

Supplementary Material

Primer design sequence:

Hsp90aa1: forward, 5'-A CTCCAATTCATCGGACGCTCT -3';

reverse, 5'- GTCAGGGTTCGGTCCTGTTT -3';

Mt-Cytb: forward, 5'- GGACGAGGCTTATATTATGGA -3';

reverse, 5'- AATGCTGTGGCTATGACTG -3';

Gdap1: forward, 5'- CACCCAGGTTAATGCCCGAT -3';

reverse, 5'- GTGTTACCAATCTGGCTGCG -3';

mt-Nd2: forward, 5'- ACAAGCAACAGCCTCAAT -3';

reverse, 5'- GTGTTACCAATCTGGCTGCG -3';

Heg1: forward, 5'- GAGCGCGGCCTTGGAG -3';

reverse, 5'- GCCTAGGGATGTCCCACTCT -3';

Sstr2: forward, 5'- GCTCGAGGAAAACCAAGATGT -3';

reverse, 5'- CTGGTTGGAGCCATTGCTTG -3';

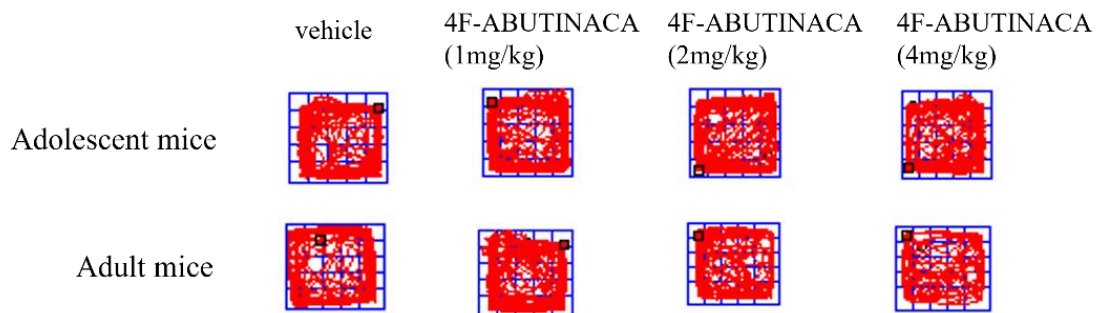


Fig. S1. Locomotor activity mice trajectory plot.

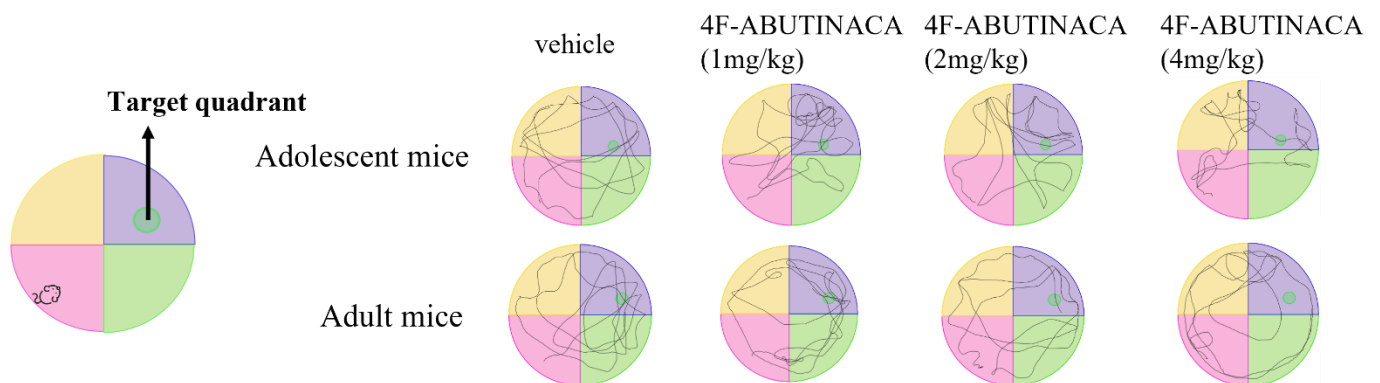


Fig. S2. Morris Water Maze mice trajectory plot.