



Association analysis

- 298 eQTLs in 19 innate immune genes
 - of healthy animals.
- Are any of the significant eQTLs associated with infectious diseases?

Association analysis

- Genotyped using Sequenom MALDI-TOF mass spectrometry

Normal
n = 592

- Healthy
- Market weight
- Sourced at slaughter

Diseased
n = 421

Diseases

- Pneumonia
- Enteritis

Agents

- *E. coli*
- *Salmonella*
- APP
- *H. parasuis*

- Serositis
- Septicemia

- *Mycoplasma*
- *S. suis*
- Influenza
- PRRS
- PCV2

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