

The following supplement accompanies the article

Population genetic structure of the *Pocillopora damicornis* morphospecies along Ningaloo Reef, Western Australia

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Table S1. Deviations from Hardy-Weinberg Equilibrium (p values) for each locus and sampling site within each lineage. Values in **bold** are significant deviations

	Pd3-005	Pd3-009	Pd3-004	Pd3-008	Pd2-001	Pd2-007
Type α						
BBJ	Monomorphic	Monomorphic	0.317	0.317	Monomorphic	0.317
CB	0.875	0.021	0.713	0.837	0.897	0.740
CLO	0.141	0.029	0.042	0.001	0.922	0.982
FQ	0.153	0.250	0.225	0.375	Monomorphic	0.970
GNR	0.000	0.000	0.002	0.555	0.525	0.525
NM	0.005	0.281	0.647	0.071	0.182	0.403
SM	0.948	0.886	0.764	0.061	Monomorphic	0.464
TBD	0.025	0.251	0.485	0.485	0.913	0.848
TRQ	0.112	0.174	Monomorphic	Monomorphic	0.386	0.083
WNB	0.112	0.112	0.221	0.221	Monomorphic	0.174
Type β						
BBJ	0.000	0.000	0.636	0.000	0.941	0.000
CB	0.000	0.035	0.154	0.001	0.154	0.001
CLO	0.353	0.285	0.696	0.530	0.695	0.586
FQ	0.037	0.008	0.025	0.029	0.708	0.005
GNR	0.317	0.317	0.317	0.317	0.317	Monomorphic
NM	0.608	0.046	0.673	0.831	0.639	0.116
SM	0.000	0.001	0.006	0.044	0.005	0.001
TBD	0.572	0.423	0.637	0.157	0.637	0.637
TRQ	0.572	0.572	0.637	0.157	0.157	0.572
WNB	0.003	0.000	0.070	0.000	0.862	0.000

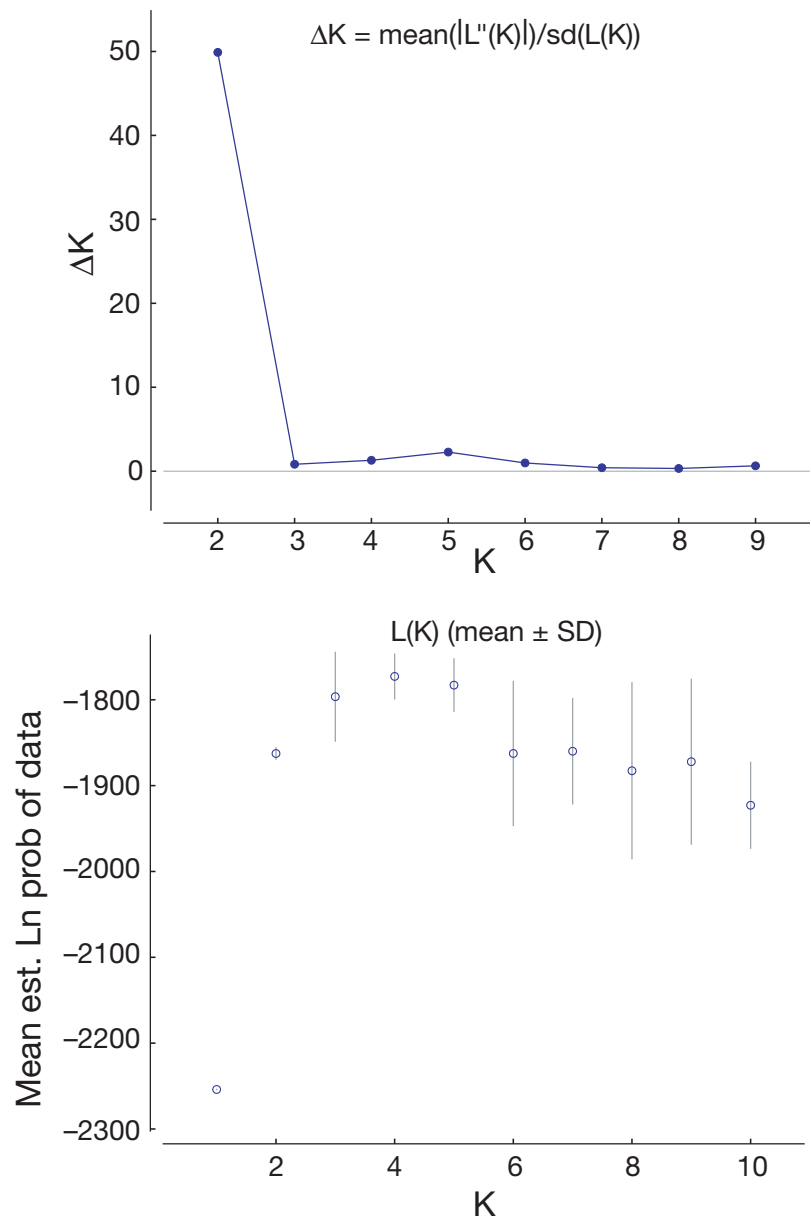


Fig. S1. Plots of log probability ($L(K)$) and ΔK across different K values testing for admixture between Type α and Type β

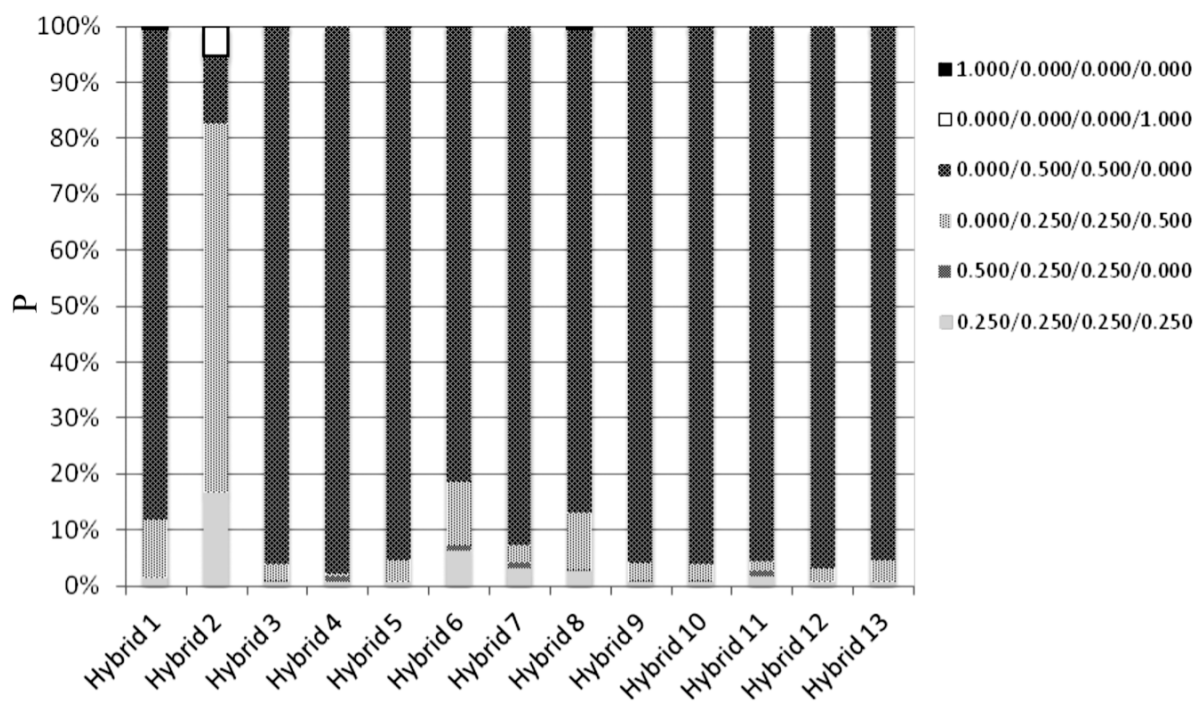


Fig. S2. Posterior probabilities based on microsatellite data of admixed Type β individuals belonging to 6 hybrid classes determined by NEWHYBRIDS

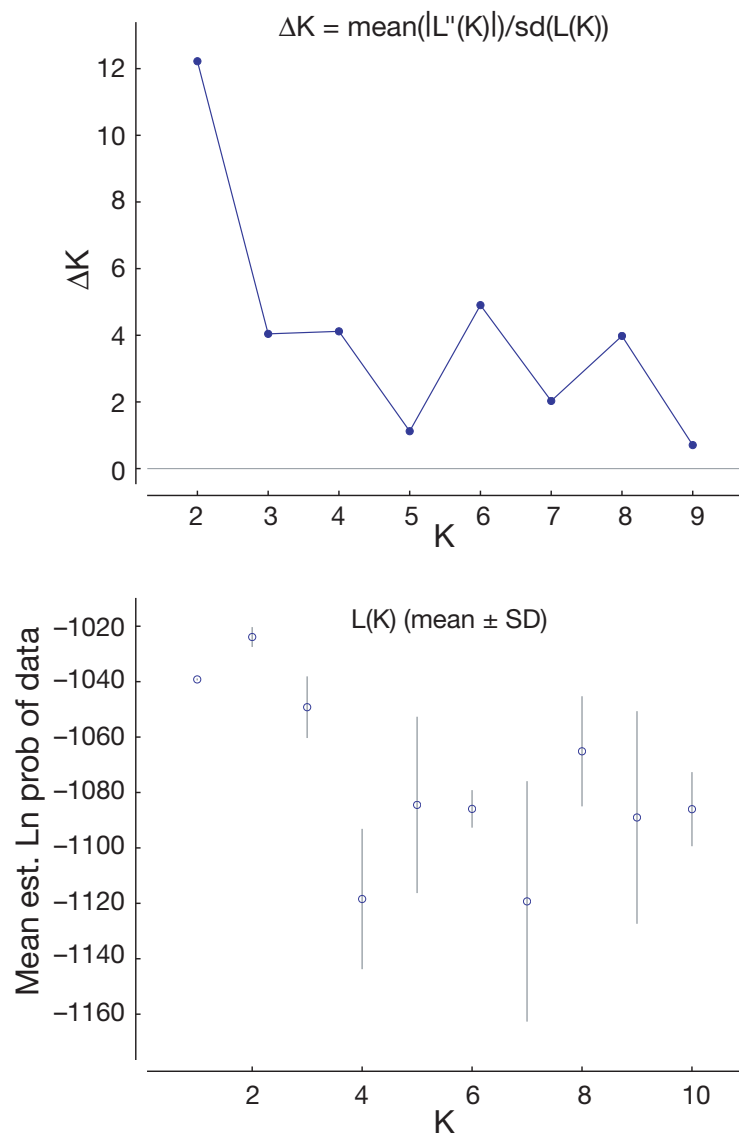


Fig. S3. Plots of log probability ($L(K)$) and ΔK across different K values for Type α