**Supplementary Table S1 List of primer sequences of point-mutated RNA3 constructs**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Constructs** | **Positions** | **Base changes** | **Oligonucleotide primers** | **Amino acid substitutions** |
| pCY3MP51NS | 272 | T to C | d(GGCCGGACTGAAATAGCACTATCAGCGCGC) | Asn to Ser |
| pCY3CP17LP | 1308, 1309 | AA to GG | d(CCACGACGCGGACGACGTCG) | Leu to Pro |
| pCY3CP129SP | 1644 | T to C | -a | Ser to Pro |
| pCY3CP17LP  129SP | 1305, 1306, 1644 | AA to GG,  T to C | - | Leu to Pro,  Ser to Pro |

a Suzuki et al. 1995