Supplemental Materials

Supplemental Table 1. Heart rate measurements during the operation.

| HR (bpm)          | MI/R-Sham (n = 7) | MI/R-RDN (n = 8) | P value |
|-------------------|-------------------|------------------|---------|
| Baseline          | 116 ± 15          | 116 ± 16         | 0.9769  |
| Occlusion 30s     | 129 ± 18          | 130 ± 15         | 0.9359  |
| Occlusion 1min    | 129 ± 16          | 124 ± 12         | 0.5410  |
| Occlusion 5min    | 120 ± 13          | 115 ± 22         | 0.6356  |
| Occlusion 90min   | 101 ± 16          | 100 ± 13         | 0.8778  |
| Post-Sham/RDN     | 108 ± 13          | 100 ± 10         | 0.2222  |

Data are shown as mean ± SEM.
Supplemental Table 2. The primer sequences.

| Gene  | ID     | Forward Primer                      | Reverse Primer                      |
|-------|--------|-------------------------------------|-------------------------------------|
| TNF-α | 397086 | AGCACTGAGAGCAGATCCGAGAC             | TGCGACCAGGAGGAAGGAGAAGGA            |
| IL-1β | 397122 | GTGATGGCTAATACGGTGACAACA            | GCTTCTCCACTGCCACGATGAC             |
| IL-6  | 399500 | GCCTTCAGTCCAGTCGCCTTCT             | TGGCATACCTTTGGCATTCTCTTC            |
| TGF-β | 397078 | GGAGCCTAGACACTCACTGACGAA          | CAGGAACGCAGATCAGTGTGGA             |
| INF-γ | 396991 | TGCTAGCTCTGGGAAGACTGAATGAC         | TCTCTGCTTGGGAACATAGTCTGA           |
| IL-10 | 397106 | GCAGCCAGCATTAGTCTGAGAACA          | GTCTAGCAACAAGTCCGCCCCATC           |
| Col1A1| 100738132| CTCAAGATGTGCCACTCCGACTG        | GTCTGCTCCTGCTCCATGTTG             |
| Col3A1| 100152001| CAGGAGGAGGATCGGAGGCTATC         | GCCACAGGATGACAGGACACAC             |
| GAPDH | 396823 | GCAAGTTCCACCGGCAAGCTCAAG       | CTCGCTCCTGGGAAGATGTTG              |