

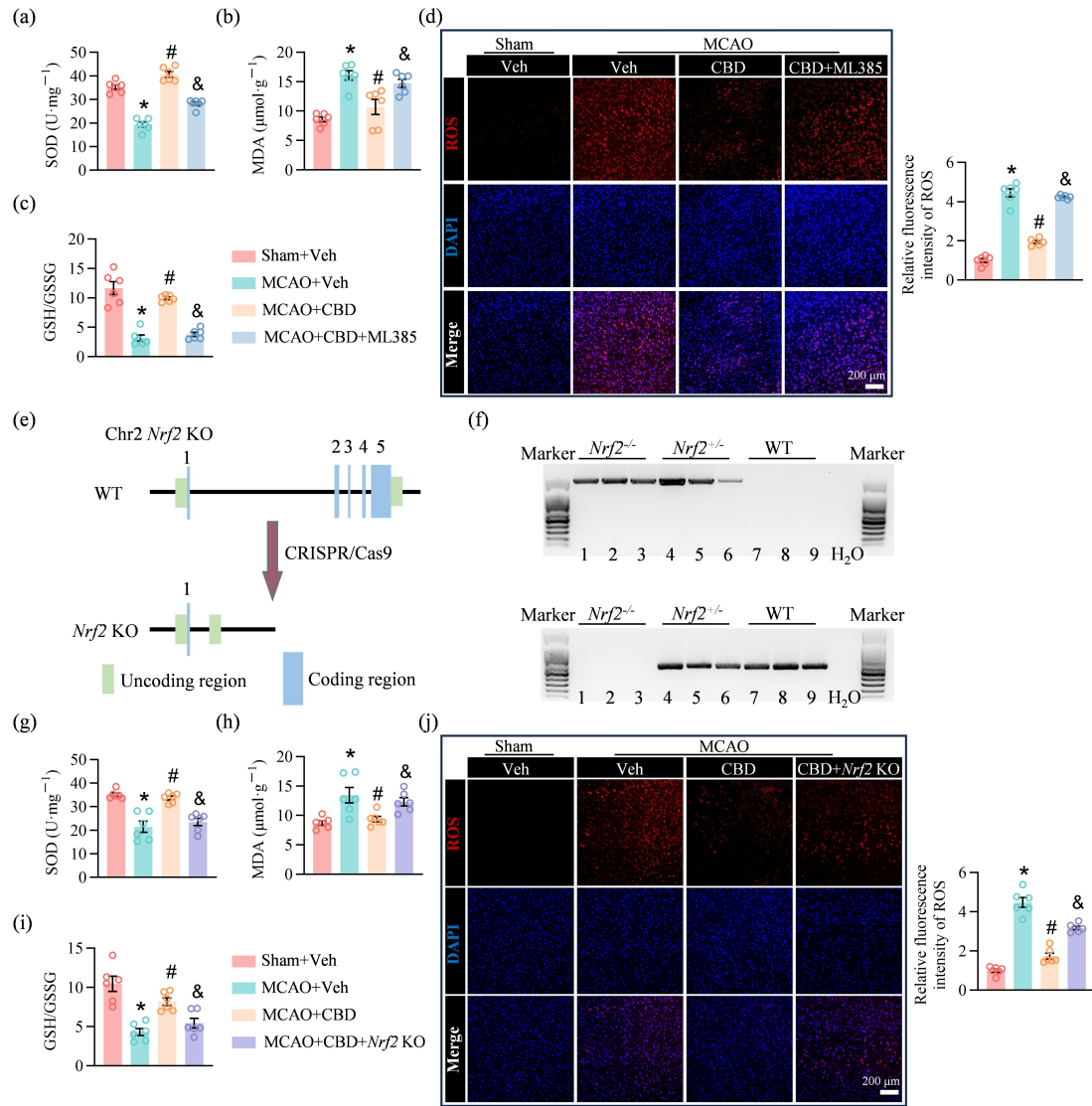


Fig. S9. CBD played a protective role in I/R injury by resisting oxidative stress through the NRF2 pathway.

(a-c) SOD activity, MDA levels and GSH/GSSG levels at 24 h after MCAO ($n = 6$ per group).

(d) Representative fluorescence micrographs and statistical analysis of relative fluorescence intensity of DHE staining in the perilesional cortex (scale bar = 200 μm, $n = 6$ per group).

(e) *Nrf2* KO mouse construction process. (f) Genotype identification of *Nrf2*^{-/-}, *Nrf2*^{+/-} and WT mice.

(g-i) SOD activity, MDA levels and GSH/GSSG levels at 24 h after MCAO ($n = 6$ per group).

(j) Representative fluorescence micrographs and statistical analysis of relative fluorescence intensity of DHE staining in the perilesional cortex (scale bar = 200 μm, $n = 6$ per group).

Data are presented as mean ± SEM. * $P < 0.05$ versus sham group; # $P < 0.05$ versus MCAO group; & $P < 0.05$ versus CBD-treated group.