

Figure S1. Open field test design (n=10 per group). (A) Apparatus of open field test. The apparatus consists of a square arena (46x46 cm) that is 40-cm high with a white and opaque wall. All mice were gently placed at the same corner (point M). (B) Floor of the apparatus of the open field test. The floor was separated into 25 squares. The 16 squares along the walls were considered periphery whereas the other nine squares were considered to be center.

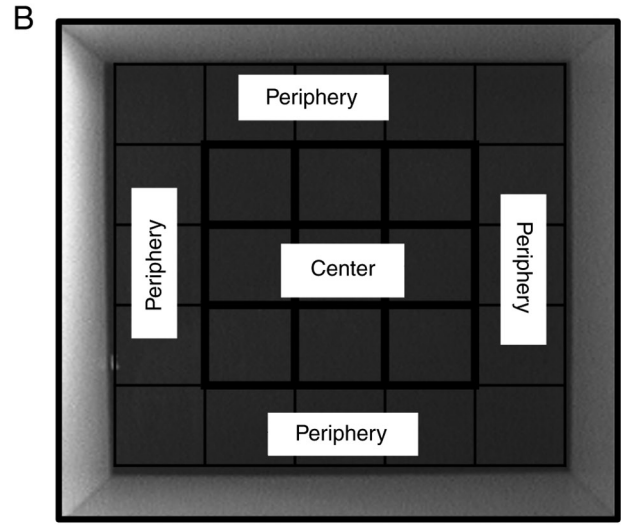
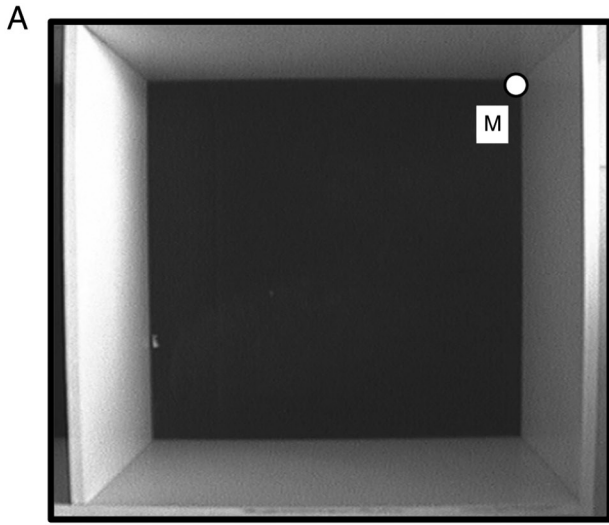


Figure S2. Estimated weight trend of the mice in the present study (n=20 per group). (A) Female and (B) male mouse weights. The horizontal axis represents the number of time levels. The weight of mice at week 8 corresponds to time level 1, the weight of mice at week 10 corresponds to time level 2, until the weight of mice at week 38 corresponds to time point 16. CFD, chronic folate-deficient; F-Ctrl, female mice with standard control diet; F-CFD, female mice with folate deficiency diet; M-Ctrl, male mice with standard control diet; M-CFD, male mice with folate deficiency diet.

