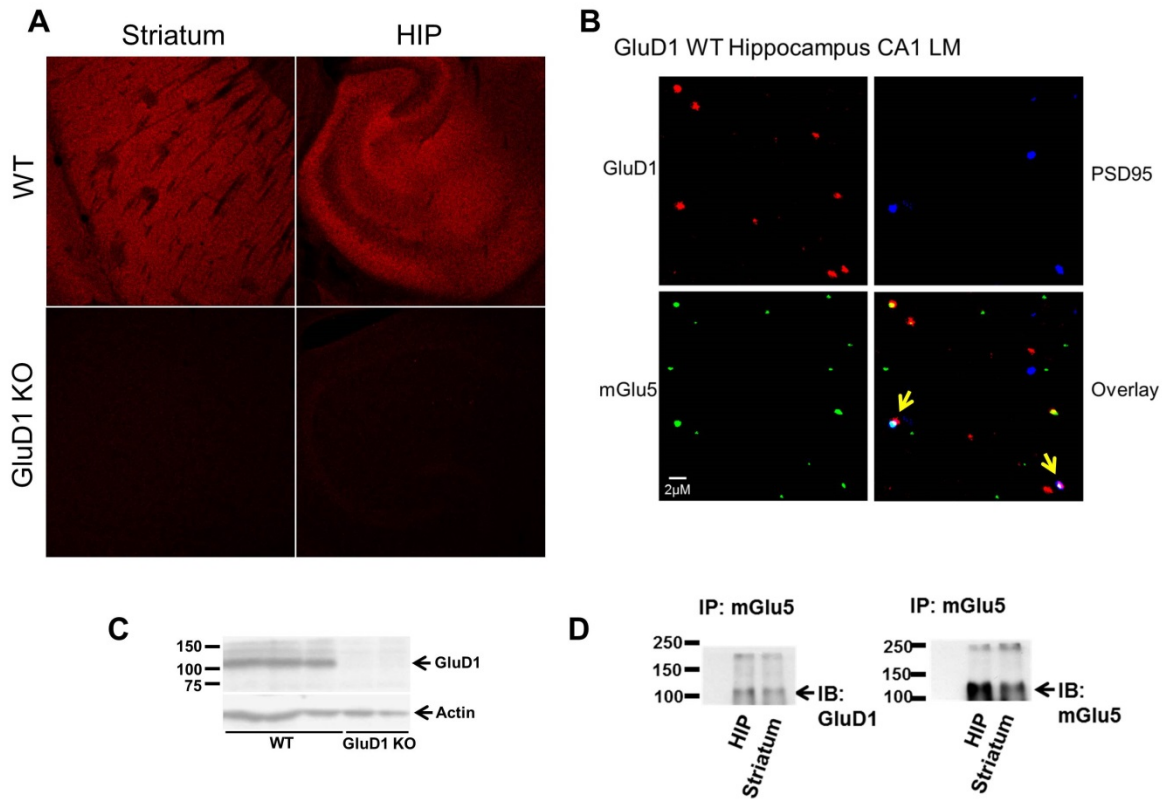


**Title: Glutamate delta-1 receptor regulates metabotropic glutamate receptor 5 signaling in the hippocampus.**

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**Supplementary Figure 1: Interaction between GluD1 and mGlu5.** A] Selectivity of the GluD1 antibody for immunohistochemistry is depicted in both striatum and hippocampus. Negligible staining was observed in GluD1 KO. B] Some of the puncta for GluD1 (red) and mGlu5 (green) co-localized with PSD95 (blue) indicating their synaptic localization. C] Selectivity of GluD1 antibody in western blotting was observed. D] Immunoprecipitation of GluD1 along with mGlu5 was observed in membrane fraction from both hippocampus and striatum.