

Supplementary Table 3. The reference sequences used in this study

Strains		GenBank accession no. L	GenBank Accession no. S	Complete genome or partial gene	Sampling sites
WENV	Wufeng WFS	MZ328246	MZ328247	Complete genome	China
	WCS	MZ328242	MZ328239	Complete genome	China
	Rn-242	KJ909795	NC_026018	Complete genome	Zhejiang, China
	140512	KM051420	KM051422	Complete genome	Zhejiang, China
	Rn-366	-	KM386660	Complete genome	Zhejiang, China
	RnYM3-2016	MG736229	-	Partial gene	China
	RnYL4-2016	MG736231	-	Partial gene	China
	RnGZ40-2018	MW174779	MW174780	Complete genome	Guangdong, China
	RnGZ37-2018	-	MW174778	Complete genome	Guangdong, China
	CH50	MZ272061	-	Complete genome	Guangdong, China
	CH31	-	MZ272059	Complete genome	Guangdong, China
	Rn-YCB1	KY662262	KY662263	Complete genome	Xinjiang, China
	9-24	-	MF414208	Complete genome	Yunnan, China
	RtYM16-2015	MG736227	MG736236	Complete genome	Yunnan, China
	RtYM51-2015	MG736228	-	Partial gene	Yunnan, China
	RtYM51-2016	MG736230	-	Partial gene	China
	Haikou	MF595888	MF595889	Complete genome	Hainan, China
	PL	MF974577	-	Complete genome	Hainan, China
	DK	-	MF974578	Complete genome	Hainan, China
	G107	MF925714	MF925715	Complete genome	Shandong, China
	MYR-039	MG999644	MG999643	Complete genome	Malaysia
	C649	KC669690	KC669696	Complete genome	Burma
	C617	KC669691	KC669694	Complete genome	Burma
	P456	KM888759	-	Partial gene	Cambodia
	KP050	KM888757	-	Partial gene	Cambodia
LORV	R4397	KC669692	KC669697	Complete genome	Tailand
	R5047	NC038365	NC038364	Complete genome	USA
LASV	Nig08-A41	GU481077	GU481076	Complete genome	Nigeria
	812285	MG812674	-	Partial gene	Nigeria
	Pinneo-NIG-1969	KM822127	-	Partial gene	Nigeria
	ISTH2061-NTG-2012	KM821970	KM821971	Complete genome	USA
LCMV	53b	AY847351	AY847350	Complete genome	Spain
	Clone 13	DQ361066	-	Complete genome	USA
	IGS31	-	KJ603310	Complete genome	USA
JUNV	XJ#44	DQ489718	GQ121040	Complete genome	Argentina
	XJ13	AY358022	-	Complete genome	USA
	XJ34	-	JF799982	Complete genome	Argentina