

**Table S1. Phleboviruses' sequence data**

Sample ID	Species designation ICTV2020 <sup>¶</sup>	GenBank Accession	L Seg	Country first isolated/detected	Year	Isolation Source 1	Isolation Source 2	Reference
Massilia PoSFPhebV/21/2007	<i>Massilia phlebovirus</i>	MW448252		Portugal	2007	Sandflies	Phlebotomine sandflies	This work
Massilia PoSFPhebV/70/2007	<i>Massilia phlebovirus</i>	MW448255		Portugal	2007	Sandflies	Phlebotomine sandflies	This work
Arrabida virus	<i>Naples phlebovirus</i> *	KP863799		Portugal	2008	Sandflies	Phlebotomine sandflies	<a href="https://doi.org/10.1016/j.virusres.2016.01.004">DOI: 10.1016/j.virusres.2016.01.004</a>
Massilia_127	<i>Massilia phlebovirus</i>	KT906098		Portugal	2008	Sandflies	Phlebotomine sandflies	<a href="https://doi.org/10.1186/s12985-015-0407-0">DOI: 10.1186/s12985-015-0407-0</a>
Massilia_130	<i>Massilia phlebovirus</i>	KT906099		Portugal	2008	Sandflies	Phlebotomine sandflies	<a href="https://doi.org/10.1186/s12985-015-0407-0">DOI: 10.1186/s12985-015-0407-0</a>
Massilia_W	<i>Massilia phlebovirus</i>	EU725771		France	2005	Sandflies	<i>Phlebotomus perniciosus</i>	<a href="https://doi.org/10.1089/vbz.2008.0131">DOI: 10.1089/vbz.2008.0131</a>
Granada_GR25	<i>Naples phlebovirus</i> *	GU135606		Spain	2004	Sandflies	<i>Phlebotomine sandflies</i>	<a href="https://doi.org/10.4269/ajtmh.2010.09-0697">DOI: 10.4269/ajtmh.2010.09-0697</a>
Punique_PI_B4	<i>Punique phlebovirus</i>	JF920133		Tunisia	2008	Sandflies	<i>Ph. perniciosus, Ph. longicuspis</i>	<a href="https://doi.org/10.1099/vir.0.056614-0">DOI: 10.1099/vir.0.056614-0</a>
Toscana_H4906	<i>Toscana phlebovirus</i>	KU922127		France	2004	Human	<i>Homo sapiens</i>	<a href="https://doi.org/10.1128/genomeA.00454-16">DOI: 10.1128/genomeA.00454-16</a>
Toscana_T152	<i>Toscana phlebovirus</i>	JX867534		Tunisia	2010	Sandflies	<i>Phlebotomus</i> sp.	<a href="https://doi.org/10.3201/eid1902.121463">DOI: 10.3201/eid1902.121463</a>
Toscana_EsPHGR40	<i>Toscana phlebovirus</i>	FJ153280		Spain	2004	Sandflies	<i>Phlebotomus</i> sp.	<a href="https://doi.org/10.3201/eid1504.081111">DOI: 10.3201/eid1504.081111</a>
Sandfly_Fever_Naples	<i>Naples phlebovirus</i>	HM566172		Italy	1944	Human	<i>Homo sapiens</i>	<a href="https://doi.org/10.1099/vir.0.056614-0">DOI: 10.1099/vir.0.056614-0</a>
Naples_Sabin	<i>Naples phlebovirus</i>	JF939843		Italy	1944	Human	<i>Homo sapiens</i>	
Sand_fever_Naples_like_strain Poona	<i>Naples phlebovirus</i>	HM566176		India	1971	Human	<i>Homo sapiens</i>	
Gordil_virus_isolate_Dak_ANBr 496d	<i>Gordil phlebovirus</i>	KF297900		Central African Republic	1984	Mouse	<i>Lemniscomys striatus</i>	<a href="https://doi.org/10.1099/vir.0.056614-0">DOI: 10.1099/vir.0.056614-0</a>
Tehran_virus_strain_I-47	<i>Tehran phlebovirus</i>	JF939846		Iran	1976	Sandflies	<i>Phlebotomus perfiliewi</i>	<a href="https://doi.org/10.1099/vir.0.056614-0">DOI: 10.1099/vir.0.056614-0</a>
Saint_Floris_virus_strain_Dak_ANB 512	<i>Saint Floris phlebovirus</i>	JF920136		Central African Republic	1971	Mouse	<i>Tatera</i> sp.	<a href="https://doi.org/10.1099/vir.0.056614-0">DOI: 10.1099/vir.0.056614-0</a>
Mukawa_virus_isolate_MKW73	<i>Mukawa phlebovirus</i>	LC063770		Japan	2013	Tick	<i>Ixodes persulcatus</i>	<a href="https://doi.org/10.1128/mSphere.00239-18">DOI: 10.1128/mSphere.00239-18</a>
Zerdali_virus_strain_37	<i>Zerdali phlebovirus</i>	NC_029901		Turkey	2012	Sandflies	<i>Phlebotomus</i> sp.	<a href="https://doi.org/10.1371/journal.pntd.0004519">DOI: 10.1371/journal.pntd.0004519</a>
Alcube_virus_S20	<i>Alcube phlebovirus</i>	KR363190		Portugal	2007	Sandflies	<i>Phlebotomine sandflies</i>	<a href="https://doi.org/10.1186/s12985-015-0407-0">DOI: 10.1186/s12985-015-0407-0</a>
Medjerda_Valley_virus_strain_T131	<i>Medjerda phlebovirus</i>	KU255114		Tunisia	2010	Sandflies	<i>Phlebotomus</i> sp.	<a href="https://doi.org/10.1099/jgv.0.000389">DOI: 10.1099/jgv.0.000389</a>
Salehabad_virus_strain_I-81	<i>Salehabad phlebovirus</i>	JX472403		Iran	1959	Sandflies	<i>Phlebotomus</i> sp.	<a href="https://doi.org/10.1099/vir.0.048850-0">DOI: 10.1099/vir.0.048850-0</a>
Adana_virus_strain_195	<i>Adana phlebovirus</i>	KJ939330		Turkey	2012	Sandflies	<i>Phlebotomus</i> sp.	<a href="https://doi.org/10.1128/JVI.03027-14">DOI: 10.1128/JVI.03027-14</a>
Arumowot_virus	<i>Arumowot phlebovirus</i>	HM566144		Sudan	1963	Mosquitoes	<i>Culex antennatus</i>	<a href="https://doi.org/10.1099/vir.0.048850-0">DOI: 10.1099/vir.0.048850-0</a>
Arumowot_virus_isolate_Ar_1286-64	<i>Arumowot phlebovirus</i>	MF593931		Sudan	1963	Mosquitoes	<i>Culex antennatus</i>	<a href="https://doi.org/10.1371/journal.pone.0185194">DOI: 10.1371/journal.pone.0185194</a>
Odrenisrou_virus	<i>Odrenisrou phlebovirus</i>	HM566174		Ivory Coast	1980	Mosquitoes	<i>Culex albiventris</i>	<a href="https://doi.org/10.1099/vir.0.048850-0">DOI: 10.1099/vir.0.048850-0</a>
Salanga_virus_strain_AnB_904a	<i>Salanga phlebovirus</i>	KC669549		Central African Republic	1971	Rodent	<i>Aethomys medicatus</i>	<a href="https://doi.org/10.1371/journal.pone.0078470">DOI: 10.1371/journal.pone.0078470</a>

<sup>¶</sup> Archives of Virology (2020) 165:3023–3072; DOI:10.1007/s00705-020-04731-2

Reference and Genbank data differ. The data presented was retrieved from Genbank accession.

**Isolation Source 1** - common species/group name; **Isolation Source 2** - species assigned