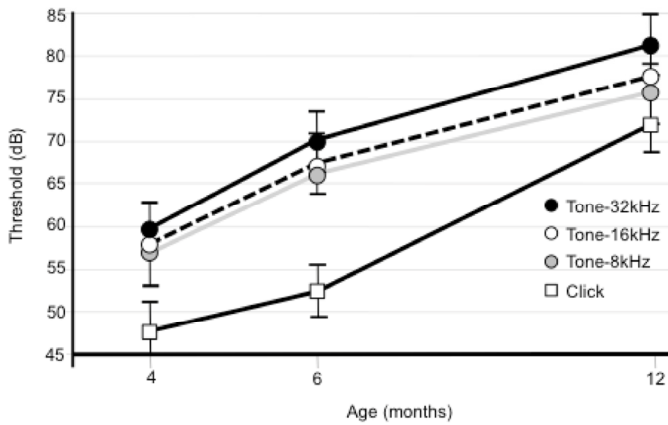
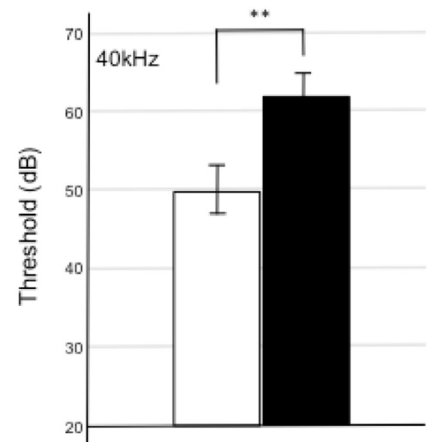


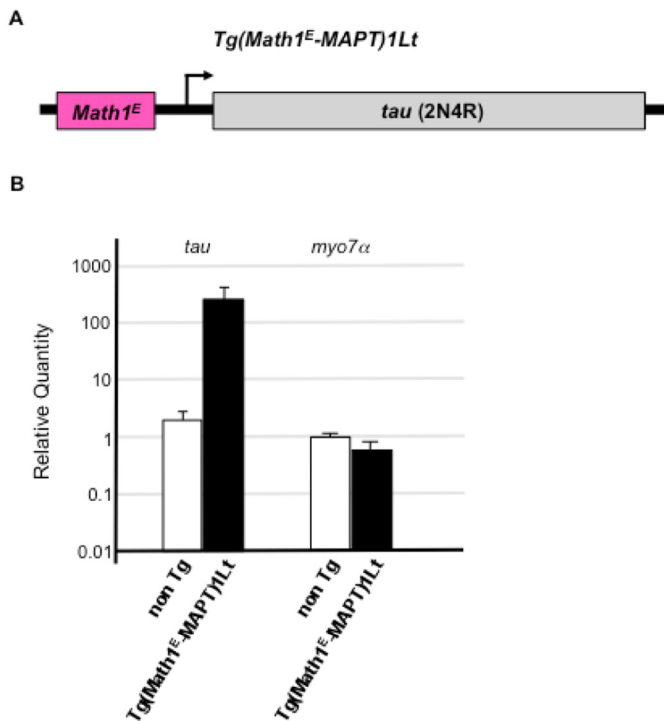
SUPPLEMENTAL FIGURES



Supplemental Figure S1. Increasing ABR threshold with age in C57BL/6 mice. ABR threshold of C57BL/6 (B6) mice at age 2 to 12 months for the 32 kHz tone (black circles), 16 kHz tone (open circles), 8 kHz tone (gray circles), and the click sound (open squares). ABR threshold of C57BL/6 (B6) mice at age 2 to 12 months for the various tones and click sound. N = 4 (2 male, 2 female). Data represent the mean ± SEM.



Supplemental Figure S2. Increasing threshold of 40 kHz sound perception at age 8 months. ABR threshold of 8-month-old *Tg(Math1^E-Aβ42^{Arc})1Lt/129* (black bar) and non-Tg (B6/129; white bar) mice for the 40 kHz tone. Data represent the mean ± SEM. Non-Tg: n = 4 (3 male, 1 female); Tg: n = 4 (2 male, 2 female). **P < 0.01.



Supplemental Figure S3. Establishment of a Tg mouse line expressing MAPT in cochlear hair cells. (A) Representative vector construction for the Tg MAPT mice used in this study. *Tg(Math1^E-MAPT)1Lt* contains human *tau* (2N4R) under the control of the *Math1* minimal enhancer (*Math1^E*) and cytomegalovirus promoter. (B) Expression of *Tg(Math1^E-MAPT)1Lt* mRNA in cochleae was measured by qPCR and normalized to control (*β-actin*) in non-Tg mice.