

Supplementary Table 1. Names, regions, hosts, and GenBank accession numbers of the PaLCuCNV isolates used in this study

Name	Accession no.	Host	Region
Pa04	MW689924	Tomato	China: Guangxi
Pa03	MW689923	Tomato	China: Guangxi
Pa02	MW689922	Tomato	China: Guangxi
Pa01	MW689921	Tomato	China: Guangxi
BS10	KU892676	Tomato	China: Guangxi
BS9	KU892675	Tomato	China: Guangxi
BS8	KU892663	Tomato	China: Guangxi
BS7	KU892662	Tomato	China: Guangxi
BS6	KU892661	Tomato	China: Guangxi
BS5	KU892660	Tomato	China: Guangxi
BS4	KU892659	Tomato	China: Guangxi
BS2	KU892658	Tomato	China: Guangxi
BS1	KU892657	Tomato	China: Guangxi
QZ1	KU892672	Tomato	China: Guangxi
QZ2	KU892673	Tomato	China: Guangxi
QZ3	KU892674	Tomato	China: Guangxi
NN1	KU892667	Tomato	China: Guangxi
NN2	KU892668	Tomato	China: Guangxi
NN4	KU892669	Tomato	China: Guangxi
NN5	KU892670	Tomato	China: Guangxi
NN6	KU892671	Tomato	China: Guangxi
LZ1	KU892665	Tomato	China: Guangxi
LZ2	KU892666	Tomato	China: Guangxi
GX4	FN297834	Tomato	China: Guangxi
GX04	MW735452	Tomato	China: Guangxi
GX01	MW779523	Tomato	China: Guangxi
DX2	KU892664	Tomato	China: Guangxi
GXHZ	KP195721	Tomato	China: Guangxi
YL1	KU892677	Tomato	China: Guangxi
AY02	MW678597	Tomato	China: Guangxi
G22	AJ704604	Tomato	China: Guangxi
GX9	KJ016238	<i>Ageratum conyzoides</i>	China: Guangxi
YS02	KJ016234	<i>Ageratum conyzoides</i>	China: Guangxi
G8	AJ558124	<i>Ageratum conyzoides</i>	China: Guangxi
G10	AJ558125	<i>Ageratum conyzoides</i>	China: Guangxi
G12	AJ558116	<i>Lycopersicon esculentum</i>	China: Guangxi
G30	AJ558117	<i>Lycopersicon esculentum</i>	China: Guangxi
G2	AJ558123	<i>Carica papaya</i>	China: Guangxi
G4	AJ811914	<i>Carica papaya</i>	China: Guangxi
Ageratum	JX294075	<i>Ageratum conyzoides</i>	China: Guangxi
GX2015	KX273343	<i>Acalypha australis</i>	China: Guangxi
G43	AJ876548	<i>Corchoropsis timentosa</i>	China: Guangxi

(Continued)

Supplementary Table 1. Continued

Name	Accession no.	Host	Region
Tobacco	KX273342	Tobacco	China: Guangxi
BS66-2	OQ383309	<i>Capsicum annuum</i>	China: Guangxi
G111	HG003651	<i>Ageratum conyzoides</i>	China: Guangxi
GX89	JX128102	<i>Lycopersicon esculentum</i>	China: Guangxi
GX88	JX128101	<i>Lycopersicon esculentum</i>	China: Guangxi
CQ-3	OL310479	<i>Phaseolus vulgaris</i>	China: Chongqing
CQ-2	OL310478	<i>Phaseolus vulgaris</i>	China: Chongqing
CQ-1	OL310477	<i>Phaseolus vulgaris</i>	China: Chongqing
FQ1	AM691554	Tomato	China: Fujian
LC1-2	AM691553	<i>Eclipta prostrata</i>	China: Fujian
F25	AM691552	<i>Eclipta prostrata</i>	China: Fujian
Fz10	JF682837	<i>Siegesbeckia orientalis</i>	China: Fujian
JX01	KP685599	<i>Ageratum conyzoides</i>	China: Jiangxi
GNPF	MN092343	passion fruit	China: Jiangxi
C379	KF373768	Tobacco	China: Sichuan
JiaoZuo	JX555979	Tomato	China: Henan
HeNZM1	FN256260	Tomato	China: Henan
JZ2	KR732670	Tomato	China: Henan
HMTY	KR732669	Tomato	China: Henan
HNZM5	KR732668	Tomato	China: Henan
HNZM3	KR732667	Tomato	China: Henan
HNZM4	KR732666	Tomato	China: Henan
HNZM2	KR732665	Tomato	China: Henan
HNZM1	KR706485	Tomato	China: Henan
ZM1	EU874386	Tomato	China: Henan
Hanoi 112	GQ373254	Tomato	Vietnam
*	DQ641700	Tobacco	Vietnam
Vietnam14	KC878474	<i>Ageratum conyzoides</i>	Vietnam
BN3★	MF417765	<i>Ageratum conyzoides</i>	China: Yunnan
GD5★	MF417764	<i>Ageratum conyzoides</i>	China:Guangdong
GX128★	MF417766	<i>Ageratum conyzoides</i>	China: Guangxi

PaLCuCNV, papaya leaf curl China virus.

★ indicates the isolates obtained in this study.