

# Conservation Genetics of the Loggerhead Sea Turtle, *Caretta caretta*, from the Central Mediterranean: An Insight into the Species' Reproductive Behaviour in Maltese Waters

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## Supplementary material

**Table S1: List of primer, sequences (forward and reverse primers, including M13 sequence), fluorescent dye used and references.**

Primer	Sequence 5' – 3' (including M13 as used in this study)	Fluorescent dye	Reference
<b>Dinucleotide loci</b>			
cc141	F CAGCAGGCTGTCAGTTCTCCAC R GGAAACAGCTATGACCATAGTACGTCTGGCCTGACTTT	PET	Bowen et al., 2005 [42]
cc7	F TGCATTGCTTGACCAATTAGTGAG R GGAAACAGCTATGACCATACATGTATAGTTGAGGAGCAAGTG	VIC	Fitzsimmons, 1998 [43]
Ccar176	F GGCTGGGTGTCCATAAAAGA R GGAAACAGCTATGACCATCCCTAAGTAAAGATTGGCTGCT	NED	Moore and Ball, 2002 [44]
cc117	F GGAAACAGCTATGACCATCTTTAACGTATCTCCTGTAGCTC R CAGTAGTGTGAGTTCATTGTTTCA	VIC	Martin et al., 2002 [45]
Cc-2	F GGAAACAGCTATGACCATCCCCCATAACACCACATCTC R AGGTCACAAATGGAGCAAGC	6-FAM	Monzón-Argüello et al., 2008 [46]
Cc-8	F GGAAACAGCTATGACCATGATGGAAACCCCTTCAAAC R TGTCACGGAGACACAAACATT	PET	Monzón-Argüello et al., 2008 [46]
Cc-10	F TCCACATGGGGTTGTATGAA R GGAAACAGCTATGACCATTGCCCTCCTTGAGAATTCAG	VIC	Monzón-Argüello et al., 2008 [46]
Cc-17	F CCACTGGAAGTCTAAGAAGAGTGC R GGAAACAGCTATGACCATGGAATTGAAGGGATTTTGCT	NED	Monzón-Argüello et al., 2008 [46]
Cc-22	F GGAAACAGCTATGACCATCCCCACTGCTTAACTTCA R TATTCCAACATGCCACAGA	VIC	Monzón-Argüello et al., 2008 [46]
Cc-25	F GGAAACAGCTATGACCATTTTGCTTTCCCATCTGAC R AGCCTCCAGCACAGCATTAT	VIC	Monzón-Argüello et al., 2008 [46]
Cc-28	F AGCCCATATGTTTCCCTTCA R GGAAACAGCTATGACCATTGGCCCATCTTATTTCAAGT	NED	Monzón-Argüello et al., 2008 [46]
Cc-30	F CTTTGGAGGCAGGCTAGTG R GGAAACAGCTATGACCATGAAGCCAGTTGATCAGGAG	6-FAM	Monzón-Argüello et al., 2008 [46]
<b>Tetranucleotide loci</b>			
Cc1G02	F GGAAACAGCTATGACCATAGGTGCCTAAACATTGATAGT R GTTATACTGTGCTCTTTCGTGTAAT	6-FAM	Shamblin et al., 2007 [47]
Cc1G03	F GGAAACAGCTATGACCATGGAATGTGCAGAATGTATGT R GTTTAACGAGCATGTATCTAAAGTAA	NED	Shamblin et al., 2007 [47]

Cc5H07	F	GGAAACAGCTATGACCATAAGGAAGGAGAGGCTTATTAC	NED	Shamblin et al., 2007 [47]
	R	GTTTGGGCAATGAGACTGGAACCTA		
Cc7E11	F	GTTTGAAGAGCTGACCCCATATAG	PET	Shamblin et al., 2007 [47]
	R	GGAAACAGCTATGACCATAAACACAGAAATGAGGGATAG		
Cc2H12	F	GGAAACAGCTATGACCATTCTTCAGGAGTTTGTACTTG	6-FAM	Shamblin et al., 2007 [47]
	R	GTTTCCACACCCCTGTTTCAGA		
Cc7B07	F	GTTTATAATGTTGGTGAGCAATATAG	NED	Shamblin et al., 2007 [47]
	R	GGAAACAGCTATGACCATCAGGAGTTAAACCAGGCACAGT		
Cc7G11	F	GTTTCTCAGCATGAAAGTGTAATAC	NED	Shamblin et al., 2007 [47]
	R	GGAAACAGCTATGACCATGGATTGTTCAGTAATAG		
Cc8E07	F	GTTTAGCACTGGGTTGTGTGATTA	6-FAM	Shamblin et al., 2007 [47]
	R	GGAAACAGCTATGACCATAACCACCATTCTGATTGTAG		
CcP1F09	F	GGAAACAGCTATGACCATAAATGTTGCCGTTTCTATTG	6-FAM	Shamblin et al., 2009 [48]
	R	GTTTCTCCCCAACCTCTCAT		
CcP5C11	F	GTTTCTATTGACACCACTCCACTCT	PET	Shamblin et al., 2009 [48]
	R	GGAAACAGCTATGACCATTGATTCTCTCCCTTACA		
CcP7D04	F	GGAAACAGCTATGACCATGAGCAAAGTAACCTAACA	NED	Shamblin et al., 2009 [48]
	R	GTTTGGAGCCAAATTAGAGATCAAC		
CcP7F06	F	GGAAACAGCTATGACCATGACCACCCTCCAGTGAA	VIC	Shamblin et al., 2009 [48]
	R	GTTTGTGTTGGTTGATTACTTCTATG		
CcP7H10	F	GGAAACAGCTATGACCATCGAGACTCAATAAATACAGAGA	PET	Shamblin et al., 2009 [48]
	R	GTTTATAACAACACAGCATAAAATAAT		

Microsatellite amplification protocols used followed Monzón-Argüello et al. [46] and Shamblin et al. [47,48].

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