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## Advanced Genetics

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► **To cite this version:**

Beatriz C. D. Cuyabano, Andrea Rau. Advanced Genetics. Master. M2 Predictive and Integrative Animal Biology, Palaiseau, France. 2023. hal-04482776

**HAL Id: hal-04482776**

**<https://hal.inrae.fr/hal-04482776>**

Submitted on 28 Feb 2024

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# Advanced Genetics



From genomics to functional genomics... and back again

- **Statistical methods** for genomic prediction

From pedigree and genomic BLUP, through the Bayesian alphabet, to the single-step GBLUP, ...

- (Multi-)omics data for **functional insight**

RNA-seq, ATAC-seq, multi-omics integration, ...

- Linking **functional omics** → **quantitative genetics**

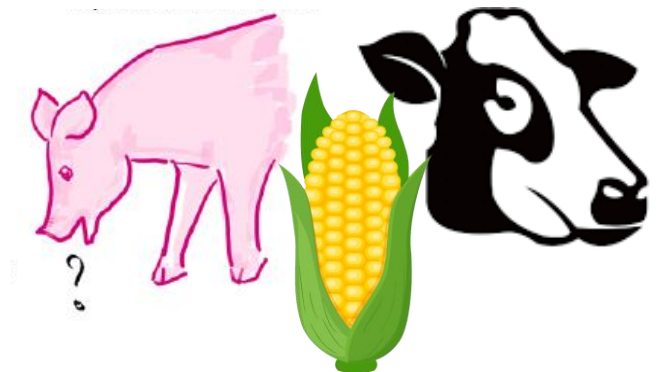
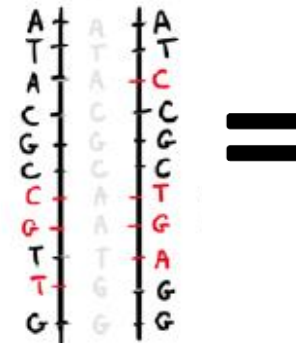
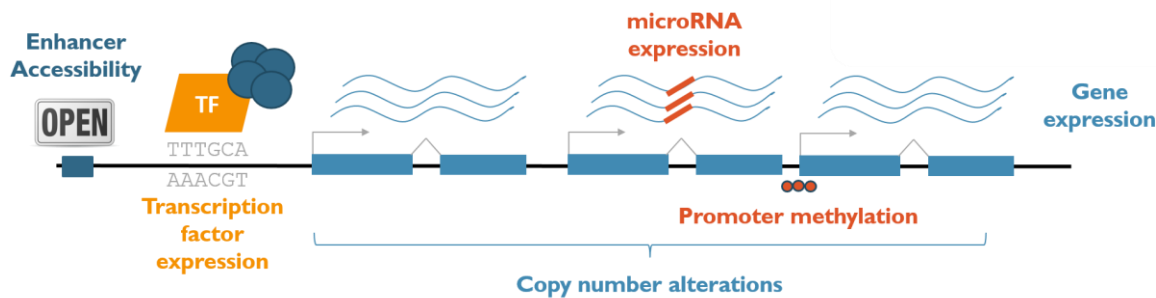
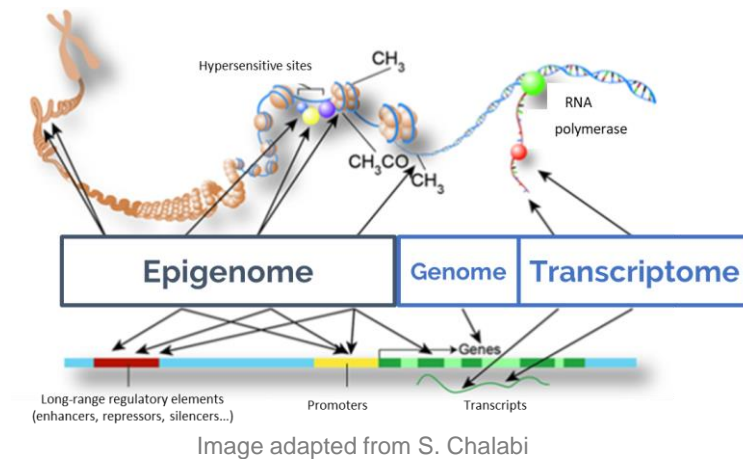


Image adapted from F. Mollandin