**Table s1:**

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| **Primer Name** | **Nucleotide Sequences (5’🡪3’)** | **Tm (°C)** |
| PB2\_F5’ | 5’-AGCAAAAGCAGGTCAATTATATTC-3’ | 64 |
| PB2\_R740 | 5’-CCTGGAGTGTACATCTGCTCCC-3’ | 64 |
| PB2\_F496 | 5’-GTTGTTTTCCCAAATGAAGTGGG-3’ | 60 |
| PB2\_R1253 | 5’-ATCGCCCCTAACTGCCTTGATCA-3’ | 62 |
| PB2\_F832 | 5’-GCATCTCTCTTGGAAATGTG-3’ | 58 |
| PB2\_R1823 | 5’-GCAAAGGGGAGAAGTTTTATTA-3’ | 60 |
| PB2\_F1600 | 5’-TCAATGATGTGGGAGATCAATGG-3’ | 60 |
| PB2\_F1683 | 5’-AGCAAAAGCAGGCAAACCAT-3’ | 60 |
| PB2\_R3’ | 5’-AGTAGAAACAAGGTCGTTTTTAAAC-3’ | 66 |
| PB1\_F5 | 5’-AGCAAAAGCAGGCAAACCATTTGAATGGATGTC-3’ | 80 |
| PB1\_R520 | 5’-AATCTATTAGCCTTCCTGACTCAT-3’ | 66 |
| PB1\_F711 | 5’- TGA ACA CRA TGA CCA ARG A -3’ | 50 |
| PB1\_R843 | 5’-GTTCAAGCTTTTCRCAWATG-3’ | 60 |
| PB1\_R1566 | 5’-AGCTCCATGCTRAAATTRGC-3’ | 60 |
| PB1\_F1251 | 5’- TGAGTCCTGGAATGATGATG-3’ | 58 |
| PB1\_R1863 | 5’- CCATTTCAAGCAGACTTCAG-3’ | 58 |
| PB1\_F1705 | 5’- TGCCACAGAGGTGACACAC-3’ | 60 |
| PB1\_R3’ | 5’-AGTAGAAACAAGGCATTTTTTCA-3’ | 60 |
| PA\_F5’ | 5’-AGCAAAAGCAGGTACTGATCCG-3’ | 68 |
| PA\_R613 | 5’-CTCTTTCGGACTGACGAAAG-3’ | 60 |
| PA\_F361 | 5’-TATGAYTACAARGAGAA-3’ | 44 |
| PA\_R989 | 5’-GGTTCTTTCCATCCAAAGAATGTT-3’ | 66 |
| PA\_F894 | 5’-AAATTRAGCATTGAR GAYCCA -3’ | 54 |
| PA\_R1662 | 5’-TCWAGTCTYGGGTCAGTGAG-3’ | 60 |
| PA\_F1366 | 5’-ACTGAATACATAATAAGGG-3’ | 52 |
| PA\_R3’ | 5’-AGTAGAAACAAGGTACTTTTTTGG-3’ | 64 |
| SWF\_HA\_F1 | 5’-AGCAAAAGCAGGGGAAAATAAAAGCA-3’ | 60 |
| SWF\_HA\_R694 | 5’-TCTTGATGACCCCACAAAAACATA-3’ | 58 |
| SWF\_HA\_F510 | 5’-AGCTTCTACARAAATTTAATATGGCT-3’ | 56 |
| SWF\_HA\_R1126 | 5’-CATCCATCTACCATCCCTGTCCA-3’ | 62 |
| SWF\_HA\_F1398 | 5’-GATTCAAATGTGAAGAACTTATATGA-3’ | 66 |
| SWF\_HA\_R1780 | 5’-AGTAGAAACAAAGGGTGTTTTTTCTCATGT-3’ | 62 |
| SWF\_N1\_F1 | 5’-AGCAAAAGCAGGAGTTCAAAATGAATC-3’ | 60 |
| SWF\_N1\_R575 | 5’-ATGACAAGCACTTGCTGACCAAG-3’ | 60 |
| SWF\_N1\_F437 | 5’-GCTAAATGACAAACATTCCAATGG-3’ | 58 |
| SWF\_N1\_R1115 | 5’-AATGCTTTTAGTTCTCCCTATCCA-3’ | 58 |
| SWF\_N1\_F957 | 5’-CAGATAGGATACATAAGCAGTGG-3’ | 60 |
| N1\_R3’ | 5’-AGTAGAAACAAGGAGTTTTTTGAAC-3’ | 66 |
| NP\_F5’ | 5’-AGCAAAAGCAGGGTAGATAATC-3’ | 62 |
| NP\_R972 | 5’-GTGRGCTGGGTTTTCATTTGGTC-3’ | 68 |
| NP\_F778 | 5’-GCACGGTCAGCACTYATCCTAAG-3’ | 58 |
| NP\_R1205 | 5’-GCCCAGTATCTGCTTCTCA-3’ | 58 |
| NP\_R3’ | 5’-AGTAGAAACAAGGGTATTTTTCT-3’ | 60 |
| SWF\_M\_F | 5’-AGCAAAAGCAGGTAGATATTTAAAGATGAGTCT-3’ | 68 |
| SWF\_M\_R | 5’-AGGTAGTTTTTTACTCYAGCTCTATGYTGACAA-3’ | 68 |
| M\_R\_3’ | 5’-AGTAGAAACAAGGTAGTTTTTTAC-3’ | 62 |
| NS\_F5’ | 5’-AGCAAAAGCAGGGTGACAAAAAC-3’ | 66 |
| NS\_R3’ | 5’-AGTAGAAACAAGGGTGTTTTTTAT-3’ | 62 |
| Uni\_12\_F | 5’- AGC AAA AGC AGG -3’ | 42 |