

Online Resource 3 Percent nucleotide identity for complete genomes between maize yellow mosaic virus from South Africa and other worldwide isolates

Region	Virus species name given (Genbank/Reference)	Virus isolate country and name	NCBI Accession #	Short name (Figure 1)	%nucleotide identity	%nucleotide identity	Host Plant(s)	Region (district)	Year collected	Reference
					to MaYMV RSA BR1A (MG570476)	to MaYMV RSA SCM (MN943641)				
Africa	Maize yellow mosaic virus (MaYMV)	South Africa (RSA BR1A)	MG570476	RSA BR1A	100%	98.50%	Maize	South Africa (KwaZulu-Natal province)	2013	This study
Africa	MaYMV	South Africa (RSA SCM)	MN943641	RSA SCM	98.50%	100%	Maize	South Africa (KwaZulu-Natal province)	2012	This study
Africa	Maize yellow dwarf virus-RMV	Kenya (MYDV-RMV KARLO)	MH205607	Kenya KALRO	99.60%	98.80%	Maize	Kenya	2012-2014	1
Africa	MYDV-like polerovirus	Kenya (MYDV-like 97_EA)	MF974579	Kenya MYDV-like	99.10%	98.80%	Maize	Kenya	2013-2016	2
Africa	MaYMV	Tanzania 16/0076	MG664790	Tanzania 76	98.30%	98.30%	Maize	Tanzania	2015	3
Africa	MaYMV	Ethiopia MV115	MF684369	Ethiopia	99.30%	98.50%	Maize	Ethiopia (Benishangul-Gumuz, Oromia province)	2015 + 2016	4
Africa	MaYMV	Nigeria KDHTS	KY684356	Nigeria	97.00%	97.30%	Sugar Cane/Itch Grass	Nigeria (Northern Guinea savannah region)	2015	5
China	MaYMV	China Yunnan 11	KU248489	China Y11	96.90%	96.90%	Maize	China (Yunnan province)	2013 + 2014	6
China	MaYMV	China Yunnan 1	KU179221	China Y1	96.80%	96.90%	Maize	China (Yunnan province)	2013 + 2014	6
China	MYDV-RMV2	China MYDV-RMV2	KT992824	China MYDV-RMV2	96.70%	96.70%	Maize	China (Anhui province)	2013	7
China	MaYMV	China SC-2	MK652149	China SC	96.90%	96.90%	Sugar Cane	China (Neijiang, Sichuan province)	2018	8
America	MaYMV	Brazil SP-1	KY940544	Brazil	94.90%	95.10%	Maize	Brazil (Sao Paulo province)	2013 + 2017	9
America	MaYMV	Ecuador M04	KY052793	Ecuador	92.80%	92.80%	Maize	Ecuador (Los Rios province)	2016	10
Outgroup	Barley virus G	Barley virus G (Gimje)	KT962089	BVG Gimje	77.00%	76.90%	Barley	South Korea	2015	11
Outgroup	MYDV-RMV	Maize yellow dwarf virus-RMV	KC921392	MYDV-RMV	72.40%	72.40%	Wheat, Maize	USA	1987	12

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