**Supplemental Table S2. Primers for quantitative PCR**

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| **Target gene** | **Forward primer** | **Reverse primer** | **Corresponding sgRNA** |
| 18S | TTGTCTCAAAGATTAAGCCATGC | ATCCAAGTAGGAGAGGAGCGAG | CGGTACAGTGAAACTGCGAA |
| 18S | CAATACAGGACTCTTTCGAGGC | CGAGCTTTTTAACTGCAGCAAC | TTTAACGAGGATCCATTGGA |
| 18S | GATGCTCTTAGCTGAGTGTCCC | CCCTCTTAATCATGGCCTCAGT | GGAATAATGGAATAGGACCG |
| 18S | ATCAGATACCGTCGTAGTTCCG | GTGTTGAGTCAAATTAAGCCGC | CCAAAGTCTTTGGGTTCCGG |
| 18S | CTTAAAGGAATTGACGGAAGGG | TCGTTCGTTATCGGAATTAACC | TGTCAATCCTGTCCGTGTCC |
| 18S | ACCGATTGGATGGTTTAGTGAG | GATCCTTCCGCAGGTTCAC | GGTCGAACTTGACTATCTAG |
| 5.8S | TGAGGCAACCCCCTCTCCTC | GTGCGTTCGAAGTGTCGATGATC | ACTCTTAGCGGTGGATCACT |
| 5.8S | GCCCTCGCCAAATCGACCTC | GATCGGCAAGCGACGCTCAG | CGAGAATTAATGTGAATTGC |
| 28S | CTTCCCGGAGTCGGGTTGCTTG | GAATCCTCCGGGCGGACTGC | ATAGTCAACAAGTACCGTAA |
| 28S | TCCCTCAGGATAGCTGGCGCTC | GTGGCCCACTAGGCACTCGC | AGAATAGGTTGAGATCGTTT |
| 28S | CGGGCCCTTCCCGTGGATC | GTAGGGCGGGGGGACGAA | CGCGCGCGCGACGAGACGTG |
| 28S | CTCAGTACGAGAGGAACCGCAGG | GACCGGCTATCCGAGGCCAA | GCTGCCGTATCGTTCCGCCT |