
Supplementary material

Variation in Major Histocompatibility Complex diversity in invasive cane toad populations

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Table S1. Summary of Hardy-Weinberg results for microsatellites (A) and MHC (B) for sample locations

Observed heterozygosity, H_O , and expected heterozygosity, H_E . Microsatellite markers deviating from Hardy-Weinberg Equilibrium expectations indicated in bold; * indicates non-significance after Bonferroni correction for multiple tests

A: Microsatellites

Population	Locus	H_O	H_E	P -value	s.d.
Hawai'i	<i>BM121</i>	0.556	0.722	0.0501	0.00020
	<i>BM279</i>	0.412	0.633	0.0530	0.00024
	<i>BM224</i>	0.667	0.721	0.1297	0.00029
	<i>BM231</i>	0.056	0.157	0.0861	0.00028
	<i>BM322</i>	0.588	0.513	0.6434	0.00049
	<i>BM102</i>	0.500	0.525	0.0820	0.00027
	<i>BM218</i>	0.500	0.444	1	0
Cairns	<i>BM121</i>	0.388	0.644	0.0001	0.00001
	<i>BM279</i>	0.469	0.465	0.5933	0.00051
	<i>BM224</i>	0.708	0.654	0.6776	0.00047
	<i>BM231</i>	0.551	0.504	0.5725	0.00048
	<i>BM322</i>	0.469	0.437	0.7444	0.00043
	<i>BM102</i>	0.432	0.653	0.0182*	0.00012
	<i>BM218</i>	0.261	0.229	1	0
Timber Creek	<i>BM121</i>	0.488	0.746	0.0148*	0.00012
	<i>BM279</i>	0.171	0.160	1	0
	<i>BM224</i>	0.683	0.633	0.2960	0.00050
	<i>BM231</i>	0.214	0.194	1	0
	<i>BM322</i>	0.429	0.506	0.3646	0.00046
	<i>BM102</i>	0.300	0.524	0.0002	0.00002
	<i>BM218</i>	0.143	0.174	0.3065	0.00045

B: MHC

Population	Locus	H_O	H_E	P -value	s.d.
Hawai'i	<i>UA</i>	0.571	0.675	0.0624	0.00025
	<i>DAB</i>	0.538	0.591	1	0
Cairns	<i>UA</i>	0.674	0.653	0.9108	0.00027
	<i>DAB</i>	0.477	0.496	0.1607	0.00036
Timber Creek	<i>UA</i>	0.286	0.391	0.1083	0.00032
	<i>DAB</i>	0.447	0.667	0.0144*	0.00012