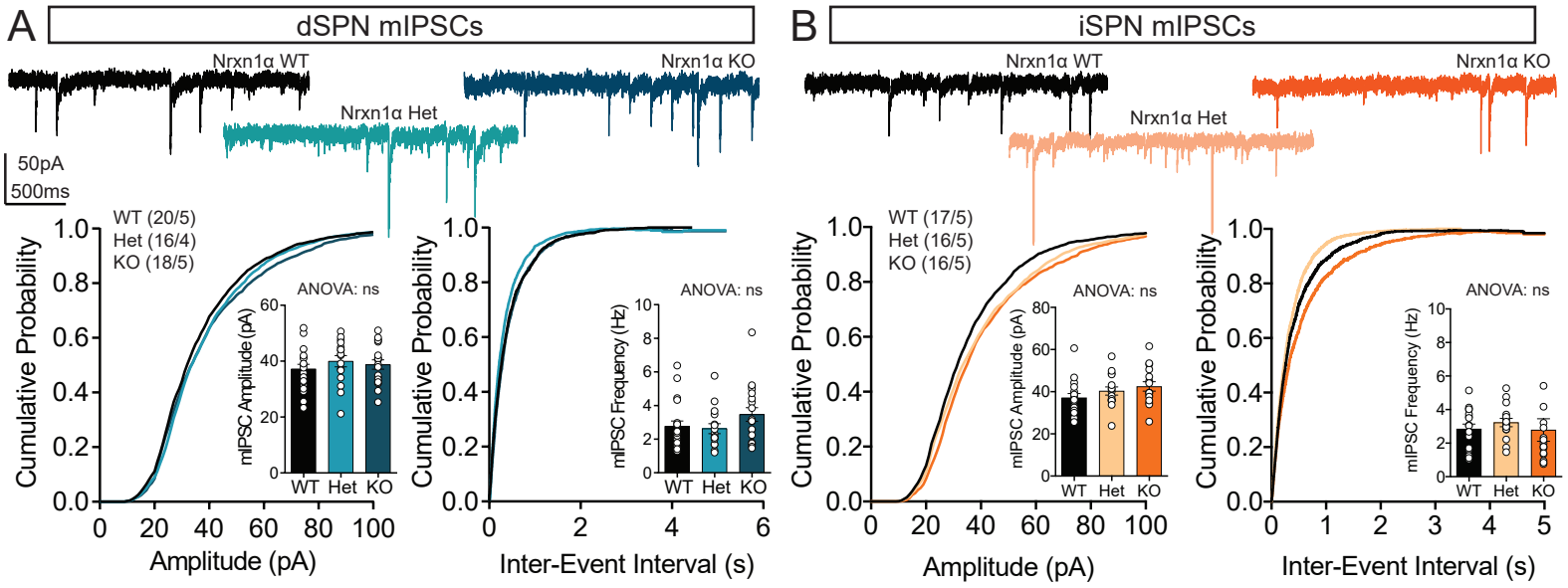
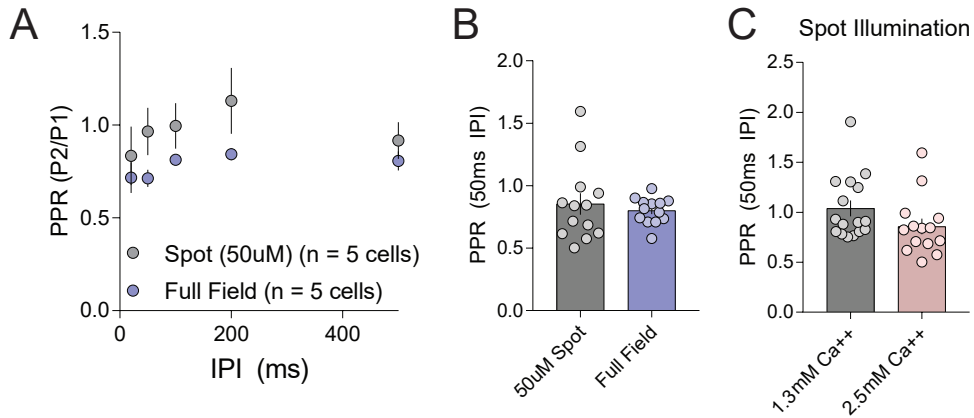


Supp. Figure 1

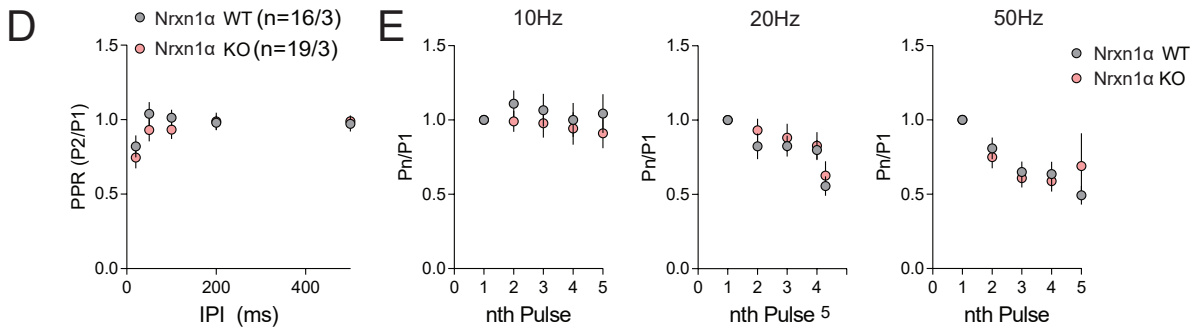


Supp. Figure 2

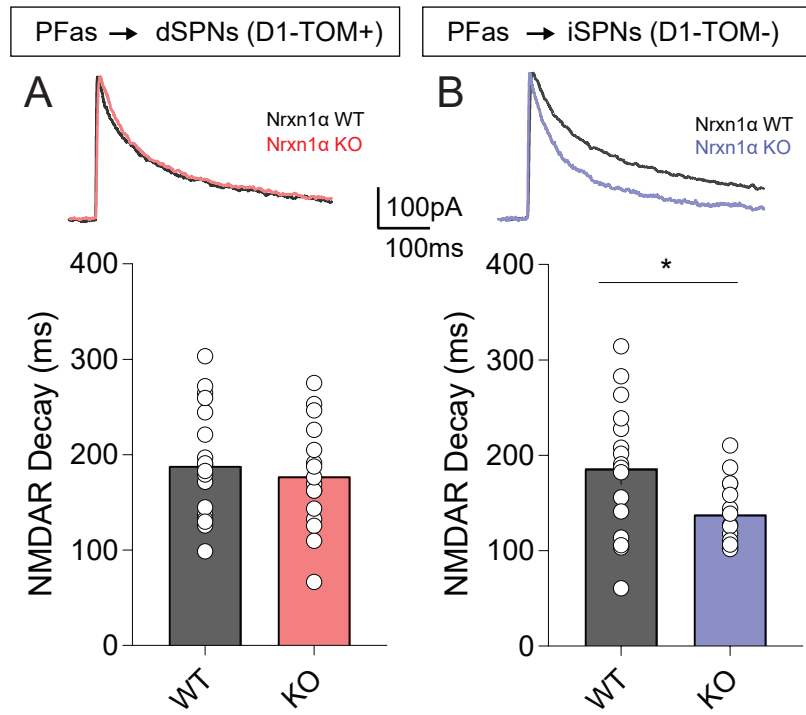
Wildtype dPFC → dSPNs (D1-TOM positive)



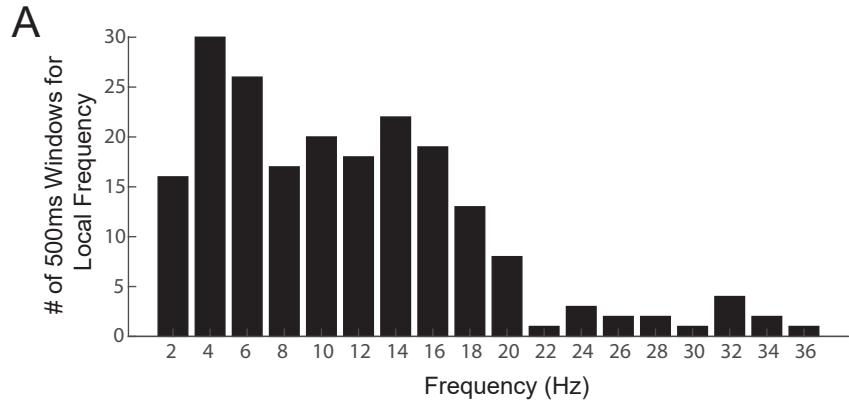
Spot Illumination (1.3mM Ca²⁺) dPFC → dSPNs (D1-TOM positive)



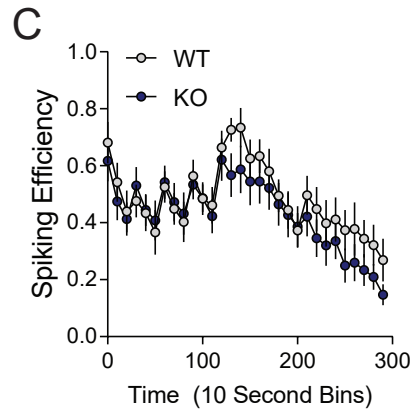
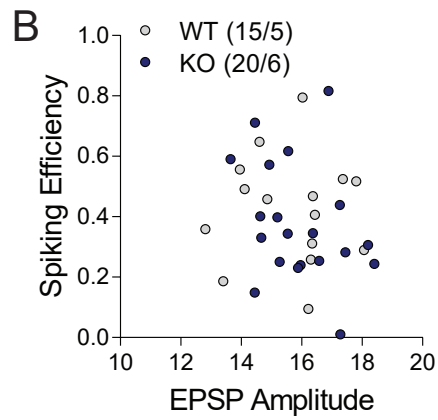
Supp. Figure 3



Supp. Figure 4



dPFC → dSPNs (D1-TOM positive)



dPFC → iSPNs (D1-TOM negative)

