**S2 Table. List of primers used for RT-qPCR of gene expression.**

|  |  |  |
| --- | --- | --- |
| Primer | Sequence (5’-3’) | References |
| TRF1 - forward | TGCTTTCAGTGGCTCTTCTG | 39 |
| TRF1 - reverse | ATGGAACCCAGCAACAAGAC | 39 |
| TRF2 - forward | TTGTGGGGTCCTTGGACATA | 39 |
| TRF2 - reverse | CCAGTAGAAAACTGGTCAAGGAA | 39 |
| TERT - forward | TGTGCACCAACATCTACAAG | 40 |
| TERT - reverse | GCGTTCTTGGCTTTCAGGAT | 40 |
| TERC - forward | TCTAACCCTAACTGAGAAGGGCGTAG | 41 |
| TERC - reverse | GTTTGCTCTAGAATGAACGGTGGAAG | 41 |
| β-actin - forward | TGTACGCCAACACAGTGCTG | 42 |
| β-actin - reverse | GCTGGAAGGTGGACAGCGA | 42 |
| GAPDH - forward | AGCCACATCGCTCAGACAC | 20 |
| GAPDH - reverse | GCCCAATACGACCAAATCC | 20 |
| 18S - forward | CATTGGAGGGCAAGTCTGG | 43  |
| 18S - reverse | TCCCAAGATCCAACTACGAGC | 43  |
| c-Myc - forward | ACTCTGAGGAGGAACAAGAA | 40 |
| c-Myc - reverse | TGGAGACGTGGCACCTCTT | 40 |
| p21 - forward | ACCATGTGGACCTCTCACTGT | 44  |
| p21 - reverse | TTAGGGCTTCCTCTTGGAGAA | 44 |

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Reference no. 20 is listed in the main References section.