

Supplementary Figure 1.

WT and Egr3-/- mice require same amount of stimulus during SD. A significant effect of time (F $_{4,88} = 5.967$, p = 0.0003), but no significant effect of genotype (F $_{1,22} = 2.270$, p = 0.1461), and no interaction between time and genotype (F $_{4,88} = 0.3534$, p = 0.8411), was detected on the amount of stimulus required to keep animals awake. The results were unchanged following \log_2 or \log_{10} transformation of the data, conducted to address the observation that both mean and variance seemed to increase with time. Two-way ANOVA with repeated measures, n = 12. Values represent means \pm SEM.