

**Supplementary File2:** The quantitative analyses of IB assays; the results were normalized according to the sham or vehicle group; unpaired 2-tailed Student's t test was used for analyses in Figure S9B; one-way ANOVA followed by Tukey's test was used for analyses in other Figures; \*\*\*p < 0.001, \*\*p < 0.01, and \*p < 0.05 represent significant differences between two groups; ns represents no significant difference.