

Table S3. Short allele dominance analysis for microsatellite loci developed for *Gracilaria vermiculophylla* including number of pooled size classes used in regression analysis (following Wattier *et al.* 1998), *No. of classes*, and linear regression statistics. Loci Gverm_10367 and Gverm_2790 only exhibited two alleles in our sampled populations and consequently, short allele dominance analysis was not applicable (NA).

Locus	No. of classes	R^2	F	p-value
Gverm_5276	4	-0.443	0.0792	0.805
Gverm_6311	3	-0.999	< 0.001	0.984
Gverm_8036	3	0.294	1.83	0.405
Gverm_3003	3	-0.805	0.108	0.798
Gverm_1203	3	0.772	7.79	0.219
Gverm_1803	3	-0.442	0.387	0.646
Gverm_804	4	-0.265	0.371	0.604
Gverm_10367	NA	NA	NA	NA
Gverm_2790	NA	NA	NA	NA