

Supplementary Data

Supplementary Figures

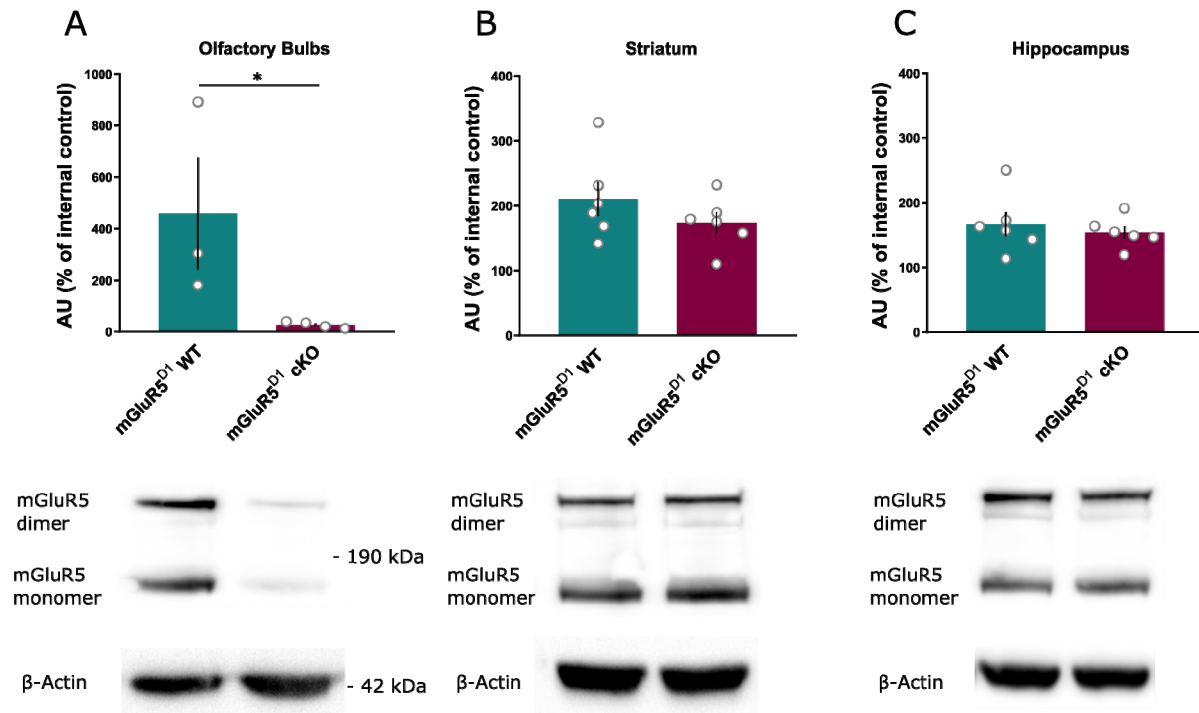


Figure S1. Relative mGluR5 protein level (arbitrary units, % of internal control) in WT and cKO mice (upper panels), with representative blot examples shown (lower panels), **(A)** in the olfactory bulb (Mann-Whitney; $U = 0$; $p = 0.028$; $n = 3$ mGluR5 WT, $n = 4$ mGluR5 cKO), **(B)** striatum (Mann-Whitney; $U = 13$; $p = 0.24$, $n = 6$ mGluR5 WT, $n = 6$ mGluR5 cKO) and **(C)** hippocampus (Mann-Whitney; $U = 16$; $p = 0.4$, $n = 6$ mGluR5 WT, $n = 6$ mGluR5 cKO). Data are presented as individual values, mean \pm SEM.

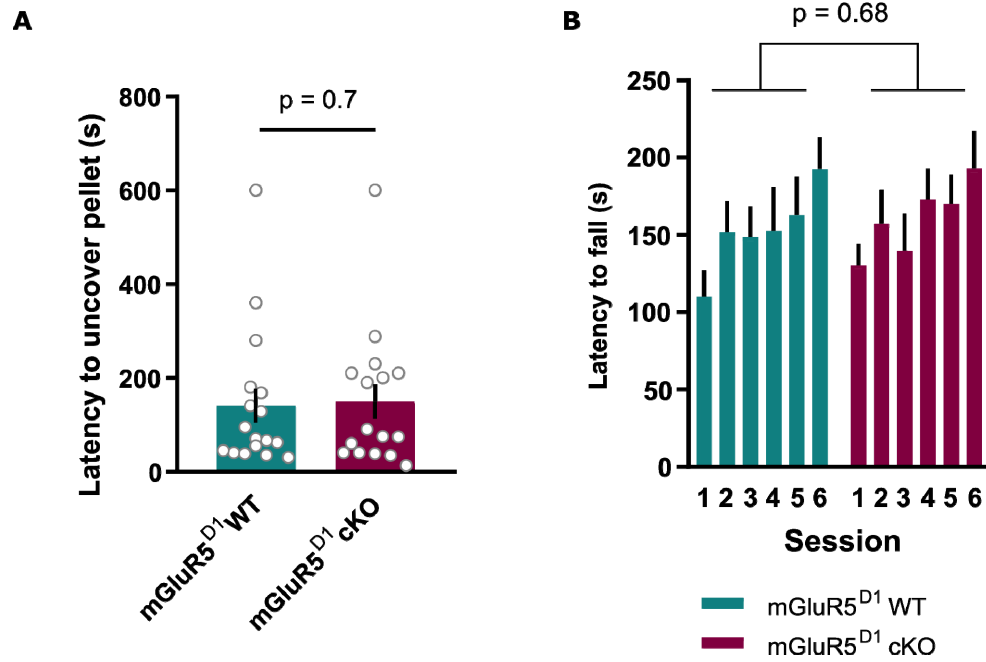


Figure S2. (A) The latency to uncover a food pellet (s) during a 10 min test was similar between mGluR5^{D1} WT (n=17) and cKO (n=16) mice (Mann-Whitney; U=127; p=0.75). Data are presented as individual values, mean \pm SEM. (B) The latency to fall from an accelerating rotarod across six sessions was similar between mGluR5^{D1} WT (n=10) and cKO (n=10) mice: Two-way ANOVA, main effect genotype: $F(1,18) = 0.176$, ns ($p = 0.68$); main effect session: $F(5,90) = 3.12$, $p = 0.012$; interaction effect: $F(5, 90) = 0.174$, ns ($p = 0.97$). Data are presented as mean \pm SEM.