Table S1 Primer sequences for detecting key gene expression levels

| Gene name | Primer sequences（5'-3'） | |
|---|---|---|
| *TUB* | qF: CTCCGACTTACAGTTAGAGC | qR: AGTACTGAATCGACAAGCTC |
| *RAT1* | qF: ATCCACTGTCACCATTTGAACA | qR: ATCCACTGTCACCATTTGAACA |
| *UTP6* | qF: ACGTTCTGTGTTTCAATGGACC | qR: TCATCTCCGCCAATATCAAGAGT |
| *REXO1* | qF: GATCGGCCACGCATTAGAGA | qR: GCACGTAGAGATCGGCGTAA |
| *RAN* | qF: GCTGGTCAAGAGAAGAAGGCT | qR: TTGAGATCCACACGGGGAGA |
| *CCNB* | qF: AGCCCGAAAAATCACAGAACA | qR: GCTCCCGTACAAATGTTGGC |
| *CDC7* | qF: CCATAGCCCACACACACAGT | qR: TCGCATCGTATTGAGCCAGA |
| *APC3* | qF: AGCGGAAGGACATTTTAATTCGG | qR: TCCGTAAAACCACCACCTCTT |
| *CDK2* | qF: GGGTTTACATTGCGGCTTGT | qR: GCATCATCCTTCCCGTAACCT |
| *E2F2* | qF: TCCAGAAAAGGCGTGTTTACG | qR: ATATCGCCACCAATCCACCT |
| *RFC3_5* | qF: AGTTGTTTTTAGGGAAGGCGG | qR: ATTGGAATGGTGTCCTCACAAA |
| *MCM3* | qF: ACAAGCTGAGGAGACCAACG | qR: GCGCATGAATTTGGTGCTCA |
| *POLD2* | qF: AACAGTGGTTTTGGTCGGGA | qR: AGGAAAGGTGGTGCATTCAA |
| *MCM4* | qF: TTTGTTGGCTGGAGATCCTGG | qR: TGGATCACGACTTACACTTGC |
| *RPS6* | qF: GTGGTGCTATTGTTTCTGATGCTA | qR: CGGCTTCAGCAAGATTAGTTTCT |

| Gene name | Primer sequences（5'-3'） | |
|---|---|---|
| *RPS16* | qF: ACGGAACTTACCACGACGAA | qR: TTCTGGTATCTGGCTCTGGC |
| *RPL10* | qF: AGACACAGGAGATAGTTCGGT | qR: TGTGGTCATCTCAAACCCATTCT |
| *RPL21* | qF: AGCAAGCACAAGAATCGGGA | qR: ACCTTCACTTCAACAGGCGT |
| *RPL12* | qF: AGGAGGAGAACTTCCTGGTC | qR: AGAACGGAAGTGGATGGGTG |
| OTC | qF: CACAAGTGCTCTCCAATGCG | qR: CATCAACCTCCTTGCCCCTT |
| *desC* | qF: GGGCAAGACCATAGACGCTT | qR: TGGGTATTGCTGTTGGCAGA |
| *tdcB* | qF: TTGTGTGTGTGATGAGCGGT | qR: GTCACGTTGATGTTGGCGAG |
| *SDHB* | qF: GGCTCCTGTGCCATCAATCT | qR: GCGGCTCATCGTTCTTCCTA |
| *ATP20* | qF: CGCCAACAAGCCAAACTGAAA | qR: CAGTCCCGACCAGAATAAGCA |
| *SDHC* | qF: GCAAGTCATCGGGAAACAGC | qR: AGCAGAGCGTAGCATGTCAG |
| *ATP3* | qF: CAGCTAAAGATTCCCCGCCT | qR: GTCAGGTCCCGCCTAATACG |
| *NDUFS3* | qF: TGTTTCAATGCATGCTCGGC | qR: GGGAGTACGCTGAATGGAGT |
| *NDUFS8* | qF: CCCCACTACTGCTGTCCAAG | qR: TCTCCGTCCAAAAGCAGGTC |
| *ATP2* | qF: GCTGACATACGAAGCAAGCG | qR: CTCCAAGGGAAGAACCGGAC |
| *MDH2-1* | qF: TCTTGTTCGGTTGTACGCGA | qR: TTGTCTCCTCTCACAGGGCT |
| *SDHA* | qF: GTACGGCTACAGCACCAAGT | qR: TGCTTGGAACCTATGCAGGG |
| *MDH2-2* | qF: ATCCGAGCTTCCGTTTTCGT | qR: TCGCCATCTTATCACCAGCC |
| *MDH2-3* | qF: TTCTGTGCATGGCTTGGTCT | qR: GCCGAAATGTGGATTCGCAG |
| *MDH2-4* | qF: CGCTCCATAATCGACGCTCT | qR: ATTTGCGCGATACTGCGTTC |