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Table S1. Accession numbers of 10 genome segments of MRV strains used in phylogenetic tree construction

Mammalian orthoreovirus strain	Accession number									
	L1	**L2**	**L3**	**M1**	**M2**	**M3**	**S1**	**S2**	**S3**	**S4**
MRV12-47	LC773578	LC773579	LC773580	LC773581	LC773582	LC773583	LC773584	LC773585	LC773586	LC773587
MRV12-48	LC773588	LC773589	LC773590	LC773591	LC773592	LC773593	LC773594	LC773595	LC773596	LC773597
MRV12-52	LC773568	LC773569	LC773570	LC773571	LC773572	LC773573	LC773574	LC773575	LC773576	LC773577
MRV 1-Lang	M24734	AF378003	AF129820	AF461682	AF490617	AF174382	M35963	L19774	M14325	M13139
MRV 1-B/03/Bat/China	KX263307	KX263308	KX263309	KX263310	KX263311	KX263312	KX263313	KX263314	KX263315	KX263316
MRV 1-TS/Shrew/China/2011	MG451061	MG451062	MG451063	MG451064	MG451065	MG451066	MG451067	MG451068	MG451069	MG451070
MRV 1-Kansas40/Bat/USA/2018	OP057407	OP057408	OP057409	OP057404	OP057405	OP057406	OP057400	OP057401	OP057402	OP057403
MRV 1-YNSZ-V207/Cattle/China/2016	MW198704	MW198705	MW198706	MW198707	MW198708	MW198709	MW198710	MW198711	MW198712	MW198713
MRV 1-BatMRV B19-02/Bat/South Korea/2019	MW582622	MW582623	MW582624	MW582625	MW582626	MW582627	MW582628	MW582629	MW582630	MW582631
MRV 1-JS2017/Porcine/China/2017	MN788304	MN788305	MN788306	MN788307	MN788308	MN788309	MN788310	MN788311	MN788312	MN788313
MRV 2-Jones	M31057	AF378005	AF129821	AF124519	M19355	AF174383	M35964	L19775	M18390	X60066
MRV 2-CH/GX/PReoV/2435/Porcine/China/2018	MZ298655	MZ298656	MZ298657	MZ298658	MZ298659	MZ298660	MZ298661	MZ298662	MZ298663	MZ298664
MRV 2-Osaka1994/Human/Japan/1994	LC476895	LC476896	LC476897	LC476898	LC476899	LC476900	LC476901	LC476902	LC476903	LC476904
MRV 2-RpMRV-YN2012/Bat/China/2012	KM087105	KM087106	KM087107	KM087108	KM087109	KM087110	KM087111	KM087112	KM087113	KM087114
MRV 2-Nebraska809/Bat/USA/2017	OP057397	OP057398	OP057399	OP057394	OP057395	OP057396	OP057390	OP057391	OP057392	OP057393
MRV 2-THK0325/Sewage/Japan/2020	LC613209	LC613210	LC613211	LC613212	LC613213	LC613214	LC613215	LC613218	LC613217	LC613216
MRV 2-SI-MRV08/Human/Slovenia/2011	MT518184	MT518185	MT518186	MT518187	MT518188	MT518189	MT518190	MT518191	MT518192	MT518193
MRV 2-OV204/Deer/USA/2016	MK092964	MK092965	MK092966	MK092967	MK092968	MK092969	MK092970	MK092971	MK092972	MK092973
MRV 2-BtMRV-QAPpC66/Bat/China/2016	OP169449	OP169452	OP169455	OP169458	OP169461	OP169464	OP169467	OP169470	OP169473	OP169476
MRV 2-MRV-85/Porcine/Zambia/2018	LC533904	LC533905	LC533906	LC533907	LC533908	LC533909	LC533910	LC533911	LC533912	LC533913
MRV 3-Dearing	HM159613	HM159614	HM159615	HM159616	HM159617	HM159618	HM159619	HM159620	HM159621	HM159622
MRV 3-4476/Porcine/USA/2014	MN233103	MN233035	MN233009	MN233058	MN233050	MN233042	MN233096	MN233085	MN233077	MN233067
MRV 3-SD-14/Mink/China/2014	KT224504	KT224505	KT224506	KT224507	KT224508	KT224509	KT224510	KT224511	KT224512	KT224513
MRV 3-MPC-04/Civet/China/2004	GQ468266	GQ468267	GQ468268	GQ468269	GQ468270	GQ468271	GQ468272	GQ468273	GQ468274	GQ468275
MRV 3-BtMRV-WIV7/Bat/China/2011	KT444552	KT444553	KT444554	KT444555	KT444556	KT444557	KT444558	KT444559	KT444560	KT444561
MRV 3-GXLZ2301/Bovine/China/2023	OQ627750	OQ627751	OQ627752	OQ627753	OQ627754	OQ627755	OQ627746	OQ627747	OQ627748	OQ627749
MRV 3-Toyoma14/Wild boar/Japan/2018	LC579751	LC579752	LC579753	LC579754	LC579755	LC579756	LC579757	LC579758	LC579759	LC579760
MRV 4-Ndelle	AF368033	NA	NA	NA	AF368034	NA	AF368035	AF368036	NA	AF368037

Table S2. Pairwise comparison of 10 segments of MRV12-47, MRV12-48 and MRV12-52

Segment	Nucleotide sequence identity (%)		
	MRV12-47 & MRV12-48	**MRV12-47 & MRV12-52**	**MRV12-48 & MRV12-52**
L1	100	100	100
L2	100	99.95	100
L3	99.87	99.87	100
M1	99.96	99.6	100
M2	99.95	100	99.95
M3	100	99.91	99.91
S1	99.93	99.93	100
S2	100	100	100
S3	100	100	100
S4	100	100	100

Table S3. Detection of MRV genome in faecal samples of fruit bats in Indonesia

Year	Location	Bat species	No. of positive samples
2012	Paguyaman	[a]*Pteropus sp.*	0/2
		Dobsonia moluccensis	0/17
		Acerodon celebensis	0/18
	Surabaya	*Pteropus vampyrus*	0/3
	Magelang	*Pteropus vampyrus*	3/19
2013	Paguyaman	*Pteropus sp.*	0/6
		Acerodon celebensis	0/4
2014	Soppeng	*Pteropus sp.*	0/7
	Sidrap	*Pteropus sp.*	0/15
Total			**3/91**

[a]*Pteropus* sp.; bat genetically closely related to *P. hypomelanus*