

Sample ID	Inheritance Type	Sex	Age	Hearing Loss Onset	Type of Hearing Loss	Previous Genetic Testing	Solved	Novel Causative Mutation?	n Total Variants	n High Quality Variants	n NS/SS/I Variants	n Rare NS/SS/I Variants	n Candidate Variants	n Reported DCMs	n Other Disease-Causing Mutations
1	presumed recessive	female	6	congenital	severe-profound	DFNB1 testing	solved	reported mutation	481	452	65	4	3	1	0
2	dominant	female	51	childhood (<18)	severe-profound	DFNB1 testing	not solved	-	456	409	65	5	3	0	0
3	presumed recessive	male	14	childhood (<18)	mild-moderate	DFNB1 testing	solved	novel mutation	519	478	66	4	2	1	0
4	presumed recessive	female	6	childhood (<18)	mild-moderate	DFNB1 testing	solved	novel mutation	450	408	54	4	1	0	0
5	dominant	female	26	childhood (<18)	mild-moderate	no testing	not solved	-	447	406	66	4	1	0	0
6	dominant	male	58	childhood (<18)	mild-moderate	no testing	solved	reported mutation	461	423	62	4	1	1	1
7	presumed recessive	female	58	childhood (<18)	severe-profound	no testing	solved	novel mutation	512	463	57	4	3	0	0
8	presumed recessive	female	15	congenital	mild-moderate	no testing	solved	novel mutation	557	502	71	4	3	0	0
9	dominant	female	70	childhood (<18)	mild-moderate	other gene test	not solved	-	504	457	74	3	2	0	0
10	dominant	male	55	childhood (<18)	mild-moderate	no testing	solved	novel mutation	472	424	62	1	1	1	1
11	dominant	male	69	adult onset (>18)	mild-moderate	no testing	not solved	-	576	518	79	2	1	0	0
12	presumed recessive	male	5	childhood (<18)	severe-profound	DFNB1 testing	not solved	-	537	498	68	3	2	0	0
13	presumed recessive	male	17	childhood (<18)	severe-profound	no testing	not solved	-	497	456	69	3	0	0	0
14	presumed recessive	female	56	adult onset (>18)	severe-profound	other gene test	not solved	-	454	410	54	4	3	0	0
15	presumed recessive	male	68	0	mild-moderate	no testing	solved	reported mutation	408	369	70	3	1	1	0
16	presumed recessive	male	7	childhood (<18)	severe-profound	DFNB1 testing	not solved	-	407	376	77	7	6	2	0
17	sporadic	male	4	congenital	severe-profound	no testing	not solved	-	393	359	81	7	6	1	1
18	sporadic	male	2	congenital	severe-profound	DFNB1 and other gene test	solved	novel mutation	392	353	76	10	9	0	0
19	presumed recessive	female	12	congenital	severe-profound	DFNB1 testing	solved	reported mutation	366	343	72	7	5	1	0
20	presumed recessive	female	9	congenital	severe-profound	DFNB1 testing	not solved	-	396	367	82	4	2	0	0
21	sporadic	male	4	childhood (<18)	asymmetric	DFNB1 and other gene test	not solved	-	466	412	72	4	2	1	1
22	sporadic	female	4	congenital	severe-profound	DFNB1 testing	solved	novel mutation	403	378	65	4	3	0	0
23	dominant	male	5	congenital	severe-profound	no testing	solved	novel mutation	378	350	62	2	1	0	1
24	dominant	-	-	-	-	no testing	not solved	-	345	317	67	1	0	0	0
25	presumed recessive	female	6	childhood (<18)	mild-moderate	DFNB1 testing	solved	reported mutation	357	333	59	7	5	1	1
26	sporadic	female	1	congenital	mild-moderate	no testing	solved	novel mutation	459	436	85	19	17	1	0
27	dominant	male	8	childhood (<18)	mild-moderate	other gene test	solved	reported mutation	399	371	71	1	1	1	0
28	sporadic	male	31	childhood (<18)	mild-moderate	no testing	not solved	-	419	391	80	4	3	0	1
29	presumed recessive	male	50	childhood (<18)	severe-profound	no testing	solved	novel mutation	378	353	69	8	7	2	0
30	dominant	female	10	congenital	mild-moderate	other gene test	not solved	-	367	340	61	2	1	0	0
31	dominant	female	0	congenital	severe-profound	no testing	not solved	-	384	354	74	2	1	0	0
32	dominant	female	47	adult onset (>18)	mild-moderate	no testing	not solved	-	431	393	81	3	1	2	1
33	sporadic	male	6	childhood (<18)	severe-profound	no testing	not solved	-	427	404	84	9	6	0	0
34	sporadic	female	45	congenital	severe-profound	no testing	solved	reported mutation	543	481	72	5	3	1	0
35	presumed recessive	female	0	congenital	severe-profound	no testing	solved	reported mutation	571	468	76	11	5	1	0
36	dominant	female	54	adult onset (>18)	mild-moderate	no testing	not solved	-	539	426	61	5	0	0	0
37	sporadic	female	8	congenital	severe-profound	no testing	not solved	-	610	492	74	7	3	0	0
38	presumed recessive	male	0	congenital	severe-profound	no testing	not solved	-	553	463	64	7	3	0	0
39	presumed recessive	male	5	congenital	severe-profound	no testing	solved	novel mutation	548	452	68	7	3	0	0
40	dominant	female	65	adult onset (>18)	mild-moderate	no testing	solved	novel mutation	602	481	74	6	2	1	0
41	presumed recessive	male	6	congenital	mild-moderate	DFNB1 and other gene test	solved	reported mutation	673	566	90	7	3	1	0
42	dominant	male	8	childhood (<18)	severe-profound	no testing	solved	novel mutation	553	499	66	8	3	2	1
43	presumed recessive	male	0	congenital	severe-profound	no testing	solved	novel mutation	593	487	66	5	2	0	0
44	presumed recessive	male	0	congenital	severe-profound	no testing	solved	reported mutation	585	486	72	11	5	0	0
45	presumed recessive	female	0	congenital	severe-profound	no testing	not solved	-	579	471	75	8	3	0	0

46	sporadic	female	41	congenital	severe-profound	DFNB1 testing	not solved	-	568	450	70	6	1	0	0
47	presumed recessive	female	4	congenital	severe-profound	no testing	not solved	-	792	416	62	10	4	1	0
48	sporadic	female	65	adult onset (>18)	mild-moderate	no testing	not solved	-	643	520	70	6	2	1	1
49	presumed recessive	female	1	congenital	asymmetric	no testing	not solved	-	559	453	74	8	3	0	1
50	dominant	male	43	congenital	severe-profound	no testing	not solved	-	551	446	74	5	2	0	0
51	presumed recessive	male	4	congenital	severe-profound	DFNB1 testing	solved	novel mutation	615	514	84	11	7	1	1
52	sporadic	female	4	congenital	asymmetric	DFNB1 testing	not solved	-	580	473	65	7	1	0	0
53	sporadic	male	15	congenital	asymmetric	no testing	not solved	-	568	468	65	7	2	0	0
54	dominant	female	33	congenital	severe-profound	no testing	not solved	-	629	518	79	6	1	0	0
55	presumed recessive	male	0	congenital	severe-profound	DFNB1 testing	solved	reported mutation	575	457	69	8	3	1	0
56	presumed recessive	male	7	childhood (<18)	mild-moderate	DFNB1 testing	not solved	-	831	495	83	24	3	1	0
57	presumed recessive	female	0	congenital	severe-profound	no testing	not solved	-	609	565	69	7	2	0	0
58	sporadic	female	50	adult onset (>18)	mild-moderate	no testing	not solved	-	619	520	82	9	2	1	0
59	sporadic	female	17	congenital	severe-profound	no testing	solved	novel mutation	608	501	74	10	6	0	0
60	presumed recessive	female	8	congenital	severe-profound	no testing	solved	reported mutation	641	534	86	10	5	1	0
61	sporadic	male	2	congenital	mild-moderate	DFNB1 testing	solved	novel mutation	605	505	77	8	3	0	0
62	sporadic	female	9	childhood (<18)	asymmetric	no testing	not solved	-	795	417	56	6	1	1	0
63	presumed recessive	female	0	congenital	severe-profound	DFNB1 testing	not solved	-	600	495	75	6	2	0	0
64	sporadic	female	11	congenital	asymmetric	DFNB1 and other gene test	not solved	-	623	510	76	6	1	0	0
65	dominant	female	74	adult onset (>18)	mild-moderate	no testing	not solved	-	556	457	71	7	0	1	1
66	dominant	female	21	congenital	severe-profound	no testing	solved	reported mutation	583	472	74	10	4	2	0
67	dominant	male	37	congenital	severe-profound	other gene test	not solved	-	879	471	62	4	0	0	0
68	dominant	male	0	childhood (<18)	mild-moderate	other gene test	not solved	-	600	488	74	6	0	0	0
69	sporadic	female	1	congenital	severe-profound	no testing	not solved	-	572	525	75	11	6	0	0
70	presumed recessive	male	0	congenital	severe-profound	no testing	not solved	-	861	446	66	4	0	0	0
71	presumed recessive	male	0	congenital	severe-profound	no testing	not solved	-	621	517	84	11	5	0	0
72	presumed recessive	female	0	congenital	severe-profound	no testing	solved	novel mutation	599	555	73	7	3	0	0
73	presumed recessive	female	0	congenital	mild-moderate	no testing	solved	reported mutation	599	495	75	6	3	1	0
74	presumed recessive	female	4	congenital	mild-moderate	no testing	not solved	-	555	517	80	5	4	0	0
75	presumed recessive	female	9	childhood (<18)	mild-moderate	no testing	solved	reported mutation	580	526	80	9	4	0	0
76	sporadic	male	14	congenital	severe-profound	no testing	solved	novel mutation	503	456	67	7	4	0	0
77	sporadic	male	7	childhood (<18)	severe-profound	no testing	not solved	-	557	512	79	7	5	0	0
78	presumed recessive	male	2	congenital	severe-profound	no testing	solved	reported mutation	534	493	74	7	7	2	0
79	presumed recessive	female	9	childhood (<18)	mild-moderate	no testing	not solved	-	559	509	64	2	1	0	0
80	sporadic	female	1	congenital	mild-moderate	no testing	not solved	-	571	524	71	3	2	0	0
81	sporadic	female	7	childhood (<18)	asymmetric	no testing	not solved	-	591	541	78	4	3	0	0
82	dominant	female	22	0	severe-profound	no testing	not solved	-	567	524	71	3	2	0	1
83	dominant	female	11	childhood (<18)	severe-profound	no testing	not solved	-	558	508	75	2	1	0	0
84	sporadic	female	8	childhood (<18)	severe-profound	no testing	not solved	-	549	508	69	2	1	0	0
85	dominant	male	7	congenital	mild-moderate	no testing	not solved	-	540	487	79	2	0	1	0
86	dominant	female	13	childhood (<18)	mild-moderate	no testing	not solved	-	596	547	83	3	2	1	1
87	sporadic	male	9	congenital	mild-moderate	no testing	not solved	-	572	526	79	4	2	0	0
88	sporadic	female	10	childhood (<18)	mild-moderate	no testing	not solved	-	565	509	73	1	0	0	0
89	sporadic	female	10	childhood (<18)	mild-moderate	no testing	not solved	-	567	453	63	4	3	0	0
90	sporadic	male	7	congenital	mild-moderate	no testing	not solved	-	645	516	79	7	1	1	1
91	presumed recessive	male	0	congenital	severe-profound	DFNB1 testing	not solved	-	512	403	60	5	4	1	0
92	sporadic	-	-	-	-	no testing	solved	novel mutation	590	475	60	4	3	0	0
93	dominant	male	47	adult onset (>18)	mild-moderate	no testing	solved	reported mutation	603	481	71	1	1	1	0
94	sporadic	male	9	childhood (<18)	mild-moderate	DFNB1 testing	solved	reported mutation	585	510	70	9	7	3	0

95 dominant	male	4 childhood (<18)	mild-moderate	no testing	not solved -	552	480	62	2	1	0	0
96 dominant	female	30 childhood (<18)	mild-moderate	no testing	not solved -	554	490	78	4	2	0	0
97 sporadic	male	2 congenital	mild-moderate	no testing	solved reported mutation	507	433	67	7	5	0	1
98 presumed recessive	female	62 congenital	severe-profound	no testing	solved reported mutation	522	449	64	5	4	1	0
99 dominant	female	13 childhood (<18)	mild-moderate	no testing	solved reported mutation	513	446	68	3	1	2	0
100 recessive	female	11 congenital	mild-moderate	no testing	solved reported mutation	524	385	57	6	5	1	0