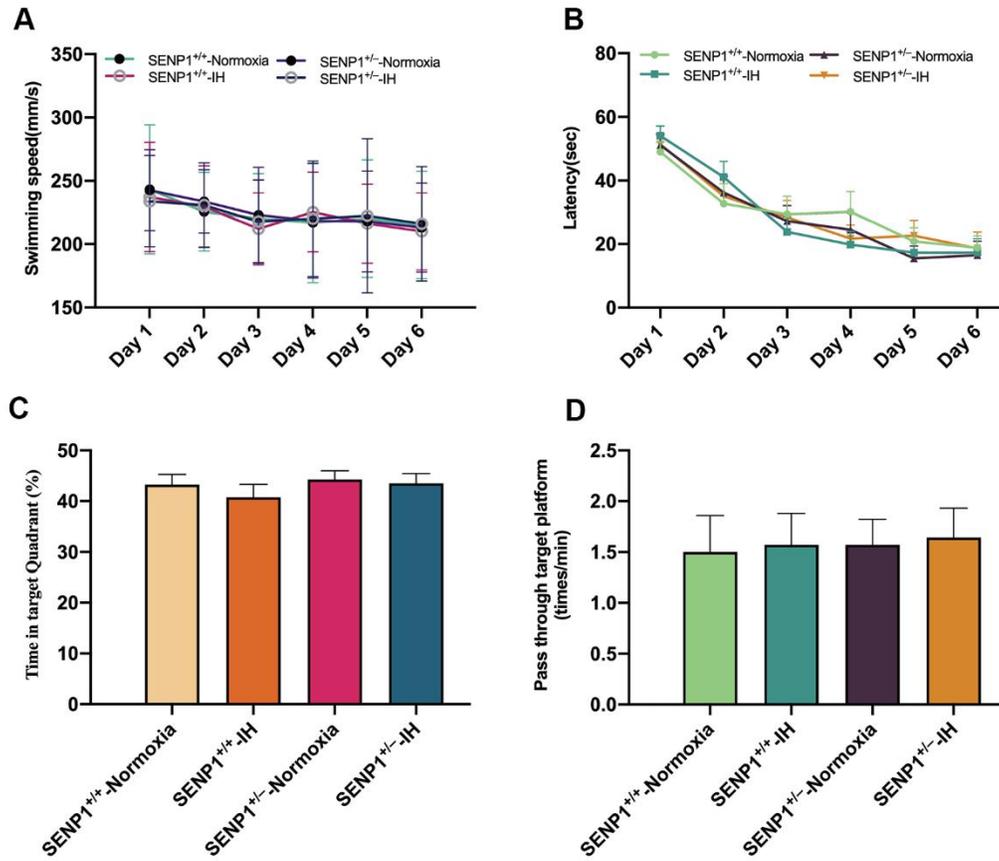


SUPPLEMENTARY FIGURE



Supplementary Figure 1. Assessment of spatial learning and memory with Morris Water Maze (MWM) test before the intermittent hypoxia (IH) treatment. (A) Swimming speed throughout 6 consecutive days among four groups. (B) Latency, the time to find the hidden platform. The platform was removed at day 6, and the latency is the first time to enter the platform area. (C) After the removal of platform, the time percentage of mice spent in the quadrant platform area in 60 s. (D) Times of mice passing through target platform. Data are expressed as mean \pm SD ($n = 12$ per group). SEN1^{+/+}, represents the wild-type mice. SEN1^{+/-}, represents SENP1 knockdown.