**پانل های ناشنوایی**

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| **ردیف** | **نام بیماری** | **تعداد ژن** | **ژن های مورد بررسی** |
| 1 | Hearing loss, nonsyndromic, autosomal recessive and X-linked | 53 | CABP2, CDH23, CIB2, CLDN14, CLIC5, COL11A2, COL4A6, DFNB31, DFNB59, ESPN, ESRRB, GIPC3, GJB2, GJB3, GJB6, GPSM2, GRXCR1, HGF, ILDR1, KARS, LHFPL5, LOXHD1, LRTOMT, MARVELD2, MSRB3, MYO15A, MYO3A, MYO6, MYO7A, OTOA, OTOF, OTOG, OTOGL, PCDH15, POU3F4, PRPS1, PTPRQ, RDX, SERPINB6, SLC26A4, SLC26A5, SLITRK6, SMPX, STRC, TECTA, TMC1, TMC2, TMIE, TMPRSS3, TPRN, TRIOBP, TSPEAR, USH1C |
| 2 | Hearing Loss, nonsyndromic, autosomal dominant and X-linked | 35 | ACTG1, CCDC50, CEACAM16, COCH, COL11A2, COL4A6, CRYM, DFNA5, DIABLO, DIAPH1, DIAPH3, DSPP, EYA4, GJB2, GJB3, GJB6, GRHL2, KCNQ4, MIR96, MYH14, MYH9, MYO1A, MYO6, MYO7A, POU3F4, POU4F3, PRPS1, SLC17A8, SMPX, TECTA, TJP2, TMC1, TMC2, TNC, WFS1 |
| 3 | Syndromic Hearing Loss | 62 | ABHD12, ALMS1, ANKH, ATP6V1B1, BSND, CACNA1D, CD151, CDH23, CDKN1C, CHD7, CHSY1, CIB2, CLRN1, COL11A1, COL11A2, COL2A1, COL4A3, COL4A4, COL4A5, COL4A6, COL9A1, COL9A2, COL9A3, DFNB31, DLX5, EDN3, EDNRB, EYA1, FGF3, FOXI1, GATA3, GPR98, HOXB1, KCNE1, KCNJ10, KCNQ1, MANBA, MITF, MYO7A, NDP, NLRP3, PAX3, PCDH15, PDZD7, POLR1C, POLR1D, SEMA3E, SIX1, SIX5, SLC19A2, SLC26A4, SLITRK6, SNAI2, SOX10, TCOF1, TFAP2A, TIMM8A, TYR, USH1C, USH1G, USH2A, WFS1 |
| 4 | Complete Panel- Hearing Loss | 126 | ABHD12, ACTG1, ALMS1, ANKH, ATP6V1B1, BSND, CABP2, CACNA1D, CCDC50, CD151, CDH23, CDKN1C, CEACAM16, CHD7, CHSY1, CIB2, CLDN14, CLIC5, CLRN1, COCH, COL11A1, COL11A2, COL2A1, COL4A3, COL4A4, COL4A5, COL4A6, COL9A1, COL9A2, COL9A3, CRYM, DFNA5, DFNB31, DFNB59, DIABLO, DIAPH1, DIAPH3, DLX5, DSPP, EDN3, EDNRB, ESPN, ESRRB, EYA1, EYA4, FGF3, FOXI1, GATA3, GIPC3, GJB2, GJB3, GJB6, GPR98, GPSM2, GRHL2, GRXCR1, HGF, HOXB1, ILDR1, KARS, KCNE1, KCNJ10, KCNQ1, KCNQ4, LHFPL5, LOXHD1, LRTOMT, MANBA, MARVELD2, MIR96, MITF, MSRB3, MYH14, MYH9, MYO15A, MYO1A, MYO3A, MYO6, MYO7A, NDP, NLRP3, OTOA, OTOF, OTOG, OTOGL, PAX3, PCDH15, PDZD7, POLR1C, POLR1D, POU3F4, POU4F3, PRPS1, PTPRQ, RDX, SEMA3E, SERPINB6, SIX1, SIX5, SLC17A8, SLC19A2, SLC26A4, SLC26A5, SLITRK6, SMPX, SNAI2, SOX10, STRC, TCOF1, TECTA, TFAP2A, TIMM8A, TJP2, TMC1, TMC2, TMIE, TMPRSS3, TNC, TPRN, TRIOBP, TSPEAR, TYR, USH1C, USH1G, USH2A, WFS1 |