



Express Gene™ Hearing Impairment Genetic Testing Panel

List of 254 genes covered in the panel:

ABHD12, ACTB, ACTG1, ADCY1, ADGRV1, AIFM1, ALMS1, AMMECR1, ANKH, ANLN, ARSG, ASAH1, ATP2B2, ATP6V1B1, BCS1L, BDP1, BLOC1S6, BRAF, BSND, BTBD, CABP2, CACNA1D, CATSPER2, CCDC50, CD151, CD164, CDC14A, CDC42, CDH23, CDKN1C, CEACAM16, CEP250, CEP290, CEP78, CHD7, CHSY1, CIB2, CISD2, CLDN14, CLIC5, CLPP, CLRN1, COCH, COL11A1, COL11A2, COL17A1, COL1A1, COL2A1, COL3A1, COL4A3, COL4A4, COL4A5, COL4A6, COL5A1, COL5A2, COL9A1, COL9A2, COL9A3, CRYM, CYBA, DCAF17, DCDC2, DIABLO, DIAPH1, DIAPH3, DLX5, DMXL2, DNMT1, DSPP, EDN3, EDNRA, EDNRB, EFTUD2, EIF3F, ELMOD3, EPS8, EPS8L2, ERCC2, ERCC3, ESPN, ESRRB, EYA1, EYA4, FAM136A, FAM65B, FDXR, FGF3, FGFR1, FGFR2, FGFR3, FITM2, FOXC1, FOXI1, GATA3, GDF6, GFER, GIPC3, GJA1, GJB2, GJB3, GJB6, GLI3, GPM2, GREB1L, GRHL2, GRXCR1, GRXCR2, GSDME, HARS, HARS2, HGF, HOMER2, HOXA1, HOXA2, HOXB1, HSD17B4, IGF1, ILDR1, KARS, KCNE1, KCNJ10, KCNQ1, KCNQ4, KIT, KITLG, KMT2D, LARS2, LHFPL5, LHX3, LMX1A, LOXHD1, LRP2, LRTOMT, MAN2B1, MANBA, MARVELD2, MASP1, MET, MGP, MIR96, MITF, MPZL2, MSRB3, MT-ATP8, MT-CO1, MT-CO2, MT-CYB, MT-ND1, MT-ND4, MT-ND6, MT-RNR1, MT-TC, MT-TE, MT-TF, MT-TH, MT-TK, MT-TL1, MT-TS1, MT-TS2, MT-TV, MT-TW, MYH14, MYH9, MYO15A, MYO1A, MYO3A, MYO6, MYO7A, NARS2, NDP, NDRG1, NEFL, NF2, NIPBL, NLRP3, NOG, OPA1, OSBPL2, OTOA, OTOF, OTOG, OTOGL, P2RX2, PAX1, PAX2, PAX3, PCDH15, PDSS1, PDZD7, PEX1, PEX6, PHEX, PJVK, PMP22, PNPT1, POLR1C, POLR1D, POU3F4, POU4F3, PRPS1, PRRX1, PTPRQ, RDX, REST, RIPOR2, ROR1, S1PR2, SEMA3E, SERAC1, SERPINB6, SIX1, SIX5, SLC12A2, SLC17A8, SLC19A2, SLC26A4, SLC26A5, SLC4A11, SLC52A2, SLC52A3, SLITRK6, SMAD4, SMPX, SNAI2, SOBP, SOX10, SOX9, SPATA5, SPTBN4, STRC, SYNE4, SYT2, TBC1D24, TBL1X, TCOF1, TECTA, TIMM8A, TJP2, TMC1, TMEM126A, TMEM132E, TMIE, TMPRSS3, TNC, TNFRSF11B, TPRN, TRIOBP, TSPEAR, TWNK, USH1C, USH1G, USH2A, WFS1, WHRN

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