

Table S1. Markers used in fine-mapping *etb1.2*.

Marker	Type	AGP_v2 Position	Polymorphism	Primers (5'-3')
umc2047	SSR	258383492	Small (T); Large (M)	(F) GACAGACATTCCTCGCTACCTGAT (R) CTGCTAGCTACCAAACATTCCGAT
GBS_81	GBS	258383884	SNP	-
GBS_82	GBS	258383890	SNP	-
GBS_83	GBS	258383911	SNP	-
GBS_84	GBS	258386943	SNP	-
GBS_85	GBS	258387379	SNP	-
GBS_86	GBS	258387646	SNP	-
GBS_87	GBS	258397535	SNP	-
GBS_88	GBS	258427527	SNP	-
GBS_89	GBS	258437034	SNP	-
GBS_90	GBS	258437091	SNP	-
GBS_91	GBS	258441125	SNP	-
GBS_92	GBS	258441270	SNP	-
GBS_93	GBS	258442518	SNP	-
GBS_94	GBS	258442582	SNP	-
GBS_95	GBS	258442796	SNP	-
GBS_96	GBS	258447918	SNP	-
GBS_97	GBS	258447921	SNP	-
GBS_98	GBS	258448383	SNP	-
GBS_99	GBS	258448441	SNP	-
GBS_100	GBS	258448583	SNP	-
GBS_101	GBS	258521637	SNP	-
GBS_102	GBS	258551646	SNP	-
GBS_103	GBS	258552796	SNP	-
GBS_104	GBS	258553443	SNP	-
GBS_105	GBS	258651730	SNP	-
GBS_106	GBS	258651762	SNP	-
GBS_107	GBS	258655425	SNP	-
GBS_108	GBS	258655426	SNP	-
GBS_109	GBS	258656283	SNP	-
GBS_110	GBS	258656358	SNP	-
GBS_111	GBS	258656778	SNP	-
GBS_112	GBS	258657130	SNP	-
GBS_113	GBS	258657467	SNP	-
GBS_114	GBS	258657767	SNP	-
GBS_115	GBS	258673732	SNP	-
GBS_116	GBS	258674017	SNP	-

GBS_117	GBS	258681240	SNP	-
GBS_118	GBS	258691831	SNP	-
GBS_119	GBS	258796234	SNP	-
GBS_120	GBS	258796310	SNP	-
LEK025_026	Indel	258799855	321 (T); 326 (M)	(F) GTACCTCCGACGACTCGAAA (R) CATAGAGCTGGTGGGGAGTG
GBS_121	GBS	258800041	SNP	-
GBS_122	GBS	258800198	SNP	-
GBS_123	GBS	258800389	SNP	-
GBS_124	GBS	258803723	SNP	-
GBS_125	GBS	258803752	SNP	-
GBS_126	GBS	258808508	SNP	-
GBS_127	GBS	258875029	SNP	-
GBS_128	GBS	258878686	SNP	-
GBS_129	GBS	258878734	SNP	-
LEK037_038 (SBM01)	SBM	259017755	SNP + Indel	(F) GGCCTAGACACTGCCTTCTG (R) TTGGCTGAATCCTTCTCGTT
GBS_130	GBS	259017915	SNP	-
GBS_131	GBS	259023565	SNP	-
GBS_132	GBS	259023731	SNP	-
GBS_133	GBS	259024225	SNP	-
GBS_134	GBS	259174085	SNP	-
GBS_135	GBS	259174254	SNP	-
GBS_136	GBS	259175533	SNP	-
GBS_137	GBS	259175601	SNP	-
GBS_138	GBS	259175680	SNP	-
GBS_139	GBS	259180657	SNP	-
GBS_140	GBS	259181338	SNP	-
GBS_141	GBS	259210821	SNP	-
GBS_142	GBS	259212357	SNP	-
GBS_143	GBS	259212464	SNP	-
GBS_144	GBS	259214758	SNP	-
GBS_145	GBS	259215322	SNP	-
GBS_146	GBS	259215767	SNP	-
GBS_147	GBS	259217246	SNP	-
GBS_148	GBS	259217414	SNP	-
GBS_149	GBS	259217670	SNP	-
GBS_150	GBS	259217673	SNP	-
GBS_151	GBS	259219693	SNP	-
GBS_152	GBS	259219993	SNP	-
GBS_153	GBS	259220072	SNP	-

GBS_154	GBS	259220966	SNP	-
GBS_155	GBS	259220974	SNP	-
GBS_156	GBS	259221159	SNP	-
GBS_157	GBS	259221612	SNP	-
GBS_158	GBS	259221873	SNP	-
GBS_159	GBS	259222739	SNP	-
GBS_160	GBS	259223303	SNP	-
GBS_161	GBS	259223380	SNP	-
GBS_162	GBS	259223619	SNP	-
GBS_163	GBS	259225324	SNP	-
GBS_164	GBS	259225871	SNP	-
GBS_165	GBS	259235250	SNP	-
GBS_166	GBS	259235364	SNP	-
GBS_167	GBS	259239221	SNP	-
GBS_168	GBS	259272819	SNP	-
GBS_169	GBS	259272837	SNP	-
GBS_170	GBS	259274478	SNP	-
GBS_171	GBS	259301362	SNP	-
GBS_172	GBS	259301727	SNP	-
GBS_173	GBS	259304663	SNP	-
GBS_174	GBS	259304819	SNP	-
umc1298	SSR	259304887	177 (T); 179 (M)	(F) AGGACAAGAAAAAGAAGAAGCACG (R) AGCTGAACAAAATAAACGGAACGA
GBS_175	GBS	259304921	SNP	-
GBS_176	GBS	259304941	SNP	-
GBS_177	GBS	259372795	SNP	-
GBS_178	GBS	259379916	SNP	-
GBS_179	GBS	259407119	SNP	-
GBS_180	GBS	259407231	SNP	-
GBS_181	GBS	259408089	SNP	-
GBS_182	GBS	259532659	SNP	-
GBS_183	GBS	259538298	SNP	-
GBS_184	GBS	259701285	SNP	-
LEK055_056 (SBM02)	SBM	259714872	SNP + Indel	(F) GGCATAGCTCGAGGAACAAC (R) TGTAGAAGGGGATTTGGCTG
GBS_185	GBS	259746774	SNP	-
GBS_186	GBS	259771415	SNP	-
GBS_187	GBS	259772662	SNP	-
GBS_188	GBS	259772740	SNP	-
GBS_189	GBS	259778419	SNP	-
GBS_190	GBS	259816063	SNP	-

GBS_191	GBS	259817618	SNP	-
GBS_192	GBS	259825061	SNP	-
GBS_193	GBS	259930666	SNP	-
GBS_194	GBS	259937100	SNP	-
GBS_195	GBS	259937306	SNP	-
GBS_196	GBS	259937627	SNP	-
GBS_197	GBS	259948037	SNP	-
GBS_198	GBS	259948106	SNP	-
GBS_199	GBS	259949194	SNP	-
GBS_200	GBS	259949290	SNP	-
GBS_201	GBS	260142416	SNP	-
GBS_202	GBS	260143885	SNP	-
GBS_203	GBS	260144220	SNP	-
GBS_204	GBS	260144338	SNP	-
GBS_205	GBS	260150212	SNP	-
GBS_206	GBS	260150230	SNP	-
GBS_207	GBS	260150257	SNP	-
GBS_208	GBS	260150325	SNP	-
GBS_209	GBS	260338377	SNP	-
GBS_210	GBS	260338525	SNP	-
GBS_211	GBS	260339199	SNP	-
LEK067_068	Indel	260366895	130 (M); 138 (T)	(F) GCATCTTGTTCAAATTAGCAGC (R) GTGAGTACTGTTACTAGCTTGTATGC
CJ071_021 (SBM03)	SBM	260383398	SNP + Indel	(F) TCTGGTTATGCGAAAGAAGC (R) TCTGCTGGTTGATGGACTAC
CJ136_118 (SBM04)	SBM	260448142	SNP + Indel	(F) TGTCTTGAGWGGTTCTAGTG (R) AGTTCATTCACCTGTGTTGG
CJ004_005 (SBM05)	SBM	260448854	SNP + Indel	(F) GTTCATTCTATTTCCAGGAC (R) CCAGGCACCTGATGGAATC
GBS_212	GBS	260514553	SNP	-
GBS_213	GBS	260514645	SNP	-
GBS_214	GBS	260517297	SNP	-
GBS_215	GBS	260517356	SNP	-
GBS_216	GBS	260522263	SNP	-
GBS_217	GBS	260621279	SNP	-
GBS_218	GBS	260655699	SNP	-
GBS_219	GBS	260655766	SNP	-
GBS_220	GBS	260655851	SNP	-
LEK092_093	Indel	260656326	211 (T); 217 (M)	(F) CTGATGCGTAGCGTATATCGAG (R) AGGCCTCCTTTGATCCCAA
LEK095_096 (SBM06)	SBM	260679274	SNP + Indel	(F) TTGCTGATATTGTTTCGCTCG (R) CAACTCGATGGAAAGCCATT
LEK097_098 (SBM07)	SBM	260684606	SNP + Indel	(F) ACATCATCCCCGTGAAAGAG (R) TCAAGTGGTTCTCCCAGTCC

GBS_221	GBS	260711087	SNP	-
GBS_222	GBS	260745399	SNP	-
GBS_223	GBS	260746476	SNP	-
GBS_224	GBS	260771404	SNP	-
umc1411	SSR	-	Small (T); Large (M)	(F) CGATAATGAAGATGAGCTCCGTG (R) CTAGCCGGTTGTTGTTGCCT