**Table S2.** Primers used for genome sequencing of rose ilarvirus 2.

|  |  |
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| **Primer name** | **Sequence (5' ¦ 3')** |
| RNA1 | |
| RoseX-R1-27F | CGACCCGGATTAATCAGTTTTCT |
| RoseX-R1-3255R | ACATCCCAGAGGACCCCTTACT |
| RoseX-R1-2688F | CACATTGAAACACCCCTCTATCA |
| RoseX-R1-3052F | GCGGGATCTTCACACAACTTAG |
| RoseX-R1-577R | AACGCAACTCTCTCTCTGGTTGT |
| RoseX-R1-343R | CGTGTGAAGAAGTAGCTGAGTTG |
| RNA2 | |
| RoseX-R2-234F | CGTTAGTGGAGAAGCTATCATGTG |
| RoseX-R2-2911R | CAAAGGTGGGCATATGGACTTAG |
| RoseX-R2-2412F | CGTTTCATGGACGTCACCTAGTA |
| RoseX-R2-2626F | GTCGTGGAGTATTTCCTCCTATGG |
| RoseX-R2-616R | CAAAACGGCTAGACCAGACAGC |
| RoseX-R2-393R | GTATGCCTCTTCAGGCACATCTC |
| RNA3 | |
| RoseX-R3-1F | CGCTGAAGCTGTTATCCTACCTGA |
| RoseX-R3-1R | TGGAGAAAGGGACGCAAGATAGAG |
| RoseX-R3-2F | GGAACTGTCAACCGCTTCGAGGA |
| RoseX-R3-2R | AGCGCAAAAGCAATGACAGTACGG |
| RoseX-R3-1837F | GCTCCTAATAGAGTCCGTGTGAAG |
| RoseX-R3-2036F | CTCCTCCAGACTTTCTTGTCTGTG |
| RoseX-R3-590R | GAGCGGGTATTTTCATCACACA |
| RoseX-R3-441R | GGTCAAGACGACAGGCTTAGTT |