

## Electronic Supplementary Material

### Identification and Molecular Characterization of a New Omono River Virus Isolated from *Culex tritaeniorhynchus* in Yunnan, China

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Supporting information to DOI: 10.1007/s12250-020-00247-w

**Table S1.** List of protein sequences used for reconstruction of *Totiviridae* RdRp-based phylogenetic tree.

Accession	Virus Name	Abbreviation	Host
BAU71114.1	<i>Alternaria arborescens</i> victorivirus 1	AaVV1	Fungi
AOR51364.1	<i>Anopheles</i> totivirus	AToV	Arthropod
YP_003934934.1	<i>Armigeres subalbatus</i> virus	AsV	Arthropod
CCD33024.1	<i>Aspergillus foetidus</i> slow virus 1	AfV S1	Fungi
YP_009417301.1	Australian <i>Anopheles</i> totivirus	AATV	Arthropod
YP_009032633.1	<i>Beauveria bassiana</i> victorivirus 1	BbVV NZ-1980	Fungi
APS85760.1	<i>Biomphalaria</i> virus	BV5	Mollusk
YP_009072433.1	<i>Botryosphaeria dothidea</i> victorivirus 1	BdV1	Fungi
YP_009230208.1	<i>Camponotus nipponicus</i> virus	CNV	Arthropod
YP_009143313.1	<i>Camponotus yamaokai</i> virus	CYV	Arthropod
YP_024728.1	<i>Chalara elegans</i> RNA virus 1	ChalEIV	Fungi
CAJ57274.1	Cherry chlorotic rusty spot associated totiviral-like dsRNA 4	CCRS4	Fungi
YP_392467.1	<i>Coniothyrium minitans</i> RNA virus	CmRV	Fungi
AMB17466.1	<i>Delisea pulchra</i> totivirus IndA	DpR	Plant
YP_003289293.1	<i>Drosophila melanogaster</i> totivirus	DTV	Arthropod
AOM63180.1	<i>Eimeria stiedai</i> RNA virus 1	EsRV1	Protozoan
YP_009115500.1	<i>Eimeria tenella</i> RNA virus 1	EtRV1	Protozoan
CAK02788.1	<i>Epichloe festucae</i> virus 1	EfV1	Fungi
YP_009272905.1	<i>Fusarium poae</i> victorivirus 1	FpV1	Fungi
NP_620070.1	<i>Giardia lamblia</i> virus	GLV	Protozoan
YP_009256209.1	Golden shiner totivirus	GSTV	Vertebrate
NP_624332.2	<i>Gremmeniella abietina</i> RNA virus L1	GaRV L1	Fungi
NP_898833.1	<i>Helicobasidium mompa</i> totivirus	HmV1-17	Fungi
AAB94791.2	<i>Helminthosporium victoriae</i> virus	HvV 190S	Fungi
YP_009030005.1	<i>Leishmania aethiopica</i> RNA virus	LRV Lae	Protozoan
APT68189.1	<i>Leishmania</i> RNA virus 1	LRV 1-1	Protozoan
AHK06416.1	<i>Leishmania</i> RNA virus 2	LRV 2-1	Protozoan
YP_009072448.1	<i>Leptopilina boulardi</i> toti-like virus	LbTV	Arthropod
ALD89107.1	<i>Macrophomina phaseolina</i> totivirus 1	MpTotV1	Fungi
YP_122352.1	<i>Magnaporthe oryzae</i> virus 1	MoV1	Fungi
YP_009259486.1	Maize-associated totivirus	MATV	Plant
YP_009254736.1	<i>Nigrospora oryzae</i> victorivirus 1	NoRV1	Fungi
BAJ21511.1	Omono river virus	ORV AK4	Arthropod
CAJ34336.1	<i>Ophiostoma minus</i> totivirus	OmV	Fungi
YP_009225665.1	<i>Panax notoginseng</i> virus A	PnVA	Plant
YP_529549.2	Penaeid shrimp infectious myonecrosis virus	IMNV	Arthropod
YP_009212848.1	<i>Penicillium aurantiogriseum</i> totivirus 1	PaTV1	Fungi
YP_009249475.1	<i>Penicillium digitatum</i> virus 1	PdV1	Fungi
ALD89108.1	<i>Phomopsis longicolla</i> totivirus 1	PLTV	Fungi
YP_009115492.1	<i>Phomopsis vexans</i> RNA virus	PvRV	Fungi
YP_004581250.1	Piscine myocarditis virus	PMCV	Vertebrate
YP_009229915.1	Piscine myocarditis-like virus	PMCLV	Vertebrate

AOX47551.1	<i>Pterostylis sanguinea</i> totivirus A	PstV-A	Plant
ATO91007.1	<i>Puccinia striiformis</i> totivirus 1	PstV1	Fungi
YP_009182174.1	Red clover powdery mildew-associated totivirus 1	RPaTV1	Fungi
YP_008130308.1	<i>Rosellinia necatrix</i> victorivirus 1	RnVV1	Fungi
NP_620495.1	<i>Saccharomyces cerevisiae</i> virus LA	ScV L A	Fungi
AAB02146.1	<i>Saccharomyces cerevisiae</i> virus LBC La	ScV L BC	Fungi
AGG68771.1	<i>Scheffersomyces segobiensis</i> virus L	SsVL	Fungi
YP_009259368.1	<i>Sclerotinia nivalis</i> victorivirus 1	SnVV	Fungi
NP_047558.1	<i>Sphaeropsis sapinea</i> RNA virus 1	SsRV1	Fungi
YP_005454251.1	Tianjin totivirus	ToV	Vertebrate
YP_004089630.1	<i>Tolypocladium cylindrosporum</i> virus 1	TcV1	Fungi
YP_009162330.1	<i>Trichomonas vaginalis</i> virus 1	TVV1	Protozoan
AKE98370.1	<i>Trichomonas vaginalis</i> virus 2	TVV2	Protozoan
AKE98372.1	<i>Trichomonas vaginalis</i> virus 3	TVV3	Protozoan
AED99796.1	<i>Trichomonas vaginalis</i> virus 4	TVV4	Protozoan
ADQ54106.1	<i>Tuber aestivum</i> virus 1	TaV1	Fungi
YP_007761589.1	<i>Ustilagoidea vires</i> RNA virus 1	UvRV1	Fungi
YP_007697651.1	<i>Xanthophyllomyces dendrorhous</i> L1A	XdV L1A	Fungi
BAJ21513.1	Omono River virus Y61	ORV Y61	Arthropod
AUI11418.1	Omono River virus TB102	ORV TB102	Arthropod
AUI11419.1	Omono River virus TB94	ORV TB94	Arthropod
AUX13136	Lonestar tick totivirus	LTV	Arthropod
BBD50443	<i>Pythium polare</i> RNA virus 1	PpV1	Fungi
AXQ04872	Totivirus-like <i>Culex</i> mosquito virus 1	TCmV1	Arthropod
AYD49682	<i>Fusarium asiaticum</i> victorivirus 1	FAVV1	Fungi
AYD61657	<i>Blechnomonas juanalfonzi</i> Leishmanivirus-like RNA virus 1	LRV BJ1	Protozoan
AYD61662	<i>Blechnomonas maslovi</i> Leishmanivirus-like RNA virus 1	LRV BM1	Protozoan
AYD61665	<i>Blechnomonas wendygibsoni</i> Leishmanivirus-like RNA virus 1	LRV BW1	Protozoan
AZT88633	<i>Colletotrichum eremochloae</i> totivirus 1	CEV1	Fungi
AZT88645	<i>Tolypocladium ophioglossoides</i> totivirus 1	ToTV1	Fungi
AZT88647	<i>Hortaea werneckii</i> totivirus 1	HwTV1	Fungi
QBA69889	<i>Botrytis cinerea</i> victorivirus 1	BcV1	Fungi
YP_009551559	Diatom colony associated dsRNA virus 8	DCV8	Chromalve olata
YP_009552789	Diatom colony associated dsRNA virus 5	DCV5	Chromalve olata
YP_009552795	Diatom colony associated dsRNA virus 11	DCV11	Chromalve olata
YP_009552822	<i>Culex tritaeniorhynchus</i> totivirus	CTV	Arthropod
QBL75907	<i>Solenopsis midden</i> virus	SMV	Arthropod
QBP37034	<i>Lampyrus noctiluca</i> toti-like virus 1	LNTV1	Arthropod
NP108651	<i>Eimeria brunetti</i> RNA virus	EbRV1	Protozoan
YP052858	<i>Helminthosporium victoriae</i> 145S virus	HvV 145S	Fungi