

**Supplementary Figure S5-** Effects of the blockade of the dorsal reticular nucleus with lidocaine on the motor function assessed by the rotarod test. Naïve animals were injected at dorsal reticular nucleus with lidocaine at 4% (w/v) or saline. The rotarod test was performed 30 min after injections. Data are presented as mean  $\pm$  SD (n = 7/group).