



Supplementary Figure 1: Isolation of *deaf14* strain from ENU mutagenesis screen

Acoustic startle responses of 26 G₃ mice from the *deaf14* founder pedigree. Seven mice (red lines) displayed a response below 200 arbitrary units (dotted line). One of these mice was crossed to BALB/c and offspring intercrossed to found the *deaf14* line.

Supplementary Table 1: PCR primers

Name	Sequence
rs3142842-F1	GAAGGTCGGAGTCAACGGATTGTGGAGCTGAGAAGAGGAGG
rs3142842-F2	GAAGGTGACCAAGTTCATGCTGGTGGAGCTGAGAAGAGGAGA
rs3142842-R	ACCGCAGTGCATGGACTTT
rs3676084-F1	GAAGGTCGGAGTCAACGGATTTGCTCCTGCTTGTTAGCTGTCC
rs3676084-F2	GAAGGTGACCAAGTTCATGCTTCTGCTCCTGCTTGTTAGCTGTC T
rs3676084-R	GGTGGGTAGAAATGGAGAGAAT
rs6197793-F1	GAAGGTCGGAGTCAACGGATTAGTATTCCACCACTGGGCTGTA
rs6197793-F2	GAAGGTGACCAAGTTCATGCTTATTCCACCACTGGGCTGC
rs6197793-R	GCAGAACAGGAACCCTCAAT
rs13481117-F1	GAAGGTCGGAGTCAACGGATTTCAAGATTGTTCTCAGATCAGA TTCC
rs13481117-F2	GAAGGTGACCAAGTTCATGCTGTCAAGATTGTTCTCAGATCAGA TTCA
rs13481117-R	TCTACCCACCCACCTATT
MC39	ACTTGCATGGCTCCATTACC
MC40	ACAGCTAGGGCTTGCCTACA
Aspa-F1	GAAGGTCGGAGTCAACGGATTCCACTCGTTCCATTGCCAAGTA A
Aspa-F2	GAAGGTGACCAAGTTCATGCTTCCACTCGTTCCATTGCCAAGTA T
Aspa-R	AGCAGGAAGTGTGACTTACCAA