

# Supplementary Information

## VALIDATION OF NEW D-LOOP HAPLOTYPES OF THE LOGGERHEAD TURTLES FROM SOUTHWEST ATLANTIC

**Figure S1.** Polymorphic sites between the new D-loop haplotypes (indicated with asterisks) do *Caretta caretta* of the Southwest Atlantic compared with the known CCA1.1, CCA4.1, CCA4.2, CCA4.3, CCA24.1, and CCA25.1.

	Base pairs [10	20	30	40	50	60	70	80 ]
CCA1.1	ACCGCAATTGTTACTGTATCAGAGAAAATCCCGTAGC..							
CCA4.1	...T.....A...A.....-T...G...AA...							
CCA4.2	...T.....A...A.....-T...G...C...AA...							
CCA4.3	...T.....A...A.....-T...AG...C...AA...							
CCA4.4*	...T.....A...A...T...-...G...C...AA...							
CCA4.5*	...T...C...A...A...T...-T...G...C...AA...							
CCA4.6*	...T...C...A...A...T...-T...G...C...AA...							
CCA4.7*	...T.....A...C...A...T...-T...G...C...AA...							
CCA4.8*	...T...C...A...A...T...-T...G...C...AA...							
CCA24.1	...T...G...A...A...-T...G...C...AA...							
CCA25.1	...T.....A...C...A...-T...G...C...AA...							

**Figure S2.** ABGD results measure of distance between the *Caretta caretta* lineages compared with other worldwide.

