

SUPPLEMENTAL MATERIAL

Table 1. Expression of Proteins in the Non-ischemic Territory

| Proteins | NC | HC | p value |
|--|-------------|-------------|----------------|
| PARP | 0.02±0.003 | 0.05±0.009 | 0.006 |
| Cleaved PARP | 0.06±0.01 | 0.02±0.01 | 0.02 |
| Caspase 3 | 0.03±0.003 | 0.03±0.008 | 0.9 |
| Cleaved caspase 3 | 0.02±0.004 | 0.04±0.01 | 0.3 |
| Bnip-3 | 0.04±0.01 | 0.1±0.01 | <0.001 |
| Bcl 2 | 0.03±0.003 | 0.02±0.003 | 0.03 |
| Akt | 0.09±0.004 | 0.09±0.003 | 0.2 |
| Phospho-Akt | 0.03±0.004 | 0.07±0.005 | <0.001 |
| Erk 1/2 | 0.1±0.01 | 0.2±0.01 | 0.002 |
| Phospho-Erk 1/2 | 0.14±0.01 | 0.23±0.02 | <0.001 |
| PKCε | 0.12±0.02 | 0.13±0.01 | 0.6 |
| Phospho-PKCε | 0.05±0.01 | 0.13±0.02 | <0.001 |
| Myeloperoxidase | 0.03±0.01 | 0.09±0.03 | 0.04 |
| p38 | 0.004±0.001 | 0.067±0.013 | <0.001 |
| Phospho-p38 | 0.06±0.01 | 0.96±0.01 | 0.05 |
| <p>Data presented as mean±SEM in arbitrary units. Unpaired Student's t-test.</p> | | | |

Table 2. Expression of Proteins in the Ischemic Territory

| Proteins | NC | HC | p value |
|---|-------------|------------|----------------|
| eNOS | 0.01±0.002 | 0,01±0.002 | 0.9 |
| Phospho-eNOS | 0.03±0.01 | 0.09±0.02 | 0.005 |
| PARP | 0.02±0.006 | 0.06±0.01 | 0.004 |
| Cleaved PARP | 0.07±0.01 | 0.02±0.01 | 0.007 |
| Caspase 3 | 0.03±0.01 | 0.04±0.01 | 0.7 |
| Cleaved caspase 3 | 0.01±0.004 | 0.02±0.01 | 0.4 |
| Bnip-3 | 0.06±0.01 | 0.05±0.01 | 0.8 |
| Bcl 2 | 0.05±0.01 | 0.02±0.01 | 0.04 |
| Akt | 0.08±0.01 | 0.06±0.01 | 0.05 |
| Phospho-Akt | 0.07±0.008 | 0.05±0.001 | 0.02 |
| Erk 1/2 | 0.06±0.01 | 0.08±0.01 | 0.04 |
| Phospho-Erk 1/2 | 0.12±0.03 | 0.08±0.02 | 0.3 |
| PKCε | 0.1±0.02 | 0.1±0.02 | 0.9 |
| Phospho-PKCε | 0.12±0.03 | 0.05±0.01 | 0.04 |
| Myeloperoxidase | 0.12±0.03 | 0.06±0.01 | 0.097 |
| p38 | 0.003±0.001 | 0.06±0.02 | 0.009 |
| <p>Data presented as mean±SEM in arbitrary units. Unpaired Student's t-test.</p> | | | |