**Table S1.** List of gene IDs, gene names, primer sequences and amplicon size in qRT-PCR based gene expression analyses.

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| **NCBI****Gene ID** |  **Gene\*** | **Primer Sequence 5’-3’** | **Amplicon Size (bp)** |
| 8678 |  *BECN1* F | 5’-CAAGATCCTGGACCGTGTCA-3' | 191 |
|  *BECN1* R | 5'-TGGCACTTTCTGTGGACATCA-3' |
| 64422 |  *ATG3* F | 5’-TCACAACACAGGTATTACAGG-3’ | 240 |
|  *ATG*3 R | 5’-TCACCGCCAGCATCAG-3’ |
| 26827 |  *RNU6-1* F | 5’-CTCGCTTCGGCAGCACATATAC-3’ | 101 |
|  *RNU6-1* R | 5’-AATATGGAACGCTTCACGAATTTG-3’ |
| *Leishmania* kDNA | *JW11* | 5’-CCTATTTTACACCAACCCCCAGT-3’ | 120 |
| *JW12* | 5’-GGGTAGGGGCGTTC TGCGAAA-3’ |