



ERGs of $GNAT^{-/-}$ mice exhibit little A-wave component over light intensities of interest. A) ERGs of $GNAT^{-/-}$ in Ames/Ames' over a range of flash strengths [620, 28745]. Inset shows the complete time course of the bold trace. B) B-wave amplitude from baseline over flash strengths much higher than those used in Figures 6 and 7 of Azevedo and Rieke, 2011. As all rods are dysfunctional in $GNAT^{-/-}$ mice, this suggests that mouse cones make little contribution to the derivation of a rod response in wild type mice. $GNAT^{-/-}$ mice were obtained from Dr. Jim Hurley, University of Washington, Seattle WA.