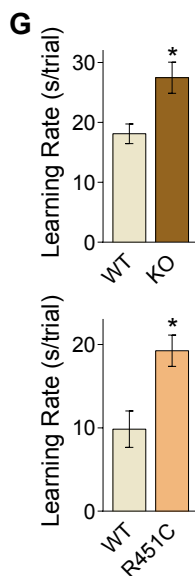
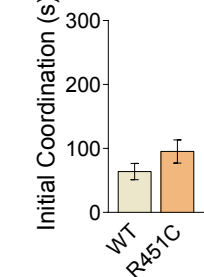
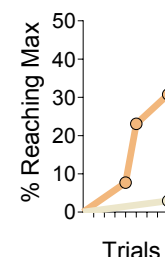
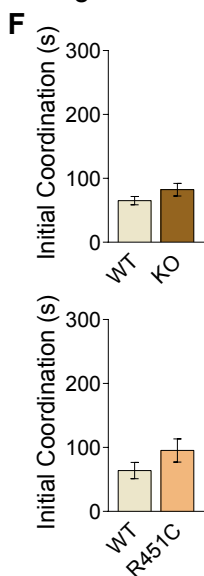
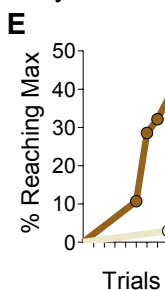
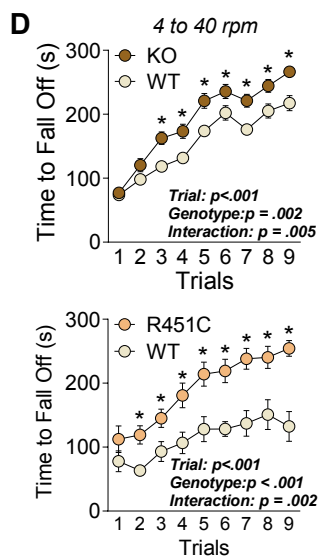
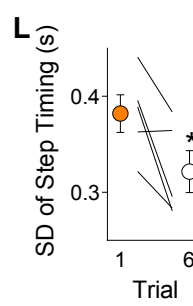
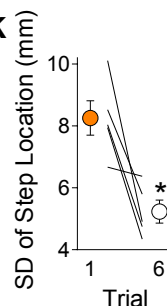
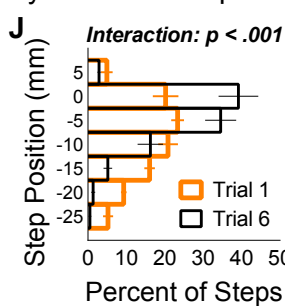
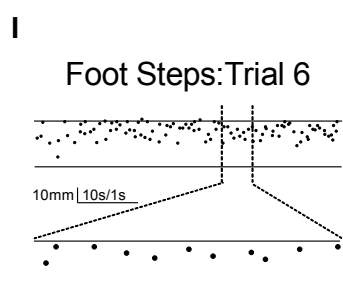
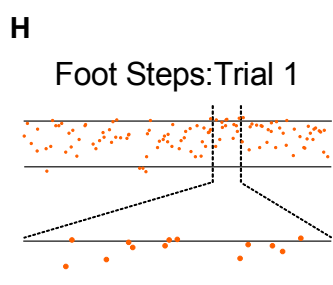


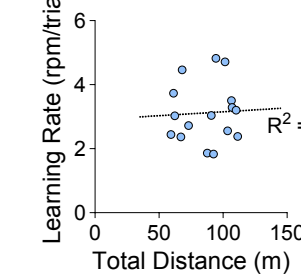
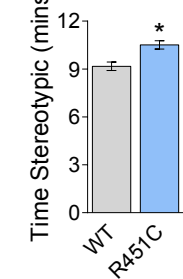
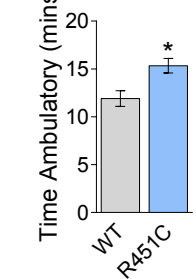
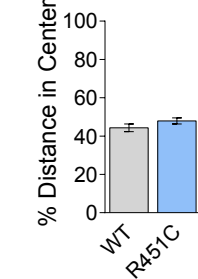
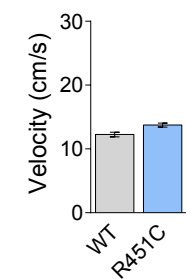
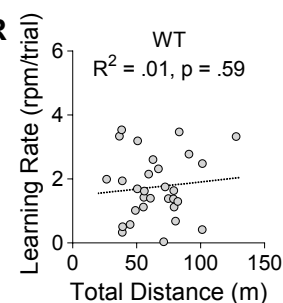
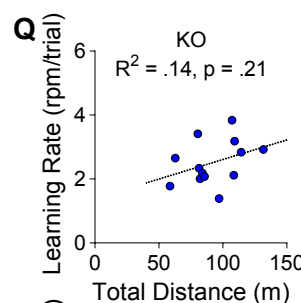
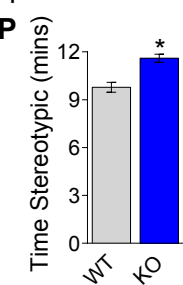
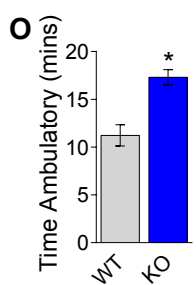
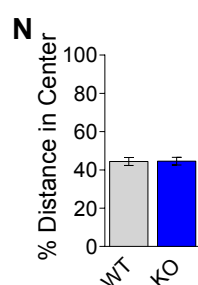
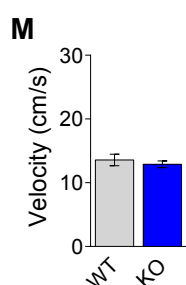
Rotarod: Hybrid Genetic Background



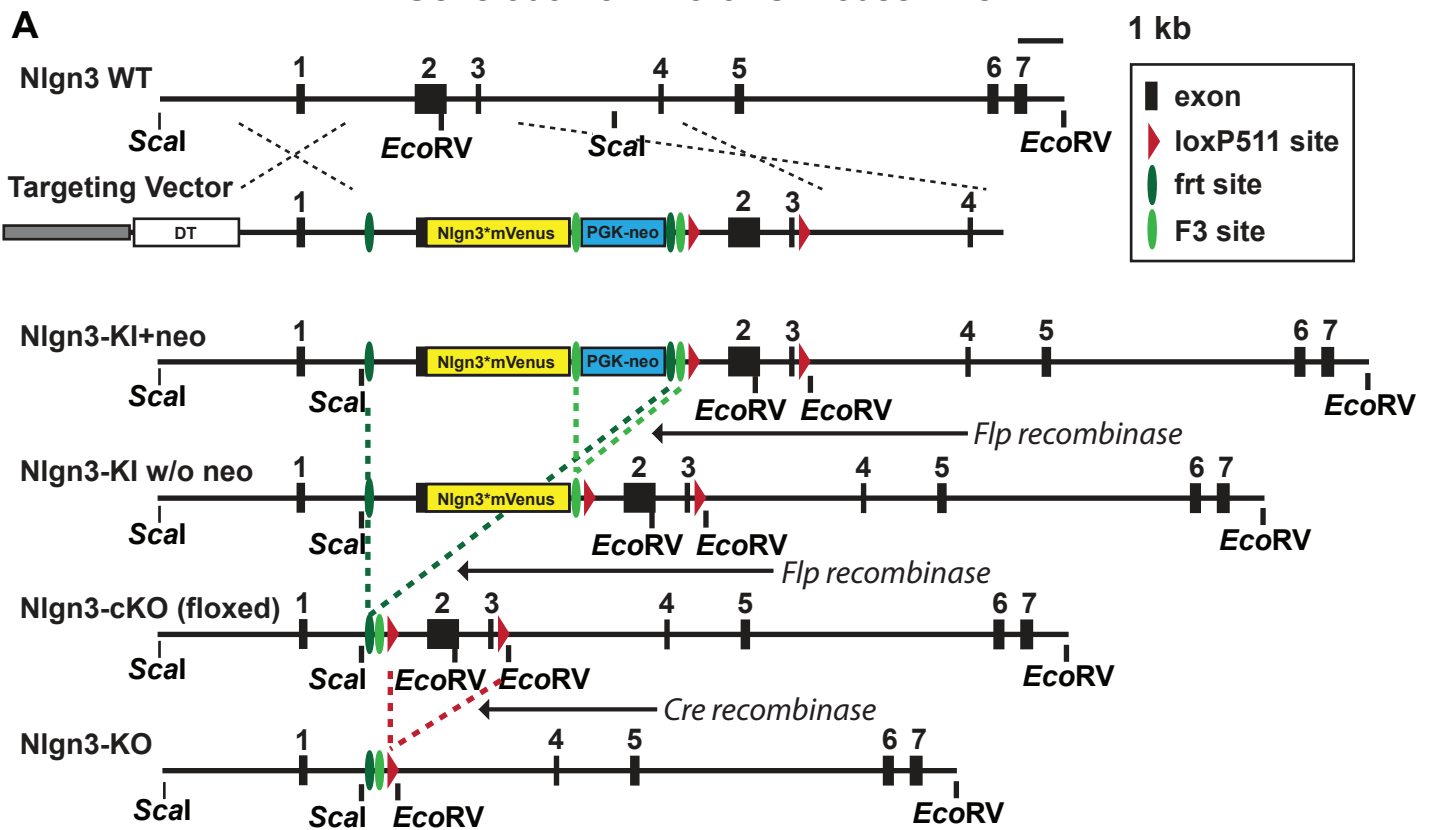
Rotarod: Video Analysis of Foot Steps



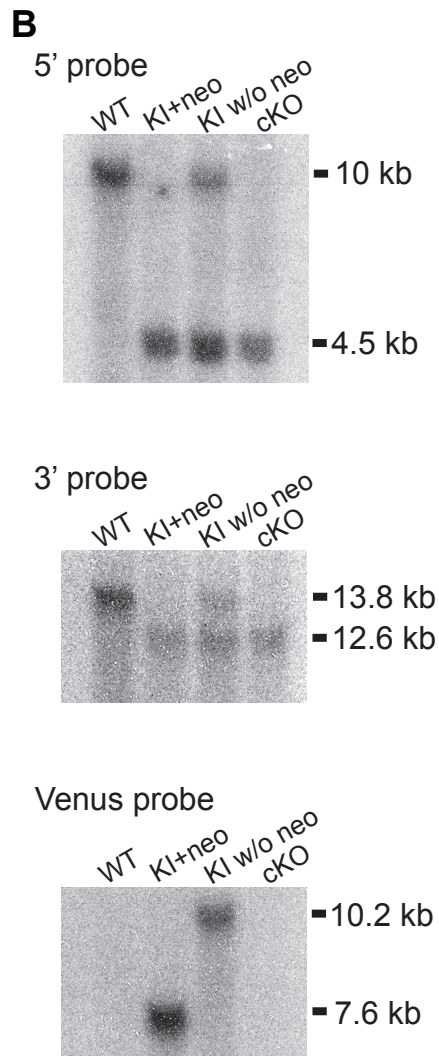
Open Field



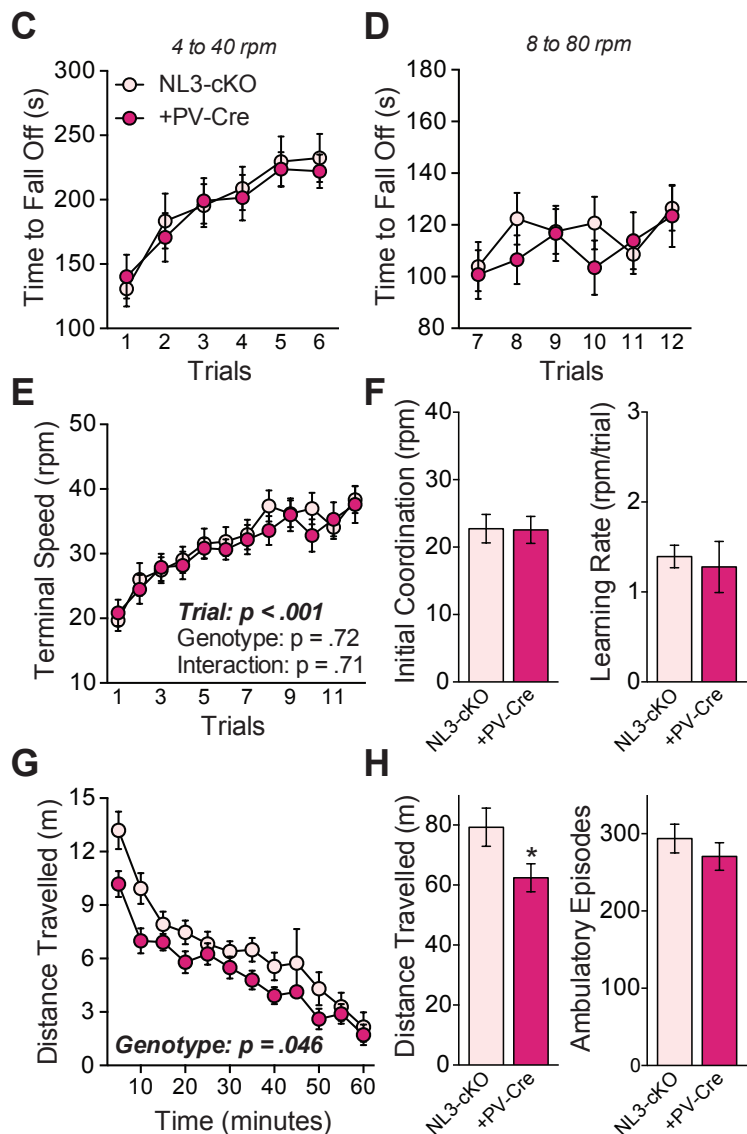
## Generation of NL3-cKO Mouse Line

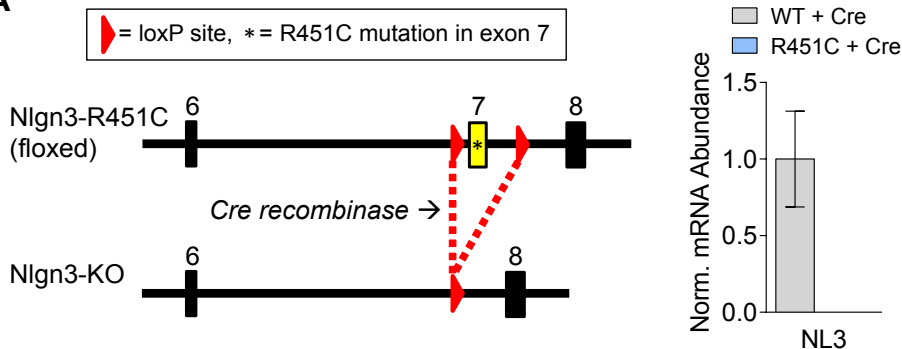


## Southern Blot

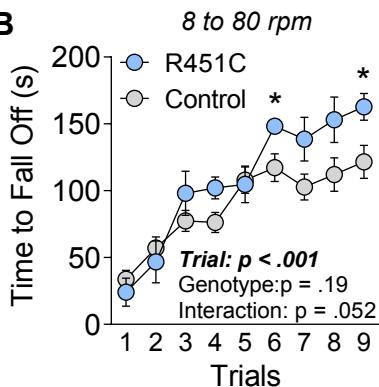
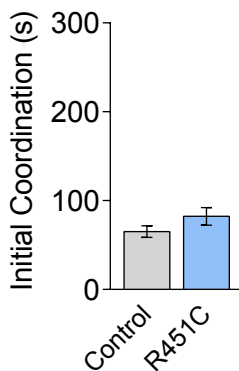
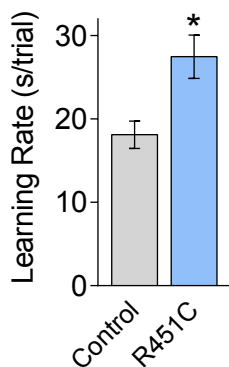


## NL3-cKO x PV-Cre

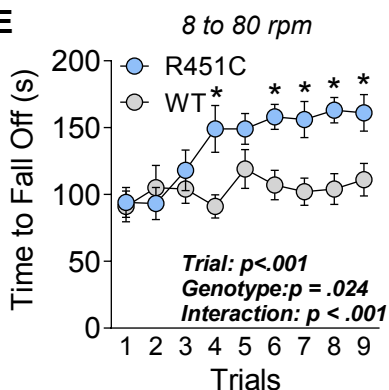
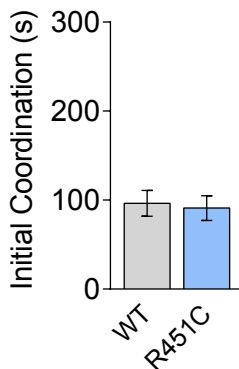
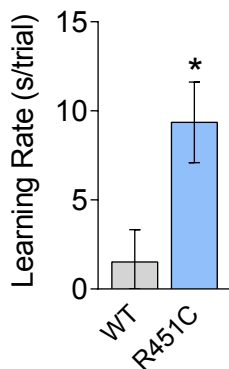


**A**

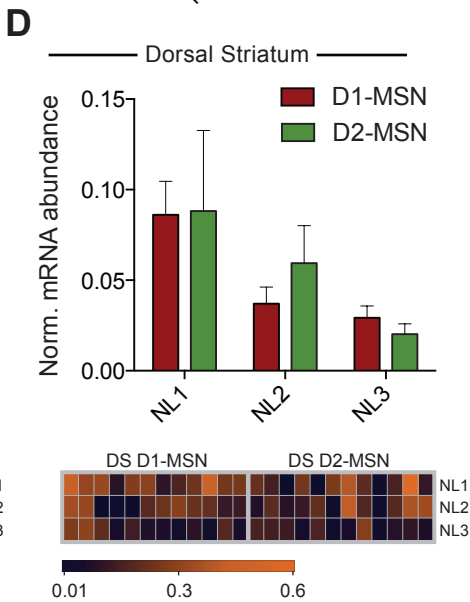
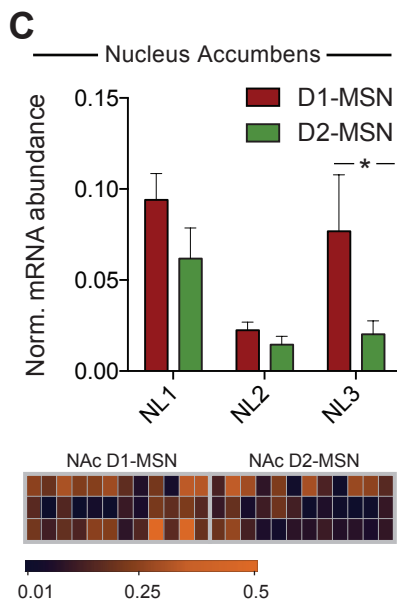
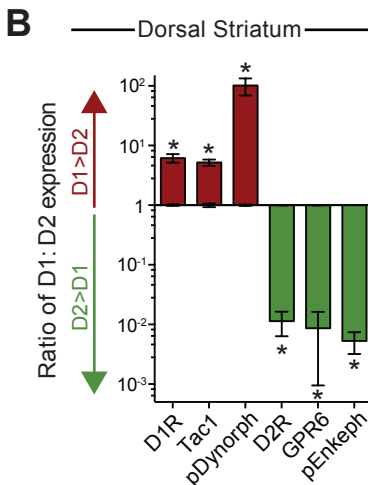
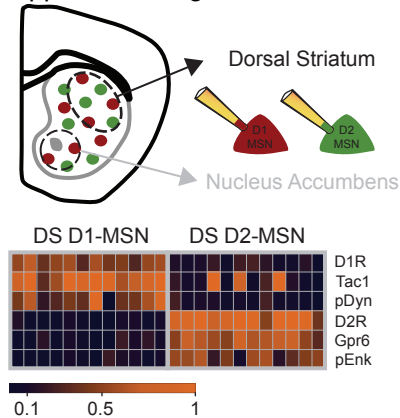
NL3-R451C x D1-Cre

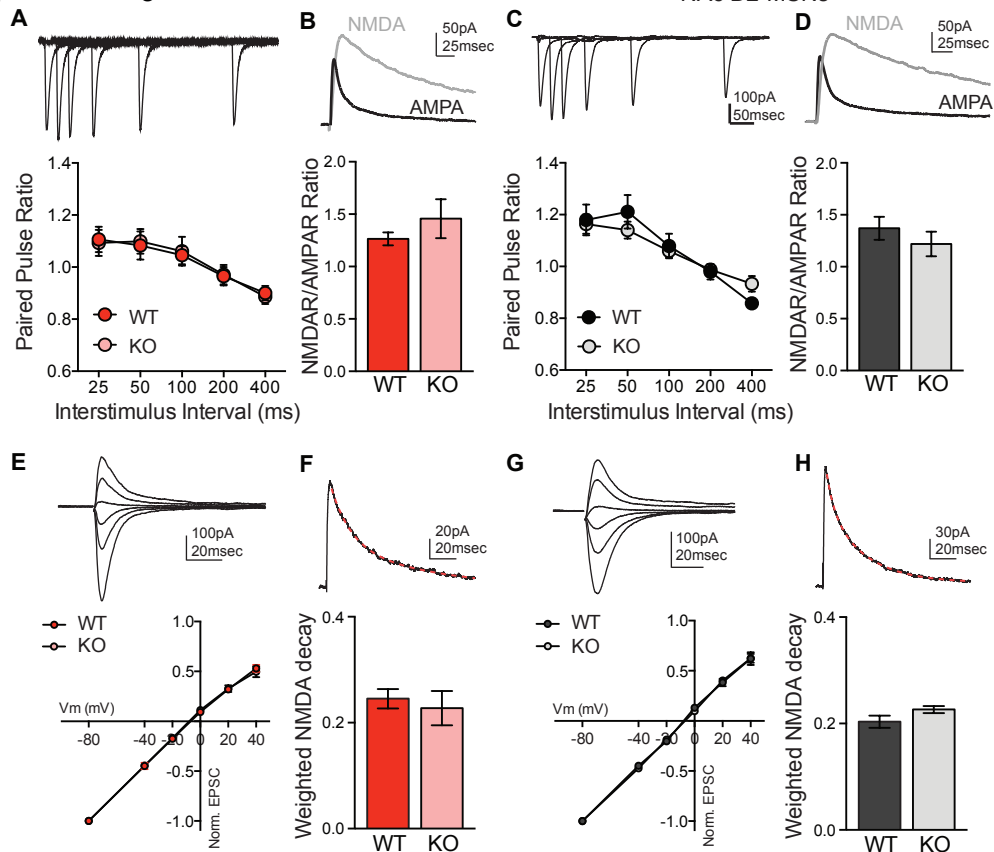
**B****C****D**

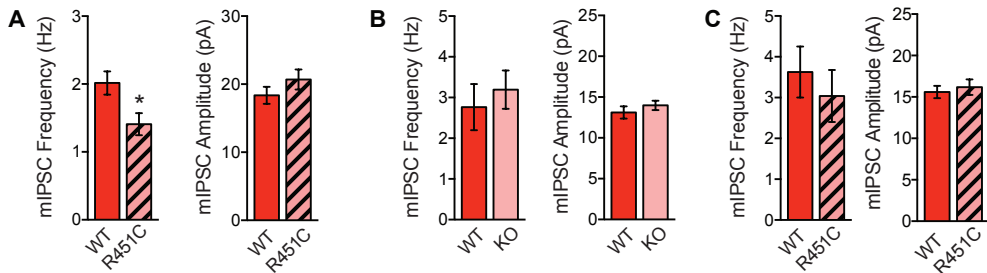
NL3-R451C + AAV-Cre → NAc

**E****F****G**

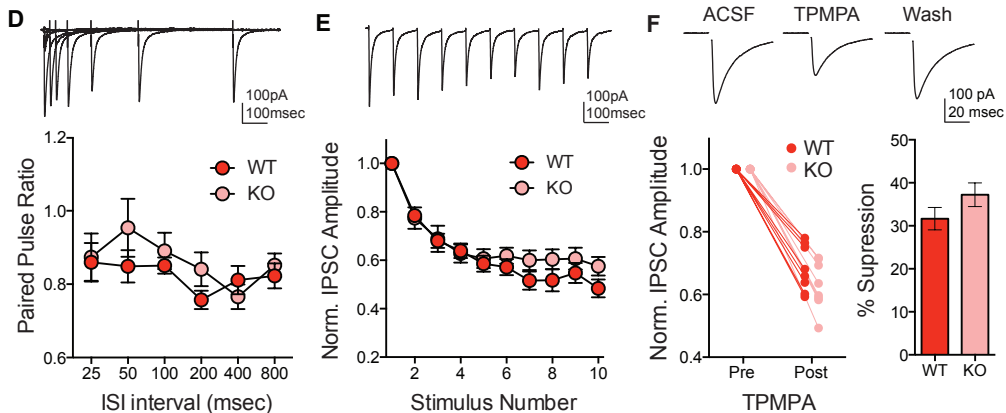
# A Supplemental Figure S4



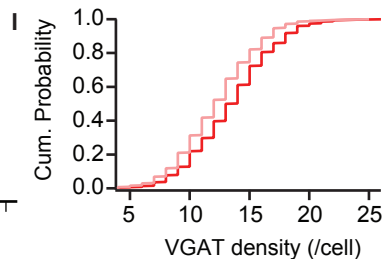
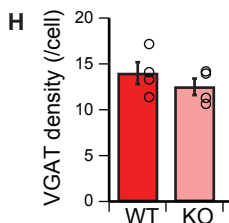
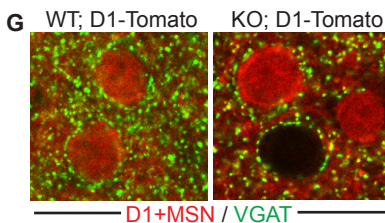




## NAc D1-MSNs

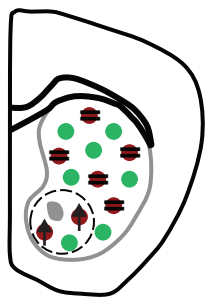


## Inhibitory Synapses

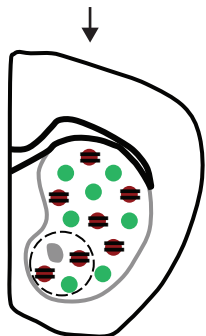
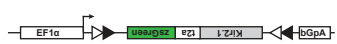


# Supplemental Figure S7

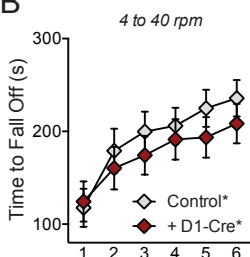
NL3-cKO x D1-Cre



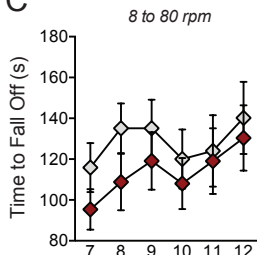
+ AAV-DIO-Kir2.1



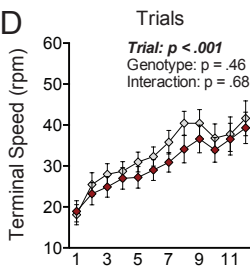
**B**



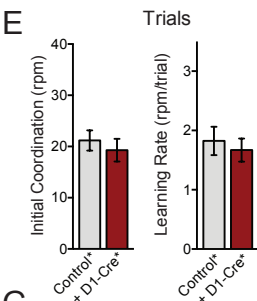
**C**



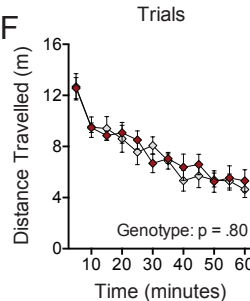
**D**



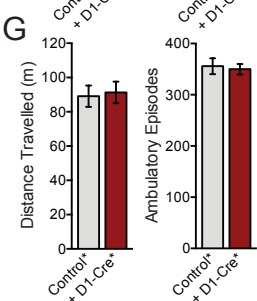
**E**



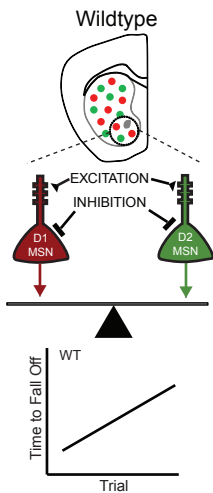
**F**



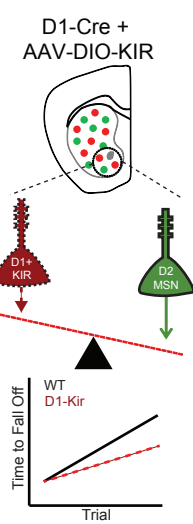
**G**



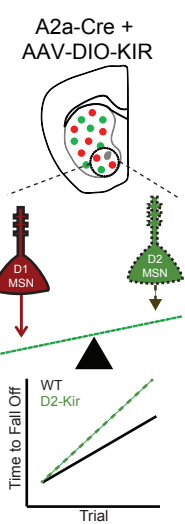
**H**



**I**



**J**



**K**

