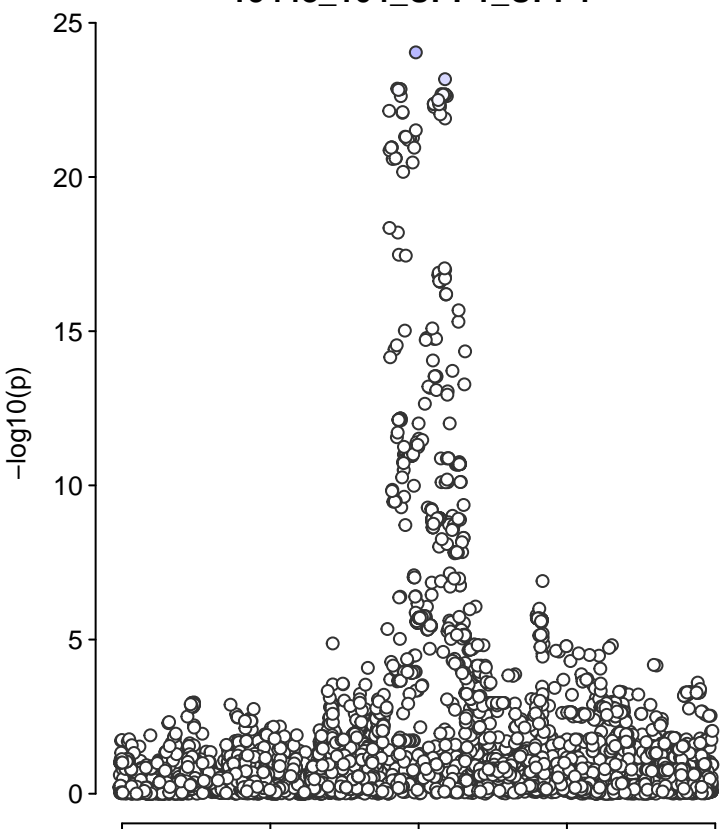
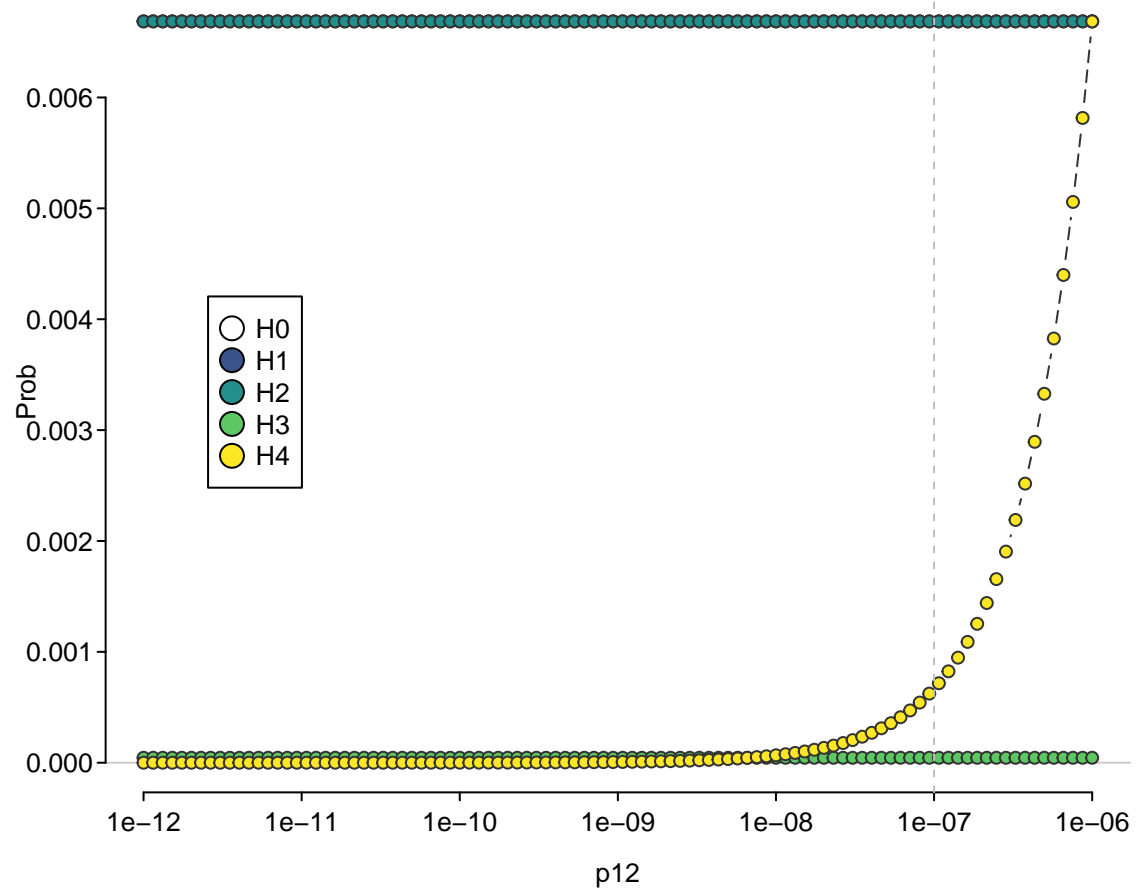


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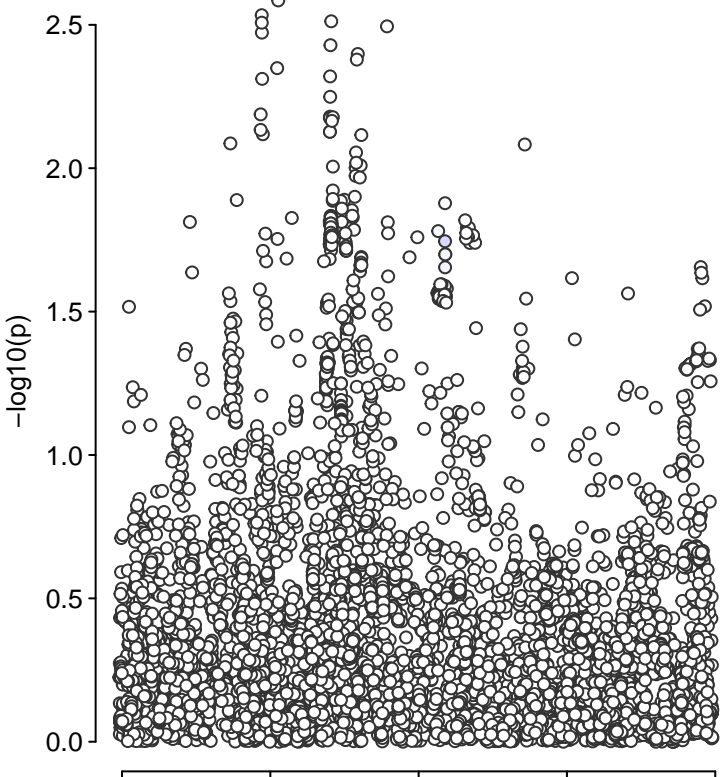


Chromosome position

Prior probabilities

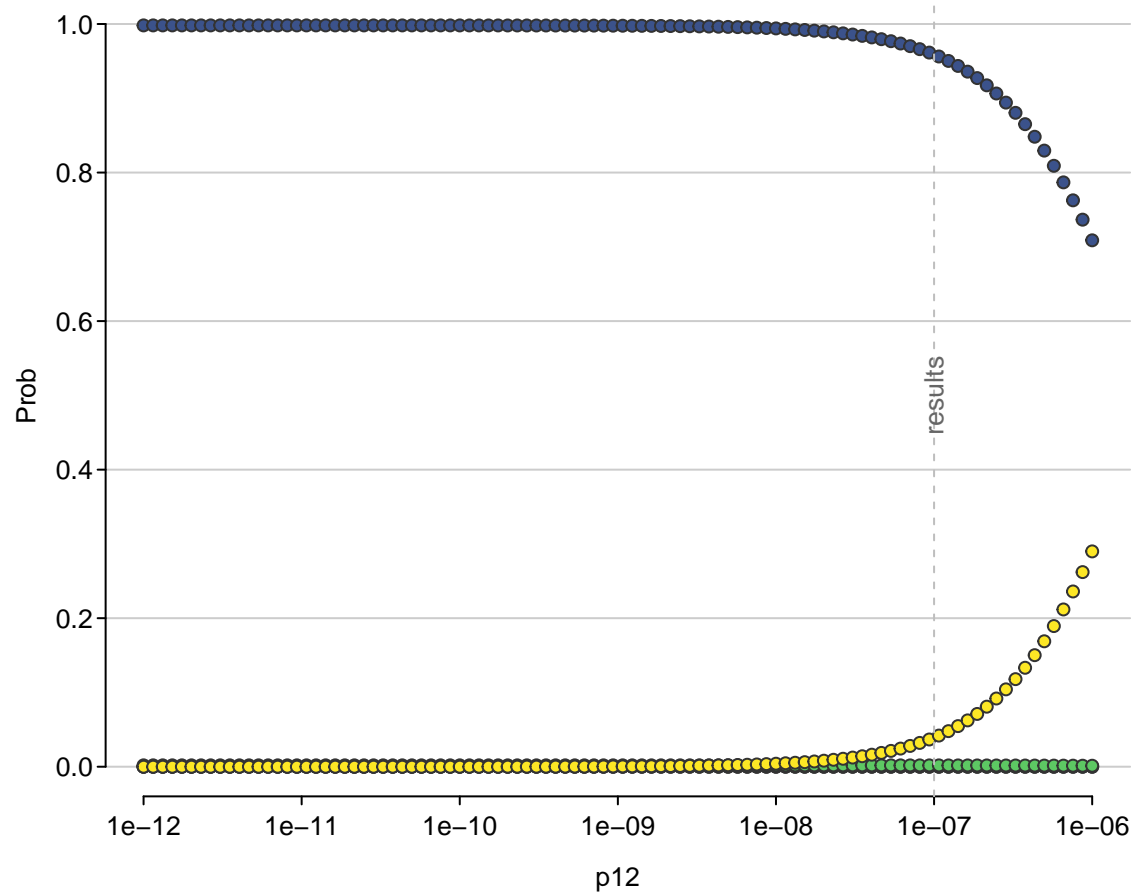
 $p_{12}$ 

joint\_colon\_male



Chromosome position

Posterior probabilities

 $p_{12}$