



Supporting Information Figure 1: Cocaine (Coc)-stimulated hyperlocomotion is significantly greater in D2R knockout (D2 KO) mice than in WT mice. Data are taken from Figures 5a and 5b. In 2-way RM ANOVA, there is a significant difference in time ($F(29, 174) = 14.48$, $p < 0.001$), genotype ($F(1, 6) = 9.102$, $p < 0.05$) and the interaction of genotype and time ($F(29, 174) = 1.605$, $p < 0.05$). In post hoc Bonferroni analysis, $**p = 0.01$ ($n=4$).