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 log2 or log10 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 ± SEM.