

	MuVs/Madrid.ESP/10.14/	1	Madrid	2014	T145C (T32A)															
	MuVs/Murcia.ESP/03.15/	1	Murcia	2015	T247C															
	MuVs/Madrid.ESP/29.15/	2	Madrid	2015	T73C (L8S)	T84C (F12P)	T85C (F12P)													
2	MuVs/Minnesota.USA/53.14/	1	Ávila	2015	A116G (I22M)	A135G (I29V)	A140G	A141G (T31A)	A154G (K35R)											
		1	Madrid	2016	A116G (I22M)	A135G (I29V)	A140G	A141G (T31A)	A154G (K35R)											
4	MuVs/Alicante.ESP/24.18/	1	Alicante	2018	G251A															
		3	Madrid		G251A															
	MuVs/Madrid.ESP/38.18/	1	Madrid	2018	T88C (L13P)	T90C	T94C (L15P)													
	MuVs/Madrid.ESP/43.18/	1	Madrid	2018	T103C (L18P)	A116G (I22M)	T123C (Y25H)	A135G (I29V)	A140G	A141G (T31A)	A154G (K35R)									
		1	Ávila		T103C (L18P)	A116G (I22M)	T123C (Y25H)	A135G (I29V)	A140G	A141G (T31A)	A154G (K35R)									
	MuVs/Madrid.ESP/45.18/	1	Madrid	2018	T86C															
	MuVs/Murcia.ESP/25.19/	1	Murcia	2019	G92A															
	MuVs/Madrid.ESP/29.19/	1	Madrid	2019	C62T															
	MuVs/Madrid.ESP/35.19/	1	Madrid	2019	G302A															
	MuVs/Madrid.ESP/41.19/5	2	Madrid	2019	A167G															
	MuVs/Madrid.ESP/48.19/	1	Madrid	2019	A229G															
4	MuVs/Tarragona.ESP/20.11/	1	Barcelona	2011	G159T (A37S)															
		1	Madrid	2018	G159T (A37S)															
		1	Burgos	2019	G159T (A37S)															
		1	Navarra		G159T (A37S)															
	MuVs/Soria.ESP/48.19/	1	Soria	2019	T100C (L17P)	A151G (Y34C)	A154G (K35R)	A181G (Y44C)												
	MuVs/Guadalajara.ESP/22.19/	1	Guadalajara	2019	T12C	C13A	T23C	T72C	T88C (L13P)	T94C (L15P)	T104C	T115C (I22T)	T119C	T120C	T123C (Y23H)	T139C (L30S)				

Supplementary table. Nucleotide differences, temporal and geographical distribution of the MuV variants. SH nucleotide differences were identified using

MuVi/Sheffield.GBR/1.05/ as reference (EU597478). Amino acid substitutions of the non-synonymous mutations are shown in parenthesis. N: number of sequences.