



Table S1. Allele frequencies at SSR loci in *Cymodocea rotundata* based on presence/absence data.

Locus	No. Of Alleles	Allele 1 (freq)	Allele 2 (freq)	Polymorphic (Y/N)
Cymrot040	1	1	0	N
Cymrot116	1	1	0	N
Cymrot015	2	1	0.18	Y
Cymrot004	1	1	0	N
Cymrot044	2	1	0.28	Y
Cymrot164	1	0.97	0	N
Cymrot006	1	1	0	N
Cymrot027	1	1	0	N
Cymrot162	1	1	0	N
Cymrot003	2	1	0.9	Y
Cymrot039	2	1	0.92	Y
Cymrot153	2	1	0.26	Y