Supplementary Information 3 (SI.3 Appendix)

Article title:

A single Management Unit but specific conservation strategies between two major nesting areas of the critically endangered loggerhead turtle in New Caledonia.

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SI.3 Appendix Primer sequences, associated dye and PCR condition for the nine microsatellite loci used to assess connectivity between the Roche Percée (RP) and the Grand Lagon Sud (GLS) loggerhead turtle nesting areas. ¤ = position of the corresponding dye. PCR = letters refer to PCR thermocycler conditions summarized in SI.4 Appendix

Locus	Forward Primer (5' to 3')	Reverse Primer (5' to 3')	Dye	PCR
Cc1F01	¤GTGTGAAGGCTCTAAAACTAAT	GTTTATACTGGGACGATAGGATAAA	6-FAM	C
Cc5F01	GTTTAAAGGATTTGAGATGTTGTATG	¤CCAGTTGTCTTTCTCCAGT	VIC	D
Cc7B07	GTTTATAATGTTGGTGAGCAATATAG	¤GGAGTTAAACCAGGCACAGT	VIC	A
Cc2G10	¤GTGGCAAGGTCAAATACAG	GTTTGCCCTTATTTGGTCACA	PET	B
Cc117	¤TCTTTAACGTATCTCCTGTAGCTC	CAGTAGTGTCAGTTCATTGTTTCA	6-FAM	A
Cm84	GTTTTGACATTAGTCCAGGATTG	¤ATTGTTATAGCCTATTGTTCAGGA	VIC	A
Cm72	¤CTATAAGGAGAAAGCGTTAAGACA	CCAAATTAGGATTACACAGCCAAC	NED	A
Cc141	¤CAGCAGGCTGTCAGTTCTCCAC	TAGTACGTCTGGCCTGACTTT	NED	A
Cc7	¤TGCATTGCTTGACCAATTAGTGAG	ACATGTATAGTTGAGGAGCAAGTG	6-FAM	A

One primer for each pair was fluorescently labeled with NED, PET, VIC or 6-FAM. Each Polymerase Chain Reaction (PCR) had a final volume of 15 µL and included 1 X AmpliTaq Gold™ 360 Master Mix, 0.4 µM of unlabeled primer, 0.5 µM of labeled primer, and 1-10 ng of template DNA. Four conditions were performed to amplify loci (A to D).