

Table S2. Characteristics of 18 polymorphic loci in *Gonidea angulata* including primer sequences (F = forward sequence; R=reverse sequence). “Mix” refers to specific multiplex combinations, “Repeat” refers to the microsatellite motif, N_a refers to the number of alleles, “Ann.” refers to annealing temperature for PCR reaction, and “Dye” refers to fluorescent dye used with primers.

Locus	Primer sequences (5'-3')	Allele size range (bp)	Repeat	N _a	5' Modification	Ann.	Dye
Mix A							
GAN9915	F: CAGCATAACAGTTGGTGAGACC	166-201	(TC) ₁₇	17	M13(-21)	59	FAM
	R: GACAGACATGCTCGAATTCAC				GTTT		
GAN5236	F: CATCATTGAGGGCAGTTCC	187-209	(TAG) ₁₂	7	T7term		VIC
	R: GGGCACGTTGTCATTATGTG				GTTT		
GAN7195a	F: ACAGTGTTAACCTCTCTGTGTGTG	271-310	(TC) ₁₂	12	M13modA		NED
	R: GACATGTTGCAAGCTCTATTG				GTTT		
GAN7349	F: GCTATAACTGTTTGGTCGTTGC	344-377	(TC) ₁₄	17	M13(-21)		FAM
	R: CGGTCAGAGTGAACCTAACAGC				GTTT		
Mix B							
GAN10164	F: ATCGCTCCCATAGTGCTTTAG	122-155	(GAA) ₁₄	12	M13(-21)	62	FAM
	R: ACCCCACATGCTAAAATGG				GTTT		
GAN5733	F: TGCTGTCTGGAACCTTATGCAC	151-214	(ATAC) ₂₀	16	T7term		VIC
	R: AATCAGTGCGTATCGATCTAC				GTTT		
GAN5877	F: GTGTTCTTCTAGCCAGCTTTTG	284-318	(GA) ₁₇	16	T7term		VIC
	R: GTTCCGCAGGAGACTTTTG				(none)		
GAN9927	F: GTRACTGGCGTATGGAGACAAAG	208-239	(CT) ₁₈	13	M13modA		NED
	R: CTCTGGACCTTTGAATGTTGG				GTTT		
Mix C							
Poolplex 1							
GAN5641	F: GAGGGAACCTGGTCAGATGTTC	138-167	(ATG) ₁₀	7	M13(-21)	62	FAM
	R: CGAGTTGTTTTGCTGTATGAGG				GTTT		
GAN8467	F: GGAACCAAAGAAACACAGACAG	182-221	(AC) ₁₆	16	M13modA		NED
	R: AAGAGGGAGTCCATTCTAGCAC				GTTT		
Poolplex 2							
GAN3309	F: GGAAACTGGTACCTTGCTCTG	300-342	(ATC) ₁₀	12	T7term	62	VIC
	R: CCAATGGTATACCGGACAAC				GTTT		
GAN5500	F: CTTTTGTTATCCTCCGCACTG	398-441	(GA) ₁₄	21	M13modA		NED
	R: TGCCGTATTACATAGTGTGCTG				GTT		

Table S2, continued

Locus	Primer sequences (5'-3')	Allele size range (bp)	Repeat	Na	5' Modification	Ann.	Dye
Mix D							
GAN3800	F: GAGGATTCTGCTCCATAAACG	119-184	(ACAT) ₂₀	17	M13(-21)	62	FAM
	R: GGCAATGTTCCCTATATGCAC				GTTT		
GAN7525	F: GAGTAAATGTTTGGCGTGACC	261-321	(TGTA) ₁₅	15	T7term		VIC
	R: CATCTCCTGCAAAACCTGTC				GTTT		
GAN3878	F: CCGAAGGTGAAGAGAATAAGC	344-381	(AC) ₁₉	19	M13modA		NED
	R: CACCACCACCAACAACAAC				GTTT		
Mix E							
GAN4732	F: TCCTGAGTAGATGTTAGACACACG	148-252	(ACAT) ₁₅	22	M13(-21)	62	FAM
	R: CAAGCGAAGTTAAGCCAATG				GTTT		
GAN10589	F: AATCAAAGGAAGGCGTTGAG	300-339	(TG) ₁₄	19	T7term		VIC
	R: TGAGCGTCCAAAGCAATG				GTT		
GAN3517	F: CCTCAAATTCAGGACCGTTATC	416-452	(TG) ₁₂	16	M13(-21)		FAM
	R: CGTAATGCTGTGCTCTTTTCC				GTTT		