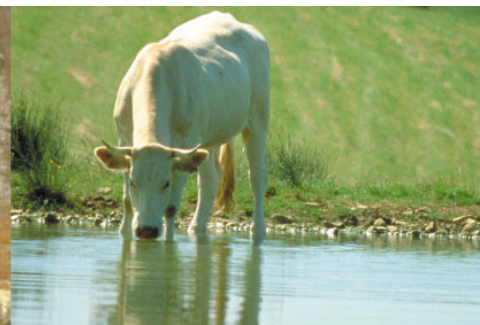


MAPHiTS: an efficient workflow for SNP detection

Computer Demo



BRAS Marc
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ALIMENTATION
AGRICULTURE
ENVIRONNEMENT



Summary

URGI team develops a pipeline (MAPHiTS) for SNP detection from short reads.

Features:

- Robuste but flexible
- Easy to upgrade
- User-friendly interface (for biologists)

It's fully integrated in Galaxy.

Installation of URGI Galaxy

Galaxy is installed on URGI cluster with:

- ❑ CPU: **704** (Intel Xeon)
- ❑ RAM max: **96 Gb** per job
- ❑ Storage: **60 Tb**



Using Sun Grid Engine (for job management) and a PostgreSQL Database (for Galaxy).

Computer Demo



Using MAPHiTS ?

Please contact us:

urg-contact@versailles.inra.fr



 **Galaxy**

Thanks !!

urg-contact@versailles.inra.fr

