

Supplemental Table 4. Amplified fragment size data of EST-SSRs in 14 *Camellia* species

Marker name	subgenus <i>Thea</i>		subgenus <i>Camellia</i>				
	<i>C. irrawadiensis</i>	<i>C. taliensis</i>	<i>C. japonica</i>	<i>C. pitardi</i>	<i>C. hongkongensis</i>	<i>C. chekiangoleosa</i>	<i>C. saluenensis</i>
MSE0019	109/136/140	112/125/129	131/151/169	114/145/156	140/145	112/149/158/163	-
MSE0021	-	269	278/282	278	-	-	265/278
MSE0022	175/189	189	180/186	186/192/198	176/194	186	184/211
MSE0023	197	197/201	196/204	184/197/200/212/227	179	-	200
MSE0024	257	259	265/276	245/259/263/270/274	268/282	257/259	256/266
MSE0025	291/295	280/287/291	272/280/288/295	270/295	285	285/293	293
MSE0026	294	289	272/285	287/293	297/317	285/287	297
MSE0027	107/109	109	-	121	110	-	-
MSE0029	382/384	377	-	364	384/390	373/380	377
MSE0030	250/255	255	259	239/248/257/261	248/255	247/252/263	252/266
MSE0035	233/237	235	246/254	218/220/231	215	222/233	218/237
MSE0037	189/214	174/184/227/239	172/185/221/232	214/228/247	186/197	214/231	164/231/237
MSE0038	297	297	304/322	301/314	310	-	303
MSE0039	140/144	144	150	148	144	144	148
MSE0040	151/160	147/151	138/149	142/153/157/161	138/165	160/161	142/147
MSE0042	101/105	103	116	101/105/108/110/112	112/114	103/107/114	105
MSE0043	189	174/184	172/185	-	186/197	192/203	164/176
MSE0044	134	132	111	-	138	127/130	-
MSE0045	229	229	226/241	208/210/225	229/235	223	234/235
MSE0047	275	278/282	262/264	259/273	264	275/288	268/273
MSE0049	225/230	228/232	220/222	202	210/238	211/220	202
MSE0050	273/276	268/277	267/270	261/263/268	255/259	258/282	267/272
MSE0051	186	199	201/203	186/189/191	174/176	207	188/190
MSE0052	263	261/263	263/270	261	261/263	261/266	261
MSE0053	253	-	255/257	248/251/254	251/254	253/261	263
MSE0054	180/181/187/189/194	180/187/189	185/191/194/197	181/185/189/193	180/194/201	193/197/201	191/197/199
MSE0055	258	258	258/262	258	256/260	237/258	260
MSE0056	233	223	225/233	225/227/231	220	215	220/230
MSE0058	225/266/279/284	210	258/264/268	263/264	267/298	284	262
MSE0059	200	196/212	212/235	204/211/213/219	217	218/221	210/223
MSE0061	139	141/147	158	137/146	149/166	155	146
MSE0062	131	131/133	119	119	129/139	119/121	118
MSE0063	238/251	236/245	233	234	230/237/251	245	233/241
MSE0066	250	250	-	250	250	-	-
MSE0067	147/152	147/152	-	-	-	-	-
MSE0068	264	269	258/259	251/253/258/263	246/253	242	259/261
MSE0069	200/217	198/211	197	211/218	214	209/211	211/213
MSE0070	134	141	-	138	125	135	125/129/151
MSE0071	126/132	114/118	128/130	113/118/120/130	128	113	107/114/128

Supplemental Table 4. continued.

Marker name	subgenus <i>Thea</i>		subgenus <i>Camellia</i>				
	<i>C. irrawadiensis</i>	<i>C. taliensis</i>	<i>C. japonica</i>	<i>C. pitardi</i>	<i>C. hongkongensis</i>	<i>C. chekiangoleosa</i>	<i>C. saluenensis</i>
MSE0072	298/320	296/300	314/319	295/308	279/294	301	304
MSE0074	212/218	210	204	204/206/210	206	204	206
MSE0075	166/175	175/182	152/164/166	166/171/177	166/185	156	166
MSE0076	247	247	247	247/249	247/249	247	245/247
MSE0077	154	128	117/128	123/132/135/136/147	119	136/151	138
MSE0078	144/150	148/166	144	139/156	144	141	148
MSE0079	103/105/112	103/111	101/107	95/97	105	103/105	95/97
MSE0080	238/245	238	238	240	238	238	-
MSE0081	118	118/126	-	116/120/126	-	126	116
MSE0082	159/162/165	151/159/166	164	149/162/163	151/163	151/162	150
MSE0083	237	253/256	249/259	242	254/257	240/246	247
MSE0084	398/416	408/410	404	403/404	422	404	404
MSE0087	280/282	279/280	282	278/280	273	282/286	278
MSE0088	189	180	-	-	-	-	-
MSE0089	292/303	292	285	286/288/290	297/305	295/301	290
MSE0094	195	193	184	186	190	184	188
MSE0096	228	241/243	243	231/236/241	248/261	233/235	225/234/239
MSE0098	257/275	266	266	260/263	263	260	263
MSE0099	299/301	301	302/308/314/316	299/302/306/331	306	302/325	299/314/317
MSE0100	254/262	255/258	-	260/264	252/260	-	267
MSE0101	247/263	247/250	263	240	252/255	263	240/250
MSE0102	331	320/326	323	321/327	320/328	321/335	-
MSE0103	174/182	176	190	170	190	-	170
MSE0106	150/165	152/165	171	151	175/179	161/179	163
MSE0107	287/289	311	310/311	313/319/321/325/329	306	306/332	315/327
MSE0108	256	266	249/252	250/252/256	252/257	253/256	255
MSE0109	-	-	117	109	-	-	-
MSE0112	283	283	285	283/285	283	285	283
MSE0113	-	-	-	-	-	-	-
MSE0114	199	202	-	-	-	-	-
MSE0116	179/183	179	178/188	167/171/173/179	168	177/183	167/171
MSE0117	110	108/110	114/117	114	114/116	116	114

Supplemental Table 4. continued.

Marker name	subgenus <i>Camellia</i>				subgenus <i>Metacamellia</i>		subgenus <i>Protocamellia</i>
	<i>C. kissi</i>	<i>C. oleifera</i>	<i>C. sasanqua</i>	<i>C. furfuracea</i>	<i>C. cuspidata</i>	<i>C. salicifolia</i>	<i>C. granthamiana</i>
MSE0019	125/127	129	126/137/161	129/161	136	108/147	124/129/156
MSE0021	-	-	-	278	309	271/278	-
MSE0022	178/186	186/190/194	159/176/182	192	176/196	184/194	157/159/178
MSE0023	195	180/184/192/203	184/186/198/211/219	191/195	192	-	198
MSE0024	265/272	266/273/291	245/269/275/287	261/282	253/255	251	254/260/267
MSE0025	284	287/295/306	281/288	266/284	291	302	275/281/284
MSE0026	289	282/289/296	284/285/292	291	285	282/284	272/276
MSE0027	-	-	-	114	124	-	-
MSE0029	-	-	338	367	388/390	374	368/374/390
MSE0030	255	244/261	241/250/252/255/259	261/274	257	252/257	254/255
MSE0035	227/231/235/239	222/233/235	226/234	212/217	-	229/248	222/227/235
MSE0037	164/231/245	168/218/221/222	218/227	256/262	208/214/228	228	167/169/185/222/227/23
MSE0038	313	306/308/314	307	307/308	303/305	309/324	299
MSE0039	154	151/157	146/152/154/162	156/177	135/136/144/146	154	148
MSE0040	142/147	142/149/151/153/160	153/155/161/168/170	151/153	144/147	140	155/160/164
MSE0042	107/110	107/112	102/112/114	-	-	106/110	101/110
MSE0043	164/191	162/168/172	184/191/194	-	177	194	167/169/184
MSE0044	116/127	127/129/131	121/131	132	-	-	130/138/144
MSE0045	236/242	228/236/240	231/232/235/237/241	218	236	234/238	229/234
MSE0047	280	268/280	264/277/280/285	268/278	253/256	245	284/289
MSE0049	211	211	209/211/215	213/217	211	224/226	228/230/261
MSE0050	256/265	255/263/267	262/267	255/262	272/277	268/271	267
MSE0051	185/191	185/191/199	188/199	184/190	195	191/201	186/192/201
MSE0052	261/264	261	261/263	261	-	261	261
MSE0053	249/264	250/259/264/275	246	251	-	250	270/283
MSE0054	182/193	182/189/194	180/189/191	187/191	191/194/197	194/197/202	189/197/199
MSE0055	244/258	258/260	258/260	258	258	258	258/259
MSE0056	-	235/239	229/235/241/253/256	233	217	229	220
MSE0058	275/281	222/262/273/288/302	260/267/279	230	212	189	213/218
MSE0059	220/223	194/198/212/213	194/196/198/203	211	201	220/228	198/203/210
MSE0061	167	148/162	141/142/147/149/157	-	157/161	142/151	137
MSE0062	123	131	114/118/119/135	135/139	123/131	129	119/121
MSE0063	247/251	230/234/245/253/256/26	233/236/256	230/234/237/241/243	220/230/253/262	234/238/245	234/247/249/251
MSE0066	-	-	-	-	-	-	250
MSE0067	-	158/166	149	-	-	-	-
MSE0068	253/264	249	249/253	257/258	249	264	251/264/266
MSE0069	207	221	212/237	198	-	-	-
MSE0070	125	134/141/146	134	-	142	-	129/135
MSE0071	114/120	117	118	118/120	-	114/117/126/145	118

Supplemental Table 4. continued.

Marker name	subgenus <i>Camellia</i>				subgenus <i>Metacamellia</i>		subgenus <i>Protocamellia</i>
	<i>C. kissi</i>	<i>C. oleifera</i>	<i>C. sasanqua</i>	<i>C. furfuracea</i>	<i>C. cuspidata</i>	<i>C. salicifolia</i>	<i>C. granthamiana</i>
MSE0072	308/312	307/315	313/318	299	294	292	305/316/318
MSE0074	204/206	202/206	204	203	-	204	204/223
MSE0075	173/175	166/175/182	160/175	173/187/199	?/179/187	170/175	174/189
MSE0076	254	247/249	-	247	247	247	247
MSE0077	128	128/138	117/128/132	132/138	128/129	124/134	134/142/145
MSE0078	146	146/150	139/148/160/166/168	158	146/148	141	148/156
MSE0079	99/101	97/111	97/99/101	103	107/116	105/112	95/111
MSE0080	238	227/234/238	238	236/240	227	227	238
MSE0081	-	-	-	104/106	105/108	-	116/128
MSE0082	164/165	154	154/156/164	-	160/161	174/176	162/163/166
MSE0083	240	240/244/247	236/244	256/268	243	249/252	247
MSE0084	403/416	404/409	404/409	414/429	412	412/424	404
MSE0087	275	283	278/286	272/273	273/276	273/278	272/278
MSE0088	-	-	-	-	-	195/196	-
MSE0089	295/305	285/288/295/299/303/30	290/293/295/297/301	294/311	295/307	283/285	288/290/292/307
MSE0094	184	184	184	188	186/188/191	190/191	186/188/227
MSE0096	237/251	229/244/258	229/247	235	222/230/240	234	236/250
MSE0098	260/269	263	254/263/269	263/266	263	257/266	263/266
MSE0099	306/312/323/329	297/307/308/321/325	308/317	306	299	303	299
MSE0100	-	-	-	-	247/250	-	238/245
MSE0101	263	240/263/269	240/263	250	244	240/252	240/247
MSE0102	325	312/315/324/328	300/315/318/346	311	309/345	336/372	-
MSE0103	182/194	184	190/198	182/184	182/196	186/188	174/182/190
MSE0106	152/155	144/151/167/183	152	165	163	149	159/175
MSE0107	317/321	315/319/323	311/315/319/323	308/317	304/317	289/303	308/319/321/323
MSE0108	249/255	251/256	249/251	252	247	253/256	251/252
MSE0109	-	117/125/127	125/127	-	-	-	103
MSE0112	285	285/289	285	283	285	283	285
MSE0113	-	-	-	-	-	-	-
MSE0114	-	-	-	-	-	-	-
MSE0116	174	169/172/173	174/177/185	166	165/175	172	162/172
MSE0117	112	114	106/116/117	114	114	125/131	114