

Table S2. Sampling sites and average allelic diversity (A) for *Fucus serratus* over 7 microsatellite loci, corrected for sample size

Locality	A
Norway	
Bodø	4.1
Ålesund	7.0
Trondheim	7.4
Nyborg	4.3
Bergen	8.9
Smaskjaer	8.7
Sweden	
Karlshamn	5.6
Denmark	
Gjerrild Klint	8.6
France (Brittany)	
I'lle de Siec	18.4
Pl. du Lividie	20.7
Roscoff	19.4
England	
Plymouth	12.1
Channel Islands/France (Normandy)	
Jersey	14.8
St. Valerie en Caux	4.6
Ireland	
Limerick	7.6
Galway	9.6
Sligo	7.5
Wexford	7.1
Bangor	11.1
Giant's Causeway	7.3
Scotland	
Oban	10.1
Fort William	10.4
Greenock	9.6
Cromarty	8.6
Peterhead	6.8
Orkney	11.3
Iceland	4.1
Faroes	2.9
Canada (Nova Scotia)	
Pictou	9.6
Inverness	7.4
Caplin Cove	5.1