

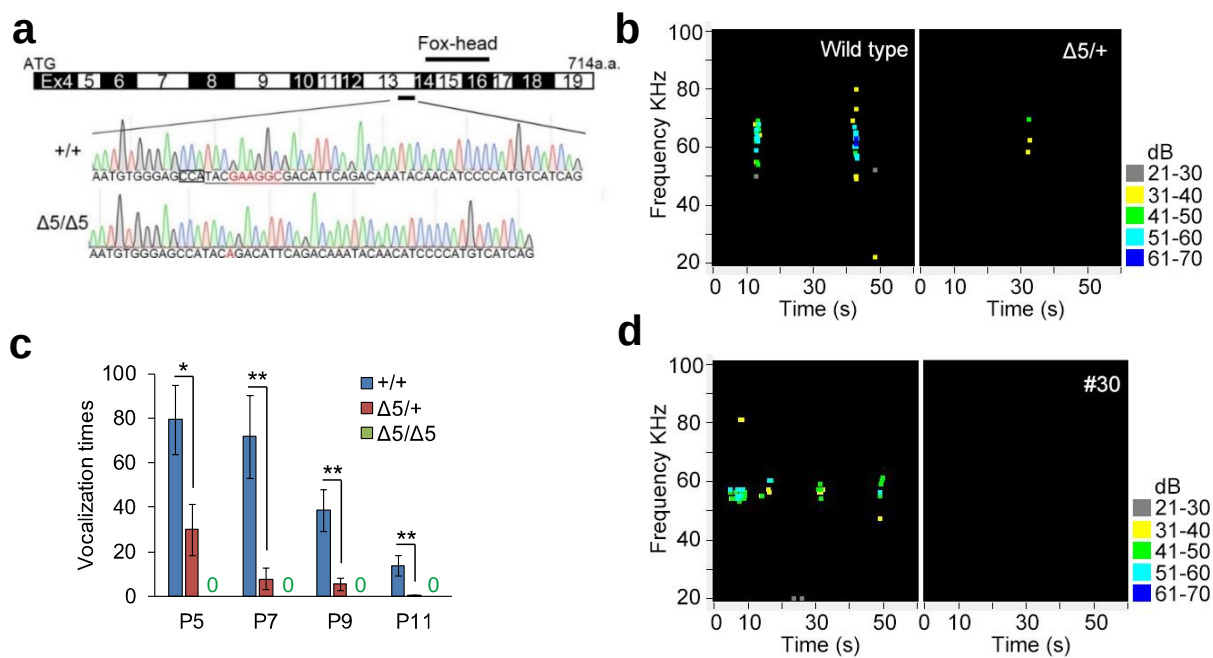


Figure S1

Gene name	<i>Chd5</i>	<i>Serpina1e</i>	<i>Stx18</i>	<i>Vmn2r110</i>	<i>Tcf7l2</i>
Chr. position	Chr4:152377125	Chr12:103951073	Chr5:38118152	Chr17:20574059	Chr19:55918981
Base change	G to T	A to C	G to T	T to C	T to C
Function	nonsynonymous	nonsynonymous	nonsynonymous	nonsynonymous	nonsynonymous
USVs at P7					
Few	○	○	○	○	○
Few	○	○	○		○
Few		○	○	○	○
Few					○
Few			○		○
Normal	○	○	○		○
Normal					○
Normal					○

Figure S2

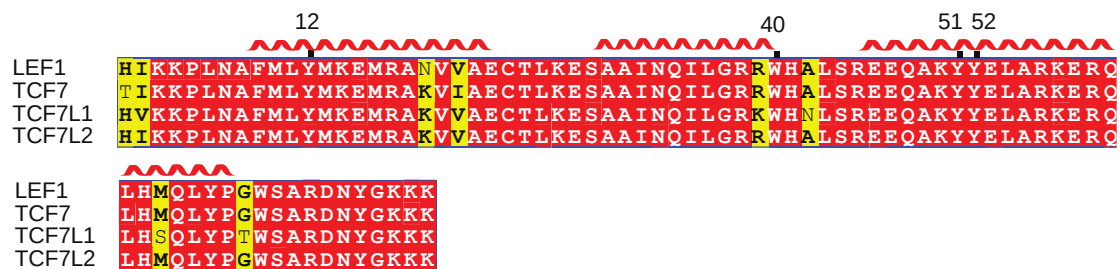


Figure S3

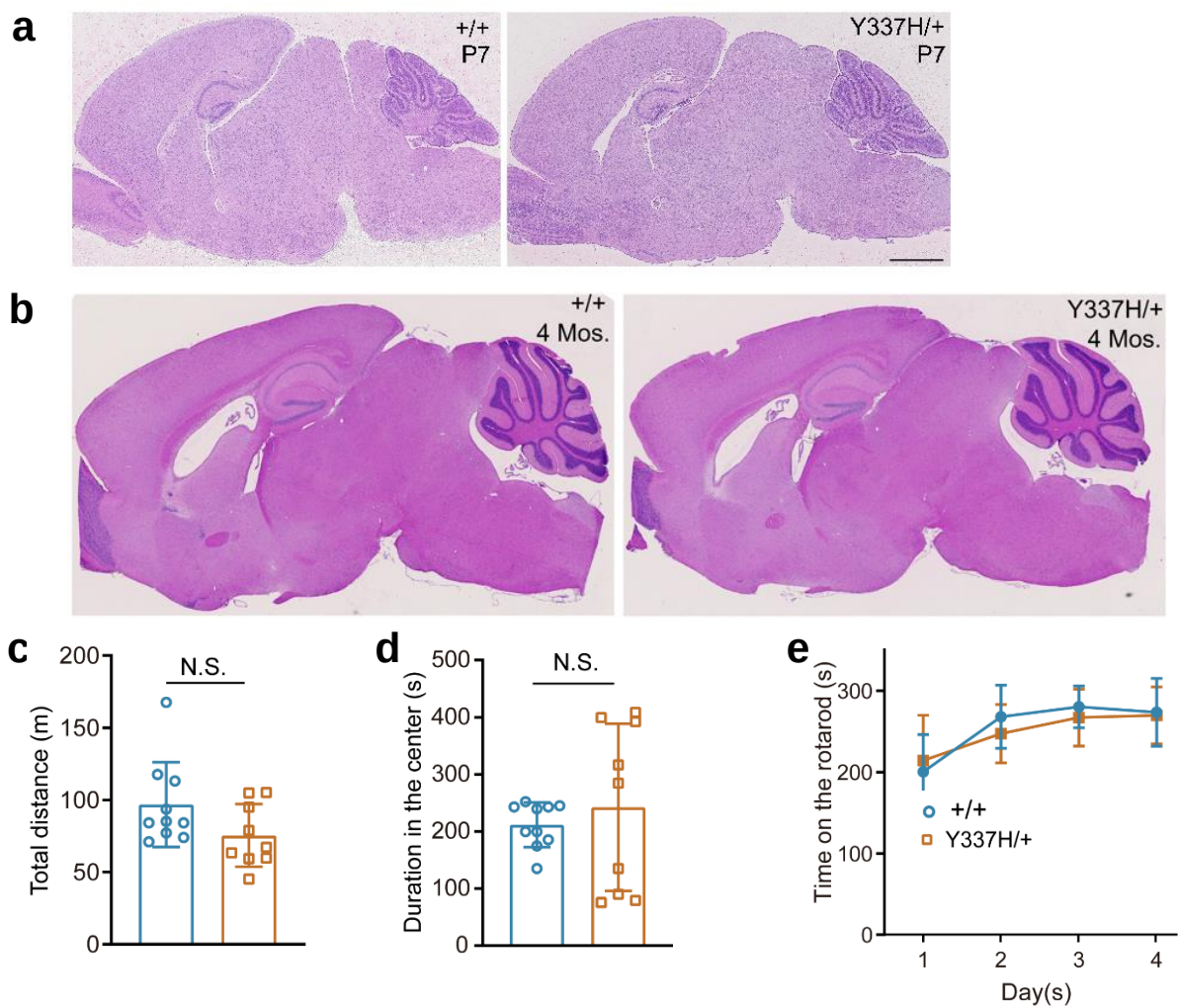


Figure S4

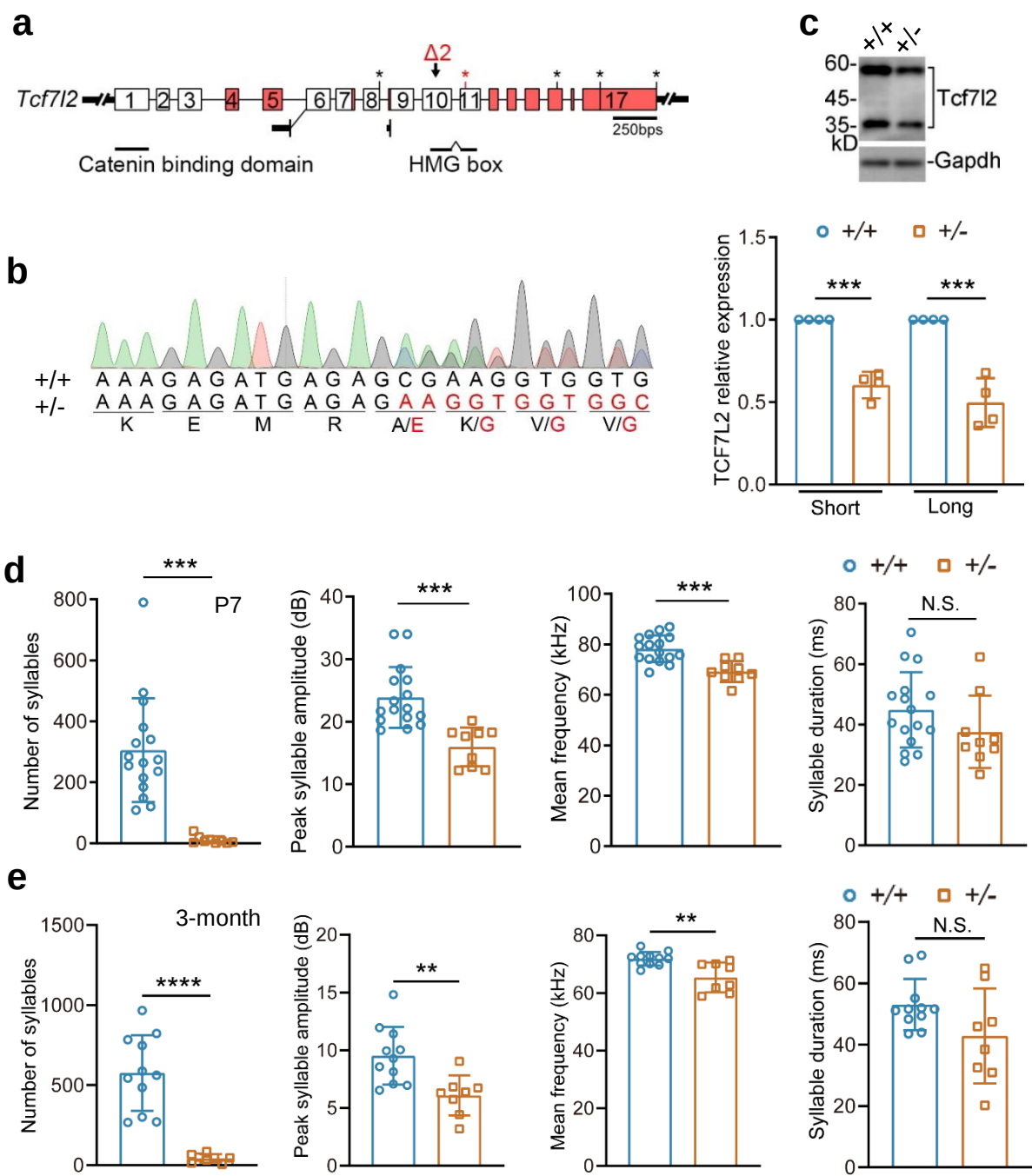


Figure S5

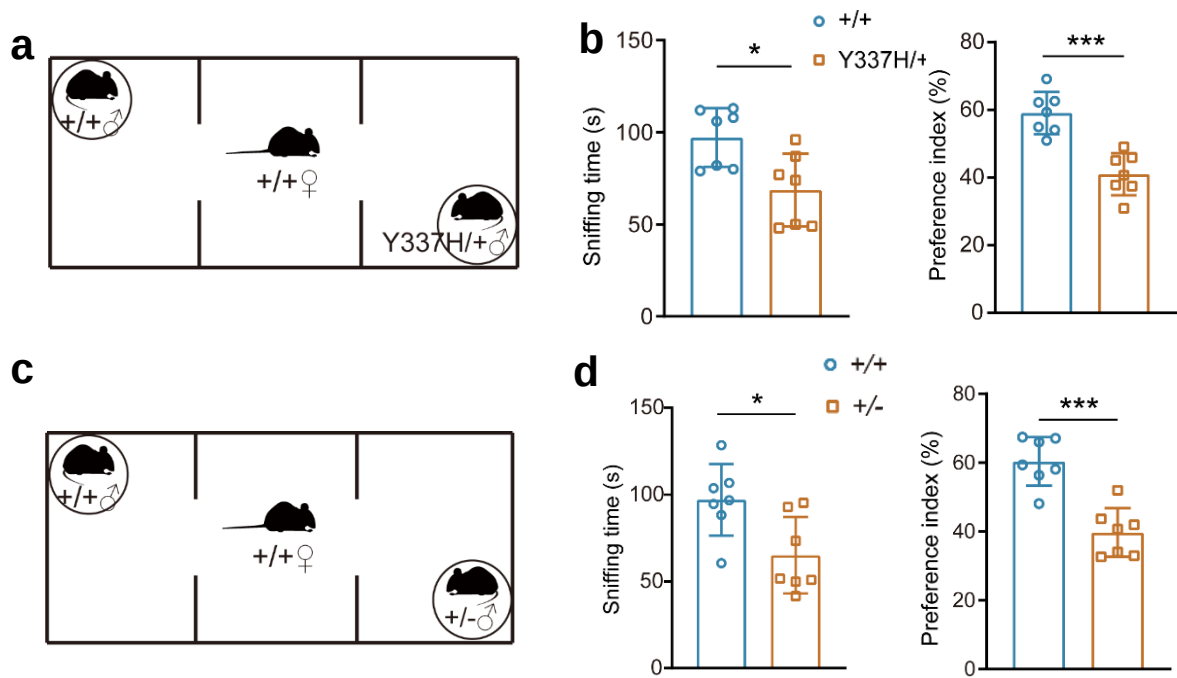


Figure S6

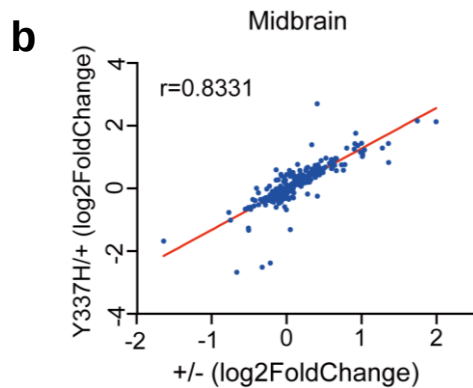
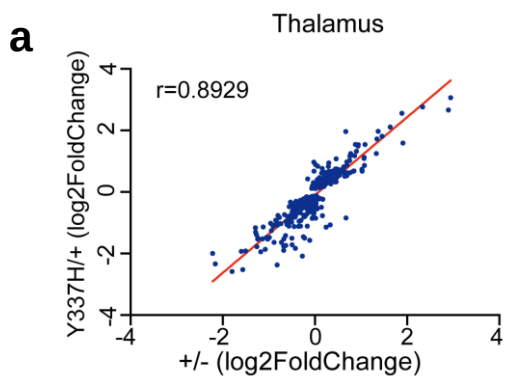


Figure S7

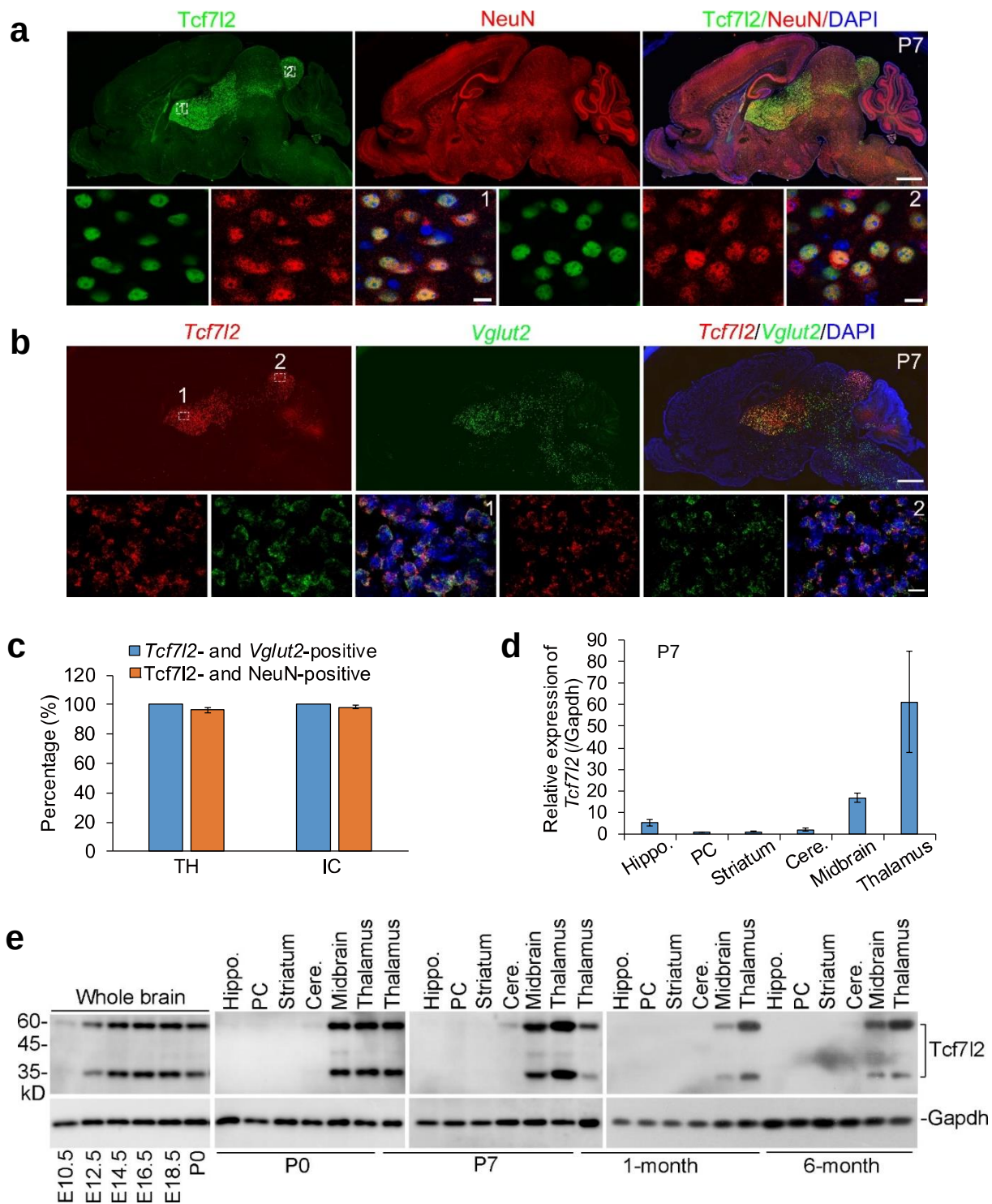


Figure S8

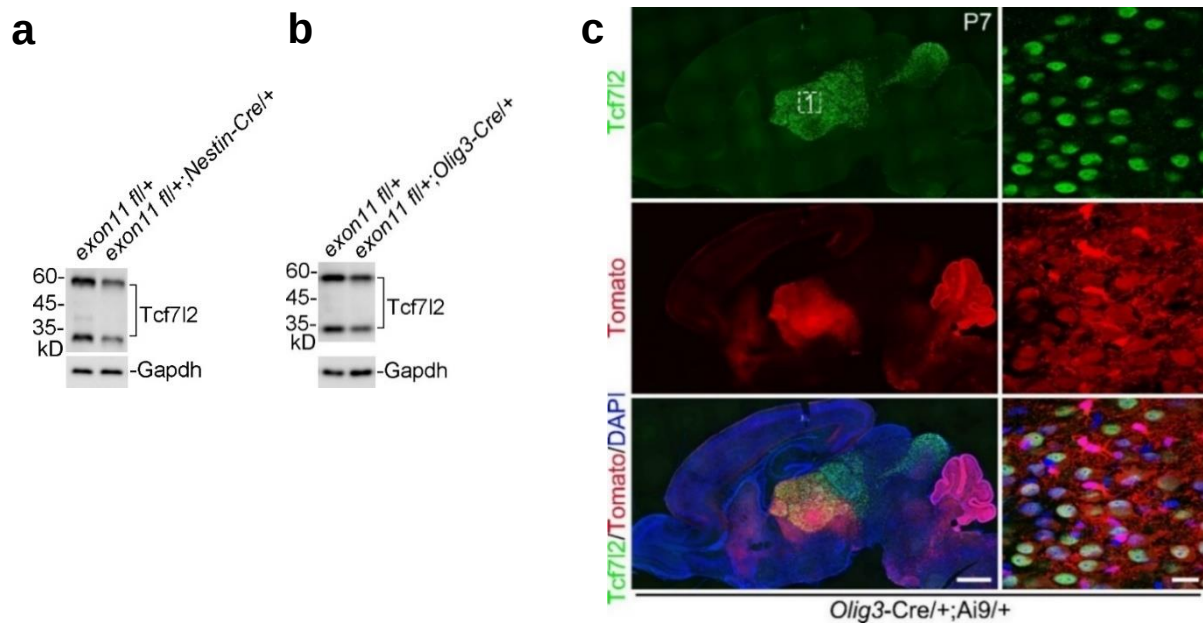


Figure S9

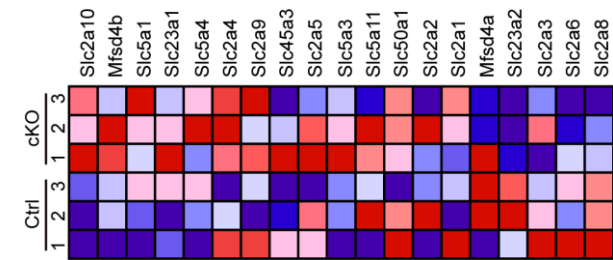
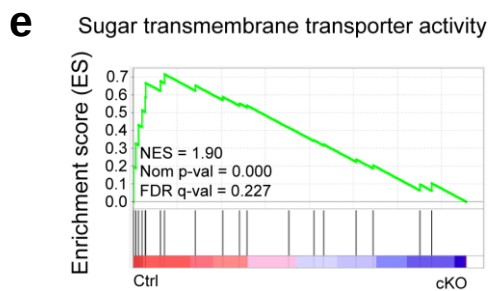
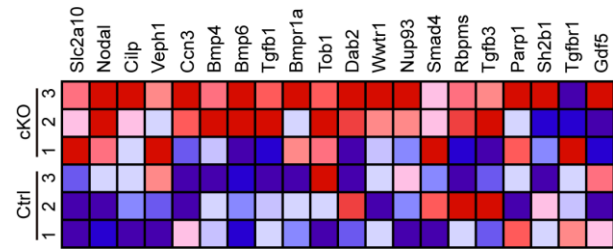
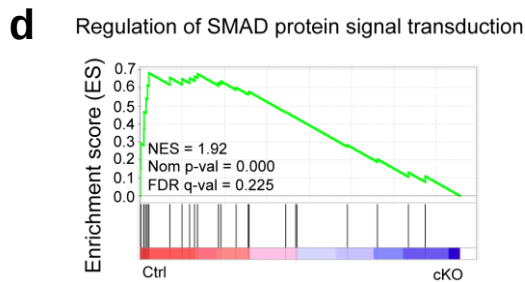
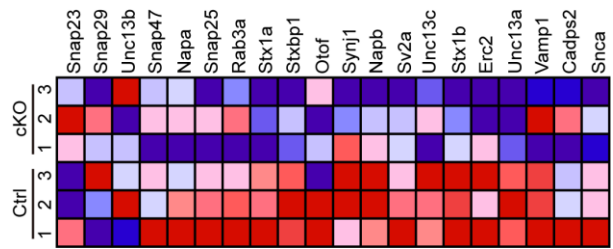
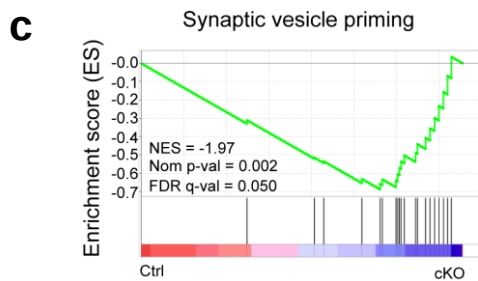
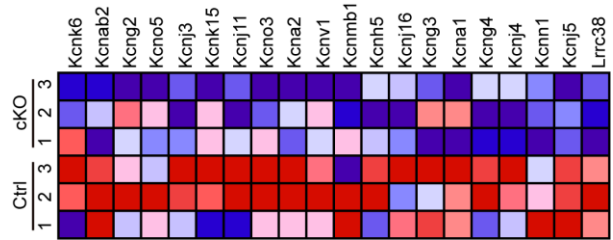
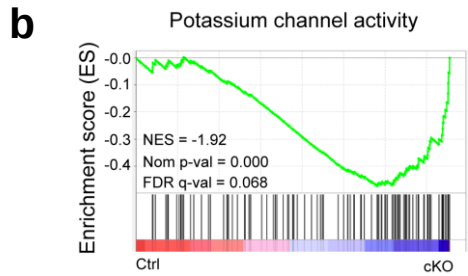
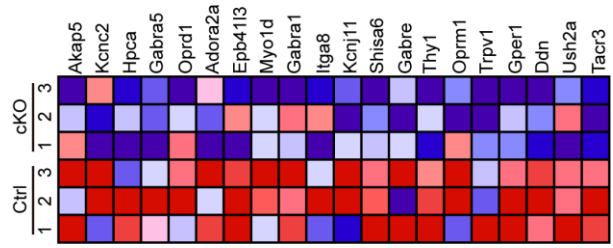
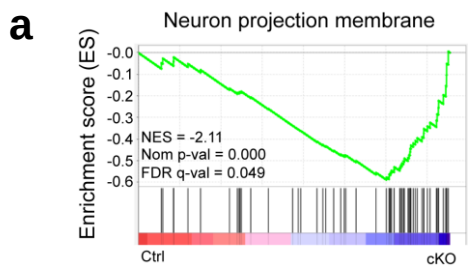


Figure S10

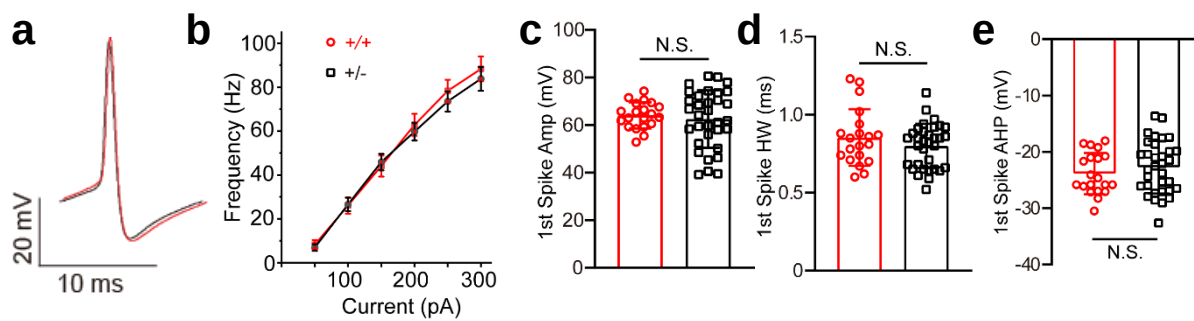


Figure S11

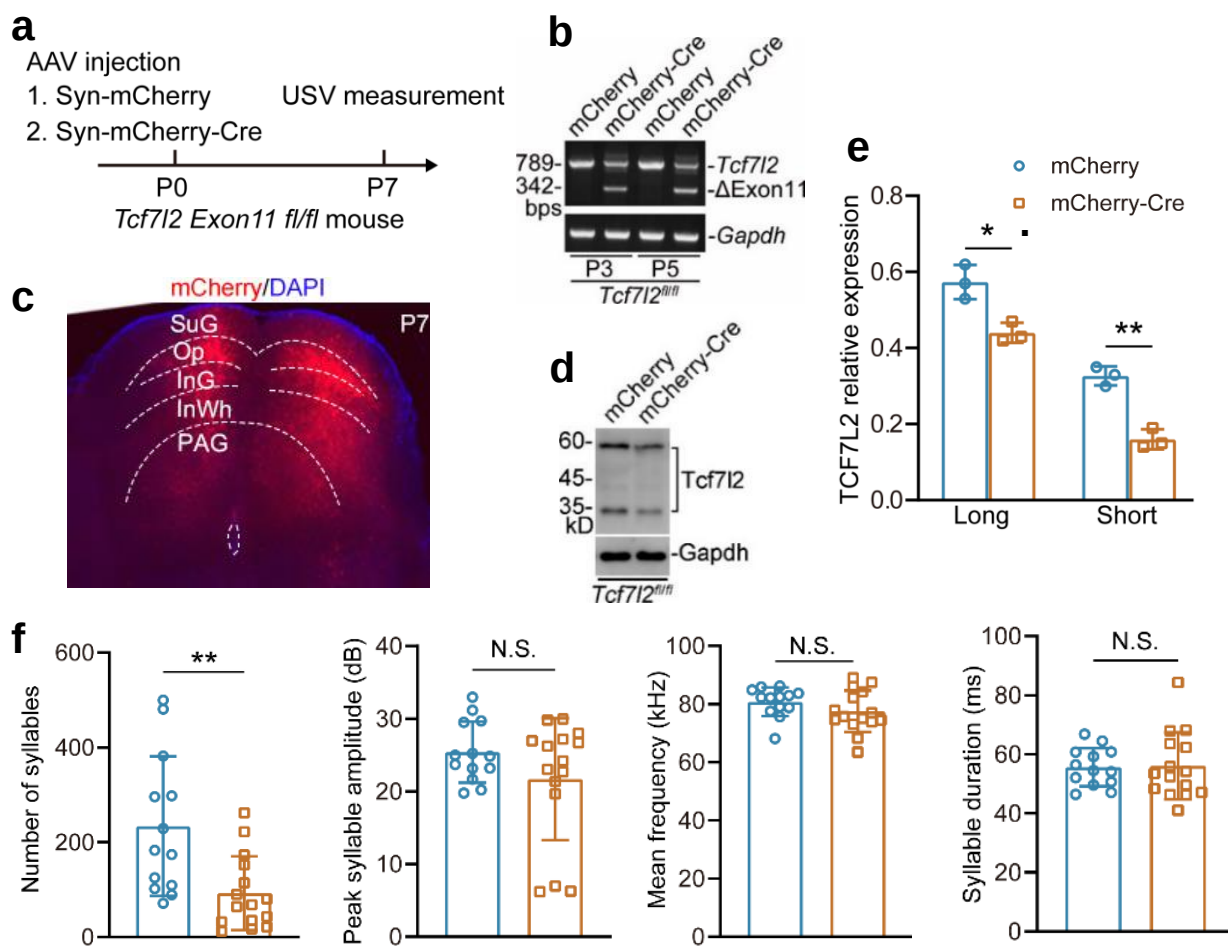


Figure S12

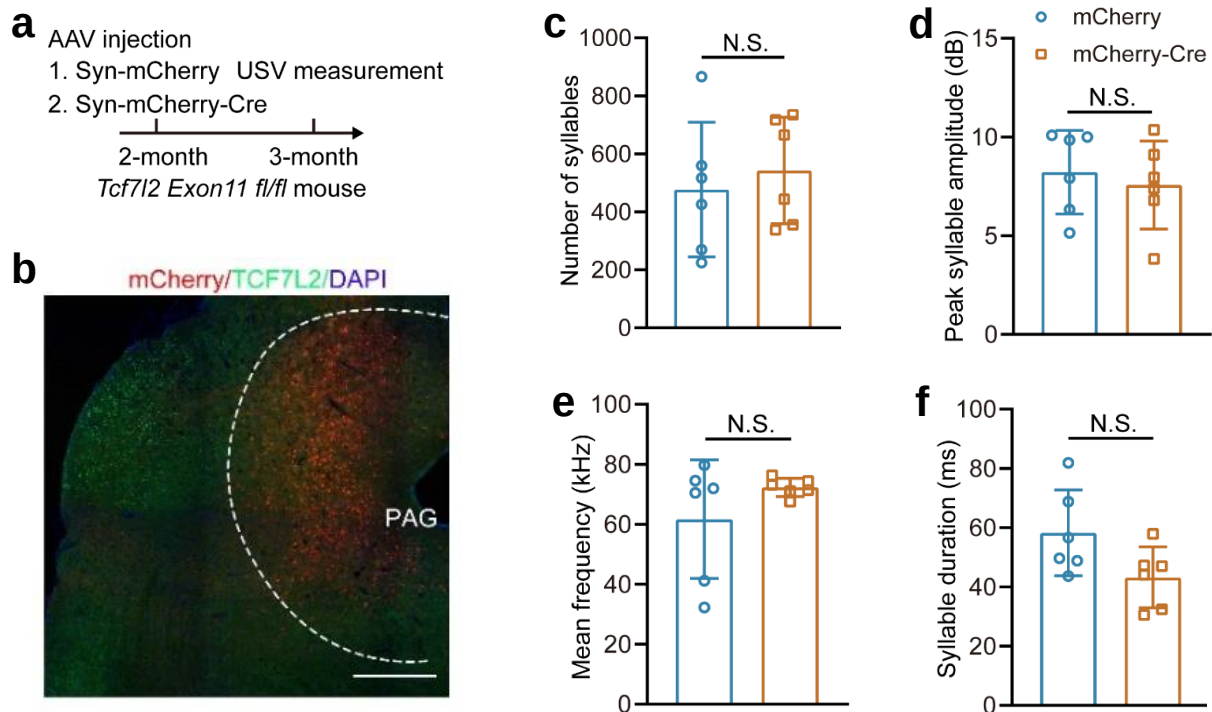


Figure S13

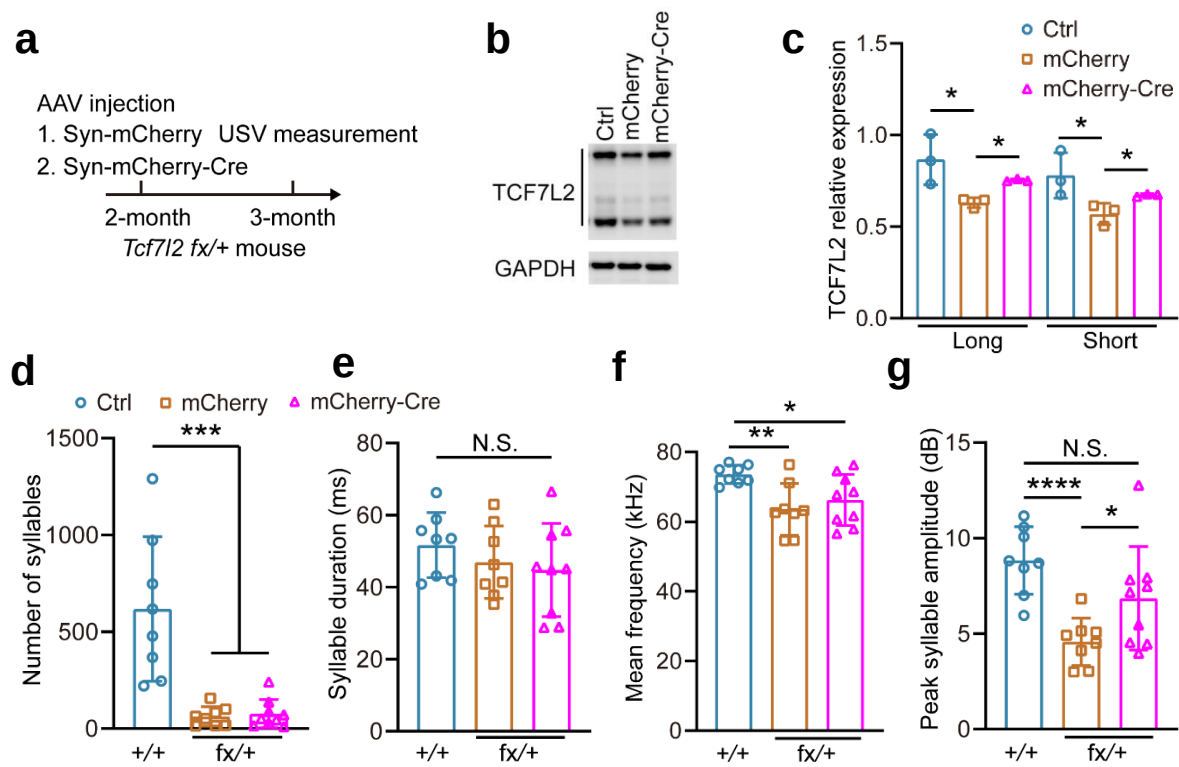


Figure S14

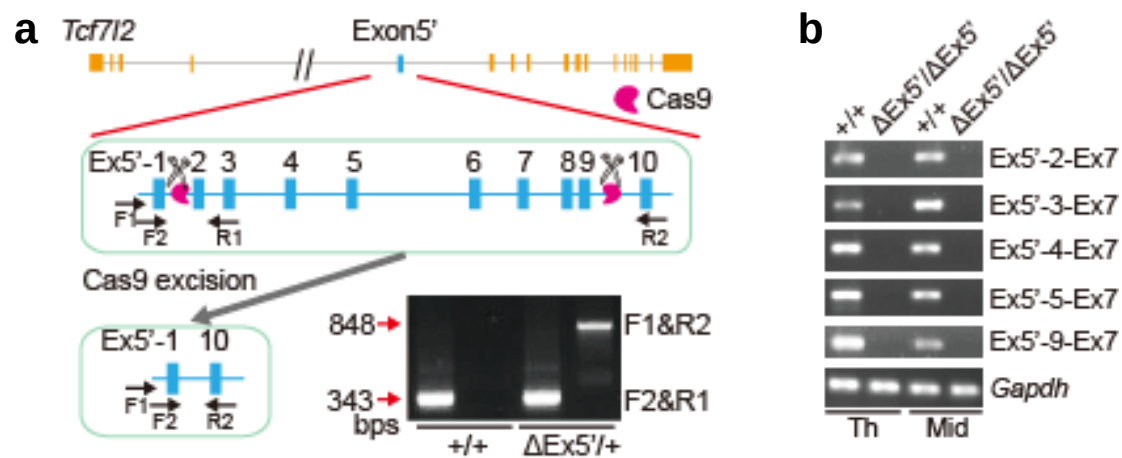


Figure S15

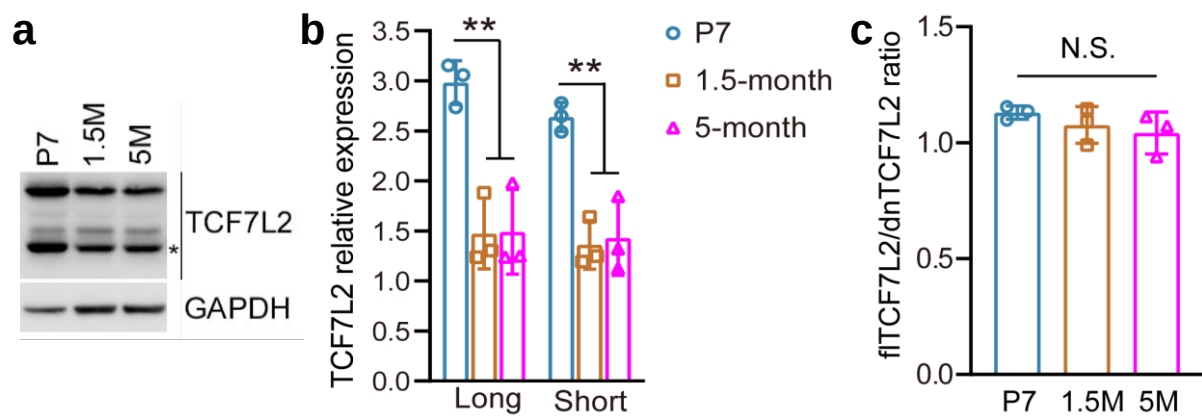


Figure S16

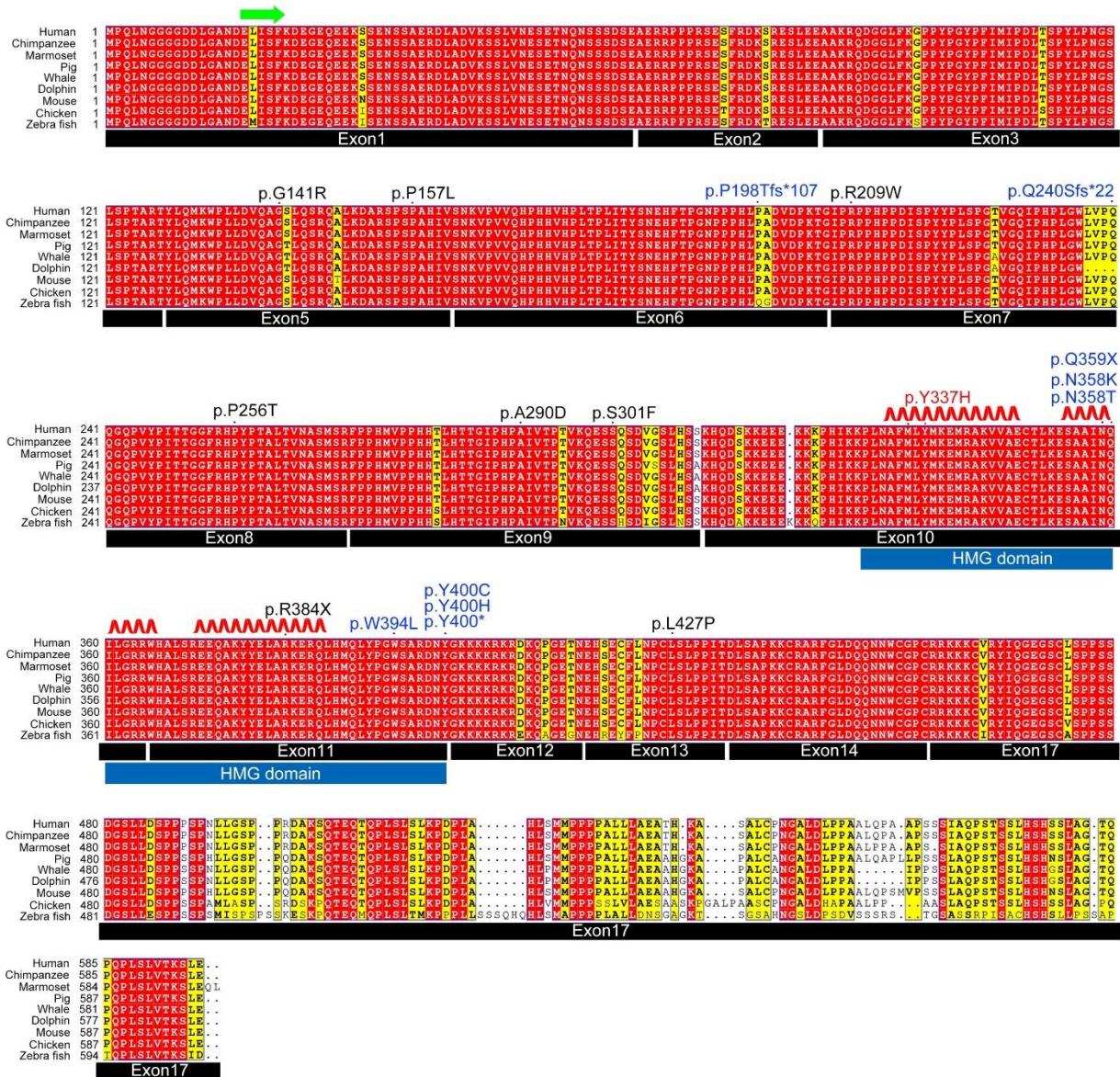


Figure S17

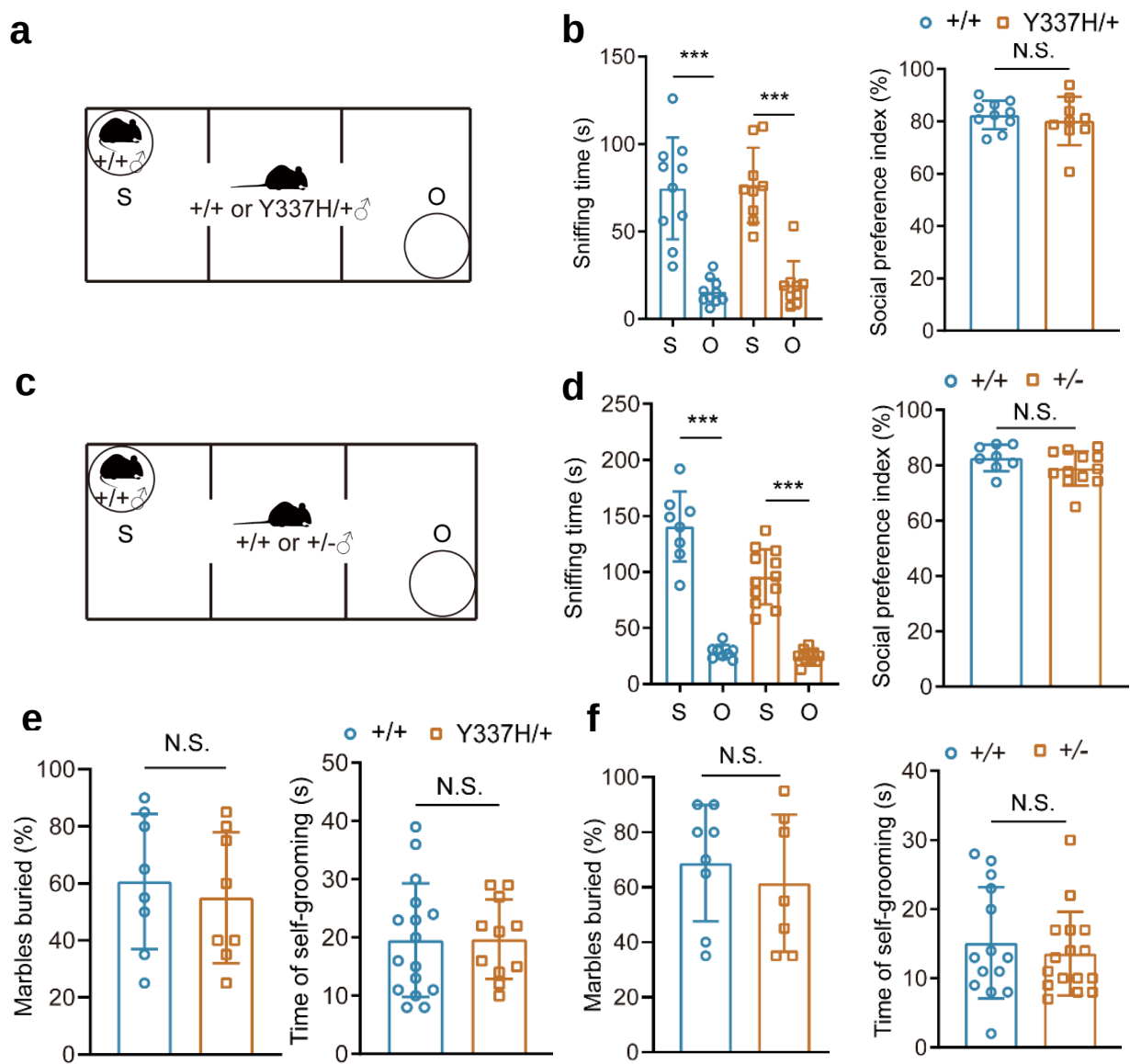


Figure S18

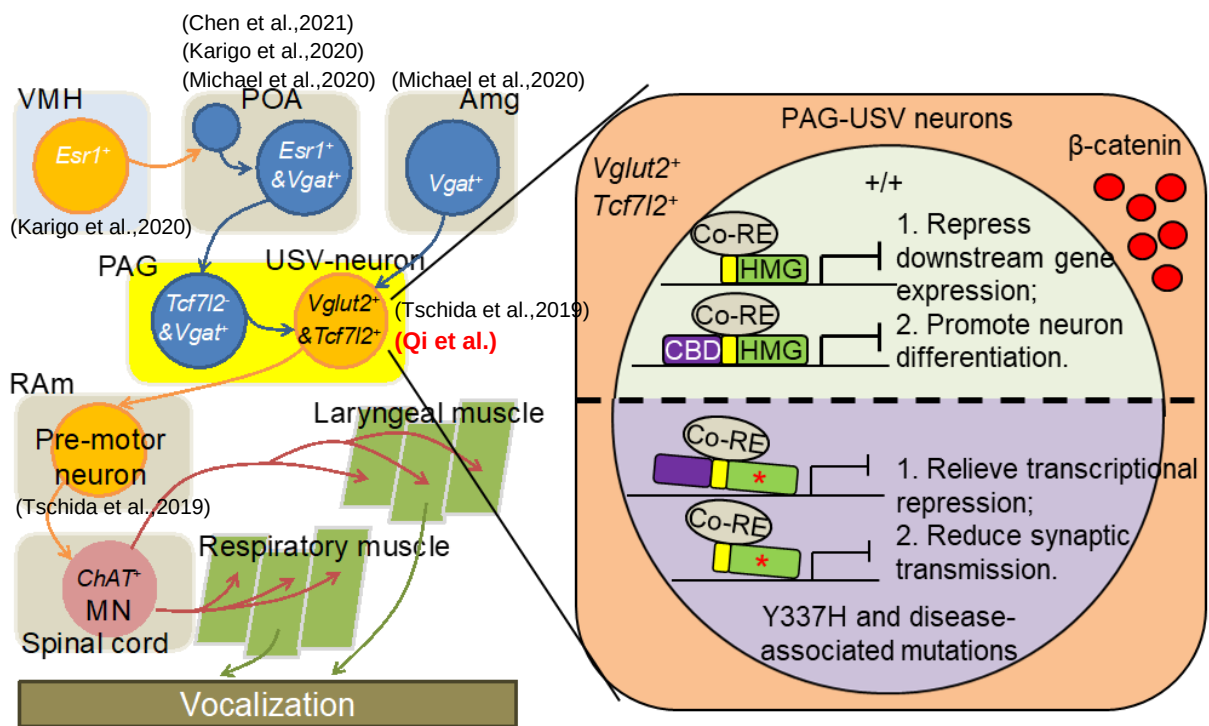


Figure S19