



Express Gene™ Cardio-Pulmonary Disorders (Cardiac-Pulmonary) Panel

List of 258 genes covered in the panel:

ABCC9, ACTA2, ACTC1, ACTN2, ACVRL1, ADAMTS2, AKAP9, ALDH18A1, ALMS1, ALPK3, ANK2, ANKRD1, APOB, ATP6V0A2, ATP6V1E1, ATP7A, B3GALT6, B3GAT3, B4GALT7, BAG3, BGN, BMPR2, BRAF, CACNA1C, CACNA2D1, CACNB2, CALM1, CALM2, CALM3, CASQ2, CAV1, CAV3, CBS, CCDC39, CCDC40, CFTR, CHAT, CHRM2, CHRNA1, CHRNB1, CHRND, CHRNE, CHST14, COL11A1, COL11A2, COL12A1, COL1A1, COL1A2, COL2A1, COL3A1, COL5A1, COL5A2, COL9A1, COL9A2, COL9A3, COLQ, CRYAB, CSF2RA, CSF2RB, CSRP3, CTNNA3, DES, DKC1, DMD, DNAAF1, DNAAF2, DNAH1, DNAH11, DNAH5, DNAI1, DNAI2, DNAL1, DOLK, DSC2, DSE, DSG2, DSP, DTNA, EDN3, EFEMP2, EIF2AK4, ELMOD2, ELN, EMD, ENG, EYA4, F9, FBLN5, FBN1, FBN2, FHL1, FKBP14, FKRP, FKTN, FLCN, FLNA, FLNC, FOXF1, GAA, GAS8, GATA4, GATA5, GATA6, GATAD1, GDF2, GJA5, GLA, GLRA1, GNB5, GPD1L, HCN4, HERG, HFE, HPS1, HPS4, HRAS, ILK, ITGA3, JPH2, JUP, KCNA5, KCND3, KCNE1, KCNE1L, KCNE2, KCNE3, KCNE5, KCNH2, KCNJ2, KCNJ5, KCNJ8, KCNK3, KCNQ1, KRAS, LAMA4, LAMP2, LDB3, LDLR, LDLRAP1, LMNA, LOX, LRRC10, LTBP4, MAP2K1, MAP2K2, MAT2A, MECP2, MED12, MFAP5, MIB1, MURC, MYBPC3, MYH11, MYH6, MYH7, MYL2, MYL3, MYL4, MYLK, MYLK2, MYOZ2, MYPN, NAF1, NEBL, NEXN, NF1, NKX2-1, NKX2-5, NME8, NOTCH1, NRAS, PARN, PCSK9, PDLIM3, PHOX2B, PIH1D3, PKP2, PLN, PLOD1, PPA2, PRDM16, PRDM5, PRKAG2, PRKG1, PTPN11, PYCR1, RAF1, RANGRF, RAPSN, RASA1, RBM20, RET, RIN2, RIT1, RSPH3, RSPH4A, RSPH9, RTEL1, RYR2, SCN10A, SCN1B, SCN2B, SCN3B, SCN4A, SCN4B, SCN5A, SCNN1A, SCNN1B, SERPINA1, SFTPA1, SFTPA2, SFTPB, SFTPC, SGCD, SHOC2, SKI, SLC2A10, SLC34A2, SLC39A13, SLC6A5, SLC7A7, SMAD2, SMAD3, SMAD4, SMAD9, SMPD1, SNTA1, SOS1, STAT3, TAZ, TBX20, TCAP, TECRL, TERC, TERT, TGFB2, TGFB3, TGFB1, TGFB2, TINF2, TMEM43, TMPO, TNNC1, TNNI3, TNNT2, TNXB, TOR1AIP1, TPM1, TRDN, TRPM4, TSC1, TSC2, TTN, TTR, TXNRD2, VCL, ZEB2, ZNF469

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