

Norwegian fjords contain sub-populations of roundnose grenadier, *Coryphaenoides rupestris*, a deep-water fish

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Marine Ecology Progress Series 586: 181–192 (2018)

Table S1. Microsatellite primers used in this study, developed for *Coryphaenoides rupestris* by Knutsen et al. (2008) and White et al. (2009). Fluorescent markers are written in the forward sequence. Crup8 and CorRu7 were tested and dropped from the study.

Locus	Genbank code	Repeat motif (N)	Primer sequences (5'-3')	Size range (bp)	Number of alleles
Crup 1	EU341322	(TC) ₆	F: NED-ATCTATCACCGCTATAAACGAAGAG R: ATGCAGACGCACGGACAG	102–118	12
Crup 6	EU341327	(AC) ₈	F: VIC-CCTGGTCGATGTCCCTAC R: CTGATCGTCCAGACCAGC	179–211	13
CorRu2	FJ374670.1	(CA) ₁₁	F: NED-TCGCTGTCCACCACCAG R: TTGTTAATGTGCTCGGTGC	126–198	31
CorRu3	FJ374671.1	(GACA) ₁₃	F: FAM-TGATTCTGCTCATGCCGT R: CTGGGATATTGCGGTGAT	84–152	16
CorRu4	FJ374672.1	(TG) ₁₀ nucs (TG) ₉ nucs (TG) ₄ nucs (TG) ₅ nucs (TG) ₅ nucs (TG) ₄ nucs (TG) ₃	F: VIC-CAGGAAGGGAGACGGTGTGA R: CACGCACATGTACACATGAG	109–181	16
CorRu11	FJ374674.1	(TG) ₄ CG (TG) ₂ CG (TG) ₅	F: NED-CATCTGCCTGATGGCCTAAT R: CGTTGGCAAGGTCAAATTCT	154–210	26
CorRu12	FJ374675.1	(CA) ₆ nucs (CA) ₃ nucs (CA) ₁₀	F: FAM-TATGACAACACACGCACACG R: TGCACATGTCTTTGCTTCC	174–246	21
CorRu33	FJ374677.1	(AC) ₁₉ nucs (AC) ₅ nucs (AC) ₃	F: FAM-GGCACAGGAGTTTACAGTTTCC R: AACATGCATTTGCGTCTCAG	139–179	18
Crup8	EU341329	(AC) ₃ GC(AC) ₉	F: PET-ACAGCCAAGCATGCACTG R: GTCGGAGTGATTTGTCGC	79–113	16
CorRu7	FJ374673.1	(CA) ₁₂	F: PET-CGGCTGAAAGAAAGATGTC R: TGGGAATGACCCACACTAT	168–312	36

Table S2: Five PCR settings (and loci involved) used in this study. Repeats refer to number of times to repeat steps 2-4. Forever refers to a setting that remains until the samples are removed from the machine. The volume in each tube is 25 μ L (24 μ L Master mix, 1 μ L DNA extract). Note that PCR-4 and PCR-5 are identical, since CorRu4 and CorRu5 were unsuccessful when multiplexed.

PCR-1 (Crup6, CorRu11, CorRu33)							
Step	1	2	3	4	Repeats	6	7
Temperature ($^{\circ}$ C)	94	94	58	72		60	12
Time (seconds)	180	30	30	60		1800	Forever
$\leftarrow 24$							
PCR-2 (CorRu2, CorRu3)							
Step	1	2	3	4	Repeats	6	7
Temperature ($^{\circ}$ C)	94	94	63	72		60	12
Time (seconds)	180	30	30	60		1800	Forever
$\leftarrow 26$							
PCR-3 (Crup1)							
Step	1	2	3	4	Repeats	6	7
Temperature ($^{\circ}$ C)	94	94	52	72		60	12
Time (seconds)	180	30	30	60		1800	Forever
$\leftarrow 26$							
PCR-4 (CorRu4)							
Step	1	2	3	4	Repeats	6	7
Temperature ($^{\circ}$ C)	94	94	57	72		60	12
Time (seconds)	180	30	30	60		1800	Forever
$\leftarrow 26$							
PCR-5 (CorRu12)							
Step	1	2	3	4	Repeats	6	7
Temperature ($^{\circ}$ C)	94	94	57	72		60	12
Time (seconds)	180	30	30	60		1800	Forever
$\leftarrow 26$							