
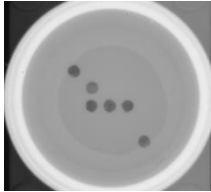

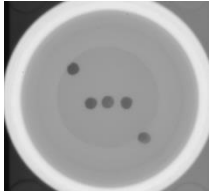





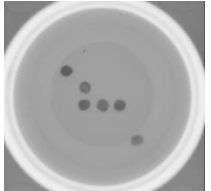

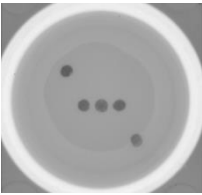
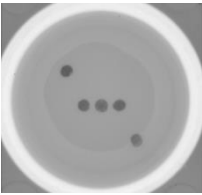

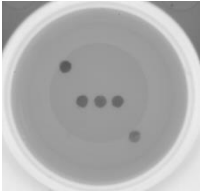
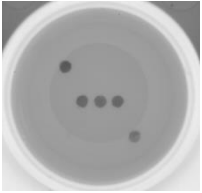

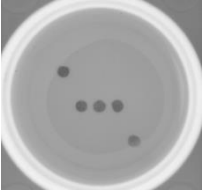
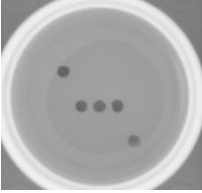

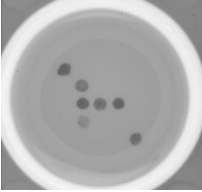
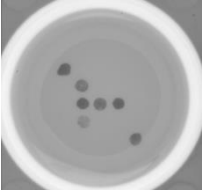






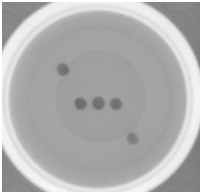



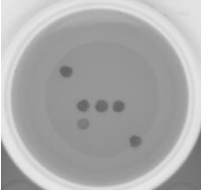

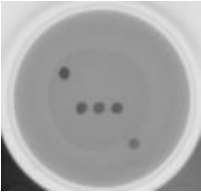

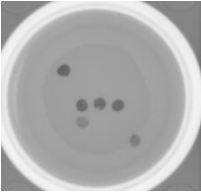

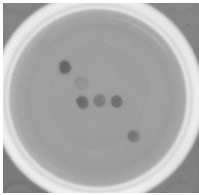





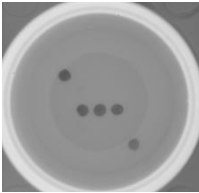


**Table S1.** Results of gene chip detection


Number	Plant sources	Place of collection	Symptoms	Gene chip detection results		
				Picture of detection results	Detection virus	Detection results
1	<i>Dendrobium</i> '135'	Yunnan			CymMV  ORSV	(+)  (-)
2	<i>Oncidium</i> 'OB-2'	Yunnan			CymMV  ORSV	(-)  (-)
3	<i>Zygopetulum</i> 'Zygopetalums'	Fujian			CymMV  ORSV	(-)  (-)
4	<i>Zygopetulum</i> 'Zygopetalums'	Fujian			CymMV  ORSV	(+)  (-)
5	<i>Zygopetulum</i> 'Zygopetalums'	Yunnan			CymMV  ORSV	(+)  (-)

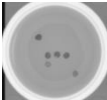
6	<i>Oncidium</i> 'Sweet Sugar'	Guangxi			CymMV	(-)
					ORSV	(-)
7	<i>Oncidium</i> 'MXL'	Guangxi			CymMV	(-)
					ORSV	(-)
8	<i>Phalaenopsis</i> 'amabilis'	Yunnan			CymMV	(-)
					ORSV	(-)
9	<i>Phalaenopsis</i> 'Ruyi'	Yunnan			CymMV	(+)
					ORSV	(+)
10	<i>Phalaenopsis</i> 'Ruyi'	Yunnan			CymMV	(+)
					ORSV	(+)
11	<i>Phalaenopsis</i> 'innsbruck'	Guangxi			CymMV	(-)


				ORSV	(-)
12	<i>Phalaenopsis</i> 'Juguangdeng'			CymMV	(-)
				ORSV	(-)
13	<i>Phalaenopsis</i> 'Jinju'			CymMV	(-)
				ORSV	(-)
14	<i>Phalaenopsis</i> 'Formosa Sunrise'			CymMV	(-)
				ORSV	(+)
15	<i>Phalaenopsis</i> 'Chocolate'			CymMV	(-)
				ORSV	(-)
16	<i>Phalaenopsis</i> 'Big chili'			CymMV	(-)
				ORSV	(+)

17	<i>Zygopetulum</i> 'Zygopetalums'	Guangdong			CymMV (+)	ORSV (-)
18	<i>Dendrobium</i> '135'	Guangdong			CymMV (+)	ORSV (-)
19	<i>Zygopetulum</i> 'Zygopetalums'	Guangdong			CymMV (+)	ORSV (-)
20	<i>Phalaenopsis</i> 'Feilala'	Guangdong			CymMV (-)	ORSV (-)

Note :The test results of the gene chip are read as follows:

Negative sample: 

Samples carrying ORSV: 

Samples carrying CymMV: 

Samples carrying CymMV+ORSV: 