



SUPPLEMENTARY FIG. S5. The olfactory discrimination test ($n=8/\text{group}$) was performed at 13 weeks after 2VO. $*p < 0.05$ versus sham-operated rats injected with scramble shRNA (scb shRNA/Sham control); $\#p < 0.05$ versus 2VO rats injected with scramble shRNA (scb shRNA/2VO). Sham control, Sham-operated rats; 2VO, 2VO-operated rats; Scb shRNA, rats injected with scramble shRNA AAV particles; Nox1 shRNA, rats injected with Nox1 shRNA AAV particles.