
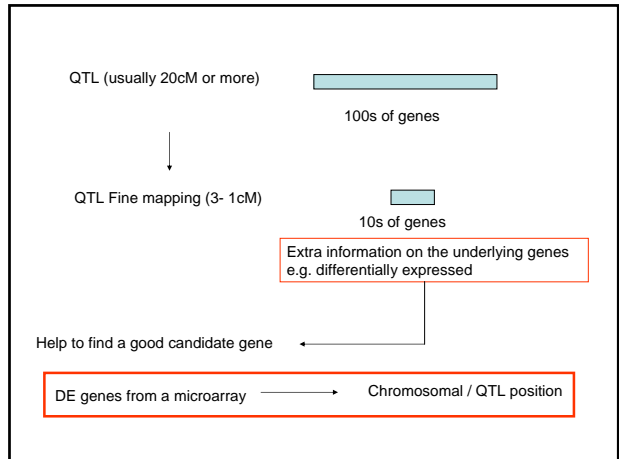


The missing link QTLs and microarrays

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238 DE pig genes with an Accession no

↓

Downloaded the sequences or related sequences from the Nucleotide database

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Blastn search using the pig genome database

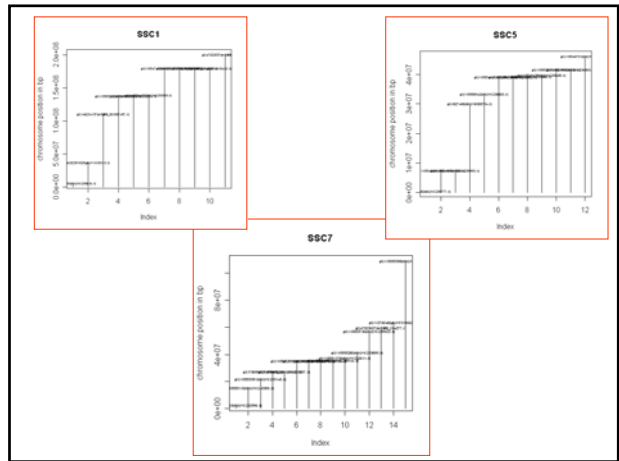
NOTE: not all chromosomes are present in the database
 (1,2,4,5,6,7,8,10,11,12,13,14,15,17,"X")

↓

151 genes mapped in total

QTL on chr 1 3 5 7 8 11 17 18 (Désautés et al. 2002)

Genes on chr 1 (11); 5 (12); 7 (15); 8 (2) 11 (2) 17 (10)



Conclusion

DE genes are spread over the different chromosomes

↓

Do not cluster to a specific location

Fine-map your QTL → Genes under your peak → Micro-array

Don't find any DE gene in your QTL region?
 micro-array analysis is complementary to QTL mapping

Thank you for your attention!