## Supplementary Table 2.

| ID           | Term                                      | Term Size | Overlap | Enrichment | FDR (%) |
|--------------|-------------------------------------------|-----------|---------|------------|---------|
| GO:0009615   | response to virus                         | 110       | 6       | 19.91      | 0.01564 |
| GO:0060337   | type I interferon signaling pathway       | 64        | 5       | 28.52      | 0.03642 |
| GO:0071347   | cellular response to interleukin-1        | 71        | 5       | 25.71      | 0.05493 |
| GO:0071356   | cellular response to tumor necrosis factor| 110       | 5       | 16.59      | 0.30213 |
| GO:0060326   | cell chemotaxis                           | 65        | 4       | 22.46      | 0.99735 |
| GO:0070098   | chemokine-mediated signaling pathway      | 71        | 4       | 20.57      | 1.28872 |
| GO:0051607   | defense response to virus                 | 165       | 5       | 11.06      | 1.39278 |
| GO:0006954   | inflammatory response                     | 379       | 6       | 5.78       | 4.65301 |
| GO:0071222   | cellular response to lipopolysaccharide    | 113       | 4       | 12.92      | 4.8005  |