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Publications:

Historical DNA documents long distance natal homing in marine fish
Publication: Research - peer-review › Journal article – Annual report year: 2016

Archived DNA reveals fisheries and climate induced collapse of a major fishery
Publication: Research - peer-review › Journal article – Annual report year: 2015

The history of cod in Greenland: A major fishery collapse explained by archived DNA
Publication: Research › Conference abstract for conference – Annual report year: 2015

Conserving marine biodiversity: insights from life-history trait candidate genes in Atlantic cod (Gadus morhua)
Publication: Research - peer-review › Journal article – Annual report year: 2013

Evolutionary impact assessment: Accounting for the evolutionary consequences of fishing in an ecosystem approach to fisheries management
Publication: Research - peer-review › Journal article – Annual report year: 2012

Genomic signatures of selection in a classic fisheries experiment
Publication: Research › Conference abstract for conference – Annual report year: 2014

Population genomics of marine fishes: next generation prospects and challenges
Publication: Research - peer-review › Journal article – Annual report year: 2014

The use of archived tags in retrospective genetic analysis of fish
Publication: Research - peer-review › Journal article – Annual report year: 2013

A genomic island linked to ecotype divergence in Atlantic cod
Publication: Research - peer-review › Journal article – Annual report year: 2013

Can fisheries-induced evolution shift reference points for fisheries management?
Publication: Research - peer-review › Journal article – Annual report year: 2013

Identifying genetic signatures of selection in a non-model species, alpine gentian (Gentiana nivalis L.), using a landscape genetic approach
Publication: Research - peer-review › Journal article – Annual report year: 2012

Microevolution in time and space: SNP analysis of historical DNA reveals dynamic signatures of selection in Atlantic cod
Publication: Research - peer-review › Journal article – Annual report year: 2013
Spatiotemporal SNP analysis reveals cryptic distribution shifts and signs of ongoing adaptation at the northern range margin for Atlantic cod
Publication: Research › Conference abstract for conference – Annual report year: 2013

Spatiotemporal distribution and composition of mixed stock fishery of Atlantic cod (Gadus morhua) in West Greenlandic waters based on retrospective genetic analysis
Publication: Research › Conference abstract for conference – Annual report year: 2013

Spatiotemporal SNP analysis reveals pronounced biocomplexity at the northern range margin of Atlantic cod Gadus morhua
Publication: Research - peer-review › Journal article – Annual report year: 2013

Tilbage til fremtiden; DNA analyse af historiske samlinger af torske-øresten fra Grønland
Publication: Research › Conference abstract for conference – Annual report year: 2013

Correlations between hemoglobin type and temperature preference of juvenile Atlantic cod Gadus morhua
Publication: Research - peer-review › Journal article – Annual report year: 2011

Insights from the past: Retrospective monitoring of genetic variation in Atlantic cod (Gadus morhua)
Publication: Research › Ph.D. thesis – Annual report year: 2012

Retrospective genomic analysis of Atlantic cod in Greenlandic Waters
Publication: Research › Poster – Annual report year: 2013

The simple fool's guide to population genomics via RNA-Seq: An introduction to high-throughput sequencing data analysis
Publication: Research - peer-review › Journal article – Annual report year: 2012

The use of archived tags in retrospective genetic analysis of fish
Publication: Research › Poster – Annual report year: 2013

Historical DNA reveals signatures of recent fisheries- or climate-induced evolution in Atlantic cod, Gadus morhua
Publication: Research › Poster – Annual report year: 2011

Can fisheries-induced evolution shift reference points for fishery management?
Publication: Research › Conference abstract in proceedings – Annual report year: 2010

Does DNA extraction affect the physical and chemical composition of historical cod (Gadus morhua) otoliths?
Publication: Research - peer-review › Journal article – Annual report year: 2010

Evolutionary impact assessment: Accounting for the evolutionary consequences of fishing in an ecosystem approach to fisheries management
Publication: Research › Conference abstract in proceedings – Annual report year: 2010

Large effective population size and temporal genetic stability in Atlantic cod (Gadus morhua) in the southern Gulf of St. Lawrence
Publication: Research - peer-review › Journal article – Annual report year: 2010

Using historical DNA to study fisheries-induced genetic change in Atlantic cod (Gadus morhua)
Publication: Research › Conference abstract for conference – Annual report year: 2010
Using historical DNA to study fisheries-induced genetic change in commercial fish stocks
Publication: Research › Conference abstract for conference – Annual report year: 2010

Using the candidate gene approach to study fisheries-induced evolution
Publication: Research › Poster – Annual report year: 2010

Effective population size and temporal genetic stability in Atlantic cod (Gadus morhua) in the southern Gulf of St. Lawrence
Publication: Research › Poster – Annual report year: 2009

Small versus large-scale fishing operations in New England, USA
Publication: Research - peer-review › Journal article – Annual report year: 2007

A review of the emerging fisheries for the sea cucumber Cucumaria frondosa: biology, policy, and future prospects
Publication: Research › Journal article – Annual report year: 2006

Projects:

Development of genetic tools to distinguish Greenland’s cod stocks (38956)
Project

The Atlantic cod (Gadus morhua) in Greenlandic waters – past and future under climate change (38873)
Project

Predicting the consequences of global change for fish populations using genomic methods
Project: PhD

Fisheries induced evolution (FinE) (38279)
Project

Scaling from individuals to populations (SLIP) (38726)
Project

Activities:

ICES - Working Group on Fisheries-Induced Evolution - WGEVO (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar