

Molecular evidence of an isolate of mungbean yellow mosaic India virus with a recombinant DNA B component occurring on mungbean from mid-hills of Meghalaya, India

VirusDisease

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Supplementary Table 1 Reference DNA A sequences of MYMIV, MYMV, HgYMV and DoYMV used for comparison with Mg-mungbean-1

Sl. No.	Isolate	Accession No.	Reference
1.	MYMIV:India:SoybeanTN	AJ416349	Girish and Usha (2005)
2.	MYMIV:India:Palampur	FN794200	Kumar <i>et al.</i> (2011)
3.	MYMIV:India:cloneCA4	KC911719	Kanakala <i>et al.</i> (2013) unpublished
4.	MYMIV:India:cloneCA3	KC911720	Kanakala <i>et al.</i> (2013) unpublished
5.	MYMIV:India	DQ389153	Rouhibakhsh <i>et al.</i> (2008)
6.	MYMIV:India:MJS1	KR052025	Jaidi <i>et al.</i> (2015) unpublished
7.	MYMIV:India	EU523045	Yadav <i>et al.</i> (2009)
8.	MYMIV:India	KC852204	Ramesh <i>et al.</i> (2013) unpublished
9.	Legume yellow mosaic virus:Pakistan:14	AJ512495	Hameed and Robinson (2004)
10.	Legume yellow mosaic virus:Pakistan:130/12	AJ512497	Hameed and Robinson (2004)
11.	MYMIV:Pakistan:cloneMI2	FM208846	Ilyas <i>et al.</i> (2010)
12.	MYMIV:Pakistan:cloneMI9	FM208842	Ilyas <i>et al.</i> (2010)
13.	MYMIV:Pakistan:cloneMI7	FM208843	Ilyas <i>et al.</i> (2010)
14.	MYMIV:Pakistan:cloneMI12	FM208844	Ilyas <i>et al.</i> (2010)
15.	MYMIV:Pakistan:cloneMI13	FM208845	Ilyas <i>et al.</i> (2010)
16.	MYMIV:Pakistan:cloneMI15	AM950268	Ilyas <i>et al.</i> (2010)
17.	MYMIV:Pakistan:Mungbean	AY269992	Tsai <i>et al.</i> (2004) unpublished
18.	MYMIV:India:Akola	AY271893	Tsai and Green (2004) unpublished
19.	MYMIV:Pakistan	AM992618	Ilyas <i>et al.</i> (2010)
20.	MYMIV:India	DQ400847	Rouhibakhsh <i>et al.</i> (2008)
21.	MYMIV:Pakistan:cloneMI72	FM955599	Ilyas <i>et al.</i> (2010)
22.	MYMIV:Pakistan:cloneMI76	FM955600	Ilyas <i>et al.</i> (2010)
23.	MYMIV:Pakistan:cloneA1	FM208833	Ilyas <i>et al.</i> (2010)
24.	MYMIV:Pakistan:cloneA1E	FM208834	Ilyas <i>et al.</i> (2010)

25.	Legume yellow mosaic virus: Pakistan:106	AJ512498	Hameed and Robinson (2004)
26.	MYMIV:Nepal	AY271895	Tsai and Green (2004) unpublished
27.	MYMIV:Pakistan:Cowpea	AY269990	Tsai <i>et al.</i> (2004) unpublished
28.	MYMIV:Pakistan:cloneA2	FM208835	Ilyas <i>et al.</i> (2010)
29.	MYMIV:Pakistan:cloneA6G	FM208838	Ilyas <i>et al.</i> (2010)
30.	MYMIV:Pakistan:cloneA14	FM208839	Ilyas <i>et al.</i> (2010)
31.	MYMIV:India	DQ389154	Rouhibakhsh <i>et al.</i> (2008)
32.	MYMIV:Pakistan:cloneA6	FM208837	Ilyas <i>et al.</i> (2010)
33.	MYMIV:Pakistan:cloneA17	FM208840	Ilyas <i>et al.</i> (2010)
34.	MYMIV:Pakistan:cloneA20	FM208841	Ilyas <i>et al.</i> (2010)
35.	MYMIV:Pakistan:cloneMV11	FR837935	Muhammad and Haider (2011) unpublished
36.	MYMIV:Pakistan:CloneMI75	FM955598	Ilyas <i>et al.</i> (2010)
37.	MYMIV:Pakistan:cloneA4	FM208836	Ilyas <i>et al.</i> (2010)
38.	MYMIV:India:Varanasi:Dolichos	AY547317	Singh <i>et al.</i> (2006)
39.	MYMIV:Nepal:clone13P	JN543395	Shahid <i>et al.</i> (2012) unpublished
40.	MYMIV:Nepal:cloneMA2	JQ327845	Shahid and Natsuaki (2015) unpublished
41.	MYMIV:Nepal:cloneMA3	JQ327846	Shahid and Natsuaki (2015) unpublished
42.	MYMIV:India:Varanasi:Frenchbean	KC019303	Bhatt <i>et al.</i> (2013) unpublished
43.	MYMIV:India:Varanasi:Frenchbean	KC019304	Bhatt <i>et al.</i> (2013) unpublished
44.	MYMIV:India:Bangladesh	AF314145	Tsai <i>et al.</i> (2003) unpublished
45.	Cowpea golden mosaic virus:India	AY618902	Chakraborty <i>et al.</i> (2004) unpublished
46.	MYMIV:India:MBK-A25	AY937195	John <i>et al.</i> (2008)
47.	MYMIV:Indonesia:Bogor	JN368432	Tsai <i>et al.</i> (2012) unpublished
48.	MYMIV:Indonesia:Purwakarta1	JN368433	Tsai <i>et al.</i> (2012) unpublished
49.	MYMIV:Indonesia:Purwakarta2	JN368434	Tsai <i>et al.</i> (2012) unpublished
50.	MYMIV:Indonesia:Brebes4	JN368439	Tsai <i>et al.</i> (2012) unpublished
51.	MYMIV:Indonesia:Brebes2	JN368436	Tsai <i>et al.</i> (2012) unpublished
52.	MYMIV::Indonesia:Brebes1	JN368435	Tsai <i>et al.</i> (2012) unpublished
53.	MYMIV:Indonesia:Brebes3	JN368438	Tsai <i>et al.</i> (2012) unpublished
54.	MYMIV:Indonesia:Rembang	JN368437	Tsai <i>et al.</i> (2012) unpublished
55.	MYMIV:India:Bengal	HF922628	Adhikary <i>et al.</i> (2014) unpublished
56.	MYMIV:India:clonePPst1	KP313758	Lovejot <i>et al.</i> (2015) unpublished
57.	MYMV:India:VignaMaharashtra	AF314530	Tsai <i>et al.</i> (2003) unpublished
58.	MYMV:India:SoybeanMadurai	AJ421642	Girish and Usha (2005)
59.	MYMV:India	DQ400848	Rouhibakhsh <i>et al.</i> (2008)

60.	MYMV:India:cloneCA1	KC911721	Kanakala <i>et al.</i> (2013) unpublished
61.	MYMV:India:Urdbean:cloneMF2	JQ398669	Roy <i>et al.</i> (2012) unpublished
62.	HgYMV:India	AM932427	Maruthi (2009)
63.	DoYMV:India	AY309241	Surendranath <i>et al.</i> (2003) unpublished
64.	ToLCNDV:India:New Delhi	U15015	Padidam <i>et al.</i> (1995)
