

Supporting Information

Zhou et al. 10.1073/pnas.1009433107

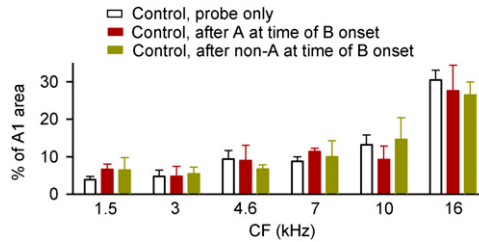


Fig. S1. Percent cortical areas tuned to different frequencies for control rats recorded under different stimulus conditions. Error bars represent mean \pm SEM. No significant differences were found for percent A1 areas determined under different stimulus conditions at each frequency band (ANOVA, all $P > 0.4$).

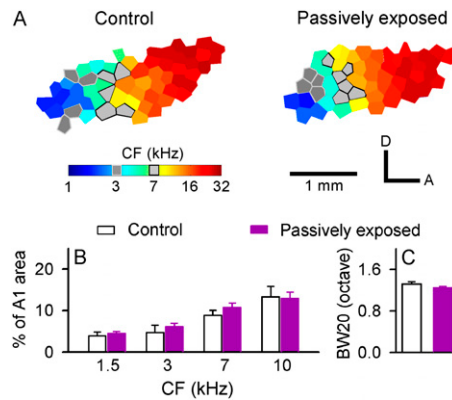


Fig. S2. Cortical frequency representation and response specificity for passively exposed rats ($n = 4$) measured using a conventional mapping procedure compared with control rats ($n = 6$). (A) Representative auditory cortical CF maps. Dark or light-gray polygons indicate recording sites with CF values of 3 or 7 kHz \pm 0.25 octaves. (B) Percent cortical area with a CF range of 0.5 octaves centered at 1.5, 3, 7, or 10 kHz. Error bars represent mean \pm SEM. (C) Average BW20.