

Electronic supplementary material

Reconstructing eight decades of genetic variation in an isolated Danish population of the Large Blue butterfly *Maculinea arion*

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Table S1

Marker	Accession	Repeat	Primer seq. (5'-3')	Product (bp)	TA (°C)	<i>N</i>	<i>n</i>	<i>k</i>	<i>Ho</i>	Genotype error rate		Positive PCRs	
										Historic	Contemp.	Historic	Contemp.
Macari08	HM586088	(CAA) ₈	F: TAAGTGGGTTCATGGGTGTC R: GCCAGAGGAATTAGCGAGTG	118-119	56	8	131	2	0.285	0.06	0.00	0.90	0.92
Macari16	HM586089	(TC) ₇ (AC) ₁₂	F: CCCAGTGTCTATAATCCTGTGC R: CTGCATCCCGACAAGACG	150-155	56	8	124	4	0.319	0.07	0.00	0.77	0.95
Macari18	HM586090	(CA) ₁₄	F: GTGCAATATTCCGGCTTCTG R: CTGCATCCCGACAAGACG	97-145	56	8	131	7	0.225	0.06	0.00	0.90	0.92
Macari19	HM586091	(TC) ₁₄ (AC) ₈	F: CGACAAGCATCATGAGTGAG R: CCTATAGTGC GTTTATGCATTG	83-122	56	8	133	5	0.583	0.00	0.01	0.94	0.94
Macari22	HM586092	(GA) ₁₁	F: TCTGCAGACTGCGAGGTAAG R: TTTTCCTAATTGCGGACTTTC	144-166	56	8	130	5	0.333	0.03	0.00	0.85	0.83
Macari23	HM586093	(AC) ₅ (CA) ₃ AA(CA) ₁₁	F: CGAGGAGATCGAAAATCTATTG R: GGGTGGACATCGAGGATAAAG	118-156	56	8	130	5	0.475	0.10	0.00	0.88	0.85
Macu15	Zeisset <i>et al.</i> (2005)			130-153	62	8	129	4	0.370	0.04	0.01	0.88	0.84
Macu20	Ugelvig <i>et al.</i> (submitted)			82-93	57	8	133	5	0.507	0.03	0.00	0.93	0.91
Macu26	Ugelvig <i>et al.</i> (submitted)			84-92	57	8	131	3	0.564	0.02	0.01	0.90	0.79
Macu45	Ugelvig <i>et al.</i> (submitted)			136-142	57	8	121	3	0.384	0.05	0.00	0.77	0.95
Macari02	HM586094	(CA) ₁₄	F: TCAAGCTTAGCAAATATTCACA R: TTTGGCAACGTGCTTATTAGG	157-173	56	8	92	5	-	-	-	-	-
Macari05	HM586095	(TC) ₇ (AC) ₁₂	F: CATCCCGAGACCTTTTCAC R: CGTCATTCTATGATTCCGAAAG	159-182	56	8	75	6	-	-	-	-	-

Macu30	HM586096	(TG) ₁₃	F: GACGCGCTGTTATGTATTGC R: CGTCTAGCGTGACCGTAACA	82	57	8	133	1	-	-	-	-	-
Macu31	HM586097	(GTA) ₂ GTC(GTA) ₁₇	F: GTTCTGTCCCCGAACTAGG R: AAACCTGGGATTGGTTAAAAAC	101	57	8	133	1	-	-	-	-	-
Macu11	Zeisset <i>et al.</i> (2005)			177-217	62	8	73	12	-	-	-	-	-
Macu16	Zeisset <i>et al.</i> (2005)			306-308	62	8	38	2	-	-	-	-	-
Macu17	Zeisset <i>et al.</i> (2005)			231-259	62	8	56	9	-	-	-	-	-
Macu44	Ugelvig <i>et al.</i> (submitted)			177-209	57	8	76	3	-	-	-	-	-
Macu8	Zeisset <i>et al.</i> (2005)			195-218	62	8	68	4	-	-	-	-	-
Macu9	Zeisset <i>et al.</i> (2005)			179-187	62	8	88	6	-	-	-	-	-