

# Gen-Panels Schwerhörigkeit

LI

## Hinweise:

- Gen-Panels mit mehr als 10 Genen dürfen gemäss Analysenliste des BAG nur durch Ärzte mit einem FMH-Titel Medizinische Genetik verordnet werden.
- Die Gen-Panels sind nicht endgültig und können je nach Fragestellung auf Wunsch angepasst werden.
- Die Gen-Panels können abhängig von der aktuellen Datenlage zum Zeitpunkt der Analysen von denjenigen auf dieser Liste abweichen.

## Schwerhörigkeit, umfassendes Panel v7 (255 Gene)

*ABCC1, ABHD12, ACTB, ACTG1, ADCY1, ADGRV1, AIFM1, ALMS1, AMMECR1, ANKH, AP1S1, ARSG, ATP1A3, ATP2B2, ATP6V1B1, ATP6V1B2, BCAP31, BCS1L, BDP1, BSND, BTBD, CABP2, CACNA1D, CCDC50, CD151, CD164, CDC14A, CDC45, CDC6, CDH23, CDKN1C, CDT1, CEACAM16, CEP250, CEP78, CHD7, CHSY1, CIB2, CISD2, CLDN14, CLDN9, CLIC5, CLPP, CLRN1, CLRN2, COCH, COG4, COL11A1, COL11A2, COL2A1, COL4A3, COL4A4, COL4A5, COL4A6, COL9A1, COL9A2, COL9A3, COLEC11, CRYM, DCAF17, DCDC2, DIABLO, DIAPH1, DIAPH3, DLX5, DMXL2, DNMT1, DSPP, EDN3, EDNRB, EIF3F, ELMOD3, EPS8, EPS8L2, ERAL1, ESPN, ESRP1, ESRRB, EXOSC2, EYA1, EYA4, FDXR, FGF3, FITM2, FOXF2, FOXI1, GAB1, GATA3, GGPS1, GIPC3, GJA1, GJB2, GJB3, GJB6, GMNN, GPRASP2, GPSM2, GRAP, GREB1L, GRHL2, GRXCR1, GRXCR2, GSDME, HAAO, HARS1, HARS2, HGF, HOMER2, HOXA2, HOXB1, HSD17B4, ILDR1, KARS1, KCNE1, KCNJ10, KCNQ1, KCNQ4, KDM3B, KIT, KITLG, LARS2, LHFPL5, LHX3, LMX1A, LOXHD1, LRP2, LRTOMT, MAN2B1, MANBA, MARVELD2, MASP1, MCM2, MCM5, MET, MGP, MIR96, MITF, MN1, MORC2, MPZL2, MSRB3, MYH14, MYH9, MYO15A, MYO3A, MYO6, MYO7A, NARS2, NDP, NF2, NLRP3, OPA1, ORC1, ORC4, ORC6, OSBPL2, OTOA, OTOF, OTOG, OTOGL, P2RX2, PAX2, PAX3, PCDH15, PDE1C, PDSS1, PDZD7, PEX1, PEX6, PISD, PJVK, PLS1, PMP22, PNPT1, POLR1C, POLR1D, POU3F4, POU4F3, PPIP5K2, PRPS1, PTPRQ, RDX, REST, RIPOR2, RMND1, RNF220, ROR1, RPS6KA3, S1PR2, SALL1, SALL4, SCD5, SEMA3E, SERAC1, SERPINB6, SGPL1, SIX1, SIX5, SLC12A2, SLC17A8, SLC19A2, SLC26A4, SLC26A5, SLC29A3, SLC33A1, SLC44A4, SLC4A11, SLC52A2, SLC52A3, SLITRK6, SMAD4, SMPX, SNAI2, SOX10, SOX2, SPATA5, SPATC1L, SPNS2, SPTBN4, STRC, STXB3, SUCLA2, SYNE4, TBC1D24, TBL1X, TBX1, TCOF1, TECTA, TFAP2A, THOC1, TIMM8A, TMC1, TMEM132E, TMIE, TMPRSS3, TMTC2, TNC, TOP2B, TPRN, TRIOBP, TRRAP, TSHZ1, TSPEAR, TUBB4B, TWNK, TYR, USH1C, USH1G, USH2A, USP48, WBP2, WFS1, WHRN, XYLT2, YARS1*

## Schwerhörigkeit, nichtsyndromal v7 (128 Gene)

*ABCC1, ACTG1, ADCY1, AIFM1, ATP2B2, BDP1, CABP2, CCDC50, CD164, CDC14A, CDH23, CEACAM16, CIB2, CLDN14, CLDN9, CLIC5, CLRN2, COCH, COL11A1, COL11A2, COL4A6, CRYM, DCDC2, DIABLO, DIAPH1, DIAPH3, DMXL2, ELMOD3, EPS8, EPS8L2, ESPN, ESRP1, ESRRB, EYA4, FOXF2, FOXI1, GAB1, GIPC3, GJB2, GJB3, GJB6, GPRASP2, GRAP, GREB1L, GRHL2, GRXCR1, GRXCR2, GSDME, HGF, HOMER2, ILDR1, KARS1, KCNJ10, KCNQ4, KITLG, LHFPL5, LMX1A, LOXHD1, LRTOMT, MARVELD2, MCM2, MET, MIR96, MPZL2, MSRB3, MYH14, MYH9, MYO15A, MYO3A, MYO6, MYO7A, NARS2, NLRP3, OSBPL2, OTOA, OTOF, OTOG, OTOGL, P2RX2, PCDH15, PDE1C, PDZD7, PJVK, PLS1, PNPT1, POU3F4, POU4F3, PPIP5K2, PRPS1, PTPRQ, RDX, REST, RIPOR2, RNF220, ROR1, S1PR2, SCD5, SERPINB6, SIX1, SLC12A2, SLC17A8, SLC26A4, SLC26A5, SLC44A4, SMPX, SPATC1L, SPNS2, STRC, SYNE4, TBC1D24, TECTA, THOC1, TMC1, TMEM132E, TMIE, TMPRSS3, TMTC2, TNC, TOP2B, TPRN, TRIOBP, TRRAP, TSPEAR, USH1C, USP48, WBP2, WFS1, WHRN*

**Schwerhörigkeit, syndromal v7 (150 Gene)**

*ABHD12, ACTB, ACTG1, ADGRV1, AIFM1, ALMS1, AMMECR1, ANKH, AP1S1, ARSG, ATP1A3, ATP6V1B1, ATP6V1B2, BCAP31, BCS1L, BSND, BTBD, CACNA1D, CD151, CDC45, CDC6, CDH23, CDKN1C, CDT1, CEP250, CEP78, CHD7, CHSY1, CIB2, CISD2, CLPP, CLRN1, COG4, COL11A1, COL11A2, COL2A1, COL4A3, COL4A4, COL4A5, COL4A6, COL9A1, COL9A2, COL9A3, COLEC11, DCAF17, DLX5, DNMT1, DSPP, EDN3, EDNRB, EIF3F, ERAL1, ESPN, EXOSC2, EYA1, FDXR, FGF3, FITM2, FOXI1, GATA3, GGPS1, GJA1, GMNN, GPM2, HAAO, HARS1, HARS2, HOXA2, HOXB1, HSD17B4, KCNE1, KCNJ10, KCNQ1, KDM3B, KIT, LARS2, LHX3, LRP2, MAN2B1, MANBA, MASP1, MCM5, MGP, MITF, MN1, MORC2, MYH9, MYO7A, NARS2, NDP, NF2, NLRP3, OPA1, ORC1, ORC4, ORC6, PAX2, PAX3, PCDH15, PDSS1, PDZD7, PEX1, PEX6, PISD, PMP22, POLR1C, POLR1D, PRPS1, RMND1, RPS6KA3, SALL1, SALL4, SEMA3E, SERAC1, SGPL1, SIX1, SIX5, SLC12A2, SLC19A2, SLC26A4, SLC29A3, SLC33A1, SLC4A11, SLC52A2, SLC52A3, SLITRK6, SMAD4, SNAI2, SOX10, SOX2, SPATA5, SPTBN4, STXBP3, SUCLA2, TBL1X, TBX1, TCOF1, TFAP2A, TIMM8A, TSHZ1, TUBB4B, TWNK, TYR, USH1C, USH1G, USH2A, WFS1, WHRN, XYLT2, YARS1*