

## **Genome wide association mapping in multiple cow populations of the RobustMilk project**

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RobustMilk is a 4 year collaborative research project that started in 2008 with funding from the EU Framework 7 Programme. The objective of RobustMilk is to develop new useful and practical technologies to allow dairy farmers and the dairy industry to refocus their selection decisions to include additional traits such as milk quality and dairy cow robustness. As part of the project data and DNA samples were combined from 2,000 cows in research herds in 4 different countries. Combining these datasets for genome wide association analysis was investigated and associations were estimated along the genome using 50k genotypes for production and robustness traits.