

Table S1. 68 Deafness-causative genes

No	Locus Symbol	Gene Symbol	Gene ID	Transcript Variant
1	DFNA1	<i>DIAPH1</i>	NM_005219	NM_001079812
2	DFNA2	<i>KCNQ4</i>	NM_004700	NM_172163
3	DFNA2	<i>GJB3</i>	NM_024009	NM_001005752
4	DFNA3	<i>GJB6</i>	NM_006783	NM_001110219 NM_001110220 NM_001110221
5	DFNA4	<i>MYH14</i>	NM_024729	NM_001145809 NM_001077186
6	DFNA5	<i>DFNA5</i>	NM_004403	NM_001127454 NM_001127453
7	DFNA6/14/38	<i>WFS1</i>	NM_006005	NM_001145853
8	DFNA8/12/DFNB21	<i>TECTA</i>	NM_005422	–
9	DFNA9/31	<i>COCH</i>	NM_004086	NM_001135058
10	DFNA10	<i>EYA4</i>	NM_004100	NM_172103 NM_172105
11	DFNA11/DFNB2/USH1B	<i>MYO7A</i>	NM_000260	NM_001127179 NM_001127180
12	DFNA13/DFNB53/STL3	<i>COL11A2</i>	NM_080680	NM_080679 NM_080681 NM_001163771
13	DFNA15	<i>POU4F3</i>	NM_002700	–
14	DFNA17	<i>MYH9</i>	NM_002473	–
15	DFNA20/DFNB26	<i>ACTG1</i>	NM_001614	NM_001199954
16	DFNA22/DFNB37	<i>MYO6</i>	NM_004999	–
17	DFNA25	<i>SLC17A8</i>	NM_139319	NM_001145288
18	DFNA28	<i>GRHL2</i>	NM_024915	–
19	DFNA36/DFNB7/11	<i>TMC1</i>	NM_138691	–
20	DFNA40	<i>CRYM</i>	NM_001888	NM_001014444
21	DFNA44	<i>CCDC50</i>	NM_178335	NM_174908
22	DFNA48	<i>MYO1A</i>	NM_005379	–
23	DFNA50	<i>MIRN96</i>		
24	DFNA51	<i>TJP2</i>	NM_001170414	NM_004817 NM_201629 NM_001170630 NM_001170415 NM_001170416
25	DFNA64	<i>DIABLO</i>	NM_019887	NM_138929
26		<i>CEACAM16</i>	NM_001039213	–
27	DFNB1/DFNA3	<i>GJB2</i>	NM_004004	–
28	DFNB3	<i>MYO15A</i>	NM_016239	–
29	DFNB4/Pendred	<i>SLC26A4</i>	NM_000441	–
30	DFNB6	<i>TMIE</i>	NM_147196	–

31 DFNB8/10	<i>TMPRSS3</i>	NM_024022	NM_032405
32 DFNB9	<i>OTOF</i>	NM_194248	NM_194322 NM_194323 NM_004802
33 DFNB12	<i>CDH23</i>	NM_022124	NM_001171930 NM_001171931 NM_001171932 NM_001171933 NM_001171934 NM_001171936 NM_052836
34 DFNB15/72/95	<i>GIPC3</i>	NM_133261	–
35 DFNB16	<i>STRC</i>	NM_153700	–
36 DFNB18/USH1C	<i>USH1C</i>	NM_153676	NM_005709
37 DFNB22	<i>OTOA</i>	NM_144672	NM_001161683 NM_170664
38 DFNB23/USH1F	<i>PCDH15</i>	NM_033056	NM_001142763 NM_001142764 NM_001142765 NM_001142766 NM_001142767 NM_001142769 NM_001142770 NM_001142771 NM_001142772 NM_001142773
39 DFNB24	<i>RDX</i>	NM_002906	–
40 DFNB25	<i>GRXCR1</i>	NM_001080476	–
41 DFNB28	<i>TRIOBP</i>	NM_007032	NM_138632 NM_001039141
42 DFNB29	<i>CLDN14</i>	NM_144492	NM_001146077 NM_001146078 NM_001146079 NM_012130
43 DFNB30	<i>MYO3A</i>	NM_017433	–
44 DFNB31/USH2D	<i>WHRN</i>	NM_015404	NM_001083885 NM_001173425
45 DFNB35	<i>ESRRB</i>	NM_004452	–
46 DFNB36	<i>ESPN</i>	NM_031475	–
47 DFNB39	<i>HGF</i>	NM_000601	NM_001010931 NM_001010932 NM_001010933 NM_001010934
48 DFNB42	<i>ILDR1</i>	NM_001199799	NM_001199800 NM_175924
49 DFNB48	<i>CIB2</i>	NM_006383	NM_001271888 NM_001271889
50 DFNB49	<i>MARVELD2</i>	NM_001038603	NM_001244734

51 DFNB59	<i>DFNB59</i>	NM_001042702	–
52 DFNB61	<i>SLC26A5</i>	NM_206883	NM_001167962 NM_206884 NM_206885 NM_198999
53 DFNB63	<i>LRTOMT</i>	NM_001145307	NM_001145308 NM_001205138 NM_145309
54 DFNB66/67	<i>LHFPL5</i>	NM_182548	–
55 DFNB70	<i>PNPT1</i>	NM_033109	–
56 DFNB74	<i>MSRB3</i>	NM_198080	NM_001031679 NM_001193460 NM_001193461
57 DFNB77	<i>LOXHD1</i>	NM_144612	NM_001173129 NM_001145472 NM_001145473
58 DFNB79	<i>TPRN</i>	NM_001128228	–
59 DFNB82	<i>GPSM2</i>	NM_013296	–
60 DFNB84	<i>PTPRQ</i>	NM_001145026	–
61 DFNB89	<i>KARS</i>	NM_005548	NM_001130089
62 DFNB91	<i>SERPINB6</i>	NM_004568	NM_001195291
63 DFNB93	<i>CABP2</i>	NM_016366	–
64 USH2A	<i>USH2A</i>	NM_007123	NM_206933
65 DFNX1	<i>PRPS1</i>	NM_002764	NM_001204402
66 DFNX2	<i>POU3F4</i>	NM_000307	–
67 DFNX4	<i>SMPX</i>	NM_014332	–
68 DFNX6	<i>COL4A6</i>	NM_001847	NM_033641
