S1 Table. The primers used in amplifying the Region E and helix A and/or helix B of BMV, as well as various helix B motifs of CMV 1a, CCMV 1a, HEV ORF1, and RuV P150.

| Name     | Sequence (NAs in lower case are viral sequences)                                                                 | Note                                      |
|----------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| VTXW1984 | ACTTTAACTGCAGTTTAATTAATGtcgtcagttatattatattacgg                                                        | sense primer for BMV 1a Region E          |
| VTXW1985 | CCACCTACATCGCGGCCGCACggtacagaatctttgcgtcaaa                                                                 | antisense primer for BMV 1a Region E      |
| VTXW1986 | ACTTTAACTGCAGTTTAATTAATGggtgcctttgcgtgactttg                                                          | Sense primer for BMV 1a helix A           |
| VTXW1987 | CCACCTACATCGCGGCCGCAngaatactcaccaccaccacaaaa                                                               | antisense primer for BMV 1a helix B       |
| VTXW1990 | CCACCTACATCGCGGCCGCAggccgtaagctttgtact                                                                  | antisense primer for BMV 1a helix A       |
| VTXW1992 | ACTTTAACTGCAGTTTAATTAATGtggaaaggtggtgcatca                                                             | sense primer for BMV 1a helix B           |
| VTXW2475 | CTATACTTTAACTGCAGTTTAATTAattgaggtgagtacggagccaaaa                                                      | sense primer for HEV ORF1 helix B         |
| VTXW2476 | ACCACCACACCTACATCGCGGCCGCAagacttcacaagcaact                                                              | antisense primer for HEV ORF1 helix B     |
| VTXW2567 | CTATACTTTAACTGCAGTTTAATTAATGggtaaaggtgagtgcttgcaacc                                           | sense primer for CCMV 1a helix B          |
| VTXW2568 | ACCACCACACCTACATCGCGGCCGCAgtacttcctcaccacacaaaa                                                       | antisense primer for CCMV 1a helix B      |
| VTXW2569 | CTATACTTTAACTGCAGTTTAATTAatgatgtatatgtgatgatgatgtgtcaggttatt                                           | sense primer for CMV 1a helix B           |
| VTXW2570 | ACCACCACACCTACATCGCGGCCGCAaacaacacttgagaacaa                                                        | antisense primer for CMV 1a helix B       |
| VTXW3036 | atggacaccatttggagagccgagcttacgctctcctgtTGCAGGGCCGAGATGGGTGGTGGGTGGTGGT                                    | sense primer for RuV P150 helix B         |
| VTXW3037 | accgagagaacccgcttacgctccacagttggtgtcatTAATAAAACTGCAGTTAAGTATAGA                                        | antisense primer for RuV P150 helix B     |