

SUPPLEMENTARY FIGURE LEGENDS

Supplementary Figure 1. Protein markers of neuronal viability and cell death.

Western blotting showed similar expression of NeuN (A, $p=0.210$, $n=6$) and cleaved caspase-3 (B, $p=0.206$, $n=6$) among the treatment groups. Each circle represents one piglet. Analyses conducted by Friedman test with data blocked by gel. NormoT, sustained normothermia; HI, hypoxia-ischemia; HypoT, sustained hypothermia; Rewarm, hypothermia followed by rewarming.

Supplementary Figure 2. Proteins involved in the inflammasome. Western blotting showed similar expression of TNF α (A, $p=0.255$, $n=4$), CD95 (B, $p=0.173$, $n=4$), nitrotyrosine (C, $p=0.849$, $n=4$), and Iba1 (D, $p=0.382$, $n=4$) among the treatment groups. Each circle represents one piglet. Analyses conducted by Friedman test with data blocked by gel. NormoT, sustained normothermia; HI, hypoxia-ischemia; HypoT, sustained hypothermia; Rewarm, hypothermia followed by rewarming.

Supplementary Figure 3. Proteins involved in the unfolded protein response. Western blotting showed similar expression of HSP70 (A, $p=0.448$, $n=4$), ERN1 (B, $p=0.549$, $n=4$), PERK (C, $p=0.243$, $n=4$), and pERN1 (D, $p=0.103$, $n=4$) among the treatment groups. Each circle represents one piglet. Analyses conducted by Friedman test with data blocked by gel. NormoT, sustained normothermia; HI, hypoxia-ischemia; HypoT, sustained hypothermia; Rewarm, hypothermia followed by rewarming.