

Topic/Title (Norwegian)

Nedarving av horn og nyvler hos norsk storfe

Topic/Title (English)

Inheritance of horn and spurs in Norwegian Cattle



Foto: Hanna Storlien , Geno

Summary

Polled animals (individuals without horns) is a desired trait in Norwegian cattle breeding. Some polled individuals can still have smaller loose horns called scurs. This can lead to misclassification horns/polled and also give an increased risk of injuries for the farmer and reduced animal welfare due to dehorning. Inheritance of horns are determined by one single gene, while inheritance of scurs is more complex. In this project we want to fine-map identified QTLs for scurs. It would also be a goal to provide a better description of the phenotype 'scurs'.

Subject area (keywords)

Genetics/genomics, statistics

Language thesis (Norwegian and/or English)

Norwegian or English

Bachelor or Master thesis

Master

Credits

60 ECTS

Project/company



Bachelor or Master thesis BIOVIT 2022/23

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