

Figure S1. Method of hearing assessment in mice using (A and B) ABR and (C and D) DPOAE. DPOAE, distortion product otoacoustic emissions; ABR, auditory brainstem responses.

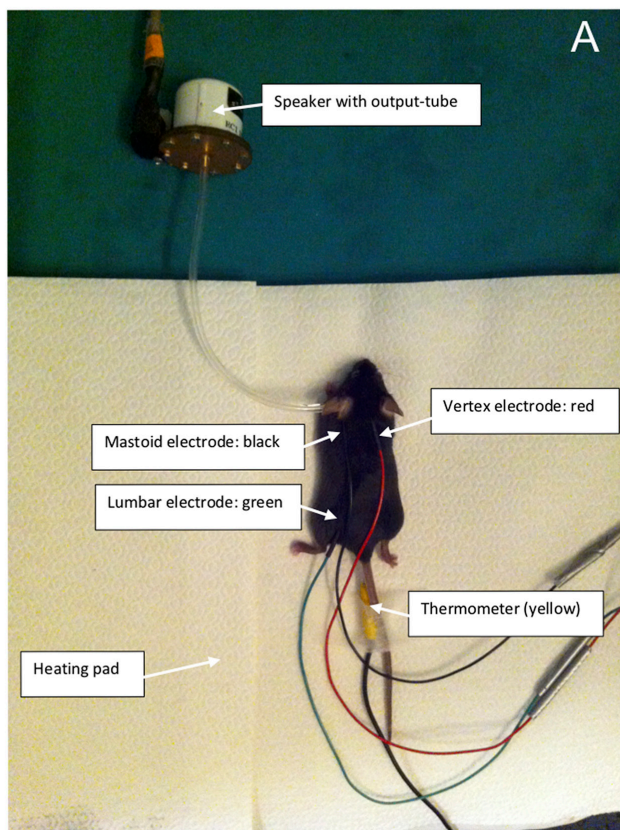


Image A.
Anesthetized mouse on a heating pad, being assessed by ABR on the left ear in a soundproof chamber. The mouse's body temperature is being monitored by a rectal thermometer.

Needle electrodes is inserted subcutaneously at the vertex (active electrode), in the ipsilateral mastoid region (reference electrode) and in the lumbar region (ground electrode).

Speaker with output-tube is placed into the testing ear canal.

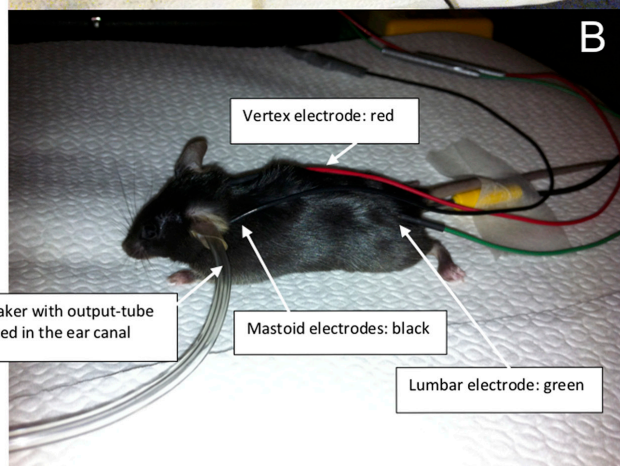


Image B.
Lateral view of the mouse.