



eQTLs

Albert FM et al, Nat Rev Genet. 2015; 16(4):197-212.

C Local regulatory variation

Cis-regulatory
(allele-specific)



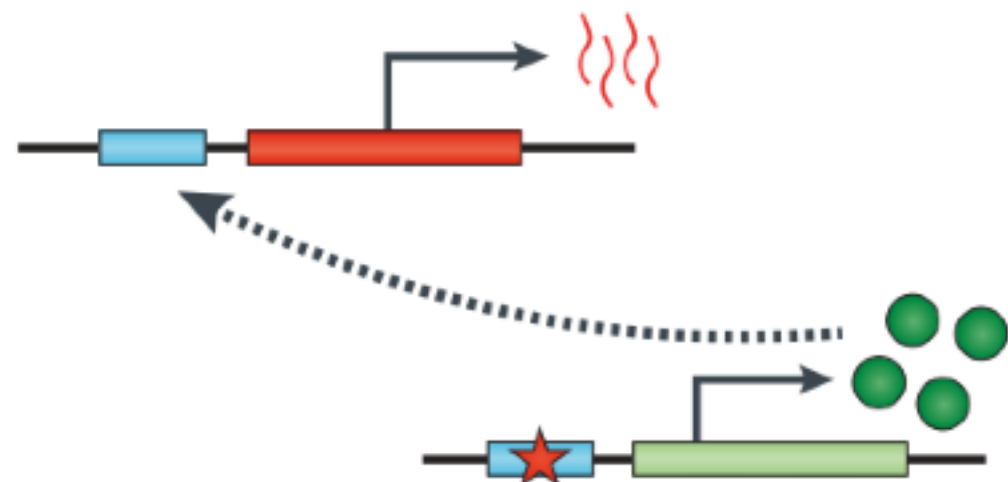
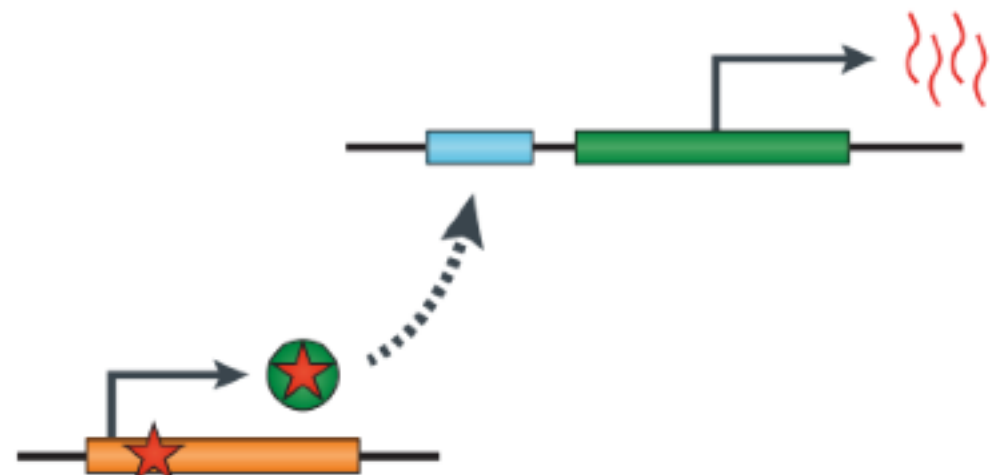
Neighbouring gene (*trans*)



Autoregulation (*trans*)



Distant regulatory variation



Hypotheses

1. There are significant local eQTLs within porcine innate immune genes.
2. Some eQTLs will be significantly more frequent within pigs diagnosed with an infectious disease as compared to normal, healthy control animals.

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