

Table S2. Primers' sequences used in this study for the whole genome sequencing of the first Spanish WNV-L2 isolates. + symbol indicates LNA residues.

Primer pairs	Primer ID* (* ref. KF647251)	Sequence	Author (* personal communications)
1	WN_5'_end	AGTAGTCGCCTGTGAGCTGAC	Jourdain et al., 2006
	WNL2_457c	GTCACAGCTCCAGCACAAGCGAT	M. Elizalde and J. Fernández-Pinero *
2	WNL2_310	CAGCGATGAAGCATCTCTTGAGTT	M. Elizalde and J. Fernández-Pinero *
	WNL2_941c	TGCCACCAGGAGCAATAGGA	L. Barzon *
3	WNL2_857	CCTCGTTGCAGCGGTATGG	M. Elizalde and J. Fernández-Pinero *
	WNL2_1526c	ACAGTCAACC GTGAC CCTCACCAT	M. Elizalde and J. Fernández-Pinero *
4	WNL2_1390	CGACGACTGTTGAATCTCATGGC	M. Elizalde and J. Fernández-Pinero *
	WNL2_2034c	ATGGATTACGGTCACCAGTCTTC	M. Elizalde and J. Fernández-Pinero *
5	WNL2_1904	CACTGGCCATGGAACGGT	M. Elizalde and J. Fernández-Pinero *
	WNL2_2492c	CTCTTGCC TGCCAATATCAATG	M. Elizalde and J. Fernández-Pinero *
6	WNL2_2308	CACTCTTGGAGGGATGTCCTG	M. Elizalde and J. Fernández-Pinero *
	WNL2_2962c	AGGAACATGCGAGTGCTTGTG	M. Elizalde and J. Fernández-Pinero *
7	WNL2_2829	GCTCCAGAACTAGCTAACACACCTT	M. Elizalde and J. Fernández-Pinero *
	WNL2_3457c	TCCATTCCATACCAACAGCCA	M. Elizalde and J. Fernández-Pinero *
8	WNL2_3317	AAGTGATA GTTGCGGACACCGT	M. Elizalde and J. Fernández-Pinero *
	WNL2_3942c	TGAGAACATCATCCACGCGACG	L. Barzon *
9	WNL2_3860	GGCTTACTATGACGCCAAGA	L. Barzon *
	WNL2_4453c	CCATCATCATCCAGCCTAAC	L. Barzon *
10	WNL2_4356	GATATGTGGATCGAGAGGACGG	Jourdain et al., 2006
	WNL2_4995c	CA GTGGATAGTCTAGCGTA ACTG	M. Elizalde and J. Fernández-Pinero *
11	WNL2_4877	TGAGGTCCAAATGATTGTCGT	M. Elizalde and J. Fernández-Pinero *
	WNL2_5604c	TGTCCGAGATAGGAGCATTG	L. Barzon *
12	WNL2_5447	AATGGATGAAGCCCATTCA CG	M. Elizalde and J. Fernández-Pinero *
	WN5808c	GACAAAGTCCC ATCATCGTTCTT	Jourdain et al., 2006
13	WNL2_5629	GCCTGGAACACTGGATATGA	L. Barzon *
	WNL2_6244c	TAAGCGAGCCAGACTGGTAA	L. Barzon *
14	WNL2_6126	TATCAGCCTGAGCGCGAGAA	L. Barzon *
	WNL2_6593c	CTCCTCAAGAGCCATCCTGTGA	M. Elizalde and J. Fernández-Pinero *
15	WNL2_6469	TCGTTGAGGTGCTCGGGAGA	M. Elizalde and J. Fernández-Pinero *
	WNL2_7057c	ACGGCTGTCGTTACGGCATA	M. Elizalde and J. Fernández-Pinero *
16	WN6895	AATGAGATGGGTTGGCTGGACAAGA	Jourdain et al., 2006
	WNL2_7609c	AGCCAT CCTCCTCGCATGATGT	M. Elizalde and J. Fernández-Pinero *
17	WNL2_7492	GAGAGGCTGGAATTCTGACT	L. Barzon *
	WNL2_8145c	GTTCTTCTACCTCGGC ACTT	L. Barzon *
18	WNL2_8077	CATCAGAACGAGCGACACA	L. Barzon *
	WNL2_8603c	ATAGCTCCGTGGTAGTCCAG	M. Elizalde and J. Fernández-Pinero *
19	WNL2_8492	CTGATACTAGCAAGATCAAGAACCGA	M. Elizalde and J. Fernández-Pinero *
	WNL2_8993c	ACGCTCTCATCCACCATCT	M. Elizalde and J. Fernández-Pinero *
20	WNL2_8901	CTAGGAGCGATGTTGAAGAACAGA	M. Elizalde and J. Fernández-Pinero *
	WNL2_9464c	TCTGGAGATGACATCCATCACAGT	M. Elizalde and J. Fernández-Pinero *
21	WNL2_9367	TAGCGCGTCCATCATTGAG	L. Barzon *
	WNL2_10020c	TGGCGTTAGCCATCAATCTCA	M. Elizalde and J. Fernández-Pinero *
22	WNL2_9955	CATACGCGCAGATGTGGCT	M. Elizalde and J. Fernández-Pinero *
	WNL2_10616c	CGTGGATCACCTCGCAACTT	M. Elizalde and J. Fernández-Pinero *
23	JE_10478	GTACA+CGGTGCTGY+CTG	M. Elizalde and J. Fernández-Pinero *
	WNL2_11011c	CACCTATATCGGGCACTGT	M. Elizalde and J. Fernández-Pinero *