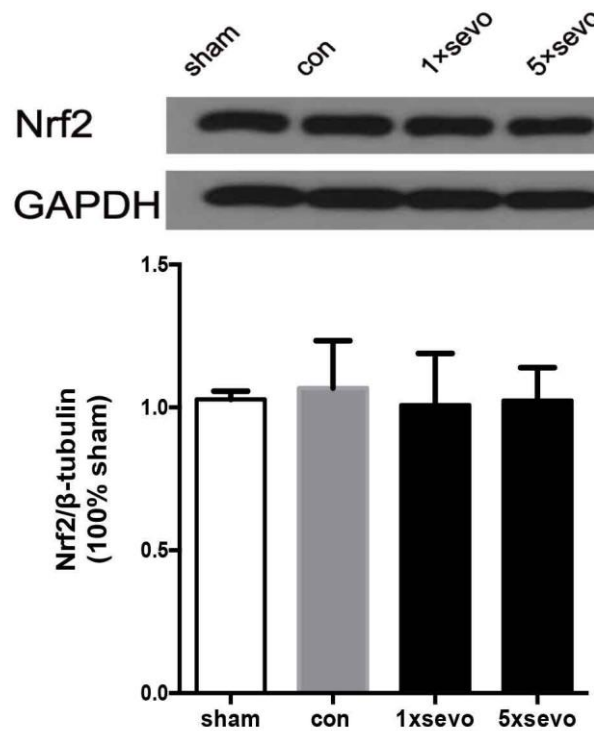


**Supplemental Digital Content 4.** SPC alone doesn't alter the expression of Nrf2.



Western blot analysis showed the Nrf2 protein expression in sham, oxygen control (con), one expose to sevoflurane (1xsevo), five consecutive expose to sevoflurane (5xsevo) groups. No significant differences were detected among control, 1xsevo and 5xsevo groups (n = 6 per group, con vs. 1xsevo group,  $P = 0.490$ ; con vs. 5xsevo group,  $P = 0.450$ ; respectively). All data was expressed as mean  $\pm$  SD. One-way ANOVA with Tukey's *post hoc* test was used for statistic analysis. SPC = sevoflurane preconditioning.