

Genetic determinism of spontaneous masculinisation in XX female rainbow trout: new insights using medium throughput genotyping and whole-genome sequencing

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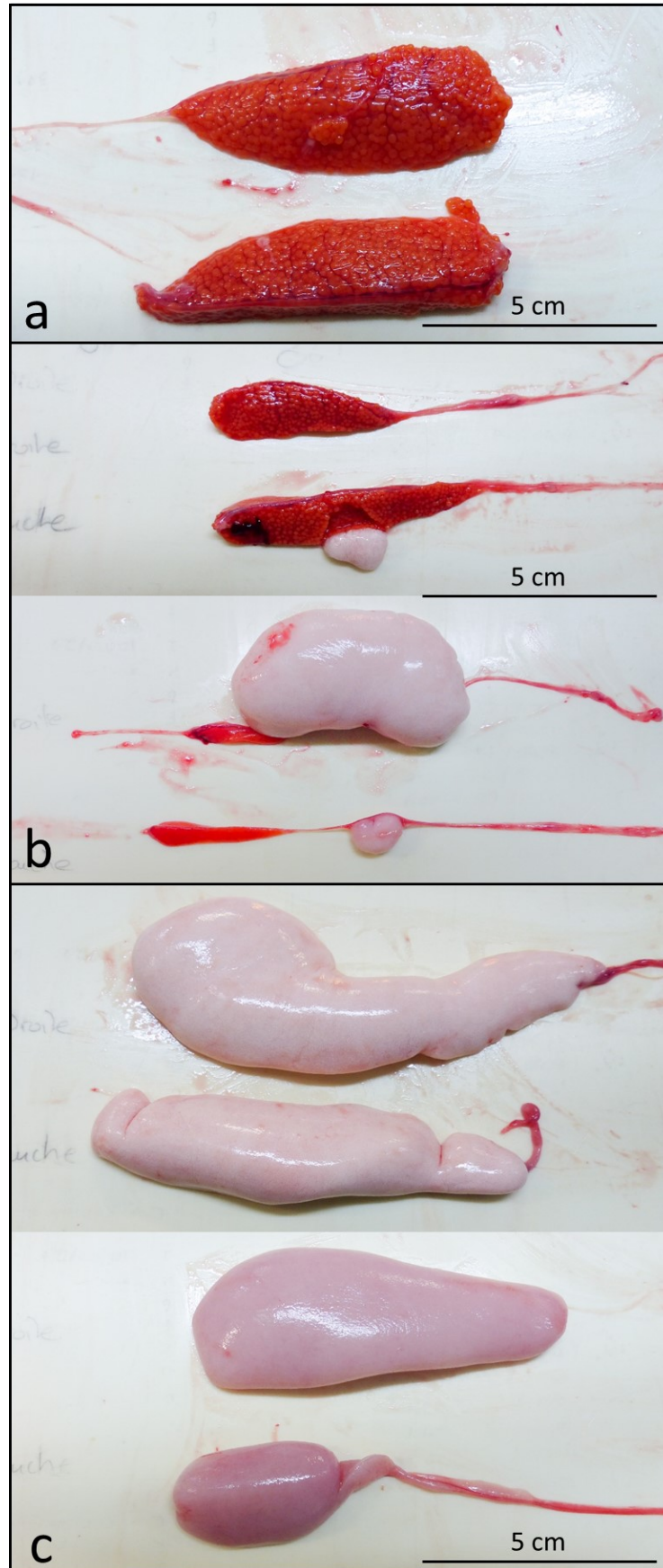
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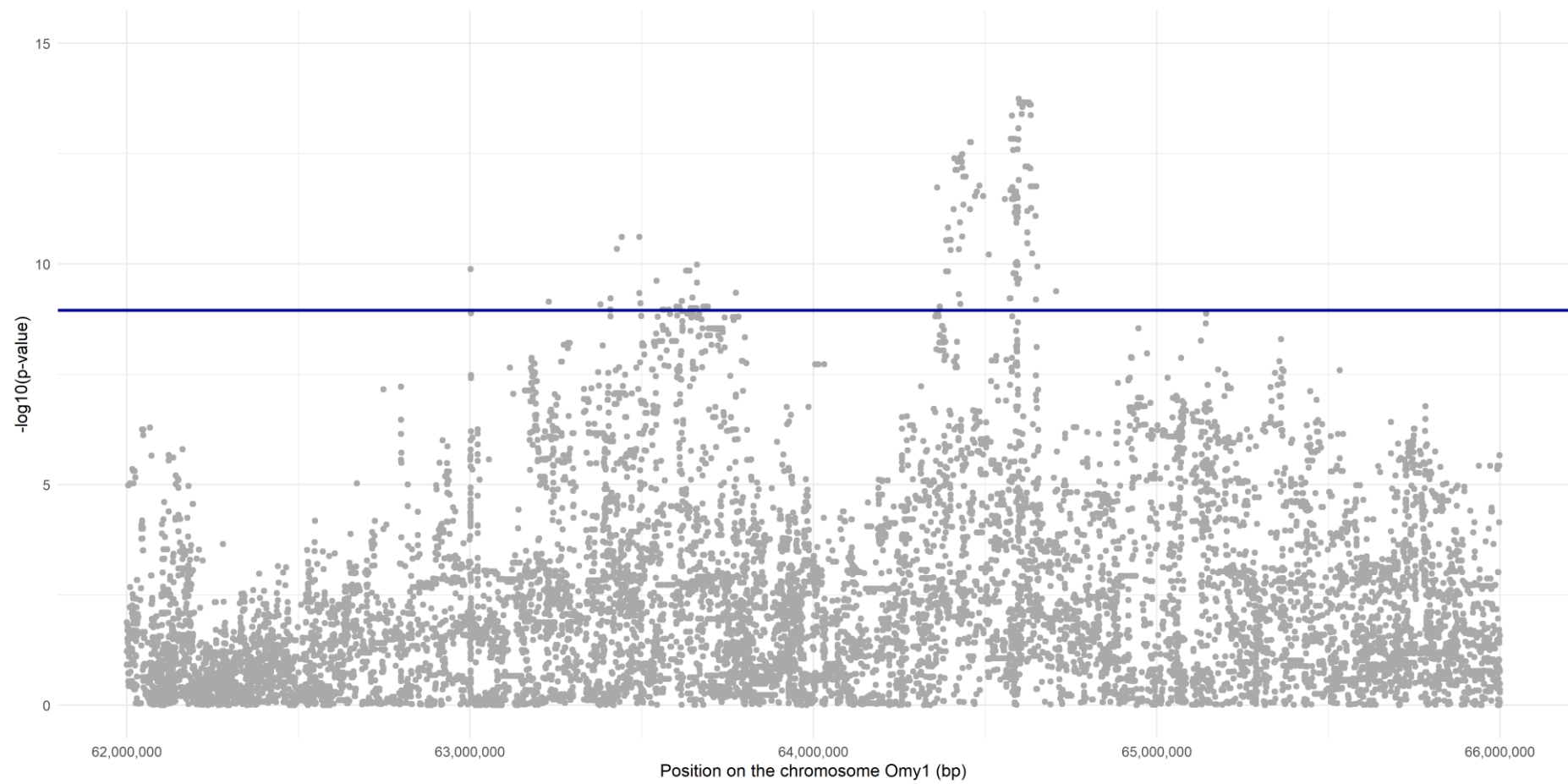
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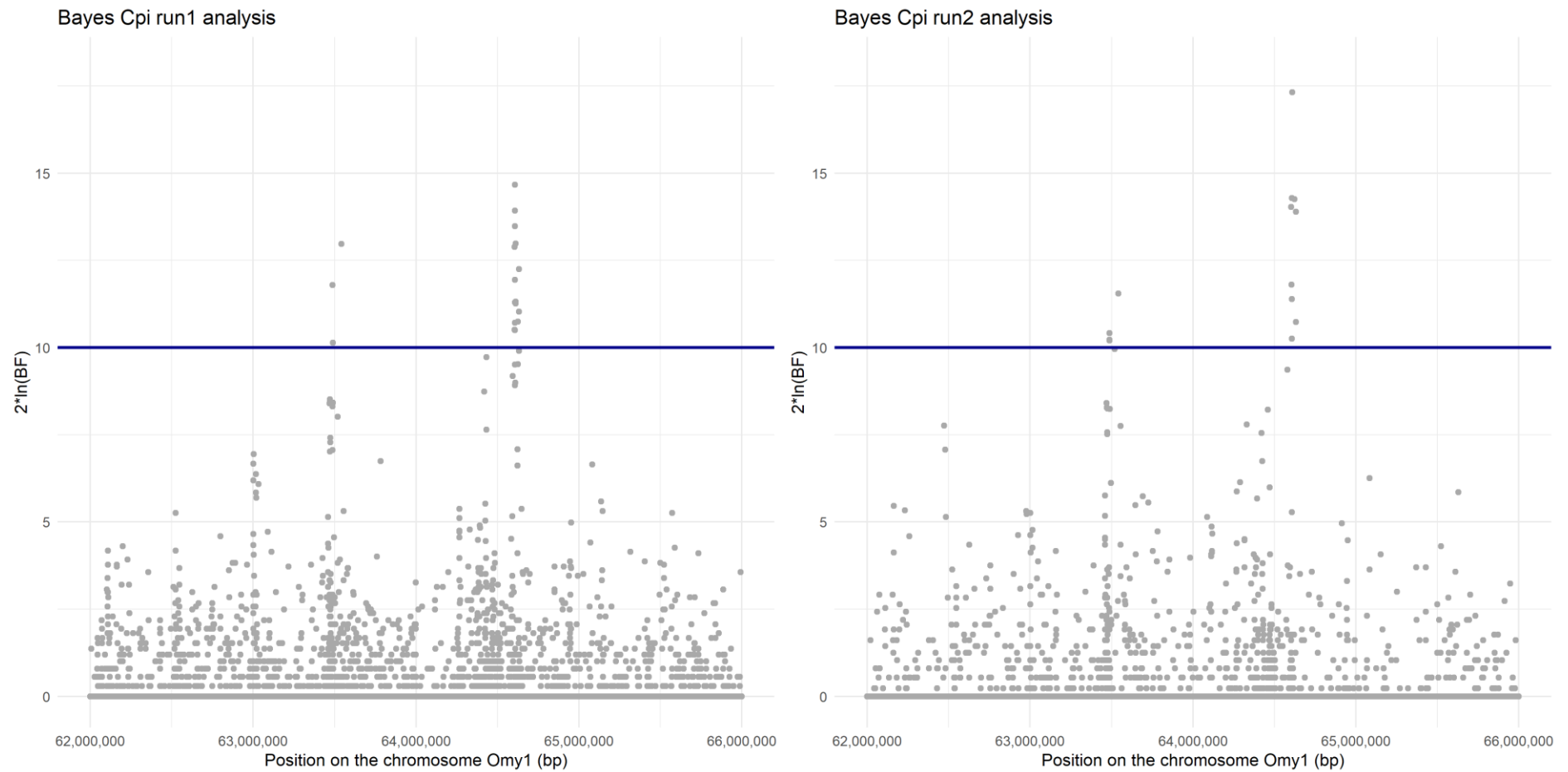
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Supplementary Figure S1. Photos of a) female, b) intersex and c) male gonads from phenotyped XX-female rainbow trout from “*Les Fils de Charles Murgat*” French trout farm.



Supplementary Figure S2. Manhattan plot for the GCTA-seq analysis for SNPs located between 62 and 66 Mb in the chromosome Omy1. The dark blue line is the 1% genome wide threshold estimated with Bonferroni correction.



Supplementary Figure S3. Manhattan plots for the two $\text{BC}\pi$ -seq analysis performed with two seeds.

The dark blue line correspond to the very strong evidence in favour of a QTL threshold. Bayes $\text{C}\pi$ run1 and run2 correspond to the outputs of the two seed to initiate the MCMC algorithm. BF = Bayes Factor