

Table S2 Polymorphisms segregating in *Eichhornia paniculata* populations identified in aligned portions of EST-derived nuclear locus EP0314 from Barrett *et al.* (2009) and Ness *et al.* (2010) and the best matching contig from this study

Site	127	148	177	217	228	262	266	298	634	652	655	733
Brazil South selfer ($t=0$) ^a	C	C	G	C	C	G	A	C	C	A/C	C/T	C/?
Brazil South outcrosser ($t>0.8$) ^a	A/C	C/T	G	C/T	C/G	C/G/T	A/G	C/G	C/T/?	A/C/T/?	C/T/?	C/?
Brazil North outcrosser ($t>0.8$) ^a	C	C	G	C	C	G	A	C	C/T	C	C	C/?
Caribbean ($t<0.15$) ^a	A	C	A/G	C	C	T	G	C	T/C	C	C	C
Central America ($t=0$) ^a	C	C	G	C	C	G	A	C	C/?	C/?	C/?	C/?
Brazil_sample1 ^b	C	C	G	C	C	G	A	C	C	C	C	C
Brazil_sample2 ^b	C	C	G	C	C	G	A	C	C	C	C	C
Brazil_sample3 ^b	C	C	G	C	C	G	A	C	T	C	C	C
Brazil_sample4 ^b	C	C	G	C	C	G	A	C	C	C	C	C
Brazil_sample5 ^b	C	C	G	C	C	G	G	G	C	T	C	C
Brazil_sample6 ^b	C	C	G	C	C	G	A	C	C	C	C	C
Brazil_sample7 ^b	C	C	G	T	C	C	G	G	C	C	C	C
Brazil_sample8 ^b	A	C	A	C	C	G	G	C	T	C	C	C
Brazil_sample9 ^b	C	C	G	C	C	G	A	C	C	C	C	C
Brazil_sample10 ^b	C	T	G	T	C	C	A	C	C	T	C	C
Caribbean_sample1 ^b	A	C	A	C	C	T	G	C	T	C	C	C
Caribbean_sample2 ^b	A	C	A	C	C	T	G	C	T	C	C	C

Caribbean_sample3 ^b	A	C	A	C	C	T	G	C	T	C	C	C
Caribbean_sample4 ^b	A	C	A	C	C	T	G	C	T	C	C	C
Caribbean_sample5 ^b	A	C	A	C	C	T	G	C	T	C	C	C
Caribbean_sample6 ^b	A	C	A	C	C	T	G	C	T	C	C	C
Caribbean_sample7 ^b	A	C	A	C	C	T	G	C	T	C	C	C
Caribbean_sample8 ^b	A	C	A	C	C	T	G	C	T	C	C	C
Central America_sample1 ^b	C	C	G	C	C	G	A	C	C	C	C	C
Central America_sample2 ^b	C	C	G	C	C	G	A	C	C	C	C	G

^aPolymorphisms identified in populations sampled in Barrett *et al.* (2009) and Ness *et al.* (2010)

^bPolymorphisms identified in the 10 outcrossing and 10 selfing populations from this study