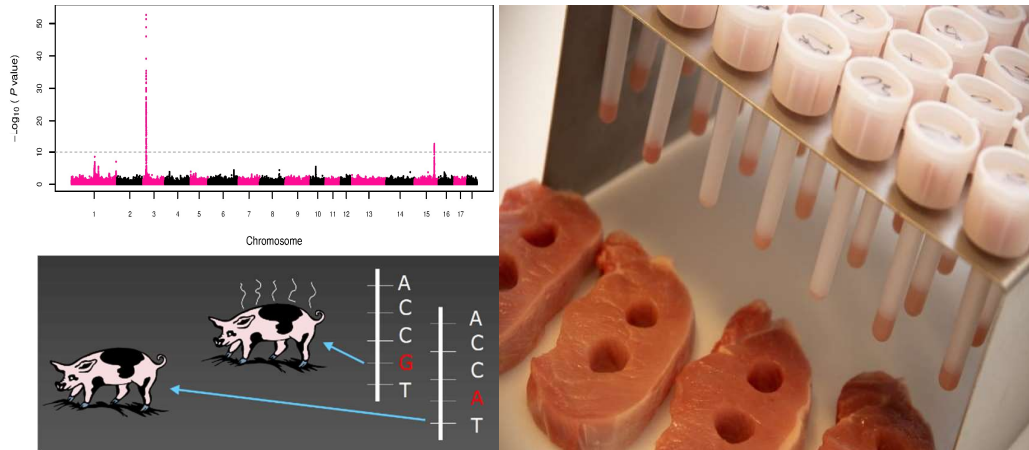


Topic/Title (Norwegian)

Finkartlegging av genområder som påvirker kjøttkvalitet målt ved drypptap i svinekjøtt

Topic/Title (English)

Fine mapping of genomic regions underlying meat quality measured by drip loss in pork



Summary Thesis work: Data analysis

The aim of this study is to use available genotype and sequence data to fine map genomic regions affecting meat quality as measured by drip loss in pigs. Drip loss is the loss of juice and flavor from the tissue and is an important trait in meat quality research. Identification of mutations affecting this trait can help in selecting the best animals for breeding.

Genomic data is routinely used in pig breeding and is also important to understand the biology underlying different traits in the breeding goal. Norsvin has genotype and sequence data available that can be used to identify genes and mutations which can have a large effect on different traits. Phenotypic data is also available for other traits like fertility, meat quality and slaughter quality, and we are happy to discuss and adapt the topic to the student's interest.

Subject area Bioinformatics, molecular genetics

Language thesis Norwegian or English

Bachelor or Master thesis Master thesis

Credits 30 or 60

Project/company Norsvin

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