

Supplementary material for the article:

Stanković, I.; Vučurović, A.; Zečević, K.; Petrović, B.; Nikolić, D.; Delibašić, G. Characterization of Cucumber Mosaic Virus and Its Satellite RNAs Associated with Tomato Lethal Necrosis in Serbia. *Eur J Plant Pathol* **2021**. <https://doi.org/10.1007/s10658-021-02241-8>.

Supplementary Table S1 CP sequences of CMV from GenBank used in the phylogenetic analysis

Isolate name ^a	Country	Host plant	GenBank Accession number
415-07 ^a	Serbia	<i>Cucurbita pepo</i> 'Olinka'	KC847072
270-09	Serbia	<i>Cucurbita pepo</i> 'Tosca'	JX262137
500-10	Serbia	<i>Cucurbita pepo</i>	JX262138
201-11	Serbia	<i>Cucurbita pepo</i> 'Beogradska'	KC847070
674-11	Serbia	<i>Lagenaria siceraria</i>	JX127305
581-11	Serbia	<i>Capsicum annuum</i>	KC414926
101-08	Serbia	<i>Solanum lycopersicum</i>	KC414925
670-08	Serbia	<i>Solanum lycopersicum</i>	KC847077
533-1-11	Serbia	<i>Solanum lycopersicum</i>	KF147806
533-2-11	Serbia	<i>Solanum lycopersicum</i>	JX127308
650-07	Serbia	<i>Nicotiana tabacum</i>	EU921757
RS	Hungary	<i>Raphanus sativus</i>	AJ517802
P1-1, Ri-8	Spain	<i>Solanum lycopersicum</i>	AM183116, 19
NS	Hungary	<i>Nicotiana glutinosa</i>	AJ511990
Trk7	Hungary	<i>Trifolium repens</i>	L15336
R	France	<i>Solanum lycopersicum</i>	Y18138
I17F	France	<i>Solanum lycopersicum</i>	X16386
TFN	Italy	<i>Solanum lycopersicum</i>	Y16926
Vir	Italy	<i>Capsicum annuum</i>	HE962480
TN	Japan	<i>Solanum lycopersicum</i>	AB176847
PF	Japan	/	AB368501
D8	Japan	<i>Raphanus sativus</i>	AB004781
Y	Japan	<i>Nicotiana tabacum</i>	D12499
Ixora	Philippines	<i>Solanum lycopersicum</i>	U20219
NT9	Taiwan	<i>Solanum lycopersicum</i>	D28780
LW, ND1	China	<i>Nicotiana tabacum</i>	EU414784, 85
Ca	China	<i>Arachis hypogaea</i>	AY429432
CTL	China	<i>Brassica chinensis</i>	EF213025
Phy	China	/	DQ412732
Cah1	China	<i>Canna</i> sp.	FJ268746
Cb7	China	<i>Solanum lycopersicum</i>	EF216867
RZ	China	<i>Nicotiana tabacum</i>	EF159146
SD	China	<i>Nicotiana tabacum</i>	AB008777
XJ2	China	<i>Beta vulgaris</i>	DQ070746
Ly2	Korea	<i>Lilium longiflorum</i>	AJ296154
Li	Korea	<i>Lilium tsingtauense</i>	AB506797
FNY	USA	<i>Cucumis melo</i>	D10538
LS	USA	<i>Lactuca sativa</i>	AF127976
N1-03	USA	<i>Nicotiana tabacum</i>	JF918966

Q	Australia	<i>Capsicum annuum</i>	M21464
LY	Australia	<i>Lupinus angustifolius</i>	AF198103
PoCMV7-7	Syria	<i>Solanum tuberosum</i>	AB448695
S	South Africa	<i>Cucurbita pepo</i>	AF063610

^aAll data are from GenBank

Supplementary Table S2 CMV satellite RNA sequences from GenBank used in the phylogenetic analysis

Isolate name ^a	Country	Host plant	GenBank Accession number
T8A, T1, T2, T7, T22, T16, T6, T4, T12	Italy	<i>Solanum lycopersicum</i>	X86408-16
To79	Italy	<i>Nicotiana tabacum</i>	X86417
T57,T27, T8	Italy	<i>Solanum lycopersicum</i>	X86418-20
TO80, TO77	Italy	<i>Nicotiana tabacum</i>	X86421-22
T59	Italy	<i>Solanum lycopersicum</i>	X86423
NG71	Italy	<i>Nicotiana glauca</i>	X86424
CE	Italy	<i>Apium graveolens</i>	X86425
PG	Italy	<i>Solanum lycopersicum</i>	X86426
T18	Italy	<i>Solanum lycopersicum</i>	X86708
TTS	Italy	<i>Solanum lycopersicum</i>	X69136
TFN	Italy	<i>Solanum lycopersicum</i>	X65455
F2, FG	Croatia	<i>Solanum lycopersicum</i>	X89003-04
/	Croatia	<i>Solanum lycopersicum</i>	DQ839133
To/1989/19.1	Spain	<i>Solanum lycopersicum</i>	Z75872
To/1990/21.1	Spain	<i>Solanum lycopersicum</i>	Z75880
D27-CARNA-5	USA	<i>Solanum lycopersicum</i>	U31661
Sb-WI	USA	<i>Phaseolus vulgaris</i>	KC415034
IR-WI	USA	<i>Phaseolus vulgaris</i>	JF834526
N1-02-satRNA-389large	USA	<i>Vinca minor</i>	JF918972
PoSA4	Syria	<i>Solanum tuberosum</i>	AB448702
E-satRNA, OY2-satRNA	Japan	/	M20844-45
Y-satRNA	Japan	<i>Nicotiana tabacum</i>	D10037
SD	China	<i>Nicotiana tabacum</i>	D89673

FFQT1-3	China	<i>Solanum lycopersicum</i>	HQ283395
XJs2	China	<i>Beta vulgaris</i>	DQ070747
CA8	Brazil	<i>Capsicum annuum</i>	AF172648
CMV satRNA 43	Greece	<i>Phaseolus vulgaris</i>	KT382261

^aAll data are from GenBank