

List of begomovirus isolates as of Jan. 19th, 2017

Species name	Isolate (type isolate in bold)	Acronym	GenBank access # DNA-A	DNA-B
<b>Abutilon golden mosaic Yucatan virus</b>	Abutilon golden mosaic Yucatan virus - [Mexico:Yucatan:2007]	AbGMYV-[MX:Yuc:2007]	KC430935	
<b>Abutilon mosaic Bolivia virus</b>	<b>Abutilon mosaic Bolivia virus - [Bolivia:2007]</b>	AbMBv-[BO:07]	HM585445	HM585446
<i>Abutilon mosaic Brazil virus</i>	Abutilon mosaic Brazil virus - [Brazil:Bahia:2007]	AbMBV-[BR:Bah:07]	FN434438	FN434439
<b>Abutilon mosaic Brazil virus</b>	<b>Abutilon mosaic Brazil virus - [Brazil:Bgv01A.1.C21]</b>	AbMBV-[BR:Bgv01A.1.C21]	JF694480	JF694483
<i>Abutilon mosaic Brazil virus</i>	Abutilon mosaic Brazil virus - [Brazil:Bgv01A.1.C67]	AbMBV-[BR:Bgv01A.1.C67]	JF694481	
<i>Abutilon mosaic Brazil virus</i>	Abutilon mosaic Brazil virus - [Brazil:Bgv01A.1.C22]	AbMBV-[BR:Bgv01A.1.C22]	JF694482	
<i>Abutilon mosaic Brazil virus</i>	Abutilon mosaic Brazil virus - [Brazil:PE-SJM:Chorchorus:2008]	AbMBV-[BR:PE-SJM:Cho:08]	JQ805781	
<i>Abutilon mosaic virus</i>	Abutilon mosaic virus - [India:Udagamandalam:JIE1:2010]	AbMBV-[IN:Uda:JIE1:10]	HQ588899	
<i>Abutilon mosaic virus</i>	Abutilon mosaic virus - [India:Udagamandalam:JIK5:2010]	[AbMBV-IN:Uda:JIK5:10]	HQ588900	
<i>Abutilon mosaic virus</i>	Abutilon mosaic virus - [India:Udagamandalam:JIX12:2010]	[AbMBV-IN:Uda:JIX12:10]	HQ588901	
<i>Abutilon mosaic virus</i>	Abutilon mosaic virus - [United States:Hawaii]	AbMV-[US:Haw]	U51137	U51138
<b>Abutilon mosaic virus</b>	<b>Abutilon mosaic virus - [Germany]</b>	AbMV-[DE]	X15983	X15984
<b>African cassava mosaic virus</b>	<b>African cassava mosaic virus - [Cameroon:1998]</b>	ACMV-[CM:98]	AF112352	AF112353
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Uganda:Mild:1997]	ACMV-[UG:Mld:97]	AF126800	AF126801
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Uganda:Severe:1997]	ACMV-[UG:Svr:97]	AF126802	AF126803
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Côte d'Ivoire:1999]	ACMV-[CI:99]	AF259894	AF259895
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Cameroon:DO2:1998]	ACMV-[CM:DO2:98]	AF366902	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Nigeria:Ogoroco:1990]	ACMV-[NG:Ogo:90]	AJ427910	AJ427911
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Uganda:Kalangala 226:2001]	ACMV-[UG:Kal226:01]	AM502338	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Uganda:Mpigi 56:2001]	ACMV-[UG:Mpi56:01]	AM502339	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Uganda:Rakai 4:2001]	ACMV-[UG:Rak4:01]	AM502340	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Cameroon:Mg:1998]	ACMV-[CM:Mg:98]	AY211884	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Cameroon:DO3:1998]	ACMV-[CM:DO3:98]	AY211885	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Tanzania:2001]	ACMV-[TZ:01]	AY795982	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Nigeria:Glaziovii:2003]	ACMV-[NG:Mg:03]	EU685318	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Nigeria:Leucaena:2006]	ACMV-[NG:LI:06]	EU685320	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Nigeria:Senna:2003]	ACMV-[NG:So:03]	EU685322	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Nigeria:Ricinus:2003]	ACMV-[NG:Rc:03]	EU685324	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Nigeria:Glycine:2007]	ACMV-[NG:Sb:07]	EU685325	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Pakistan:Lob1:2008]	ACMV-[PK:Lob1:08]	FJ751234	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Pakistan:Gos1:2008]	ACMV-[PK:Gos1:08]	FJ751235	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Angola:Funda:2008]	ACMV-[AO:Fun:08]	FJ807631	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Burkina Faso:Kamboinse:2008]	ACMV-[BF:Kam:08]	FM877473	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Zaire:Yangambi 1:Pueraria:2008]	ACMV-[ZR:Yan1:Pue:08]	FN435271	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Zaire:Yangambi 2:Pueraria:2008]	ACMV-[ZR:Yan2:Pue:08]	FN435272	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Zaire:Yangambi 3:Pueraria:2008]	ACMV-[ZR:Yan3:Pue:08]	FN435273	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Zaire:Yangambi 4:Pueraria:2008]	ACMV-[ZR:Yan4:Pue:08]	FN435274	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Zaire:Yangambi 1:Centrosema:2008]	ACMV-[ZR:Yan1:Cen:08]	FN435275	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Zaire:Yangambi 2:Centrosema:2008]	ACMV-[ZR:Yan2:Cen:08]	FN435276	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Zaire:Yangambi 3:Centrosema:2008]	ACMV-[ZR:Yan3:Cen:08]	FN435277	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Zaire:Yangambi:2003]	ACMV-[ZR:Yan:03]	FN668378	FN668379
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Pakistan:Multan:Gos2:2008]	ACMV-[PK:Mul:Gos2:08]	GQ204106	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Pakistan:Multan:Harknessii:2008]	ACMV-[PK:Mul:Har:08]	GQ204107	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Pakistan:Multan:Somalense:2008]	ACMV-[PK:Mul:Som:08]	GQ204108	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Pakistan:Multan:Stocksii:2008]	ACMV-[PK:Mul:Sto:08]	GQ204109	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Angola:AOS:2009]	ACMV-[AO:AOS:09]	GU580897	

<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Burkina Faso:Ouagadougou:BF127A:2008]	ACMV-[BF:Oua:BF127A:08]	HE616777	HE616778
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Burkina Faso:Ouagadougou:BF128A:2008]	ACMV-[BF:Oua:BF128A:08]	HE616779	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Burkina Faso:Ouagadougou:BF128B:2008]	ACMV-[BF:Oua:BF128B:08]	HE616780	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Burkina Faso:Ouagadougou:BF128C:2008]	ACMV-[BF:Oua:BF128C:08]	HE616781	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Central African Republic:Bambari:CF35:2007]	ACMV-[CF:Bam:CF35:07]	HE814062	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Chad:Ndokono:TD2:2008]	ACMV-[TD:Ndo:TD2:08]	HE814065	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Uganda:Namulonge:CMD-MI17:2012]	ACMV-[UG:Nam:CMD-MI17:12]	HE979758	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Uganda:Namulonge:CMD-MI19:2012]	ACMV-[UG:Nam:CMD-MI19:12]	HE979759	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Uganda:Namulonge:CMD-MI22:2012]	ACMV-[UG:Nam:CMD-MI22:12]	HE979760	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Uganda:Namulonge:CMD-MI24:2012]	ACMV-[UG:Nam:CMD-MI24:12]	HE979761	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Uganda:Namulonge:CMD-MI26:2012]	ACMV-[UG:Nam:CMD-MI26:12]	HE979762	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Uganda:Namulonge:CMD-MI27:2012]	ACMV-[UG:Nam:CMD-MI27:12]	HE979763	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Uganda:Namulonge:CMD-MI28:2012]	ACMV-[UG:Nam:CMD-MI28:12]	HE979764	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Uganda:Namulonge:CMD-MI29:2012]	ACMV-[UG:Nam:CMD-MI29:12]	HE979765	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Uganda:Namulonge:CMD-MI31:2012]	ACMV-[UG:Nam:CMD-MI31:12]	HE979766	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Uganda:Namulonge:CMD-MI33:2012]	ACMV-[UG:Nam:CMD-MI33:12]	HE979767	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Uganda:Namulonge:CMD-MI34:2012]	ACMV-[UG:Nam:CMD-MI34:12]	HE979768	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Pakistan:Tomentosum:2008]	ACMV-[PK:Mul:Tom:08]	HM468428	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Kenya:844:1982]	ACMV-[KE:844:82]	J02057	J02058
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Kenya:K1J1:2009]	ACMV-[KE:K1J1:09]	JN053421	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Kenya:B5J1:2009]	ACMV-[KE:B5J1:09]	JN053422	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Kenya:B5J2:2009]	ACMV-[KE:B5J2:09]	JN053423	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Kenya:K1J16:2009]	ACMV-[KE:K1J16:09]	JN053424	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Kenya:K4J2:2009]	ACMV-[KE:K4C1:09]	JN053425	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Kenya:S5J1:2009]	ACMV-[KE:S5J1:09]	JN053426	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Kenya:K3J16:2009]	ACMV-[KE:K3J16:09]	JN053427	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Kenya:K4J20:2009]	ACMV-[KE:K4C20:09]	JN053428	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Kenya:S5J3:2009]	ACMV-[KE:S5J3:09]	JN053429	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Kenya:K4C1:2009]	ACMV-[KE:K4C1:09]	JN053430	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Kenya:S4C2:2009]	ACMV-[KE:S4C2:09]	JN053431	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Ghana:2008]	ACMV-[GH:08]	JN165088	JN165086
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Malawi:4N:2007]	ACMV-[Ma:07:4N]	JX658682	
<i>African cassava mosaic virus</i>	African cassava mosaic virus - [Nigeria]	ACMV-[NG]	X17095	X17096
<b>Ageratum enation virus</b>	<b>Ageratum enation virus - Nepal [Nepal:1999]</b>	AEV-NP[NP:99]	AJ437618	
<i>Ageratum enation virus</i>	Ageratum enation virus - Nepal [Pakistan:Lahore:2004]	AEV-NP[PK:Lah:04]	AM261836	
<i>Ageratum enation virus</i>	Ageratum enation virus - Nepal [Pakistan:Lahore:2006]	AEV-NP[PK:Lah:06]	AM698011	
<i>Ageratum enation virus</i>	Ageratum enation virus - Nepal [Pakistan:Faisalabad:Turnip:2007]	AEV-NP[PK:Fai:Tur:07]	AM701770	
<i>Ageratum enation virus</i>	Ageratum enation virus - Nepal [India:Lucknow:2007]	AEV-NP[IN:Luc:07]	EU867513	
<i>Ageratum enation virus</i>	Ageratum enation virus - Nepal [India:Gomtinagar:Cleome:2008]	AEV-NP[IN:Gom:Cle:08]	FJ177031	
<i>Ageratum enation virus</i>	Ageratum enation virus - India [India:Kangra:2008]	AEV-IN[IN:Kan:08]	FN543099	
<i>Ageratum enation virus</i>	Ageratum enation virus - India [India:Palampur:2009]	AEV-IN[IN:Pal:09]	FN794198	
<i>Ageratum enation virus</i>	Ageratum enation virus - India [India:Palampur2:2009]	AEV-IN[IN:Pal2:09]	FN794201	
<i>Ageratum enation virus</i>	Ageratum enation virus - Nepal [India:Gorakhpur:Trichosanthes:2008]	AEV-NP[IN:Gor:Tri:08]	GQ268327	
<i>Ageratum enation virus</i>	Ageratum enation virus - India [India:Palampur:2011]	AEV-IN[IN:Pal:11]	HE861940	
<i>Ageratum enation virus</i>	Ageratum enation virus - Uttar Pradesh [India:Uttar Pradesh:SKS-P:2010]	AEV-UP[IN:UP:Ag10:10]	HM149260	
<i>Ageratum enation virus</i>	Ageratum enation virus - India [India:Lucknow:Amaranthus:2011]	AEV-IN[IN:Luc:Ama:11]	JF682242	
<i>Ageratum enation virus</i>	Ageratum enation virus - India [India:Mohali:Age1:2010]	AEV-IN[IN:Moh:Ag1:10]	JF728860	
<i>Ageratum enation virus</i>	Ageratum enation virus - India [India:Mohali:Age3:2010]	AEV-IN[IN:Moh:Ag3:10]	JF728861	
<i>Ageratum enation virus</i>	Ageratum enation virus - India [India:Mohali:Age4:2010]	AEV-IN[IN:Moh:Ag4:10]	JF728862	



<i>Ageratum yellow vein virus</i>	Ageratum yellow vein virus - Nanning [China:Nanning:NN1:2009]	AYVV-NN[CN:Nan:NN1:09]	JQ804985	
<i>Ageratum yellow vein virus</i>	Ageratum yellow vein virus - Guangxi [Vietnam:Z1:2011]	AYVV-Gx[VN:Z1:11]	JX911332	
<i>Ageratum yellow vein virus</i>	Ageratum yellow vein virus - Nanning [China:Nanning:GOX1]	AYVV-NN[CN:Nan:OX1:Oxa-12]	JX972141	
<i>Ageratum yellow vein virus</i>	Ageratum yellow vein virus - China [China:Tomato:2012]	AYVV-CN[CN:Tom:12]	KC172826	
<i>Ageratum yellow vein virus</i>	Ageratum yellow vein virus - Singapore [Nepal:R3:2108]	AYVV-SG[NP:R3:10]	KC282641	
<i>Ageratum yellow vein virus</i>	Ageratum yellow vein virus - Philippines [Philippines:Davao:Sn1:2012]	AYVV-PH[PH:Dav:Sn1:Syn:12]	KC577539	
<i>Ageratum yellow vein virus</i>	Ageratum yellow vein virus - Sanya [China:SY08:2013]	AYVV-Sa[CN:SY08:13]	KC810890	
<i>Ageratum yellow vein virus</i>	Ageratum yellow vein virus - China [Vietnam:Vietnam16:2012]	AYVV-CN[VN:Vie16:12]	KC878475	
<i>Ageratum yellow vein virus</i>	Ageratum yellow vein virus - Singapore [Singapore:1992]	AYVV-SG[SG:92]	X74516	
<b>Allamanda leaf curl virus</b>	<b>Allamanda leaf curl virus - [China:Guandong 10:2006]</b>	AILCV-A[CN:Gd10:06]	EF602306	
<i>Alternanthera yellow vein virus</i>	Alternanthera yellow vein virus - A [China:Guangxi 38:Ludwigia:2003]	AYVV-A[CN:Gx38:Lud:03]	AJ965540	
<i>Alternanthera yellow vein virus</i>	Alternanthera yellow vein virus - A [China:Hainan 51:2004]	AYVV-A[CN:Hn51:04]	AM050736	
<i>Alternanthera yellow vein virus</i>	Alternanthera yellow vein virus - A [China:Guandong8:2005]	AYVV-A[CN:Gd8:05]	DQ375456	
<i>Alternanthera yellow vein virus</i>	Alternanthera yellow vein virus - A [Vietnam:Hue:2005]	AYVV-A[VN:Hue:05]	DQ641703	
<i>Alternanthera yellow vein virus</i>	Alternanthera yellow vein virus - A [Vietnam:Hanoi:2005]	AYVV-A[VN:Han:05]	DQ641704	
<i>Alternanthera yellow vein virus</i>	Alternanthera yellow vein virus - B [China:Fujian 21:2005]	AYVV-B[CN:Fj21:06]	EF544601	
<i>Alternanthera yellow vein virus</i>	Alternanthera yellow vein virus - B [China:Fujian:PT1:2006]	AYVV-B[CN:Fj:PT1:06]	EF544602	
<i>Alternanthera yellow vein virus</i>	Alternanthera yellow vein virus - A [China:Fujian:LC1:2006]	AYVV-A[CN:Fj:LC1:06]	EF544603	
<b>Alternanthera yellow vein virus</b>	<b>Alternanthera yellow vein virus - A [China:Fujian 22:2006]</b>	AYVV-A[CN:Fj22:06]	EF544604	
<i>Alternanthera yellow vein virus</i>	Alternanthera yellow vein virus - A [China:Fujian 30:2007]	AYVV-A[CN:Fj30:07]	EU286797	
<i>Alternanthera yellow vein virus</i>	Alternanthera yellow vein virus - A [China:Fujian 31:2007]	AYVV-A[CN:Fj31:07]	EU286798	
<i>Alternanthera yellow vein virus</i>	Alternanthera yellow vein virus - A [China:Yunnan 598:Eclipta:2008]	AYVV-A[CN:Yn598:Ecl:08]	FJ015062	
<i>Alternanthera yellow vein virus</i>	Alternanthera yellow vein virus - A [China:Fujian:Yong'A:2008]	AYVV-A[CN:Fj:LC1:06]	FJ712190	
<i>Alternanthera yellow vein virus</i>	Alternanthera yellow vein virus - A [Pakistan:Faisalabad:Sonchus:2008]	AYVV-A[PK:Fai:SON:08]	FN432361	
<b>Bean calico mosaic virus</b>	<b>Bean calico mosaic virus - [Mexico:Sonora:1986]</b>	BcMV-[MX:Son:86]	AF110189	AF110190
<b>Bean chlorosis virus</b>	<b>Bean chlorosis virus - [Venezuela:LaBarinesa459:2006]</b>	BChV-[VE:LaB459:06]	JN848770	JN848771
<b>Bean chlorotic mosaic virus</b>	<b>Bean chlorotic mosaic virus - [Venezuela:Rubio932:2007]</b>	BChMV-[VE:Rub932:07]	JN848772	JN848773
<b>Bean dwarf mosaic virus</b>	<b>Bean dwarf mosaic virus - [Colombia:1987]</b>	BDMV-[CO:87]	M88179	M88180
<i>Bean golden mosaic virus</i>	Bean golden mosaic virus - Campinas [Brazil:Santo Antonio de Goias:Soybean:2007]	BGMV-[BR:SAdG:Sb:07]	FJ665283	
<i>Bean golden mosaic virus</i>	Bean golden mosaic virus - Alagoas [Brazil:Bgv03A.1C3:2007]	BGMV-Ala[Brazil:Bgv03A.1C3:2007]	JF694449	
<i>Bean golden mosaic virus</i>	Bean golden mosaic virus - Alagoas [Brazil:Bgv03A.1C14:2007]	BGMV-Ala[Brazil:Bgv03A.1C14:2007]	JF694450	
<i>Bean golden mosaic virus</i>	Bean golden mosaic virus - Alagoas [Brazil:Bgv03A.1C60:2007]	BGMV-Ala[Brazil:Bgv03A.1C60:2007]	JF694451	
<i>Bean golden mosaic virus</i>	Bean golden mosaic virus - Alagoas [Brazil:Bgv03A.1C62:2007]	BGMV-Ala[Brazil:Bgv03A.1C62:2007]	JF694452	
<i>Bean golden mosaic virus</i>	Bean golden mosaic virus - Alagoas [Brazil:Bgv03A.1C69:2007]	BGMV-Ala[Brazil:Bgv03A.1C69:2007]	JF694453	
<i>Bean golden mosaic virus</i>	Bean golden mosaic virus - Alagoas [Brazil:Bgv03A.1C79:2007]	BGMV-Ala[Brazil:Bgv03A.1C79:2007]	JF694454	
<i>Bean golden mosaic virus</i>	Bean golden mosaic virus - Alagoas [Brazil:Car3:2010]	BGMV-Ala[Brazil:Car3:2010]	JN419003	
<i>Bean golden mosaic virus</i>	Bean golden mosaic virus - Alagoas [Brazil:Car4:2010]	BGMV-Ala[Brazil:Car4:2010]	JN419004	
<i>Bean golden mosaic virus</i>	Bean golden mosaic virus - Alagoas [Brazil:Mac2:2010]	BGMV-Ala[Brazil:Mac2:2010]	JN419006	
<b>Bean golden mosaic virus</b>	<b>Bean golden mosaic virus - [Brazil:Campinas 1:1978]</b>	BGMV-[BR:Cam1:78]	M88686	M88687
<i>Bean golden yellow mosaic virus</i>	Bean golden yellow mosaic virus - [Mexico:Chiapas]	BGYMV-[MX:Chi]	AF173555	AF173556
<i>Bean golden yellow mosaic virus</i>	Bean golden yellow mosaic virus - [Cuba]	BGYMV-[CU]	AJ544531	
<i>Bean golden yellow mosaic virus</i>	Bean golden yellow mosaic virus - [Dominican Republic:BG]	BGYMV-[DO:BG]	D00200	D00201
<i>Bean golden yellow mosaic virus</i>	Bean golden yellow mosaic virus - [United States:Homestead:2005]	BGYMV-[US:Hom:05]	DQ119824	DQ119825
<b>Bean golden yellow mosaic virus</b>	<b>Bean golden yellow mosaic virus - [Dominican Republic:1987]</b>	BGYMV-[DO:87]	L01635	L01636
<i>Bean golden yellow mosaic virus</i>	Bean golden yellow mosaic virus - [Puerto Rico]	BGYMV-[PR]	M10070	M10080
<i>Bean golden yellow mosaic virus</i>	Bean golden yellow mosaic virus - [Guatemala:1987]	BGYMV-[GT:87]	M91604	M91605
<b>Bean yellow mosaic Mexico virus</b>	<b>Bean yellow mosaic Mexico virus - [Mexico:Mac2:2011]</b>	BYMMxV-[MX:Mac2:11]	FJ944023	
<b>Bhendi yellow vein Bhubhaneswar virus</b>	<b>Bhendi yellow vein Bhubhaneswar virus - [India:Orissa:2003]</b>	BYVBhV-[IN:Ori:03]	FJ589571	
<b>Bhendi yellow vein mosaic virus</b>	<b>Bhendi yellow vein mosaic virus - India [India:Madurai]</b>	BYVMV-IN[IN:Mad]	AF241479	

<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - Pakistan [Pakistan:Faisalabad 201:1995]	BYVMV-[PK:Fai201:95]	AJ002451
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - Pakistan [Pakistan:Multan 301:1996]	BYVMV-PK[PK:Mul301:96]	AJ002453
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Maharashtra:2007]	BYVMV-[IN:Mah:07]	EU482411
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Maharashtra:NOL751]	BYVMV-[IN:Mah:NOL751]	EU589392
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - Thanagan [India:Thanagan:2005]	BYVMV-Tha[IN:Tha:05]	FJ176235
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - India [India:Pandaralli:2005]	BYVMV-IN[IN:Pan:05]	FJ176236
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - India [India:Tumkur:2005]	BYVMV-IN[IN:Tum:05]	FJ179370
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - Pakistan [India:Chandigarh 177:2007]	BYVMV-[IN:Cha177:07]	FJ179371
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - Tamil Nadu [India:Coimbatore 4:2004]	BYVMV-TN[IN:Coi4:04]	FJ179372
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - Pakistan [India:Kalyani W1:2004]	BYVMV-[IN:KalW1:04]	FJ179373
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Palem:2004]	BYVMV-[IN:Del:04]	FJ515747
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Haryana:2007]	BYVMV-[IN:Har:07]	FN645917
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - Haryana [India:Haryana:2007]	BYVMV-Har[IN:Har:07]	FN645923
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - Pakistan [India:Palampur:2009]	BYVMV-[IN:Pal:09]	FR694925
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - Tamil Nadu [India:New Delhi:2008]	BYVMV-TN[IN:ND:08]	GQ245760
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Guntur.OY112:2005]	BYVMV-[IN:Gun.OY112:05]	GU112005
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Sonipat.OY92B:2005]	BYVMV-[IN:Son.OY92B:05]	GU112006
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Sonipat EL13:2006]	BYVMV-[IN:SonEL13:06]	GU112007
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Karnal.OY80A:2005]	BYVMV-[IN:Kar.OY80A:05]	GU112008
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Tirupathi.OY98:2005]	BYVMV-[IN:Tir.OY98:05]	GU112009
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Phalaghat.OY03:2005]	BYVMV-[IN:Pha.OY03:05]	GU112011
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Srinivaspur.OYSK1:2006]	BYVMV-[IN:Sri.OYSK1:06]	GU112012
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Srinivaspur.OYSK2:2006]	BYVMV-[IN:Sri.OYSK2:06]	GU112013
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Srinivaspur.OYSK3:2006]	BYVMV-[IN:Sri.OYSK3:06]	GU112014
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Guntur.OY60:2005]	BYVMV-[IN:Gun.OY60:05]	GU112015
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Phalaghat.OY011:2005]	BYVMV-[IN:Pha.OY011:05]	GU112016
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Trichy.OY115A:2005]	BYVMV-[IN:Tri.OY115A:05]	GU112017
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Phalaghat.OY04:2005]	BYVMV-[IN:Pha.OY04:05]	GU112018
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Kalayani.OYW2:2005]	BYVMV-[IN:Kal.OYW2:05]	GU112019
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Thondawada.OY39A:2005]	BYVMV-[IN:Tho.OY39A:05]	GU112020
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Thondawada.OY39B:2005]	BYVMV-[IN:Tho.OY39B:05]	GU112021
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Dindigal.OY143:2006]	BYVMV-[IN:Dha.OYDWR2:06]	GU112022
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Dharwad.OYDWR2:2006]	BYVMV-[IN:Dha.OYDWR2:06]	GU112023
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Siddalaghata.OYSid:2006]	BYVMV-[IN:Sid.OYSid:06]	GU112024
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Kolkata.OY66:2005]	BYVMV-[IN:Kol.OY66:05]	GU112025
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Jalgov.OY126:2006]	BYVMV-[IN:Jal.OY126:06]	GU112026
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Guntur.OYEn:2006]	BYVMV-[IN:Gun.OYEn:06]	GU112027
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Jalgov.OY125:2006]	BYVMV-[IN:Jal.OY125:06]	GU112028
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Thadagan.OY155B:2006]	BYVMV-[IN:Tha.OY155B:06]	GU112029
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Aurangabad.OY164B:2006]	BYVMV-[IN:Aur.OY164B:06]	GU112030
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Pandarahalli.OY169:2006]	BYVMV-[IN:Pan.OY169:06]	GU112031
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Thadagan.OY156:2006]	BYVMV-[IN:Tha.OY156:06]	GU112032
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Jalgov.OY124:2006]	BYVMV-[IN:Jal.OY124:06]	GU112033
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Bangalore.OYNun:2006]	BYVMV-[IN:Ban.OYNun:06]	GU112034
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Hyderabad.OY65:2005]	BYVMV-[IN:Hyd.OY65:05]	GU112035
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Pandarahalli.OY170:2006]	BYVMV-[IN:Pan.OY170:06]	GU112036
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Jalgov.OY129:2006]	BYVMV-[IN:Jal.OY129:06]	GU112037
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Bamanpura.OY150A:2006]	BYVMV-[IN:Bam.OY150A:06]	GU112038
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Bamanpura.OY150B:2006]	BYVMV-[IN:Bam.OY150B:06]	GU112039

<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Jalgov:OY121:2006]	BYVMV-[IN:Jal:OY121:06]	GU112040
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Pandarahalli:OY168A:2006]	BYVMV-[IN:Pan:OY168A:06]	GU112041
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Varapamatti:OY171:2006]	BYVMV-[IN:Var:OY171:06]	GU112042
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Varapamatti:OY171A:2006]	BYVMV-[IN:Var:OY171A:06]	GU112043
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Pandarahalli:OY157:2006]	BYVMV-[IN:Pani:OY157:06]	GU112044
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Trichy:OY116:2005]	BYVMV-[IN:Tri:OY116:05]	GU112045
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Jalgov:OY127:2006]	BYVMV-[IN:Jal:OY127:06]	GU112046
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Thadagan:OY155A:2006]	BYVMV-[IN:Tha:OY155A:06]	GU112047
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Trichy:OY115B:2005]	BYVMV-[IN:Tri:OY115B:05]	GU112048
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Tumkur:OYTumkur:2006]	BYVMV-[IN:Tum:OYT:06]	GU112049
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Sonipat:OY96:2005]	BYVMV-[IN:Son:OY96:05]	GU112050
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Phalaghat:OY01:2005]	BYVMV-[IN:Pha:OY01:05]	GU112051
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Trichy:OY117:2005]	BYVMV-[IN:Tri:OY117:05]	GU112052
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Pandarahalli:OY168B:2006]	BYVMV-[IN:Pan:OY168B:06]	GU112053
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Sonipat:EL12:2006]	BYVMV-[IN:Son:EL12:06]	GU112054
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Phalaghat:OY014:2005]	BYVMV-[IN:Pha:OY014:05]	GU112055
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Varanasi:OY36:2005]	BYVMV-[IN:Var:OY36:05]	GU112056
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Kaivara:OYKaivara:2006]	BYVMV-[IN:Kai:OYK:06]	GU112057
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Kaivara:OYKaivara1:2006]	BYVMV-[IN:Kai:OYK1:06]	GU112058
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Chelur:OYCN6:2006]	BYVMV-[IN:Che:OYCN6:06]	GU112059
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Kerala:OYG6AG:2005]	BYVMV-[IN:Ker:OYG6AG:05]	GU112060
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Sonipat:OY93:2005]	BYVMV-[IN:Son:OY93:05]	GU112061
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Phalaghat:OY07:2005]	BYVMV-[IN:Pha:OY07:05]	GU112062
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:New Delhi:OY134:2005]	BYVMV-[IN:ND:OY134:05]	GU112063
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Bangalore:OY34:2005]	BYVMV-[IN:Ban:OY34:05]	GU112064
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Chintamani:OYCHINT:2006]	BYVMV-[IN:Chi:OYCHINT:06]	GU112065
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Raichur:OY49:2005]	BYVMV-[IN:Rai:OY49:05]	GU112066
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Raichur:OY54A:2005]	BYVMV-[IN:Rai:OY54A:05]	GU112067
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Raichur:OY54B:2005]	BYVMV-[IN:Rai:OY54B:05]	GU112068
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Bhemarayanagudi:OY45:2005]	BYVMV-[IN:Bhe:OY45:05]	GU112069
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Raichur:OY59:2005]	BYVMV-[IN:Rai:OY59:05]	GU112070
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Tirupathi:OY99:2005]	BYVMV-[IN:Tir:OY99:05]	GU112071
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Phalaghat:OY138A:2006]	BYVMV-[IN:Pha:OY138A:06]	GU112072
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Pandarahalli:OY173:2006]	BYVMV-[IN:Pan:OY173:06]	GU112073
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Raichur:OY56:2005]	BYVMV-[IN:Rai:OY56:05]	GU112074
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Sonipat:OY83:2005]	BYVMV-[IN:Son:OY83:05]	GU112075
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Karnal:OY79A:2005]	BYVMV-[IN:Kar:OY79A:05]	GU112076
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Karnal:OY80B:2005]	BYVMV-[IN:Kar:OY80B:05]	GU112077
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Delhi:OY133:2006]	BYVMV-[IN:Del:OY133:06]	GU112078
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Pandarahalli:OY167:2006]	BYVMV-[IN:Pan:OY167:06]	GU112079
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Coimbatore:OYCO4:2005]	BYVMV-[IN:Coi:OYCO4:05]	GU112080
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Aurangabad:2009]	BYVV-[IN:Aur:09]	GU181356
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Dhanbad:2008]	BYVMMaV-[IN:Dha:08]	HM590503
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Varanasi:2008]	BYVMMaV-[IN:Var:08]	HM590505
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Karnal:OY77B:2006]	BYVMV-[IN:Kar:OY77B:06]	JQ326263
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Karnal:OY79B:2006]	BYVMV-[IN:Kar:OY79B:06]	JQ326264
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Thadagan:OY159:2006]	BYVMV-[IN:Tha:OY159:06]	JQ326265
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Aurangabad:OY163:2006]	BYVMV-[IN:Aur:OY163:06]	JQ326266
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Aurangabad:OY165:2006]	BYVMV-[IN:Aur:OY165:06]	JQ326267

<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Pandarahalli:OY173:2006]	BYVMV-[IN:Pan:OY173:06]	JQ326268	
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Guntur:OY138B:2006]	BYVMV-[IN:Gun:OY138B:06]	JQ326269	
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Dharwad:OYDWR1:2006]	BYVMV-[IN:Dha:OYDWR1:06]	JQ326270	
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Madampatti:OY141:2006]	BYVMV-[IN:Mad:OY141:2006]	JQ359503	
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Vayalur:OY118:2006]	BYVMV-[IN:Vay:OY118:06]	JQ359504	
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Jalaon:126B:2006]	BYVMV-[IN:Jal:126B:06]	JQ359505	
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [India:Okra:Ropar:2010]	BYVMV-[IN:Okr:Rop:10]	JX181785	
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [Thailand:Kanchanaburi:Ok2:2009]	BYVMV-[TH:Kan:Ok2:09]	JX678966	
<i>Bhendi yellow vein mosaic virus</i>	Bhendi yellow vein mosaic virus - [Thailand:Nkhon Pathom:WTHOK6:2010]	BYVMV-[TH:NP:WTHOK6:10]	JX678967	
<b>Blainvillea yellow spot virus</b>	<b>Blainvillea yellow spot virus - [Brazil:Coi25:2007]</b>	BIYSV-[BR:Coi25:07]	EU710756	EU710757
<i>Blainvillea yellow spot virus</i>	Blainvillea yellow spot virus - [BgV06A.1.C80]	BIYSV-[BgV06A.1.C80]	JF694468	
<i>Blainvillea yellow spot virus</i>	Blainvillea yellow spot virus - [BgV06A.1.C81]	BIYSV-[BgV06A.1.C81]	JF694476	
<i>Blainvillea yellow spot virus</i>	Blainvillea yellow spot virus - [BR:Rla3:10]	BIYSV-[BR:Rla3:10]	JX871389	
<i>Blainvillea yellow spot virus</i>	Blainvillea yellow spot virus - [BR:Rla4:10]	BIYSV-[BR:Rla4:10]	JX871390	
<i>Blainvillea yellow spot virus</i>	Blainvillea yellow spot virus - [BR:Rla5:10]	BIYSV-[BR:Rla5:10]	JX871391	
<i>Blainvillea yellow spot virus</i>	Blainvillea yellow spot virus - [BR:Rla6:09]	BIYSV-[BR:Rla6:09]	JX871392	
<i>Blainvillea yellow spot virus</i>	Blainvillea yellow spot virus - [BR:Lim1:09]	BIYSV-[BR:Lim1:09]	JX871393	
<i>Blainvillea yellow spot virus</i>	Blainvillea yellow spot virus - [BR:Jun1:09]	BIYSV-[BR:Jun1:09]	JX871394	
<i>Blainvillea yellow spot virus</i>	Blainvillea yellow spot virus - [BR:Vic04.1:10]	BIYSV-[BR:Vic04.1:10]	KC706516	
<i>Blainvillea yellow spot virus</i>	Blainvillea yellow spot virus - [BR:Vic04.2:10]	BIYSV-[BR:Vic04.2:10]	KC706517	
<i>Blainvillea yellow spot virus</i>	Blainvillea yellow spot virus - [BR:Vic08:10]	BIYSV-[BR:Vic08:10]	KC706518	KC706524
<i>Blainvillea yellow spot virus</i>	Blainvillea yellow spot virus - [BR:Vic09:10]	BIYSV-[BR:Vic09:10]	KC706519	
<i>Blainvillea yellow spot virus</i>	Blainvillea yellow spot virus - [BR:Vic11:10]	BIYSV-[BR:Vic11:10]	KC706520	KC706525
<i>Blainvillea yellow spot virus</i>	Blainvillea yellow spot virus - [BR:Vic13:10]	BIYSV-[BR:Vic13:10]	KC706521	
<i>Blainvillea yellow spot virus</i>	Blainvillea yellow spot virus - [BR:Vic20:10]	BIYSV-[BR:Vic20:10]	KC706522	
<b>Blechnum interveinal chlorosis virus</b>	<b>Blechnum interveinal chlorosis virus - [Mexico:Campeche:2011]</b>	BlelCV-[MX:Cam:11]	JX827487	JX827488
<b>Boerhavia yellow spot virus</b>	<b>Boerhavia yellow spot virus - [Mexico:Yucatan:2005]</b>	BoYSV-[MX:Yuc:05]	EF121755	
<b>Cabbage leaf curl Jamaica virus</b>	<b>Cabbage leaf curl Jamaica virus - [Jamaica:CUc3:2005]</b>	CabLCJV-[JM:CUc3:05]	DQ178608	DQ178609
<i>Cabbage leaf curl Jamaica virus</i>	Cabbage leaf curl Jamaica virus - [Jamaica:CUc32:2005]	CabLCJV-[JM:CUc32:05]	DQ178610	DQ178611
<i>Cabbage leaf curl Jamaica virus</i>	Cabbage leaf curl Jamaica virus - [Jamaica:Douglas Castle:2005]	CabLCJV-[JM:DC:05]	DQ178614	DQ178613
<i>Cabbage leaf curl virus</i>	Cabbage leaf curl virus - [Jamaica:Douglas Castle:2005]	CabLCV-[JM:DC:05]	DQ178612	
<i>Cabbage leaf curl virus</i>	Cabbage leaf curl virus - [Mexico:Sinaloa:2005]	CabLCV-[MX:Sin:05]	DQ406672	DQ406673
<i>Cabbage leaf curl virus</i>	Cabbage leaf curl virus - [Mexico:Yucatan:2006]	CabLC-[MX:Yuc:06]	EU021216	
<i>Cabbage leaf curl virus</i>	Cabbage leaf curl virus - [Mexico:Desmodium:C6:2008]	CabLC-[MX:Desm:C6:08]	GQ352453	
<b>Cabbage leaf curl virus</b>	<b>Cabbage leaf curl virus - [United States:Florida:1996]</b>	CabLCV-[US:Flo:96]	U65529	U65530
<b>Capraria yellow spot Yucatan virus</b>	<b>Capraria yellow spot Yucatan virus - [Mexico:Yucatan:Conkal:2007]</b>	CarYSYV-[MX:Yuc:Con:07]	KC426927	KC426928
<b>Cassava mosaic Madagascar virus</b>	<b>Cassava mosaic Madagascar virus - [Madagascar:Toliary:2006]</b>	CMMGV-[MG:Tol:06]	HE617299	HE617300
<b>Catharanthus yellow mosaic virus</b>	<b>Catharanthus yellow mosaic virus - [Pakistan:Lahore:KN4]</b>	CaYMV-[PK:Lah:KN4]	HE580234	
<i>Catharanthus yellow mosaic virus</i>	Catharanthus yellow mosaic virus - [Pakistan:Lahore:KN5]	CaYMV-[PK:Lah:KN5]	HE580235	
<b>Centrosema yellow spot virus</b>	<b>Centrosema yellow spot virus - [Brazil:Car1:2009]</b>	CeYSV - [BR:Car1:09]	JN419002	
<b>Chayote yellow mosaic virus</b>	<b>Chayote yellow mosaic virus - [Nigeria:Ibadan]</b>	ChaYMV-[NG:Iba]	AJ223191	
<b>Chenopodium leaf curl virus</b>	<b>Chenopodium leaf curl virus - [USA:Florida:Citra:2007]</b>	ChLCV-[[USA:FL:Cit:07]	HM626515	
<i>Chenopodium leaf curl virus</i>	Chenopodium leaf curl virus - [USA:Florida:Citra:VEM:2007]	ChLCV-[USA:FL:Cit:VEM:07]	HM626516	
<b>Cherry tomato leaf curl virus</b>	<b>Cherry tomato leaf curl virus - [India:CTM:2005]</b>	CToLCV-[IN:CTM:06]	DQ629102	
<i>Chilli leaf curl Pakistan virus</i>	Chilli leaf curl Pakistan virus - Pakistan [Pakistan:Multan:2004]	ChiLCPKV-[PK[PK:Mul:04]	DQ116877	
<i>Chilli leaf curl Pakistan virus</i>	Chilli leaf curl Pakistan virus - Pakistan [Pakistan:Khanewal:2004]	ChiLCPKV-[PK[PK:Kha:04]	DQ116879	
<i>Chilli leaf curl Pakistan virus</i>	Chilli leaf curl Pakistan virus - China [China:Yunnan 1045:2009]	ChiLCPKV-[CN[CN:Yn1045:09]	HM587709	
<b>Chilli leaf curl India virus</b>	<b>Chilli leaf curl India virus - [India:2008]</b>	ChiLCINV-[IN:08]	FM877858	
<i>Chilli leaf curl India virus</i>	Chilli leaf curl India virus - [India:CIMAP E03:2011]	ChiLCINV-[IN:CIMAPE03:11]	KF312364	





<i>Chilli leaf curl virus</i>	Chilli leaf curl virus - India [India:Ahmedabad:2009]	ChiLCV-IN[IN:Ahm:09]	JN663846	
<i>Chilli leaf curl virus</i>	Chilli leaf curl virus - India [India:Chhapra:2010]	ChiLCV-[IN:Chh:10]	JN663852	
<i>Chilli leaf curl virus</i>	Chilli leaf curl virus - [India:Jorehat:2009]	ChiLCV-[IN:Jor:09]	JN663861	
<i>Chilli leaf curl virus</i>	Chilli leaf curl virus - [India:Nagpur:2009]	ChiLCV-[IN:Nag:09]]	JN663865	
<i>Chilli leaf curl virus</i>	Chilli leaf curl virus - [India:New Delhi:2010]	ChiLCV-[IN:ND:10]	JN663866	
<i>Chilli leaf curl virus</i>	Chilli leaf curl virus - [India:New Delhi:2010]	ChiLCV-[IN:ND:10]	JN663866	
<i>Chilli leaf curl virus</i>	Chilli leaf curl virus - [India:Palampur:2009]	ChiLCV-[IN:Pal:09]	JN663870	
<i>Chilli leaf curl virus</i>	Chilli leaf curl virus - [India:Phaseolus aureus:HJP3:2011]	ChiLCV-[IN:Pau:HJP3:11]	JQ654460	
<i>Chilli leaf curl virus</i>	Chilli leaf curl virus - [India:Phaseolus aureus:HJP05:2011]	ChiLCV-[IN:Pau:HJP05:11]	JQ654461	
<i>Chilli leaf curl virus</i>	Chilli leaf curl virus - [India:Phaseolus aureus:HJP07:2011]	ChiLCV-[IN:Pau:HJP07:11]	JQ654462	
<i>Chilli leaf curl virus</i>	Chilli leaf curl virus - [India:Amaranthus viridis:HJP09:2011]	ChiLCV-[IN:Avi:HJP09:11]	JQ654463	
<i>Chilli leaf curl virus</i>	Chilli leaf curl virus - [India:Varanasi:Brinjal:2012]	ChiLCV-[IN:Var:bri:12]	JX311468	
<i>Chilli leaf curl virus</i>	Chilli leaf curl virus - [India:Ludhiana:TC241:2009]	ChiLCV-[IN:Lud:TC241:09]	KF551583	
<i>Chilli leaf curl virus</i>	Chilli leaf curl virus - [India:Kolkata:Tomato:TC352:2011]	ChiLCV-[IN:Kol:tom:TC352:11]	KF551591	
<b>Chino del tomate Amazonas virus</b>	<b>Chino del tomate Amazonas virus - [Brazil:AM10:2007]</b>	CdTAV-[BR:AM10:07]	HM357461	
<b>Chino del tomate virus</b>	<b>Chino del tomate virus - Tomato [Mexico:Sinaloa IC:1983]</b>	CdTV-To[MX:SinIC:83]	AF101476	AF101478
<i>Chino del tomate virus</i>	Chino del tomate virus - Tomato [Mexico:Sinaloa H8:1983]	CdTV-To[MX:SinH8:83]	AF226664	
<i>Chino del tomate virus</i>	Chino del tomate virus - Tomato [Mexico:Sinaloa H6:1983]	CdTV-To[MX:SinH6:83]	AF226665	
<i>Chino del tomate virus</i>	Chino del tomate virus - [Mexico:Iguala]	CdTV-[MX:Igu]	AY751753	
<i>Chino del tomate virus</i>	Chino del tomate virus - Soybean [Mexico:Sinaloa:2005]	CdTV-Sb[MX:Sin:05]	DQ347945	
<i>Chino del tomate virus</i>	Chino del tomate virus - Tomato [Mexico:RK:2005]	CdTV-To[MX:RK:05]	DQ885456	
<b>Cleome golden mosaic virus</b>	<b>Cleome golden mosaic virus - [Brazil:BA 05:2007]</b>	CleGMV-[BR:BA05:07]	HQ396465	
<i>Cleome leaf crumple virus</i>	Cleome leaf crumple virus - [Brazil:Mato Grosso do Sul:2007]	CleCrV-[BR:MG:07]	FN435999	FN436000
<i>Cleome leaf crumple virus</i>	Cleome leaf crumple virus - [Brazil:Mar 1:2009]	CleCrV-[BR:Mar1:09]	HM195184	
<b>Cleome leaf crumple virus</b>	<b>Cleome leaf crumple virus - [Brazil:Bgv05A.1.C75]</b>	CleCrV-[BR:Bgv051C75]	JF694461	JF694465
<i>Cleome leaf crumple virus</i>	Cleome leaf crumple virus - [Brazil:Alagoas:Par 1:2009]	CleCrV-[BR:Ala:Par109]	JN103427	
<i>Cleome leaf crumple virus</i>	Cleome leaf crumple virus - [Brazil:SE-Ind1:2010]	CleCrV-[Brazil:SE-Ind1:10]	JN103428	
<i>Cleome leaf crumple virus</i>	Cleome leaf crumple virus - [Brazil:SE-Nps1:2009]	CleCrV-[Brazil:SE-Nps1:09]	JN103429	
<i>Cleome leaf crumple virus</i>	Cleome leaf crumple virus - [Brazil:SE-Jpt1:2009]	CleCrV-[Brazil:SE-Jpt1:09]	JN103430	
<i>Cleome leaf crumple virus</i>	Cleome leaf crumple virus - [Brazil:SE-Nps2:2009]	CleCrV-[Brazil:SE-Nps2:09]	JN103431	
<i>Cleome leaf crumple virus</i>	Cleome leaf crumple virus - [Brazil:SE-Nps3:2009]	CleCrV-[Brazil:SE-Nps3:09]	JN103432	
<i>Cleome leaf crumple virus</i>	Cleome leaf crumple virus - [Brazil:Atalaia:Alagoas:2007]	CleCrV-[BR:Ata:Ala:07]	JN103433	
<i>Cleome leaf crumple virus</i>	Cleome leaf crumple virus - [Brazil:Alagoas:Rio Largo1:2007]	CleCrV-[BR:AL:Ril1:07]	JN103434	
<i>Cleome leaf crumple virus</i>	Cleome leaf crumple virus - [Brazil:Alagoas-Smc1:2009]	CleCrV-[BR:Ala:Smc1:09]	JN103435	
<i>Cleome leaf crumple virus</i>	Cleome leaf crumple virus - [Brazil:Alagoas:Maceio 6:2010]	CleCrV-[BR:Ala:Mac6:10]	JN103436	
<i>Cleome leaf crumple virus</i>	Cleome leaf crumple virus - [Brazil:PE-Goi1:2010]	CleCrV-[Brazil:PE-Goi1:10]	JN103437	
<i>Cleome leaf crumple virus</i>	Cleome leaf crumple virus - [Brazil:PB-Alh1:2010]	CleCrV-[Brazil:PB-Alh1:10]	JN103438	
<i>Cleome leaf crumple virus</i>	Cleome leaf crumple virus - [Brazil:BA-Cds1:2010]	CleCrV-[BR:Cds1:10]	JN103439	
<b>Clerodendron yellow mosaic virus</b>	<b>Clerodendron yellow mosaic virus - [India:Iari:2006]</b>	CIYMV-[IN:Iari:06]	EF408037	
<i>Clerodendron yellow mosaic virus</i>	Clerodendron yellow mosaic virus - [Pakistan:SA23:Croton:2012]	CIYMV-[PK:Sa23:Cro:12]	HE863667	
<b>Clerodendron golden mosaic China virus</b>	<b>Clerodendron golden mosaic China virus - Fuzon [China:Fuzhou 7:2007]</b>	CIGMCNV-Fu[CN:Fz7:07]	FJ011668	FJ011669
<i>Clerodendrum golden mosaic China virus</i>	Clerodendron golden mosaic China virus - Jiangsu [China:Jiangsu XY1:2008]	CIGMCNV-JI[CN:JsXY1:08]	FN396962	FN396963
<i>Clerodendrum golden mosaic China virus</i>	Clerodendron golden mosaic China virus - Jiangsu [United States:Louisiana:Salvia:2011]	CIGMCNV-JI[USA:Lou:Sal:11]	JQ305797	
<b>Clerodendrum golden mosaic Jiangsu virus</b>	<b>Clerodendron golden mosaic Jiangsu virus - [China:Jiangsu XY2:2008]</b>	CIGMJsV-[CN:JsXY2:08]	FN396966	
<b>Clerodendron golden mosaic virus</b>	<b>Clerodendron golden mosaic virus - [Vietnam:Sonla:2005]</b>	CIGMV-[VN:Son:05]	DQ641692	DQ641693
<i>Clerodendrum golden mosaic virus</i>	Clerodendron golden mosaic virus - [China:Yunan1095:09]	CIGMV-[CN:Yu:09]	HQ317134	
<i>Corchorus golden mosaic virus</i>	Corchorus golden mosaic virus - Hanoi [Vietnam:Hanoi:2005]	CoGMV-Ha[VN:Han:05]	DQ641688	DQ641689
<i>Corchorus golden mosaic virus</i>	Corchorus golden mosaic virus - India [India:Barrackpore:2007]	CoGMV-IN[IN:Bar:07]	EU636712	FJ455448
<b>Corchorus golden mosaic virus</b>	<b>Corchorus golden mosaic virus - India [India:Bahraich:2008]</b>	CoGMV-IN[IN:Bah:08]	FJ463902	FJ463901

<i>Corchorus golden mosaic virus</i>	Corchorus golden mosaic virus - India [India:Barrackpore 2:2009]	CoGMV-IN[IN:Bar2:09]	FJ790326	FJ790327
<i>Corchorus golden mosaic virus</i>	Corchorus golden mosaic virus - India [India:Barrackpore 2:2008]	CoGMV-IN[IN:Bar2:08]	GQ183863	GQ183864
<b>Corchorus yellow spot virus</b>	<b>Corchorus yellow spot virus - [Mexico:Yucatan:2005]</b>	CoYSV-[MX:Yuc:05]	DQ875868	DQ875869
<i>Corchorus yellow vein mosaic virus</i>	Corchorus yellow vein mosaic virus - [India:Maharashtra:2011]	CoYV-[IN:Mah:11]	KC196077	
<b>Corchorus yellow vein mosaic virus</b>	<b>Corchorus yellow vein mosaic virus - [India:Maharashtra CEA8:2011]</b>	CoYV-[IN:Mah:CEA8:11]	KC223600	
<b>Corchorus yellow vein Vietnam virus</b>	<b>Corchorus yellow vein Vietnam virus - [Vietnam:Hoa Binh:2000]</b>	CoYVV-[VN:Hoaa:00]	AY727903	AY727904
<b>Cotton chlorotic spot virus</b>	<b>Cotton chlorotic spot virus - [Brazil:CampinaGrandeB012:2009]</b>	CoChSpV-[BR:Cam:09]	KF358470	
<b>Cotton leaf crumple virus</b>	<b>Cotton leaf crumple virus - Arizona [Mexico:Sonora:1991]</b>	CLCrV-AZ[MX:Son:91]	AF480940	AF480941
<i>Cotton leaf crumple virus</i>	Cotton leaf crumple virus - Arizona [United States:Arizona:1991]	CLCrV-AZ[US:Ari:91]	AY083350	
<i>Cotton leaf crumple virus</i>	Cotton leaf crumple virus - Texas [United States:Texas:1991]	CLCrV-TX[US:Tex:91]	AY083351	
<i>Cotton leaf crumple virus</i>	Cotton leaf crumple virus - Arizona [United States:California:1991]	CLCrV-AZ[US:Cal:91]	AY742220	AY742221
<b>Cotton leaf curl Alabad virus</b>	<b>Cotton leaf curl Alabad virus - Alabad [Pakistan:Alabad 804a:1996]</b>	CLCuAIV-AI[PK:Ala804a:96]	AJ002452	
<i>Cotton leaf curl Alabad virus</i>	Cotton leaf curl Alabad virus - Alabad [Pakistan:Kohiwala 802a:1996]	CLCuAIV-AI[PK:Koh802a:96]	AJ002455	
<i>Cotton leaf curl Alabad virus</i>	Cotton leaf curl Alabad virus- Multan [Pakistan:Multan:Davidsonii:2006]	CLCuAIV-Mu[PK:Mul:Dav:06]	EU365617	EU384577
<i>Cotton leaf curl Alabad virus</i>	Cotton leaf curl Alabad virus - Multan [Pakistan:Multan:Punctatum:2006]	CLCuAIV-Mu[PK:Mul:Pun:06]	EU384575	EU384578
<i>Cotton leaf curl Alabad virus</i>	Cotton leaf curl Alabad virus - Lobatum [Pakistan:Multan:Lobatum:2006]	CLCuAIV-Lo[PK:Mul:Lob:06]	FJ210467	FJ218488
<i>Cotton leaf curl Alabad virus</i>	Cotton leaf curl Alabad virus - Multan [Pakistan:Multan:Gossypoides:2006]	CLCuAIV-Mu[PK:Mul:Gos:06]	FJ218485	
<i>Cotton leaf curl Alabad virus</i>	Cotton leaf curl Alabad virus - Karnal [India:Karnal:OY81B:Okra:2005]	CLCuAIV-Ka[IN:Kar:OY81B:Okr:05]	GU112004	
<i>Cotton leaf curl Alabad virus</i>	Cotton leaf curl Alabad virus - Haryana [India:Karnal:OY77:Okra:2005]	CLCuAIV-Ha[IN:Kar:OY77:Okr:05]	GU112081	
<i>Cotton leaf curl Bangalore</i>	Cotton leaf curl Bangalore virus - [India:Bangalore:OY136A:Okra:2005]	CLCuBaV-[IN:Ban:OY136A:Okr:05]	GU112003	
<b>Cotton leaf curl Bangalore virus</b>	<b>Cotton leaf curl Bangalore virus - [India:Bangalore:2004]</b>	CLCuBaV-[IN:Ban:04]	AY705380	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Hollyhock [Egypt:Giza:Hollyhock]	CLCuGeV-Ho[EG:Giz:Hol]	AF014881	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Egypt [Egypt:Aswan:Okra]	CLCuGeV-EG[EG:Asw:Okr]	AF155064	
<b>Cotton leaf curl Gezira virus</b>	<b>Cotton leaf curl Gezira virus - Sudan [Sudan:Gezira:1996]</b>	CLCuGeV-SD[SD:Gez:96]	AF260241	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Cairo [Egypt:Cairo:Hollyhock]	CLCuGeV-Ca[EG:Cai:Hol]	AJ542539	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Madagascar [Madagascar:Fort Dauphin:bean:2001]	CLCuGeV-MG[MG:FD:Bea:01]	AM701757	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Sudan [Sudan:Gezira:Okra]	CLCuGeV-SD[SD:Gez:Okr]	AY036006	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Sudan [Sudan:Gezira:Sida]	CLCuGeV-SD[SD:Gez:Sid]	AY036007	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Sudan [Sudan:Shambat:Okra]	CLCuGeV-SD[SD:Sha:Okr]	AY036008	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Hollyhock [Egypt:Cairo:Hollyhock:1997]	CLCuGeV-Ho[EG:Cai:Ho:97]	AY036009	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Egypt [Egypt:Cairo:Okra]	CLCuGeV-EG[EG:Cai:Okr]	AY036010	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Mali [Mali:Bamako:Okra:2006]	CLCuGeV-ML[ML:Bam:Okr:06]	EU024120	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Niger [Niger:Niamey2:Okra:2007]	CLCuGeV-NENE:Nia2:Okr:07]	EU432373	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Burkina Faso [Niger:Niamey1:Okra:2007]	CLCuGeV-BF[NE:Nia1:Okr:07]	EU432374	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Niger [Niger:Sadore1:Okra:2007]	CLCuGeV-NE[NE:Sad1:Okr:07]	FJ469626	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Burkina Faso [Niger:Sadore2:Okra:2007]	CLCuGeV-BF[NE:Sad2:Okr:07]	FJ469627	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Okra [Sudan:Okra:2007]	CLCuGeV-Ok[SD:Okr:07]	FJ868828	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Lysoka [Cameroon:Lysoka11:Okra:2008]	CLCuGeV-Ly[CM:Lys11:Okr08]	FM164726	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Cameroon [Cameroon:Muea:Okra:2008]	CLCuGeV-CM[CM:Mue:Okr:08]	FM210276	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Burkina Faso [Burkina Faso:Tiébélé1:Okra:2008]	CLCuGeV-BF[BF:Tie1:Okr:08]	FN554519	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Burkina Faso [Burkina Faso:Tiébélé2:Okra:2008]	CLCuGeV-BF[BF:Tie2:Okr:08]	FN554520	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Burkina Faso [Burkina Faso:Kampala1:Okra:2008]	CLCuGeV-BF[BF:Kap1:Okr:08]	FN554521	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Burkina Faso [Burkina Faso:Kampala2:Okra:2008]	CLCuGeV-BF[BF:Kap2:Okr:08]	FN554522	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Burkina Faso [Burkina Faso:Kampala3:Okra:2008]	CLCuGeV-BF[BF:Kap3:Okr:08]	FN554523	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Burkina Faso [Burkina Faso:Kampala4:Okra:2008]	CLCuGeV-BF[BF:Kap4:Okr:08]	FN554524	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Burkina Faso [Burkina Faso:Kampala5:Okra:2008]	CLCuGeV-BF[BF:Kap5:Okr:08]	FN554525	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Burkina Faso [Burkina Faso:Kampala5:Okra:2008]	CLCuGeV-BF[BF:Kap6:Okr:08]	FN554526	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Burkina Faso [Burkina Faso:Kampala7:Okra:2008]	CLCuGeV-BF[BF:Kap7:Okr:08]	FN554527	
<i>Cotton leaf curl Gezira virus</i>	Cotton leaf curl Gezira virus - Burkina Faso [Burkina Faso:Kampala8:Okra:2008]	CLCuGeV-BF[BF:Kap8:Okr:08]	FN554528	



<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Shadadpur [Pakistan:Tandoadam:2005]	CLCuKoV-Sha[PK:TanA:05]	FN552003
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Shadadpur [Pakistan:Shadadpur:LS4:2004]	CLCuKoV-Sha[PK:Sha:LS4:04]	FN552004
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Shadadpur [Pakistan:Shadadpur:LS6:2004]	CLCuKoV-Sha[PK:Sha:LS6:04]	FN552005
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Kokhran [Pakistan:Sakrand:2005]	CLCuKoV-Ko[PK:Sak:05]	FN552006
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Punjab:2007]	CLCuKoV-Bu[IN:Pun:07]	FN645929
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Punjab2:2007]	CLCuKoV-Bu[IN:Pun2:07]	FN645932
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [Pakistan:Bahawalnagar:2009]	CLCuKoV-Bu[PK:Bah:09]	FR750318
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [Pakistan:Burewala:MV2A:2009]	CLCuKoV-Bu[PK:Veh:MV2A:09]	FR750319
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [Pakistan:Burewala:MV2B:2009]	CLCuKoV-Bu[PK:Veh:MV2B:09]	FR750320
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [Pakistan:Rahimyar Khan:MV15:2009]	CLCuKoV-Bu[PK:RaK:MV15:09]	FR750321
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [Pakistan:Rahimyar Khan:MV16:2009]	CLCuKoV-Bu[PK:RaK:MV16:09]	FR750322
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [Pakistan:Bahwalpur:MV18A:2009]	CLCuKoV-Bu[PK:Bah:MV18A:09]	FR750323
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [Pakistan:Bahwalpur:MV18B:2009]	CLCuKoV-Bu[PK:Bah:MV18B:09]	FR750324
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [Pakistan:Summandri]	CLCuKoV-Bu[PK:Sum]	FR819707
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [Pakistan:Fortabas:MV13]	CLCuKoV-Bu[PK:For:MV13]	FR837932
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [Pakistan:Fortabas:MV14]	CLCuKoV-Bu[PK:For:MV14]	FR837933
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [Pakistan:Fortabas:MV14C]	CLCuKoV-Bu[PK:For:MV14C]	FR837934
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Sri-Ganganagar:2008]	CLCuKoV-Bu[IN:SG:08]	GQ247893
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Lucknow [India:Lucknow:Cyamopsis tetragonoloba:Bean:2010]	CLCuKoV-Lu[IN:Luc:Ct:Bea10]	GU385879
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [Pakistan:Okara:Ricinus communis:2012]	CLCuKoV-Bu[PK:Oka:Ric:12]	HE985227
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [Pakistan:Faisalabad:C-28:2010]	CLCuKoV-Bu[PK:Fai:C-28:10]	HF549180
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [Pakistan:Faisalabad:GMT-2:2010]	CLCuKoV-Bu[PK:Fai:GMT-2:10]	HF549181
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Layyah [Pakistan:Layyah:2011]	CLCuKoV-La[PK:Lay:11]	HF549182
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [Pakistan:Bhakar:GMT-16:2011]	CLCuKoV-Bu[PK:Bha:GMT-16:11]	HF549183
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [Pakistan:Okara:GMT-18:2011]	CLCuKoV-Bu[PK:Oka:GMT-18:11]	HF549184
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [Pakistan:Kokhran:Luffa:2011]	CLCuKoV-Bu[PK:Bur:Luf:11]	HF567942
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Bihar:Tomato:2009]	CLCuKoV-Bu[IN:Bih:Tom:09]	HM461862
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Bihar2:Tomato:2009]	CLCuKoV-Bu[IN:Bih2:Tom:09]	HM461863
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Lucknow:2009]	CLCuKoV-Bu[IN:Luc:09]	HM461866
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Lucknow2:2009]	CLCuKoV-Bu[IN:Luc2:09]	HM461867
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Kokhran [Pakistan:Multan:Stocksii1:2008]	CLCuKoV-Ko[PK:Mul:Sto1:08]	HM468427
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Kokhran [India:Sribt12:2010]	CLCuKoV-Ko[IN:SriBt12:10]	HQ257374
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [Pakistan: Rajasthan: BK1:2009]	CLCuKoV-Bu[PK:Raj: BK1:09]	JF416947
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Fazilka:2004]	CLCuKoV-Bu[IN:Faz:04]	JF502353
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Abohar:2009]	CLCuKoV-Bu[IN:Abo:09]	JF502354
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Fazilka:2009]	CLCuKoV-Bu[IN:Faz:09]	JF502355
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:SriGanganagar:2009]	CLCuKoV-Bu[IN:Sri:09]	JF502356
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Bathinda:2009]	CLCuKoV-Bu[IN:Bat:09]	JF502357
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Abohar4:2010]	CLCuKoV-Bu[IN:Abo4:10]	JF502360
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Fazilka1:2010]	CLCuKoV-Bu[IN:Faz1:10]	JF502365
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Fazilka2:2010]	CLCuKoV-Bu[IN:Faz2:10]	JF502366
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:SriGanganagar1:2010]	CLCuKoV-Bu[IN:Sri1:10]	JF502367
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:SriGanganagar2:2010]	CLCuKoV-Bu[IN:Sri2:10]	JF502368
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Hissar1:2010]	CLCuKoV-Bu[IN:His1:10]	JF502370
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Hissar2:2010]	CLCuKoV-Bu[IN:His2:10]	JF502371
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Haryana:2010]	CLCuKoV-Bu[IN:Har:10]	JF502372
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [In:Hanumangarh:2010]	CLCuKoV-Bu[IN:Han:10]	JF502373
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:SriGanganagar:2005]	CLCuKoV-Bu[IN:Sri:05]	JF509747
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Bathinda2:2010]	CLCuKoV-Bu[IN:Bat2:10]	JF510458

<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Dabwali1:2010]	CLCuKoV-Bu[In:Dab1:10]	JF510459
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Dabwali2:2010]	CLCuKoV-Bu[In:Dab2:10]	JF510460
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:Dabwali3:2010]	CLCuKoV-Bu[In:Dab3:10]	JF510461
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:SriGanganagar:CLR0220:10]	CLCuKoV-Bu[In:Sri:CLR02:10]	JN678802
<i>Cotton leaf curl Kokhran virus</i>	Cotton leaf curl Kokhran virus - Burewala [India:SriGanganagar:CLR1320:10]	CLCuKoV-Bu[In:Sri:CLR13:10]	JN678805
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Sriganganagar:1994]	CLCuMuV-Ra[IN:Sri:94]	AF363011
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [Pakistan:Yazman 62:1995]	CLCuMuV-Fai[PK:Yaz62:95]	AJ002447
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [Pakistan:Dera Ghazi Khan 26:1995]	CLCuMuV-Fai[PK:DGK26:95]	AJ002458
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Hisar [Pakistan:Multan 311:Okra:1996]	CLCuMuV-His[PK:Mul311:Okr:96]	AJ002459
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Hisar [Pakistan:Multan:H65-1:1997]	CLCuMuV-His[PK:Mul:H65-1:97]	AJ132430
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [Pakistan:Faisalabad:31cf:1992]	CLCuMuV-Fai[PK:Fai:31cf:92]	AJ496287
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [Pakistan:Faisalabad:33af:1992]	CLCuMuV-His[PK:Fai:33af:92]	AJ496461
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [Pakistan:Faisalabad:Tomato:2005]	CLCuMuV-IN[PK:Fai:Tom:2005]	AM501481
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Hisar [India:Hisar:1999]	CLCuMuV-His[IN:His:99]	AY765253
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Sirsa:1999]	CLCuMuV-IN[IN:Sir:99]	AY765254
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Hisar [India:New Delhi:1999]	CLCuMuV-His[IN:ND:99]	AY765256
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Hisar [India:Ludhiana:1999]	CLCuMuV-His[IN:Lud:99]	AY765257
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:New Delhi2:2003]	CLCuMuV-IN[IN:ND2:03]	AY795605
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Abohar:2003]	CLCuMuV-IN[IN:Abo:03]	AY795606
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Hisar:2003]	CLCuMuV-IN[IN:His:03]	AY795607
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Hisar [India:Bhatinda:2005]	CLCuMuV-His[IN:Bha:05]	DQ191160
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Guangzhou:G6:Hibiscus:2006]	CLCuMuV-Fai[CN:GZ:G6:Hib:06]	EF465535
<b><i>Cotton leaf curl Multan virus</i></b>	<b>Cotton leaf curl Multan virus - Darwini [Pakistan:Multan:Darwini 1:2006]</b>	CLCuMuV-Dar[PK:Mul:Dar1:06]	EU365613
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Darwini [Pakistan:Multan:Darwini 3:2006]	CLCuMuV-Dar[PK:Mul:Dar3:06]	EU365614
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Darwini [Pakistan:Multan:Darwini 4:2006]	CLCuMuV-Dar[PK:Mul:Dar4:06]	EU365615
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Pakistan [Pakistan:Multan:Davidsonii:2006]	CLCuMuV-PK[PK:Mul:06]	EU365616
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [Pakistan:Multan:Latifolium:2006]	CLCuMuV-Fai[PK:Mul:Lat:06]	EU384573
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Pakistan [Pakistan:Multan:Mostelanum 3:2006]	CLCuMuV-PK[PK:Mul:Mos3:06]	EU384574
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Darwini [Pakistan:Multan:Hirsutum:2006]	CLCuMuV-Dar[PK:Mul:Hir:06]	FJ218486
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Darwini [Pakistan:Multan:Hirsutum2:2006]	CLCuMuV-Dar[PK:Mul:Hir2:06]	FJ218487
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Okra:2008]	CLCuMuV-Fai[CN:08]	FJ770370
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [Pakistan:Digera arvensis:2008]	CLCuMuV-PK[PK:Dar:08]	FM202328
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Haryana:2007]	CLCuMuV-IN[IN:Har:07]	FN645912
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Sri-Ganganagar:2008]	CLCuMuV-IN[IN:SG:08]	GQ220850
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Guangxi 08:Hibiscus:2008]	CLCuMuV-Fai[CN:GX08:Hib:08]	GQ503175
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Nanning:Guangxi1:2010]	CLCuMuV-Fai[CN:Nan:GX1:08]	GQ924756
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Guangxi 08:Okra:2009]	CLCuMuV-Fai[CN:GX:Okr:09]	GU574208
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Sirsa:Sirsa-UC:2009]	CLCuMuV-Raj[IN:Sir:SirUC:09]	HM037920
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Sirsa:Sirsa-Haryana-En:2009]	CLCuMuV-Raj[IN:Sir:SirHarEn:09]	HM037923
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Naruana:Naruana-Punjab:2006]	CLCuMuV-Raj[IN:Nar:NarPun:06]	HM235774
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Rajasthan:Ganganagar-Rajasthan:2009]	CLCuMuV-Raj[IN:Raj:GanRaj:09]	HQ158009
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Rajasthan:Mohanpura-Rajasthan:2006]	CLCuMuV-Raj[IN:Raj:MohRaj:06]	HQ158010
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Haryana:Sirsa-Haryana:2006]	CLCuMuV-Raj[IN:Raj:SirRaj:06]	HQ158011
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:FC1:Hibiscus:08]	CLCuMuV-Fai[CN:FC1:Hib:08]	HQ455347
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Guangdong:FC2:Hibiscus:08]	CLCuMuV-Fai[CN:GD:FC2:Hib:08]	HQ455348
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Guangdong:FC3:Hibiscus:08]	CLCuMuV-Fai[CN:GD:FC3:Hib:08]	HQ455349
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Guangdong:FG:Hibiscus:09]	CLCuMuV-Fai[CN:GD:FG:Hib:09]	HQ455353
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Guangxi:GX8:Hibiscus:2009]	CLCuMuV-Fai[CN:GX:GX8:Hib:09]	HQ455355
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Guangxi:GX11:Hibiscus:2009]	CLCuMuV-Fai[CN:GX:GX11:Hib:09]	HQ455356

<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Guangxi:GX21:Hibiscus:2009]	CLCuMuV-Fai[CN:GX:GX21:Hib:09]	HQ455357
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Guangdong:HP:Hibiscus:09]	CLCuMuV-Fai[CN:GD:HP:Hib:09]	HQ455361
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Guangdong:JM:Hibiscus:09]	CLCuMuV-Fai[CN:GD:JM:Hib:09]	HQ455363
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:ZhH:Hibiscus:2009]	CLCuMuV-Fai[CN:ZhH:Hib:09]	HQ455365
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:ZhSh:Hibiscus:2008]	CLCuMuV-Fai[CN:ZhSh:Hib:08]	HQ455367
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Pakistan [India:Bathinda:Bat2:2005]	CLCuMuV-PK[IN:Bat:Bat2:05]	JF502358
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Pakistan [India:SriGanganagar:Sri2:2005]	CLCuMuV-PK[IN:Sri:Sri2:05]	JF502359
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Abohar:Abohar1:2010]	CLCuMuV-Raj[IN:Abo:Abo1:10]	JF502361
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Abohar:Abohar2:2010]	CLCuMuV-Raj[IN:Abo:Abo2:10]	JF502362
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Abohar:Abohar3:2010]	CLCuMuV-Raj[IN:Abo:Abo3:10]	JF502363
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Abohar:Abohar5:2010]	CLCuMuV-Raj[IN:Abo:Abo5:10]	JF502364
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Bathinda:Bat1:2010]	CLCuMuV-Raj[IN:Bat:Bat1:10]	JF502369
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Abohar:2003]	CLCuMuV-Raj[IN:Abo:03]	JF509746
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Rajasthan:SriGanganagar:2005]	CLCuMuV-Raj[IN:Raj:Sri:05]	JF509748
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Bathinda:Bat1:2005]	CLCuMuV-Raj[IN:Bat:Bat1:05]	JF509749
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Rajasthan [India:Fazilka:2005]	CLCuMuV-Raj[IN:Faz:05]	JF509750
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Hisar [India:papaya:2010]	CLCuMuV-His[IN:pap:10]	JN558352
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Darwini [India:SriGanganagar:CLR07:2010]	CLCuMuV-Dar[IN:Sri:CLR07:10]	JN678803
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [India:SriGanganagar:CLR11:2010]	CLCuMuV-Fai[IN:Sri:CLR11:10]	JN678804
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [India:SriGanganagar:BT09:2010]	CLCuMuV-Fai[IN:Sri:BT09:10]	JN678806
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Hibiscus [India:Hibiscus1:2011]	CLCuMuV-Hib[IN:Hib1:11]	JN807763
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Hibiscus [India:Hibiscus2:2011]	CLCuMuV-Hib[IN:Hib2:11]	JN880418
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Guangdong:GD37:Hibiscus:2007]	CLCuMuV-Fai[CN:GD:GD37:Hib:07]	JN968573
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Guangxi:GX01:Hibiscus:2011]	CLCuMuV-Fai[CN:GX:GX01:11]	JQ317603
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Guangdong:GD11:Malvaviscus penduliflorus:2011]	CLCuMuV-Fai[CN:GD:GD11:Mal:11]	JQ424826
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:NS1:Hibiscus:2011]	CLCuMuV-Fai[CN:NS1:Hib:11]	JQ943408
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:GY1:Hibiscus:2011]	CLCuMuV-Fai[CN:GY1:Hib:11]	JQ963625
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:GY2:Hibiscus:2011]	CLCuMuV-Fai[CN:GY2:Hib:11]	JQ963627
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:SZ1:Hibiscus:2011]	CLCuMuV-Fai[CN:SZ1:Hib:11]	JQ963629
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:SZ2:Hibiscus:2011]	CLCuMuV-Fai[CN:SZ2:Hib:11]	JQ963631
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:CH01:Hibiscus:2012]	CLCuMuV-Fai[IN:CH01:Hib:12]	JX286656
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:KP01:Hibiscus:2011]	CLCuMuV-Fai[CN:KP01:Hib:11]	JX286658
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:NH01:Hibiscus:2012]	CLCuMuV-Fai[CN:NH01:Hib:12]	JX286660
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:SS01:Hibiscus:2011]	CLCuMuV-Fai[CN:SS01:Hib:11]	JX286662
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Okra01:okra:2011]	CLCuMuV-Fai[CN:Ok01:okr:11]	JX286664
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Fz1:Hibiscus:2012]	CLCuMuV-Fai[CN:Fz1:Hib:12]	JX861210
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Jiangsu:JSHIA32:Hibiscus:2012]	CLCuMuV-Fai[CN:JS:JSHIA32:12]	JX914662
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Guangxi:GX88:2012]	CLCuMuV-Fai[CN:GX:GX88:12]	KC171654
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [Philippines:Laguna:G2:Hibiscus:2012]	CLCuMuV-Fai[PH:Lag:G2:12]	KF413616
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [Philippines:Davao:D4:Hibiscus:2012]	CLCuMuV-Fai[PH:Dav:D4:12]	KF413618
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Hainan:HN08:Hibiscus:2012]	CLCuMuV-Fai[CN:HN:HN08:Hib:12]	KF444948
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Guangdong:Hy:Hibiscus:2013]	CLCuMuV-Fai[CN:GD:Hy:Hib:13]	KF766945
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Yunnan:YN01:Hibiscus:2013]	CLCuMuV-Fai[CN:YN:YV01:Hib:13]	KF766947
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Guangdong:Mm:Hibiscus:2013]	CLCuMuV-Fai[CN:GD:Mm:Hib:13]	KF766949
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Guangdong:DH:Hibiscus:2013]	CLCuMuV-Fai[CN:GD:DH:Hib:13]	KF766951
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Hainan:HK:Hibiscus:2012]	CLCuMuV-Fai[CN:HN:HK:Hib:12]	KF766953
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [China:Hainan:SY:Hibiscus:2013]	CLCuMuV-Fai[CN:HN:SY:Hib:13]	KF766955
<i>Cotton leaf curl Multan virus</i>	Cotton leaf curl Multan virus - Faisalabad [Pakistan:Faisalabad 1:1995]	CLCuMuV-Fai[PK:Fai1:95]	X98995
<b>Cowpea golden mosaic virus</b>	<b>Cowpea golden mosaic virus - [Nigeria:Nsukka:1990]</b>	CPGMV-[NG:Nsu:90]	AF029217

**Crassocephalum yellow vein virus**

*Crassocephalum yellow vein virus*

**Croton yellow vein mosaic virus**

*Cucurbit leaf crumple virus*

*Cucurbit leaf crumple virus*

**Dalechampia chlorotic mosaic virus**

*Dalechampia chlorotic mosaic virus*

**Datura leaf distortion virus**

**Desmodium leaf distortion virus**

*Diclipetra yellow mottle virus*

**Dicliptera yellow mottle virus**

*Dicliptera yellow mottle virus*

*Dolichos yellow mosaic virus*

*Dolichos yellow mosaic virus*

*Dolichos yellow mosaic virus*

**Dolichos yellow mosaic virus**

*Dolichos yellow mosaic virus*

*Dolichos yellow mosaic virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

**East African cassava mosaic Kenya virus**

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

*East African cassava mosaic Kenya virus*

**Crassocephalum yellow vein virus - [China:Jinhong:2005]**

Crassocephalum yellow vein virus - [China:Yunnan:YYJi3]

Croton yellow vein mosaic virus - [India]

**Cucurbit leaf crumple virus - [United States:California:1998]**

Cucurbit leaf crumple virus - [United States:Arizona:1991]

**Dalechampia chlorotic mosaic virus - [Venezuela:Albarico1020:2007]**

Dalechampia chlorotic mosaic virus - [Venezuela:Juana de Avila 1088:2008]

**Datura leaf distortion virus - [Venezuela:Rubio 933:2007]**

**Desmodium leaf distortion virus - [Mexico:Yucatan:2005]**

Dicliptera yellow mottle virus - [Cuba:Trinidad:11A\_1\_C1205:2007]

**Dicliptera yellow mottle virus - [United States:Florida:1998]**

Dicliptera yellow mottle virus - [Cuba]

Dolichos yellow mosaic virus - [India:Mysore:2004]

Dolichos yellow mosaic virus - [India:Bangalore:2004]

Dolichos yellow mosaic virus - [India:Bangalore 2:2004]

**Dolichos yellow mosaic virus - [Bangladesh:Gazipur]**

Dolichos yellow mosaic virus - [India:New Delhi:2000]

Dolichos yellow mosaic virus - [India:Bihar:2011]

East African cassava mosaic Kenya virus - [Kenya:Tala:K302:2002]

East African cassava mosaic Kenya virus - [Kenya:Tala:K303:2002]

East African cassava mosaic Kenya virus - [Kenya:Tala:K304:2002]

**East African cassava mosaic Kenya virus - [Kenya:Mitaboni:K298:2002]**

East African cassava mosaic Kenya virus - [Kenya:Kathiana:K301:2002]

East African cassava mosaic Kenya virus - [Kenya:Matuu:K308:2002]

East African cassava mosaic Kenya virus - [Kenya:Matuu:K310:2002]

East African cassava mosaic Kenya virus - [Kenya:Matuu:K307:2002]

East African cassava mosaic Kenya virus - [Kenya:Kehancha:K238:2002]

East African cassava mosaic Kenya virus - [Kenya:Kehancha:K229:2002]

East African cassava mosaic Kenya virus - [Kenya:Kehancha:K230:2002]

East African cassava mosaic Kenya virus - [Kenya:Kathiana:K300:2002]

East African cassava mosaic Kenya virus - [Kenya:Migori:K261:2002]

East African cassava mosaic Kenya virus - [Kenya:Migori:K228:2002]

East African cassava mosaic Kenya virus - [Madagascar:Diana:635A6:2011]

East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC01B01:2005]

East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC03B13:2005]

East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC03E02:2006]

East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC04B19:2005]

East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC07B31:2008]

East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC09B43:2008]

East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC10B53:2008]

East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC11AA6:2008]

East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC11B32:2008]

East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC11B55:2008]

East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC14B73:2008]

East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC15B21:2008]

East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC16B00:2004]

East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC21AT2:2004]

East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC26BA1:2009]

East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC27AG1:2009]

CraYVV-[CN:Jin:05]

CraYVV-[CN:Yun:YYJi3]

CroYVMV-[IN]

CuLGRV-[US:Cal:98]

CuLGRV-[US:Ari:91]

DaChMV-[VE:Alb1020:07]

DaChMV-[VE:Jua1088:08]

DaLDV-[VE:Rub933:07]

DesLDV-[MX:Yuc:05]

DiYMV-[CU:Tri:11A\_1\_C1205:07]

DiYMoV-[US:Flo:98]

DiYMoV-[CU]

DoYMV-[IN:Mys:04]

DoYMV-[IN:Ban:04]

DoYMV-[IN:Ban2:04]

DoYMV-[BD:Gaz]

DoYMV-[IN:ND:00]

DoYMV-[IN:Bih:11]

EACMKV-[KE:Tal:K302:02]

EACMKV-[KE:Tal:K303:02]

EACMKV-[KE:Tal:K304:02]

EACMKV-[KE:Mit:K298:02]

EACMKV-[KE:Kat:K301:02]

EACMKV-[KE:Mat:K308:02]

EACMKV-[KE:Mat:K310:02]

EACMKV-[KE:Mat:K307:02]

EACMKV-[KE:Keh:K238:02]

EACMKV-[KE:Keh:K229:02]

EACMKV-[KE:Keh:K230:02]

EACMKV-[KE:Kat:K300:02]

EACMKV-[KE:Mig:K261:02]

EACMKV-[KE:Mig:K228:02]

EACMKV-[MG:Di:635A6:11]

EACMKV-[KM:GC:GC01B01:05]

EACMKV-[KM:GC:GC03B13:05]

EACMKV-[KM:GC:GC03E02:06]

EACMKV-[KM:GC:GC04B19:05]

EACMKV-[KM:GC:GC07B31:08]

EACMKV-[KM:GC:GC09B43:08]

EACMKV-[KM:GC:GC10B53:08]

EACMKV-[CM:GC:GC11AA6:08]

EACMKV-[CM:GC:GC11B32:08]

EACMKV-[CM:GC:GC11B55:08]

EACMKV-[KM:GC:GC14B73:08]

EACMKV-[KM:GC:GC15B21:08]

EACMKV-[KM:GC:GC16B00:04]

EACMKV-[KM:GC:GC21AT2:04]

EACMKV-[KM:GC:GC26BA1:09]

EACMKV-[KM:GC:GC27AG1:09]

EF165536

FN401520

AJ507777

AF224760

AF224761

AF256200

AF327559

JN848775

JN848776

JN848777

JN848773

JN848774

DQ875870

DQ875871

HE806446

AF139168

AF170101

AJ549960

AJ968370

AM157412

AM157413

AY271891

AY309241

JX315325

AJ717569

AJ717570

AJ717571

AJ717572

AJ704971

AJ717573

AJ717574

AJ704972

AJ717575

AJ717576

AJ717577

AJ704969

AJ717578

AJ704968

AJ717579

AJ704967

AJ717580

AJ704965

AJ717581

AJ704970

AJ717582

AJ704966

HE984147

JF909078

JF909079

JF909080

JF909081

JF909083

JF909085

JF909086

JF909087

JF909088

JF909089

JF909091

JF909093

JF909095

JF909098

JF909100

JF909101

<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC27BF1:2009]	EACMKV-[KM:GC:GC27BF1:09]	JF909102	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC28AK1:2009]	EACMKV-[KM:GC:GC28AK1:09]	JF909103	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC29AK1:2009]	EACMKV-[KM:GC:GC29AK1:09]	JF909104	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC29BG1:2009]	EACMKV-[KM:GC:GC29BG1:09]	JF909105	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC31AB2:2009]	EACMKV-[KM:GC:GC31AB2:09]	JF909107	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC31BL1:2009]	EACMKV-[KM:GC:GC31BL1:09]	JF909108	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC31BT1:2009]	EACMKV-[KM:GC:GC31BT1:09]	JF909109	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC33BD2:2009]	EACMKV-[KM:GC:GC33BD2:09]	JF909112	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC33BN1:2009]	EACMKV-[KM:GC:GC33BN1:09]	JF909113	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC35BC1:2009]	EACMKV-[KM:GC:GC35BC1:09]	JF909114	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC40BR2:2009]	EACMKV-[KM:GC:GC40BR2:09]	JF909116	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC49AI4:2009]	EACMKV-[KM:GC:GC49AI4:09]	JF909122	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC49BE3:2009]	EACMKV-[KM:GC:GC49BE3:09]	JF909123	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC49BO2:2009]	EACMKV-[KM:GC:GC49BO2:09]	JF909124	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC59BH1:2009]	EACMKV-[KM:GC:GC59BH1:09]	JF909125	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Grande-Comore:GC60BO1:2009]	EACMKV-[KM:GC:GC60BO1:09]	JF909126	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO02B00:2005]	EACMKV-[KM:Moh:MO02B00:05]	JF909127	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO04AF2:2009]	EACMKV-[KM:Moh:MO04AF2:09]	JF909128	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO05AK2:2009]	EACMKV-[KM:Moh:MO05AK2:09]	JF909129	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO05BD3:2009]	EACMKV-[KM:Moh:MO05BD3:09]	JF909130	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO09BI3:2009]	EACMKV-[KM:Moh:MO09BI3:09]	JF909132	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO11BP3:2009]	EACMKV-[KM:Moh:MO11BP3:09]	JF909134	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO12BS3:2009]	EACMKV-[KM:Moh:MO12BS3:09]	JF909135	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO13AA3:2009]	EACMKV-[KM:Moh:MO13AA3:09]	JF909136	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO13AY2:2009]	EACMKV-[KM:Moh:MO13AY2:09]	JF909137	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO13BW3:2009]	EACMKV-[KM:Moh:MO13BW3:09]	JF909138	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO16AI2:2009]	EACMKV-[KM:Moh:MO16AI2:09]	JF909140	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO16BF1:2009]	EACMKV-[KM:Moh:MO16BF1:09]	JF909141	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO17AL2:2009]	EACMKV-[KM:Moh:MO17AL2:09]	JF909142	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO17BI1:2009]	EACMKV-[KM:Moh:MO17BI1:09]	JF909143	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO18AP2:2009]	EACMKV-[KM:Moh:MO18AP2:09]	JF909144	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO18BN1:2009]	EACMKV-[KM:Moh:MO18BN1:09]	JF909145	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO20AZ2:2009]	EACMKV-[KM:Moh:MO20AZ2:09]	JF909146	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO20BS1:2009]	EACMKV-[KM:Moh:MO20BS1:09]	JF909147	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Moheli:MO21AH3:2009]	EACMKV-[KM:Moh:MO21AH3:09]	JF909148	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Mayotte:YT14B79:2005]	EACMKV-[KM:YT:YT14B79:05]	JF909172	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Mayotte:YT45B12:2008]	EACMKV-[KM:YT:YT45B12:08]	JF909186	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Mayotte:YT48B08:2008]	EACMKV-[KM:YT:YT48B08:08]	JF909187	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Mayotte:YT64B02:2008]	EACMKV-[KM:YT:YT64B02:08]	JF909197	
<i>East African cassava mosaic Kenya virus</i>	East African cassava mosaic Kenya virus - [Comoros:Mayotte:YT69B17:2008]	EACMKV-[KM:YT:YT69B17:08]	JF909199	
<i>East African cassava mosaic Malawi virus</i>	East African cassava mosaic Malawi virus - [Malawi:MH:1996]	EACMMV-[MW:MH:96]	AJ006459	
<b>East African cassava mosaic Malawi virus</b>	<b>East African cassava mosaic Malawi virus - [Malawi:K:1996]</b>	EACMMV-[MW:K:96]	AJ006460	
<i>East African cassava mosaic Malawi virus</i>	East African cassava mosaic Malawi virus - [Malawi:24N:07]	EACMMV-[MW:24N:07]	JX658683	
<i>East African cassava mosaic Malawi virus</i>	East African cassava mosaic Malawi virus - [Malawi:8S:07]	EACMMV-[MW:8S:07]	JX658685	JX658684
<i>East African cassava mosaic Malawi virus</i>	East African cassava mosaic Malawi virus - [Malawi:9S:07]	EACMMV-[MW:9S:07]	JX658686	
<i>East African cassava mosaic Malawi virus</i>	East African cassava mosaic Malawi virus - [Malawi:6S:07]	EACMMV-[MW:6S:07]	JX658688	
<i>East African cassava mosaic Malawi virus</i>	East African cassava mosaic Malawi virus - [Malawi:18S:07]	EACMMV-[MW:18S:07]	JX658693	
<i>East African cassava mosaic Malawi virus</i>	East African cassava mosaic Malawi virus - [Malawi:S4:07]	EACMMV-[MW:S4:07]	JX658694	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Cameroon [Cameroon:1998]	EACMV-CM[CM:98]	AF112354	AF112355



*East African cassava mosaic virus*

**East African cassava mosaic virus**

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

*East African cassava mosaic virus*

East African cassava mosaic virus - Uganda [Uganda:Mild2:1997]

**East African cassava mosaic virus - Uganda [Uganda:Severe 2:1997]**

East African cassava mosaic virus - Cameroon [Côte d'Ivoire:1998]

East African cassava mosaic virus - Kenya [Kenya:K2B:1996]

East African cassava mosaic virus - Uganda [Uganda:Kaberamaido:92:2001]

East African cassava mosaic virus - Uganda [Uganda:Nakasongola:1:2001]

East African cassava mosaic virus - Uganda [Uganda:Mpigi:50:2001]

East African cassava mosaic virus - Uganda [Uganda:Busia:108:2001]

East African cassava mosaic virus - Uganda [Kenya:Busia:K115:2002]

East African cassava mosaic virus - Uganda [Kenya:Funyula:K127:2002]

East African cassava mosaic virus - Uganda [Kenya:Sega:K137:2002]

East African cassava mosaic virus - Uganda [Kenya:Ugunja:K139:2002]

East African cassava mosaic virus - Uganda [Kenya:Sega:K136:2002]

East African cassava mosaic virus - Uganda [Kenya:Ugunja:K140:2002]

East African cassava mosaic virus - Uganda [Kenya:Migori:K262:2002]

East African cassava mosaic virus - Uganda [Kenya:Bungoma:K81:2002]

East African cassava mosaic virus - Uganda [Kenya:Mumias:K66:2002]

East African cassava mosaic virus - Uganda [Kenya:Bungoma:K78:2002]

East African cassava mosaic virus - Uganda [Kenya:Mumias:K67:2002]

East African cassava mosaic virus - Uganda [Kenya:Busia:K72:2002]

East African cassava mosaic virus - Uganda [Kenya:Malaba:K108:2002]

East African cassava mosaic virus - Uganda [Kenya:Bungoma:K79:2002]

East African cassava mosaic virus - Uganda [Kenya:Migori:K223:2002]

East African cassava mosaic virus - Uganda [Kenya:Busia:K90:2002]

East African cassava mosaic virus - Uganda [Kenya:Busia:K73:2002]

East African cassava mosaic virus - Uganda [Kenya:Wote:K277:2002]

East African cassava mosaic virus - Uganda [Kenya:Katumani:K23:2001]

East African cassava mosaic virus - Uganda [Kenya:Wote:K282:2002]

East African cassava mosaic virus - Kenya [Kenya:Kinyumbini:K53:2001]

East African cassava mosaic virus - Kenya [Kenya:Misakwakwani:K27:2001]

East African cassava mosaic virus - Kenya [Kenya:Misakwakwani:K25:2001]

East African cassava mosaic virus - Kenya [Kenya:Boa:K49:2001]

East African cassava mosaic virus - Kenya [Kenya:Mamba:K208:2002]

East African cassava mosaic virus - Kenya [Kenya:Msambweni:K201:2002]

East African cassava mosaic virus - Kenya [Kenya:Boa:K48:2001]

East African cassava mosaic virus - Kenya [Kenya:Msabaha-Kari:K16:2001]

East African cassava mosaic virus - Kenya [Kenya:Perani:K41:2001]

East African cassava mosaic virus - Kenya [Kenya:Mwezangombe:K9:2001]

East African cassava mosaic virus - Kenya [Kenya:Sharian:K6:2001]

East African cassava mosaic virus - Kenya [Kenya:Migwani:K312:2002]

East African cassava mosaic virus - Kenya [Kenya:Kitui:K325:2002]

East African cassava mosaic virus - Kenya [Kenya:Migwani:K313:2002]

East African cassava mosaic virus - Kenya [Kenya:Migwani:K315:2002]

East African cassava mosaic virus - Kenya [Kenya:Kibaoni:K29:2001]

East African cassava mosaic virus - Kenya [Kenya:Shirachi:K35:2001]

East African cassava mosaic virus - Kenya [Kenya:Shirachi:K33:2001]

East African cassava mosaic virus - Kenya [Kenya:Boundary:K36:2001]

East African cassava mosaic virus - Kenya [Kenya:Msambweni:K197:2002]

East African cassava mosaic virus - Kenya [Kenya:Kitui:K322:2002]

EACMV-UG[UG:Mld2:97]

EACMV-UG[UG:Svr2:97]

EACMV-CM[Ci:98]

EACMV-KE[KE:K2B:96]

EACMV-UG[UG:Kab:92:01]

EACMV-UG[UG:Nak1:01]

EACMV-UG[UG:Mpi:50:01]

EACMV-UG[UG:Bus:108:01]

EACMV-UG[KE:Bus:K115:02]

EACMV-UG[KE:Fun:K127:02]

EACMV-UG[KE:Seg:K137:02]

EACMV-UG[KE:Ugu:K139:02]

EACMV-UG[KE:Seg:K136:02]

EACMV-UG[KE:Ugu:K140:02]

EACMV-UG[KE:Mig:K262:02]

EACMV-UG[KE:Bun:K81:02]

EACMV-UG[KE:Mum:K66:02]

EACMV-UG[KE:Bun:K78:02]

EACMV-UG[KE:Mum:K67:02]

EACMV-UG[KE:Bus:K72:02]

EACMV-UG[KE:Mal:K108:02]

EACMV-UG[KE:Bun:K79:02]

EACMV-UG[KE:Mig:K223:02]

EACMV-UG[KE:Bus:K90:02]

EACMV-UG[KE:Bus:K73:02]

EACMV-UG[KE:Wot:K277:02]

EACMV-UG[KE:Kat:K23:01]

EACMV-UG[KE:Wot:K282:02]

EACMV-KE[KE:Kin:K53:01]

EACMV-KE[KE:Mis:K27:01]

EACMV-KE[KE:Mis:K25:01]

EACMV-KE[KE:Boa:K49:01]

EACMV-KE[KE:Mam:K208:02]

EACMV-KE[KE:Msa:K201:02]

EACMV-KE[KE:Boa:K48:01]

EACMV-KE[KE:MsK:K16:01]

EACMV-KE[KE:Per:K41:01]

EACMV-KE[KE:Mwe:K9:01]

EACMV-KE[KE:Sha:K6:01]

EACMV-KE[KE:Mig:K312:02]

EACMV-KE[KE:Kit:K325:02]

EACMV-KE[KE:Mig:K313:02]

EACMV-KE[KE:Mig:K315:02]

EACMV-KE[KE:Kib:K29:01]

EACMV-KE[KE:Shi:K35:01]

EACMV-KE[KE:Shi:K33:01]

EACMV-KE[KE:Bou:K36:01]

EACMV-KE[KE:Msa:K197:02]

EACMV-KE[KE:Kit:K322:02]

AF126804

AF126806

AF259896

AJ006458

AJ618956

AJ618957

AJ618958

AJ618959

AJ717516

AJ717517

AJ717518

AJ717519

AJ717520

AJ717521

AJ717522

AJ717523

AJ717524

AJ717525

AJ717526

AJ717527

AJ717528

AJ717529

AJ717530

AJ717531

AJ717532

AJ717533

AJ717534

AJ717535

AJ717536

AJ717537

AJ717538

AJ717539

AJ717540

AJ717541

AJ717542

AJ717543

AJ717544

AJ717545

AJ717546

AJ717547

AJ717548

AJ717549

AJ717550

AJ717551

AJ717552

AJ717553

AJ717554

AJ717555

AJ717556

AF126807

AF259897

AM502344

AJ704963

AJ704964

AJ704957

AJ704955

AJ704959

AJ704954

AJ704974

AJ704958

AJ704956

AJ704962

AJ704960

AJ704961

AJ704951

AJ704950

AJ704952

AJ704953

AJ704949

AJ704937

AJ704939

AJ704934

AJ704973

<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Kenya:Katumani:K24:2001]	EACMV-KE[KE:Kat:K24:01]	AJ717557	AJ704936
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Kenya:Migori:K268:2002]	EACMV-KE[KE:Mig:K268:02]	AJ717558	AJ704938
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Cameroon [Nigeria:Kano]	EACMV-CM[NG:Kan]	AJ867444	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Arua:177:2001]	EACMV-UG[UG:Aru:177:01]	AM502326	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Arua:175:2001]	EACMV-UG[UG:Aru:175:01]	AM502327	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Iganga:441:2001]	EACMV-UG[UG:Iga:441:01]	AM502328	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Kalangala:233:2001]	EACMV-UG[UG:Kal:233:01]	AM502329	AM502341
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Kalangala:237:2001]	EACMV-UG[UG:Kal:237:01]	AM502330	AM502342
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Wakiso:115:2001]	EACMV-UG[UG:Wak:115:01]	AM502331	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Wakiso:128:2001]	EACMV-UG[UG:Wak:128:01]	AM502332	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Rakai 3:2001]	EACMV-UG[UG:Rak3:01]	AM502333	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Rakai 6:2001]	EACMV-UG[UG:Rak6:01]	AM502334	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Wakiso 1:2001]	EACMV-UG[UG:Wak:1:01]	AM502335	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Wakiso 2:2001]	EACMV-UG[UG:Wak:2:01]	AM502336	AM502343
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Busheyeni:289:2001]	EACMV-UG[UG:Bus:289:01]	AM502337	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Cameroon [Cameroon:KO:1998]	EACMV-CM[CM:KO:98]	AY211887	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Tanzania [Tanzania:1:2001]	EACMV-TZ[TZ:1:01]	AY795983	AY795989
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Tanzania [Tanzania:7:2001]	EACMV-TZ[TZ:7:01]	AY795984	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Tanzania:T]	EACMV-KE[TZ:T]	AY795985	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Tanzania:M]	EACMV-KE[TZ:M]	AY795986	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Tanzania [Tanzania:YV]	EACMV-TZ[TZ:YV]	AY795987	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Tanzania:10]	EACMV-UG[TZ10]	AY795988	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Cameroon [Nigeria:Glaziovii:2003]	EACMV-CM[NG:Mg:03]	EU685319	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Cameroon [Nigeria:Leucaena:2006]	EACMV-CM[NG:Ll:06]	EU685321	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Cameroon [Nigeria:Senna:2003]	EACMV-CM[NG:So:03]	EU685323	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Cameroon [Nigeria:Ibadan:2006]	EACMV-CM[NG:Iba:06]	EU685326	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Burkina Faso:Koubri:2008]	EACMV-UG[BF:Kou:08]	FM877474	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Zaire:Yangambi 1:Pueraria:2008]	EACMV-UG[ZR:Yan1:Pue:08]	FN435278	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Zaire:Yangambi 2:Pueraria:2008]	EACMV-UG[ZR:Yan2:Pue:08]	FN435279	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Zaire:Yangambi 1:Centrosema:2008]	EACMV-UG[ZR:Yan1:Cen:08]	FN435280	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Zaire:Yangambi 2:Centrosema:2008]	EACMV-UG[ZR:Yan2:Cen:08]	FN435281	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Kenya:Kakamega:Ca055:2000]	EACMV-UG[KE:Kak:Ca055:00]	FN668377	FN668380
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Central African Republic:Ippy:CF36:2007]	EACMV-UG[CF:Ippy:CF36:07]	HE814063	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Chad:Ndokono:TD1:2008]	EACMV-UG[TD:Ndokono:TD1:08]	HE814064	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Namulonge:CMD-MI12:2012]	EACMV-UG[UG:Nam:CMD-MI12:12]	HE979769	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Namulonge:CMD-MI40:2012]	EACMV-UG[UG:Nam:CMD-MI40:12]	HE979770	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Namulonge:CMD-MI48:2012]	EACMV-UG[UG:Nam:CMD-MI48:12]	HE979771	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Namulonge:CMD-MI53:2012]	EACMV-UG[UG:Nam:CMD-MI53:12]	HE979772	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Namulonge:CMD-MI54:2012]	EACMV-UG[UG:Nam:CMD-MI54:12]	HE979773	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Namulonge:CMD-MI62:2012]	EACMV-UG[UG:Nam:CMD-MI62:12]	HE979774	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Namulonge:CMD-MI63:2012]	EACMV-UG[UG:Nam:CMD-MI63:12]	HE979775	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Anjouan:AJ01B07:2004]	EACMV-KE[KM:Anj:AJ01B07:04]	JF909063	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Anjouan:AJ02B00:2004]	EACMV-KE[KM:Anj:AJ02B00:04]	JF909064	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Anjouan:AJ02B37:2004]	EACMV-KE[KM:Anj:AJ02B37:04]	JF909065	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Anjouan:AJ03B00:2004]	EACMV-KE[KM:Anj:AJ03B00:04]	JF909066	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Anjouan:AJ03B11:2004]	EACMV-KE[KM:Anj:AJ03B11:04]	JF909067	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Anjouan:AJ04B16:2004]	EACMV-KE[KM:Anj:AJ04B16:04]	JF909068	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Anjouan:AJ06B21:2004]	EACMV-KE[KM:Anj:AJ06B21:04]	JF909069	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Anjouan:AJ07B00:2004]	EACMV-KE[KM:Anj:AJ07B00:04]	JF909070	

<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Anjouan:AJ07B26:2003]	EACMV-KE[KM:Anj:AJ07B26:03]	JF909071
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Anjouan:AJ10B00:2005]	EACMV-KE[KM:Anj:AJ10B00:05]	JF909072
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Anjouan:AJ18BW3:2009]	EACMV-KE[KM:Anj:AJ18BW3:09]	JF909073
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Anjouan:AJ21AL3:2009]	EACMV-KE[KM:Anj:AJ21AL3:09]	JF909074
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Anjouan:AJ26BP1:2009]	EACMV-KE[KM:Anj:AJ26BP1:09]	JF909075
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Anjouan:AJ29BE2:2009]	EACMV-KE[KM:Anj:AJ29BE2:09]	JF909076
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Anjouan:AJ32BT2:2009]	EACMV-KE[KM:Anj:AJ32BT2:09]	JF909077
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Grande-Comore:GC05B25:2008]	EACMV-KE[KM:GC:GC05B25:08]	JF909082
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Grande-Comore:GC09B29:2008]	EACMV-KE[KM:GC:GC09B29:08]	JF909084
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Grande-Comore:GC12B61:2008]	EACMV-KE[KM:GC:GC12B61:08]	JF909090
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Grande-Comore:GC14E06:2008]	EACMV-KE[KM:GC:GC14E06:08]	JF909092
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Cameroon [Comoros:Grande-Comore:GC15E11:2008]	EACMV-CM[KM:GC:GC15E11:08]	JF909094
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Grande-Comore:GC18B00:2005]	EACMV-KE[KM:GC:GC18B00:05]	JF909096
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Grande-Comore:GC20B00:2004]	EACMV-KE[KM:GC:GC20B00:04]	JF909097
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Grande-Comore:GC22AY2:2004]	EACMV-KE[KM:GC:GC22AY2:04]	JF909099
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Grande-Comore:GC30BP1:2009]	EACMV-KE[KM:GC:GC30BP1:09]	JF909106
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Grande-Comore:GC32AF2:2009]	EACMV-KE[KM:GC:GC32AF2:09]	JF909110
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Grande-Comore:GC32BY1:2010]	EACMV-KE[KM:GC:GC32BY1:10]	JF909111
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Grande-Comore:GC36B12:2009]	EACMV-KE[KM:GC:GC36B12:09]	JF909115
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Cameroon [Comoros:Grande-Comore:GC41A13:2009]	EACMV-CM[KM:GC:GC41A13:09]	JF909117
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Grande-Comore:GC43AO3:2009]	EACMV-KE[KM:GC:GC43AO3:09]	JF909118
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Grande-Comore:GC45A11:2009]	EACMV-KE[KM:GC:GC45A11:09]	JF909119
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Grande-Comore:GC47AX3:2009]	EACMV-KE[KM:GC:GC47AX3:09]	JF909120
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Grande-Comore:GC47BZ2:2009]	EACMV-KE[KM:GC:GC47BZ2:09]	JF909121
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Maheli:MO09AR2:2009]	EACMV-KE[KM:Moh:MO09AR2:09]	JF909131
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Maheli:MO10BN3:2009]	EACMV-KE[KM:Moh:MO10BN3:09]	JF909133
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Maheli:MO15AZ1:2009]	EACMV-KE[KM:Moh:MO15AZ1:09]	JF909139
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Maheli:MO29AN3:2009]	EACMV-KE[KM:Moh:MO29AN3:09]	JF909149
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Maheli:MO30BY1:2009]	EACMV-KE[KM:Moh:MO30BY1:09]	JF909150
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Seychelles:Mahe:SC01B01:2006]	EACMV-KE[SC:Mahe:SC01B01:06]	JF909151
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Seychelles:Mahe:SC02B07:2006]	EACMV-KE[SC:Mahe:SC02B07:06]	JF909152
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Seychelles:La Digue:SC03AK1:2009]	EACMV-KE[SC:LD:SC03AK1:09]	JF909153
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Seychelles:La Digue:SC08AX1:2004]	EACMV-KE[SC:LD:SC08AX1:04]	JF909154
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Seychelles:Mahe:SC10AS1:2004]	EACMV-KE[SC:Mahe:SC10AS1:04]	JF909155
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Seychelles:Mahe:SC12B01:2004]	EACMV-KE[SC:Mahe:SC12B01:04]	JF909156
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Seychelles:La Digue:SC15B16:2004]	EACMV-KE[SC:LD:SC15B16:04]	JF909157
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Seychelles:Mahe:SC16B00:2005]	EACMV-KE[SC:Mahe:SC16B00:05]	JF909158
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Seychelles:Mahe:SC16B20:2005]	EACMV-KE[SC:Mahe:SC16B20:05]	JF909159
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Seychelles:Mahe:SC17B31:2005]	EACMV-KE[SC:Mahe:SC17B31:05]	JF909160
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Seychelles:Mahe:SC18B32:2005]	EACMV-KE[SC:Mahe:SC18B32:05]	JF909161
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Seychelles:Praslin:SC22B15:2009]	EACMV-KE[SC:Pra:SC22B15:09]	JF909162
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Mayotte:YT03B38:2005]	EACMV-KE[KM:YT:YT03B38:05]	JF909163
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Mayotte:YT03E63:2005]	EACMV-KE[KM:YT:YT03E63:05]	JF909164
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Mayotte:YT04B41:2005]	EACMV-KE[KM:YT:YT04B41:05]	JF909165
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Mayotte:YT04E67:2005]	EACMV-KE[KM:YT:YT04E67:05]	JF909166
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Mayotte:YT07B51:2005]	EACMV-KE[KM:YT:YT07B51:05]	JF909167
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Mayotte:YT09B65:2005]	EACMV-KE[KM:YT:YT09B65:05]	JF909168
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Mayotte:YT10B67:2005]	EACMV-KE[KM:YT:YT10B67:05]	JF909169
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Comoros:Mayotte:YT11B71:2005]	EACMV-KE[KM:YT:YT11B71:05]	JF909170



<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Kenya:Severe2:B2C5:2009]	EACMV-UG[KE:Svr2:B2C5:09]	JN053457	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Kenya:Severe2:S4C6:2009]	EACMV-UG[KE:Svr2:S4C6:09]	JN053458	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Kenya:Severe2:B3C2:2009]	EACMV-UG[KE:Svr2:B3C2:09]	JN053459	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Cameroon [Ghana:2008]	EACMV-CM[GH:08]	JN165089	JN165087
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Angola:AO7:2009]	EACMV-[AO:AO7:09]	JN941177	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - [Malawi:8N:2007]	EACMV-[MW:8N:07]	JX473582	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - [Malawi:21N:2007]	EACMV-[MW:21N:07]	JX658687	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - [Malawi:27N:2007]	EACMV-[MW:27N:07]	JX658689	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - [Malawi:24N1:2007]	EACMV-[MW:24N1:07]	JX658690	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - [Malawi:26N:2007]	EACMV-[MW:26N:07]	JX658692	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - [Malawi:4N:2007]	EACMV-[MA:4N:07]	JX679247	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - [Congo:2012]	EACMV-[CD:12]	JX910240	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Kenya [Tanzania:Dar Es Salaam:1996]	EACMV-KE[TZ:Dar:96]	Z83256	
<i>East African cassava mosaic virus</i>	East African cassava mosaic virus - Uganda [Uganda:Otuboi:1996]	EACMV-UG[UG:Otu:96]	Z83257	
<b>East African cassava mosaic Zanzibar virus</b>	<b>East African cassava mosaic Zanzibar virus - [Tanzania:Uguja:1998]</b>	EACMV-UG[UG:Otu:96]	Z83257	
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Kilifi:1999]	EACMV-[TZ:Ugu:98]	AF422174	AF422175
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Kilifi:1999]	EACMV-[KE:Kil:99]	AJ516003	AJ628732
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Kilifi:1999]	EACMV-[KE:Kil:99]	AJ516003	AJ628732
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Vipingo:K5:2001]	EACMV-[KE:Vip:K5:01]	AJ717559	
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Kwakadzengo:K3:2001]	EACMV-[KE:Kwa:K3:01]	AJ717560	AJ704944
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Malindi:K12:2001]	EACMV-[KE:Mal:K12:01]	AJ717561	
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Malindi:K12:2001]	EACMV-[KE:Mal:K12:01]	AJ717561	
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Felunzi:K19:2001]	EACMV-[KE:Fel:K19:01]	AJ717562	AJ704942
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Felunzi:K19:2001]	EACMV-[KE:Fel:K19:01]	AJ717562	AJ704942
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Kibwezi:K270:2002]	EACMV-[KE:Kib:K270:02]	AJ717563	AJ704947
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Kibwezi:K270:2002]	EACMV-[KE:Kib:K270:02]	AJ717563	AJ704947
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Kibwezi:K275:2002]	EACMV-[KE:Kib:K275:02]	AJ717564	AJ704948
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Kibwezi:K275:2002]	EACMV-[KE:Kib:K275:02]	AJ717564	AJ704948
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Kibwezi:K272:2002]	EACMV-[KE:Kib:K272:02]	AJ717565	AJ704945
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Kibwezi:K272:2002]	EACMV-[KE:Kib:K272:02]	AJ717565	AJ704945
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Kasumalini:K18:2001]	EACMV-[KE:Kas:K18:01]	AJ717566	AJ704940
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Kasumalini:K18:2001]	EACMV-[KE:Kas:K18:01]	AJ717566	AJ704940
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Kwamugomba:K10:2001]	EACMV-[KE:Kwa:K10:01]	AJ717567	AJ704943
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Kwamugomba:K10:2001]	EACMV-[KE:Kwa:K10:01]	AJ717567	AJ704943
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Msambweni:K212:2002]	EACMV-[KE:Msa:K212:02]	AJ717568	AJ704941
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Msambweni:K212:2002]	EACMV-[KE:Msa:K212:02]	AJ717568	AJ704941
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Machakos:K337:2002]	EACMV-[KE:Mac:K337:02]	AJ717583	AJ704946
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Kenya:Machakos:K337:2002]	EACMV-[KE:Mac:K337:02]	AJ717583	AJ704946
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Oman:A'Seeb:SB1:2011]	EACMV-[OM:AS:SB1:11]	HE806427	
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Oman:A'Seeb:SB1:2011]	EACMV-[OM:AS:SB1:11]	HE806427	
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Oman:A'Seeb:SB2:2011]	EACMV-[OM:AS:SB2:11]	HE806428	
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Oman:A'Seeb:SB2:2011]	EACMV-[OM:AS:SB2:11]	HE806428	
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Malawi:25N2:07]	EACMV-[MA:25N2:07]	JX658691	
<i>East African cassava mosaic Zanzibar virus</i>	East African cassava mosaic Zanzibar virus - [Malawi:25N2:07]	EACMV-[MA:25N2:07]	JX658691	
<b>Emilia yellow vein virus</b>	<b>Emilia yellow vein virus - [China:Fuzhou 1:2007]</b>	EYVV-[CN:Fz1:07]	EU377539	
<i>Emilia yellow vein virus</i>	Emilia yellow vein virus - [China:Fz12:2008]	EYVV-[CN:Fz12:08]	JQ247188	
<i>Emilia yellow vein virus</i>	Emilia yellow vein virus - [China:Fz12:2008]	EYVV-[CN:Fz12:08]	JQ247188	
<i>Emilia yellow vein virus</i>	Emilia yellow vein virus - [Vietnam:2012]	EYVV-[VN:12]	KC878472	
<b>Erectites yellow mosaic virus</b>	<b>Erectites yellow mosaic virus - [Vietnam:Hoabinh:2005]</b>	ErYMV-[VN:Hoabinh:05]	DQ641698	
<b>Eupatorium yellow vein virus</b>	<b>Eupatorium yellow vein virus - A [Japan:Kumamoto]</b>	EpYVV-A[JR:Kum]	AB007990	
<i>Eupatorium yellow vein virus</i>	Eupatorium yellow vein virus - C [Japan:Yamaguchi]	EpYVV-C[JR:Yam]	AB079766	
<i>Eupatorium yellow vein virus</i>	Eupatorium yellow vein virus - C [Japan:Yamaguchi]	EpYVV-C[JR:Yam]	AB079766	
<i>Eupatorium yellow vein virus</i>	Eupatorium yellow vein virus - D [Japan:Suya:2007]	EpYVV-D[JR:Suy:07]	AB300463	
<i>Eupatorium yellow vein virus</i>	Eupatorium yellow vein virus - D [Japan:Suya:2007]	EpYVV-D[JR:Suy:07]	AB300463	
<i>Eupatorium yellow vein virus</i>	Eupatorium yellow vein virus - E [Japan:Kagawa:Tomato:1997]	EpYVV-E[JR:Kag:97]	AB433979	
<i>Eupatorium yellow vein virus</i>	Eupatorium yellow vein virus - E [Japan:Kagawa:Tomato:1997]	EpYVV-E[JR:Kag:97]	AB433979	
<i>Eupatorium yellow vein virus</i>	Eupatorium yellow vein virus - B [Japan:MNS2:2000]	EpYVV-B[JR:MNS2:00]	AJ438936	
<i>Eupatorium yellow vein virus</i>	Eupatorium yellow vein virus - B [Japan:MNS2:2000]	EpYVV-B[JR:MNS2:00]	AJ438936	
<i>Eupatorium yellow vein virus</i>	Eupatorium yellow vein virus - [Japan:SOJ3:2000]	EpYVV-[JR:SOJ3:00]	AJ438937	
<b>Euphorbia leaf curl Guangxi virus</b>	<b>Euphorbia leaf curl Guangxi virus - A [China:Guangxi 35-1:2002]</b>	EuLGGxV-A[CN:Gx35-1:02]	AM411424	
<b>Euphorbia leaf curl virus</b>	<b>Euphorbia leaf curl virus - [China:Guangxi 35:2002]</b>	EuLCuV-[CN:Gx35:02]	AJ558121	
<i>Euphorbia leaf curl virus</i>	Euphorbia leaf curl virus - [China:Fujian:2006]	EuLCuV-[CN:Fuj:06]	FJ487911	
<i>Euphorbia leaf curl virus</i>	Euphorbia leaf curl virus - [Taiwan:PF1:2011]	EuLCuV-[TW:PF1:11]	KC161185	
<i>Euphorbia leaf curl virus</i>	Euphorbia leaf curl virus - [Taiwan:PF1:2011]	EuLCuV-[TW:PF1:11]	KC161185	
<i>Euphorbia leaf curl virus</i>	Euphorbia leaf curl virus - [China:Shandong Qingzhou:2012]	EuLCuV-[CN:Sd Qz:12]	KC852148	
<i>Euphorbia leaf curl virus</i>	Euphorbia leaf curl virus - [China:Shandong Qingzhou:2012]	EuLCuV-[CN:Sd Qz:12]	KC852148	
<i>Euphorbia mosaic virus</i>	Euphorbia mosaic virus - [Puerto Rico:Jurabo:1991]	EuMV-[PR:Jur:91]	AF068642	
<b>Euphorbia mosaic virus</b>	<b>Euphorbia mosaic virus - [Mexico:Yucatan:2004]</b>	EuMV-[MX:Yuc:04]	DQ318937	DQ318938
<i>Euphorbia mosaic virus</i>	Euphorbia mosaic virus - [Mexico:Yucatan:2004]	EuMV-[MX:Yuc:04]	DQ318937	DQ318938
<i>Euphorbia mosaic virus</i>	Euphorbia mosaic virus - [Jamaica:Wissadula:2005]	EuMV-[JM:Wis:05]	DQ395342	EU740969
<i>Euphorbia mosaic virus</i>	Euphorbia mosaic virus - [Jamaica:Wissadula:2005]	EuMV-[JM:Wis:05]	DQ395342	EU740969
<i>Euphorbia mosaic virus</i>	Euphorbia mosaic virus - [Mexico:Jalisco:Pepper:2005]	EuMV-[MX:Jal:Pep:05]	DQ520942	HQ185235
<i>Euphorbia mosaic virus</i>	Euphorbia mosaic virus - [Mexico:Jalisco:Pepper:2005]	EuMV-[MX:Jal:Pep:05]	DQ520942	HQ185235

<i>Euphorbia mosaic virus</i>	Euphorbia mosaic virus - [Jamaica:Wissadula:2004]	EuMV-[JM:Wis:04]	FJ407052	
<i>Euphorbia mosaic virus</i>	Euphorbia mosaic virus - [Cuba:Tobacco:2007]	EuMV-[CU:Tb:07]	FJ807782	FJ807783
<i>Euphorbia mosaic virus</i>	Euphorbia mosaic virus - [Cuba:Havana 27:2007]	EuMV-[Cu:Hav27:07]	HQ896201	HQ896202
<i>Euphorbia mosaic virus</i>	Euphorbia mosaic virus - [USA:Florida:Eu4:2011]	EuMV-[USA:Flo:Eu4:11]	JQ963887	JQ963888
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - [Peru:Machu Pichu:2007]	EuMPV-[PE:MP:07]	AM886131	
<b><i>Euphorbia yellow mosaic virus</i></b>	<b>Euphorbia yellow mosaic virus - [Brazil:2008]</b>	EuMV-[BZ:08]	FJ619507	FJ619508
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - [Brazil:Mato Grosso do sul 1:2007]	EuMV-[BR:MG1:07]	FN435995	FN435996
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - [Brazil:Mato Grosso do sul 2:2007]	EuMV-[BR:MG2:07]	FN435997	FN435998
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - Goias [Brazil:Planaltina, Distrito Federal:AB5818:2007]	EuYMV-GO [BR:DF:Pla:AB5818:07]	JF756669	
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - Goias [Brazil:DF:Taquara:ABA3:2002]	EuYMV-GO [BR:DF:Taq:ABA3:02]	JF756670	
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - Goias [Brazil:GO:Itaberai:5082A:2007]	EuYMV-GO [BR:GO:Ita:5082A:07]	JF756671	
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - Goias [Brazil:GO:Sao Miguel doPassa Quatro AB403:2002]	EuMYV-GO [BR:DF:SMPQ AB403:02]	JF756672	
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - Goias [Brazil:DF:Taquara 8880:2009]	EuYMV-GO [BR:DF:Taq 8880:09]	JF756673	
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - Goias [Brazil:GO:Morrinhos9027:2009]	EuYMV-GO [BR:GO:Mor9027:09]	JF756674	
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - Goias [Brazil:GO:Sao Miguel do Passa Quatro AB404:2002]	EuYMV-GO [BR:GO:SMPQ AB404:02]	JF756675	
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - Goias [Brazil:GO:Luziania 8675:2009]	EuYMV-GO [BR:GO:Luz 8675:09]	JF756676	
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - [Brazil:Car2:2009]	EuYMV-[BR:Car2:09]	JN419000	JN419001
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - [Brazil:Goias:Luziania 768a:2003]	EuYMV-GO [BR:GO:Luz 768a:03]	JX415184	
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - [Brazil:Goias:Luziania768b:2003]	EuYMV-[BR:GO:Luz768b:03]	JX415185	
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - [Brazil:Goias:Luziania768c:2003]	EuYMV-[BR:GO:Luz768c:03]	JX415186	
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - [Brazil:Goias:Acreuna 3539:2005]	EuYMV-[BR:GO:Acr3539:05]	JX415189	
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - [Brazil:768Crotalaria juncea3b:2008]	EuYMV-[BR:768Cro3b:08]	JX415191	
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - [Brazil:768Tom8a:2008]	EuYMV-[BR:768Tom8a:08]	JX415192	
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - [Brazil:3539AB1:09]	EuYMV-[BR:3539AB1:09]	JX415200	
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - [Brazil:Vic9:2010]	EuYMV-[BR:Vic9:10]	JX871379	
<i>Euphorbia yellow mosaic virus</i>	Euphorbia yellow mosaic virus - [Brazil:Flo166:2008]	EuYMV-[BR:Flo166:08]	KC706530	
<b><i>French bean leaf curl virus</i></b>	<b>French bean leaf curl virus - [India:Kanpur:2011]</b>	FbLCV-[IN:Kan:11]	JQ866297	
<b><i>Hedyotis uncinella yellow mosaic virus</i></b>	<b>Hedyotis uncinella yellow mosaic virus - [Vietnam:VN1]</b>	HeuYMV-[VN:VN1]	KF429251	
<b><i>Hemidesmus yellow mosaic virus</i></b>	<b>Hemidesmus yellow mosaic virus - [India:Tirupati:H1:2012]</b>	HemYMV-[IN:Tir:H1:12]	KC898543	
<i>Hemidesmus yellow mosaic virus</i>	Hemidesmus yellow mosaic virus - [India:Tirupati:J1:2012]	HemYMV-[IN:Tir:J1:12]	KC898544	
<b><i>Hollyhock leaf curl virus</i></b>	<b>Hollyhock leaf curl virus - [Pakistan:Faisalabad:20-4:06]</b>	HoLCV-[PK:Fai:20-4:06]	FR772082	
<i>Hollyhock leaf curl virus</i>	Hollyhock leaf curl virus - [Pakistan:Faisalabad:2006]	HoLCV-[PK:Fai:06]	GQ478343	
<i>Hollyhock leaf curl virus</i>	Hollyhock leaf curl virus - [India:Lucknow:Andrographis paniculata:CSIR-CIMAP-A24:2010]	HoLCV-[IN:Luc:10]	KC476655	
<i>Honeysuckle yellow vein virus</i>	Honeysuckle yellow vein virus - B [Japan]	HYVV-B[JR]	AB020781	
<i>Honeysuckle yellow vein virus</i>	Honeysuckle yellow vein virus - Japan [Japan:Nara:1998]	HYVV-JR[JR:Nar:98]	AB028604	
<i>Honeysuckle yellow vein virus</i>	Honeysuckle yellow vein virus - Japan [Japan:Nara:Tomato 2:2000]	HYVV-JR[JR:Nar:Tom2:00]	AB055008	
<i>Honeysuckle yellow vein virus</i>	Honeysuckle yellow vein virus - Kochi [Japan:Kochi:Tomato:2000]	HYVV-Koc[JR:Koc:Tom:00]	AB055009	
<i>Honeysuckle yellow vein virus</i>	Honeysuckle yellow vein virus - Nara [Japan:Nara3:2001]	HYVV-Nar[JR:Nar3:01]	AB079689	
<i>Honeysuckle yellow vein virus</i>	Honeysuckle yellow vein virus - C [Japan:Yamaguchi]	HYVV-C[JR:Yam]	AB079765	
<i>Honeysuckle yellow vein virus</i>	Honeysuckle yellow vein virus - A [Japan:Fukuoka 1]	HYVV-A[JR:Fuk1]	AB178945	
<i>Honeysuckle yellow vein virus</i>	Honeysuckle yellow vein virus - Kobe [Japan:Hyogo 12:2000]	HYVV-Kob[JR:Hyo12:00]	AB178946	
<i>Honeysuckle yellow vein virus</i>	Honeysuckle yellow vein virus - A [Japan:Oita 1]	HYVV-A[JR:Oit1]	AB178947	
<i>Honeysuckle yellow vein virus</i>	Honeysuckle yellow vein virus - A [Japan:Oita 2]	HYVV-A[JR:Oit2]	AB178948	
<i>Honeysuckle yellow vein virus</i>	Honeysuckle yellow vein virus - A [Japan:Kagoshima 5:Tobacco]	HYVV-A[JR:Kag5:Tob]	AB178949	
<i>Honeysuckle yellow vein virus</i>	Honeysuckle yellow vein virus - Japan [Japan:Sapporo 1:2000]	HYVV-JR[JR:SP1:00]	AB182261	
<i>Honeysuckle yellow vein virus</i>	Honeysuckle yellow vein virus - UK [Japan:Fukui:2006]	HYVV-UK[JR:Fuk:06]	AB236321	
<i>Honeysuckle yellow vein virus</i>	Honeysuckle yellow vein virus - B [Japan:Miyazaki:2006]	HYVKgV-B[JR:Miy:06]	AB236323	
<i>Honeysuckle yellow vein virus</i>	Honeysuckle yellow vein virus - Mas [Japan:Masuda:2006]	HYVV-Mas[JR:Mas:06]	AB236325	
<i>Honeysuckle yellow vein virus</i>	Honeysuckle yellow vein virus - Ibaraki [Japan:Ibaraki:Honeysucke:2006]	HYVV-Iba[JR:Iba:06]	AB287439	

*Honeysuckle yellow vein virus*  
*Honeysuckle yellow vein virus*  
*Honeysuckle yellow vein virus*  
***Honeysuckle yellow vein virus***  
*Honeysuckle yellow vein virus*  
*Honeysuckle yellow vein virus*  
*Honeysuckle yellow vein virus*  
*Honeysuckle yellow vein virus*  
*Honeysuckle yellow vein virus*  
*Honeysuckle yellow vein virus*  
*Honeysuckle yellow vein virus*  
*Honeysuckle yellow vein virus*  
*Honeysuckle yellow vein virus*  
*Honeysuckle yellow vein virus*  
*Honeysuckle yellow vein virus*  
***Horsegram yellow mosaic virus***

*Horsegram yellow mosaic virus*  
*Horsegram yellow mosaic virus*  
*Horsegram yellow mosaic virus*  
*Horsegram yellow mosaic virus*  
*Horsegram yellow mosaic virus*  
*Indian cassava mosaic virus*  
*Indian cassava mosaic virus*  
*Indian cassava mosaic virus*  
*Indian cassava mosaic virus*  
*Indian cassava mosaic virus*  
*Indian cassava mosaic virus*  
*Indian cassava mosaic virus*

***Indian cassava mosaic virus***  
***Jacquemontia mosaic Yucatan virus***  
***Jatropha leaf curl virus***

*Jatropha leaf curl virus*  
*Jatropha leaf curl virus*  
*Jatropha leaf curl virus*  
*Jatropha leaf curl virus*

***Jatropha mosaic India virus***

*Jatropha mosaic India virus*  
*Jatropha mosaic India virus*

***Jatropha mosaic Nigeria virus***

*Jatropha mosaic Nigeria virus*  
*Jatropha mosaic Nigeria virus*

***Jatropha mosaic virus***

*Jatropha mosaic virus*  
*Jatropha mosaic virus*

***Jatropha yellow mosaic virus***

***Kudzu mosaic virus***

*Kudzu mosaic virus*  
*Kudzu mosaic virus*

*Lindernia anagallis yellow vein virus*

Honeysuckle yellow vein virus - E [Japan:Nara 1:2006]  
Honeysuckle yellow vein virus - D [Japan:Nara 2:2006]  
Honeysuckle yellow vein virus - UK [UK:Norfolk:1999]  
**Honeysuckle yellow vein virus - UK [UK:Norwich 1:1999]**  
Honeysuckle yellow vein virus - UK [UK:Norwich 2:1999]  
Honeysuckle yellow vein virus - Ibaraki [Japan:Utsunomiya:Lonicera:2006]  
Honeysuckle yellow vein virus - South Korea 1 [South Korea:2007]  
Honeysuckle yellow vein virus - UK [New Zealand:2008]  
Honeysuckle yellow vein virus - UK [South Korea:Daegu:2005]  
Honeysuckle yellow vein virus - South Korea 2 [South Korea:IS4:Tomato:2008]  
Honeysuckle yellow vein virus - Jeju [South Korea:Jeju 138:Tomato:2008]  
Honeysuckle yellow vein virus - South Korea 2 [South Korea:KJ:Tomato:2007]  
Honeysuckle yellow vein virus - South Korea 1 [South Korea:SC2:Tomato:2007]  
Honeysuckle yellow vein virus - [South Korea:Dangjin:2009]  
Honeysuckle yellow vein virus - [Australia:Ayr:BRIP57501:1983]

**Horsegram yellow mosaic virus - [India:Coimbatore]**

Horsegram yellow mosaic virus - [India:Bangalore:French bean:2004]  
Horsegram yellow mosaic virus - [India:Bangalore:2004]  
Horsegram yellow mosaic virus - [India:Bangalore:Lima bean:2004]  
Horsegram yellow mosaic virus - [Sri Lanka:Phaseolus vulgaris:2009]  
Horsegram yellow mosaic virus - [India:Bangalore:French Bean:2011]  
Indian cassava mosaic virus - India [India:Maharashtra:1988]  
Indian cassava mosaic virus - Kerala [India:Kerala 2:2002]  
Indian cassava mosaic virus - India [India:Maharashtra 2:1988]  
Indian cassava mosaic virus - Jatropha [India:Dhavad:2008]  
Indian cassava mosaic virus - [India:Maharashtra:2009]  
Indian cassava mosaic virus - [Indian:JC-3:2011]  
Indian cassava mosaic virus - [Indian:SG:2012]

**Indian cassava mosaic virus - India [India:Trivandrum:1986]**

**Jacquemontia mosaic Yucatan virus - [Mexico:Yucatan:2007]**

**Jatropha leaf curl virus - New Delhi [India:New Delhi:2007]**

Jatropha leaf curl virus - [India:Gujarat:2009]  
Jatropha leaf curl virus - [India:Lucknow J12:2011]  
Jatropha leaf curl virus - [India:Lucknow JM2:2013]  
Jatropha leaf curl virus - [India:Lucknow JP2:2013]

**Jatropha mosaic India virus - [India:Lucknow:2009]**

Jatropha mosaic India virus - [India:Katarniaghat:2011]  
Jatropha mosaic India virus - [India:Katarniaghat 2:2011]

**Jatropha mosaic Nigeria virus - [Nigeria:2:2011]**

Jatropha mosaic Nigeria virus - [Nigeria:3:2011]  
Jatropha mosaic Nigeria virus - [Nigeria:5:2011]

**Jatropha mosaic virus - [Jamaica:Spanish Town 1:2004]**

Jatropha mosaic virus - [Jamaica:Spanish Town 2:2004]  
Jatropha mosaic virus - [Jamaica:Spanish Town 3:2004]

**Jatropha yellow mosaic virus - [India:Kathaupahadi:2008]**

**Kudzu mosaic virus - [Vietnam:Hoabinh:2005]**

Kudzu mosaic virus - [China:Fujian:2008]  
Kudzu mosaic virus - [Vietnam:Hanoi:Soybean:2010]  
Lindernia anagallis yellow vein virus - [China:Hainan:2004]

HYVV-E[JR:Nar1:06]  
HYVV-D[JR:Nar2:06]  
HYVV-UK[UK:Norf:99]  
HYVV-UK[UK:Nor1:99]  
HYVV-UK[UK:Nor2:99]  
HYVV-Iba[JR:Uts:Lon:06]  
HYVV-KR1[KR:07]  
HYVV-UK[NZ:08]  
HYVV-UK[KR:Dae:05]  
HYVV-KR2[KR:IS4:To:08]  
HYVV-Je[KR:Jeju138:To:08]  
HYVV-KR2[KR:KJ:To:07]  
HYVV-KR1[KR:SC2:To:07]  
HYVV-[KR:DJ:09]  
HYVV-[AU:Ayr:BRIP57501:83]

HgYMV-[IN:Coi]  
HgYMV-[IN:Ban:FB:04]  
HgYMV-[IN:Ban:04]  
HgYMV-[IN:Ban:LB:04]  
HgYMV-[LK:Pv:09]  
HgYMV-[IN:Ban:FB:11]  
ICMV-[IN:Mah:88]  
ICMV-Ker[IN:Ker2:02]  
ICMV-[IN:Mah2:88]  
ICMV-Jat[IN:Dha:08]  
ICMV-[IN:Mah:09]  
ICMV-[IN:JC-3:11]  
ICMV-[IN:SG:12]  
ICMV-[IN:Tri:86]

JacMYuV-[MX:Yuc:07]  
JLCuV-ND[IN:ND:07]  
JLCuV-Gu[IN:Guj:09]  
JLCV-[IN:Luc J12:11]  
JLCV-[IN:Luc JM2:13]  
JLCV-[IN:Luc JP2:13]  
JMINV-[IN:Luc:09]  
JMINV-[IN:Kat:11]  
JMINV-[IN:Kat2:11]  
JMNv-[NG:2:11]  
JMNv-[NG:3:11]  
JMNv-[NG:5:11]  
JMV-[JM:ST1:04]  
JMV-[JM:ST1:04]  
JMV-[JM:ST1:04]  
JYMV-[IN:Kat:08]  
KuMV-[VN:Hoa:05]  
KuMV-[CN:Fuj:08]  
KuMV-[VN:Hanoi:Soy:10]  
LaYVV-[CN:Hn:04]

AB287440  
AB287441  
AJ421523  
AJ542540  
AJ543429  
EF620536  
FJ434943  
FJ817425  
GQ477135  
HM164541  
HM164545  
HM164547  
HM164549  
HQ189431  
JX416174  
AJ627904  
AM932425  
AM932427  
AM932429  
GU323321  
GU323322  
KC019306  
AJ314739  
AJ314740  
AJ575819  
AY730035  
GQ924760  
GQ924761  
JF496657  
JN692494  
JX518289  
JX915744  
Z24758  
Z24759  
JQ821386  
JQ821387  
EU798996  
GU451249  
KC513823  
KF652077  
KF652078  
HM230683  
JN135236  
JN698954  
JX025358  
JX025359  
JX025360  
KF723258  
KF723259  
KF723260  
FJ177030  
DQ641690  
FJ539015  
HQ162271  
HQ162272  
AY795900

**Lindernia anagallis yellow vein virus**

*Lindernia anagallis yellow vein virus*

**Ludwigia yellow vein virus**

*Ludwigia yellow vein virus*

*Ludwigia yellow vein virus*

**Luffa yellow mosaic virus**

*Macroptilium golden mosaic virus*

**Macroptilium golden mosaic virus**

*Macroptilium mosaic Puerto Rico virus*

**Macroptilium mosaic Puerto Rico virus**

**Macroptilium yellow mosaic Florida virus**

**Macroptilium yellow mosaic virus**

*Macroptilium yellow mosaic virus*

*Macroptilium yellow mosaic virus*

*Macroptilium yellow mosaic virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

**Macroptilium yellow spot virus**

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

*Macroptilium yellow spot virus*

**Lindernia anagallis yellow vein virus - [Vietnam:Hanoi:2005]**

Lindernia anagallis yellow vein virus - [China:LA 1:2012]

**Ludwigia yellow vein virus - [China:Guangxi 37:2003]**

Ludwigia yellow vein virus - [Vietnam:Hochiminh:2005]

Ludwigia yellow vein virus - [Vietnam:Hochiminh:2005]

**Luffa yellow mosaic virus - [Vietnam]**

Macroptilium golden mosaic virus - [Jamaica:Spanish Town:Wissadula amplissima:2008]

**Macroptilium golden mosaic virus - [Jamaica: Augusta Town:2004]**

Macroptilium mosaic Puerto Rico virus - [Puerto Rico:Bean:1998]

**Macroptilium mosaic Puerto Rico virus - [Puerto Rico:1990]**

**Macroptilium yellow mosaic Florida virus - [United States:Florida:1985]**

**Macroptilium yellow mosaic virus - Cuba [Cuba]**

Macroptilium yellow mosaic virus - Jamaica [Jamaica:Mona:2006]

Macroptilium yellow mosaic virus - Jamaica [Jamaica:Hope Pastures:2006]

Macroptilium yellow mosaic virus - Jamaica [Jamaica:St Thomas:2006]

Macroptilium yellow spot virus - [Brazil:Barra de Santana 1:2009]

Macroptilium yellow spot virus - [Brazil:Cedro 1:2009]

Macroptilium yellow spot virus - [Brazil:Maceio 1:2010]

Macroptilium yellow spot virus - [Brazil:Batalha 1:2010]

**Macroptilium yellow spot virus - [Brazil:Agua das Flores 1:2010]**

Macroptilium yellow spot virus - [Brazil:Agua das Flores 2:2010]

Macroptilium yellow spot virus - [Brazil:Pirañas 1:2010]

Macroptilium yellow spot virus - [Brazil:Delmiro Gouveia 1:2010]

Macroptilium yellow spot virus - [Brazil:Inhapi 1:2010]

Macroptilium yellow spot virus - [Brazil:Inhapi 2:2010]

Macroptilium yellow spot virus - [Brazil:Palmeira dos Indios 1:2010]

Macroptilium yellow spot virus - [Brazil:Maceio 5:2010]

Macroptilium yellow spot virus - Soybean [Brazil:Soybean:Jaiba9254:2010]

Macroptilium yellow spot virus - [Brazil:Craibas 8:2011]

Macroptilium yellow spot virus - [Brazil:Craibas 9:2011]

Macroptilium yellow spot virus - [Brazil:Craibas 10:2011]

Macroptilium yellow spot virus - [Brazil:Craibas 11:2011]

Macroptilium yellow spot virus - [Brazil:Craibas 12:2011]

Macroptilium yellow spot virus - [Brazil:Craibas 13:2011]

Macroptilium yellow spot virus - [Brazil:Craibas 14:2011]

Macroptilium yellow spot virus - [Brazil:Craibas 15:2011]

Macroptilium yellow spot virus - [Brazil:Craibas 16:2011]

Macroptilium yellow spot virus - [Brazil:Craibas 17:2011]

Macroptilium yellow spot virus - [Brazil:Craibas 18:2011]

Macroptilium yellow spot virus - [Brazil:Craibas 19:2011]

Macroptilium yellow spot virus - [Brazil:Olho d'Água das Flores 15:2011]

Macroptilium yellow spot virus - [Brazil:Olho d'Água das Flores 16:2011]

Macroptilium yellow spot virus - [Brazil:Olho d'Água das Flores 17:2011]

Macroptilium yellow spot virus - [Brazil:Olho d'Água das Flores 18:2011]

Macroptilium yellow spot virus - [Brazil:Olho d'Água das Flores 19:2011]

Macroptilium yellow spot virus - [Brazil:Olho d'Água das Flores 20:2011]

Macroptilium yellow spot virus - [Brazil:Olho d'Água das Flores 21:2011]

Macroptilium yellow spot virus - [Brazil:Olho d'Água das Flores 22:2011]

Macroptilium yellow spot virus - [Brazil:Craibas 1:2011]

LaYVV-[VN:Hanoi:05]

LaYVV-[CN:LA1:12]

LuYVV-[CN:Gx37:03]

LuYVV-[VN:Hoc:05]

LuYVV-[VN:Hoc:05]

LYMV-[VN]

MacGMV-[JM:ST:Wam:08]

MacGMV-[JM:ST:04]

MacMPRV-[PR:Bea:98]

MacMPRV-[PR:90]

MacYMFV-[US:Flo:85]

MacYMV-CU[CU]

MacYMV-JM[JM:Mon:06]

MacYMV-JM[JM:HoP:06]

MacYMV-JM[JM:StT:06]

MaYSV-[BR:Bas1:09]

MaYSV-[BR:Ced1:09]

MaYSV-[BR:Mac1:10]

MaYSV-[BR:Bat1:10]

MaYSV-[BR:Agf1:10]

MaYSV-[BR:Agf2:10]

MaYSV-[BR:Pir1:10]

MaYSV-[BR:Degf1:10]

MaYSV-[BR:Inp1:10]

MaYSV-[BR:Inp2:10]

MaYSV-[BR:Pdi1:10]

MaYSV-[BR:Mac5:10]

MaYSV-So[BR:Soy:Jai9254:10]

MaYSV-[BR:Crb8:11]

MaYSV-[BR:Crb9:11]

MaYSV-[BR:Crb10:11]

MaYSV-[BR:Crb11:11]

MaYSV-[BR:Crb12:11]

MaYSV-[BR:Crb13:11]

MaYSV-[BR:Crb14:11]

MaYSV-[BR:Crb15:11]

MaYSV-[BR:Crb16:11]

MaYSV-[BR:Crb17:11]

MaYSV-[BR:Crb18:11]

MaYSV-[BR:Crb19:11]

MaYSV-[BR:Oaf15:11]

MaYSV-[BR:Oaf16:11]

MaYSV-[BR:Oaf17:11]

MaYSV-[BR:Oaf18:11]

MaYSV-[BR:Oaf19:11]

MaYSV-[BR:Oaf20:11]

MaYSV-[BR:Oaf21:11]

MaYSV-[BR:Oaf22:11]

MaYSV-[BR:Crb1:11]

DQ641701

KC172827

AJ965539

DQ641699

DQ641708

AF509739

AF509740

EF645647

FJ981727

EU158096

EU158097

AF449192

AF449193

AY044133

AY044134

AY044135

AY044136

AJ344452

EF582840

EF582841

EF585288

EF585289

EF585290

EF585291

JN419005

JN419007

JN419009

JN419012

JN419013

JN419014

JN419015

JN419016

JN419018

JN419019

JN419020

JN419022

JX122965

KC004091

KC004092

KC004093

KC004094

KC004095

KC004096

KC004097

KC004098

KC004099

KC004100

KC004101

KC004102

KC004103

KC004104

KC004105

KC004106

KC004107

KC004108

KC004109

KC004110

KC004111



<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Olho d'Agua das Flores 23:2011]	MaYSV-[BR:Oaf23:11]	KC004112
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Olho d'Agua das Flores 1:2011]	MaYSV-[BR:Oaf1:11]	KC004113
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Olho d'Agua das Flores 2:2011]	MaYSV-[BR:Oaf2:11]	KC004114
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Olho d'Agua das Flores 7:2011]	MaYSV-[BR:Oaf7:11]	KC004115
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Craibas 2:2011]	MaYSV-[BR:Crb2:11]	KC004116
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Olho d'Agua das Flores 3:2011]	MaYSV-[BR:Oaf3:11]	KC004117
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Craibas 3:2011]	MaYSV-[BR:Crb3:11]	KC004118
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Olho d'Agua das Flores 4:2011]	MaYSV-[BR:Oaf4:11]	KC004119
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Olho d'Agua das Flores 5:2011]	MaYSV-[BR:Oaf5:11]	KC004120
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Olho d'Agua das Flores 8:2011]	MaYSV-[BR:Oaf8:11]	KC004121
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Olho d'Agua das Flores 6:2011]	MaYSV-[BR:Oaf6:11]	KC004122
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Olho d'Agua das Flores 9:2011]	MaYSV-[BR:Oaf9:11]	KC004123
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Craibas 4:2011]	MaYSV-[BR:Crb4:11]	KC004124
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Olho d'Agua das Flores 10:2011]	MaYSV-[BR:Oaf10:11]	KC004125
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Olho d'Agua das Flores 11:2011]	MaYSV-[BR:Oaf11:11]	KC004126
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Craibas 5:2011]	MaYSV-[BR:Crb5:11]	KC004127
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Olho d'Agua das Flores 12:2011]	MaYSV-[BR:Oaf12:11]	KC004128
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Olho d'Agua das Flores 13:2011]	MaYSV-[BR:Oaf13:11]	KC004129
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Olho d'Agua das Flores 14:2011]	MaYSV-[BR:Oaf14:11]	KC004130
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Craibas 6:2011]	MaYSV-[BR:Crb6:11]	KC004131
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Olho d'Agua das Flores 24:2011]	MaYSV-[BR:Oaf24:11]	KC004132
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Olho d'Agua das Flores 25:2011]	MaYSV-[BR:Oaf25:11]	KC004133
<i>Macroptilium yellow spot virus</i>	Macroptilium yellow spot virus - [Brazil:Craibas 7:2011]	MaYSV-[BR:Crb7:11]	KC004134
<b>Macroptilium yellow vein virus</b>	<b>Macroptilium yellow vein virus - [Brazil:Maceio 4:2010]</b>	MaYVV-[BR:Mac4:10]	JN419021
<b>Malvastrum leaf curl Philippines virus</b>	<b>Malvastrum leaf curl Philippines virus - [Philippines:Mc1:2012]</b>	MaLCPHV-[PH:Mc1:12]	KC577540
<b>Malvastrum leaf curl virus</b>	<b>Malvastrum leaf curl virus - [China:Guangxi 87:2004]</b>	MaLCuV-[CN:Gx87:04]	AJ971263
<i>Malvastrum leaf curl virus</i>	Malvastrum leaf curl virus - [China:Guangxi 100 :Papaya:2005]	MaLCuV-[CN:Gx100:Pap:05]	AM260699
<b>Malvastrum yellow mosaic Helshire virus</b>	<b>Malvastrum yellow mosaic Helshire virus - [Jamaica:2005]</b>	MaYMHV-[JM:05]	FJ600483
<i>Malvastrum yellow mosaic Jamaica virus</i>	Malvastrum yellow mosaic Jamaica virus - [Jamaica:9bA43:2003]	MaYMJV-[JM:9bA43:03]	FJ600482
<b>Malvastrum yellow mosaic Jamaica virus</b>	<b>Malvastrum yellow mosaic Jamaica virus - [Jamaica:179A73:2003]</b>	MaYMJV-[JM:179A73:03]	FJ601917
<b>Malvastrum yellow mosaic virus</b>	<b>Malvastrum yellow mosaic virus - [China:Hainan 36:2004]</b>	MaYMV-[CN:Hn36:04]	AM236755
<i>Malvastrum yellow mosaic virus</i>	Malvastrum yellow mosaic virus - [China:Hainan 37:2004]	MaYMV-[CN:Hn37:04]	AM236756
<i>Malvastrum yellow mosaic virus</i>	Malvastrum yellow mosaic virus - [China:Yunnan 249:2004]	MaYMV-[CN:Yn249:04]	FN552749
<b>Malvastrum yellow vein virus</b>	<b>Malvastrum yellow vein virus - [China:Yunnan 47:2001]</b>	MaYVV-[CN:Yn47:01]	AJ457824
<i>Malvastrum yellow vein virus</i>	Malvastrum yellow vein virus - [China:Yunnan 206:Ageratum:2003]	MaYVV-[CN:Yn206:Age:03]	AJ744881
<i>Malvastrum yellow vein virus</i>	Malvastrum yellow vein virus - [India:Bahraich:2006]	MaYVV-[IN:Bah:06]	EU366903
<i>Malvastrum yellow vein virus</i>	Malvastrum yellow vein virus - [India:Kaisarganj:2007]	MaYVV-[IN:Kai:07]	EU822321
<i>Malvastrum yellow vein virus</i>	Malvastrum yellow vein virus - [India:Bhangha:2007]	MaYVV-[IN:Bha:07]	EU822322
<i>Malvastrum yellow vein virus</i>	Malvastrum yellow vein virus - A [China:Yunnan 278:2004]	MaYVV-A[CN:Yn278:04]	FN386459
<i>Malvastrum yellow vein virus</i>	Malvastrum yellow vein virus - A [China:Yunnan 281:2004]	MaYVV-A[CN:Yn281:04]	FN386460
<i>Malvastrum yellow vein virus</i>	Malvastrum yellow vein virus - [China:Yunnan 340:Sida:2008]	MaYVV-[CN:Yn340:Sid:08]	FN806777
<i>Malvastrum yellow vein virus</i>	Malvastrum yellow vein virus - [China:Yunnan 341:Sida:2008]	MaYVV-[CN:Yn341:Sid:08]	FN806778
<i>Malvastrum yellow vein virus</i>	Malvastrum yellow vein virus - B [China:Yunnan 340:Sida:2008]	MaYVV-C[CN:Yn340:Sid:08]	FN806779
<i>Malvastrum yellow vein virus</i>	Malvastrum yellow vein virus - [China:Yunnan:Tomato:2006]	MaYVV-[CN:Yn:To:06]	HM448898
<i>Malvastrum yellow vein virus</i>	Malvastrum yellow vein virus - [China: Sichuan 101-12:2010]	MaYVV-[CN:SC101-12:10]	JN082235
<i>Malvastrum yellow vein virus</i>	Malvastrum yellow vein virus - [China: Sichuan 103-21:2010]	MaYVV-[CN:SC103-21:10]	JN082236
<i>Malvastrum yellow vein virus</i>	Malvastrum yellow vein virus - [China: Sichuan 101-211:2010]	MaYVV-[CN:SC101-211:10]	JN082239
<b>Malvastrum yellow vein Yunnan virus</b>	<b>Malvastrum yellow vein Yunnan virus - [China:Yunnan 160:2003]</b>	MaYVYnV-[CN:Yn160:03]	AJ786711
<i>Malvastrum yellow vein Yunnan virus</i>	Malvastrum yellow vein Yunnan virus - [China:Yunnan 277:2005]	MaYVYnV-[CN:Yn277:05]	AJ971501

<i>Malvastrum yellow vein Yunnan virus</i>	Malvastrum yellow vein Yunnan virus - [China:Sichuan 101-43:2010]	MaYVYnV-[CN:SC101-43:10]	JN082234	
<i>Malvastrum yellow vein Yunnan virus</i>	Malvastrum yellow vein Yunnan virus - [China:Sichuan 101:2010]	MaYVYnV-[CN:SC101:10]	JN082238	
<i>Malvastrum yellow vein Yunnan virus</i>	Malvastrum yellow vein Yunnan virus - [China:Sichuan 224-3:2011]	MaYVYnV-[CN:SC224-3:11]	JX679249	
<i>Malvastrum yellow vein Yunnan virus</i>	Malvastrum yellow vein Yunnan virus - [China:Sichuan 226-5:2010]	MaYVYnV-[CN:SC226-5:10]	JX679250	
<i>Malvastrum yellow vein Yunnan virus</i>	Malvastrum yellow vein Yunnan virus - [China:Sichuan 224-8:2011]	MaYVYnV-[CN:SC224-3:11]	JX679256	
<i>Malvastrum yellow vein Yunnan virus</i>	Malvastrum yellow vein Yunnan virus - [China:Sichuan 44:2009]	MaYVYnV-[CN:SC44:09]	KC189891	
<i>Malvastrum yellow vein Yunnan virus</i>	Malvastrum yellow vein Yunnan virus - [China:Sichuan 327:2010]	MaYVYnV-[CN:SC327:10]	KC189892	
<i>Melon chlorotic leaf curl virus</i>	Melon chlorotic leaf curl virus - Guatemala [Guatemala:2000]	MCLCuV-GT[GT:00]	AF325497	AF325498
<b>Melon chlorotic leaf curl virus</b>	<b>Melon chlorotic leaf curl virus - Costa Rica [Costa Rica:Guanacaste:1998]</b>	MCLCuV-CR[CR:Gua:98]	AY064391	AF440790
<i>Melon chlorotic leaf curl virus</i>	Melon chlorotic leaf curl virus - [Costa Rica:Cucurbita:2A:2003]	MCLCuV-[CR:Cuc:2A:03]	KC153490	
<b>Melon chlorotic mosaic virus</b>	<b>Melon chlorotic mosaic virus - [Venezuela:Watermelon:2009]</b>	MCIMV-[VN:Wat:09]	HM163576	HM163577
<b>Merremia leaf curl virus</b>	<b>Merremia leaf curl virus - [Puerto Rico:N1:2006]</b>	MerLCV-[PR:N1:06]	DQ644561	
<b>Merremia mosaic virus</b>	<b>Merremia mosaic virus - Puerto Rico [Puerto Rico]</b>	MerMV-PR[PR]	AF068636	AY965899
<i>Merremia mosaic virus</i>	Merremia mosaic virus - Venezuela [Venezuela:Trujillo]	MerMV-VE[VE:Tru]	AY508991	AY508992
<i>Merremia mosaic virus</i>	Merremia mosaic virus - Puerto Rico [Puerto Rico:80-H3:2006]	MerMV-PR[PR:80-H3:06]	DQ644557	DQ644560
<i>Merremia mosaic virus</i>	Merremia mosaic virus - Puerto Rico [Puerto Rico:4-H6:2006]	MerMV-PR[PR:4-H6:06]	DQ644558	DQ644559
<b>Merremia mosaic Puerto Rico virus</b>	<b>Merremia mosaic Puerto Rico virus - [Puerto Rico:89:1998]</b>	MerMPRV-[PR:PR89:98]	FJ944021	FJ944022
<b>Mesta yellow vein mosaic Bahraich virus</b>	<b>Mesta yellow vein mosaic Bahraich virus - [India:Bahraich:2007]</b>	MeYVMBaV-[IN:Bah:07]	EU360303	
<i>Mesta yellow vein mosaic Bahraich virus</i>	Mesta yellow vein mosaic Bahraich virus - [India:Kaisargunj:2008]	MeYVMBaV-[IN:Kai:08]	FJ159267	
<i>Mesta yellow vein mosaic Bahraich virus</i>	Mesta yellow vein mosaic Bahraich virus - [India:Bhanga:2008]	MeYVMBaV-[IN:Bha:08]	FJ159268	
<b>Mesta yellow vein mosaic virus</b>	<b>Mesta yellow vein mosaic virus - Bengal [India:Barackpore:2006]</b>	MeYVMV-Ben[IN:Bar:06]	EF373060	
<i>Mesta yellow vein mosaic virus</i>	Mesta yellow vein mosaic virus - Bengal [India:Barackpore 2:2006]	MeYVMV-Ben[IN:Bar2:06]	EF428256	
<i>Mesta yellow vein mosaic virus</i>	Mesta yellow vein mosaic virus - Bengal [India:Barackpore 2-13:2006]	MeYVMV-Ben[IN:Bar2-13:06]	EF432372	
<i>Mesta yellow vein mosaic virus</i>	Mesta yellow vein mosaic virus - Bengal [India:Bongaon 20:2008]	MeYVMV-Ben[IN:Bon20:08]	FJ159262	
<i>Mesta yellow vein mosaic virus</i>	Mesta yellow vein mosaic virus - Bengal [India:Haringhata 21:2008]	MeYVMV-Ben[IN:Har21:08]	FJ159263	
<i>Mesta yellow vein mosaic virus</i>	Mesta yellow vein mosaic virus - Bengal [India:Raigun] 22:2008]	MeYVMV-Ben[IN:Rai22:08]	FJ159264	
<i>Mesta yellow vein mosaic virus</i>	Mesta yellow vein mosaic virus - Bengal [India:Coochbehar 23:2008]	MeYVMV-Ben[IN:Coo23:08]	FJ159265	
<i>Mesta yellow vein mosaic virus</i>	Mesta yellow vein mosaic virus - Bengal [India:Balurghat 24:2008]	MeYVMV-Ben[IN:Bal24:08]	FJ159266	
<i>Mesta yellow vein mosaic virus</i>	Mesta yellow vein mosaic virus - Andhra Pradesh [India:Amadalavalasa 27:2008]	MeYVMV-And[IN:Ama27:08]	FJ159269	
<i>Mesta yellow vein mosaic virus</i>	Mesta yellow vein mosaic virus - Andhra Pradesh [India:Visianagaram 28:2008]	MeYVMV-And[IN:Viz28:08]	FJ159270	
<i>Mesta yellow vein mosaic virus</i>	Mesta yellow vein mosaic virus - Andhra Pradesh [India:Srikakulam 29:2008]	MeYVMV-And[IN:Sri29:08]	FJ159271	
<i>Mesta yellow vein mosaic virus</i>	Mesta yellow vein mosaic virus - Bengal [India:Barackpore:Leaf curl:2007]	MeYVMV-Ben[IN:Bar:LC:07]	FJ345398	
<i>Mesta yellow vein mosaic virus</i>	Mesta yellow vein mosaic virus - Bengal [India:Haringhata:Leaf curl:2007]	MeYVMV-Ben[IN:Har:LC:07]	FJ345399	
<i>Mesta yellow vein mosaic virus</i>	Mesta yellow vein mosaic virus - Bengal [India:Bongaon:Leaf curl:2007]	MeYVMV-Ben[IN:Bon:LC:07]	FJ345400	
<i>Mesta yellow vein mosaic virus</i>	Mesta yellow vein mosaic virus - [Pakistan:Changa Manga:2009]	MeYVMV-[PK:CM:09]	FR715681	
<i>Mesta yellow vein mosaic virus</i>	Mesta yellow vein mosaic virus - [Pakistan:Lahore:17-5:2006]	MeYVMV-[PK:Lah:17-5:06]	FR772081	
<i>Mesta yellow vein mosaic virus</i>	Mesta yellow vein mosaic virus - [Pakistan:Lahore:FQ1]	MeYVMV-[PK:Lah:FQ1]	HE578897	
<i>Mesta yellow vein mosaic virus</i>	Mesta yellow vein mosaic virus - [India:Lucknow:Alcea rosea:2011]	MeYVMV-[IN:Luc::11]	JQ911766	
<b>Mimosa yellow leaf curl virus</b>	<b>Mimosa yellow leaf curl virus - [Vietnam:Binhduong:2005]</b>	MiYLCV-[VN:Bin:05]	DQ641695	
<b>Mungbean yellow mosaic India virus</b>	<b>Mungbean yellow mosaic India virus - [India:New Delhi:Blackgram 3:1991]</b>	MYMIV-[IN:ND:Bg3:91]	AF126406	AF142440
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Bangladesh:1998]	MYMIV-[BD:98]	AF314145	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:Sriganganagar:Mungbean 1:1996]	MYMIV-[IN:Sri:Mg1:96]	AF416742	AF416741
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:New Delhi:Cowpea 7:1998]	MYMIV-[IN:ND:Cp7:98]	AF481865	AF503580
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:Jabalpur]	MYMIV-[IN:Jab]	AJ416349	AJ420331
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:14]	MYMIV-[PK:14]	AJ512495	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:130.7]	MYMIV-[PK:130.7]	AJ512496	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:130.12]	MYMIV-[PK:130.12]	AJ512497	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:106]	MYMIV-[PK:106]	AJ512498	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Islamabad:MI15:2007]	MYMIV-[PK:Isl:MI15:07]	AM950268	

<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Nawab Shah:Soybean MI17:2007]	MYMIV-[PK:NS:SbMI17:07]	AM992618	FM161881
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:New Delhi:Soybean 2:1999]	MYMIV-[IN:ND:Sb2:99]	AY049772	AY049771
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Cowpea:2000]	MYMIV-[PK:Cp:00]	AY269990	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Islamabad:2000]	MYMIV-[PK:Isl:00]	AY269992	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:Akola]	MYMIV-[IN:Ako]	AY271893	AY271894
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Nepal:Lalitpur ]	MYMIV-[NP:Lal]	AY271895	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:Varanasi:Dolichos]	MYMIV-[IN:Var:Do]	AY547317	DQ061273
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:Varanasi:Cowpea]	MYMIV-[IN:Var:Cp]	AY618902	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:Anand:Cowpea MBK-A25:2005]	MYMIV-[IN:Ana:CpMBKA25:05]	AY937195	AY937196
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:New Delhi:Cowpea:2005]	MYMIV-[IN:ND:Cp:05]	DQ389153	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:Kanpur:Cowpea:2005]	MYMIV-[IN:Kan:Cp:05]	DQ389154	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:Punjab:2005]	MYMIV-[IN:Pun:05]	DQ400847	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:New Delhi:Soybean:2007]	MYMIV-[IN:ND:Sb:07]	EU523045	EU523046
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Faisalabad:Soybean A1:2007]	MYMIV-[PK:Fai:SbA1:07]	FM208833	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Faisalabad:Soybean A1E:2007]	MYMIV-[PK:Fai:SbA1E:07]	FM208834	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Faisalabad:Vigna radiata A2:2007]	MYMIV-[PK:Fai:VrA2:07]	FM208835	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Faisalabad:Vigna radiata 4:2007]	MYMIV-[PK:Fai:Vr4:07]	FM208836	FM202439
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Faisalabad:Vigna radiata 6:2007]	MYMIV-[PK:Fai:Vr6:07]	FM208837	FM202446
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Faisalabad:Vigna radiata A6G:2007]	MYMIV-[PK:Fai:VrA6G:07]	FM208838	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Muzafar:Vigna radiata A14:2007]	MYMIV-[PK:Muz:VrA14:07]	FM208839	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Faisalabad:Vigna radiata A17:2007]	MYMIV-[PK:Fai:VrA17:07]	FM208840	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Narowal:Vigna radiata A20:2007]	MYMIV-[PK:Nar:VrA20:07]	FM208841	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Narowal:Vigna radiata M19:2007]	MYMIV-[PK:Nar:VrM19:07]	FM208842	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Narowal:Vigna radiata M17:2007]	MYMIV-[PK:Nar:VrM17:07]	FM208843	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Islamabad:Vigna radiata MI12:2007]	MYMIV-[PK:Isl:VrMI12:07]	FM208844	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Islamabad:Vigna radiata MI13:2007]	MYMIV-[PK:Isl:VrMI13:07]	FM208845	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Narowal:Vigna radiata MI2:2007]	MYMIV-[PK:Nar:VrMI2:07]	FM208846	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Mianwali:Vigna radiata MI75:2007]	MYMIV-[PK:Mia:VrMI75:07]	FM955598	FM955606
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Layah:Vigna radiata:2007]	MYMIV-[PK:Mia:Vr:07]	FM955599	FM955604
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Multan:Vigna radiata:2007]	MYMIV-[PK:Mul:Vr:07]	FM955600	FM955603
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:Palampur:2009]	MYMIV-[IN:Pal:09]	FN794200	FR714861
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Pakistan:Bahawalpur MV11:2011]	MYMIV-[PK:BahMV11:11]	FR837935	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:11:2008]	MYMIV-[IN:11:08]	HB432866	HB432867
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:13:2008]	MYMIV-[IN:13:08]	HB432868	HB432869
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:Bengal:2013]	MYMIV-[IN:Ben:13]	HF922628	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Indonesia:Bogor:2009]	MYMIV-[ID:Bog:09]	JN368432	JN368440
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Indonesia:Purwakarta 1:2009]	MYMIV-[ID:Pur1:09]	JN368433	JN368441
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Indonesia:Purwakarta 2:2009]	MYMIV-[ID:Pur2:09]	JN368434	JN368442
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Indonesia:Brebes 1:2009]	MYMIV-[ID:Bre1:09]	JN368435	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Indonesia:Brebes 2:2009]	MYMIV-[ID:Bre2:09]	JN368436	JN368444
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Indonesia:Rembang:2009]	MYMIV-[ID:Rem:09]	JN368437	JN368445
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Indonesia:Brebes 3:2009]	MYMIV-[ID:Bre3:09]	JN368438	JN368446
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Indonesia:Brebes 4:2009]	MYMIV-[ID:Bre4:09]	JN368439	JN368447
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [Nepal:13P:2010]	MYMIV-[NP:13P:10]	JN543395	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:Tirupati:2012]	MYMIV-[IN:Tir:12]	JX110618	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:Varanasi:French bean 1:2011]	MYMIV-[IN:Var:Fb1:11]	KC019303	KC019305
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:Varanasi:French bean 22:2011]	MYMIV-[IN:Var:Fb22:11]	KC019304	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:Indore:2010]	MYMIV-[IN:Ind:10]	KC852204	
<i>Mungbean yellow mosaic India virus</i>	Mungbean yellow mosaic India virus - [India:Coimbatore CA4:2012]	MYMIV-[IN:CoiCA4:12]	KC911719	

*Mungbean yellow mosaic India virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

***Mungbean yellow mosaic virus***

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Mungbean yellow mosaic virus*

*Okra enation leaf curl virus*

***Okra enation leaf curl virus***

*Okra enation leaf curl virus*

*Okra enation leaf curl virus*

*Okra enation leaf curl virus*

*Okra enation leaf curl virus*

*Okra enation leaf curl virus*

*Okra enation leaf curl virus*

*Okra enation leaf curl virus*

*Okra enation leaf curl virus*

*Okra enation leaf curl virus*

*Okra enation leaf curl virus*

*Okra enation leaf curl virus*

*Okra enation leaf curl virus*

***Okra mottle virus***

*Okra mottle virus*

*Okra mottle virus*

***Okra yellow crinkle virus***

*Okra yellow crinkle virus*

*Okra yellow crinkle virus*

*Okra yellow crinkle virus*

*Okra yellow crinkle virus*

*Okra yellow crinkle virus*

*Okra yellow crinkle virus*

*Okra yellow crinkle virus*

*Okra yellow crinkle virus*

Mungbean yellow mosaic India virus - [India:Coimbatore CA3:2012]

Mungbean yellow mosaic virus - [Thailand:Mungbean 1]

Mungbean yellow mosaic virus - [India:Maharashtra:Soybean:1999]

Mungbean yellow mosaic virus - [India:Vigna]

Mungbean yellow mosaic virus - [India:Madurai:Soybean]

Mungbean yellow mosaic virus - [Pakistan:Islamabad:Soybean:2000]

Mungbean yellow mosaic virus - [Vietnam:Pnomh Penh:2001]

Mungbean yellow mosaic virus - [India:Haryana:2001]

**Mungbean yellow mosaic virus - [Thailand:Mungbean 2]**

Mungbean yellow mosaic virus - [India:Vamban:2005]

Mungbean yellow mosaic virus - [India:Namakkal B1:2005]

Mungbean yellow mosaic virus - [Japan:1985]

Mungbean yellow mosaic virus - [Pakistan:Mianwali:Rhynchosia capitata MI65:2008]

Mungbean yellow mosaic virus - [India:New Delhi:Urdbean:2011]

Mungbean yellow mosaic virus - [Viet Nam 1:2011]

Mungbean yellow mosaic virus - [Viet Nam 5:2011]

Mungbean yellow mosaic virus - [Viet Nam 7:2011]

Mungbean yellow mosaic virus - [Viet Nam 10:2011]

Mungbean yellow mosaic virus - [Viet Nam 15:2011]

Mungbean yellow mosaic virus - [India:Panpозhi PA1:2012]

Mungbean yellow mosaic virus - [India:Coimbatore CA2:2010]

Mungbean yellow mosaic virus - [India:Coimbatore CA1:2012]

Mungbean yellow mosaic virus - [India:Vamban VA1:2010]

Mungbean yellow mosaic virus - [India:Vamban VA2:2011]

Okra enation leaf curl virus - [India:Haryana:2007]

**Okra enation leaf curl virus - [India:Sonipat EL10:2006]**

Okra enation leaf curl virus - [India:Sonipat EL14:2006]

Okra enation leaf curl virus - [India:Munthal EL37:2006]

Okra enation leaf curl virus - [India:Munthal EL41:2006]

Okra enation leaf curl virus - [India:Munthal EL32:2006]

Okra enation leaf curl virus - [India:Munthal EL39:2006]

Okra enation leaf curl virus - [India:Munthal EL38:2006]

Okra enation leaf curl virus - [India:Sonipat EL14A:2006]

Okra enation leaf curl virus - [Pakistan:Burewala:Cotton:2011]

Okra enation leaf curl virus - [India:Ludhiana:2010]

Okra enation leaf curl virus - [India:Gandhinagar 3:2012]

Okra enation leaf curl virus - [India:Gandhinagar 1:2012]

Okra enation leaf curl virus - [India:Surat:2011]

**Okra mottle virus - [Brazil:6328:2008]**

Okra mottle virus - [Brazil:6328:2008]

Okra mottle virus - [Brazil:Santo Antonio de Goias 8:Soy:2008]

**Okra yellow crinkle virus - Mali [Mali:Bamako 2:2005]**

Okra yellow crinkle virus - Mali [Mali:Bamako 1:2005]

Okra yellow crinkle virus - Mali [Mali:Bamako 3:2005]

Okra yellow crinkle virus - Mali [Mali:Bamako 4:2006]

Okra yellow crinkle virus - Cameroon [Cameroon:Njombe 52:2008]

Okra yellow crinkle virus - Cameroon [Cameroon:Muea:2008]

Okra yellow crinkle virus - [Cameroon:Njombe 5:2007]

Okra yellow crinkle virus - [Cameroon:Likomba GR9:2007]

MYMIV-[IN:CoICA3:12]

MYMV-[TH:Mg1]

MYMV-[IN:Mah:Sb:99]

MYMV-[IN:Vig]

MYMV-[IN:Mad:Sb]

MYMV-[PK:Isl:Sb:00]

MYMV-[VN:PP:01]

MYMV-[IN:Har:01]

MYMV-[TH:Mg2]

MYMV-[IN:Vam:05]

MYMV-[IN:NamB1:05]

MYMV-[JP:85]

MYMV-[PK:Mia:RcMI65:08]

MYMV-[IN:ND:Urd:11]

MYMV-[VN1:11]

MYMV-[VN5:11]

MYMV-[VN7:11]

MYMV-[VN10:11]

MYMV-[VN15:11]

MYMV-[IN:PanPA1:12]

MYMV-[IN:CoICA2:10]

MYMV-[IN:CoICA1:12]

MYMV-[IN:VamVA1:10]

MYMV-[IN:VamVA2:11]

OELCuV-[IN:Har:07]

OELCuV-[IN:SonEL10:06]

OELCuV-[IN:SonEL14:06]

OELCuV-[IN:MunEL37:06]

OELCuV-[IN:MunEL41:06]

OELCuV-[IN:MunEL32:06]

OELCuV-[IN:MunEL39:06]

OELCuV-[IN:MunEL38:06]

OELCuV-[IN:Son EL14A:06]

OELCuV-[PK:Bur:Cot:11]

OELCuV-[IN:Lud:10]

OELCuV-[IN:Gan3:12]

OELCuV-[IN:Gan1:12]

OELCuV-[IN:Sur:11]

OMoV-[BR:6319:08]

OMoV-[BR:6328:08]

OMoV-[BR:Sag8:Sb:08]

OYCrV-ML[ML:Bam2:05]

OYCrV-ML[ML:Bam1:05]

OYCrV-ML[ML:Bam3:05]

OYCrV-ML[ML:Bam4:06]

OYCrV-CM[CM:Njo52:08]

OYCrV-CM[CM:Mue:08]

OYCrV-[CM:Njo5:07]

OYCrV-[CM:LikGR9:07]

KC911720

AB017341

AF314530

AJ132575

AJ132574

AJ421642

AJ867554

AY269991

AY271892

AY271896

D14703

D14704

DQ400848

DQ400849

DQ865201

DQ865202

E00957

FM242701

FM242702

JQ398669

JQ398670

JX244172

JX244177

JX244173

JX244178

JX244174

JX244179

JX244175

JX244180

JX244176

JX244181

KC911717

KC911731

KC911718

KC911730

KC911721

KC911724

KC911722

KC911728

KC911723

KC911727

FN645922

GU111996

GU111997

GU111998

GU111999

GU112000

GU112001

GU112002

GU112010

HF567945

JX181786

KC019308

KC019309

KC342220

EU914817

EU914818

EU914819

FJ686695

FJ686696

DQ875879

DQ902715

EU024118

EU024119

FM164724

FM210275

HE793424

HE793425

**Okra yellow mosaic Mexico virus***Okra yellow mosaic Mexico virus**Okra yellow mosaic Mexico virus**Okra yellow mosaic Mexico virus**Okra yellow mosaic Mexico virus**Okra yellow mosaic Mexico virus**Okra yellow mosaic Mexico virus**Papaya leaf crumple virus***Papaya leaf crumple virus***Papaya leaf crumple virus**Papaya leaf crumple virus**Papaya leaf curl China virus**Papaya leaf curl China virus**Papaya leaf curl China virus***Papaya leaf curl China virus***Papaya leaf curl China virus**Papaya leaf curl Guangdong virus**Papaya leaf curl Guangdong virus**Papaya leaf curl Guangdong virus**Papaya leaf curl Guangdong virus**Papaya leaf curl Guangdong virus**Papaya leaf curl Guangdong virus**Papaya leaf curl Guangdong virus***Okra yellow mosaic Mexico virus - [Mexico:Mazatepec 3:2004]**

Okra yellow mosaic Mexico virus - [Mexico:Colima:Sida:2010]

Okra yellow mosaic Mexico virus - [Mexico:Sida:2010]

Okra yellow mosaic Mexico virus - [Mexico:Colima:Herrissantia:2010]

Okra yellow mosaic Mexico virus - [United States:Texas:2009]

Okra yellow mosaic Mexico virus - [Mexico:Iguala 13-14:2007]

Okra yellow mosaic Mexico virus - [Mexico:Iguala 15-16:2007]

Papaya leaf crumple virus - [Pakistan:Lahore KN6:2011]

**Papaya leaf crumple virus - [India:Panipat:2008]**

Papaya leaf crumple virus - [India:Nirulas:2007]

Papaya leaf crumple virus - [India:Najafgarh 1:2008]

Papaya leaf curl China virus - Tomato [China:Guangxi 12:Tomato:2002]

Papaya leaf curl China virus - Papaya [China:Guangxi 30:Tomato:2002]

Papaya leaf curl China virus - Papaya [China:Guangxi 2:2002]

**Papaya leaf curl China virus - Tomato [China:Guangxi 8:Ageratum:2002]**

Papaya leaf curl China virus - Ageratum [China:Guangxi 10:Ageratum:2002]

Papaya leaf curl China virus - Papaya [China:Guangxi 22:Tomato:2002]

Papaya leaf curl China virus - Ageratum [China:Guangxi 7:Ageratum:2002]

Papaya leaf curl China virus - Papaya [China:Guangxi 4:Ageratum:2002]

Papaya leaf curl China virus - Ageratum [China:Guangxi 43:Tomentosa:2003]

Papaya leaf curl China virus - Papaya [China:Fuzhou 25:2006]

Papaya leaf curl China virus - Papaya [China:Fuzhou LC1-2:2006]

Papaya leaf curl China virus - Papaya [China:Fuzhou 26:2006]

Papaya leaf curl China virus - Tomato [Vietnam:Hatay:Tobacco:2005]

Papaya leaf curl China virus - Papaya [China:Henan:Tomato:2007]

Papaya leaf curl China virus - Papaya [China:Henan NZM1:Tomato:2007]

Papaya leaf curl China virus - [China:Hainan:HK7:2008]

Papaya leaf curl China virus - Guangxi [China:Guangxi 4:Tomato:2008]

Papaya leaf curl China virus - [China:Hainan:HK8:2008]

Papaya leaf curl China virus - [Vietnam:Hung Yen:2008]

Papaya leaf curl China virus - Vietnam [Vietnam:Hanoi 112:2007]

Papaya leaf curl China virus - Vietnam [Vietnam:TL7:2007]

Papaya leaf curl China virus - [China:Guangxi 111:2013]

Papaya leaf curl China virus - Vietnam [Vietnam:Hungyen:papaya:2010]

Papaya leaf curl China virus - Vietnam [Vietnam:Hanoi:tomato:2010]

Papaya leaf curl China virus - [China:Fz10:2008]

Papaya leaf curl China virus - [China:GX88:2012]

Papaya leaf curl China virus - [China:GX89:2012]

Papaya leaf curl China virus - [China:Guangxi:Ageratum:2012]

Papaya leaf curl China virus - [China:JiaoZuo:2011]

Papaya leaf curl China virus - Vietnam [Vietnam:V11:2012]

Papaya leaf curl China virus - Vietnam [Vietnam:V12:2012]

Papaya leaf curl China virus - [Viet Nam:14:2012]

**Papaya leaf curl Guangdong virus - [China:Guangdong 2:2002]**

Papaya leaf curl Guangdong virus - [China:Guangdong 6:2004]

Papaya leaf curl Guangdong virus - [China:Guangdong 9:2004]

Papaya leaf curl Guangdong virus - [China:Fujian 3:2005]

Papaya leaf curl Guangdong virus - [China:Guangzhou:2004]

Papaya leaf curl Guangdong virus - [China:Fujian:2006]

OYMV-[MX:Maz3:04]

OYMMV-[MX:Col:Sid:10]

OYMMV-[MX:Sid:10]

OYMMV-[MX:Col:Her:10]

OYMV-[US:TX:09]

OYMV-[MX:Igu13-14:07]

OYMV-[MX:Igu15-16:07]

PaLCrV-[PK:Lah:11]

PaLCrV-[IN:Pan:08]

PaLCrV-[IN:Nir:07]

PaLCrV-[IN:Naj1:08]

PaLCuCNV-To[CN:Gx12:02]

PaLCuCNV-Pap[CN:Gx30:Tom:02]

PaLCuCNV-Pap[CN:Gx2:02]

PaLCuCNV-To[CN:Gx8:Age:02]

PaLCuCNV-Age[CN:Gx10:02]

PaLCuCNV-Pap[CN:Gx22:Tom:02]

PaLCuCNV-Age[CN:Gx7:02]

PaLCuCNV-Pap[CN:Gx4:Age:024:02]

PaLCuCNV-Age[CN:Gx43:Toa:03]

PaLCuCNV-Pap[CN:Fuz25:06]

PaLCuCNV-Pap[CN:FuzLC1-2:06]

PaLCuCNV-Pap[CN:Fuz26:06]

PaLCuCNV-To[VN:Hat:Tb:05]

PaLCuCNV-Pap[CN:Hen:To:07]

PaLCuCNV-Pap[CN:HeNZM1:To:07]

PaLCuCNV-[CN:Hn:HK7:08]

PaLCuCNV-Gx[CN:Gx8:To:08]

PaLCuCNV-[CN:Hn:HK8:08]

PaLCuCNV-VN[VN:HY:08]

PaLCuCNV-VN[VN:Hn112:07]

PaLCuCNV-VN[VN:TL7:07]

PaLCuCNV-[CN:Gx111:13]

PaLCuCNV-VN[VN:Hun:pap:10]

PaLCuCNV-VN[VN:Hn:tom:10]

PaLCuCNV-[CN:Fz10:08]

PaLCuCNV-[CN:GX88:12]

PaLCuCNV-[CN:GX89:12]

PaLCuCNV-[CN:Gx:Age:12]

PaLCuCNV-[CN:Jz:11]

PaLCuCNV-VN[VN:V11:12]

PaLCuCNV-VN[VN:V12:12]

PaLCuCNV-[VN:14:12]

PaLCuGdV-[CN:Gd2:02]

PaLCuGdV-[CN:Gd6:04]

PaLCuGdV-[CN:Gd9:04]

PaLCuGdV-[CN:Fj3:05]

PaLCuGdV-[CN:Gz:04]

PaLCuGdV-[CN:Fj:06]

DQ022611

GU990612

GU990613

GU990614

HM035059

HQ020409

HQ116414

HE580236

HM140367

HM140368

HM140369

AJ558116

AJ558117

AJ558123

AJ558124

AJ558125

AJ704604

AJ811439

AJ811914

AJ876548

AM691552

AM691553

AM691554

DQ641700

EU874386

FN256260

FN256261

FN297834

FN434083

GQ338766

GQ373254

GQ870288

HG003651

HQ162268

HQ162269

JF682837

JX128101

JX128102

JX294075

JX555979

KC857511

KC878473

KC878474

AJ558122

AM236779

AM236780

AM503104

AY650283

EF554783

GU972604

HM035060

**Papaya leaf curl Guangdong virus***Papaya leaf curl Guangdong virus**Papaya leaf curl Guangdong virus**Papaya leaf curl Guangdong virus**Papaya leaf curl Guangdong virus**Papaya leaf curl Guangdong virus**Papaya leaf curl Guangdong virus**Papaya leaf curl virus***Papaya leaf curl virus****Passionfruit severe leaf distortion virus****Pedilanthus leaf curl virus***Pedilanthus leaf curl virus**Pedilanthus leaf curl virus**Pedilanthus leaf curl virus**Pedilanthus leaf curl virus**Pedilanthus leaf curl virus**Pepper golden mosaic virus**Pepper golden mosaic virus**Pepper golden mosaic virus**Pepper golden mosaic virus**Pepper golden mosaic virus**Pepper golden mosaic virus*

Papaya leaf curl Guangdong virus - [China:Fujian:Euphorbia:2006]

Papaya leaf curl Guangdong virus - [China:Fujian 2:2008]

Papaya leaf curl Guangdong virus - [China:Guangdong F11:Tobacco:2008]

Papaya leaf curl Guangdong virus - [Taiwan:Euphorbia:2005]

Papaya leaf curl Guangdong virus - [Taiwan:Passiflora:2011]

Papaya leaf curl Guangdong virus - [Philippines:W1:2012]

Papaya leaf curl Guangdong virus - [Philippines:W4:2012]

Papaya leaf curl virus - Pakistan [Pakistan:Cotton:2002]

Papaya leaf curl virus - Croton[India: Croton]

Papaya leaf curl virus - Tomato [India:CTM:Tomato:2005]

Papaya leaf curl virus - Lucknow [India:Lucknow:2007]

Papaya leaf curl virus - India [India:Pataudi:Radish:2009]

Papaya leaf curl virus - Rhynchosia [Pakistan:Mianwali:Rhynchosia capitata:2007]

Papaya leaf curl virus - Rhynchosia [Pakistan:Miangwali 68:Rhynchosia capitata:2008]

Papaya leaf curl virus - Punjab [Pakistan:Punjab:Cro:2006]

Papaya leaf curl virus - India [India:Haryana4:Acalypha:2007]

Papaya leaf curl virus - India [India:Haryana:Acalypha:2007]

Papaya leaf curl virus - India [India:Haryana:Acalypha3:2007]

Papaya leaf curl virus - India [India:Haryana:Cyamopsis tetragonoloba:2007]

Papaya leaf curl virus - India [India:Haryana2:Acalypha:2007]

Papaya leaf curl virus - Lahore [Pakistan:Lahore:HYDNA:Alcea rosea:2006]

Papaya leaf curl virus - Pakistan [India:Pratapgarh:Crotalaria:2008]

Papaya leaf curl virus - Pakistan [India:Pratapgarh2:Crotalaria:2008]

Papaya leaf curl virus - Pakistan [India:Pratapgarh3:Crotalaria:2008]

Papaya leaf curl virus - Tobacco[India:Lucknow:Nicotiana glutinosa:2010]

Papaya leaf curl virus - Amaranthus [India:Lucknow:Amaranthus:2011]

Papaya leaf curl virus - India [India:Bhubaneswar:Chilli:2009]

Papaya leaf curl virus - Soybean [India:Lucknow:Soybean:2011]

Papaya leaf curl virus - India [India:Del:Cr:Cro2008]

Papaya leaf curl virus - A[India:WB:Cr:Croton:2008]

Papaya leaf curl virus - Croton[India:Bang:Cr2:Croton:2007]

Papaya leaf curl virus - Sikar [India:Sikar:Calotropis procera:2010]

Papaya leaf curl virus - Aster [India:Lucknow:Aster:2011]

Papaya leaf curl virus - India [India:New Delhi:Brassica rapa:2011]

Papaya leaf curl virus - Cirica [India:PaND13:2012]

**Papaya leaf curl virus - Lucknow [India:Lucknow]****Passionfruit severe leaf distortion virus - [Brazil:LSN 2:2001]****Pedilanthus leaf curl virus - [Pakistan:Multan:2006]**

Pedilanthus leaf curl virus - Soybean [Pakistan:Nawab Shah:Soybean:2009]

Pedilanthus leaf curl virus - Euphorbia [Pakistan:Rahim Yar Khan 1:Tomato:2004]

Pedilanthus leaf curl virus - Euphorbia [Pakistan:Faisalabad:Euphorbia:2007]

Pedilanthus leaf curl virus - [India:Crape jasmine:2011]

Pedilanthus leaf curl virus - [India:Cestrum nocturnum:2011]

Pepper golden mosaic virus - Costa Rica [Costa Rica]

Pepper golden mosaic virus - United States [United States:Mosaic:1987]

Pepper golden mosaic virus - United States [United States:Distortion:1987]

Pepper golden mosaic virus - Costa Rica [United States:Serano:1989]

Pepper golden mosaic virus - United States [United States:Mild Tigre:2006]

Pepper golden mosaic virus - United States [Mexico:Guanajuato 1: 2008]

PaLCuGdV-[CN:Fuj:Eu:06]

PaLCuGdV-[CN:Fj2:08]

PaLCuGdV-[CN:GdF11:Tb:08]

PaLCuGdV-[TW:Eup:05]

PaLCuGdV-[TW:Pas:11]

PaLCuGdV-[PH:W1:12]

PaLCuGdV-[PH:W4:12]

PaLCuV-PK[PK:Cot:02]

PaLCuV-Cro[IN:Cro]

PaLCuV-Tom[IN:CTM:Tom:06]

PaLCuV-Luc[IN:Luc:07]

PaLCuV-IN[IN:Pat:Rad:09]

PaLCuV-Rh[PK:Mia:Rc:07]

PaLCuV-Rh[PK:Mia68:Rc:07]

PaLCuV-Pun[PK:Pun:Cro:06]

PaLCuV-IN[IN:Har4:Aca:07]

PaLCuV-IN[IN:Har:Aca:07]

PaLCuV-IN[IN:Har:Aca3:07]

PaLCuV-IN[IN:Har:Ct:07]

PaLCuV-IN[IN:Har2:Aca:07]

PaLCuV-Lah[PK:Lah:HYDNA:Alc:06]

PaLCuV-IN[IN:Pra:Cro:08]

PaLCuV-IN[IN:Pra2:Cro:08]

PaLCuV-IN[IN:Pra3:Cro:08]

PaLCuV-Tob[IN:Luc:Nic:10]

PaLCuV-Ama[PK:Luc:Am:11]

PaLCuV-IN[IN:Bhu:Chi:09]

PaLCuV-Soy[IN:Luc:Soy:11]

PaLCuV-IN[IN:Del:Cr:Cro:08]

PaLCuV-A[IN:WB:Cr:Cro:08]

PaLCuV-Cro[IN:Ban:Cr2:Cro:07]

PaLCuV-Sik[IN:Sik:Cal:10]

PaLCuV-Ast[PK:Luc:As:11]

PaLCuV-IN[IN:New:Bra:11]

PaLCuV-Cir[IN:PaND13:12]

PaLCuV-Luc[IN:Luc]

PSLDV-[BR:LSN2:01]

PeLCV-[PK:Mul:06]

PeLCV-Sb[PK:NS:Sb:09]

PeLCV-Eu[PK:RYK1:To:04]

PeLCV-Eu[PK:Fai:Eu:07]

PeLCV-[IN:Cj:11]

PeLCV-[IN:Cn:11]

PepGMV-CR[CR]

PepGMV-US[US:Mos:87]

PepGMV-US[US:Dis:87]

PepGMV-CR[US:Ser:89]

PepGMV-US[US:Mt:06]

PepGMV-US[MX:Gua1:08]

FJ495184

FJ712189

FJ869907

JN703795

KC161184

KF446659

KF446660

AJ436992

AJ507777

DQ629102

EU727086

FJ593629

FM955601

FM955602

FN543112

FN645898

FN645901

FN645902

FN645915

FN645926

FN678906

GQ200446

GQ200447

GQ200448

HM143914

JN135233

JN663850

JN807765

JN817516

JN817517

JN831446

JQ407224

JQ954859

JX270684

KF307208

Y15934

FJ972767

FJ972768

AM712436

AM948961

DQ116884

FM164938

JN807764

JQ012790

AF149227

AY928512

AY928513

AY928514

AY928515

AY928516

EF210556

EF210557

GU128148

GU128147

<i>Pepper golden mosaic virus</i>	Pepper golden mosaic virus - United States [Mexico:Guanajuato 2: 2008]	PepGMV-US[MX:Gua2:08]	GU128149	
<i>Pepper golden mosaic virus</i>	Pepper golden mosaic virus - United States [Mexico:San Luis Potosi 1: 2009]	PepGMV-US[MX:SLP1:09]	GU564594	GU564595
<i>Pepper golden mosaic virus</i>	Pepper golden mosaic virus - [Costa Rica:Turrialba 2:2008]	PepGMV-[CR:Tur2:08]	JN688724	
<i>Pepper golden mosaic virus</i>	Pepper golden mosaic virus - [Costa Rica:Turrialba 1:2008]	PepGMV-[CR:Tur1:08]	JN688725	
<i>Pepper golden mosaic virus</i>	Pepper golden mosaic virus - [Costa Rica:Cervantes:2008]	PepGMV-[CR:Cer:08]	JN688726	
<i>Pepper golden mosaic virus</i>	Pepper golden mosaic virus - [Costa Rica:Tablon:2008]	PepGMV-[CR:Tab:08]	JN688727	
<i>Pepper golden mosaic virus</i>	Pepper golden mosaic virus - [Costa Rica:Llano Grande:2008]	PepGMV-[CR:LG:08]	JQ743486	
<b>Pepper golden mosaic virus</b>	<b>Pepper golden mosaic virus - Tamaulipas [Mexico:Tamaulipas]</b>	PepGMV-Tam[MX:Tam]	U57457	AF499442
<i>Pepper huasteco yellow vein virus</i>	Pepper huasteco yellow vein virus - [Mexico:Sinaloa:1988]	PHYVV-[MX:Sin:88]	AY044162	AY044163
<i>Pepper huasteco yellow vein virus</i>	Pepper huasteco yellow vein virus - [Mexico:Guanajuato 1: 2008]	PHYVV-[MX:Gua1:08]	GU128150	GU128146
<i>Pepper huasteco yellow vein virus</i>	Pepper huasteco yellow vein virus - [Mexico:San Luis Potosi:2011]	PHYVV-[MX:SLP:11]	JQ303122	
<b>Pepper huasteco yellow vein virus</b>	<b>Pepper huasteco yellow vein virus - [Mexico:Tamaulipas]</b>	PHYVV-[MX:Tam]	X70418	X70419
<b>Pepper leaf curl Bangladesh virus</b>	<b>Pepper leaf curl Bangladesh virus - Bangladesh [Bangladesh:Bogra:1999]</b>	PepLCBV-BD[BD:Bog:99]	AF314531	
<i>Pepper leaf curl Bangladesh virus</i>	Pepper leaf curl Bangladesh virus - [Pakistan:Lahore:2004]	PepLCBV-[PK:Lah:04]	AM404179	
<i>Pepper leaf curl Bangladesh virus</i>	Pepper leaf curl Bangladesh virus - [Pakistan:Lahore:2006]	PepLCBV-[PK:Lah:04]	AM491589	
<i>Pepper leaf curl Bangladesh virus</i>	Pepper leaf curl Bangladesh virus - [Pakistan:Faisalabad:2006]	PepLCBV-[PK:Fai:06]	AM691745	
<i>Pepper leaf curl Bangladesh virus</i>	Pepper leaf curl Bangladesh virus - Pakistan [Pakistan:Khanewal:2004]	PepLCBV-PK[PK:Kha:04]	DQ116881	
<i>Pepper leaf curl Bangladesh virus</i>	Pepper leaf curl Bangladesh virus - India [India:Coimbatore:2008]	PepLCBV-IN[IN:Coi:08]	HM007096	
<i>Pepper leaf curl Bangladesh virus</i>	Pepper leaf curl Bangladesh virus - India [India:Ghazipur:2007]	PepLCBV-IN[IN:Gaz:07]	HM007097	
<i>Pepper leaf curl Bangladesh virus</i>	Pepper leaf curl Bangladesh virus - India [India:Jabalpur:2008]	PepLCBV-IN[IN:Jab:08]	HM007101	
<i>Pepper leaf curl Bangladesh virus</i>	Pepper leaf curl Bangladesh virus - [India:Kanpur:Chilli:2008]	PapLCBV-[IN:Kan:Chi:08]	HM007106	
<i>Pepper leaf curl Bangladesh virus</i>	Pepper leaf curl Bangladesh virus - India [India:Mograhat:2007]	PepLCBV-IN[IN:Mog:07]	HM007111	
<i>Pepper leaf curl Bangladesh virus</i>	Pepper leaf curl Bangladesh virus - India [India:Chhapra:2010]	PepLCBV-IN[IN:Chh:10]	JN663853	
<i>Pepper leaf curl Bangladesh virus</i>	Pepper leaf curl Bangladesh virus - [India:Nagpur:2009]	PepLCBV-[IN:Nag:09]	JN663864	
<i>Pepper leaf curl Bangladesh virus</i>	Pepper leaf curl Bangladesh virus - [India:Solanum capsicastrum:2011]	PepLCBV-[IN:Sc:11]	JN880419	
<i>Pepper leaf curl Bangladesh virus</i>	Pepper leaf curl Bangladesh virus - [India:Lucknow:2012]	PepLCBV-[IN:Luc:12]	JX524173	
<b>Pepper leaf curl Lahore virus</b>	<b>Pepper leaf curl Lahore virus - [India:Lucknow:2011]</b>	PepLCLaV-[IN:Luc:11]	JN135234	
<b>Pepper leaf curl virus</b>	<b>Pepper leaf curl virus - Thailand [Thailand]</b>	PepLCV-TH[TH]	AF134484	
<i>Pepper leaf curl virus</i>	Pepper leaf curl virus - Malaysia [Malaysia:Klang:1997]	PepLCV-MY[MY:Kla:97]	AF414287	
<b>Pepper leaf curl Yunnan virus</b>	<b>Pepper leaf curl Yunnan virus - [China:Yunnan323:2007]</b>	PepLCYnV-[CN:Yn323:07]	FM585781	
<b>Pepper yellow leaf curl China virus</b>	<b>Pepper yellow leaf curl virus - [China:YN65-1:2010]</b>	PepYLCV-[CN:YN65-1:10]	KC149938	
<i>Pepper yellow leaf curl China virus</i>	Pepper yellow leaf curl China virus - [China:YN57-10:2010]	PepYLCCNV-[CN:YN57-10:10]	KC149939	
<i>Pepper yellow leaf curl China virus</i>	Pepper yellow leaf curl China virus - [China:YN57-4:2010]	PepYLCCNV-[CN:YN57-4:10]	KC149940	
<i>Pepper yellow leaf curl China virus</i>	Pepper yellow leaf curl China virus - [China:YN57-18:2010]	PepYLCCNV-[CN:YN57-18:10]	KC149941	
<b>Pepper yellow leaf curl Indonesia virus</b>	<b>Pepper yellow leaf curl Indonesia virus - [Indonesia:2005]</b>	PepYLCIV-[ID:05]	AB267834	AB267835
<i>Pepper yellow leaf curl Indonesia virus</i>	Pepper yellow leaf curl Indonesia virus - [Indonesia:Tomato:2005]	PepYLCIV-[ID:Tom:05]	AB267836	AB267837
<i>Pepper yellow leaf curl Indonesia virus</i>	Pepper yellow leaf curl Indonesia virus - [Indonesia:Ageratum:2005]	PepYLCIV-[ID:Age:05]	AB267838	AB267839
<i>Pepper yellow leaf curl Indonesia virus</i>	Pepper yellow leaf curl Indonesia virus - [Indonesia:Bogor:2000]	PepYLCIV-[ID:Bog:00]	DQ083764	
<i>Pepper yellow leaf curl Indonesia virus</i>	Pepper yellow leaf curl Indonesia virus - [Indonesia:Bogor:Tomato:2000]	PepYLCIV-[ID:Bog:Tom:00]	DQ083765	
<i>Pepper yellow vein Mali virus</i>	Pepper yellow vein Mali virus - [China:Fuzhou:Eclipta:2006]	PepYVMLV-[CN:Fuz:Ecl:06]	AM691547	
<i>Pepper yellow vein Mali virus</i>	Pepper yellow vein Mali virus - [China:Fuzhou:Capsicum:2006]	PepYVMLV-[CN:Fuz:Cap:06]	AM691548	
<i>Pepper yellow vein Mali virus</i>	Pepper yellow vein Mali virus - [China:Fuzhou:Bougainvillea:2006]	PepYVMLV-[CN:Fuz:Bou:06]	AM691549	
<i>Pepper yellow vein Mali virus</i>	Pepper yellow vein Mali virus - [China:Fuzhou:Phyllanthus:2006]	PepYVMLV-[CN:Fuz:Phy:06]	AM691550	
<i>Pepper yellow vein Mali virus</i>	Pepper yellow vein Mali virus - [China:Fuzhou:Eclipta:F26:2006]	PepYVMLV-[CN:Fuz:Ecl:F26:06]	AM691555	
<b>Pepper yellow vein Mali virus - [Mali]</b>	<b>Pepper yellow vein Mali virus - [Mali]</b>	PepYVMLV-[ML]	AY502935	
<i>Pepper yellow vein Mali virus</i>	Pepper yellow vein Mali virus - [Burkina Faso:Bazega:sweet pepper:2007]	PepYVMLV-[BF:Baz:sp:07]	FM876847	
<i>Pepper yellow vein Mali virus</i>	Pepper yellow vein Mali virus - [Burkina Faso:Bazega:hot pepper1:2007]	PepYVMLV-[BF:Baz:hp1:07]	FM876848	
<i>Pepper yellow vein Mali virus</i>	Pepper yellow vein Mali virus - [Burkina Faso:Ouaga:sweet pepper1:2007]	PepYVMLV-[BF:Oua:sp1:07]	FM876849	
<i>Pepper yellow vein Mali virus</i>	Pepper yellow vein Mali virus - [Burkina Faso:Ouaga:hot pepper:2008]	PepYVMLV-[BF:Oua:hp:08]	FM876850	

<i>Pepper yellow vein Mali virus</i>	Pepper yellow vein Mali virus - [Burkina Faso:Ouaga:sweet pepper2:2008]	PepYVMLV-[BF:Oua:sp2:08]	FM876851
<i>Pepper yellow vein Mali virus</i>	Pepper yellow vein Mali virus - [Burkina Faso:Bazega:hot pepper2:2008]	PepYVMLV-[BF:Baz:hp2:08]	FM876852
<i>Pepper yellow vein Mali virus</i>	Pepper yellow vein Mali virus - [Burkina Faso:Po:hot pepper1:2008]	PepYVMLV-[BF:Po:Hpe1:08]	FN555171
<b>Pepper yellow vein Mali virus</b>	Pepper yellow vein Mali virus - [Burkina Faso:Banfora:hot pepper1:2009]	PepYVMLV-[BF:Ban:Hpe1:09]	FN555172
<i>Pepper yellow vein Mali virus</i>	Pepper yellow vein Mali virus - [Burkina Faso:Banfora:hot pepper2:2009]	PepYVMLV-[BF:Ban:Hpe2:09]	FN555173
<i>Pepper yellow vein Mali virus</i>	Pepper yellow vein Mali virus - [Burkina Faso:Banfora:hot pepper3:2009]	PepYVMLV-[BF:Ban:Hpe3:09]	FN555174
<i>Potato yellow mosaic virus</i>	Potato yellow mosaic virus - [Trinidad and Tobago:Tomato:1996]	PYMV-[TT:Tom:96]	AF039032
<i>Potato yellow mosaic virus</i>	Potato yellow mosaic virus - Tomato [Guadeloupe:Tomato:2001]	PYMV-To[GP:Tom:01]	AY120882
<i>Potato yellow mosaic virus</i>	Potato yellow mosaic virus - Tomato [Puerto Rico:Tomato:2004]	PYMV-To[PR:Tom:04]	AY965897
<b>Potato yellow mosaic virus</b>	<b>Potato yellow mosaic virus - Potato [Venezuela:1991]</b>	PYMV-Po[VE:91]	D00940
<i>Potato yellow mosaic virus</i>	Potato yellow mosaic virus - Colombia [Colombia:Valle del Cauca:Tomato:2007]	PYMV-Co[CO:VdC:Tom:07]	EU518935
<i>Potato yellow mosaic virus</i>	Potato yellow mosaic virus - [Grenada:Paradise:2007]	PYMV-[GD:Par:07]	FR851299
<i>Potato yellow mosaic virus</i>	Potato yellow mosaic virus - [Grenada:Hermitage:2007]	PYMV-[GD:Her:07]	FR851300
<i>Potato yellow mosaic virus</i>	Potato yellow mosaic virus - [Colombia:Tuluca:2008]	PYMV-[CO:Tul:08]	JQ045705
<i>Potato yellow mosaic virus</i>	Potato yellow mosaic virus - [Panama:Divisa:Tomato:1996]	PYMV-[PA:Div:Tom:96]	Y15034
<b>Pouzolzia golden mosaic virus</b>	<b>Pouzolzia golden mosaic virus - [China:TY01:2012]</b>	PouGMV-[CN:TY01:12]	JX183732
<i>Pouzolzia golden mosaic virus</i>	Pouzolzia golden mosaic virus - [China:TY02:2012]	PouGMV-[CN:TY02:12]	JX183733
<i>Pouzolzia golden mosaic virus</i>	Pouzolzia golden mosaic virus - [Vietnam:2012]	PouGMV-[VN:12]	KC857508
<b>Pouzolzia mosaic Guangdong virus</b>	<b>Pouzolzia mosaic Guangdong virus - [Taiwan:Miaoli:ML13W1:2013]</b>	PouMGDV-[TW:Mia:ML13W1:13]	KF414123
<b>Premna leaf curl virus</b>	<b>Premna leaf curl virus - [Vietnam:VN7:2011]</b>	PreLCV-[VN:VN7:11]	JQ793786
<b>Pumpkin yellow mosaic Malaysia virus</b>	<b>Pumpkin yellow mosaic virus - [Malaysia:Negeri Sembilan:2001]</b>	PuYMV-[MY:Neg:01]	EF197941
<b>Radish leaf curl virus</b>	<b>Radish leaf curl virus - [India:Varanasi:2005]</b>	RaLCuV-[IN:Var:03]	EF175733
<i>Radish leaf curl virus</i>	Radish leaf curl virus - [India:Bihar:2009]	RaLCuV-[IN:Bih:09]	GU732203
<i>Radish leaf curl virus</i>	Radish leaf curl virus - Tomato [Pakistan:Bihar:Tomato:2009]	RaLCuV-To[PK:Bih:To:09]	GU732204
<i>Radish leaf curl virus</i>	Radish leaf curl virus - [India:Bih06:2010]	RaLCuV-[IN:Bih06:10]	HQ257375
<i>Radish leaf curl virus</i>	Radish leaf curl virus - [India:Varanasi]	RaLCuV-[IN:Var]	HQ682190
<i>Radish leaf curl virus</i>	Radish leaf curl virus - [India:Varanasi2:Capsicum annum:2010]	RaLCuV-[IN:Var2:Ca:10]	HQ698591
<i>Radish leaf curl virus</i>	Radish leaf curl virus - [India:Labls0:2011]	RaLCuV-[IN:Labls0:11]	JQ411026
<i>Radish leaf curl virus</i>	Radish leaf curl virus - [India:Sikar:GD2:2012]	RaLCuV-[IN:Sik:GD2:12]	KF218188
<b>Rhynchosia golden mosaic Havana virus</b>	<b>Rhynchosia golden mosaic Havana virus - [Cuba:Havana:2007]</b>	RhGMHaV-[CU:Hav:07]	HM236368
<i>Rhynchosia golden mosaic virus</i>	Rhynchosia golden mosaic virus - Tobacco [Honduras:1999]	RnGMV-Tob[HN:99]	AF239671
<i>Rhynchosia golden mosaic virus</i>	Rhynchosia golden mosaic virus - Tobacco [Mexico:Chiapas:Tobacco]	RhGMV-Tob[MX:Chi:Tob]	AF408199
<b>Rhynchosia golden mosaic virus</b>	<b>Rhynchosia golden mosaic virus - Mexico [Mexico:Sinaloa:2005]</b>	RhGMV-MX[MX:Sin:05]	DQ347950
<i>Rhynchosia golden mosaic virus</i>	Rhynchosia golden mosaic virus - Soybean [Mexico:Sinaloa 4:Soybean:2007]	RhGMV-Sb[MX:Sin4:Sb:07]	EU339936
<i>Rhynchosia golden mosaic virus</i>	Rhynchosia golden mosaic virus - Mexico [Mexico:Sinaloa 2:2007]	RhGMV-MX[MX:Sin2:07]	EU339938
<i>Rhynchosia golden mosaic virus</i>	Rhynchosia golden mosaic virus - Mexico [Mexico:Sinaloa 3:2007]	RhGMV-MX[MX:Sin3:07]	EU339939
<b>Rhynchosia mild mosaic virus</b>	<b>Rhynchosia mild mosaic virus - [Puerto Rico:PR79:1997]</b>	RhMMV-[PR:PR79:97]	FJ944019
<b>Rhynchosia rugose golden mosaic virus</b>	<b>Rhynchosia rugose golden mosaic virus - [Cuba:Camaguey:2009]</b>	RhRGMV-[CU:Cam:09]	HM236370
<b>Rhynchosia yellow mosaic India virus</b>	<b>Rhynchosia yellow mosaic India virus - [India:Thiruvananthapuram:JRH1:2009]</b>	RhYMI V-[IN:Thi:JRH1:09]	HM777508
<i>Rhynchosia yellow mosaic India virus</i>	Rhynchosia yellow mosaic India virus - [India:Thiruvananthapuram:JRH9:2009]	RhYMI V-[IN:Thi:JRH9:09]	HM777509
<b>Rhynchosia yellow mosaic virus</b>	<b>Rhynchosia yellow mosaic virus - [Pakistan:Lahore33:2007]</b>	RhYMV-[PK:Lah33:07]	AM999981
<i>Rhynchosia yellow mosaic virus</i>	Rhynchosia yellow mosaic virus - [Pakistan:Lahore32:2007]	RhYMV-[PK:Lah32:07]	FM208847
<b>Rose leaf curl virus</b>	<b>Rose leaf curl virus - [Pakistan:Faisalabad:2006]</b>	RoLCuV-[PK:Fai:06]	GQ478342
<i>Rose leaf curl virus</i>	Rose leaf curl virus - [India:Rajasthan:Sikar AS22:2013]	RoLCuV-[IN:Raj:SikAS22:13]	KF584008
<b>Sauropus leaf curl virus</b>	<b>Sauropus leaf curl virus - [Thailand:Kamphaengsaen:AFSP5e:2010]</b>	SauLCuV-[TH:Kam:AFSP5e:10]	JN809820
<i>Sauropus leaf curl virus</i>	Sauropus leaf curl virus - [Thailand:Kamphaengsaen:SP6e:2010]	SauLCuV-[TH:Kam:SP6e:10]	JN809823
<i>Sauropus leaf curl virus</i>	Sauropus leaf curl virus - [Thailand:Kamphaengsaen:AFSP7e:2010]	SauLCuV-[TH:Kam:AFSP7e:10]	JN809825
<i>Sauropus leaf curl virus</i>	Sauropus leaf curl virus - [Thailand:Kamphaengsaen:AFSP8e:2010]	SauLCuV-[TH:Kam:AFSP8e:10]	JN809827
<b>Senecio yellow mosaic virus</b>	<b>Senecio yellow mosaic virus - [China:Guangxi 46:2003]</b>	SeYMV-[CN:Gx46:03]	AJ876550



**Sida ciliaris golden mosaic virus**

**Sida common mosaic virus**

*Sida common mosaic virus*

*Sida common mosaic virus*

*Sida common mosaic virus*

*Sida common mosaic virus*

*Sida common mosaic virus*

*Sida golden mosaic Braco virus*

*Sida golden mosaic Braco virus*

**Sida golden mosaic Braco virus**

**Sida golden mosaic Brazil virus**

**Sida golden mosaic Backup virus**

*Sida golden mosaic Backup virus*

**Sida golden mosaic Costa Rica virus**

*Sida golden mosaic Florida virus*

**Sida golden mosaic Florida virus**

*Sida golden mosaic Florida virus*

*Sida golden mosaic Florida virus*

**Sida golden mosaic Lara virus**

**Sida golden mosaic virus**

*Sida golden mosaic virus*

*Sida golden mosaic virus*

**Sida golden mottle virus**

**Sida golden yellow vein virus**

*Sida golden yellow vein virus*

*Sida golden yellow vein virus*

*Sida golden yellow vein virus*

*Sida golden yellow vein virus*

*Sida golden yellow vein virus*

*Sida golden yellow vein virus*

*Sida golden yellow vein virus*

**Sida leaf curl virus**

*Sida leaf curl virus*

*Sida leaf curl virus*

*Sida leaf curl virus*

**Sida micrantha mosaic virus**

*Sida micrantha mosaic virus*

*Sida micrantha mosaic virus*

*Sida micrantha mosaic virus*

*Sida micrantha mosaic virus*

*Sida micrantha mosaic virus*

*Sida micrantha mosaic virus*

*Sida micrantha mosaic virus*

*Sida micrantha mosaic virus*

*Sida micrantha mosaic virus*

*Sida micrantha mosaic virus*

*Sida micrantha mosaic virus*

*Sida micrantha mosaic virus*

*Sida micrantha mosaic virus*

**Sida ciliaris golden mosaic virus - [Venezuela:Lara:M3:2009]**

**Sida common mosaic virus - [Brazil:Coimbra 4:2007]**

Sida common mosaic virus - [Brazil:Vicosa3:10]

Sida common mosaic virus - [Brazil:Vicosa4:10]

Sida common mosaic virus - [Brazil:Vicosa5:10]

Sida common mosaic virus - [Brazil:Vicosa8:10]

Sida common mosaic virus - [Brazil:Coimbra5:07]

Sida golden mosaic Braco virus - [Jamaica:Liguanea:A6:2008]

Sida golden mosaic Braco virus - [Jamaica:Liguanea:A3:2008]

**Sida golden mosaic Braco virus - [Jamaica:Liguanea:A4:2008]**

**Sida golden mosaic Brazil virus - [Brazil:Mato Grosso do Sul:2007]**

**Sida golden mosaic Backup virus - [Jamaica:St Elizabeth 1:2004]**

Sida golden mosaic Backup virus - [Jamaica:St Elizabeth 2:2004]

**Sida golden mosaic Costa Rica virus - [Costa Rica]**

Sida golden mosaic Florida virus - [Cuba:Pinar del Rio 04A2C1201:2007]

**Sida golden mosaic Florida virus - Malvastrum [Cuba:Havana:Malvastrum:111:2009]**

Sida golden mosaic Florida virus - [Cuba:Havana:Malvastrum 123:2009]

Sida golden mosaic Florida virus - [United States:Homestead:A1]

**Sida golden mosaic Lara virus - [Venezuela:Lara:M1:2009]**

**Sida golden mosaic virus - [United States:Florida]**

Sida golden mosaic virus - [PR:2004]

Sida golden mosaic virus - [United States:Florida:Phaseolus:2006]

**Sida golden mottle virus - [United States:Florida:Bradenton:1997]**

**Sida golden yellow vein virus - [Cuba:Havana]**

Sida golden yellow vein virus - [Cuba:Trinidad 05A1C1202:2007]

Sida golden yellow vein virus - [United States:Homestead:VEM1:2009]

Sida golden yellow vein virus - [Jamaica:Liguanea 2:2008]

Sida golden yellow vein virus - [Jamaica:1:2008]

Sida golden yellow vein virus - Malvastrum [CU:Camaguey 177:09]

Sida golden yellow vein virus - Malvastrum [CU:Camaguey 177-1:09]

Sida golden yellow vein virus - [United States:Homestead:A11]

**Sida leaf curl virus - [China:Hainan 57:2004]**

Sida leaf curl virus - [India:Madurai:2005]

Sida leaf curl virus - [Vietnam:Thanhhoa 61:2005]

Sida leaf curl virus - [Vietnam:Thanhhoa 62:2005]

**Sida micrantha mosaic virus - [Brazil:A2B2]**

Sida micrantha mosaic virus - [Brazil:Okra:2007]

Sida micrantha mosaic virus - [Brazil:Santo Antonio de Goias 3:Soybean:2008]

Sida micrantha mosaic virus - [Brazil:Mato Grosso do Sul:Sida rhombifolia:2007]

Sida micrantha mosaic virus - [Brazil:Mato Grosso do Sul:2007]

Sida micrantha mosaic virus - [Brazil:bean:GO60:2003]

Sida micrantha mosaic virus - [Brazil:Mato Grosso do Sul 2:2007]

Sida micrantha mosaic virus - Rhombifolia [Bolivia:Boyube-Villamontes:2007]

Sida micrantha mosaic virus - Rhombifolia [Bolivia:Cerro Fraile 1:2007]

Sida micrantha mosaic virus - Rhombifolia [Bolivia:Cerro Fraile 2:2007]

Sida micrantha mosaic virus - Santarensis [BR:GO:Luziania 780:2003]

Sida micrantha mosaic virus - Santarensis [BR:GO:Luziania:780Si4a:2008]

Sida micrantha mosaic virus - Santarensis [BR:GO:Luziania:780Si4b:2008]

Sida micrantha mosaic virus - [BR:Paty do Alferes 37:2005]

SiCGMV-[VE:Lar:M3:09]

SiCMV-[BR:CoI4:07]

SiCMV-[BR:Vic3:10]

SiCMV-[BR:Vic4:10]

SiCMV-[BR:Vic5:10]

SiCMV-[BR:Vic8:10]

SiCmMV-[BR:CoI5:07]

SiGMBcV-[JM:Lin:A6:08]

SiGMBcV-[JM:Lin:A3:08]

SiGMBcV-[JM:Lin:A4:08]

SiGMBRV-[BR:MS:07]

SiGMBuV-[JM:SE1:04]

SiGMBuV-[JM:SE2:04]

SiGMCRV-[CR]

SiGMFIV-[CU:PdR04A2C1201:07]

SiGMFIV-Malv[CU:Hav:Mal:111:09]

SiGMFIV-[CU:Hav:Mal123:09]

SiGMFIV-[US:Hom:A1]

SiGMLaV-[VE:Lar:M1:09]

SiGMV-[US:Flo]

SiGMV-[PR:04]

SiGMV-[US:Flo:Pha:06]

SiGMoV-[US:Flo:Bra:97]

SiGYVV-[CU:Hav]

SiGYVV-[CU:Tri05A1C1202:07]

SiGYVV-[US:Hom:VEM1:09]

SiGYVV-[JM:Lin2:08]

SiGYVV-[JM:1:08]

SiGYVV-Malv[CU:Cam177:09]

SiGYVV-Malv[CU:Cam177-1:09]

SiGYVV-[US:Hom:A11]

SiLCuV-[CN:Hn57:04]

SiLCuV-[IN:Mad:05]

SiLCuV-[VN:Tan61:05]

SiLCuV-[VN:Tan62:05]

SiMMV-[BR:A2B2]

SiMMV-[BR:Okra:07]

SiMMV-[BR:Sag3:Sb:08]

SiMMV-[BR:MS:Sr:07]

SiMMV-[BR:MS:07]

SiMMV-[BR:be:GO60:03]

SiMMV-[BR:MS2:07]

SiMMV-Rho[Bo:BV:07]

SiMMV-Rho[Bo:CF1:07]

SiMMV-Rho[Bo:CF2:07]

SiMMV-San[BR:GO:Luz780:03]

SiMMV-San[BR:GO:Luz780Si4a:03]

SiMMV-San[BR:GO:Luz780Si4b:03]

SiMMV-[BR:Pda37:05]

JX857691

EU710751

JX871370

JX871371

JX871372

JX871373

KC706531

HQ009521

JX162594

JX162595

FN436001

HQ008338

JX162591

X99550

HE806442

HM003779

HM359015

U77963

JX857693

AF049336

AY965900

GQ357649

GU997691

AJ577395

HE806444

HM859902

HQ009519

HQ009522

HQ896203

JN411689

U77964

AM050730

AM259382

DQ641706

DQ641707

AJ557451

EU908733

FJ686693

FN436003

FN436005

HM357459

HM548433

HM585431

HM585437

HM585439

JX415187

JX415194

JX415195

KC706535

HQ009518

X99551

HM003778

HM359016

AF039841

AY965901

GU997692

HQ009520

JF907582

JN411690

AJ557453

EU908734

FJ686694

FN436004

FN436006

<i>Sida micrantha mosaic virus</i>	Sida micrantha mosaic virus - [BR:Paty do Alferes 43:2005]	SiMMV-[BR:Pda43:05]	KC706536
<i>Sida micrantha mosaic virus</i>	Sida micrantha mosaic virus - [BR:Paty do Alferes 8:2005]	SiMMV-[BR:Pda8:05]	KC706537
<b><i>Sida mosaic Bolivia virus 1</i></b>	<b>Sida mosaic Bolivia virus 1 - [Bolivia:Sida micrantha:2007]</b>	SiMBoV1-[BO:mic:07]	HM585441
<b><i>Sida mosaic Bolivia virus 2</i></b>	<b>Sida mosaic Bolivia virus 2 - [Bolivia:Sida micrantha:2007]</b>	SiMBoV2-[BO:mic:07]	HM585443
<b><i>Sida mosaic Sinaloa virus</i></b>	<b>Sida mosaic Sinaloa virus - [Mexico:Guasave:2006]</b>	SiMSiV-[MX:Gua:06]	DQ520944 DQ356428
<i>Sida mottle Alagoas virus</i>	Sida mottle Alagoas virus - [BR:Alagoas:Vicoso 1:2010]	SiMoAV-[BR:AL:Vsa1:10]	JX871384
<b><i>Sida mottle Alagoas virus</i></b>	<b>Sida mottle Alagoas virus - [BR:Alagoas:Vicoso 2:2010]</b>	SiMoAV-[BR:AL:Vsa2:10]	JX871385
<i>Sida mottle Alagoas virus</i>	Sida mottle Alagoas virus - [BR:Alagoas:Maragogipe 1:2010]	SiMoAV-[BR:AL:Mar1:10]	JX871386
<i>Sida mottle Alagoas virus</i>	Sida mottle Alagoas virus - [BR:Alagoas:Maragogipe 2:2010]	SiMoAV-[BR:AL:Mar2:10]	JX871387
<i>Sida mottle Alagoas virus</i>	Sida mottle Alagoas virus - [BR:Alagoas:Maragogipe 3:2010]	SiMoAV-[BR:AL:Mar3:10]	JX871388
<b><i>Sida mottle virus</i></b>	<b>Sida mottle virus - Micrantha [Brazil:A1B3]</b>	SiMoV-Mic[BR:A1B3]	AJ557450 AJ557454
<i>Sida mottle virus</i>	Sida mottle virus - Rhombifolia [Brazil:Vicoso 1:1999]	SiMoV-Rho[BR:Vic1:99]	AY090555
<i>Sida mottle virus</i>	Sida mottle virus - Micrantha [Brazil:Sao Paulo 77:2008]	SiMoV-Mic[BR:SP77:08]	FN557522 FN557523
<i>Sida yellow blotch virus</i>	Sida yellow blotch virus - [Brazil:BgV02A1C59]	SiYBV-[BR:C59]	JF694471
<i>Sida yellow blotch virus</i>	Sida yellow blotch virus - [Brazil:BgV02A1C61]	SiYBV-[BR:C61]	JF694472
<b><i>Sida yellow blotch virus</i></b>	<b>Sida yellow blotch virus - [Brazil:Rio Largo 1:2010]</b>	SiYBV-[BR:Rla1:10]	JX871380
<i>Sida yellow blotch virus</i>	Sida yellow blotch virus - [Brazil:Rio Largo 2:2010]	SiYBV-[BR:Rla2:10]	JX871381
<i>Sida yellow blotch virus</i>	Sida yellow blotch virus - [Brazil:Cha Preta 1:2010]	SiYBV-[BR:Chp1:10]	JX871382
<b><i>Sida yellow leaf curl virus</i></b>	<b>Sida yellow leaf curl virus - [Brazil:Coimbra3:2007]</b>	SiYLCV-[BR:Coi3:07]	EU710750
<i>Sida yellow leaf curl virus</i>	Sida yellow leaf curl virus - [Brazil:Coimbra 1:2007]	SiYLCV-[BR:Coi1:07]	KC706538
<i>Sida yellow leaf curl virus</i>	Sida yellow leaf curl virus - [Brazil:Coimbra 2:2007]	SiYLCV-[BR:Coi2:07]	KC706539
<b><i>Sida yellow mosaic Alagoas virus</i></b>	<b>Sida yellow mosaic Alagoas virus - [Brazil:Alagoas:Vicoso 3:2010]</b>	SiYMAV-[BR:AL:Vsa3:10]	JX871383
<i>Sida yellow mosaic China virus</i>	Sida yellow mosaic China virus - [China:Hainan 8:2003]	SiYMCNV-[CN:Hn8:03]	AJ810096
<b><i>Sida yellow mosaic China virus</i></b>	<b>Sida yellow mosaic China virus - [China:Hainan 7:Ageratum:2003]</b>	SiYMCNV-[CN:Hn7:Age:03]	AM048837
<b><i>Sida yellow mosaic virus</i></b>	<b>Sida yellow mosaic virus - [Brazil:Vicoso 2:1999]</b>	SiYMV-[BR:Vic2:99]	AY090558
<i>Sida yellow mosaic virus</i>	Sida yellow mosaic virus - [Brazil:MCR7:Leonurus:2009]	SiYMV-[BR:MCR7:Le:09]	JX513952
<i>Sida yellow mosaic virus</i>	Sida yellow mosaic virus - [Brazil:Vicoso 1:2010]	SiYMV-[BR:Vic1:10]	JX871369
<i>Sida yellow mosaic virus</i>	Sida yellow mosaic virus - [Brazil:Vicoso2:2010]	SiYMV-[BR:Vic2:10]	JX871376
<i>Sida yellow mosaic virus</i>	Sida yellow mosaic virus - [Brazil:Vicoso10:2010]	SiYMV-[BR:Vic10:10]	JX871377
<i>Sida yellow mosaic virus</i>	Sida yellow mosaic virus - [Brazil:Vicoso11:2010]	SiYMV-[BR:Vic11:10]	JX871378
<i>Sida yellow mosaic virus</i>	Sida yellow mosaic virus - [Brazil:Jaiba561:2008]	SiYMV-[BR:Jai561:08]	KC706628
<b><i>Sida yellow mosaic Yucatan virus</i></b>	<b>Sida yellow mosaic Yucatan virus - [Mexico:Yucatan:2005]</b>	SiYMYuV-[MX:Yuc:05]	DQ875872 DQ875873
<i>Sida yellow mottle virus</i>	Sida yellow mottle virus - [Cuba:Vinales:02A-1-C1204:2007]	SiYMoV-[CU:Vin:02A-1-C1204:07]	HE806448
<i>Sida yellow mottle virus</i>	Sida yellow mottle virus - [Cuba:Sancti Spiritus159:2009]	SiYMoV-[CU:SSp159:09]	HQ822123 HQ822124
<b><i>Sida yellow mottle virus</i></b>	<b>Sida yellow mottle virus - [Cuba:Sancti Spiritus159-1:2009]</b>	SiYMoV-[CU:SSp159-1:09]	JN411687 JN411688
<b><i>Sida yellow vein Vietnam virus</i></b>	<b>Sida yellow vein Vietnam virus - [Vietnam:Hanoi:2005]</b>	SiYVVV-[VN:Han:05]	DQ641696
<i>Sida yellow vein virus</i>	Sida yellow vein virus - [Honduras]	SiYVV-[HN]	Y11097 Y11098
<b><i>Sida yellow vein virus</i></b>	<b>Sida yellow vein virus - [Honduras:yellow vein]</b>	SiYVV-[HN:yv]	Y11099 Y11100
<b><i>Sidastrum golden leaf spot virus</i></b>	<b>Sidastrum golden leaf spot virus - [Brazil:DF334:2010]</b>	SidGLSV-[BR:DF334:10]	HM357458
<b><i>Siegesbeckia yellow vein Guangxi virus</i></b>	<b>Siegesbeckia yellow vein Guangxi virus - [China:Guangxi 111:2005]</b>	SgYVGxV-[CN:Gx111:05]	AM238692
<b><i>Siegesbeckia yellow vein virus</i></b>	<b>Siegesbeckia yellow vein virus - [China:Guangdong 13:2004]</b>	SgYVV-[CN:Gd13:04]	AM183224
<i>Siegesbeckia yellow vein virus</i>	Siegesbeckia yellow vein virus - [China:Guangdong 24:2004]	SgYVV-[CN:Gd24:04]	AM230634
<i>Siegesbeckia yellow vein virus</i>	Siegesbeckia yellow vein virus - [China:Guangdong 27:2004]	SgYVV-[CN:Gd27:04]	AM230635
<i>Siegesbeckia yellow vein virus</i>	Siegesbeckia yellow vein virus - [China:Fz11:2008]	SgYVV-[CN:Fz11:08]	JF682838
<i>Siegesbeckia yellow vein virus</i>	Siegesbeckia yellow vein virus - [China:Guandong:GZ01:2008]	SgYVV-[CN:Fz11:08]	JX294076
<i>Siegesbeckia yellow vein virus</i>	Siegesbeckia yellow vein virus - [China:FZ02:2012]	SgYVV-[CN:FZ02:12]	KF499579
<b><i>Solanum mosaic Bolivia virus</i></b>	<b>Solanum mosaic Bolivia virus - [Bolivia:2007]</b>	SoMBoV-[BO:07]	HM585435
<i>South African cassava mosaic virus</i>	South African cassava mosaic virus - [South Africa]	SACMV-[ZA]	AF155806 AF155807
<b><i>South African cassava mosaic virus</i></b>	<b>South African cassava mosaic virus - [Madagascar:12]</b>	SACMV-[MG:12]	AJ422132

South African cassava mosaic virus

**Soybean blistering mosaic virus**

**Soybean chlorotic blotch virus**

Soybean chlorotic blotch virus

Soybean chlorotic blotch virus

Soybean chlorotic blotch virus

**Soybean mild mottle virus**

Species name

**Spilanthes yellow vein virus**

**Spinach yellow vein Sikar virus**

Squash leaf curl China virus

Squash leaf curl China virus

Squash leaf curl China virus

Squash leaf curl China virus

Squash leaf curl China virus

**Squash leaf curl China virus**

Squash leaf curl China virus

Squash leaf curl China virus

Squash leaf curl China virus

Squash leaf curl China virus

Squash leaf curl China virus

Squash leaf curl China virus

Squash leaf curl China virus

Squash leaf curl China virus

Squash leaf curl China virus

Squash leaf curl China virus

Squash leaf curl China virus

Squash leaf curl China virus

Squash leaf curl China virus

Squash leaf curl China virus

Squash leaf curl China virus

Squash leaf curl Philippines virus

Squash leaf curl Philippines virus

Squash leaf curl Philippines virus

Squash leaf curl Philippines virus

Squash leaf curl Philippines virus

Squash leaf curl Philippines virus

**Squash leaf curl Philippines virus**

Squash leaf curl Philippines virus

Squash leaf curl virus

Squash leaf curl virus

Squash leaf curl virus

**Squash leaf curl virus**

Squash leaf curl virus

Squash leaf curl virus

Squash leaf curl virus

Squash leaf curl virus

Squash leaf curl virus

Squash leaf curl virus

Squash leaf curl virus

South African cassava mosaic virus - [Zimbabwe:Muzarabani:2003]

**Soybean blistering mosaic virus - [Argentina:NOA:2005]**

**Soybean chlorotic blotch virus - [Nigeria:Soybean 19:2007]**

Soybean chlorotic blotch virus - [Nigeria:Centrosema 1:2007]

Soybean chlorotic blotch virus - [Nigeria:Phaseolus lunatus 1:2011]

Soybean chlorotic blotch virus - [Nigeria:Phaseolus lunatus 7:2011]

**Soybean mild mottle virus - [Nigeria:Soybean 17:2007]**

**Isolate name (type isolate for each species in bold)**

**Spilanthes yellow vein virus - [Vietnam:Dalat:2005]**

**Spinach yellow vein Sikar virus - [India:Sikar:AS22]**

Squash leaf curl China virus - China [China:Guangxi:2002]

Squash leaf curl China virus - China [Thailand:06]

Squash leaf curl China virus - China [Vietnam:K]

Squash leaf curl China virus - China [Vietnam:B]

Squash leaf curl China virus - China [China:Hainan61:2005]

**Squash leaf curl China virus - China [China:Guangxi25:2005]**

Squash leaf curl China virus - India [Pakistan:Lahore:2004]

Squash leaf curl China virus - India [India:Coimbatore:Pumpkin]

Squash leaf curl China virus - India [India:Lucknow:Pumpkin]

Squash leaf curl China virus - China [Malaysia:Negeri Sembilan:2001]

Squash leaf curl China virus - [Philippines:Benguet:P54]

Squash leaf curl China virus - Thailand [Thailand:Nakhon Pathom:Wax Gourd:2007]

Squash leaf curl China virus - India [India:Varanasi:Pumpkin:2008]

Squash leaf curl China virus - India [India:Varanasi:Pumpkin2:2008]

Squash leaf curl China virus - China [China:2010]

Squash leaf curl China virus - [India:pumpkin:IARI:2010]

Squash leaf curl China virus - [China:GZ01:2011]

Squash leaf curl China virus - [Vietnam:Hanoi:2012]

Squash leaf curl China virus - [China:Cucumis melo:HA1:2012]

Squash leaf curl China virus - [China:Cucumis melo:HA3:2012]

Squash leaf curl China virus - [China:Benincasa hispida:KP1:2013]

Squash leaf curl Philippines virus - [Philippines:Munoz]

Squash leaf curl Philippines virus - [Taiwan:Pumpkin:05]

Squash leaf curl Philippines virus - [Taiwan:Shanhua:06]

Squash leaf curl Philippines virus - [Taiwan:Benincasa:06]

Squash leaf curl Philippines virus - [Taiwan:Yunlin:07]

Squash leaf curl Philippines virus - [Philippines:Laguna P88:2007]

**Squash leaf curl Philippines virus - [Philippines:Batangas P133:Pumpkin:2007]**

Squash leaf curl Philippines virus - [Taiwan:1-1]

Squash leaf curl virus - [United States:Arizona:W:2004]

Squash leaf curl virus - [United States:Imperial Valley:2004]

Squash leaf curl virus - [Egypt:Cairo:2006]

**Squash leaf curl virus - [Jordan:Malva:2006]**

Squash leaf curl virus - [Lebanon:2009]

Squash leaf curl virus - [Israel:2003]

Squash leaf curl virus - [Jordan:Sinapis arvensis:2011]

Squash leaf curl virus - [Jordan:Homra:2011]

Squash leaf curl virus - [Palestine:2010]

Squash leaf curl virus - [Egypt:Ismaili:2012]

SACMV-[ZW:Muz:03]

SbBMV-[AR:NOA:05]

SbCBV-[NG:Sb19:07]

SbCBV-[NG:Cen1:07]

SbCBV-[NG:Plun1:11]

SbCBV-[NG:Plun7:11]

SbMMoV-[NG:Sb17:07]

**Acronym**

SpYVV-[VN:Dal:05]

SpiYVSKV-[IN:Sik:AS22]

SLCCNV-[CN:Gx:02]

SLCCNV-[CN:TH:06]

SLCCNV-[CN:VN:K]

SLCCNV-[CN:VN:B]

SLCCNV-[CN:Hn61:05]

SLCCNV-[CN:Gx25:05]

SLCCNV-IN[PK:Lah:04]

SLCCNV-IN[IN:Coi:Pum]

SLCCNV-IN[IN:Luc:Pum]

SLCCNV-[CN:ML:Neg:01]

SLCCNV-[PH:Ben:P54]

SLCCNV-[TH:TH:NP:WG:07]

SLCCNV-IN[IN:Var:Pum:08]

SLCCNV-IN[IN:Var:Pum2:08]

SLCCNV-[CN:CN:10]

SLCCNV-[IN:Ppk:IARI:10]

SLCCNV-[CN:GZ01:11]

SLCCNV-[VN:Hanoi:12]

SLCCNV-[CN:CM:HA1:12]

SLCCNV-[CN:CM:HA3:12]

SLCCNV-[CN:Bh:KP1:13]

SLCuPV-[PH:Mun]

SLCuPV-[TW:Pum:05]

SLCuPV-[TW:Sha:06]

SLCuPV-[TW:Ben:06]

SLCuPV-[TW:Yun:07]

SLCuPV-[PH:LagP88:07]

SLCuPV-[PH:BatP133:Pum:07]

SLCuPV-[TW:1-1]

SLCuV-[US:AZ:W:04]

SLCuV-[US:IV:04]

SLCuV-[EG:Cai:06]

SLCuV-[JD:Mal:06]

SLCuV-[LB:09]

SLCuV-[IL:03]

SLCuV-[JO:Sarv:11]

SLCuV-[JO:Hra:11]

SLCuV-[PL:10]

SLCuV-[EG:Ism:12]

AJ575560

EF016486

GQ472985

GQ472987

KC508642

KC508643

GQ472984

**Genbank # DNA-A Genbank # DNA-B**

DQ641694

KF660223

AB027465

AB330078

AF509741

AF509743

AM260205

AM260206

AM286794

AY184487

DQ026296

EF197940

EU487031

EU543562

EU573715

GU967381

HM566112

JN587811

KC171648

KC857509

KF184992

KF184993

KF188433

AB085793

DQ866135

EF199774

EU310406

EU479710

EU487033

EU487041

JF746195

AF256203

DQ285016

DQ285019

EF532620

HM368373

HQ184436

JX131281

JX444577

KC441465

KC895398

GQ472986

GQ472988

AF509742

AM260207

AM260208

AM778959

AY184488

FJ859881

GU967382

HM566113

AB085794

EU479711

DQ285018

DQ285017

EF532621

HM368374

*Squash leaf curl virus*

***Squash leaf curl Yunnan virus***

***Squash mild leaf curl virus***

*Squash mild leaf curl virus*

*Sri Lankan cassava mosaic virus*

***Sri Lankan cassava mosaic virus***

*Sri Lankan cassava mosaic virus*

*Sri Lankan cassava mosaic virus*

*Sri Lankan cassava mosaic virus*

*Sri Lankan cassava mosaic virus*

*Sri Lankan cassava mosaic virus*

*Sri Lankan cassava mosaic virus*

*Sri Lankan cassava mosaic virus*

*Sri Lankan cassava mosaic virus*

*Stachytarpheta leaf curl virus*

*Stachytarpheta leaf curl virus*

*Stachytarpheta leaf curl virus*

***Stachytarpheta leaf curl virus***

*Stachytarpheta leaf curl virus*

*Sunn hemp leaf distortion virus*

***Sunn hemp leaf distortion virus***

*Sunn hemp leaf distortion virus*

*Sunn hemp leaf distortion virus*

***Sweet potato leaf curl Canary virus***

*Sweet potato leaf curl Canary virus*

*Sweet potato leaf curl Canary virus*

*Sweet potato leaf curl Canary virus*

***Sweet potato leaf curl China virus***

*Sweet potato leaf curl China virus*

*Sweet potato leaf curl China virus*

*Sweet potato leaf curl China virus*

*Sweet potato leaf curl China virus*

***Sweet potato leaf curl Georgia virus***

*Sweet potato leaf curl Georgia virus*

***Sweet potato leaf curl Henan virus***

***Sweet potato leaf curl Sao Paulo virus***

*Sweet potato leaf curl Sao Paulo virus*

***Sweet potato leaf curl Sichuan virus 1***

***Sweet potato leaf curl Sichuan virus 2***

***Sweet potato leaf curl South Carolina virus***

***Sweet potato leaf curl Uganda virus***

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

Squash leaf curl virus - [United States:Imperial Valley:1979]

**Squash leaf curl Yunnan virus- [China:Yunnan:Y23]**

**Squash mild leaf curl virus - [United States:Imperial Valley:1979]**

Squash mild leaf curl virus - [United States:Imperial Valley:2004]

Sri Lankan cassava mosaic virus - Sri Lanka [Sri Lanka:Colombo:1998]

**Sri Lankan cassava mosaic virus - India [India:Adivaram:2003]**

Sri Lankan cassava mosaic virus - India [India:Salem]

Sri Lankan cassava mosaic virus - India [India:Kerala 15]

Sri Lankan cassava mosaic virus - India [India:Kerala 17]

Sri Lankan cassava mosaic virus - India [India:Kerala C4]

Sri Lankan cassava mosaic virus - India [India:Tamil Nadu 2]

Sri Lankan cassava mosaic virus - India [India:Tamil Nadu 6]

Sri Lankan cassava mosaic virus - India [India:Tamil Nadu 7]

Sri Lankan cassava mosaic virus - India [India:Attur:2009]

Stachytarpheta leaf curl virus - [China:Hainan 5:2001]

Stachytarpheta leaf curl virus - [China:Hainan 6.1:2001]

Stachytarpheta leaf curl virus - [China:Hainan 5.4:2001]

**Stachytarpheta leaf curl virus - [China:Hainan 30:2004]**

Stachytarpheta leaf curl virus - [China:Hainan 34:2004]

Sunn hemp leaf distortion virus - [India:Pusa Bihar:tobacco:2006]

**Sunn hemp leaf distortion virus - [India:Barrackpore 1:2008]**

Sunn hemp leaf distortion virus - [India:Barrackpore 2:2008]

Sunn hemp leaf distortion virus - [India:Barrackpore 3:2008]

**Sweet potato leaf curl Canary virus - [Spain:Canary Islands:BG4:2002]**

Sweet potato leaf curl Canary virus - [Spain:Canary Islands:BG7:2002]

Sweet potato leaf curl Canary virus - [Spain:Canary Islands:BG21:2002]

Sweet potato leaf curl Canary virus - [Spain:Canary Islands:BG25:2002]

**Sweet potato leaf curl China virus - [China:2005]**

Sweet potato leaf curl China virus - [China:Zhejiang:2010]

Sweet potato leaf curl China virus - [South Korea:Gogumdo 25:2011]

Sweet potato leaf curl China virus - [South Korea:Muan GE21:2011]

Sweet potato leaf curl China virus - [South Korea:Muan GE31:2011]

**Sweet potato leaf curl Georgia virus - [United States:Georgia:16]**

Sweet potato leaf curl Georgia virus - [China:Hebei:2011]

**Sweet potato leaf curl Henan virus - [China:Henan 10:2012]**

**Sweet potato leaf curl Sao Paulo virus - [Brazil:Sao Paulo:Alvares Machado:2009]**

Sweet potato leaf curl Sao Paulo virus - [South Africa:Waterpoort:2011]

**Sweet potato leaf curl Sichuan virus 1 - [China:Sichuan 15:2012]**

**Sweet potato leaf curl Sichuan virus 2 - [China:Sichuan 14:2012]**

**Sweet potato leaf curl South Carolina virus - [United States:South Carolina:648-B9:2006]**

**Sweet potato leaf curl Uganda virus - [Uganda:Kampala:2008]**

Sweet potato leaf curl virus - Japan [Japan:Miyazaki:1996]

Sweet potato leaf curl virus - Japan [Japan:Kumamoto:1998]

Sweet potato leaf curl virus - United States [Japan:Kyoto:1998]

Sweet potato leaf curl virus - United States [United States: Louisiana:1994]

Sweet potato leaf curl virus - [Spain:1998]

Sweet potato leaf curl virus - Italy [Italy: Sicily:2002]

Sweet potato leaf curl virus - Puerto Rico [Puerto Rico:80-N2:2006]

Sweet potato leaf curl virus - Puerto Rico [Puerto Rico:Merremia-N4:2006]

SLCuV-[US:IV:79]

SLCuV-[CN:Yun:Y23]

SMLCuV-[US:IV:79]

SMLCuV-[US:IV:04]

SLCMV-LK[LK:Col:98]

SLCMV-IN[IN:Adi:03]

SLCMV-IN[IN:Sa]

SLCMV-IN[IN:Ker15]

SLCMV-IN[IN:Ker17]

SLCMV-IN[IN:KerC4]

SLCMV-IN[IN:Tam2]

SLCMV-IN[IN:Tam6]

SLCMV-IN[IN:Tam7]

SLCMV-IN[IN:Att:09]

StLCuV-[CN:Hn5:01]

StLCuV-[CN:Hn6.1:01]

StLCuV-[CN:Hn5.4:01]

StLCuV-[CN:Hn30:04]

StLCuV-[CN:Hn34:04]

SHLDV-[IN:PB:tob:06]

SHLDV-[IN:Bar:08]

SHLDV-[IN:Bar2:08]

SHLDV-[IN:Bar3:08]

SPLCCV-[ES:CI:BG4:02]

SPLCCV-[ES:CI:BG7:02]

SPLCCV-[ES:CI:BG21:02]

SPLCCV-[ES:CI:BG25:02]

SPLCCNV-[CN:05]

SPLCCNV-[CN:Zhe:10]

SPLCCNV-[KR:Gog25:11]

SPLCCNV-[KR:MuaGE21:11]

SPLCCNV-[KR:MuaGE31:11]

SPLCGV-[US:Geo:16]

SPLCGV-[CN:Heb:11]

SPLCHnV-[CN:Hn10:12]

SPLCSPV-[BR:SP:AivM:09]

SPLCSPV-[ZA:Wat:11]

SPLCSiV-1-[CN:Sc15:12]

SPLCSiV-2-[CN:Sc14:12]

SPLCSCV-[US:SC:648-B9:06]

SPLCUV-[UG:KAMP:08]

SPLCV-JP[JR:Miy:96]

SPLCV-JP[JR:Kum:98]

SPLCV-US[JR:Kyo:98]

SPLCV-US[US:Lou:94]

SPLCV-[ES:98]

SPLCV-IT[IT:Sic:02]

SPLCV-PR[PR:80-N2:06]

SPLCV-PR[PR:Me-N4:06]

M38183

AJ420319

AF421552

DQ285014

AJ314737

AJ579307

AJ607394

AJ890224

AJ890225

AJ890226

AJ890227

AJ890228

AJ890229

KC424490

AJ495814

AJ564742

AJ564743

AJ810156

AJ810157

EU194914

FJ455449

GQ183867

GQ183868

EF456742

EF456745

EU856365

FJ529203

DQ512731

JF736657

JX961671

JX961673

JX961674

AF326775

JX448368

KC907406

HQ393477

JQ621844

KC488316

KF156759

HQ333144

FR751068

AB433786

AB433787

AB433788

AF104036

AJ132548

AJ586885

DQ644562

DQ644563

M38182

AF421553

DQ285015

AJ314738

AJ579308

<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - [Spain:Canary Islands:BG1:2002]	SPLCV-[ES:Cl:BG1:02]	EF456741
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - [Spain:Canary Islands:BG5:2002]	SPLCV-[ES:Cl:BG5:02]	EF456743
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - Spain [Spain:Canary Islands:BG6:2002]	SPLCV-ES[ES:Cl:BG6:02]	EF456744
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - Spain [Spain:Canary Islands:BG27:2002]	SPLCV-ES[ES:Cl:BG27:02]	EF456746
<b>Sweet potato leaf curl virus</b>	<b>Sweet potato leaf curl virus - China [China:Yunnan:RL31:2006]</b>	SPLCV-CN[CN:Yn:RL31:06]	EU253456
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - China [China:Yunnan:RL7:2006]	SPLCV-CN[CN:Yn:RL7:06]	EU267799
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - [China:Shanghai:2007]	SPLCV-[CN:Sha:07]	EU309693
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - [Spain:Malaga:IG1:2006]	SPLCV-[ES:Mal:IG1:06]	EU839576
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - [Spain:Malaga:IG3:2006]	SPLCV-[ES:Mal:IG3:06]	EU839577
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - [Spain:Malaga:IG5:2006]	SPLCV-[ES:Mal:IG5:06]	EU839578
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - Spain [Spain:Malaga:BG30:2006]	SPLCV-ES[ES:Mal:BG30:06]	EU839579
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - Spain [Spain:Canary Islands:BG12:2002]	SPLCV-ES[ES:Cl:BG12:02]	EU856364
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - Spain [Spain:Canary Islands:BG13:2002]	SPLCV-ES[ES:Cl:BG13:02]	EU856366
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - [Spain:Malaga:IG2:2006]	SPLCV-[ES:Mal:IG2:06]	FJ151200
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [China:Jiangsu:2008]	SPLCV-US[CN:Jia:08]	FJ176701
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - Fujian [China:Jujian:Fp1:2007]	SPLCV-Fu[CN:Fuj:Ip1:07]	FJ515896
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - Fujian [China:Jujian:Fp2:2007]	SPLCV-Fu[CN:Fuj:Ip2:07]	FJ515897
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - Fujian [China:Jujian:Fp3:2007]	SPLCV-Fu[CN:Fuj:Ip3:07]	FJ515898
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [Korea:Yeoju508:09]	SPLCV-US[KR:Yeo:08]	FJ560719
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - Brazil [Brazil:Para:Belem1:2008]	SPLCV-BR[BR:PA:Bel1:08]	FJ969829
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - Paraiba [Brazil:Paraiba:Souza1:2008]	SPLCV-PB[BR:PB:Sou1:08]	FJ969830
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - [Brazil:Ceara:Fortaleza1:2008]	SPLCV-[BR:CE:For1:08]	FJ969832
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - Brazil [Brazil:Rio Grande do Sul:Tavares1:2008]	SPLCV-BR[BR:RS:Tav1:08]	FJ969833
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [Brazil:Rio Grande do Sul:Esteio:2008]	SPLCV-US[BR:RS:Est1:08]	FJ969834
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [Brazil:Rio Grande do Sul:Machado Assis1:2008]	SPLCV-US[BR:RS:Mac1:08]	FJ969835
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [Brazil:Rio Grande do Sul:Porto Alegre1:2008]	SPLCV-US[BR:RS:Poa1:08]	FJ969836
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [Brazil:Rio Grande do Sul:Rosario:2008]	SPLCV-US[BR:RS:Ros1:08]	FJ969837
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - [India:West Bengal:2008]	SPLCV-[IN:Ben:08]	FN432356
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - China [China:Yunnan338:2009]	SPLCV-CN[CN:Yn338:09]	FN806776
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [Korea:Chungju263:09]	SPLCV-US[KR:Chu:09]	HM754634
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [Korea:Yeoju388:09]	SPLCV-US[KR:Yeo388:09]	HM754635
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [Korea:Nonsan445-2:09]	SPLCV-US[KR:Nan:09]	HM754636
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [Korea:Yeoju507:09]	SPLCV-US[KR:Yeo507:09]	HM754637
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [Korea:Haenam519:09]	SPLCV-US[KR:Hae519:09]	HM754638
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [Korea:Haenam532:09]	SPLCV-US[KR:Hae532:09]	HM754639
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [Korea:Haenam618:09]	SPLCV-US[KR:Hae618:09]	HM754640
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [Korea:Haenam1:09]	SPLCV-US[KR:Hae1:09]	HM754641
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - South Carolina [United States:South Carolina:377-23:2006]	SPLCV-SC[US:SC:377-23:06]	HQ333135
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - South Carolina [United States:South Carolina:634-2:2006]	SPLCV-SC[US:SC:634-2:06]	HQ333136
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - South Carolina [United States:South Carolina:634-7:2006]	SPLCV-SC[US:SC:634-7:06]	HQ333137
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - South Carolina [United States:South Carolina:646-B11:2006]	SPLCV-SC[US:SC:646-B11:06]	HQ333138
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [United States:Mississippi:WS1b-1a:2007]	SPLCV-US[US:MS:1b-1a:07]	HQ333139
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [United States:Mississippi:WS4b-14:2007]	SPLCV-US[US:MS:4b-14:07]	HQ333140
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [United States:Mississippi:WS1-4:2007]	SPLCV-US[US:MS:WS1-4:07]	HQ333141
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [United States:Mississippi:WS3-8:2007]	SPLCV-US[US:MS:WS3-8:07]	HQ333142
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [United States:Mississippi:1B-3:2007]	SPLCV-US[US:MS:1B-3:07]	HQ333143
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - Brazil [Brazil:Bahia:Urucuca:2008]	SPLCV-BR[BR:BA:Uru:08]	HQ393442
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - United States [Brazil: Bahia:Cruz das Almas1:2008]	SPLCV-US[BR:BA:CA1:08]	HQ393443
<i>Sweet potato leaf curl virus</i>	Sweet potato leaf curl virus - Paraiba [Brazil:Bahia:Cruz das Almas:2008]	SPLCV-PB[BR:BA:CA:08]	HQ393444

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

*Sweet potato leaf curl virus*

Sweet potato leaf curl virus - Brazil [Brazil:Bahia:Cruz das Almas:2008]

Sweet potato leaf curl virus - United States [Brazil:Bahia:Cruz das Almas2:2008]

Sweet potato leaf curl virus - Rondonia [Brazil:Bahia:Utinga:2008]

Sweet potato leaf curl virus - [Brazil:Bahia:Utinga:2008]

Sweet potato leaf curl virus - Brazil [Brazil:Sergipe:Riachao:2008]

Sweet potato leaf curl virus - United States [Brazil:Para:2008]

Sweet potato leaf curl virus - United States [Brazil:Rondonia:Porto Velho:2008]

Sweet potato leaf curl virus - Rondonia [Brazil:Rondonia:Porto Velho 1:2008]

Sweet potato leaf curl virus - United States [Brazil:Rondonia:Ouro Preto do Oeste:2008]

Sweet potato leaf curl virus - Rondonia [Brazil:Rondonia:Ouro Preto do Oeste:2008]

Sweet potato leaf curl virus - Brazil [Brazil:Rondonia:Ouro Preto do Oeste:2008]

Sweet potato leaf curl virus - Pernambuco [Brazil:Rondonia:Porto Velho:2008]

Sweet potato leaf curl virus - Rondonia [Brazil:Rondonia:Porto Velho2:2008]

Sweet potato leaf curl virus - [Brazil:Rondonia:Cacoal:2008]

Sweet potato leaf curl virus - Rondonia [Brazil:Rondonia:Cacoal:2008]

Sweet potato leaf curl virus - Brazil [Brazil:Rondonia:Cacoal:2008]

Sweet potato leaf curl virus - Pernambuco [Brazil:Paraiba:Pedras de Fogo:2009]

Sweet potato leaf curl virus - Pernambuco [Brazil:Pernambuco:Caruaru1:2009]

Sweet potato leaf curl virus - Pernambuco [Brazil:Pernambuco:Caruaru2:2009]

Sweet potato leaf curl virus - Pernambuco [Brazil:Rio grande do Sul:Mariana Pimentel1:2009]

Sweet potato leaf curl virus - Pernambuco [Brazil:Rio Grande do Sul:Mariana Pimentel2:2009]

Sweet potato leaf curl virus - Pernambuco [Brazil:Rio Grande do Sul:Mariana Pimentel4:2009]

Sweet potato leaf curl virus - Pernambuco [Brazil:Rio Grande do Sul:Mariana Pimentel5:2009]

Sweet potato leaf curl virus - Pernambuco [Brazil:Rio Grande do Sul:Mariana Pimentel6:2009]

Sweet potato leaf curl virus - Pernambuco [Brazil:Rio Grande do Sul:Mariana Pimentel7:2009]

Sweet potato leaf curl virus - Pernambuco [Brazil:Rio Grande do Sul:Mariana Pimentel3:2009]

Sweet potato leaf curl virus - United States [Brazil:Sao Paulo:Alfredo Marcondes1:2009]

Sweet potato leaf curl virus - United States [Brazil:Sao Paulo:Alfredo Marcondes2:2009]

Sweet potato leaf curl virus - Sao Paulo [Brazil:Sao Paulo:Alvares Machado:2009]

Sweet potato leaf curl virus - United States [Brazil:Sao Paulo:Alfredo Marcondes3:2009]

Sweet potato leaf curl virus - United States [Brazil:Sao Paulo:Alfredo Marcondes4:2009]

Sweet potato leaf curl virus - Sao Paulo [Brazil:Sao Paulo:Presidente Prudente:2009]

Sweet potato leaf curl virus - [China:MG:2010]

Sweet potato leaf curl virus - [Argentina:Bella Vista:2010]

Sweet potato leaf curl virus - [India:IYV-1:2009]

Sweet potato leaf curl virus - [India:IYV-2:2010]

Sweet potato leaf curl virus - [India:ILC:2009]

Sweet potato leaf curl virus - [China:GZ01:2012]

Sweet potato leaf curl virus - [China:GZ02:2012]

Sweet potato leaf curl virus - [China:ZN01:2012]

Sweet potato leaf curl virus - [South Korea:GE31:2011]

Sweet potato leaf curl virus - [South Korea:Jido 20:2011]

Sweet potato leaf curl virus - [China:Sichuan 15:2012]

Sweet potato leaf curl virus - [China:Henan 25:2012]

Sweet potato leaf curl virus - [China:Shandong 11:2012]

Sweet potato leaf curl virus - [China:Jilin 1:2012]

Sweet potato leaf curl virus - [China:Jiangsu:2010]

**Sweet potato mosaic virus - [Brazil:Brasilia1:2008]**

Sweet potato mosaic virus - [South Africa:Waterpoort:2011]

SPLCV-BR[BR:BA:CA:08]

SPLCV-US[BR:BA:CA2:08]

SPLCV-RO[BR:BA:Uti:08]

SPLCV-[BR:BA:Uti:08]

SPLCV-BR[BR:SE:Ria:08]

SPLCV-US[BR:PA:08]

SPLCV-US[BR:SE:PV:08]

SPLCV-RO[BR:SE:PV1:08]

SPLCV-US[BR:RO:OPO:08]

SPLCV-RO[BR:RO:OPO:08]

SPLCV-BR[BR:RO:OPO:08]

SPLCV-PE[BR:RO:PV:08]

SPLCV-RO[BR:RO:PV2:08]

SPLCV-[BR:RO:Cac:08]

SPLCV-RO[BR:RO:Cac:08]

SPLCV-BR[BR:RO:Cac:08]

SPLCV-PE[BR:PB:PF:09]

SPLCV-PE[BR:PE:Cau1:09]

SPLCV-PE[BR:PE:Cau2:09]

SPLCV-PE[BR:RS:MP1:09]

SPLCV-PE[BR:RS:MP2:09]

SPLCV-PE[BR:RS:MP4:09]

SPLCV-PE[BR:RS:MP5:09]

SPLCV-PE[BR:RS:MP6:09]

SPLCV-PE[BR:RS:MP7:09]

SPLCV-PE[BR:RS:MP3:09]

SPLCV-US[BR:SP:AM1:09]

SPLCV-US[BR:SP:AM2:09]

SPLCV-SP[BR:SP:AlvM:09]

SPLCV-US[BR:SP:AM3:09]

SPLCV-US[BR:SP:AM409]

SPLCV-SP[BR:SP:PP:09]

SPLCV-[CN:MG:10]

SPLCV-[AR:BV:10]

SPLCV-[IN:IYV-1:09]

SPLCV-[IN:IYV-2:10]

SPLCV-[IN:ILC:09]

SPLCV-[CN:GZ01:12]

SPLCV-[CN:GZ02:12]

SPLCV-[CN:ZN01:12]

SPLCV-[KR:GE31:11]

SPLCV-[KR:Jid20:11]

SPLCV-[CN:Sc15:12]

SPLCV-[CN:Hen25:12]

SPLCV-[CN:Sha11:12]

SPLCV-[CN:Jil1:12]

SPLCV-[CN:Jia:10]

SPMV-[BR:BSB1:08]

SPMV-[ZA:Wat:11]

HQ393445

HQ393446

HQ393447

HQ393448

HQ393449

HQ393450

HQ393451

HQ393452

HQ393453

HQ393454

HQ393455

HQ393456

HQ393457

HQ393458

HQ393459

HQ393460

HQ393461

HQ393462

HQ393463

HQ393464

HQ393465

HQ393466

HQ393467

HQ393468

HQ393469

HQ393470

HQ393471

HQ393472

HQ393473

HQ393474

HQ393475

HQ393476

JF768740

JQ349087

JX050195

JX050196

JX050197

JX286653

JX286654

JX286655

JX961670

JX961672

KF040464

KF040465

KF040466

KF040467

KF040468

FJ969831

JQ621843

<i>Tobacco curly shoot virus</i>	Tobacco curly shoot virus - [China:Yunnan 1:1999]	TbCSV-[CN:Yn1:99]	AF240675
<i>Tobacco curly shoot virus</i>	Tobacco curly shoot virus - [China:Yunnan 35:2001]	TbCSV-[CN:Yn35:01]	AJ420318
<i>Tobacco curly shoot virus</i>	Tobacco curly shoot virus - [China:Yunnan 41:Tomato:2001]	TbCSV-[CN:Yn41:Tom:01]	AJ457986
<i>Tobacco curly shoot virus</i>	Tobacco curly shoot virus - [China:Yunnan 282:Ageratum:2003]	TbCSV-[CN:Yn282:Age:03]	AJ971266
<i>Tobacco curly shoot virus</i>	Tobacco curly shoot virus - [India:Ranchi:2007]	TbCSV-[IN:Ran:07]	GC994095
<i>Tobacco curly shoot virus</i>	Tobacco curly shoot virus - [China:Pepper:2009]	TbCSV-[CN:Pep:09]	GU001879
<b>Tobacco curly shoot virus</b>	<b>Tobacco curly shoot virus - [China:Alternanthera:2008]</b>	TbCSV-[CN:Alt:08]	GU199583
<i>Tobacco curly shoot virus</i>	Tobacco curly shoot virus - [China:Yunnan 18-6:Mirabilis:2008]	TbCSV-[CN:Yn18-6:Mir:08]	GU199584
<i>Tobacco curly shoot virus</i>	Tobacco curly shoot virus - [China:Yunnan:Y-T8]	TbCSV-[CN:Yn:Y-T8]	HG003650
<i>Tobacco curly shoot virus</i>	Tobacco curly shoot virus - [India:WSF1:wild sunflower:2010]	TbCSV-[IN:WSF1:10]	HQ407395
<i>Tobacco curly shoot virus</i>	Tobacco curly shoot virus - [India:Agartala:2010]	TbCSV-[IN:Aga:10]	JN387045
<i>Tobacco curly shoot virus</i>	Tobacco curly shoot virus - [India:Guwahati:GUW-2:2011]	TbCSV-[IN:Guw:GUW-2:11]	JN676053
<i>Tobacco curly shoot virus</i>	Tobacco curly shoot virus - [India:Varanasi:FB-01:2012]	TbCSV-[IN:Var:FB-01:12]	JQ733557
<i>Tobacco curly shoot virus</i>	Tobacco curly shoot virus - [India:Pantnagar:TCh82:2012]	TbCSV-[IN:Pan:TCh82:12]	JX457341
<i>Tobacco curly shoot virus</i>	Tobacco curly shoot virus - [India:Pantnagar:TCb1:2012]	TbCSV-[IN:Pan:TCb1:12]	JX457342
<i>Tobacco curly shoot virus</i>	Tobacco curly shoot virus - [India:Pantnagar:TCh8:2012]	TbCSV-[IN:TCh8:12]	JX467692
<i>Tobacco curly shoot virus</i>	Tobacco curly shoot virus - [India:Pantnagar:TCb8:2012]	TbCSV-[IN:TCb8:08]	JX467693
<i>Tobacco curly shoot virus</i>	Tobacco curly shoot virus - [India:Ludhiana:TC240:2009]	TbCSV-[IN:Lud:TC240:09]	KF551584
<b>Tobacco leaf curl Comoros virus</b>	<b>Tobacco leaf curl Comoros virus - [Comoros:Simboussa:2004]</b>	TbLCKMV-[KM:Sim:04]	AM701760
<i>Tobacco leaf curl Comoros virus</i>	Tobacco leaf curl Comoros virus - [Comoros:Foubouni:2005]	TbLCKMV-[KM:Fou:05]	AM701762
<b>Tobacco leaf curl Cuba virus</b>	<b>Tobacco leaf curl Cuba virus - [Cuba:Taguasco:2005]</b>	TbLCuCV-[CU:Tag:05]	AM050143
<b>Tobacco leaf curl Pusa virus</b>	<b>Tobacco leaf curl Pusa virus - [India:Pusa:2009]</b>	TbLCPuV-To[IN:Pus:09]	HQ180391
<b>Tobacco leaf curl Thailand virus</b>	<b>Tobacco leaf curl Thailand virus - [Thailand:Tomato:2005]</b>	TbLCTHV-[TH:To:05]	DQ871221
<i>Tobacco leaf curl Yunnan virus</i>	Tobacco leaf curl Yunnan virus - China [China:Yunnan 3:1999]	TbLCYnV-CN[CN:Yn3:99]	AF240674
<b>Tobacco leaf curl Yunnan virus</b>	<b>Tobacco leaf curl Yunnan virus - China [China:Yunnan 136:2002]</b>	TbLCYnV-CN[CN:Yn136:02]	AJ512761
<i>Tobacco leaf curl Yunnan virus</i>	Tobacco leaf curl Yunnan virus - China [China:Yunnan 143:2002]	TbLCYnV-CN[CN:Yn143:02]	AJ512762
<i>Tobacco leaf curl Yunnan virus</i>	Tobacco leaf curl Yunnan virus - China [China:Yunnan 161:Tomato:2003]	TbLCYnV-CN[CN:Yn161:Tom:03]	AJ566744
<i>Tobacco leaf curl Yunnan virus</i>	Tobacco leaf curl Yunnan virus - China [China:Yunnan 283:Ageratum:2004]	TbLCYnV-CN[CN:Yn283:Age:04]	AJ971267
<i>Tobacco leaf curl Zimbabwe virus</i>	Tobacco leaf curl Zimbabwe virus - [Zimbabwe]	TbLCZV-[ZW]	AF350330
<b>Tobacco leaf curl Zimbabwe virus</b>	<b>Tobacco leaf curl Zimbabwe virus - [Comoros:Foumboudziouni:2005]</b>	TbLCZV-[KM:Fou:05]	AM701756
<b>Tobacco leaf rugose virus</b>	<b>Tobacco leaf rugose virus - [Cuba:Havana:2001]</b>	TbLRV-[CU:Hav:01]	AJ488768
<b>Tobacco mottle leaf curl virus</b>	<b>Tobacco mottle leaf curl virus - [Cuba:Sanci Spiritus:2003]</b>	TbMoLCV-[CU:SS:03]	FM160943
<b>Tobacco yellow crinkle virus</b>	<b>Tobacco yellow crinkle virus - [Cuba::2007]</b>	TbYCV-[CU:07]	FJ213931
<i>Tobacco yellow crinkle virus</i>	Tobacco yellow crinkle virus - [Cuba:Capsicum:2007]	TbYCV-[CU:Cap:07]	FJ222587
<b>Tomato bright yellow mosaic virus</b>	<b>Tomato bright yellow mosaic virus - [Brazil:BA167:2012]</b>	ToBYMV-[BR:BA167:12]	KC791690
<b>Tomato bright yellow mottle virus</b>	<b>Tomato bright yellow mottle virus - [Brazil:TO167:2008]</b>	ToBYMoV-[BR:TO167:08]	KC791691
<b>Tomato chino La Paz virus</b>	<b>Tomato chino La Paz virus - A [Mexico:Baja La Paz:2002]</b>	ToChLPV-A[MX:BLP:02]	AY339618
<i>Tomato chino La Paz virus</i>	Tomato chino La Paz virus - B [Mexico:Baja El Carrizal:2002]	ToChLPV-B[MX:BEC:02]	AY339619
<i>Tomato chino La Paz virus</i>	Tomato chino La Paz virus - B [Mexico:Sinaloa MM1:2005]	ToChLPV-B[MX:SinMM1:05]	DQ347948
<i>Tomato chino La Paz virus</i>	Tomato chino La Paz virus - B [Mexico:Sinaloa MM4:2005]	ToChLPV-B[MX:SinMM4:05]	DQ347949
<i>Tomato chino La Paz virus</i>	Tomato chino La Paz virus - B [Mexico:Baja California Sur:2008]	ToChLPV-B[MX:BCS:08]	HM459852
<i>Tomato chino La Paz virus</i>	Tomato Chino La Paz virus - [Mexico:SLP4:2011]	ToChLPV-[MX:SLP4:11]	JN676150
<i>Tomato chlorotic leaf distortion virus</i>	Tomato chlorotic leaf distortion virus - [Venezuela:217L:2004]	ToCILDV-[VE:217L:04]	HQ171986
<b>Tomato chlorotic leaf distortion virus</b>	<b>Tomato chlorotic leaf distortion virus - [Venezuela:Zulia:2004]</b>	ToCILDV-[VE:Zul:04]	HQ201952
<i>Tomato chlorotic leaf distortion virus</i>	Tomato chlorotic leaf distortion virus - [Venezuela:Capsicum:2004]	ToCILDV-[VE:Cap:04]	JN241632
<b>Tomato chlorotic mottle virus</b>	<b>Tomato chlorotic mottle virus - Bahia [Brazil:Seabra 1:1996]</b>	ToCMoV-B[BR:Sea1:96]	AF490004
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - Minas Gerais [Brazil:Betim 1:1996]	ToCMoV-MG[BR:Bet1:96]	AY090557
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - Minas Gerais [Brazil:Igarape 1:1996]	ToCMoV-MG[BR:Iga1:96]	DQ336353
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Carandai 219.3:2008]	ToCMoV-[BR:Car219.3:08]	KC706540
			HQ896204
			AF491306
			DQ336354

<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Carandai 234.3:2008]	ToCMoV-[BR:Car234.3:08]	KC706541	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 153:2008]	ToCMoV-[BR:Flo153:08]	KC706542	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 154:2008]	ToCMoV-[BR:Flo154:08]	KC706543	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 170a:2008]	ToCMoV-[BR:Flo170a:08]	KC706544	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 170s:2008]	ToCMoV-[BR:Flo170s:08]	KC706545	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 171:2008]	ToCMoV-[BR:Flo171:08]	KC706546	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 180:2008]	ToCMoV-[BR:Flo180:08]	KC706547	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 181:2008]	ToCMoV-[BR:Flo181:08]	KC706548	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 182:2008]	ToCMoV-[BR:Flo182:08]	KC706549	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 184:2008]	ToCMoV-[BR:Flo184:08]	KC706550	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 186:2008]	ToCMoV-[BR:Flo186:08]	KC706551	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 187:2008]	ToCMoV-[BR:Flo187:08]	KC706552	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 188:2008]	ToCMoV-[BR:Flo188:08]	KC706553	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 191:2008]	ToCMoV-[BR:Flo191:08]	KC706554	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 192:2008]	ToCMoV-[BR:Flo192:08]	KC706555	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 193:2008]	ToCMoV-[BR:Flo193:08]	KC706556	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 194:2008]	ToCMoV-[BR:Flo194:08]	KC706557	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 195:2008]	ToCMoV-[BR:Flo195:08]	KC706558	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 209:2008]	ToCMoV-[BR:Flo209:08]	KC706559	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 210:2008]	ToCMoV-[BR:Flo210:08]	KC706560	
<i>Tomato chlorotic mottle virus</i>	Tomato chlorotic mottle virus - [Brazil:Florestal 211:2008]	ToCMoV-[BR:Flo211:08]	KC706561	
<b>Tomato common mosaic virus</b>	<b>Tomato common mosaic virus - [Brazil:Coimbra 22:2007]</b>	ToCmMV-[BR:Coi22:07]	EU710754	EU710755
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Jaiba 131:2008]	ToCmMV-[BR:Jai131:2008]	KC706568	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Coimbra 10:2007]	ToCmMV-[BR:Coi10:07]	KC706569	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Coimbra 11:2007]	ToCmMV-[BR:Coi11:07]	KC706570	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Coimbra 12:2007]	ToCmMV-[BR:Coi12:07]	KC706571	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Coimbra 15:2007]	ToCmMV-[BR:Coi15:07]	KC706572	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Coimbra 18:2007]	ToCmMV-[BR:Coi18:07]	KC706573	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Coimbra 20:2007]	ToCmMV-[BR:Coi20:07]	KC706574	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Coimbra 21:2007]	ToCmMV-[BR:Coi21:07]	KC706575	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Coimbra 23:2007]	ToCmMV-[BR:Coi23:07]	KC706576	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Coimbra 24:2007]	ToCmMV-[BR:Coi24:07]	KC706577	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Coimbra 7:2007]	ToCmMV-[BR:Coi7:07]	KC706578	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Coimbra 8:2007]	ToCmMV-[BR:Coi8:07]	KC706579	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Paty do Alferes 10:2005]	ToCmMV-[BR:Pda10:05]	KC706580	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Paty do Alferes 31:2005]	ToCmMV-[BR:Pda31:05]	KC706581	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Paty do Alferes 32:2005]	ToCmMV-[BR:Pda32:05]	KC706582	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Paty do Alferes 40:2005]	ToCmMV-[BR:Pda40:05]	KC706583	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Paty do Alferes 44:2005]	ToCmMV-[BR:Pda44:05]	KC706584	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Paty do Alferes 48:2005]	ToCmMV-[BR:Pda48:05]	KC706585	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Paty do Alferes 51:2005]	ToCmMV-[BR:Pda51:05]	KC706586	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Paty do Alferes 55:2005]	ToCmMV-[BR:Pda55:05]	KC706587	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Paty do Alferes 56:2005]	ToCmMV-[BR:Pda56:05]	KC706588	
<i>Tomato common mosaic virus</i>	Tomato common mosaic virus - [Brazil:Paty do Alferes 9:2005]	ToCmMV-[BR:Pda9:05]	KC706589	
<b>Tomato curly stunt virus</b>	<b>Tomato curly stunt virus - [South Africa:Onderberg:1998]</b>	ToCSV-[ZA:Ond:98]	AF261885	
<b>Tomato dwarf leaf virus</b>	<b>Tomato dwarf leaf virus - [Argentin:Picchanal 397:2008]</b>	ToDfLV-[AR:Pic397:08]	JN564749	
<b>Tomato golden leaf distortion virus</b>	<b>Tomato golden leaf distortion virus - [Brazil:TO45:2007]</b>	ToGLDV-[BR:TO45:07]	HM357456	
<b>Tomato golden leaf spot virus</b>	<b>Tomato golden leaf spot virus - [Brazil:Araguaina:TO83:2013]</b>	ToGLSV-[BR:Ara:TO83:13]	KC626021	
<i>Tomato golden mosaic virus</i>	Tomato golden mosaic virus - [Brazil:Common:1992-2011]	TGMV-[BR:Com:92-11]	JF694488	



<i>Tomato golden mosaic virus</i>	Tomato golden mosaic virus - [Brazil:Yellow vein:1992-2011]	TGMV-[BR:YV:92-11]	JF694490	
<b>Tomato golden mosaic virus</b>	<b>Tomato golden mosaic virus - [Brazil:Common:1984]</b>	TGMV-[BR:Com:84]	K02029	K02030
<i>Tomato golden mottle virus</i>	Tomato golden mottle virus - [Guatemala:R2:1994]	ToGMOv-[GT:R2:94]	AF132852	
<b>Tomato golden mottle virus</b>	<b>Tomato golden mottle virus - [Mexico:San Luiz Potosi:2005]</b>	ToGMOv-[MX:SLP:05]	DQ520943	DQ406674
<i>Tomato golden mottle virus</i>	Tomato golden mottle virus - [Mexico:Rioverde:2005]	ToGMOv-[MX:Rio:05]	EF501976	
<b>Tomato golden vein virus</b>	<b>Tomato golden vein virus - [Brazil:Ita1220:2003]</b>	TGVV-[BR:Ita1220:03]	JF803254	
<i>Tomato golden vein virus</i>	Tomato golden vein virus - [Brazil:Taq1613:2003]	TGVV-[BR:Taq1613:03]	JF803255	
<i>Tomato golden vein virus</i>	Tomato golden vein virus - [Brazil:Pip1670:2003]	TGVV-[BR:Pip1670:03]	JF803256	
<i>Tomato golden vein virus</i>	Tomato golden vein virus - [Brazil:Pip1719:2003]	TGVV-[BR:Pip1719:03]	JF803257	
<i>Tomato golden vein virus</i>	Tomato golden vein virus - [Brazil:Pip1799:2003]	TGVV-[BR:Pip1799:03]	JF803258	
<i>Tomato golden vein virus</i>	Tomato golden vein virus - [Brazil:Arag3043:2004]	TGVV-[BR:Arag3043:04]	JF803259	
<b>Tomato interveinal chlorosis virus</b>	<b>Tomato interveinal chlorosis virus - [Brazil:Pernambuco:Mdc2681:2004]</b>	ToICV-[BR:PE:Mdc2681:04]	JF803252	
<i>Tomato interveinal chlorosis virus</i>	Tomato interveinal chlorosis virus - [Brazil:Pernambuco:BSF2729:2004]	ToICV-[BR:PE:BSF2729:04]	JF803253	
<i>Tomato interveinal chlorosis virus</i>	Tomato interveinal chlorosis virus - [Brasil:Murici:1:2009]	ToICV-[BR:Mur1:09]	JN418998	JN418999
<b>Tomato leaf curl Anjouan virus</b>	<b>Tomato leaf curl Anjouan virus - [Comoros:Ouani:2004]</b>	ToLCAnV-[KM:Oua:04]	AM701758	
<i>Tomato leaf curl Arusha virus</i>	Tomato leaf curl Arusha virus - [Tanzania:Tengelu:2005]	ToLCArV-[TZ:Ten:05]	DQ519575	
<b>Tomato leaf curl Arusha virus</b>	<b>Tomato leaf curl Arusha virus - [Tanzania:Kilimandjaro:2005]</b>	ToLCArV-[TZ:Kil:05]	EF194760	
<i>Tomato leaf curl Bangalore virus</i>	Tomato leaf curl Bangalore virus - C [India:Bangalore 4:1997]	ToLCBaV-C[IN:Ban4:97]	AF165098	
<i>Tomato leaf curl Bangalore virus</i>	Tomato leaf curl Bangalore virus - B [India:Bangalore 5]	ToLCBaV-B[IN:Ban5]	AF295401	
<i>Tomato leaf curl Bangalore virus</i>	Tomato leaf curl Bangalore virus - A [India:Kolar]	ToLCBaV-A[IN:Kol]	AF428255	
<i>Tomato leaf curl Bangalore virus</i>	Tomato leaf curl Bangalore virus - C [India:Bangalore:AVT1]	ToLCBaV-C[IN:Ban:AVT1]	AY428770	
<i>Tomato leaf curl Bangalore virus</i>	Tomato leaf curl Bangalore virus - B [India:Fatehabad:Cotton]	ToLCBaV-B[IN:Fat:Cot]	AY456684	
<i>Tomato leaf curl Bangalore virus</i>	Tomato leaf curl Bangalore virus - D [India:Kerala II:2005]	ToLCBaV-D[IN:KerII:05]	DQ852623	
<i>Tomato leaf curl Bangalore virus</i>	Tomato leaf curl Bangalore virus - A [India:Kerala IV:2005]	ToLCBaV-A[IN:KerIV:05]	DQ887537	
<i>Tomato leaf curl Bangalore virus</i>	Tomato leaf curl Bangalore virus - C [India:Kolar:2008]	ToLCBaV-C[IN:Kol:08]	GU170806	
<i>Tomato leaf curl Bangalore virus</i>	Tomato leaf curl Bangalore virus - C [India:Hessarghetta:2007]	ToLCBaV-C[IN:Hes:07]	GU474418	
<i>Tomato leaf curl Bangalore virus</i>	Tomato leaf curl Bangalore virus - [India:Hyderabad:TC246:2009]	ToLCBaV-[IN:Hyd:TC246:09]	KF551588	
<i>Tomato leaf curl Bangalore virus</i>	Tomato leaf curl Bangalore virus - [India:Hessaraghatta:TC273:2010]	ToLCBaV-[IN:Hes:TC273:10]	KF663697	
<i>Tomato leaf curl Bangalore virus</i>	Tomato leaf curl Bangalore virus - [India:Hessaraghatta:TC265:2010]	ToLCBaV-[IN:Hes:TC265:10]	KF663698	
<b>Tomato leaf curl Bangalore virus</b>	<b>Tomato leaf curl Bangalore virus - A [India:Bangalore 1]</b>	ToLCBaV-A[IN:Ban1]	Z48182	
<b>Tomato leaf curl Bangladesh virus</b>	<b>Tomato leaf curl Bangladesh virus - [Bangladesh:BD2]</b>	ToLCBV-[BD:BD2]	AF188481	
<i>Tomato leaf curl Bangladesh virus</i>	Tomato leaf curl Bangladesh virus - [India:Udaipur:Gaillardia:2009]	ToLCBV-[IN:Uda:Gai:09]	JQ765395	
<i>Tomato leaf curl Cebu virus</i>	Tomato leaf curl Cebu virus - [Philippines:Mindanao APFL3-2:2007]	ToLCCeV-[PH:MinAPFL3-2:07]	EU487008	
<i>Tomato leaf curl Cebu virus</i>	Tomato leaf curl Cebu virus - [Philippines:Mindanao APFL9:2007]	ToLCCeV-[PH:MinAPFL9:07]	EU487009	
<b>Tomato leaf curl Cebu virus</b>	<b>Tomato leaf curl Cebu virus - [Philippines:Nueva Ecita P2-1:2007]</b>	ToLCCeV-[PH:NuEP2-1:07]	EU487025	
<i>Tomato leaf curl Cebu virus</i>	Tomato leaf curl Cebu virus - [Philippines:Cebu P134:2007]	ToLCCeV-[PH:Ceb134:07]	EU487042	
<i>Tomato leaf curl Cebu virus</i>	Tomato leaf curl Cebu virus - [Philippines:Cebu P135:2007]	ToLCCeV-[PH:Ceb135:07]	EU487043	
<i>Tomato leaf curl Cebu virus</i>	Tomato leaf curl Cebu virus - [Philippines:Cebu P152:2007]	ToLCCeV-[PH:Ceb152:07]	EU487044	
<b>Tomato leaf curl China virus</b>	<b>Tomato leaf curl China virus - Baise [China:Guangxi 32:2002]</b>	ToLCCNV-BS[CN:Gx32:02]	AJ558118	
<i>Tomato leaf curl China virus</i>	Tomato leaf curl China virus - Nanning1 [China:Guangxi 18:2002]	ToLCCNV-NN1[CN:Gx18:02]	AJ558119	
<i>Tomato leaf curl China virus</i>	Tomato leaf curl China virus - Nanning1 [China:Guangxi 16:2002]	ToLCCNV-NN1[CN:Gx16:02]	AJ704602	
<i>Tomato leaf curl China virus</i>	Tomato leaf curl China virus - Nanning2 [China:Guangxi 63:2003]	ToLCCNV-NN2[CN:Gx63:03]	AJ704603	
<i>Tomato leaf curl China virus</i>	Tomato leaf curl China virus - [China:Guangxi:Tobacco:JX-2:2010]	ToLCCNV-[CN:Gx:Tob:JX-2:10]	JF681158	
<i>Tomato leaf curl China virus</i>	Tomato leaf curl China virus - [China:Nanning:Oxalis curculata:OX2]	ToLCCNV-[CN:Nan:Oc:OX2]	JX972142	
<b>Tomato leaf curl Diana virus</b>	<b>Tomato leaf curl Diana virus - [Madagascar:Namakely:2001]</b>	ToLCDIV-[MG:Nam:01]	AM701765	
<b>Tomato leaf curl Ghana virus</b>	<b>Tomato leaf curl Ghana virus - [Ghana:Akumadan:2006]</b>	ToLCGV-[GH:Aku:06]	EU350585	
<i>Tomato leaf curl Ghana virus</i>	Tomato leaf curl Ghana virus - [Ghana:Kumasi:2007]	ToLCGV-[GH:Kum:07]	EU847739	
<i>Tomato leaf curl Ghana virus</i>	Tomato leaf curl Ghana virus - [Togo:2006]	ToLCGV-[TO:06]	FJ685620	
<i>Tomato leaf curl Ghana virus</i>	Tomato leaf curl Ghana virus - [Nigeria:2006]	ToLCGV-[NG:06]	FJ685621	

<i>Tomato leaf curl Ghana virus</i>	Tomato leaf curl Ghana virus - [Cameroon:Buea:Okra:2008]	ToLCGV-[CM:Bue:Okra:08]	FM210277	
<i>Tomato leaf curl Ghana virus</i>	Tomato leaf curl Ghana virus - [Cameroon:Buea:Okra2:2008]	ToLCGV-[CM:Bue:Okra2:08]	FM210278	
<i>Tomato leaf curl Ghana virus</i>	Tomato leaf curl Ghana virus - [Cameroon:2009]	ToLCGV-[CM:09]	FR717144	
<i>Tomato leaf curl Ghana virus</i>	Tomato leaf curl Ghana virus - Ageratum [Cameroon:AGFG24:2009]	ToLCGV-Ag[CM:AGFG24:09]	FR873228	
<i>Tomato leaf curl Ghana virus</i>	Tomato leaf curl Ghana virus - Ageratum [Cameroon:AGFG14:2009]	ToLCGV-Ag[CM:AGFG14:09]	FR873229	
<i>Tomato leaf curl Ghana virus</i>	Tomato leaf curl Ghana virus - Ageratum [Cameroon:AGFG23:2009]	ToLCGV-Ag[CM:AGFG23:09]	FR873230	
<i>Tomato leaf curl Ghana virus</i>	Tomato leaf curl Ghana virus - [Cameroon:Fontem:TFB17]	ToLCGV-[CM:Fon:TFB17]	HE659516	
<i>Tomato leaf curl Ghana virus</i>	Tomato leaf curl Ghana virus - [Cameroon:Fontem:TFB2]	ToLCGV-[CM:Fon:TFB2]	HE659517	
<b>Tomato leaf curl Guangdong virus</b>	<b>Tomato leaf curl Guangdong virus - [China:Guangzhou 2:2003]</b>	ToLCGdV-[CN:Gz2:03]	AY602165	
<i>Tomato leaf curl Guangdong virus</i>	Tomato leaf curl Guangdong virus - [China:Guangzhou 3:2003]	ToLCGdV-[CN:Gz3:03]	AY602166	
<i>Tomato leaf curl Guangdong virus</i>	Tomato leaf curl Guangdong virus - [China:Guangdong 32:2007]	ToLCGdV-[CN:Gd32:07]	GQ169042	
<b>Tomato leaf curl Guangxi virus</b>	<b>Tomato leaf curl Guangxi virus - [China:Guangxi 1:2003]</b>	ToLCGxV-[CN:Gx1:03]	AM236784	
<i>Tomato leaf curl Guangxi virus</i>	Tomato leaf curl Guangxi virus - [China:Guangxi 2:2003]	ToLCGxV-[CN:Gx2:03]	AM236785	
<i>Tomato leaf curl Guangxi virus</i>	Tomato leaf curl Guangxi virus - [China:Guangxi 3:2003]	ToLCGxV-[CN:Gx3:03]	AM236786	
<b>Tomato leaf curl Hainan virus</b>	<b>Tomato leaf curl Hainan virus - [China:FQ12:2012]</b>	ToLCHaiV-[CN:FQ12:12]	KF150142	
<b>Tomato leaf curl Hanoi virus</b>	<b>Tomato leaf curl Hanoi virus - [Vietnam:Hanoi:Tomato:2010]</b>	ToLCHaV-[VN:Hanoi:tom:10]	HQ162270	
<i>Tomato leaf curl Hsinchu virus</i>	Tomato leaf curl Hsinchu virus - [Taiwan:Hsinchu:2005]	ToLCHsV-[TW:THsi:05]	DQ866131	
<i>Tomato leaf curl Hsinchu virus</i>	Tomato leaf curl Hsinchu virus - [China:Fujian:2005]	ToLCHsV-[CN:Fuj:05]	EF125190	
<b>Tomato leaf curl Hsinchu virus</b>	<b>Tomato leaf curl Hsinchu virus - [China:Hainan:Ramie:2007]</b>	ToLCHsV-[CN:Hn:Ram:07]	EU596959	EU596960
<i>Tomato leaf curl Hsinchu virus</i>	Tomato leaf curl Hsinchu virus - [China:Zhejiang 4:2008]	ToLCHsV-[CN:Zj4:08]	FN396969	FN396970
<i>Tomato leaf curl Hsinchu virus</i>	Tomato leaf curl Hsinchu virus - [China:Zhejiang 1:2008]	ToLCHsV-[CN:Zj1:08]	FN396971	FN396972
<i>Tomato leaf curl Hsinchu virus</i>	Tomato leaf curl Hsinchu virus - [China:Ramie:HN:2012]	ToLCHsV-[CN:Ra:HN:12]	KC171650	
<i>Tomato leaf curl Hsinchu virus</i>	Tomato leaf curl Hsinchu virus - [China:Ramie:GD:2012]	ToLCHsV-[CN:Ra:GD:12]	KC171652	
<b>Tomato leaf curl Java virus - A [Indonesia]</b>	<b>Tomato leaf curl Java virus - A [Indonesia]</b>	ToLCJaV-A[ID]	AB100304	
<i>Tomato leaf curl Java virus</i>	Tomato leaf curl Java virus - B [Indonesia:Ageratum]	ToLCJaV-B[ID:Age]	AB162141	
<b>Tomato leaf curl Joydebpur virus</b>	<b>Tomato leaf curl Joydebpur virus - [India:Varanasi:Capsicum annum:2010]</b>	ToLCJV-[IN:Var:Caa:10]	<b>HM991146</b>	
<i>Tomato leaf curl Kerala virus</i>	Tomato leaf curl Kerala virus - [India:Kerala 5:2007]	ToLCKeV-[IN:Ker5:07]	EU910140	
<b>Tomato leaf curl Kerala virus</b>	<b>Tomato leaf curl Kerala virus - [India:Kerala 3:2007]</b>	ToLCKeV-[IN:Ker3:07]	EU910141	
<i>Tomato leaf curl Kerala virus</i>	Tomato leaf curl Kerala virus - [India:Gandhinagar:2012]	ToLCKeV-[IN:Gha:12]	KC952005	
<i>Tomato leaf curl Kerala virus</i>	Tomato leaf curl Kerala virus - [India:New Delhi:TC343:2011]	ToLCKeV-[IN:ND:TC343:11]	KF551575	
<b>Tomato leaf curl Laos virus</b>	<b>Tomato leaf curl Laos virus - [Laos]</b>	ToLCLV-[LA]	AF195782	
<b>Tomato leaf curl Liwa virus</b>	<b>Tomato leaf curl Liwa virus - [Oman:Liwa:LW1:2012]</b>	ToLCLwV-[OM:Liw:LW1:12]	HF912280	
<i>Tomato leaf curl Madagascar</i>	Tomato leaf curl Madagascar virus - Menabe [Madagascar:Morondova:2001]	ToLCMGV-Men[MG:Mor:01]	AJ865338	
<b>Tomato leaf curl Madagascar virus</b>	<b>Tomato leaf curl Madagascar virus - Atsimo [Madagascar:Toliary:2001]</b>	ToLCMGV-Ats[MG:Tol:01]	AJ865339	
<b>Tomato leaf curl Malaysia virus</b>	<b>Tomato leaf curl Malaysia virus - Malaysia [Malaysia:Klang:1997]</b>	ToLCMYV-MY[MY:Kla:97]	AF327436	
<b>Tomato leaf curl Mali virus</b>	<b>Tomato leaf curl Mali virus - [Mali]</b>	ToLCMLV-[ML]	AY502936	
<b>Tomato leaf curl Mayotte virus</b>	<b>Tomato leaf curl Mayotte virus - [Mayotte:Kahani:2003]</b>	ToLCYTV-[YT:Kah:03]	AJ865340	
<i>Tomato leaf curl Mayotte virus</i>	Tomato leaf curl Mayotte virus - [Mayotte:Dembeni:2003]	ToLCYTV-[YT:Dem:03]	AJ865341	
<i>Tomato leaf curl Mayotte virus</i>	Tomato leaf curl Mayotte virus - [Comoros:Bambas:2004]	ToLCYTV-[KM:Bam:04]	AM701759	
<i>Tomato leaf curl Mayotte virus</i>	Tomato leaf curl Mayotte virus - Madagascar [Madagascar:Dimadjou:2006]	ToLCYTV-MG[MG:Dim:06]	AM701761	
<i>Tomato leaf curl Mayotte virus</i>	Tomato leaf curl Mayotte virus - [Comoros:Moheli:2005]	ToLCYTV-[KM:Moh:05]	AM701763	
<i>Tomato leaf curl Mayotte virus</i>	Tomato leaf curl Mayotte virus - Madagascar [Madagascar:Namakely:2001]	ToLCYTV-MG[MG:Man:01]	AM701764	
<i>Tomato leaf curl Mayotte virus</i>	Tomato leaf curl Mayotte virus - [Madagascar:Antsalaka:2001]	ToLCYTV-[MG:Ant:01]	AM701766	
<i>Tomato leaf curl Mayotte virus</i>	Tomato leaf curl Mayotte virus - [Madagascar:Miandrivazo:2001]	ToLCYTV-[MG:Man:01]	AM701767	
<i>Tomato leaf curl Mayotte virus</i>	Tomato leaf curl Mayotte virus - [Comoros:Foubouni:Tobacco:2005]	ToLCYTV-[KM:Fou:tob:05]	FN600540	
<b>Tomato leaf curl Mindanao virus</b>	<b>Tomato leaf curl Mindanao virus - [Philippines:Mindanao P162:2007]</b>	ToLCMiV-[PH:MinP162:07]	EU487046	
<i>Tomato leaf curl Mindanao virus</i>	Tomato leaf curl Mindanao virus - [Philippines:Mindanao GDS1:2007]	ToLCMiV-[PH:MinGDS1:07]	EU487047	
<i>Tomato leaf curl Mindanao virus</i>	Tomato leaf curl Mindanao virus - [Philippines:Mindanao GDS6:2007]	ToLCMiV-[PH:MinGDS6:07]	EU487048	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [Thailand:Cucurbit:2006]	ToLCNDV-[TH:Cuc:06]	AB330079	AB330080

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

**Tomato leaf curl New Delhi virus**

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

*Tomato leaf curl New Delhi virus*

Tomato leaf curl New Delhi virus - [Thailand: Bottle gourd: 2006]

Tomato leaf curl New Delhi virus - [Thailand: Cucurbit: 2006]

Tomato leaf curl New Delhi virus - [Indonesia: Java: Cucumber: 2008]

Tomato leaf curl New Delhi virus - [Thailand: Luffa]

Tomato leaf curl New Delhi virus - [Pakistan: Dargai: T5/6: 2001]

Tomato leaf curl New Delhi virus - [Pakistan: Islamabad: T1/8: 2000]

Tomato leaf curl New Delhi virus - [Pakistan: Solanum nigrum: 1997]

**Tomato leaf curl New Delhi virus - [Bangladesh: Jessore: Severe: 2005]**

Tomato leaf curl New Delhi virus - [Pakistan: Lahore: 2004]

Tomato leaf curl New Delhi virus - [India: New Delhi: Pumpkin 1: 2005]

Tomato leaf curl New Delhi virus - [India: New Delhi: Pumpkin 2: 2005]

Tomato leaf curl New Delhi virus - [Pakistan: Multan: Luffa: 2004]

Tomato leaf curl New Delhi virus - [Pakistan: Lahore: 2004]

Tomato leaf curl New Delhi virus - [Pakistan: Multan: Momordica: 2007]

Tomato leaf curl New Delhi virus - [Pakistan: Lahore: Solanum nigrum: 2004]

Tomato leaf curl New Delhi virus - [India: Himachal: Potato: 2006]

Tomato leaf curl New Delhi virus - [India: Meerut: Potato 12: 2002]

Tomato leaf curl New Delhi virus - [India: New Delhi: AVT1]

Tomato leaf curl New Delhi virus - [India: Sonapat: Luffa: 2005]

Tomato leaf curl New Delhi virus - [Pakistan: Khalawal: Chili: 2004]

Tomato leaf curl New Delhi virus - [Pakistan: Solanum nigrum: PT10: 2004]

Tomato leaf curl New Delhi virus - [Pakistan: Solanum nigrum: 2004]

Tomato leaf curl New Delhi virus - [India: New Delhi: 2005]

Tomato leaf curl New Delhi virus - [India: New Delhi: Papaya: 2005]

Tomato leaf curl New Delhi virus - [India: Udayapur: okra: OY142]

Tomato leaf curl New Delhi virus - [India: Hapur: Potato: 2005]

Tomato leaf curl New Delhi virus - [India: Meerut: Potato: 2005]

Tomato leaf curl New Delhi virus - [India: New Delhi: 2006]

Tomato leaf curl New Delhi virus - [Bangladesh: Cucumber: 2006]

Tomato leaf curl New Delhi virus - [Pakistan: 2006]

Tomato leaf curl New Delhi virus - [India: Bahraich: Chilli: 2006]

Tomato leaf curl New Delhi virus - [India: Pune 8: 2008]

Tomato leaf curl New Delhi virus - [India: Haryana: 2003]

Tomato leaf curl New Delhi virus - [Pakistan: Solanum: MS1: 2009]

Tomato leaf curl New Delhi virus - [Pakistan: Solanum: MS4: 2009]

Tomato leaf curl New Delhi virus - [India: Haryana: Lagenaria ciceraria: 2007]

Tomato leaf curl New Delhi virus - [India: New Delhi: 2009]

Tomato leaf curl New Delhi virus - [India: Karnal: OY81A: 2004]

Tomato leaf curl New Delhi virus - [India: Bangalore: OY135: 2005]

Tomato leaf curl New Delhi virus - [India: Guntur: OY136B: 2006]

Tomato leaf curl New Delhi virus - [India: Aurangabad: OY164A: 2006]

Tomato leaf curl New Delhi virus - [Taiwan: Melon: 2007]

Tomato leaf curl New Delhi virus - [Pakistan: Lahore: Rumex dentatus: 2013]

Tomato leaf curl New Delhi virus - [India: New Delhi: Chilli: 2009]

Tomato leaf curl New Delhi virus - [India: Tumkur: Chilli: 2008]

Tomato leaf curl New Delhi virus - [India: 2009]

Tomato leaf curl New Delhi virus - [India: Pune: 2008]

Tomato leaf curl New Delhi virus - [India: New Delhi: Lufa acutangula: JLH13: 2008]

Tomato leaf curl New Delhi virus - [India: Pune: JID27: 2008]

ToLCNDV-[TH:BG:06]

ToLCNDV-[TH:Cuc:06]

ToLCNDV-[ID:JV:Cuc:08]

ToLCNDV-[TH:Luf]

ToLCNDV-[PK:Dar:T5/6:01]

ToLCNDV-[PK:Isl:T1/8:00]

ToLCNDV-[PK:Sn:97]

ToLCNDV-[BG:Jes:Svr :05]

ToLCNDV-[PK:Lah:04]

ToLCNDV-[IN:ND:Pum1:05]

ToLCNDV-[IN:ND:Pum2:05]

ToLCNDV-[PK:Mul:Luf:04]

ToLCNDV-[PK:Lah:04]

ToLCNDV-[PK:Mul:Mom:07]

ToLCNDV-[PK:Lah:Sn:04]

ToLCNDV-[IN:Him:Pot:05]

ToLCNDV-[IN:Mee:Po12:02]

ToLCNDV-[IN:ND:AVT1]

ToLCNDV-[IN:Son:Luf:05]

ToLCNDV-[PK:Kha:Chi:04]

ToLCNDV-[PK:Sn:PT10:04]

ToLCNDV-[PK:Sn:04]

ToLCNDV-[IN:ND:05]

ToLCNDV-[IN:ND:Pap:05]

ToLCNDV-[IN:Uda:Okr:OY142]

ToLCNDV-[IN:Hap:Pot:05]

ToLCNDV-[IN:Mer:Pot:05]

ToLCNDV-[IN:ND:06]

ToLCNDV-[BD:cuc:06]

ToLCNDV-[PK:06]

ToLCNDV-[IN:Bah:Chi:06]

ToLCNDV-[IN:Pun8:08]

ToLCNDV-[IN:Har:03]

ToLCNDV-[PK:Sol:MS1:09]

ToLCNDV-[PK:Sol:MS4:09]

ToLCNDV-[IN:Har:Lc:07]

ToLCNDV-[IN:ND:09]

ToLCNDV-[IN:Kar:OY81A:04]

ToLCNDV-[IN:Ban:OY135:05]

ToLCNDV-[IN:Gun:OY136B:06]

ToLCNDV-[IN:Aur:OY164A:06]

ToLCNDV-[TW:Mel:07]

ToLCNDV-[PK:Lah:Rd:13]

ToLCNDV-[IN:ND:chi:09]

ToLCNDV-[IN:Tum:chi:08]

ToLCNDV-[IN:09]

ToLCNDV-[IN:Pun:08]

ToLCNDV-[IN:ND:La:JLH13:08]

ToLCNDV-[IN:Pun:JID27:08]

AB368447

AB368448

AB613825

AF102276

AF448058

AF448059

AJ620187

AJ875157

AM258977

AM286433

AM286434

AM292302

AM491590

AM747291

AM849548

AM850115

AY286316

AY428769

AY939926

DQ116880

DQ116883

DQ116885

DQ169056

DQ989325

EF035482

EF043230

EF043231

EF068246

EF450316

EF620534

EU309045

FJ468356

FJ561298

FN435309

FN435310

FN645905

GQ865546

GU112082

GU112084

GU112086

GU112088

GU180095

HG316125

HM007113

HM007120

HM159454

HM345979

HM989845

HQ141673

AY150305

AY150304

AJ620188

AJ875158

AM778833

AM286435

AM709505

AM849547

FN356024

AY158080

AY438563

AY939924

DQ116882

DQ116883

DQ116885

DQ169057

EF043233

EF043232

EF620535

GU180096

HM159455

HM989846

HQ141674

<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Maharashtra:Eggplant:2009]	ToLCNDV-[IN:Mah:Eggp:09]	HQ264185	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [Pakistan:Multan:2006]	ToLCNDV-[PK:Mul:06]	HQ658479	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:IARI:Pumpkin:2006]	ToLCNDV-[IN:IARI:pum:06]	JN129254	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Ash gourd:2011]	ToLCNDV-[IN:Ag:11]	JN208136	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [Thailand:Kamphaengsaen:AFSP2c:Sauropus androgynus:2010]	ToLCNDV-[TH:Kam:AFSP2c:Sa:10]	JN809814	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Raebareli:2012]	ToLCNDV-[IN:Rae:12]	JX232220	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:New Delhi:2012]	ToLCNDV-[IN:ND:12]	JX460805	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Lucknow:Papaver somniferum:2012]	ToLCNDV-[IN:Luc:Psom:12]	KC513822	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Delhi:Cucumis sativus:2012]	ToLCNDV-[IN:Del:Csat:12]	KC545812	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Shahjapur:H-SJ-2:2010]	ToLCNDV-[IN:Sha:H-SJ-2:10]	KC874502	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Hisar:HIS-4:2010]	ToLCNDV-[IN:His:HIS-4:10]	KC874503	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Gwalior:GWA-5:2010]	ToLCNDV-[IN:Gwa:GWA-5:10]	KC874504	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Faizabad:FAI-19:2010]	ToLCNDV-[IN:Fai:FAI-19:10]	KC874505	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Deesa:DEE-1:2011]	ToLCNDV-[IN:Dee:DEE-1:11]	KC874506	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Modipuram:MOD2-4:2011]	ToLCNDV-[IN:Mod:MOD2-4:11]	KC874507	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Modipuram:MOD-21:2010]	ToLCNDV-[IN:Mod:MOD-21:10]	KC874508	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Jalandhar:JAL-10:2010]	ToLCNDV-[IN:Jal:JAL-10:10]	KC874509	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [Pakistan:Chenopodium album:Mn-05:2012]	ToLCNDV-[PK:Cal:Mn-05:12]	KC914896	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [Pakistan:Lahore:Convolvulus arvensis:2013]	ToLCNDV-[PK:Lah:Car:13]	KC960492	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [Pakistan:Parthenium hysterophorus:2013]	ToLCNDV-[PK:Phy:13]	KF002409	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Varanasi:2B:2011]	ToLCNDV-[IN:Var:2B:11]	KF537780	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Junagad:TC309:2011]	ToLCNDV-[IN:Jun:TC309:11]	KF551576	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Junagad:TC307:2011]	ToLCNDV-[IN:Jun:TC307:11]	KF551577	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Muskabad:TC242:2009]	ToLCNDV-[IN:Mus:TC242:09]	KF551580	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Rauke:TC237:2009]	ToLCNDV-[IN:Rau:TC237:09]	KF551582	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Muskabad:TC243:2009]	ToLCNDV-[IN:Mus:TC243:09]	KF551587	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Kolkata:TC349:2011]	ToLCNDV-[IN:Kol:TC349:11]	KF551589	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Kolkata:TC350:2011]	ToLCNDV-[IN:Kol:TC350:11]	KF551590	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Tom5:2009]	ToLCNDV-[IN:Tom5:09]	KF571461	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:New Delhi:Severe:1992]	ToLCNDV-[IN:ND:Svr:92]	U15015	U15017
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:New Delhi:Mild:1992]	ToLCNDV-[IN:ND:Mld:92]	U15016	
<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi virus - [India:Lucknow]	ToLCNDV-[IN:Luc]	Y16421	X89653
<b>Tomato leaf curl New Delhi virus 2</b>	<b>Tomato leaf curl New Delhi virus 2 - [India:IANDS1:2011]</b>	ToLCNDV2-[IN:IANDS1:11]	JQ897969	
<b>Tomato leaf curl New Delhi virus 3</b>	<b>Tomato leaf curl New Delhi virus 3 - [India:Bijnor:Chilli:2012]</b>	ToLCNDV3-[IN:Bij:Chi:12]	KC465466	
<b>Tomato leaf curl New Delhi virus 4</b>	<b>Tomato leaf curl New Delhi virus 4 - [India:Junagad:TC306:2011]</b>	ToLCNDV4-[IN:Jun:TC306:11]	KF551592	
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Pakistan:Lahore:2006]	ToLCPaIV-[PK:Lah:06]	AM494976	
<b>Tomato leaf curl Palampur virus</b>	<b>Tomato leaf curl Palampur virus - [India:Palampur:2007]</b>	ToLCPaIV-[IN:Pal:047]	AM884015	AM992534
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Roodan:T7X:2007]	ToLCPaIV-[IR:Roo:07]	EU547682	FJ660442
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Jiroft:Melon:2007]	ToLCPaIV-[IR:Jir:Mel:07]	EU547683	EU547681
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Jiroft 8:T58P:Cucumber:2007]	ToLCPaIV-[IR:Jir8:T58P:Cuc:08]	FJ660431	FJ660425
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Jiroft 5:T51X:Cucumber:2007]	ToLCPaIV-[IR:Jir5:T51X:Cuc:08]	FJ660432	FJ660428
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Kerman:T8X:Cucumber:2007]	ToLCPaIV-[IR:Ker:Cuc:07]	FJ660433	FJ668379
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Kahnoo:T9X:Cucumber:2007]	ToLCPaIV-[IR:Kah:T9X:Cuc:07]	FJ660434	FJ660424
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Jiroft 4:T6X:Cucumber:2007]	ToLCPaIV-[IR:Jir5:T6X:Cuc:08]	FJ660436	FJ660429
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Jiroft 9:T7X:Cucumber:2007]	ToLCPaIV-[IR:Jir9:T7X:Cuc:08]	FJ660437	FJ660435
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Jiroft 7:T11X:Cucumber:2007]	ToLCPaIV-[IR:Jir7:T11X:Cuc:08]	FJ660438	FJ660426
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Jiroft 3:T4X:Cucumber:2007]	ToLCPaIV-[IR:Jir3:T4X:Cuc:08]	FJ660439	FJ660430
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Jiroft 1:T1X:Cucumber:2007]	ToLCPaIV-[IR:Jir1:T1X:Cuc:08]	FJ660440	
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Jiroft 6:T3X:Cucumber:2007]	ToLCPaIV-[IR:Jir6:T3X:Cuc:08]	FJ660441	FJ660427

<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Jiroft 1:T55X:Cucumber:2008]	ToLCPaIV-[IR:Jir1:T55X:Cuc:08]	FJ660444	FJ660443
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [India:Palampur:Pumpkin:2008]	ToLCPaIV-[IN:Pal:Pum:08]	FJ931537	
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Jiroft:T13X:Cucumis melo:2006]	ToLCPaIV-[IR:Jir:T13X:Me:06]	JF501719	
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Jiroft:T65X:Cucumis sativus:2008]	ToLCPaIV-[IR:Jir:T65X:Cuc:08]	JF501720	
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Jiroft:T56X:Cucumis sativus:2008]	ToLCPaIV-[IR:Jir:T56X:Cuc:08]	JF501721	
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Jiroft:T63X:Cucumis sativus:2008]	ToLCPaIV-[IR:Jir:T63X:Cuc:08]	JF501722	
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Jiroft:T61X:Cucumis sativus:2008]	ToLCPaIV-[IR:Jir:T61X:Cuc:08]	JF501723	
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Jiroft:T5X:Cucumis sativus:07]	ToLCPaIV-[IR:Jir:T5X:Cuc:07]	JF501724	
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Iranshahr:M4P:Cucumis melo:2009]	ToLCPaIV-[IR:Ira:M4P:Mel:09]	JF501725	
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Barantin:B908P:Phaseolus vulgaris:2010]	ToLCPaIV-[IR:Bar:B908P:Pv:10]	JF501726	
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Jiroft:K1P:Cucurbita pepo:2009]	ToLCPaIV-[IR:Jir:K1P:Squ:09]	JF501727	
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Khash:W9P:Citrullus lanatus:2010]	ToLCPaIV-[IR:Kha:W9P:Wat:10]	JF501728	
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Iran:Jiroft:T69P:Cucumis sativus:2008]	ToLCPaIV-[IR:Jir:T69P:Cuc:08]	JQ825226	
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [India:Punjab:2010]	ToLCPaIV-[IN:Pun:10]	KC456161	
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [Pakistan:Lahore:Chilli:2012]	ToLCPaIV-[PK:Lah:chi:12]	KC904968	
<i>Tomato leaf curl Palampur virus</i>	Tomato leaf curl Palampur virus - [India:Rauke:TC238:09]	ToLCPaIV-[IN:Rau:TC238:09]	KF663700	
<b>Tomato leaf curl Patna virus</b>	<b>Tomato leaf curl Patna virus - [India:Patna:2008]</b>	ToLCPaIV-[IN:Pat:08]	EU862323	
<i>Tomato leaf curl Patna virus</i>	Tomato leaf curl Patna virus - [India:Lucknow:2009]	ToLCPaIV-[IN:PLuc:09]	GU253915	
<i>Tomato leaf curl Patna virus</i>	Tomato leaf curl Patna virus - [India:Lucknow 2:2009]	ToLCPaIV-[IN:Luc2:09]	GU440580	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - B [Philippines:Los Banos 2]	ToLCPV-B[PH:LB2]	AB050597	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - C [Philippines:Laguna:2006]	ToLCPV-C[PH:Lag:06]	AB307731	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - B [Philippines:Laguna 1:2006]	ToLCPV-B[PH:Lag1:06]	AB377111	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - B [Philippines:Laguna 2:2006]	ToLCPV-B[PH:Lag2:06]	AB377112	
<b>Tomato leaf curl Philippines virus</b>	<b>Tomato leaf curl Philippines virus - A [Philippines:Laguna:2006]</b>	ToLCPV-A[PH:Lag:06]	AB377113	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - A [Philippines:Los Banos 1:1995]	ToLCPV-A[PH:LB1:95]	AF136222	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - B [Philippines:San Leonardo:2005]	ToLCPV-B[PH:SLeo:05]	DQ092867	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - B [Philippines:Nueva Ecita P2:2007]	ToLCPV-B[PH:NuEP2:07]	EU487026	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - B [Philippines:Nueva Ecita P7:2007]	ToLCPV-B[PH:NuEP7:07]	EU487027	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - B [Philippines:Benguet P20:2007]	ToLCPV-B[PH:LagP20:07]	EU487028	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - B [Philippines:Benguet P36:2007]	ToLCPV-B[PH:LagP36:07]	EU487029	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - B [Philippines:Benguet P41:2007]	ToLCPV-B[PH:LagP41:07]	EU487030	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - B [Philippines:Laguna P77:2007]	ToLCPV-B[PH:LagP77:07]	EU487032	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - B [Philippines:Laguna P93:2007]	ToLCPV-B[PH:LagP93:07]	EU487034	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - B [Philippines:Laguna P96:2007]	ToLCPV-B[PH:LagP96:07]	EU487035	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - B [Philippines:Laguna P101:2007]	ToLCPV-B[PH:LagP101:07]	EU487036	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - B [Philippines:Laguna P102:2007]	ToLCPV-B[PH:LagP102:07]	EU487037	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - B [Philippines:Batangas P108:2007]	ToLCPV-B[PH:BatP108:07]	EU487038	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - B [Philippines:Batangas P115:2007]	ToLCPV-B[PH:BatP115:07]	EU487039	
<i>Tomato leaf curl Philippines virus</i>	Tomato leaf curl Philippines virus - B [Philippines:Batangas P118:2007]	ToLCPV-B[PH:BatP118:07]	EU487040	
<b>Tomato leaf curl Pune virus</b>	<b>Tomato leaf curl Pune virus - [India:Pune:2005]</b>	ToLCPuV-[IN:Pun:05]	AY754814	
<b>Tomato leaf curl Rajasthan virus</b>	<b>Tomato leaf curl Rajasthan virus - [India:Rajasthan:2005]</b>	ToLCRaV-[IN:Raj:05]	DQ339117	
<b>Tomato leaf curl Seychelles virus</b>	<b>Tomato leaf curl Seychelles virus - [Seychelles:Val d'Endor:2004]</b>	ToLCSCV-[SC:VE:04]	AM491778	
<b>Tomato leaf curl Sinaloa virus</b>	<b>Tomato leaf curl Sinaloa virus - [Nicaragua:Santa Lucia:NI2]</b>	ToLCSIV-[NI:SL]	AJ608286	AJ508783
<b>Tomato leaf curl Sri Lanka virus</b>	<b>Tomato leaf curl Sri Lanka virus - [Sri Lanka:Bandarawela:1997]</b>	ToLCLKV-[LK:Ban:97]	AF274349	
<b>Tomato leaf curl Sudan virus</b>	<b>Tomato leaf curl Sudan virus - Gezira [Sudan:Gezira:1996]</b>	ToLCSDV-Gez[SD:Gez:96]	AY044137	
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - Shambat [Sudan:Shambat:1996]	ToLCSDV-Sha[SD:Sha:96]	AY044139	
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - Yemen [Yemen:2005]	ToLCSDV-YE[YE:05]	EF110891	
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - Gezira [Sudan:Wad Madani:2007]	ToLCSDV-Gez[SD:WM:07]	GU180085	
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - [Oman:Manah77:2011]	ToLCSDV-[OM:Man77:11]	HE819244	

<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - [Yemen:Tih:tom3:2005]	ToLCSDV-[YE:Tih:tom3:05]	JF919728
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - [Yemen:Tih:tom11:2005]	ToLCSDV-[Tih:tom11:05]	JF919729
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - [Yemen:Tih:tom12:2005]	ToLCSDV-[Tih:tom12:05]	JF919730
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - [Yemen:Tih:tom1:2005]	ToLCSDV-[Tih:tom1:05]	JF919731
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - [Yemen:Tih:tom5:2005]	ToLCSDV-[Tih:tom5:05]	JF919732
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - [Yemen:Had:tob20:1989]	ToLCSDV-[Had:tob20:89]	JF919733
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - [Yemen:Had:tob40:1989]	ToLCSDV-[Had:tob40:89]	JF919734
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - [Oman:Mir1:2011]	ToLCSDV-[OM:Mir1:11]	JN591385
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - [Oman:Mir2:2011]	ToLCSDV-[OM:Mir2:11]	JN591386
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - Shambat [Sudan:31:2011]	ToLCSDV-Sha[SD:31:11]	JX483704
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - Shambat [Sudan:32:2011]	ToLCSDV-Sha[SD:32:11]	JX483705
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - Shambat [Sudan:33:2011]	ToLCSDV-Sha[SD:33:11]	JX483706
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - Shambat [Sudan:41:2011]	ToLCSDV-Sha[SD:41:11]	JX483707
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - Shambat [Sudan:42:2011]	ToLCSDV-Sha[SD:42:11]	JX483708
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - [Sudan:WM:2011]	ToLCSDV-[SD:WM:11]	KC763630
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - [Saudi Arabia:Jizan103:2013]	ToLCSDV-[SA:Jiz103:13]	KC845301
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - [Saudi Arabia:Hail1:2012]	ToLCSDV-[SA:Hail1:12]	KF040453
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - [Saudi Arabia:GB Hail:Phaseolus vulgaris:2012]	ToLCSDV-[SA:GB Hail:Pv:12]	KF444467
<i>Tomato leaf curl Sudan virus</i>	Tomato leaf curl Sudan virus - [Saudi Arabia:Qasim:2012]	ToLCSDV-[SA:Qas:12]	KF561125
<b>Tomato leaf curl Sulawesi virus</b>	<b>Tomato leaf curl Sulawesi virus - [Indonesia:Sulawesi:Langowan F101:2006]</b>	ToLCSuV-[ID:Sul:LanF101:06]	FJ237614
<i>Tomato leaf curl Sulawesi virus</i>	Tomato leaf curl Sulawesi virus - [Indonesia:Sulawesi:Tampaso F104:2006]	ToLCSuV-[ID:Sul:TomF104:06]	FJ237615
<i>Tomato leaf curl Sulawesi virus</i>	Tomato leaf curl Sulawesi virus - [Indonesia:Sulawesi:Langowan F105:2006]	ToLCSuV-[ID:Sul:LanF105:06]	FJ237616
<i>Tomato leaf curl Sulawesi virus</i>	Tomato leaf curl Sulawesi virus - [Indonesia:Sulawesi:Tampaso F108:2006]	ToLCSuV-[ID:Sul:TomF108:06]	FJ237617
<i>Tomato leaf curl Sulawesi virus</i>	Tomato leaf curl Sulawesi virus - [Indonesia:Sulawesi:Langowan F109:Chilli:2006]	ToLCSuV-[ID:Sul:LanF109:Chi:06]	FJ237618
<i>Tomato leaf curl Sulawesi virus</i>	Tomato leaf curl Sulawesi virus - [Indonesia:Sulawesi:Tampaso F1013:Chilli:2006]	ToLCSuV-[ID:Sul:TomF1013:Chi:06]	FJ237619
<i>Tomato leaf curl Sulawesi virus</i>	Tomato leaf curl Sulawesi virus - [Indonesia:Sulawesi:Langowan F1014:Chilli:2006]	ToLCSuV-[ID:Sul:LanF1014:Chi:06]	FJ237620
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [China:Zhejiang 16:2006]	ToLCTV-A[CN:Zj16:06]	AM698111
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [China:Zhejiang 20:2006]	ToLCTV-A[CN:Zj20:06]	AM698112
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Guangdong:BS:2005]	ToLCTV-A[CN:Gd:BS:05]	DQ237918
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Tainan:FDE2.2:2005]	ToLCTV-A[TW:Tn:FDE2.2:05]	DQ866122
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - B [Taiwan:Hualian:GT6:2005]	ToLCTV-B[TW:Hi:GT6:05]	DQ866123
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Changua 1:2005]	ToLCTV-A[TW:Ch1:05]	DQ866125
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Hsinchu:C1:2005]	ToLCTV-A[TW:Hsi:C1:05]	DQ866126
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Taoyuan 1:2005]	ToLCTV-A[TW:Ty1:05]	DQ866127
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - C [Taiwan:Chiayi:LJC14:2005]	ToLCTV-C[TW:Cy:LJC14:05]	DQ866128
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Hualian:HT7:2005]	ToLCTV-A[TW:Hi:HT7:05]	DQ866129
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Taitung:2005]	ToLCTV-A[TW:Tt:05]	DQ866130
<b>Tomato leaf curl Taiwan virus</b>	<b>Tomato leaf curl Taiwan virus - A [China:Hong Kong T1:2007]</b>	ToLCTV-A[CN:HKT1:07]	EU624503
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [China:Zhejiang WZ5:2008]	ToLCTV-A[CN:ZjWZ5:08]	FN256292
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Nantou 1-2:2009]	ToLCTV-A[TW:Nan1-1:09]	GU723708
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Nantou 1-4:2009]	ToLCTV-A[TW:Nan1-4:09]	GU723709
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Liuying 5:2009]	ToLCTV-A[TW:Liu5:09]	GU723710
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - B [Taiwan:Shanhua 15-7:2009]	ToLCTV-B[TW:Sha15-7:09]	GU723711
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Singang 1-8:2009]	ToLCTV-A[TW:Sin1-8:09]	GU723712
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Yanshuei 87-1:2009]	ToLCTV-A[TW:Yan87-1:09]	GU723713
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Jiaosi 7-1:2009]	ToLCTV-A[TW:Jia7-1:09]	GU723714
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - B [Taiwan:Jiaosi 7-8:2009]	ToLCTV-B[TW:Jia7-8:09]	GU723715
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Wuwei 5:2009]	ToLCTV-A[TW:Wuj5:09]	GU723716
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - B [Taiwan:Wuwei 8:2009]	ToLCTV-B[TW:Wuj8:09]	GU723717

<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Wujei 10-6-1:2009]	ToLCTV-A[TW:Wuj10-6-1:09]	GU723718
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Wujei 10-6-6:2009]	ToLCTV-A[TW:Wuj10-6-6:09]	GU723719
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Wujei 10-3-3:2009]	ToLCTV-A[TW:Wuj10-3-3:09]	GU723720
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Yuli 7-1:2009]	ToLCTV-A[TW:Yul7-1:09]	GU723721
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - B [Taiwan:Yuli 7-3:2009]	ToLCTV-B[TW:Yul7-3:09]	GU723722
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Fuli 8-1:2009]	ToLCTV-A[TW:Ful8-1:09]	GU723723
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Fuli 8-5:2009]	ToLCTV-A[TW:Ful8-5:09]	GU723724
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - B [Taiwan:Jian 9-1:2009]	ToLCTV-B[TW:Jia9-1:09]	GU723725
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Jian 4-2:2009]	ToLCTV-A[TW:Jia4-2:09]	GU723726
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Guanshan 3-3:2009]	ToLCTV-A[TW:Gua3-3:09]	GU723727
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Guanshan 3-6:2009]	ToLCTV-A[TW:Gua3-6:09]	GU723728
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan:Luye 2-1:2009]	ToLCTV-A[TW:Luy2-1:09]	GU723729
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - B [Taiwan:Luye 2-4:2009]	ToLCTV-B[TW:Luy2-4:09]	GU723730
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - [China:NS1:2011]	ToLCTV-[CN:NS1:11]	JQ867093
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - [China:PY1:2011]	ToLCTV-[CN:PY1:11]	JQ867094
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - [China:YG1:2011]	ToLCTV-[CN:YG1:11]	JX128094
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - [China:JF01:2011]	ToLCTV-[CN:JF01:11]	JX128095
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - [China:BY01:2011]	ToLCTV-[CN:BY01:11]	JX128096
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - [China:ZLT01:2012]	ToLCTV-[CN:ZLT01:12]	JX128097
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - [China:ZC01:2012]	ToLCTV-[CN:ZC01:12]	JX128098
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - [China:ZN01:2012]	ToLCTV-[CN:ZN01:12]	JX982137
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - [China:ZLT02:2013]	ToLCTV-[CN:ZLT02:13]	KC810891
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - [China:SS01:2012]	ToLCTV-[CN:SS01:12]	KC810893
<i>Tomato leaf curl Taiwan virus</i>	Tomato leaf curl Taiwan virus - A [Taiwan]	ToLCTV-A[TW]	U88692
<b>Tomato leaf curl Toliara virus</b>	<b>Tomato leaf curl Toliara virus - [Madagascar:Mindrivazo:2001]</b>	ToLCToV-[MG:Mia:01]	AM701768
<b>Tomato leaf curl Uganda virus</b>	<b>Tomato leaf curl Uganda virus - [Uganda:Iganga:2005]</b>	ToLCUV-[UG:Iga:05]	DQ127170
<i>Tomato leaf curl Vietnam virus</i>	Tomato leaf curl Vietnam virus - [Vietnam:Hanoi:1998]	ToLCVV-[VN:Hano:98]	AF264063
<i>Tomato leaf curl Vietnam virus</i>	Tomato leaf curl Vietnam virus - [Vietnam:Hanoi:2005]	ToLCVV-[VN:Hano:05]	DQ641697
<i>Tomato leaf curl Vietnam virus</i>	Tomato leaf curl Vietnam virus - [Vietnam:Hanoi:2005]	ToLCVV-[VN:Hano:05]	DQ641705
<b>Tomato leaf curl Vietnam virus</b>	<b>Tomato leaf curl Vietnam virus - [Vietnam:Dan Xa 2:2007]</b>	ToLCVV-[VN:DX1:07]	EU189149
<i>Tomato leaf curl Vietnam virus</i>	Tomato leaf curl Vietnam virus - [Vietnam:Dan Xa 1:2007]	ToLCVV-[VN:DX2:07]	EU189150
<i>Tomato leaf curl Vietnam virus</i>	Tomato leaf curl Vietnam virus - [Vietnam:Hanoi:2007]	ToLCVV-[VN:HA:07]	EU368372
<i>Tomato leaf curl Vietnam virus</i>	Tomato leaf curl Vietnam virus - [Vietnam:Hai Duong 120:2008]	ToLCVV-[VN:HD120:08]	GQ246940
<i>Tomato leaf curl Vietnam virus</i>	Tomato leaf curl Vietnam virus - [Vietnam:Haiphong 23:2008]	ToLCVV-[VN:Hai23:08]	GQ246941
<i>Tomato leaf curl Vietnam virus</i>	Tomato leaf curl Vietnam virus - [Vietnam:Trang Mong:2008]	ToLCVV-[VN:TM:08]	GQ338765
<i>Tomato leaf curl Vietnam virus</i>	Tomato leaf curl Vietnam virus - [Vietnam:Hainoi 103:2008]	ToLCVV-[VN:Hano103:08]	GQ338767
<i>Tomato leaf curl Vietnam virus</i>	Tomato leaf curl Vietnam virus - [Vietnam:Haiduong 122:2008]	ToLCVV-[VN:Hai122:08]	GQ338768
<b>Tomato leaf curl virus</b>	<b>Tomato leaf curl virus - Solanum [Australia:Solanum:D1]</b>	ToLCV-Sol[AU:Sol:D1]	AF084006
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - Solanum [Australia:Solanum:D2]	ToLCV-Sol[AU:Sol:D2]	AF084007
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Vadodara:1999]	ToLCV-[IN:Vad:99]	AF413671
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Mirzapur:1999]	ToLCV-[IN:Mir:99]	AF449999
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Varanasi:2001]	ToLCV-[IN:Var:01]	AY190290
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [Nepal:Panchkhal:2000]	ToLCV-[NP:Pan:00]	AY234383
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [Iran:Iranshahr]	ToLCV-[IR:Ira]	AY297924
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - Janti [India:Janti:2005]	ToLCV-Jan[IN:Jan:05]	AY754812
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:New Delhi:CTS:2006]	ToLCV-[IN:ND:06]	DQ629101
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Dhanbad:2008]	ToLCV-[IN:Dha:08]	EU573714
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - Bangalore [India:Punjab:Mentha:2007]	ToLCV-Ban[IN:Pun:Me:07]	FJ514798
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [Pakistan:Summandri]	ToLCV-[PK:Sum]	FR819708

AY190291

<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Ranchi:2007]	ToLCV-[IN:Ran:07]	GQ994095
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Bangalore:Chilli:2008]	ToLCV-[IN:Ban:Chi:08]	HM007094
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Pune:2008]	ToLCV-[IN:Pun:08]	HM625838
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - Bangalore [India:New Delhi:IKH12:2009]	ToLCV-Ban[IN:ND:IKH12:09]	HM803118
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - Bangalore [India:New Delhi:2009]	ToLCV-Ban[IN:ND:09]	HM851186
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [Australia:Darwin:BRIP57502:2003]	ToLCV-[AU:Dar:BRIP57502:03]	JX416176
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [Australia:Aurukun:BRIP57503:2003]	ToLCV-[AU:Aur:BRIP57503:03]	JX416177
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Lucknow:Parthenium hysterophorus:2012]	ToLCV-[IN:Luc:Phy:12]	JX524172
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Erode:2012]	ToLCV-[IN:Ero:12]	JX547015
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Karnataka:Sunflower:2011]	ToLCV-[IN:Kar:Sunf:11]	JX678965
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Lucknow:Zinnia elegans:2012]	ToLCV-[IN:Luc:Zel:12]	JX987088
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Coimbatore:2012]	ToLCV-[IN:Coi:12]	KC713784
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Frb-Knp:Phaseolus vulgaris:2012]	ToLCV-[IN:Frb-Knp:Pv:12]	KF440686
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Sonipet:TC289:2010]	ToLCKaV-[IN:Son:TC289:10]	KF551578
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Coimbatore:TC255:2010]	ToLCV-[IN:Coi:TC255:10]	KF551579
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Ludhiana:TC239:2009]	ToLCV-[IN:Lud:TC239:09]	KF551581
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Rauke:TC235:2009]	ToLCKaV-[IN:Rau:TC235:09]	KF551585
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:lihr:TC281:2010]	ToLCV-[IN:lih:TC281:10]	KF551586
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Salem:SA1:2012]	ToLCV-[IN:Sal:SA1:12]	KF612317
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Tirunelveli:TRN1:2012]	ToLCV-[IN:Tir:TRN1:12]	KF612318
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Madurai:MDU1:2012]	ToLCV-[IN:Mad:MDU1:12]	KF612319
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - [India:Rauke:TC238:2009]	ToLCV-[IN:Rau:TC238:09]	KF663699
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - Tomato [Australia]	ToLCV-To[AU]	S53251
<i>Tomato leaf curl virus</i>	Tomato leaf curl virus - Bangalore [India:Bangalore:1993]	ToLCKaV-Ban[IN:Ban:93]	U38239
<b>Tomato leaf deformation virus</b>	<b>Tomato leaf deformation virus - [Peru:Tomato:1:2003]</b>	ToLDeV-[PE:tom:1:03]	GQ334472
<i>Tomato leaf deformation virus</i>	Tomato leaf deformation virus - [Peru:PA98-1-1:1998]	ToLDeV-[PE:PA98-1-1:98]	JX501502
<i>Tomato leaf deformation virus</i>	Tomato leaf deformation virus - [Peru:PA98-2-1:1998]	ToLDeV-[PE:PA98-2-1:98]	JX501503
<i>Tomato leaf deformation virus</i>	Tomato leaf deformation virus - [Peru:PA210-3:2010]	ToLDeV-[PE:PA210-3:10]	JX501504
<i>Tomato leaf deformation virus</i>	Tomato leaf deformation virus - [Peru:PA10-S8:2010]	ToLDeV-[PE:PA10-S8:10]	JX501505
<i>Tomato leaf deformation virus</i>	Tomato leaf deformation virus - [Peru:PA10-S9:2010]	ToLDeV-[PE:PA10-S9:10]	JX501506
<i>Tomato leaf deformation virus</i>	Tomato leaf deformation virus - [Peru:PA98-2-TM8:1998]	ToLDeV-[PE:PA98-2-TM8:98]	JX501507
<i>Tomato leaf deformation virus</i>	Tomato leaf deformation virus - [Peru:PA98-2-TM13:1998]	ToLDeV-[PE:PA98-2-TM13:98]	JX501508
<i>Tomato leaf deformation virus</i>	Tomato leaf deformation virus - [Peru:PA98-2-TM5:1998]	ToLDeV-[PE:PA98-2-TM5:98]	JX501509
<i>Tomato leaf deformation virus</i>	Tomato leaf deformation virus - [Ecuador:EA-LE3-5K:2010]	ToLDeV-[EC:EA-LE3-5K:10]	JX501510
<b>Tomato leaf distortion virus</b>	<b>Tomato leaf distortion virus - [Brazil:Paty do Alferes 4:2005]</b>	ToLDV-[BR:Pda4:05]	EU710749
<i>Tomato leaf distortion virus</i>	Tomato leaf distortion virus - [Brazil:Paty do Alferes 47:2005]	ToLDV-[BR:Pda47:05]	KC706605
<b>Tomato mild mosaic virus</b>	<b>Tomato mild mosaic virus - [Brazil:Paty do Alferes 58:2005]</b>	ToMMV-[BR:Pda58:05]	EU710752
<i>Tomato mild mosaic virus</i>	Tomato mild mosaic virus - [Brazil:Vicoso 6:2010]	ToMMV-[BR:Vic6:10]	JX871374
<i>Tomato mild mosaic virus</i>	Tomato mild mosaic virus - [Brazil:Vicoso 7:2010]	ToMMV-[BR:Vic7:10]	JX871375
<i>Tomato mild mosaic virus</i>	Tomato mild mosaic virus - [Brazil:Vicoso 171:2010]	ToMMV-[BR:Vic171:10]	KC706606
<i>Tomato mild mosaic virus</i>	Tomato mild mosaic virus - [Brazil:Vicoso 172:2010]	ToMMV-[BR:Vic172:10]	KC706607
<i>Tomato mild mosaic virus</i>	Tomato mild mosaic virus - [Brazil:Vicoso 19:2010]	ToMMV-[BR:Vic19:10]	KC706608
<i>Tomato mild mosaic virus</i>	Tomato mild mosaic virus - [Brazil:Paty do Alferes 59:2005]	ToMMV-[BR:Pda59:05]	KC706610
<i>Tomato mild mosaic virus</i>	Tomato mild mosaic virus - [Brazil:Paty do Alferes 60:2005]	ToMMV-[BR:Pda60:05]	KC706611
<b>Tomato mild yellow leaf curl Aragua virus</b>	<b>Tomato mild yellow leaf curl Aragua virus - [Venezuela:10:2003]</b>	ToMYLCV-[VE:10:03]	AY927277
<i>Tomato mild yellow leaf curl Aragua virus</i>	Tomato mild yellow leaf curl Aragua virus - [Venezuela:Aragua-Eu1:Euphorbia heterophylla:2003]	ToMYLCV-[VE:Ara-Eu1:Eh:03]	JN368145
<i>Tomato mosaic Havana virus</i>	Tomato mosaic Havana virus - [Nicaragua:2006]	ToMHaV-[NI:06]	EF088197
<b>Tomato mosaic Havana virus</b>	<b>Tomato mosaic Havana virus - [Cuba:Quivicar]</b>	ToMHaV-[CU:Qui]	Y14874
<i>Tomato mottle leaf curl virus</i>	Tomato mottle leaf curl virus - [Brazil:PADFM:2004]	ToMoLCV-[BR:PADFM:04]	JF803246
			EU710753
			EF547938
			Y14875



<i>Tomato mottle leaf curl virus</i>	Tomato mottle leaf curl virus - [Brazil:PA2143:2004]	ToMoLCV-[BR:PA2143:04]	JF803247	
<i>Tomato mottle leaf curl virus</i>	Tomato mottle leaf curl virus - [Brazil:Turv2911:2004]	ToMoLCV-[BR:Turv2911:04]	JF803248	
<i>Tomato mottle leaf curl virus</i>	Tomato mottle leaf curl virus - [Brazil:Turv2904:2004]	ToMoLCV-[BR:Turv2904:04]	JF803249	
<i>Tomato mottle leaf curl virus</i>	Tomato mottle leaf curl virus - [Brazil:Juaz2586:2004]	ToMoLCV-[BR:Juaz2586:04]	JF803250	
<i>Tomato mottle leaf curl virus</i>	Tomato mottle leaf curl virus - [Brazil:Bez2665:2004]	ToMoLCV-[BR:Bez2665:04]	JF803251	
<b>Tomato mottle leaf curl virus</b>	<b>Tomato mottle leaf curl virus - [Brazil:Jaiba 13:2008]</b>	ToMoLCV-[BR:Jai13:08]	KC706615	
<i>Tomato mottle leaf curl virus</i>	Tomato mottle leaf curl virus - [Brazil:Jaiba 56:2008]	ToMoLCV-[BR:Jai56:08]	KC706616	
<b>Tomato mottle Taino virus</b>	<b>Tomato mottle Taino virus - [Cuba]</b>	ToMoTaV-[CU]	AF012300	AF012301
<b>Tomato mottle virus</b>	<b>Tomato mottle virus - [United States:Florida:1989]</b>	ToMoV-[US:Flo:89]	<b>L14460</b>	L14461
<b>Tomato mottle wrinkle virus</b>	<b>Tomato mottle wrinkle virus - [Argentina:Pichanal:400:2008]</b>	ToMoWV-[AR:Pic:400:08]	JQ714137	
<b>Tomato rugose mosaic virus</b>	<b>Tomato rugose mosaic virus - [Brazil:Uberlandia 1:1996]</b>	ToRMV-[BR:Ube1:96]	AF291705	AF291706
<i>Tomato rugose yellow leaf curl virus</i>	Tomato rugose yellow leaf curl virus - [Uruguay:Salto Grande:U1:2009]	TRYLCV-[UY:SG:U1:09]	JN381813	
<i>Tomato rugose yellow leaf curl virus</i>	Tomato rugose yellow leaf curl virus - [Uruguay:Salto Grande:U1:2009]	TRYLCV-[UY:SG:U1:09]	JN381815	
<b>Tomato rugose yellow leaf curl virus</b>	<b>Tomato rugose yellow leaf curl virus - [Uruguay:Salto Grande:U2:2009]</b>	TRYLCV-[UY:SG:U2:09]	JN381819	
<i>Tomato rugose yellow leaf curl virus</i>	Tomato rugose yellow leaf curl virus - [Uruguay:Salto Grande:U3:2009]	TRYLCV-[UY:SG:U3:09]	JN381821	
<i>Tomato rugose yellow leaf curl virus</i>	Tomato rugose yellow leaf curl virus - [Uruguay:Salto Grande:U4:2009]	TRYLCV-[UY:SG:U4:09]	JN381823	
<i>Tomato rugose yellow leaf curl virus</i>	Tomato rugose yellow leaf curl virus - [Uruguay:Salto Grande:U5:2009]	TRYLCV-[UY:SG:U5:09]	JN381825	
<i>Tomato rugose yellow leaf curl virus</i>	Tomato rugose yellow leaf curl virus - [Uruguay:Salto Grande:U5:2009]	TRYLCV-[UY:SG:U5:09]	JN381827	
<i>Tomato rugose yellow leaf curl virus</i>	Tomato rugose yellow leaf curl virus - [Argentina:Corrientes:MT8:2010]	TRYLCV-[AR:Cor:MT8:10]	KC132844	
<b>Tomato severe leaf curl virus</b>	<b>Tomato severe leaf curl virus - Guatemala [Guatemala:Sansirisay:1996]</b>	ToSLCV-GT[GT:San:96]	AF130415	
<i>Tomato severe leaf curl virus</i>	Tomato severe leaf curl virus - Nicaragua [Nicaragua:Condega]	ToSLCV-NI[Ni:Con]	AJ508784	
<i>Tomato severe leaf curl virus</i>	Tomato severe leaf curl virus - Nicaragua [Nicaragua:Santa Lucia]	ToSLCV-NI[Ni:SL]	AJ508785	
<i>Tomato severe leaf curl virus</i>	Tomato severe leaf curl virus - Guatemala [Mexico:Rioverde 1:2005]	ToSLCV-GT[MX:Rio1:05]	DQ347946	
<i>Tomato severe leaf curl virus</i>	Tomato severe leaf curl virus - Guatemala [Mexico:Rioverde 2:2005]	ToSLCV-GT[MX:Rio2:05]	DQ347947	
<i>Tomato severe leaf curl virus</i>	Tomato severe leaf curl virus - [Mexico:SLP3:2011]	ToSLCV-[MX:SLP3:11]	JN676151	
<i>Tomato severe leaf curl virus</i>	Tomato severe leaf curl virus - [Mexico:Huasteca:2011]	ToSLCV-[MX:Hua:11]	JN680352	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:Uberlandia 2:2000]	ToSRV-[BR:Ube1:00]	AY029750	
<b>Tomato severe rugose virus</b>	<b>Tomato severe rugose virus - [Brazil:Petrolina de Goias 1:Capsicum:2003]</b>	ToSRV-[BR:PG1:Cap:03]	DQ207749	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:Sumare:Nicandra physaloides:2007]	ToSRV-[BR:Sum:Np:07]	EU086591	GU358449
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:Piraju:Sao Paulo:2008]	ToSRV-[BR:Pir:Sao:08]	FJ824808	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:Pi1:2007]	ToSRV-[Brazil:Pi1:2007]	HQ606467	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:MG:Pip1696:2003]	ToSRV-[BR:MG:Pip1696:03]	JF803260	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:MG:Pip1792:2003]	ToSRV-[BR:MG:Pip1792:03]	JF803261	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:MG:Ind2857:2004]	ToSRV-[BR:MG:Ind2857:04]	JF803262	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:PADFM:2004]	ToSRV-[BR:PADFM:04]	JF803263	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:GO:Goi1646:2003]	ToSRV-[BR:GO:Goi1646:03]	JX415188	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:768Cro3a:2008]	ToSRV-[BR:768Cro3a:08]	JX415190	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:768Tom8b:2008]	ToSRV-[BR:768Tom8b:08]	JX415193	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:780Tom3:2008]	ToSRV-[BR:780Tom3:08]	JX415196	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:1646Nic1:2008]	ToSRV-[BR:1646Nic1:08]	JX415197	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:1646Tom4a:2008]	ToSRV-[BR:1646Tom4a:08]	JX415198	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:1646Tom4b:2008]	ToSRV-[BR:1646Tom4b:08]	JX415199	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:3539Tom8a:2009]	ToSRV-[BR:3539Tom8a:09]	JX415201	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:3539Tom8b:2009]	ToSRV-[BR:3539Tom8b:09]	JX415202	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:Vicosa 01:2009]	ToSRV-[BR:Vic01:09]	JX865615	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:Vicosa 02:2009]	ToSRV-[BR:Vic02:09]	JX865616	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:Vicosa 03:2009]	ToSRV-[BR:Vic03:09]	JX865617	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:Vicosa 04:2009]	ToSRV-[BR:Vic04:09]	JX865618	
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:Vicosa 05:2009]	ToSRV-[BR:Vic05:09]	JX865619	



<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:Carandai 235:2008]	ToSRV-[BR:Car235:08]	KC004086
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:Carandai 236-1:2008]	ToSRV-[BR:Car236-1:08]	KC004087
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:Carandai 237-6:2008]	ToSRV-[BR:Car237-6:08]	KC004088
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:Carandai 238:2008]	ToSRV-[BR:Car238:08]	KC004089
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:Vicosa 25:2010]	ToSRV-[BR:Vic25:10]	KC004090
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:Carandai 218-3:2008]	ToSRV-[BR:Car218-3:08]	KC706617
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:Carandai 221:2008]	ToSRV-[BR:Car221:08]	KC706618
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:Carandai 226-5:2008]	ToSRV-[BR:Car226-5:08]	KC706619
<i>Tomato severe rugose virus</i>	Tomato severe rugose virus - [Brazil:Carandai 237:2008]	ToSRV-[BR:Car237:08]	KC706620
<b>Tomato yellow leaf curl Axarquia virus</b>	<b>Tomato yellow leaf curl Axarquia virus - [Spain:Algarrobo:ES-mh800:2000]</b>	TYLCAxV-[ES:Alg:ES-mh800:00]	AY227892
<i>Tomato yellow leaf curl Axarquia virus</i>	Tomato yellow leaf curl Axarquia virus - [Italy:Sicily2/2:2007]	TYLCAxV-[IT:Sic2/2:07]	EU734831
<i>Tomato yellow leaf curl Axarquia virus</i>	Tomato yellow leaf curl Axarquia virus - [Italy:Sicily2/5:2007]	TYLCAxV-[IT:Sic:2/507]	EU734832
<i>Tomato yellow leaf curl Axarquia virus</i>	Tomato yellow leaf curl Axarquia virus - [Portugal:Algarve 38:Solanum nigrum:2002]	TYLCAxV-[PT:Alg38:Sni:02]	JN859138
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Honghe [China:Guangxi]	TYLCCNV-HH[CN:Gx]	AF311734
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Dali [China:Yunnan 5:Tobacco:1999]	TYLCCNV-DL[CN:Yn5:Tob:99]	AJ319674
<b>Tomato yellow leaf curl China virus</b>	<b>Tomato yellow leaf curl China virus - Baoshan1 [China:Yunnan 10:Tobacco:2000]</b>	TYLCCNV-BS1[CN:Yn10:Tob :00]	AJ319675
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Baoshan2 [China:Yunnan 11:Tobacco:2000]	TYLCCNV-BS2[CN:Yn11:Tob:00]	AJ319676
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Honghe [China:Yunnan 8:Tobacco:1999]	TYLCCNV-HH[CN:Yn8:Tob:99]	AJ319677
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Honghe [China:Yunnan 36:Tobacco:2001]	TYLCCNV-HH[CN:Yn36:Tob:01]	AJ420316
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Honghe [China:Yunnan 38:Tobacco:2001]	TYLCCNV-HH[CN:Yn38:Tob:01]	AJ420317
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Honghe [China:Yunnan 64:Siegesebeckia:2001]	TYLCCNV-HH[CN:Yn64:Sie:01]	AJ457823
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - [China:Yunnan 25:Tomato:2000]	TYLCCNV-[CN:Yn25:Tom:00]	AJ457985
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Dali [China:Yunnan 43:Tobacco:2001]	TYLCCNV-DL[CN:Yn43:Tob:01]	AJ781302
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - [China:Yunnan 194:2003]	TYLCCNV-[CN:Yn194:03]	AJ971265
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - [China:Yunnan 193:2003]	TYLCCNV-[CN:Yn193:03]	AJ971524
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Honghe [China:Guangxi 102:2004]	TYLCCNV-HH[CN:Gx102:04]	AM050555
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Honghe [China:Yunnan 322:Solanum:2005]	TYLCCNV-HH[CN:Yn322:Sol:05]	AM181683
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Honghe [China:Yunnan 231:Tobacco:2005]	TYLCCNV-HH[CN:Yn231:Tob:05]	AM260701
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Honghe [China:Yunnan 244:Tobacco:2005]	TYLCCNV-HH[CN:Yn244:Tob:05]	AM260702
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - [China:Yunnan 295:Tobacco:2005]	TYLCCNV-[CN:Yn295:Tob:05]	AM260703
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Baoshan3 [China:Yunnan 264:Tobacco:2005]	TYLCCNV-BS3[CN:Yn264:Tob:05]	AM261326
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Baoshan3 [China:Yunnan 278:Malvastrum:2007]	TYLCCNV-BS3[CN:Yn278:Mal:07]	AM980509
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Bean [China:Yunnan:Bean:2004]	TYLCCNV-Bea[CN:Yn:Bea:04]	DQ256460
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Datura [China:Yunnan 72: Datura :2005]	TYLCCNV-Dat[CN:Yn72:Dat:05]	EF011559
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Dali [China:Dali 198:Artemisia:2007]	TYLCCNV-DL[CN:Dal198:Art:07]	EU365686
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Baoshan1 [China:XinJiang 26:2009]	TYLCCNV-BS1[CN:Xj26:09]	FN985163
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - Bean [China:SC65-A:2009]	TYLCCNV-Bea[CN:SC65-A:09]	GU199588
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - [China:Yunnan:T1:2011]	TYLCCNV-[CN:Yn:T1:11]	HF674920
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - [China:Yunnan:T5:2011]	TYLCCNV-[CN:Yn:T5:11]	HF674921
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - [China: Sichuan 101-03:2010]	TYLCCNV-[CN:SC101-03:10]	JN082233
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - [China: Sichuan 101-10:2010]	TYLCCNV-[CN:SC101-10:10]	JN082237
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - [China:Sichuan:Malva parviflora:SC176]	TYLCCNV-[CN:SC:Mp:SC176]	JX679251
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - [China:Malva parviflora:SC226-8:2012]	TYLCCNV-[CN:Mp:SC226:12]	JX679252
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - [China:Panzhihua:Malvastrum coromandelianum:SC44:2009]	TYLCCNV-[CN:Pan:Mcor:SC44:09]	KC189893
<i>Tomato yellow leaf curl China virus</i>	Tomato yellow leaf curl China virus - [China:Panzhihua:Malvastrum coromandelianum:SC327:2010]	TYLCCNV-[CN:Pan:Mcor:SC237:10]	KC189894
<b>Tomato yellow leaf curl Indonesia virus</b>	<b>Tomato yellow leaf curl Indonesia virus - [Indonesia:Lembang:2005]</b>	TYLCIDV-[ID:Lem:05]	AF189018
<b>Tomato yellow leaf curl Kanchanaburi virus</b>	<b>Tomato yellow leaf curl Kanchanaburi virus - [Thailand:Kanchanaburi 1:2001]</b>	AF511529	AF511528
<i>Tomato yellow leaf curl Kanchanaburi virus</i>	Tomato yellow leaf curl Kanchanaburi virus - [Thailand:Kanchanaburi 2:Eggplant:2001]	TYLCKaV-[TH:Kan2:Egg:01]	AF511530
<i>Tomato yellow leaf curl Kanchanaburi virus</i>	Tomato yellow leaf curl Kanchanaburi virus - [Vietnam:2005]	TYLCKaV-[VN:05]	DQ169054

<i>Tomato yellow leaf curl Kanchanaburi virus</i>	Tomato yellow leaf curl Kanchanaburi virus - [Vietnam:Binhuong;Eggplant:2005]	TYLCKaV-[VN:Bin;Egg:05]	DQ641702	
<i>Tomato yellow leaf curl Kanchanaburi virus</i>	Tomato yellow leaf curl Kanchanaburi virus - [Laos:Eggplant:2013]	TYLCKaV-[LA:Eggp:13]	KF218820	
<i>Tomato yellow leaf curl Kanchanaburi virus</i>	Tomato yellow leaf curl Kanchanaburi virus - [Indonesia:Eggplant:AC21:2009]	TYLCKaV-[IN:Eggp:AC21:09]	KF446661	
<i>Tomato yellow leaf curl Kanchanaburi virus</i>	Tomato yellow leaf curl Kanchanaburi virus - [Indonesia:Eggplant:E4:2009]	TYLCKaV-[IN:Eggp:4:09]	KF446663	
<i>Tomato yellow leaf curl Kanchanaburi virus</i>	Tomato yellow leaf curl Kanchanaburi virus - [Indonesia:Eggplant:E5:2009]	TYLCKaV-[IN:Eggp:5:09]	KF446665	
<i>Tomato yellow leaf curl Kanchanaburi virus</i>	Tomato yellow leaf curl Kanchanaburi virus - [Indonesia:Eggplant:E6:2009]	TYLCKaV-[IN:Eggp:E6:09]	KF446667	
<i>Tomato yellow leaf curl Kanchanaburi virus</i>	Tomato yellow leaf curl Kanchanaburi virus - [Indonesia:Chilli pepper:P3:2009]	TYLCKaV-[IN:Chi:P3:09]	KF446669	
<i>Tomato yellow leaf curl Kanchanaburi virus</i>	Tomato yellow leaf curl Kanchanaburi virus - [Indonesia:Chilli pepper:P4:2009]	TYLCKaV-[IN:Chi:P4:09]	KF446671	
<i>Tomato yellow leaf curl Kanchanaburi virus</i>	Tomato yellow leaf curl Kanchanaburi virus - [Indonesia:Chilli pepper:P6:2009]	TYLCKaV-[IN:Chi:P6:09]	KF446673	
<i>Tomato yellow leaf curl Kanchanaburi virus</i>	Tomato yellow leaf curl Kanchanaburi virus - [Indonesia:Chilli pepper:P5:2009]	TYLCKaV-[IN:Chi:P5:09]	KF446675	
<b>Tomato yellow leaf curl Malaga virus</b>	<b>Tomato yellow leaf curl Malaga virus - [Spain:421:1999]</b>	TYLCKaV-[ES:421:99]	AF271234	
<i>Tomato yellow leaf curl Malaga virus</i>	Tomato yellow leaf curl Malaga virus - [Portugal:Algarve 2:2001]	TYLCKaV-[PT:Alg2:01]	JN859135	
<i>Tomato yellow leaf curl Malaga virus</i>	Tomato yellow leaf curl Malaga virus - [Portugal:Algarve 6:2001]	TYLCKaV-[PT:Alg6:01]	JN859137	
<i>Tomato yellow leaf curl Mali virus</i>	Tomato yellow leaf curl Mali virus - Mali [Mali :2003]	TYLCKaV-[ML:ML:03]	AY502934	
<b>Tomato yellow leaf curl Mali virus</b>	<b>Tomato yellow leaf curl Mali virus - Ethiopia [Ethiopia:Melkassa:2005]</b>	TYLCKaV-[ET:Mel:05]	DQ358913	
<i>Tomato yellow leaf curl Mali virus</i>	Tomato yellow leaf curl Mali virus - Mali [Ghana:Kumasi:2007]	TYLCKaV-[GH:Kum:07]	EU847740	
<i>Tomato yellow leaf curl Mali virus</i>	Tomato yellow leaf curl Mali virus - Mali [Cameroon:Gashika:Pe1:2007]	TYLCKaV-[CM:Gas:Pe1:07]	FM212660	
<i>Tomato yellow leaf curl Mali virus</i>	Tomato yellow leaf curl Mali virus - Mali [Cameroon:Gashika:Pe2:2007]	TYLCKaV-[CM:Gas:Pe2:07]	FM212661	
<i>Tomato yellow leaf curl Mali virus</i>	Tomato yellow leaf curl Mali virus - Mali [Cameroon:Gashika1:2007]	TYLCKaV-[CM:Gas1:07]	FM212662	
<i>Tomato yellow leaf curl Mali virus</i>	Tomato yellow leaf curl Mali virus - Mali [Cameroon:Gashika2:2007]	TYLCKaV-[CM:Gas2:07]	FM212663	
<i>Tomato yellow leaf curl Sardinia virus</i>	Tomato yellow leaf curl Sardinia virus - [Spain:Canary]	TYLCKaV-[ES:Can]	AJ519675	
<i>Tomato yellow leaf curl Sardinia virus</i>	Tomato yellow leaf curl Sardinia virus - [Morocco:Agadir:2002]	TYLCKaV-[MA:Aga:02]	AY702650	
<i>Tomato yellow leaf curl Sardinia virus</i>	Tomato yellow leaf curl Sardinia virus - [Tunisia:Bkalta 3:2002]	TYLCKaV-[TN:Bka3:02]	AY736854	
<i>Tomato yellow leaf curl Sardinia virus</i>	Tomato yellow leaf curl Sardinia virus - [Israel:Rehovot :2005]	TYLCKaV-[IL:Reh:05]	DQ845787	
<i>Tomato yellow leaf curl Sardinia virus</i>	Tomato yellow leaf curl Sardinia virus - [Italy:Sicily:2004]	TYLCKaV-[IT:Sic:04]	GU951759	
<i>Tomato yellow leaf curl Sardinia virus</i>	Tomato yellow leaf curl Sardinia virus - [Portugal:Algarve 2:2001]	TYLCKaV-[PT:Alg2:01]	JN859134	
<i>Tomato yellow leaf curl Sardinia virus</i>	Tomato yellow leaf curl Sardinia virus - [Portugal:Algarve 6:2001]	TYLCKaV-[PT:Alg6:01]	JN859136	
<i>Tomato yellow leaf curl Sardinia virus</i>	Tomato yellow leaf curl Sardinia virus - [Spain:Almeria 2:1992]	TYLCKaV-[ES:Alm2:92]	L27708	
<b>Tomato yellow leaf curl Sardinia virus</b>	<b>Tomato yellow leaf curl Sardinia virus - [Italy:Sardinia:1988]</b>	TYLCKaV-[IT:San:88]	X61153	
<i>Tomato yellow leaf curl Sardinia virus</i>	Tomato yellow leaf curl Sardinia virus - [Spain:Murcia 1:1992]	TYLCKaV-[ES:Mur1:92]	Z25751	
<i>Tomato yellow leaf curl Sardinia virus</i>	Tomato yellow leaf curl Sardinia virus - [Italy:Sicily:1991]	TYLCKaV-[IT:Sic:91]	Z28390	
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - A [Thailand:2]	TYLCKaV-[TH:2]	AF141922	AF141897
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - D [Myanmar:Yangon:1999]	TYLCKaV-[MY:Yan:99]	AF206674	
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - C [China:Yunnan 72:2002]	TYLCKaV-[CN:Yn72:02]	AJ495812	
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Thailand:Chiang Mai]	TYLCKaV-[TH:ChMai]	AY514630	AY514633
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Thailand:Nong Khai]	TYLCKaV-[TH:NoK]	AY514631	AY514634
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - E [Thailand:Sakon Nakhon]	TYLCKaV-[TH:SaNa]	AY514632	AY514635
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Thailand:2005]	TYLCKaV-[TH:05]	DQ871222	DQ871220
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:CK18:2006]	TYLCKaV-[TW:CK18:06]	EF577264	EF577265
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:LY3:2006]	TYLCKaV-[TW:LY3:06]	EF577266	EF577267
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Thailand:Lainan:Capsicum:2006]	TYLCKaV-[TH:Lai:Cap:06]	EU249457	EU249458
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Pingtung:LG6:2009]	TYLCKaV-[TW:Pt:LG6:09]	GU208515	GU208519
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Kaohsiung:LJ3:2009]	TYLCKaV-[TW:Kh:LJ3:09]	GU208516	GU208520
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Chiayi:SG4:2009]	TYLCKaV-[TW:Cy:SG4:09]	GU208517	GU208521
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Yunlin:HW2:2009]	TYLCKaV-[TW:Yi:HW2:09]	GU208518	GU208522
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Shezi 6-5:07]	TYLCKaV-[TW:She6-5:07]	GU723731	
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Cyoglin 5-3:07]	TYLCKaV-[TW:Cyo5-3:07]	GU723732	
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Guansi 1-6:07]	TYLCKaV-[TW:Gua1-6:07]	GU723733	
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Jhubei 3-1:07]	TYLCKaV-[TW:Jhu3-1:07]	GU723734	

<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Jhushan 3-5:07]	TYLCTHV-B[TW:Jhu3-5:07]	GU723735	
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Jhushan 4-1:07]	TYLCTHV-B[TW:Jhu4-1:07]	GU723736	
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Jhushan 5-4:07]	TYLCTHV-B[TW:Jhu5-4:07]	GU723737	
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Puli 1-3:07]	TYLCTHV-B[TW:Pul1-3:07]	GU723738	
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Singang 2-6:07]	TYLCTHV-B[TW:Sin2-6:07]	GU723739	
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Singang 8-2:07]	TYLCTHV-B[TW:Sin8-2:07]	GU723740	
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Liuying 2:07]	TYLCTHV-B[TW:Liu2:07]	GU723741	GU723753
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Liuying 5:07]	TYLCTHV-B[TW:Liu5:07]	GU723742	GU723754
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Shanhua 32:07]	TYLCTHV-B[TW:Sha32:07]	GU723743	GU723755
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Yanshuei 1-1:07]	TYLCTHV-B[TW:Yan1-1:07]	GU723744	
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Meinong 4-1:07]	TYLCTHV-B[TW:Mei4-1:07]	GU723745	
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Yanpu 2-7:07]	TYLCTHV-B[TW:Yan2-7:07]	GU723746	
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Yanpu 3-7:07]	TYLCTHV-B[TW:Yan3-7:07]	GU723747	
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Jian 5-5:07]	TYLCTHV-B[TW:Jia5-5:07]	GU723748	
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Shoufong 6-4:07]	TYLCTHV-B[TW:Sho6-4:07]	GU723749	
<i>Tomato yellow leaf curl Thailand virus</i>	Tomato yellow leaf curl Thailand virus - B [Taiwan:Guanshan 2:07]	TYLCTHV-B[TW:Gua2:07]	GU723750	
<b>Tomato yellow leaf curl Thailand virus</b>	<b>Tomato yellow leaf curl Thailand virus - A [Thailand:1]</b>	TYLCTHV-A[TH:1]	X63015	X63016
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Japan:Shizuoka]	TYLCV-Mid[JR:Shz]	AB014346	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Japan:Aichi]	TYLCV-Mid[JR:Aic]	AB014347	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Japan:Omura:Ng]	TYLCV-[JR:Omu:Ng]	AB110217	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Japan:Shimizu]	TYLCV-Mid[JR:Shi]	AB110218	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Japan:Miyazaki]	TYLCV-[JR:Miy]	AB116629	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Japan:Omura:Eustoma]	TYLCV-[JR:Omu:Eus]	AB116630	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Japan:Misumi:Stellaria]	TYLCV-[JR:Mis:Ste]	AB116631	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Japan:Yaizu]	TYLCV-Mid[JR:Yai]	AB116632	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Japan:Atumi]	TYLCV-Mid[JR:Atu]	AB116633	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Japan:Kisozaki]	TYLCV-Mid[JR:Kis]	AB116634	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Japan:Daito]	TYLCV-Mid[JR:Dai]	AB116635	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Japan:Osuka]	TYLCV-Mid[JR:Osu]	AB116636	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Japan:Tosa:2005]	TYLCV-[JR:Tos:05]	AB192965	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Japan:Haruno:2005]	TYLCV-[JR:Har:05]	AB192966	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Japan:Tomigusuku:2007]	TYLCV-[JR:Toc:07]	AB363566	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Japan:Tochigi:2007]	TYLCV-[JR:Toc:07]	AB439841	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Japan:Tokai:2007]	TYLCV-Mid[JR:Tok:07]	AB439842	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Iksan:IS:2010]	TYLCV-[KR:Iks:IS:10]	AB613208	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Nonsan:NS:2010]	TYLCV-[KR:Non:NS:10]	AB613209	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Yesan:YS:2011]	TYLCV-[KR:Yes:YS:11]	AB636264	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Gangju:GJ:2011]	TYLCV-[KR:Gan:GJ:11]	AB636409	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Cheju:CJ-cgh:2011]	TYLCV-[KR:Che:CJ-cgh:11]	AB636410	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Cheju:CJ-ljs:2011]	TYLCV-[KR:Che:CJ-ljs:11]	AB636411	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Cheju:CJ-Kdo:2011]	TYLCV-[KR:Che:CJ-Kdo:11]	AB636412	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:CC:2011]	TYLCV-[KR:CC:11]	AB669434	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Dominican Republic]	TYLCV-[DO]	AF024715	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Spain:72:1997]	TYLCV-Mid[ES:72:97]	AF071228	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Portugal:2:1995]	TYLCV-Mid[PT:2:95]	AF105975	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Iran [Iran:Iranshahr:1998]	TYLCV-IR[IR:Ira:98]	AJ132711	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Cuba]	TYLCV-[CU]	AJ223505	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Spain:Almeria:Pepper:1999]	TYLCV-[ES:Alm:Pep:99]	AJ489258	
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Spain:Almeria:1999]	TYLCV-Mid[ES:Alm:99]	AJ519441	

<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Turkey:Mersin:2005]	TYLCV-[TR:Mer:05]	AJ812277
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Reunion:2002]	TYLCV-Mld[RE:02]	AJ865337
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shangai 2:2005]	TYLCV-[CN:Sh2:05]	AM282874
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Reunion:St Gilles 4:2004]	TYLCV-[RE:STG4:04]	AM409201
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Zhejiang 3:2006]	TYLCV-[CN:Zj3:06]	AM698117
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Zhejiang 6:2006]	TYLCV-[CN:Zj6:06]	AM698118
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Zhejiang 8:2006]	TYLCV-[CN:Zj8:06]	AM698119
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Gezira [Sudan:1996]	TYLCV-Gez[SD:96]	AY044138
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Puerto Rico:2001]	TYLCV-[PR:01]	AY134494
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [United States:Florida:1997]	TYLCV-[US:FL]	AY530931
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Egypt:Ismaelia]	TYLCV-[EG:ISM]	AY594174
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Jordan:Homra:2003]	TYLCJV-Mld[JO:Hom:03]	AY594175
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Italy:Sicily:2004]	TYLCV-[IT:Sic:04]	DQ144621
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Mexico:Culiacan]	TYLCV-[MX-Cul]	DQ631892
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Iran [Oman:Al-Batinah:2005]	TYLCV-IR[OM:Alb:05]	DQ644565
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Lebanon:Tomato:2005]	TYLCV-[LB:Tom:05]	EF051116
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Jordan:Tomato:2005]	TYLCV-[JO:Tom:05]	EF054893
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Jordan:Tomato:2005]	TYLCV-Mld[JO:Tom:05]	EF054894
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Morocco:Berkane:2005]	TYLCV-[MO:Ber:05]	EF060196
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Tunisia:2005]	TYLCV-[TN:05]	EF101929
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Egypt:Nobarria:1991]	TYLCV-[EG:Nob:91]	EF107520
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [United States:Texas:2006]	TYLCV-[US:TX:06]	EF110890
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Jordan:Cucumber:2005]	TYLCV-Mld[JO:Cuc:05]	EF158044
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Lebanon:LBA44:2005]	TYLCV-Mld[LB:LBA44:05]	EF185318
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [United Staes:Arizona:2006]	TYLCV-[US:AZ:06]	EF210554
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Mexico:Sonora:2006]	TYLCV-[MX:Son:06]	EF210555
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Jordan:Cucumber:2006]	TYLCV-[JO:Cuc:06]	EF433426
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Mexico:Sinaloa:2006]	TYLCV-[MX:Sin:06]	EF523478
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [United States:California:2006]	TYLCV-[US:CA:06]	EF539831
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shangai 10:2006]	TYLCV-[CN:Sh10:06]	EU031444
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Hormozgan [Iran:Bandar Abbas:2007]	TYLCV-Hor[IR:Ban:07]	EU085423
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Jordan:Homrat El Sayun:Cucumber:2006]	TYLCV-Mld[JO:OES:Cuc:06]	EU143745
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Kahnoo [Iran:Kahnoo]:2007]	TYLCV-Kah[IR:Kah:07]	EU635776
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Mexico:Guasave:2008]	TYLCV-[MX:Gua:08]	FJ012358
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Iran:Abadeh:2007]	TYLCV-[IR:Aba:07]	FJ355946
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Netherland:2008]	TYLCV-[NL:08]	FJ439569
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Mexico:Guasave:Physalis:2008]	TYLCV-[MX:Gua:Phy:08]	FJ609655
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Anhui 1:2008]	TYLCV-[CN:Ah1:08]	FJ646611
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Oman [Oman:Al-batinah 22:2005]	TYLCV-OM[OM:Alb22:05]	FJ956700
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Iran [Oman:Al-batinah 12:2005]	TYLCV-IR[OM:Alb12:05]	FJ956701
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Iran [Oman:Al-batinah 13:2005]	TYLCV-IR[OM:Alb13:05]	FJ956702
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Iran [Oman:Al-batinah 23:2005]	TYLCV-IR[OM:Alb23:05]	FJ956703
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Iran [Oman:Al-batinah 26:2005]	TYLCV-IR[OM:Alb26:05]	FJ956704
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Iran [Oman:Al-batinah 34:2005]	TYLCV-IR[OM:Alb34:05]	FJ956705
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Oman:Al-batinah 76:2005]	TYLCV-[OM:Alb76:05]	FJ956706
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Hangzhou 1:2007]	TYLCV-[CN:Hh:07]	FN252890
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Zhejiang 12:2008]	TYLCV-[CN:Zj12:08]	FN256256
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shandong 2:2008]	TYLCV-[CN:Sd2:08]	FN256257
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shangai 3:2008]	TYLCV-[CN:Sh3:08]	FN256258

<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Jiangsu 1:2008]	TYLCV-[CN:Js 1:08]	FN256259
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Anhui:2009]	TYLCV-[CN:Ah:09]	FN650807
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Anhui 2:2009]	TYLCV-[CN:Ah2:09]	FN650808
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Grenada:Hermitage:2007]	TYLCV-[GR:Her:07]	FR851297
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Grenada:Paradise:2007]	TYLCV-[GR:Par:07]	FR851298
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Busan:2009]	TYLCV-[KR:Bus:09]	GQ141873
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:SDZB]	TYLCV-[CN:SDZB]	GQ352537
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:SDZZ]	TYLCV-[CN:SDZZ]	GQ352538
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Jordan:2008]	TYLCV-[JO:08]	GQ861426
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Jordan:2:2008]	TYLCV-Mld[JO:2:08]	GQ861427
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Iran:Taft 30:2006]	TYLCV-[IR:Taf30:06]	GU076440
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Oman [Iran:Jiroft 31:2006]	TYLCV-OM[IR:Jir31:06]	GU076441
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Kerman [Iran:Hormozgan 32:2006]	TYLCV-Ker[IR:Hor32:06]	GU076442
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Kerman [Iran:Hormozgan 33:2006]	TYLCV-Ker[IR:Hor33:06]	GU076443
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Iran:Shiraz 40:2007]	TYLCV-[IR:Shi40:07]	GU076444
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Iran:Orzuiyeh 28:2007]	TYLCV-[IR:Orz28:07]	GU076445
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Iran:Shiraz 46:2007]	TYLCV-[IR:Shi46:07]	GU076446
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Iran:Shiraz 47:2007]	TYLCV-[IR:Shi47:07]	GU076447
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curlvirus - Kerman [Iran:Kahnoo 23:2006]	TYLCV-Ker[IR:Kah23:06]	GU076448
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curlvirus - Kerman [Iran:Kahnoo 21:2006]	TYLCV-Ker[IR:Kah21:06]	GU076449
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Oman [Iran:Jiroft 48:2007]	TYLCV-OM[IR:Jir48:07]	GU076450
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Oman [Iran:Roodan 25:2006]	TYLCV-OM[IR:Roo25:06]	GU076451
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Oman [Iran:Jiroft 42:2006]	TYLCV-OM[IR:Jir42:06]	GU076452
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Oman [Iran:Jiroft 31p:2006]	TYLCV-OM[IR:Jir31p:06]	GU076453
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Boushehr [Iran:Genaveh 29:2006]	TYLCV-Bou[IR:Gen29:06]	GU076454
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Zhejiang 2:2007]	TYLCV-[CN:Zj2:07]	GU111505
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Hwaseong:2009]	TYLCV-[KR:Hwa:09]	GU126513
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Australia.Brisbane 1:2006]	TYLCV-[AU:Bun3:06]	GU178813
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Australia.Brisbane 2:2006]	TYLCV-[AU:Bun3:06]	GU178814
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Australia.Brisbane 3:2006]	TYLCV-[AU:Bun3:06]	GU178815
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Australia.Brisbane 4:2006]	TYLCV-[AU:Bun3:06]	GU178816
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Australia.Bundaberg 1:2006]	TYLCV-[AU:Bun3:06]	GU178817
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Australia.Brisbane 5:2006]	TYLCV-[AU:Bun3:06]	GU178818
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Australia.Bundaberg 2:2006]	TYLCV-[AU:Bun3:06]	GU178819
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Australia.Bundaberg 3:2006]	TYLCV-[AU:Bun3:06]	GU178820
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:SD2A:2008]	TYLCV-[CN:Sd2A:08]	GU199587
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [United States:Poamoho:2009]	TYLCV-[US:Poa:09]	GU322423
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [United States:Wailuku:2009]	TYLCV-[US:Wai:09]	GU322424
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Nonsan:2009]	TYLCV-[KR:Non:09]	GU325632
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Jeju:2009]	TYLCV-[KR:Jej:09]	GU325633
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Boseong:2009]	TYLCV-[KR:Bos:09]	GU325634
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Hebei:2009]	TYLCV-[CN:Heb:09]	GU348995
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Guatemala:Salama:2006]	TYLCV-[GU:Sal:06]	GU355941
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shanghai:Tomato1:2008]	TYLCV-[CN:SH:Tom1:08]	GU434141
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Anhui:Hefei:Tomato1:2008]	TYLCV-[CN:AH:HF:Tom1:08]	GU434142
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shanghai:Cowpea:2008]	TYLCV-[CN:SH:Cwp:08]	GU434143
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shanghai:Sweetpepper:2008]	TYLCV-[CN:SH:Spep:08]	GU434144
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Tianjin:2009]	TYLCV-[CN:Tia:09]	GU563330
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Baoding:2009]	TYLCV-[CN:Bao:09]	GU951436

<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Handan:2009]	TYLCV-[CN:Han:09]	GU951437
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Beijing 3:2009]	TYLCV-[CN:Bei3:09]	GU983859
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Israel:2009]	TYLCV-[IL:09]	HC324539
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [New Caledonia:Noumea1:2010]	TYLCV-[NC:Nou1:10]	HE603241
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [New Caledonia:Noumea2:2010]	TYLCV-[NC:Nou2:10]	HE603242
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [New Caledonia:Noumea3:2010]	TYLCV-[NC:Nou3:10]	HE603243
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [New Caledonia:Noumea4:2010]	TYLCV-[NC:Nou4:10]	HE603244
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [New Caledonia:La Foa:2010]	TYLCV-[NC:LFO:10]	HE603245
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [New Caledonia:Ouvea:2010]	TYLCV-[NC:Ouv:10]	HE603246
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Oman:Al-Khaburah:KB18-7:2011]	TYLCV-[OM:KB18-7:11]	HE819240
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Oman:Bidiya:2011]	TYLCV-[OM:Bid:11]	HE819241
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Oman:Nizwa:NZ-74:2011]	TYLCV-[OM:Niz:NZ-74:11]	HE819242
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Oman:BidBid:2011]	TYLCV-[OM:BidBid:11]	HE819243
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Oman:T-38:2011]	TYLCV-[OM:T-38:11]	HE819245
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shouguang:Shandong:2009]	TYLCV-[CN:Sho:Sd:09]	HM043732
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Masan:2009]	TYLCV-[KR:Mas:09]	HM130912
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Jeonju:2009]	TYLCV-[KR:Jeo:09]	HM130913
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Jeju2:2009]	TYLCV-[KR:Jeu2:09]	HM130914
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Hebei:whitefly:2009]	TYLCV-[CN:Heb:WF:09]	HM208334
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Yin:Shandong:2009]	TYLCV-[CN:Yin:Sd:09]	HM358879
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Mauritius:Mauritius:2009]	TYLCV-[MU:Mau:09]	HM448447
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Mexico:Baja California Sur:2008]	TYLCV-[MX:BCS:08]	HM459851
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shandong:SDHZ:2009]	TYLCV-[CN:SD:SDHZ:09]	HM627882
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Heze:2009]	TYLCV-[CN:Hez:09]	HM627882
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Jinan:2009]	TYLCV-[CN:Jin:09]	HM627883
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Laiyang:2009]	TYLCV-[CN:Lai:09]	HM627884
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shandong:SDLY:2010]	TYLCV-[CN:SD:SDLY:10]	HM627884
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Zibo:2009]	TYLCV-[CN:Zib:09]	HM627885
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Samsheonpo:2008]	TYLCV-[KR:Sam:08]	HM856873
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Busan 8:2009]	TYLCV-[KR:Bus8:09]	HM856909
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Buyeo 12:2009]	TYLCV-[KR:Buy12:09]	HM856910
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Goseong 21:2009]	TYLCV-[KR:Gos21:09]	HM856911
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Guwi 19:2009]	TYLCV-[KR:Gun19:09]	HM856912
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Gwangju 30:2009]	TYLCV-[KR:Gwa30:09]	HM856913
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Gwangyang 6:2009]	TYLCV-[KR:Gwa6:09]	HM856914
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Gyeongju 52:2009]	TYLCV-[KR:Gye52:09]	HM856915
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Iksan 9:2009]	TYLCV-[KR:Iks9:09]	HM856916
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Jangheung 44:2009]	TYLCV-[KR:Jan44:09]	HM856917
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Nonsan 1:2009]	TYLCV-[KR:Non1:09]	HM856918
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Uiseong 41:2009]	TYLCV-[KR:Uis41:09]	HM856919
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [United States:Kailua Kona:2010]	TYLCV-[US:KLK:10]	HM988987
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [South Korea:Chang Won:2009]	TYLCV-[KR:CW:09]	HQ260984
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shandong:SDLZ]	TYLCV-[CN:SDLZ]	HQ702861
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shandong:SDSG]	TYLCV-[CN:SDSG]	HQ702862
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shandong:HeZe]	TYLCV-[CN:SD:Heze]	HQ702863
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shandong:JiNing:2010]	TYLCV	JF301667
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shandong:Qingdao]	TYLCV	JF301668
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDT]	TYLCV	JF414236
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [HNSQ]	TYLCV	JF414237



<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - KISR		JF451352
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SJZ1	TYLCV	JF727878
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SJZ2	TYLCV	JF817218
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Langfang	TYLCV	JF833036
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Handanquzhou	TYLCV	JF964959
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Damyang 43	TYLCV	JN183872
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Damyang 1	TYLCV	JN183873
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Damyon 17	TYLCV	JN183874
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Damyang 34	TYLCV	JN183875
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Damyang 38	TYLCV	JN183876
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Gongju 49	TYLCV	JN183877
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Okcheon 1	TYLCV	JN183878
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Andong 1	TYLCV	JN183879
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Andong 2	TYLCV	JN183880
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SX-8	TYLCV	JN412854
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [KW1		JN604484
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [KW2		JN604485
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [KW3		JN604486
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [DT1		JN604487
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [DT2		JN604488
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Goseong		JN680149
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Haenam	TYLCV	JN680150
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Huastec	TYLCV	JN680353
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HBBB	TYLCV	JN990922
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HBDC	TYLCV	JN990923
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HNJX	TYLCV	JN990924
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HNNH	TYLCV	JN990925
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HNZM	TYLCV	JN990926
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus SDJN	TYLCV	JN990927
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus SDLW	TYLCV	JN990928
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [HNZZ158		JQ004028
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HBDZ		JQ004045
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HBQX		JQ004046
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HBRY		JQ004047
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HNHJ		JQ004048
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HNKF		JQ004049
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HNPY		JQ004050
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HNSJ		JQ004051
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HNXW		JQ004052
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [To		JQ013089
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Gh		JQ013090
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Gj		JQ013091
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [HNHX		JQ034613
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HBYQ		JQ038232
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HNMC		JQ038233
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HNQF		JQ038234
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HNQX		JQ038235
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HNTY		JQ038236
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HNWH		JQ038237

<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HNWX	JQ038238
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus HNXX	JQ038239
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus SDCL	JQ038240
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Kermanshah	JQ231214
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus-IL [MX: SLP:11]	JQ303121
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [AH-M4-23	JQ326957
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus	JQ354991
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Shouguang	JQ411237
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [neyshabur	JQ414025
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [KS2-5	JQ807735
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Israel - [SS11	JQ867092
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [63-Birjand	JQ928346
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Cherry-Fadisheh	JQ928347
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [120-Dargaz	JQ928348
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Iran:143-Bojnord:2010]	JQ928349
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [JN11	JX070042
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [BZ28	JX070043
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [LY39	JX070044
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [HZ65	JX070045
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Israel - [SS12	JX128099
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Israel - [JS88	JX128100
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl Sardinia virus	JX131285
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus	JX131286
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Homr	JX444575
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [KSCTo4	JX456637
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [KSCTo16	JX456638
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [KYCTo18	JX456639
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [KZPTo20	JX456640
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [KSCPe6	JX456641
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [KSCPe7	JX456642
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [KSCEg1	JX456643
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [KSCD	JX456644
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDCS	JX669541
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDFX	JX669542
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDMY	JX669543
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDYT	JX669544
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [HZ	JX675237
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDT	JX856172
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDTZ	JX856173
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [JS-AA-06	JX910534
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Cheongwon2	JX961665
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Ganghwa2	JX961666
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Hwasun29	JX961667
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Pyeongtaek1	JX961668
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Seongnam1-1	JX961669
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shanxi: SX73:2011]	JX997798
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shanxi: SX96:2012]	JX997799
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shanxi: SX136:2012]	JX997800
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shanxi: SX137:2012]	JX997801

<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shanxi: SX185:2012]	JX997802
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [China:Shanxi: SX186:2012]	JX997803
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - II - [TYLCV-IL[IR:Boj:5-2]	KC106635
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - II - [TYLCV-IL[IR:Boj:8-1]	KC106636
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - II - [TYLCV-IL[IR:Boj:11-1]	KC106637
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - II - [TYLCV-IL[IR:Boj:23-7]	KC106638
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - II - [TYLCV-IL[IR:Boj:23-A]	KC106640
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - II - [TYLCV-IL[IR:Boj:28-7]	KC106641
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - II - [TYLCV-IL[IR:Boj:28-3]	KC106642
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - II - [TYLCV-IL[IR:Boj:28-5]	KC106643
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - II - [TYLCV-IL[IR:Boj:28-2]	KC106644
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - II - [TYLCV-IL[IR:Boj:28-8]	KC106645
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - II - [TYLCV-IL[IR:Boj:132-1]	KC106646
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - II - [TYLCV-IL[IR:Boj:132-13]	KC106647
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - II - [TYLCV-IL[IR:Boj:A1]	KC106648
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - II - [TYLCV-IL[IR:Boj:A2]	KC106649
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - II - [TYLCV-IL[IR:Boj:C3]	KC106650
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - II - [TYLCV-IL[IR:Boj:C5]	KC106651
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - II - [TYLCV-IL[IR:Boj:C6]	KC106652
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [TYLCV-SXYL4	KC138543
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [TYLCV-SXYL3	KC138544
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [TYLCV-SXYL2	KC138545
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [TYLCV-SXXY	KC138546
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [MS001	KC211184
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [AH-BB	KC312655
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [AH-HF	KC312656
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [HB-SJZ	KC312657
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [HB-TS	KC312658
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [HB-WH1	KC312659
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [HB-WH2	KC312660
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [HN-ZZ	KC312661
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [JS-NJ	KC312662
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [JS-NT	KC312663
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SD-LC	KC312664
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SD-SG	KC312665
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SD-WF	KC312666
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SH1	KC312667
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SH2	KC312668
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SX-XA1	KC312669
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SX-XA2	KC312670
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [ZJ-HZ	KC312671
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [ZJ-JX	KC312672
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [ZJ-NB	KC312673
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [KSQ1-3	KC428753
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [HBCL	KC702796
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [HBFN	KC702797
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [JLSY	KC702798
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - II - [SS13	KC810892
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDGp	KC852147

<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDAb	KC852149
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDAc	KC852150
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDZl	KC852151
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDSG	KC999843
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDSGDT	KC999844
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDSGGC	KC999845
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDSGGC-1	KC999846
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDSGMT	KC999847
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDSGXFBL	KC999848
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDWF-L3	KC999849
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDWF-L7	KC999850
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [SDSG-XC	KC999851
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Kore	KF225312
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [GY01	KF356163
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus TYLCV-SA H52	KF435136
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus Has3	KF435137
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [CR:5240-16:2012	KF533855
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [CR:5240-17:2012	KF533856
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [CR:5241-14:2012	KF533857
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - [Shijiazhuang	KF612971
<b>Tomato yellow leaf curl virus</b>	<b>Tomato yellow leaf curl virus - [Israel:Rehovot:1986]</b>	TYLCV-[IL:Reo:86]
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl virus - Mild [Israel:1993]	TYLCV-Mid[IL:93]
<b>Tomato yellow leaf curl Yunnan virus</b>	<b>Tomato yellow leaf curl Yunnan virus - [YN2013 10</b>	X15656
<i>Tomato yellow leaf curl Yunnan virus</i>	Tomato yellow leaf curl Yunnan virus - [YN2013 1	X76319
<i>Tomato yellow leaf curl Yunnan virus</i>	Tomato yellow leaf curl Yunnan virus - [YN2013 2	KC686705
<i>Tomato yellow leaf curl Yunnan virus</i>	Tomato yellow leaf curl Yunnan virus - [YN2013 3	KC686706
<i>Tomato yellow leaf curl Yunnan virus</i>	Tomato yellow leaf curl Yunnan virus - [YN2013 6	KC686707
<i>Tomato yellow leaf curl Yunnan virus</i>	Tomato yellow leaf curl Yunnan virus - [YN2013 7	KC686708
<b>Tomato yellow leaf distortion virus</b>	<b>Tomato yellow leaf distortion virus - [Cuba:5E17:2007]</b>	KC686709
<i>Tomato yellow leaf distortion virus</i>	Tomato yellow leaf distortion virus - [Cuba:Vinales:Sida:03A-1-C1203B:2007]	KC686710
<i>Tomato yellow leaf distortion virus</i>	Tomato yellow leaf distortion virus - [Cuba:Trinidad:Sida:03A-1-CLA1:2007]	FJ174698
<i>Tomato yellow leaf distortion virus</i>	Tomato yellow leaf distortion virus - [Cuba:Trinidad:Sida:03A-1-CLA2:2007]	HE806438
<i>Tomato yellow leaf distortion virus</i>	Tomato yellow leaf distortion virus - [Cuba:Tomato:Ad:2007]	HE806440
<b>Tomato yellow margin leaf curl virus</b>	<b>Tomato yellow margin leaf curl virus - [Venezuela:Merida:57]</b>	HE806450
<b>Tomato yellow mottle virus</b>	<b>Tomato yellow mottle virus - [Costa Rica:2003]</b>	JQ425075 FJ999999
<b>Tomato yellow spot virus</b>	<b>Tomato yellow spot virus - [Brazil:Bicas 2:1999]</b>	ToYLDV-[CU:5E17:07]
<i>Tomato yellow spot virus</i>	Tomato yellow spot virus - Leonurus [Brasil:PR88:2008]	ToYLDV-[CU:Sid:03A-1-C1203B:07]
<i>Tomato yellow spot virus</i>	Tomato yellow spot virus - Leonurus [Brasil:PR49:2007]	ToYLDV-[CU:Sid:03A-1-CLA1:07]
<i>Tomato yellow spot virus</i>	Tomato yellow spot virus - Leonurus [Brasil:PR117:2010]	ToYLDV-[CU:Sid:03A-1-CLA2:07]
<i>Tomato yellow spot virus</i>	Tomato yellow spot virus - Leonurus [Paraguay:PAR07:2010]	ToYLDV-[CU:Tom:Ad7:07]
<b>Tomato yellow vein streak virus</b>	<b>Tomato yellow vein streak virus - [Brazil:Potato:1983]</b>	ToYMLCV-[VE:Mer:57]
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Monte Mor:Tomato:G-22:2006]	ToYMoV-[CR:03]
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Argentina:Potato:T06:2008]	ToYMSV-[BR:Bic2:99]
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Chile:179:Tomato:2012]	ToYMSV-[AR:08]
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Chile:VS-B4:Tomato:2012]	ToYMSV-Le[BR:PR88:08]
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Chile:VS-G9:Tomato:2012]	ToYMSV-Le[BR:PR49:07]
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes12:2005]	ToYMSV-Le[BR:PR117:10]
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes13:2005]	ToYMSV-Le[PY:PAR07:10]
		ToYMSV-[BR:Pot:83]
		ToYMSV-[BR:Tom:MM22:06]
		ToYMSV-[AR:Pot:T06:08]
		TYVSV-[CL:179:To:2012]
		TYVSV-[CL:VS-B4:To:2012]
		TYVSV-[CL:VS-G9:To:2012]
		TYVSV-[BR:Pda12:05]
		TYVSV-[BR:Pda13:05]
		KC706629
		KC706630

<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes14:2005]	TYVSV-[BR:Pda14:05]	KC706631
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes17:2005]	TYVSV-[BR:Pda17:05]	KC706632
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes2:2005]	TYVSV-[BR:Pda2:05]	KC706633
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes21:2005]	TYVSV-[BR:Pda21:05]	KC706634
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes22:2005]	TYVSV-[BR:Pda22:05]	KC706635
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes23:2005]	TYVSV-[BR:Pda23:05]	KC706636
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes24:2005]	TYVSV-[BR:Pda24:05]	KC706637
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes26:2005]	TYVSV-[BR:Pda26:05]	KC706638
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes28:2005]	TYVSV-[BR:Pda28:05]	KC706639
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes29:2005]	TYVSV-[BR:Pda29:05]	KC706640
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes3:2005]	TYVSV-[BR:Pda3:05]	KC706641
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes30:2005]	TYVSV-[BR:Pda30:05]	KC706642
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes33:2005]	TYVSV-[BR:Pda33:05]	KC706643
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes35:2005]	TYVSV-[BR:Pda35:05]	KC706644
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes38:2005]	TYVSV-[BR:Pda38:05]	KC706645
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes41:2005]	TYVSV-[BR:Pda41:05]	KC706646
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes45:2005]	TYVSV-[BR:Pda45:05]	KC706647
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes46:2005]	TYVSV-[BR:Pda46:05]	KC706648
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes49:2005]	TYVSV-[BR:Pda49:05]	KC706649
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes50:2005]	TYVSV-[BR:Pda50:05]	KC706650
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes52:2005]	TYVSV-[BR:Pda52:05]	KC706651
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes54:2005]	TYVSV-[BR:Pda54:05]	KC706652
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes6:2005]	TYVSV-[BR:Pda6:05]	KC706653
<i>Tomato yellow vein streak virus</i>	Tomato yellow vein streak virus - [Brazil:Paty do Alferes7:2005]	TYVSV-[BR:Pda7:05]	KC706654
<b>Velvet bean severe mosaic virus</b>	<b>Velvet bean severe mosaic virus - [India:Lucknow:2008]</b>	VBSMV-[IN:Luc:08]	FN543425 FN543426
<b>Vernonia yellow vein Fujian virus</b>	<b>Vernonia yellow vein Fujian virus - [China:Fujian:2009]</b>	VeYVFV-[CN:Fj:09]	JF265670
<b>Vernonia yellow vein virus</b>	<b>Vernonia yellow vein virus - [India:Madurai:2005]</b>	VeYVV-[IN:Mad:05]	AM182232
<b>Vigna yellow mosaic virus</b>	<b>Vigna yellow mosaic virus - [Mexico:Morelos:Yautepec:2007]</b>	ViYMV-[MX:Mor:Yau:07]	KC430936
<i>Watermelon chlorotic stunt virus</i>	Watermelon chlorotic stunt virus - [Yemen]	WmCSV-[YE]	AJ012081
<i>Watermelon chlorotic stunt virus</i>	Watermelon chlorotic stunt virus - [Sudan]	WmCSV-[SD]	AJ245650 AJ245651
<b>Watermelon chlorotic stunt virus</b>	<b>Watermelon chlorotic stunt virus - [Iran:1997]</b>	WmCSV-[IR:97]	AJ245652 AJ245653
<i>Watermelon chlorotic stunt virus</i>	Watermelon chlorotic stunt virus - [Israel:2006]	WmCSV-[IL:06]	EF201809 EF201810
<i>Watermelon chlorotic stunt virus</i>	Watermelon chlorotic stunt virus - [Jordan:2007]	WmCSV-[JR:07]	EU561237 EU561236
<i>Watermelon chlorotic stunt virus</i>	Watermelon chlorotic stunt virus - [Lebanon:2009]	WmCSV-[LB:09]	HM368371 HM368372
<i>Watermelon chlorotic stunt virus</i>	Watermelon chlorotic stunt virus - [Oman:Squash:Als-1:2011]	WmCSV-[OM:Sq:Als-1:11]	JN618981
<i>Watermelon chlorotic stunt virus</i>	Watermelon chlorotic stunt virus - [Oman:Squash:Als-2:2011]	WmCSV-[OM:Sq:Als-2:11]	JN618982
<i>Watermelon chlorotic stunt virus</i>	Watermelon chlorotic stunt virus - [Oman:Squash:Als-3:2011]	WmCSV-[OM:Sq:Als-3:11]	JN618983
<i>Watermelon chlorotic stunt virus</i>	Watermelon chlorotic stunt virus - [Oman:Squash:Als-4:2011]	WmCSV-[OM:Sq:Als-4:11]	JN618984
<i>Watermelon chlorotic stunt virus</i>	Watermelon chlorotic stunt virus - [Oman:Squash:Als-5:2011]	WmCSV-[OM:Sq:Als-5:11]	JN624386
<i>Watermelon chlorotic stunt virus</i>	Watermelon chlorotic stunt virus - [Jordan:Sinapis arvensis:2011]	WmCSV-[JO:Jar:11]	JX131283
<i>Watermelon chlorotic stunt virus</i>	Watermelon chlorotic stunt virus - [Palestine:PAL:2010]	WmCSV-[PS:PAL:10]	KC462552
<b>West African Asystasia virus 1</b>	<b>West African Asystasia virus 1 - [West Africa:Asystasia1:2011]</b>	WAAV1-[WA:Asy1:11]	JF694486
<b>West African Asystasia virus 2</b>	<b>West African Asystasia virus 2 - [West Africa:Asystasia2:2011]</b>	WAAV2-[WA:Asy2:11]	JF694484
<b>Wissadula golden mosaic virus</b>	<b>Wissadula golden mosaic virus - [Jamaica:St Thomas:2005]</b>	WGMV-[JM:StT:05]	DQ395343 EU158095
<i>Wissadula golden mosaic virus</i>	Wissadula golden mosaic virus - [Jamaica:Albion:2008]	WGMV-[JM:Alb:08]	GQ355488 GQ355487