

# Microsatellite polymorphism and the population structure of dugongs (*Dugong dugon*) in Thailand.

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**Table S3.** Microsatellite polymorphism in dugongs in both the Gulf of Thailand and Andaman Sea.

Locus	Genetic variabilities	Andaman Sea (AND)	Gulf of Thailand (GOT)
Tmakb60	N	41 (59.420%)	2 (25.000%)
	Size range (bp)	238-262	242
	Na	7.000	1.000
	Ne	2.309	1.000
	I	1.138	0.000
	Ho	0.146	0.000
	He	0.567	0.000
Tma-FWC04	N	61 (88.406%)	8 (100%)
	Size range (bp)	171-191	173-183
	Na	12.000	3.000
	Ne	6.834	2.462
	I	2.114	0.974
	Ho	0.246	1.000
	He	0.854	0.594
Tma-FWC17	N	57 (82.609%)	5 (62.500%)
	Size range (bp)	219-227	219
	Na	4.000	1.000
	Ne	1.457	1.000
	I	0.608	0.000
	Ho	0.211	0.000
	He	0.314	0.000
DduB01	N	64 (92.754%)	6 (75.000%)
	Size range (bp)	320-370	326-346
	Na	22.000	3.000
	Ne	13.386	2.000
	I	2.748	0.868
	Ho	0.828	0.667
	He	0.925	0.500
DduB02	N	65 (94.203%)	8 (100%)

	Size range (bp)	218-244	218
	Na	5.000	1.000
	Ne	1.581	1.000
	I	0.765	0.000
	Ho	0.415	0.000
	He	0.367	0.000
DduCO5	N	62 (89.855%)	7 (87.500%)
	Size range (bp)	226-264	232-250
	Na	19.000	2.000
	Ne	11.81	2.000
	I	2.640	0.693
	Ho	0.823	1.000
	He	0.915	0.500

N=Number of sample, Na = observed number of alleles; Ne = effective number of alleles; I = Shannon's information index; Ho = observed heterozygosity; He = expected heterozygosity.