

Supplementary Information

1. Supplementary Table 1.
2. Supplementary Fig. 1
3. Figure legends for supplementary Fig. 1

Supplementary Fig. 1. Effects of enriched environment treatment (EET) on distance moved in the open field test across ages (male: left; female: right). **a.** Distance moved in WT and KIV mice after 2 months of EET (SCT and EET, T₁), then after 1 month of SCT (SCT-SCT and EET-SCT, T₂). Asterisks on the columns show a significant difference between WT and KIV mice. **b.** EET effects shown as % SCT across ages at T₁ (top) and at T₂ (bottom). Asterisks on the columns show a significant effect of EET compared to SCT. ED, early-life development; YA, young adult; OA, old adult. *P<0.05, **P<0.01, ***P<0.005. N=10–16 (shown at the columns).