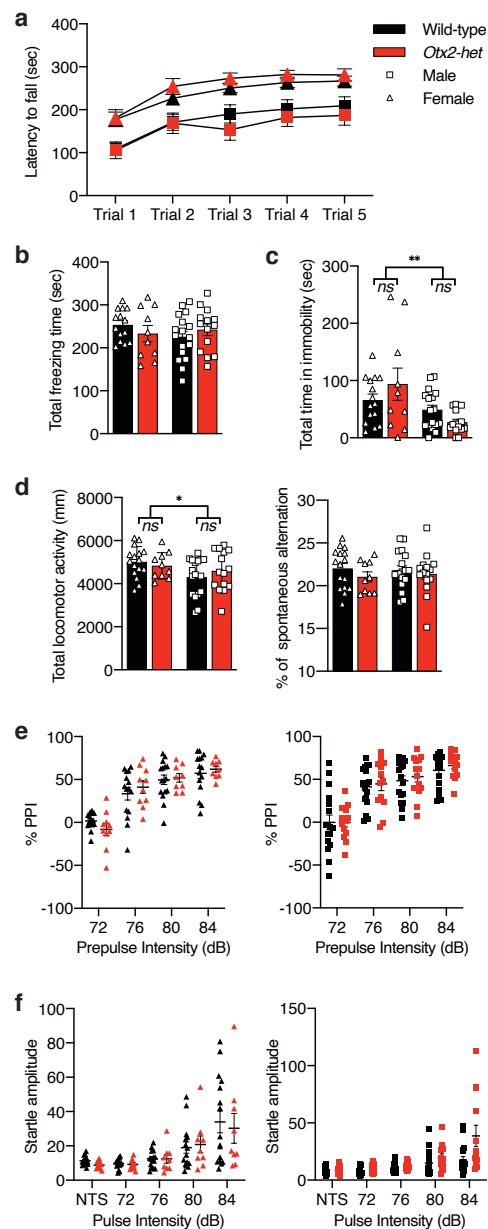




Supplementary Fig. 1 Behavioral analysis of adult male and female *Otx2-het* mice.

a Rotarod test with a progressively accelerating rotating rod from 2 to 40 rpm during 5 min trial (WT females n=16; WT males n=18; *Otx2-het* females n=10; *Otx2-het* males n=14). **b** Forced swim test during a 6 min period in a small pool (WT females n=16; WT males n=17; *Otx2-het* females n=10; *Otx2-het* males n=14). **c** Tail suspension test during a 6 min period (WT females n=16; WT males n=17; *Otx2-het* females n=10; *Otx2-het* males n=15). **d** Y-maze test during a 10 min period (WT females n=16; WT males n=17; *Otx2-het* females n=10; *Otx2-het* males n=15). **e, f** Prepulse inhibition (PPI) test performed in a startle chamber to measure startle response amplitude **f** and %PPI **e** at various pulse intensities (WT females n=16; WT males n=18; *Otx2-het* females n=10; *Otx2-het* males n=14). All values: mean $\pm$ SEM; two-way ANOVA, post hoc Tukey test; *p < 0.05, **p < 0.01.