

Table S1. Summary of the 48 loci that conformed with Hardy-Weinberg equilibrium (HWE; $p > 0.05$) expectations.

NO.	SSR Locus	Reference	Chromosome Location	NO.	SSR Locus	Reference	Chromosome Location
1	Embri392	Brondani <i>et al.</i> , 2006	1	25	EUCeSSR914	Zhou <i>et al.</i> , 2010	11
2	EUCeSSR107	He <i>et al.</i> , 2012	2	26	EUCeSSR948	Zhou <i>et al.</i> , 2014	9
3	EUCeSSR1144	Zhou <i>et al.</i> , 2014	2	27	EUCeSSR615	Zhou <i>et al.</i> , 2014	3
4	EUCeSSR533	He <i>et al.</i> , 2012	4	28	Embri218	Brondani <i>et al.</i> , 2006	2
5	EUCeSSR356	He <i>et al.</i> , 2012	1	29	EUCeSSR264	He <i>et al.</i> , 2012	4
6	EUCeSSR905	Zhou <i>et al.</i> , 2014	9	30	EUCeSSR256	Zhou <i>et al.</i> , 2014	5
7	EUCeSSR368	He <i>et al.</i> , 2012	10	31	EUCeSSR685	He <i>et al.</i> , 2012	4
8	EUCeSSR235	He <i>et al.</i> , 2012	6	32	Embri106	Brondani <i>et al.</i> , 2006	6
9	EUCeSSR506	Zhou <i>et al.</i> , 2014	7	33	EUCeSSR288	He <i>et al.</i> , 2012	2
10	EUCeSSR955	Zhou <i>et al.</i> , 2010	2	34	EUCeSSR422	He <i>et al.</i> , 2012	6
11	EUCeSSR941	Zhou <i>et al.</i> , 2014	11	35	EUCeSSR1070	Zhou <i>et al.</i> , 2014	8
12	EUCeSSR751	Zhou <i>et al.</i> , 2014	3	36	EUCeSSR0013	Zhou <i>et al.</i> , 2014	10
13	EUCeSSR683	He <i>et al.</i> , 2012	6	37	EUCeSSR549	Zhou <i>et al.</i> , 2014	10
14	Embri221	Brondani <i>et al.</i> , 2006	scaffold	38	EUCeSSR567	Zhou <i>et al.</i> , 2014	8
15	EUCeSSR645	Zhou <i>et al.</i> , 2014	6	39	EUCeSSR626	He <i>et al.</i> , 2012	5
16	EUCeSSR804	He <i>et al.</i> , 2012	2	40	Embri90	Brondani <i>et al.</i> , 2006	1
17	EUCeSSR667	Zhou <i>et al.</i> , 2014	1	41	EUCeSSR591	He <i>et al.</i> , 2012	8
18	EUCeSSR332	He <i>et al.</i> , 2012	8	42	EUCeSSR774	Zhou <i>et al.</i> , 2014	1
19	EUCeSSR972	Zhou <i>et al.</i> , 2014	4	43	EUCeSSR218	Zhou <i>et al.</i> , 2014	1
20	EUCeSSR571	He <i>et al.</i> , 2012	11	44	EUCeSSR959	Zhou <i>et al.</i> , 2014	6
21	EUCeSSR896	Zhou <i>et al.</i> , 2014	4	45	EUCeSSR606	Zhou <i>et al.</i> , 2014	3
22	EUCeSSR197	He <i>et al.</i> , 2012	5	46	EUCeSSR172	He <i>et al.</i> , 2012	2
23	Embri98	Brondani <i>et al.</i> , 2006	7	47	EUCeSSR1007	Zhou <i>et al.</i> , 2014	5
24	EUCeSSR267	He <i>et al.</i> , 2012	scaffold	48	EUCeSSR542	Zhou <i>et al.</i> , 2014	7

Note: The prefix EUCeSSR indicates EST-SSRs (42 markers) while the rest are genomic SSRs (6 markers).

References

Brondani, R.P.V.; Williams, E.R.; Brondani, C.; Grattapaglia, D. A microsatellite-based consensus linkage map for species of *Eucalyptus* and a novel set of 230 microsatellite marker for the genus. *BMC Plant Biology* **2006**; 6:20. <https://doi.org/10.1186/1471-2229-6-20>

He, X.D.; Wang, Y.; Li, F.; Weng, Q.J.; Li, M.; Xu, L.A.; Shi, J.S.; Gan, S.M. Development of 198 novel EST-derived microsatellites in *Eucalyptus* (Myrtaceae). *American Journal of Botany* **2012**; 99:134-148. <https://doi.org/10.3732/ajb.1100442>