Supplemental files:

**Figure S1.** GO and KEGG enrichment analysis for DEGs in RIRI vs Sham.
| gene name | primer type | Primer Sequence (5’-3’) |
|-----------|-------------|------------------------|
| Casp1     | Forward     | GGCATGCCGTGGAGAGAAAC   |
|           | Reverse     | GGTGTTGAAGAGCAGAAAGCA  |
| Bcl2a1    | Forward     | CAGAATGGAGGCTGGGAAGAT  |
|           | Reverse     | ACCATCTCAAGGGAGCCAG    |
| Ccl20     | Forward     | CAGCCAGTCGAAGACACAGCA  |
|           | Reverse     | CGGCCCATCTGTGGTTGAAAC  |
| Il17ra    | Forward     | GCTAGGAAGAGCCCGTGCT    |
|           | Reverse     | CTAGAGCGGGAAAGTCCGAG   |
| Pycard    | Forward     | AGCTGAAAAAGATTAGGAAAGTC|
|           | Reverse     | GGCCTGACTGTCCTTCAGTC   |
| Rac2      | Forward     | GATGAGGCAATCCGAGCAGT   |
|           | Reverse     | AGACTGGGAAGACACCCCTA   |
| Tgfβ1     | Forward     | GACCCGAACAACGCAATCTA   |
|           | Reverse     | CGTGTGCTCCACAGTGTGAC   |
| Myc       | Forward     | CTTACAATCTGCGAGCCAGGA  |
|           | Reverse     | ATCGTCGTGACTGTCGGGTTT  |
| Lgals3    | Forward     | GAGGAGCACAACCCAGGAAAAATG|
|           | Reverse     | TCGAGGGGTTTGGGTTTCCAG  |
| Nefm      | Forward     | GAGATCGCCGCATATAGGAAA  |
|           | Reverse     | GTGTACAGAGGCCAGTGAT    |
| Nova1     | Forward     | AGCAACAGAGAGCAACAGAC   |
|           | Reverse     | ACCCTTCGATGACTCTGGGAT  |
| Pak1      | Forward     | AGCGAGCGCAGAAGTAGGC    |
|           | Reverse     | GGTGTTCTCAGTCGAGGCC    |
| Gfap      | Forward     | GGCCGAAGAAAACCCGATC    |
|           | Reverse     | ATTTGGTGTCAGGCTGATT    |
| TNF-α     | Forward     | ACTGAATCTGGTGATGAT     |
|           | Reverse     | GCTTGGTGTTGTCAGCAC     |
| IL-6      | Forward     | GGCTAGGACAAAGACACATCCA|
|           | Reverse     | TCTGACCACAGTGGAATGTCCA|
| IL-1β     | Forward     | CTCCATGAGCTTTGTACAGG   |
|           | Reverse     | GGGTTGACCATGTAGTCCAG   |
| IFN-γ     | Forward     | AAGACACACTGCGATGCTGAAC|
|           | Reverse     | GAACTTGGCAGTGCATGAAAAATG|
| GAPDH     | Forward     | GCAAGTTCAGAGCGCAG      |
|           | Reverse     | GCCAGTAGACTCCACGACAT   |