



Supplemental Material to:

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Cav1.3 Ca²⁺ channels in mouse inner hair cells**

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Supplementary Figure 1: Voltage-dependent activation of I_{Ca} is not affected by BAPTA in mature IHCs than in immature IHCs

A, Representative traces for I_{Ca} . Currents were evoked by 15–ms depolarizing pulses from a holding voltage of -84 mV. *B*, I - V relationships for currents in *A*. *C*, Conductance-voltage relationships for currents in *B*. Tail current amplitudes were normalized to that obtained with a pulse to $+50$ mV (Norm. tail) and plotted against test voltage. Smooth line represents curve fit from the Boltzmann equation. The parameters for the fits shown were in *C*, $V_h = -24.1$, $k = 9.54$ for P6-8 ($n = 22$), $V_h = -19.0$, $k = 13.1$ for P16-18 ($n = 8$).

