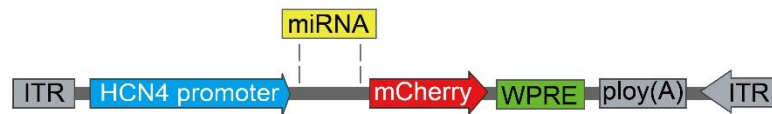
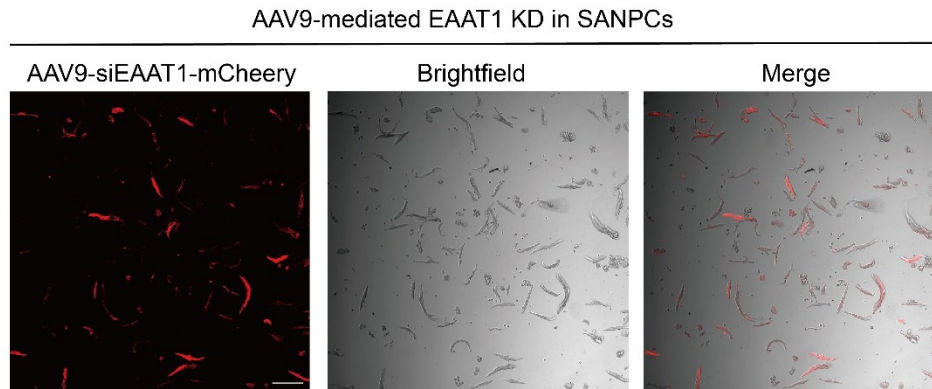


Fig. S4

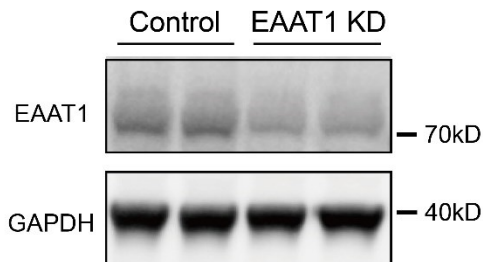
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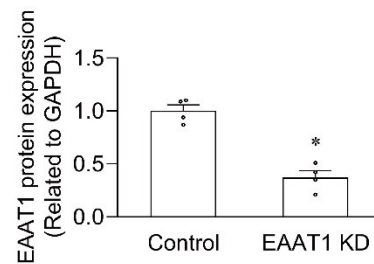
b



c



d



**Fig. S4. The efficiency of EAAT1 knockdown by adeno-associated virus-9 (AAV9)-based strategy.**

**a** Schematic diagram showed the construction of AAV9 virus under the control of HCN4 promoter. **b** Fluorescence imaging of SANPCs isolated from mice 2 weeks after AAV9 virus injection. Scale bar = 100  $\mu$ m. **c** Representative western blot bands showed the efficiency of EAAT1 knockdown (EAAT1 KD) by AAV9-siEAAT1 in mice. **d** Quantitative analysis for **c** (n = 4; \*  $p < 0.05$ ,  $p$  values were calculated by unpaired Student's  $t$ -test).