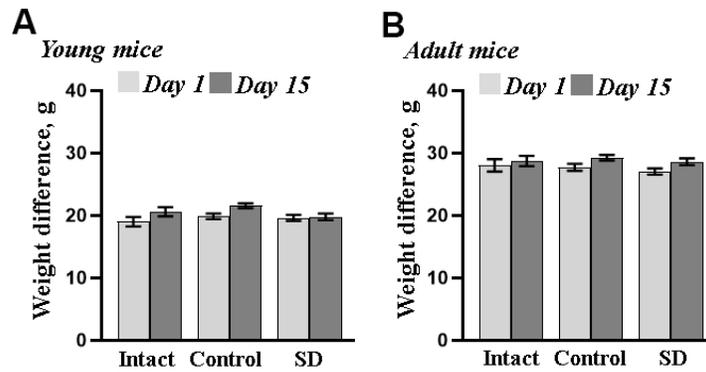
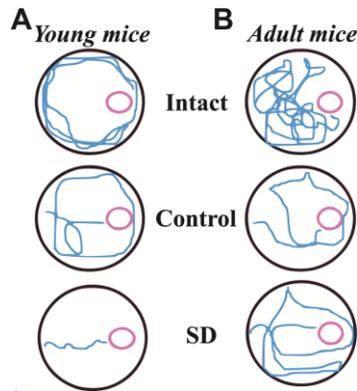


## SUPPLEMENTARY FIGURES



**Supplementary Figure 1. Body weight of female C57BL/6 mice at the beginning (day 1) and by end (day 15) of sleep deprivation modeling.** (A) - Young mice (1.5 months); (B) - Adult mice (7-9 months). No statistical differences between groups,  $p \leq 0.05$ , the Wilcoxon T-test.



**Supplementary Figure 2. Main target searching strategies of female C57BL/6 mice during long-term memory retention test in the Morris water maze after sleep deprivation modeling.** (A) Young mice (1.5 months); (B) Adult mice (7-9 months).