# Supporting Information

## Warthen et al. 10.1073/pnas.1103214108

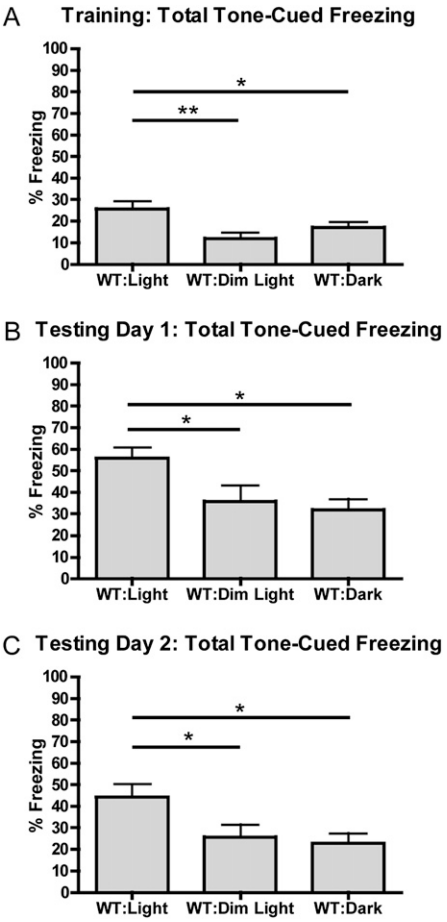


**Fig. S1.** Dim light is not sufficient to enhance freezing in WT mice. Dim light (*Materials and Methods*, main text) does not enhance freezing relative to darkness during conditioning (*A*), testing day 1 (*B*), or testing day 2 (*C*) (Dim Light, $n = 11$; Dark, $n = 17$). Standard light (Light) does enhance freezing relative to dim light and darkness on all days of the protocol (Light, $n = 17$). $*P < 0.05$, $**P < 0.01$. Data are presented as average percentage freezing ± SEM.

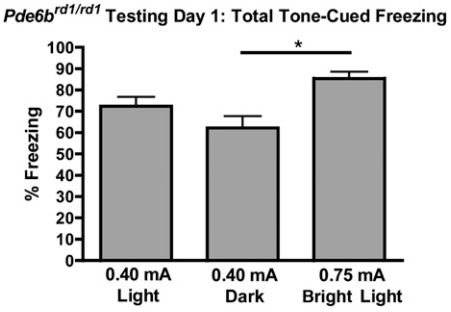


**Fig. S2.** Freezing responses in *Pde6b*$^{rd1/rd1}$ mice are not saturated under the standard experimental paradigm. *Pde6b*$^{rd1/rd1}$ mice conditioned with an intense training protocol ($n = 4$) freeze significantly more than *Pde6b*$^{rd1/rd1}$ mice conditioned under our standard protocol in darkness ($n = 10$). $*P < 0.05$. Data are presented as average percentage freezing ± SEM.