

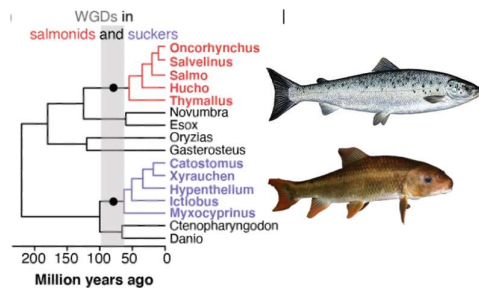
Topic/Title (Norwegian)

Komparativ analyse av dupliserte fiskegenom

Topic/Title (English)

Comparative analyses of duplicated fish genomes

Picture



Summary

Whole genome duplications have impacted the evolution of many fish genomes. These genome duplication events are believed to play important roles in the evolution of traits and gene regulation. The ancestor of both sucker fish (<https://en.wikipedia.org/wiki/Catostomidae>) and salmonids have undergone a whole genome duplication about 50-100 million years ago. We have now sequenced many species in each of these fish groups and aim to use these genome resources to better understand the genetic consequences of whole genome duplications.

Subject area (keywords)

Computational biology, genomics, evolution, whole genome duplication

Language thesis (Norwegian and/or English)

English

Bachelor or Master thesis

Master thesis

Credits

60

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Topic/Title (Norwegian)