
| OR1K1 |
| OR2AG1 |
| OR2AG2 |
| OR2D2 |
| OR2J2 |
| OR2T6 |
| OR3A3 |
| OR4A15 |
| OR4C3 |
| OR4F15 |
| OR4M1 |
| OR4N5 |
| OR51G1 |
| OR51I2 |
| OR52L1 |
| OR56A4 |
| OR5A2 |
| OR5C1 |
| OR5H1 |
| OR8B3 |
| OR8U1 |
| OR9G4 |
| OTC |
| OTP |
| OTX1 |
| PADI3 |
| PAGE1 |
| PAQR6 |
| PAX8 |
| PCDH15 |
| PCDHB11 |
| PCDHB8 |
| PCSK1N |
| PFN3 |
| PIH1D2 |
| PITX1 |
| PKD1L2 |
| PLA2G5 |
| PLA2R1 |
| PNMA6A |
| PNPLA5 |
| POMT2 |
| POU3F4 |
| PPIAL4G |
| PPP1R1C |
| PRAMEF12 |
| PRAMEF13 |
| PRODH2 |
| PROKR2 |
| PROM1 |
| PRR23B |
| PRSS27 |
| PSG1 |
| PTGER1 |
| PTGER3 |
| PTPRS |
| PYDC2 |
| Q4E7A0 |
| Q952V6 |
| RAB3IL1 |
| RAD21L1 |
| RASAL1 |
| RASEF |
| RFX4 |
| RGS22 |
| RHOV |
| RNASE11 |
| RNU11 |
| RUNDC3A |
| SALL4 |
| SCARA3 |
| SCG5 |
| SCUBE1 |
| SDCBP2 |
| SDIM1 |
| SEMA4G |
| SEMA5B |
| SERPINA5 |
| SERPINA7 |
| SH2D4B |
| SHANK1 |
| SHANK2 |
| SHISA6 |
| SLC19A3 |
| SLC22A8 |
| SLC26A10 |
| SLC29A4 |
| SLC38A8 |
| SLC5A1 |
| SLC6A11 |
| SLCO6A1 |
| SMOC2 |
| SNAP91 |
| SNORA33 |
| SNORA65 |
| SORBS1 |
| SPANXN4 |
| SPANXN5 |
| SPINT4 |
| SPTBN2 |
| SPTBN4 |
| SRCIN1 |
| SRPX2 |
| SSTR4 |
| ST6GALNAC5 |
| STAC2 |
| STC1 |
| SULT4A1 |
| SV2C |
| SYCP1 |
| SYN3 |
| SYT3 |
| TAAR2 |
| TBX2 |
| TFF1 |
| TGFA |
| TINAGL1 |
| TM4SF5 |
| TM6SF2 |
| TMCC2 |
| TMPRSS11E |
| TNAP |
| TRDN |
| TREH |
| TRIM10 |
| TRIM47 |
| TRIM72 |
| TRPM5 |
| TSPAN8 |
| TTBK1 |
| UMODL1 |
| WBSCR17 |
| WFDC2 |
| WFIKKN1 |
| WISP3 |
| WNK3 |
| WNT9B |
| ZAN |
| ZNF366 |
| ZNF492 |
| C1orf64 |
| GNB4 |