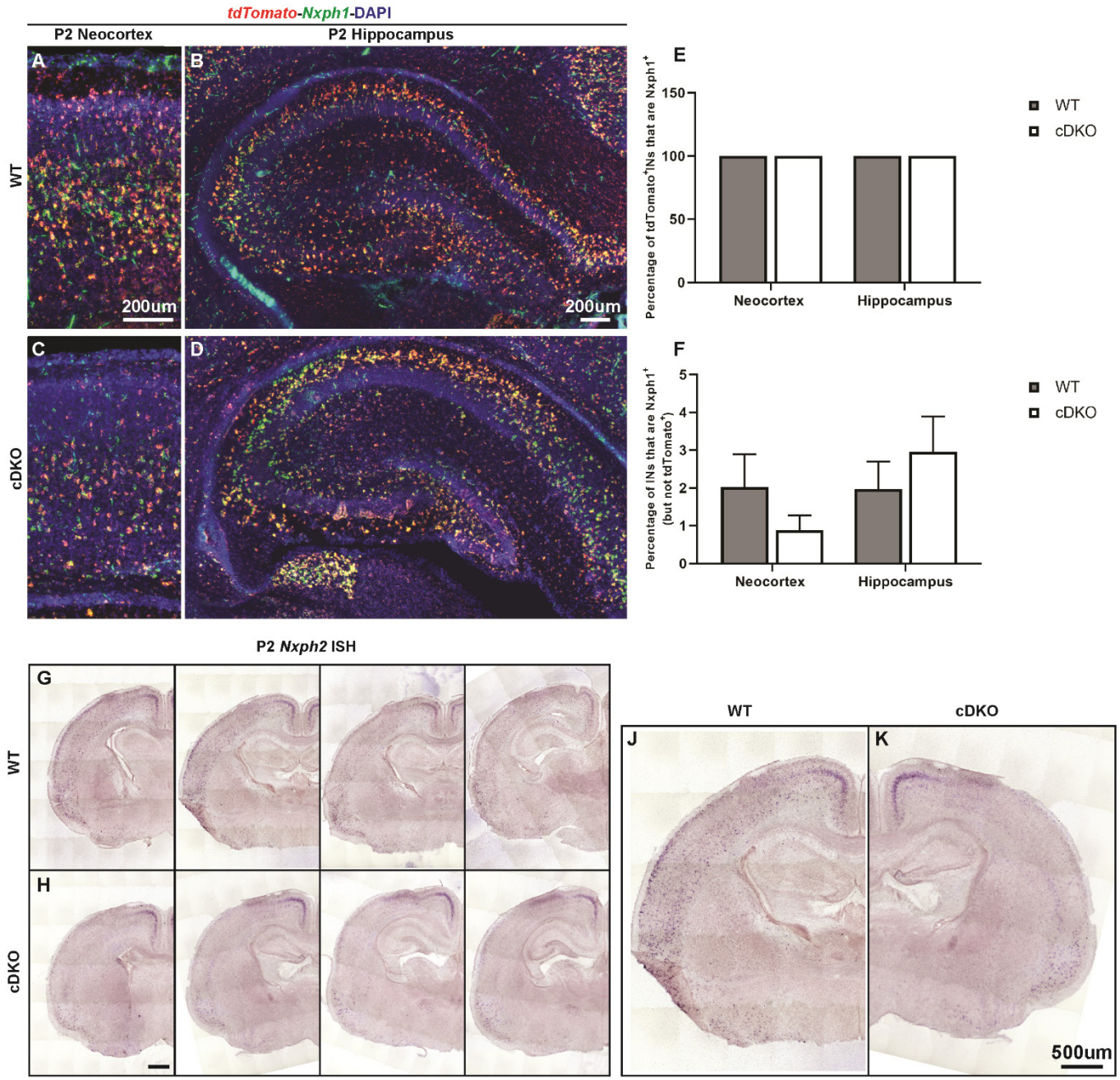

Figure 1 – figure supplement 4. *Nxph1-tdTomato* double FISH and *Nxph2* ISH

(A-D) *Nxph1-tdTomato* double FISH on P2 WT (A-B) and cDKO (C-D) neocortex/hippocampus. (E) Quantification of the percentage of *tdTomato*$^+$ INs that were *Nxph1*$^+$ by regions. (F) Quantification of the Percentage of the *Nxph1*$^+$ INs that were not *tdTomato*$^+$ by regions. These data demonstrate the high specificity of *Nxph1* labeling in the *Nkx2.1-cre* lineage. (G-K) *Nxph2* ISH on P2 WT (G, J) and cDKO (H, K) brain sections. Note in the WT, *Nxph2* labels a subset of INs both in the deep neocortex and in the hippocampus, and the expression of *Nxph2* is diminished in the cDKO. Scale bar in (A) and (B) = 200um; (H) and (K) = 500um. N=3-4 per groups.