

Supplementary Materials

The Viromes of Mosquitoes from the Natural Landscapes of Western Siberia

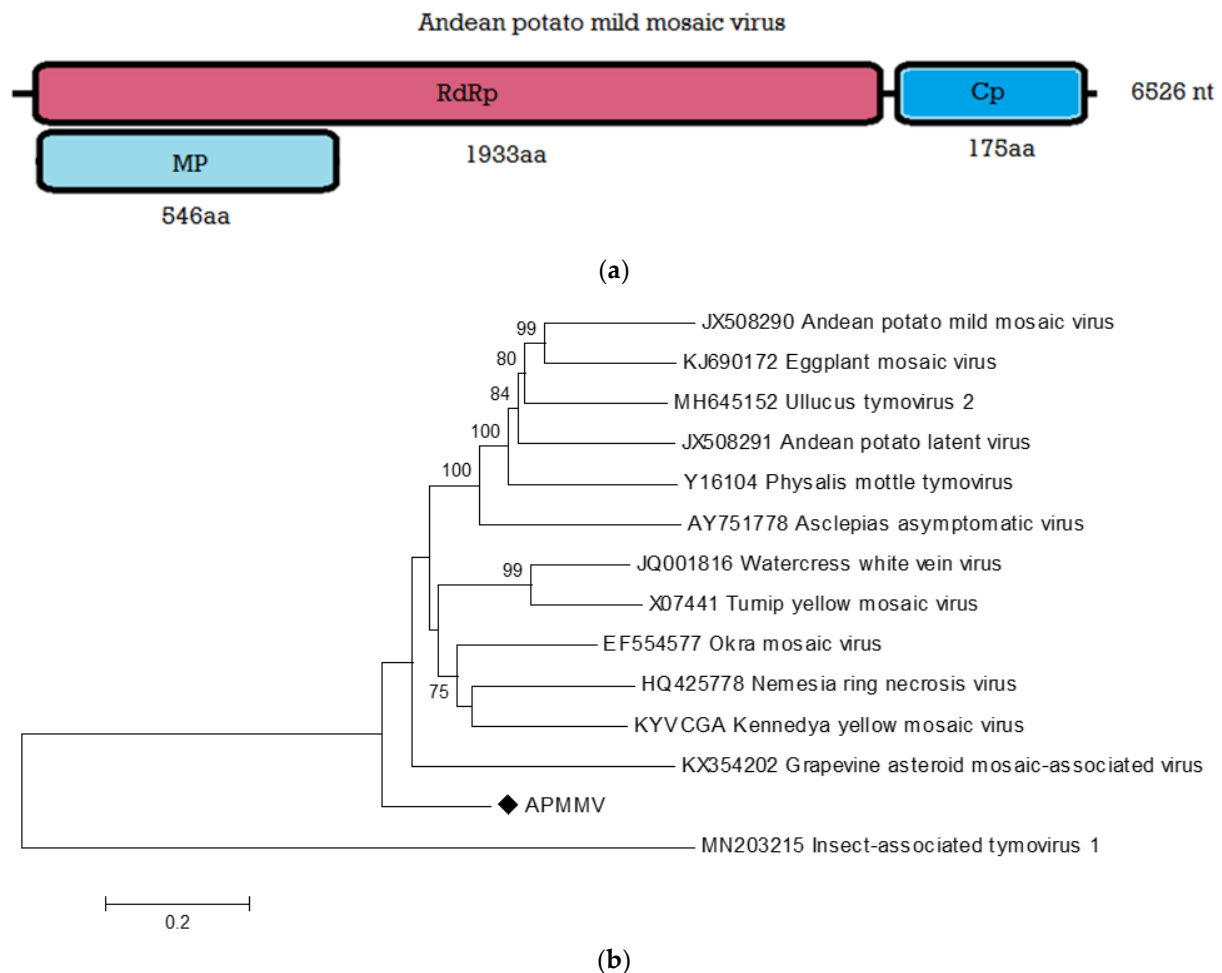


Figure S1. Andean potato mild mosaic virus (APMMV) as a novel Inya insect-associated virus 1 and 2. The APMMV are close to insect-associated tymovirus 1 and 2 (near 60% identity). (*Viruses*; *Riboviria*; *Orthornavirae*; *Kitrinoviricota*; *Alsuviricetes*; *Tymovirales*; unclassified *Tymovirales*.). (A) The scheme of genome organization for Insect-associated tymovirus 1; (B) The phylogenetic trees for RNA viruses for selected *Tymoviralis* and APMMV.

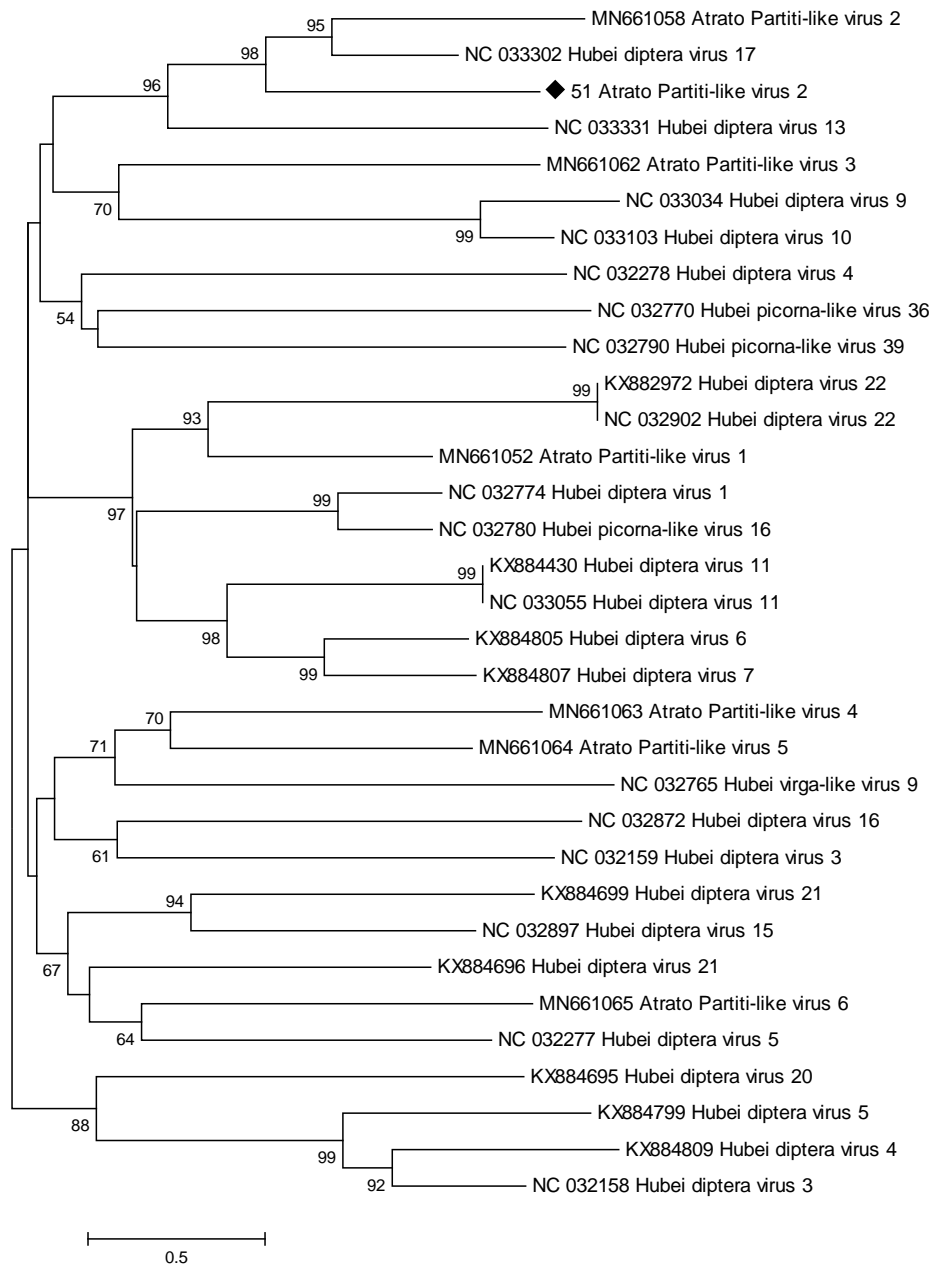
Partitivirus-like 1



Atrato Partiti-like virus 2 segment 2



(a)



(b)

Figure S2. A novel virus with a 51% identity to Atrato Partiti-like virus 2 was detected in the Anopheles messeae pool and referred to as the Krahall insect-associated virus. (A) The scheme of genome organization for *Partitivirus*. (B) The phylogenetic relationship of *Partitivirus* with Atrato Partiti-like virus 2, based on the alignment of the RdRp and the putative scheme for the partitivirus genome.

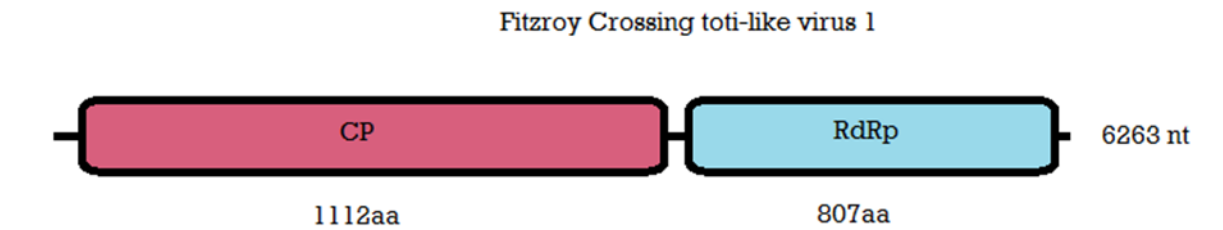


Figure S3. The scheme of genome organization for the Fitzroy Crossing toti-like virus 1.

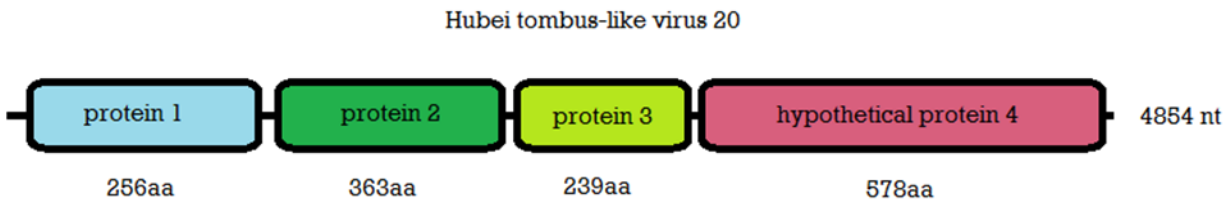


Figure S4. The scheme of genome organization for the Tombus-like virus. .

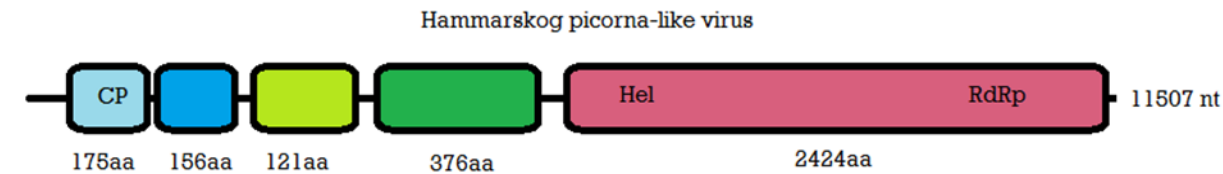


Figure S5. The genome organization for the picorna-like virus.

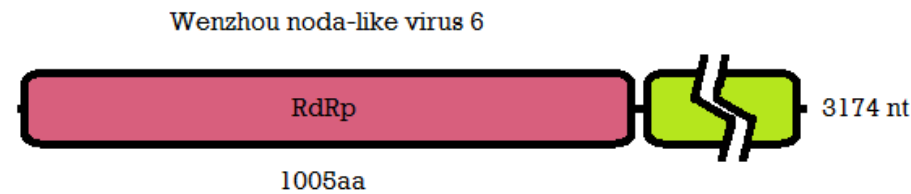


Figure S6. The genome organization for the nodaviruses (ssRNA).

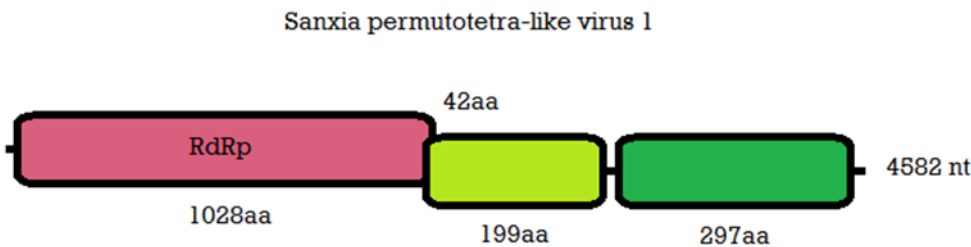


Figure S7. The genome organization for the permutotetraviruses.