

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 2 Reference DNA B sequences of MYMIV, MYMV, HgYMV and DoYMV used for comparison with Mg-mungbean-1

Sl. No.	Isolate	Accession No.	Reference
1.	MYMIV:India:SoybeanTN	AJ420331	Girish and Usha (2005)
2.	MYMIV:India:Akola	AY271894	Tsai and Green (2004) unpublished
3.	MYMIV:Pakistan	AM992617	Ilyas <i>et al.</i> (2010)
4.	MYMIV :Pakistan:cloneMI5	FM202442	Ilyas <i>et al.</i> (2010)
5.	MYMIV:Pakistan:cloneMI10	FM955609	Ilyas <i>et al.</i> (2010)
6.	MYMIV:Pakistan:cloneMI6	FM202443	Ilyas <i>et al.</i> (2010)
7.	MYMIV:Pakistan:cloneMI20	FM202447	Ilyas <i>et al.</i> (2010)
8.	MYMIV:Pakistan:cloneMI3	FM202441	Ilyas <i>et al.</i> (2010)
9.	MYMIV:India:Palampur	FR714861	Kumar <i>et al.</i> (2010) unpublished
10.	MYMIV:Pakistan:cloneMI8	FM202444	Ilyas <i>et al.</i> (2010)
11.	MYMIV:Pakistan:cloneMI17	FM161881	Ilyas <i>et al.</i> (2010)
12.	MYMIV:Pakistan:cloneMI16	FM202445	Ilyas <i>et al.</i> (2010)
13.	MYMIV:Pakistan:cloneMI71	FM955603	Ilyas <i>et al.</i> (2010)
14.	MYMIV:Pakistan:cloneMI73	FM955604	Ilyas <i>et al.</i> (2010)
15.	MYMIV:Pakistan:cloneMI77	FM955605	Ilyas <i>et al.</i> (2010)
16.	MYMIV:India	AF142440	Pant <i>et al.</i> (2001)
17.	MYMIV:India:Mungbean	AF416741	Surendranath <i>et al.</i> (2003) unpublished
18.	MYMIV:India	EU523046	Yadav <i>et al.</i> (2009)
19.	MYMIV:India:DSR-YMV	KP828155	Ramesh <i>et al.</i> (2015) unpublished
20.	MYMIV:India:Varanasi	DQ061273	Singh <i>et al.</i> (2006)
21.	MYMIV:Pakistan:cloneMI74	FM955606	Ilyas <i>et al.</i> (2010)
22.	MYMIV:Pakistan:cloneMI30	FM958506	Ilyas <i>et al.</i> (2010)
23.	MYMIV:Pakistan:cloneB4	FM202439	Ilyas <i>et al.</i> (2010)
24.	MYMIV:Pakistan:cloneB13	FM202440	Ilyas <i>et al.</i> (2010)
25.	MYMIV:Nepal:cloneS31	JN543396	Shahid <i>et al.</i> (2012) unpublished
26.	MYMIV:Nepal:cloneRA46	JQ327849	Shahid and Natsuaki (2015) unpublished

27.	MYMIV:India:Soybean	AY049771	Usharani and Malathi (2006) unpublished
28.	MYMIV:India:Varanasi	KC019305	Bhatt <i>et al.</i> (2013) unpublished
29.	MYMIV:India	AY939925	Rouhibakhsh and Malathi (2006) unpublished
30.	MYMIV:India:cloneMBB-B31*	AY937196	John <i>et al.</i> (2008)
31.	MYMIV:Indonesia:Bogor*	JN368440	Tsai <i>et al.</i> (2012) unpublished
32.	MYMIV:Indonesia:Purwakarta1*	JN368441	Tsai <i>et al.</i> (2012) unpublished
33.	MYMIV:Indonesia:Purwakarta2*	JN368442	Tsai <i>et al.</i> (2012) unpublished
34.	MYMIV:Indonesia:Brebes3*	JN368446	Tsai <i>et al.</i> (2012) unpublished
35.	MYMIV:Indonesia:Brebes4*	JN368447	Tsai <i>et al.</i> (2012) unpublished
36.	MYMIV:Indonesia:Brebes1*	JN368443	Tsai <i>et al.</i> (2012) unpublished
37.	MYMIV:Indonesia:Brebes2*	JN368444	Tsai <i>et al.</i> (2012) unpublished
38.	MYMIV:Indonesia:Rembang*	JN368445	Tsai <i>et al.</i> (2012) unpublished
39.	MYMV:India:LBG623	KF928962	Reddy <i>et al.</i> (2014) unpublished
40.	MYMV:India:LjKu02	KP319017	Lovejot <i>et al.</i> (2015) unpublished
41.	MYMV:India:LjKu01	KP319016	Lovejot <i>et al.</i> (2015) unpublished
42.	MYMV:India:LBG623-EcoRI	KF947526	Reddy <i>et al.</i> (2014) unpublished
43.	MYMV:India:Vigna*	AJ132574	Karthikeyan <i>et al.</i> (2004)
44.	MYMV:India:VignaKA34*	AJ439057	Karthikeyan <i>et al.</i> (2004)
45.	MYMV:India:sequence*	DQ400849	Rouhibakhsh <i>et al.</i> (2008)
46.	MYMV:India:cloneVB4*	KC911725	Satya <i>et al.</i> (2013) unpublished
47.	MYMV:India:clonePB1*	KC911731	Satya <i>et al.</i> (2013) unpublished
48.	MYMV:India:cloneCB1*	KC911724	Kanakala <i>et al.</i> (2013) unpublished
49.	MYMV:India: Namakkal*	DQ865202	Rajeswaran and Veluthambi (2006) unpublished
50.	MYMV:India: cloneCB2*	KC911730	Satya <i>et al.</i> (2013) unpublished
51.	MYMV:India:cloneVB3*	KC911726	Satya <i>et al.</i> (2013) unpublished
52.	MYMV:India:cloneVB2*	KC911727	Satya <i>et al.</i> (2013) unpublished
53.	MYMV:India:cloneVB1*	KC911728	Satya <i>et al.</i> (2013) unpublished
54.	MYMV:India:VignaKA28*	AJ439058	Karthikeyan <i>et al.</i> (2004)
55.	MYMV:India:VignaKA21*	AJ439059	Karthikeyan <i>et al.</i> (2004)
56.	MYMV:India:cloneCB3*	KC911729	Satya <i>et al.</i> (2013) unpublished
57.	HgYMV:Indi:lima bean	AM932430	Maruthi (2009) unpublished
58.	DoYMV:India:DC	KJ481206	Akram <i>et al.</i> (2014) unpublished
59.	ToLCNDV: India:New Delhi	U15017	Padidam <i>et al.</i> (1995)

*Isolates used for recombination analysis