**Table S2.** RT-PCR reaction systems and running programs of the viruses detection

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Primer name** | **Reaction system** | | | | | **RT-PCR program** | | | | | |
| RNA extracts | 2X buffer | primers | RT/Taq | ddH20 | reverse transcription | pre-denaturation | 40 cycles | | | final  extension |
| denaturation | annealing | extension |
| Nep-R2-3093df/3809dr | 1 ul | 10 ul | 1.2 ul | 0.5 ul | 8 ul | 50℃,  30 min | 94℃,  2 min | 94℃, 30s | 53℃,  30 s | 72℃,  1 min | 72℃,  10 min |
| Nuc-9881df/10770dr |
| Idea-R2-1580df/2307dr |
| Ena3dr/3df | 1 ul | 12.5 ul | 2 ul | 0.5 ul | 10 ul | 50℃,  30 min | 94℃,  2 min | 94℃,  30s | 53℃,  30 s | 72℃,  30s | 72℃,  10 min |