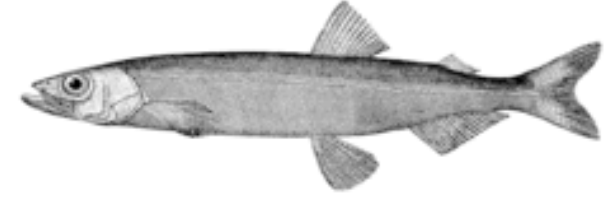


Capelin dataset








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ORIGINAL ARTICLE

MOLECULAR ECOLOGY WILEY



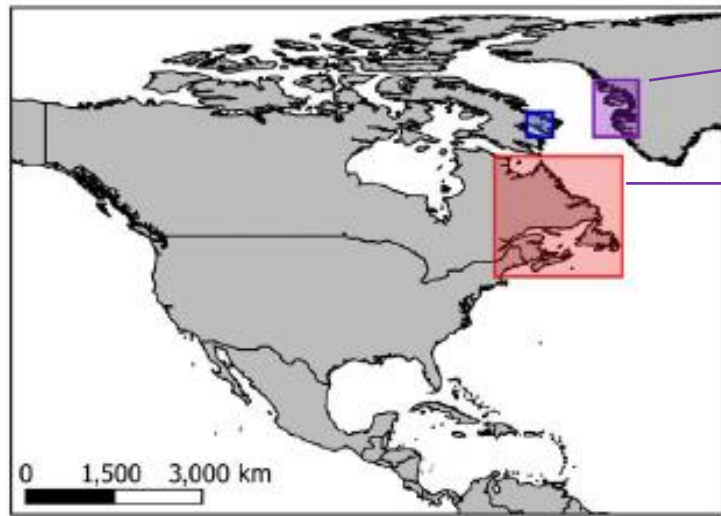
Shared ancestral polymorphisms and chromosomal rearrangements as potential drivers of local adaptation in a marine fish

Hugo Cayuela^{1*}  | Quentin Rougemont^{1*}  | Martin Laporte¹  | Claire Mérot¹  |
Eric Normandeau¹ | Yann Dorant¹  | Ole K. Tørresen² | Siv Nam Khang Hoff²  |
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Kim Praebel⁷ | Marie Clément^{8,9} | Louis Bernatchez¹

- *Mallotus villosus*
- Small fish
- Spawn on beaches
- Cold waters of the North Atlantic Ocean



Capelin dataset



Greenland species

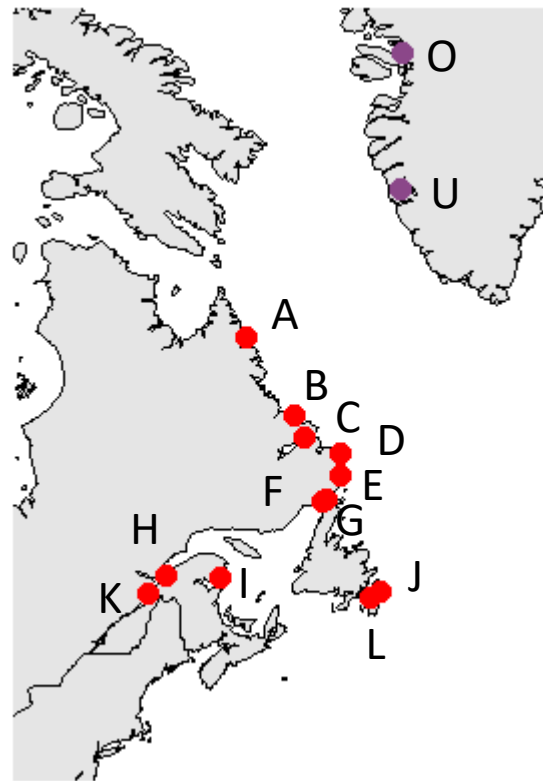
North American species

2 population

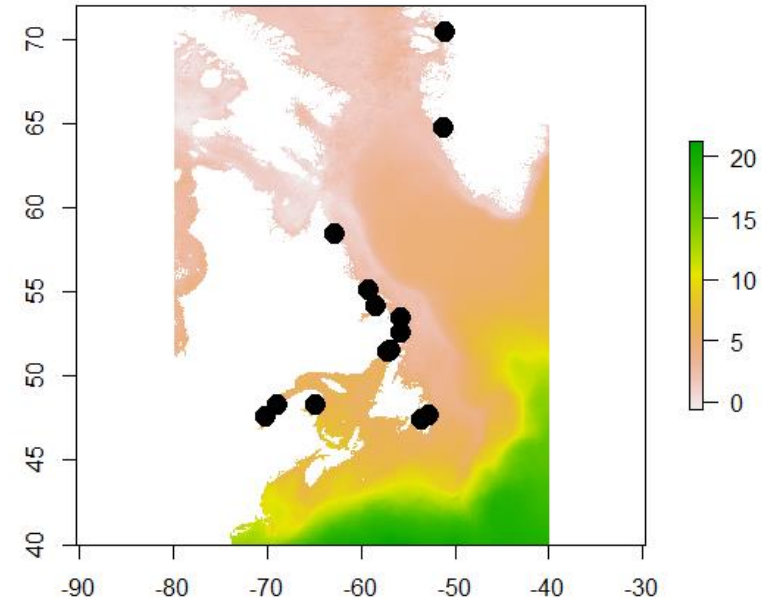
N= 40

12 populations

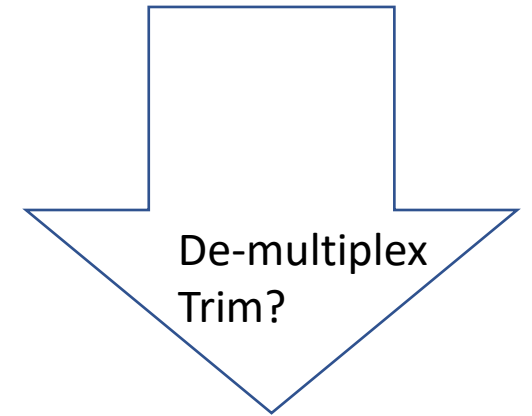
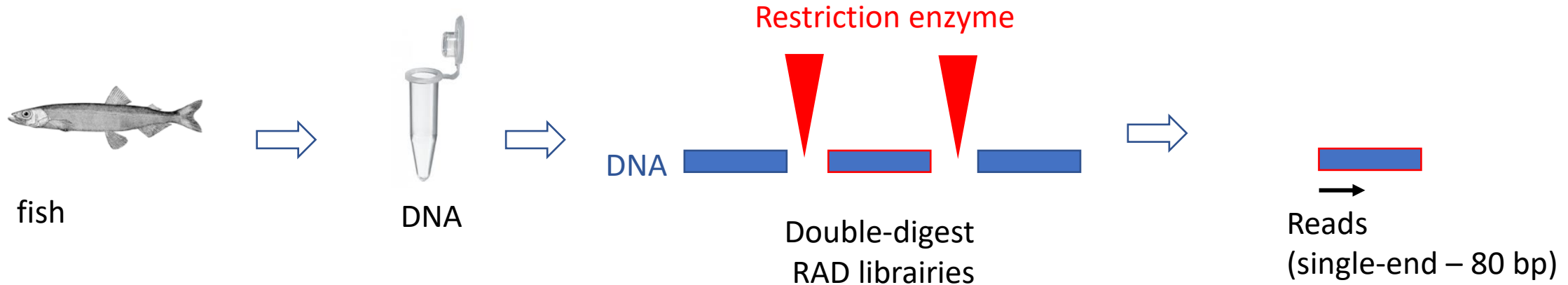
N= 240 (20/pop)



Sea temperature
(from MARSPEC)



Capelin dataset



N fastQ files

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+
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@70ZFD:01334:11636/1
TGCATCCTGTGGAAGTAGCTGCACACCTGCTCATGCTGTGCCAGGAAGGGAGGGTGGGATCAGCCAATCGGGGAACAGAG
+
5;?;;;5855;4:4<A<;<<;<<<B9B=<<<<<<;<;=<<:69:58-55)533)/893<;:9:496888<:1;599;;B
@70ZFD:01335:11615/1
TGCATGGCAGAGTGGAGAGGAGCGCCCTCTACTGGAACCTTCTGGAACAGGTCCTCCGAATGTCCAAGGTACAACGGTTC
```