

**Table S2.** Nucleotide diversity<sup>a</sup> of Grapevine leafroll-associated virus 3 (GLRaV-3) in different geographical populations.

	n <sup>b</sup>	Poland	USA	Portugal	China	Brazil	Slovakia	Canada	Chile	South Africa	Pakistan	Bosnia and Herzegovina	Italy	Israel	Croatia	New Zealand
Poland	2	<b>0.0031±0.0031</b>	0.0745±0.0397	0.0599±0.0281	0.0294±0.0156	0.0290±0.0150	0.0042±0.0023	0.1944±0.1063	0.0181±0.0147	0.1279±0.0680	0.0289±0.0265	0.0095±0.0037	0.1915±0.0394	0.0729±0.0365	0.0877±0.0438	0.2470±0.1235
USA	11		<b>0.1200±0.1344</b>	0.0971±0.0314	0.0841±0.0274	0.0875±0.0286	0.0752±0.0444	0.2114±0.0665	0.0833±0.0344	0.1523±0.0489	0.0877±0.0379	0.0780±0.0288	0.2141±0.0277	0.1080±0.0488	0.0937±0.0423	0.2439±0.0740
Portugal	5			<b>0.0811±0.0805</b>	0.0650±0.0158	0.0648±0.0176	0.0600±0.0302	0.2109±0.0789	0.0632±0.0235	0.1378±0.0569	0.0654±0.0262	0.0610±0.0180	0.2058±0.0314	0.0713±0.0357	0.0690±0.0349	0.2578±0.0930
China	11				<b>0.0474±0.0507</b>	0.0455±0.0125	0.0304±0.0165	0.2023±0.0689	0.0401±0.0157	0.1323±0.0491	0.0452±0.0193	0.0337±0.0114	0.1990±0.0257	0.0719±0.0232	0.0758±0.0259	0.2536±0.0642
Brazil	11					<b>0.0398±0.0315</b>	0.0302±0.0162	0.2037±0.0709	0.0402±0.0155	0.1285±0.0513	0.0379±0.0141	0.0312±0.0100	0.2026±0.0259	0.0492±0.0211	0.0944±0.0294	0.2534±0.0677
Slovakia	1						<b>n.c.</b>	0.1937±0.1127	0.0190±0.0149	0.1277±0.0727	0.0302±0.0274	0.0110±0.0042	0.1915±0.0444	0.0735±0.0000	0.0865±0.0000	0.2459±0.1229
Canada	4							<b>0.2600±0.2403</b>	0.1994±0.0892	0.2254±0.0696	0.2029±0.0956	0.1960±0.0726	0.2600±0.0388	0.2178±0.1113	0.2160±0.1064	0.2504±0.1006
Chile	4								<b>0.0313±0.0324</b>	0.1346±0.0592	0.0387±0.0255	0.0233±0.0111	0.1978±0.0326	0.0779±0.0339	0.0910±0.0394	0.2514±0.0994
South Africa	6									<b>0.1969±0.1864</b>	0.1291±0.0646	0.1280±0.0499	0.2203±0.0284	0.1257±0.0803	0.1415±0.0766	0.2434±0.0856
Pakistan	3										<b>0.0526±0.0502</b>	0.0316±0.0182	0.2025±0.0362	0.0512±0.0341	0.0957±0.0455	0.2550±0.1126
Bosnia and Herzegovina	10											<b>0.0110±0.0116</b>	0.1944±0.0261	0.0671±0.0204	0.0890±0.0268	0.2479±0.0656
Italy	32												<b>0.2043±0.1921</b>	0.2192±0.0464	0.2000±0.0481	0.2897±0.0448
Israel	1													<b>n.c.</b>	0.1046±0.0000	0.2645±0.1323
Croatia	1														<b>n.c.</b>	0.2563±0.1282
New Zealand	2															<b>0.2148±0.1868</b>

Nucleotide diversity within a group is reported in bold in the diagonal, while nucleotide diversity between groups are reported above the diagonal. <sup>a</sup> Nucleotide diversity was measured by the Jukes–Cantor method. <sup>b</sup> Number of isolates for each population; n.c., not calculated.