

Appendix A mtDNA COI sequences of mealybug species used for the *Phenacoccus manihoti*-specific primers design.

No.	Species	Database	Accessions
1	<i>Phenacoccus manihoti</i> Matile-Ferrero	GenBank	KY611346-KY611349 (present study), KP692622
2	<i>Phenacoccus aceris</i> (Signoret)	GenBank	HM474260
3	<i>Phenacoccus avenae</i> Borchsenius	GenBank	HM474263
4	<i>Phenacoccus azaleae</i> Kuwana	GenBank	KP692610, KP692614, KP692612
5	<i>Phenacoccus baccharidis</i> Williams	GenBank	KY373057, KY372898
6	<i>Phenacoccus madeirensis</i> Green	GenBank	KY192523, KP692620, KY372827, JQ085561
		DIASC	MDMFJNR.2012.515000.5.1
7	<i>Phenacoccus nr. aceris</i> Signoret	GenBank	KP692603, KP692605, KP692607
8	<i>Phenacoccus parvus</i> Morrison	GenBank	KP692626
9	<i>Phenacoccus peruvianus</i> Granara de Willink	GenBank	KY373068
10	<i>Phenacoccus saccharifolii</i> (Green)	GenBank	KP692627
11	<i>Phenacoccus solani</i> Ferris	GenBank	GU936937, KY372908, KU296033, KY372593, KP981073, JF714205
		DIASC	SSMFJ.2014.100193.5.1
12	<i>Phenacoccus solenopsis</i> Tinsley	GenBank	KP981099, KY372415, AB858432
		DIASC	FSMFJ.2012.570000.5.1
13	<i>Dysmicoccus brevipes</i> (Cockerell)	GenBank	HM474141, JN128962
		DIASC	BLFJ.2010.524000.5.1
14	<i>Dysmicoccus neobrevipes</i> Beardsley	GenBank	HM474154
		DIASC	XBLHFJ.2012.570000.5.1
15	<i>Ferrisia gilli</i> Gullan	DIASC	GILLI.2012.999039.5.1
16	<i>Ferrisia virgata</i> (Cockerell)	GenBank	JQ085554, KM035853
		DIASC	STFFJ.2012.572500.5.7
17	<i>Maconellicoccus hirsutus</i> (Green)	GenBank	HM474232, JQ085556
		DIASC	MJMFJ.2012.530000.5.1
18	<i>Nipaecoccus viridis</i> (Newstead)	DIASC	JLFJ.2012.570000.5.1
19	<i>Paracoccus marginatus</i> Williams & Granara de Willink	GenBank	HM474238
		DIASC	MGXFJ.2015.570000.5.1
20	<i>Planococcus citri</i> (Risso)	GenBank	GU168801, GU936938
		DIASC	GJTWfJ.2015.065000.5.4
21	<i>Planococcus kraunhiae</i> (Kuwana)	GenBank	GU013650, KP981071
		DIASC	RBTWFJ.2012.666100.5.1
22	<i>Planococcus lilacinus</i> (Cockerell)	GenBank	HM474304, HM474305
		DIASC	NYTWfJ.2012.570000N.5.1
23	<i>Planococcus minor</i> (Maskell)	GenBank	GU134708, HM474311
		DIASC	DYTWfJ.2015.999002.5.5
24	<i>Pseudococcus baliteus</i> Lit	GenBank	KU056833
		DIASC	RSFJ.2011.570000.5.1
25	<i>Pseudococcus comstocki</i> Kuwana	GenBank	GU013653, HM474352

		DIASC	KSFJ.2012.050000.5.1
26	<i>Pseudococcus cryptus</i> Hempel	GenBank	HM474369
		DIASC	JXFJ.2011.363000.5.1
27	<i>Pseudococcus jackbeardsleyi</i> (Gimpel & Miller)	GenBank	KC119455, KP981087
		DIASC	JKBESFJ.2015.999100.5.1
28	<i>Pseudococcus</i> sp.	DIASC	KSFJNR.2011.363000.5.1
29	<i>Pseudococcus viburni</i> (Signoret)	GenBank	JF714210
		DIASC	ASFJ.2011.550000.5.1
30	<i>Saccharicoccus sacchari</i> (Cockerell)	GenBank	JQ085559
		DIASC	ZJHFJ.2011.570000.5.1

DIASC: The sequences from Database of Invasive Alien Species in China (<http://www.chinaias.cn>).