

**Table S3.** Percent identity matrix of the polyprotein between the Spanish isolates and representatives of the Lombardy and Veneto clusters of WNV-L2. The isolate from Hungary 2004 was used as the reference sequence.

	DQ116961 Hungary 2004	KF647249 Italy 2013 Rovigo	MT863560 France 2018	KF823806 Italy 2013 Mantova	AC923 Spain 2020 Tarragona	AC924 Spain 2020 Tarragona	AC913 Spain 2020 Lleida	AC568 Spain 2017 Lleida
DQ116961 Hungary 2004	<b>100.00</b>	99.65	99.74	99.74	99.59	99.59	99.65	99.68
KF647249 Italy 2013 Rovigo	99.65	<b>100.00</b>	99.80	99.80	99.65	99.65	99.71	99.74
MT863560 France 2018	99.74	99.80	<b>100.00</b>	99.94	99.80	99.80	99.85	99.88
KF823806 Italy 2013 Mantova	99.74	99.80	99.94	<b>100.00</b>	99.80	99.80	99.85	99.88
AC923 Spain 2020 Tarragona	99.59	99.65	99.80	99.80	<b>100.00</b>	99.88	99.88	99.91
AC924 Spain 2020 Tarragona	99.59	99.65	99.80	99.80	99.88	<b>100.00</b>	99.88	99.91
AC913 Spain 2020 Lleida	99.65	99.71	99.85	99.85	99.88	99.88	<b>100.00</b>	99.97
AC568 Spain 2017 Lleida	99.68	99.74	99.88	99.88	99.91	99.91	99.97	<b>100.00</b>