

Supplementary Files

Table S1. Accession numbers of viral sequences used in these work for sequence analyses and phylogenetic reconstruction.

Name	GeneBank Accession	Family
<i>Drosophila C virus</i>	AF014388.1	<i>Dicistroviridae</i>
<i>Infectious flacherie virus</i>	AB000906.1	<i>Iflaviridae</i>
<i>Spodoptera exigua iflavirus-1</i>	JN091707.1	<i>Iflaviridae</i>
<i>Spodoptera exigua iflavirus-2 isolate Spain</i>	KJ186788	<i>Iflaviridae</i>
<i>Lygus lineolaris virus-1</i>	JF720348.1	<i>Iflaviridae</i>
<i>Sacbrood virus</i>	AF092924.1	<i>Iflaviridae</i>
<i>Glossina morsitans virus-like</i>	EZ407281.1	<i>Iflaviridae</i>
<i>Slow bee paralysis virus</i>	EU035616.1	<i>Iflaviridae</i>
<i>Brevicoryne brassicae picorna-like virus</i>	EF517277.1	<i>Iflaviridae</i>
<i>Varroa destructor virus-1</i>	AY251269.2	<i>Iflaviridae</i>
<i>Deformed wing virus</i>	AJ489744.2	<i>Iflaviridae</i>
<i>Kakugo virus</i>	AB070959.1	<i>Iflaviridae</i>
<i>Perina nuda virus</i>	AF323747.1	<i>Iflaviridae</i>
<i>Ectropis obliqua picorna-like virus</i>	AY365064.1	<i>Iflaviridae</i>
<i>Nasonia vitripennis virus-1</i>	FJ790486.1	<i>Iflaviridae</i>
<i>Halyomorpha halys virus</i>	AGY34702.1	<i>Iflaviridae</i>
<i>Laodelphax striatella honeydew virus-1</i>	AHK05791.1	<i>Iflaviridae</i>
<i>Nilaparvata lugens honeydew virus-1</i>	BAN19725.	<i>Iflaviridae</i>
<i>Nilaparvata lugens honeydew virus-2</i>	BAN57352.1	<i>Iflaviridae</i>
<i>Nilaparvata lugens honeydew virus-3</i>	BAN57353.1	<i>Iflaviridae</i>
<i>Formica exsecta virus-2</i>	AHB62422.1	<i>Iflaviridae</i>
<i>Heliconius erato iflavirus</i>	AHW98099.1	<i>Iflaviridae</i>
<i>Antheraea pernyi iflavirus</i>	YP_009002581.1	<i>Iflaviridae</i>
<i>Lymantria dispar iflavirus-1</i>	AIF75200.1	<i>Iflaviridae</i>
<i>Venturia canescens picorna-like virus</i>	AY534885.1	<i>Iflaviridae</i>
<i>Antheraea mylitta cypovirus</i>	AY212272.1	<i>Reoviridae</i>
<i>Antheraea assamensis cypovirus</i>	AY212275.1	<i>Reoviridae</i>
<i>Antheraea proylei cypovirus</i>	AY212276.1	<i>Reoviridae</i>
<i>Bombyx mori cypovirus 1</i>	D37768.1	<i>Reoviridae</i>
<i>Choristoneura fumiferana cypovirus</i>	U95954.1	<i>Reoviridae</i>
<i>Choristoneura occidentalis cypovirus 16</i>	EU201043.1	<i>Reoviridae</i>
<i>Culex restuans cypovirus</i>	DQ212785.	<i>Reoviridae</i>
<i>Lymantria dispar cypovirus 1</i>	NC_003025.1	<i>Reoviridae</i>
<i>Cypovirus mosquito/0507BS3/Xinjiang</i>	FJ150869.1	<i>Reoviridae</i>
<i>Dendrolimus punctatus cypovirus 1</i>	AY211094.1	<i>Reoviridae</i>
<i>Euxoa scandens cypovirus</i>	J04338.1	<i>Reoviridae</i>
<i>Heliothis armigera cypovirus 14</i>	DQ010323.1	<i>Reoviridae</i>
<i>Heliothis armigera cypovirus 5</i>	DQ077912.1	<i>Reoviridae</i>
<i>Heliothis assulta cypovirus 14</i>	DQ077914.1	<i>Reoviridae</i>
<i>Inachis io cypovirus 2</i>	KC588375.1	<i>Reoviridae</i>
<i>Lymantria dispar cypovirus 1</i>	AF389471.1	<i>Reoviridae</i>
<i>Lymantria dispar cypovirus 14</i>	AF389461.1	<i>Reoviridae</i>

Table S1. Cont.

Name	GeneBank Accession	Family
<i>Operophtera brumata</i> cypovirus 18	DQ192250.1	Reoviridae
<i>Operophtera brumata</i> cypovirus 19	DQ192254.1	Reoviridae
<i>Orgyia pseudotsugata</i> cypovirus 5	KC588365.1	Reoviridae
<i>Simulium ubiquitum</i> cypovirus	DQ834386.1	Reoviridae
<i>Teia anartooides</i> cypovirus	HQ901376.1	Reoviridae
<i>Trichoplusia ni</i> cypovirus 15	AF291692.1	Reoviridae
<i>Uranotaenia sapphirina</i> cypovirus	AY876384.1	Reoviridae
Adelaide River virus	AAG10421.1	Rhabdoviridae
Lettuce necrotic yellows virus	YP_425092.1	Rhabdoviridae
Lettuce yellow mottle virus	ABV56129.1	Rhabdoviridae
Northern cereal mosaic virus	NP_597914.1	Rhabdoviridae
Kotonkan virus	AEI17640.1	Rhabdoviridae
Kimberley virus	AFR67096.1	Rhabdoviridae
Malakal virus	AFR67117.1	Rhabdoviridae
Berrimah virus	AEH58025.1	Rhabdoviridae
Rabies virus	NP_056797.1	Rhabdoviridae
Lagos bat virus	ABZ81161.1	Rhabdoviridae
Duvenhage virus	ABZ81216.1	Rhabdoviridae
Mokola virus	AGQ16857.1	Rhabdoviridae
Infectious hematopoietic necrosis virus	NP_042681.1	Rhabdoviridae
Hirame rhabdovirus	NP_919035.1	Rhabdoviridae
Snakehead virus	NP_050585.1	Rhabdoviridae
Rice yellow stunt virus	NP_620502.1	Rhabdoviridae
Maize mosaic virus	YP_052855.1	Rhabdoviridae
Potato yellow dwarf virus	ADE45274.1	Rhabdoviridae
Eel virus European X	CBH20130.1	Rhabdoviridae
Perch rhabdovirus	AFX72892.1	Rhabdoviridae
<i>Muscina stabulans</i> sigmavirus	AEA49879.1	Rhabdoviridae
<i>Drosophila immigrans</i> sigmavirus	AEA49878.1	Rhabdoviridae
<i>Drosophila obscura</i> sigmavirus 10A	ACU65444.1	Rhabdoviridae
<i>Drosophila melanogaster</i> sigmavirus AP30	CBA18272.1	Rhabdoviridae
<i>Drosophila tristis</i> sigmavirus	AEA49876.1	Rhabdoviridae
<i>Drosophila affinis</i> sigmavirus 10	ACU65445.1	Rhabdoviridae
Pike fry rhabdovirus	ACP28002.1	Rhabdoviridae
Spring viraemia of carp virus	ABF06664.1	Rhabdoviridae
Tench rhabdovirus S64	AGE10373.1	Rhabdoviridae
Coastal Plains virus	ADG86364.1	Rhabdoviridae
Tibrogargan virus	ADG86355.1	Rhabdoviridae
Durham virus	ADB88761.1	Rhabdoviridae
Tupaia virus	AAX47602.1	Rhabdoviridae
Maraba virus	AEI52253.1	Rhabdoviridae
Isfahan virus	YP_007641386.1	Rhabdoviridae
Vesicular stomatitis Indiana virus	AAA48371.1	Rhabdoviridae
Jurona virus	AEG25349.1	Rhabdoviridae
<i>Spodoptera frugiperda</i> rhabdovirus	AHN92647.1	Rhabdoviridae
Taastrup virus	AY423355.1	Rhabdoviridae
Moussa virus	ACZ81402.1	Rhabdoviridae

Table S2. Comparison of previous (Gschloessl *et al.*, 2014) and present transcriptome sequencing and assembly.

Nr of transcripts in 454 transcriptome ^a	12,011
Nr of transcripts in present transcriptome ^b	161,682
Nr of transcripts in present transcriptome that blast with 454 transcriptome	17,273
Nr of new transcripts in present transcriptome when compared to 454 transcriptome	144,409
Nr of transcripts from 454 transcriptome in present transcriptome	11,680

^a Gschloessl *et al.*, 2014. ^b Illumina and 454 transcriptome assembly.