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**Supplementary Data**

**Equine ANP32 proteins support influenza A virus RNA polymerase activity**

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**Supplementary Table S1 primers used for eqANP32A gene cloning**

|  |  |  |
| --- | --- | --- |
| Primer name | Primer sequences (5'→3') | Annealing  temperature/℃ |
| eqANP32A\_X1-F | AAAGAATTGTGCGGCCGCatgccagcctttgagccctggcgccc | 56 |
| eqANP32A\_X1-R | CTTGTAGTCTCCGCTgtcatcatcttctccctcatcttcaggttctcg |
| eqANP32A\_X2-F | GAATTGTGCGGCCGCatggacatggacaaacggattca | 56 |
| eqANP32A\_X3/4-F | GAATTGTGCGGCCGCatgggaactgggaggctcggcgaaag | 56 |
| eqANP32A\_X5-F | AGAATTGTGCGGCCGCatgcccctccgtggagagggtccac | 56 |
| eqANP32A\_X6-F | GAATTGTGCGGCCGCatggtgaaagagctcgtcctggacaa | 55 |