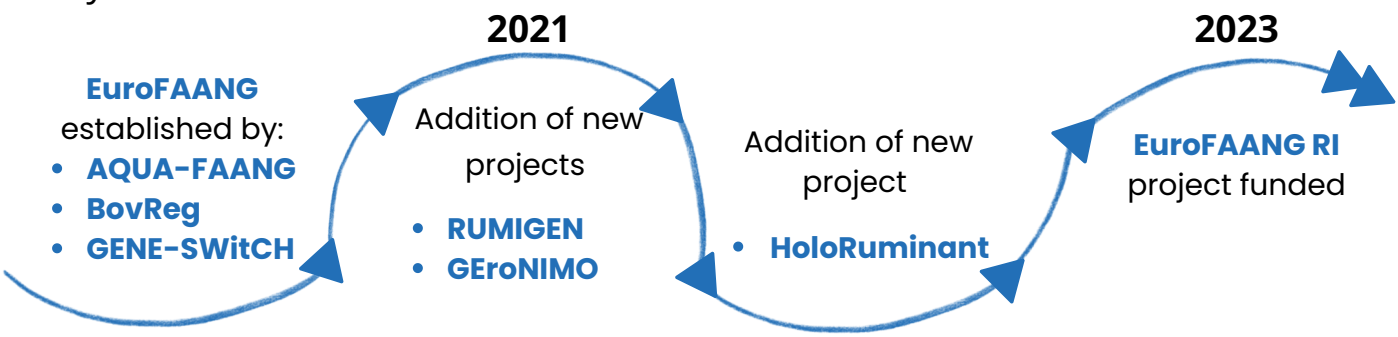
EuroFAANG

Accelerating genome to phenome research for farmed animals in Europe

EuroFAANG is an internationally coordinated effort to unravel the connection between the genetic make-up of farmed animals and their observable physical and physiological traits. EuroFAANG currently comprises of six research projects and one infrastructure project funded by the EU.



EuroFAANG Research Infrastructure

The EuroFAANG Research Infrastructure (RI) project works on developing and conceptualising a framework of knowledge hubs, repositories, biobanks and experimental facilities to realise the full potential of Genotype-to-Phenotype (G2P) research across species. The EuroFAANG RI project aims to streamline interdisciplinary capabilities for G2P research in terrestrial and aquatic farmed animals and provide further transnational access to all the relevant facilities, expertise and knowledge to European stakeholders in the future. It draws on the research infrastructures available in the initial project group and aims to expand from there.

The EuroFAANG community is supported by seven projects

AQUA-FAANG

Documenting genome function to understand the basis for trait variation and disease resistance in farmed fish.

www.aqua-faang.eu

BovReg

Identifying genome features driving phenotypic diversity in cattle.

www.bovreg.eu

Rumigen
TOWARDS IMPROVEMENT OF RUMINANT BREEDING THROUGH GENOMIC AND EPIGENOMIC APPROACHES

Developing new breeding strategies to help ruminants adapt to climatic changes.

www.rumigen.eu

HoloRuminant
Understanding microbiomes of the ruminant holobiont

Understanding microbiomes of ruminant holobiont.

www.holoruminant.eu

GENE-SWitCH

Identifying genome features whose activity, during development and when facing environmental challenges, determines complex traits in chicken and pigs.

www.gene-switch.eu

GERONIMO

Providing new knowledge and tools for genome and epigenome enabled breeding in monogastrics.

www.geronimo-h2020.eu

EuroFAANG
Research Infrastructure

Streamlining interdisciplinary capabilities for G2P research in terrestrial and aquatic farmed animals.

www.eurofaang.eu

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EuroFAANG