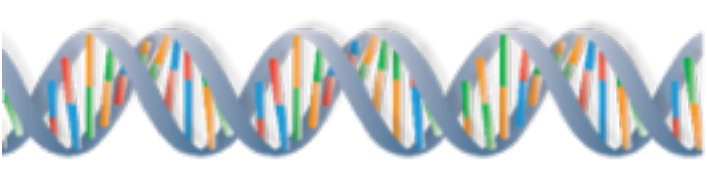






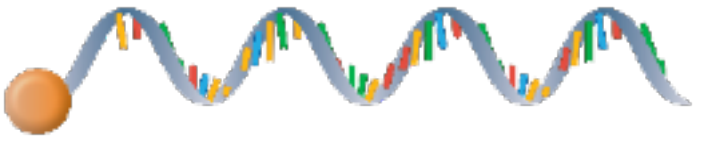


Experimental design







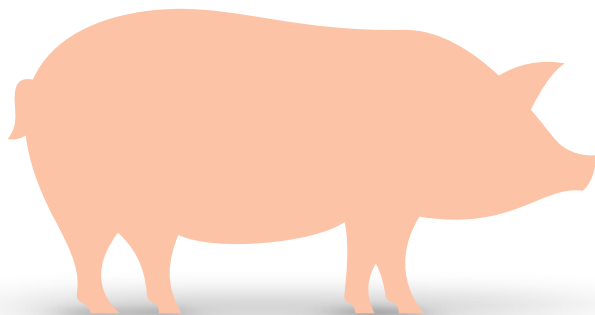


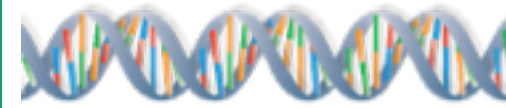
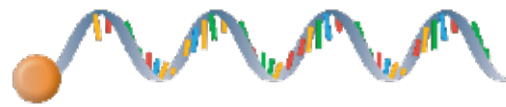
Population

- 1003 pigs
- Market weight
- Healthy

Samples

- Liver
 - DNA
 - RNA





Experiment 1: EXPRESSION

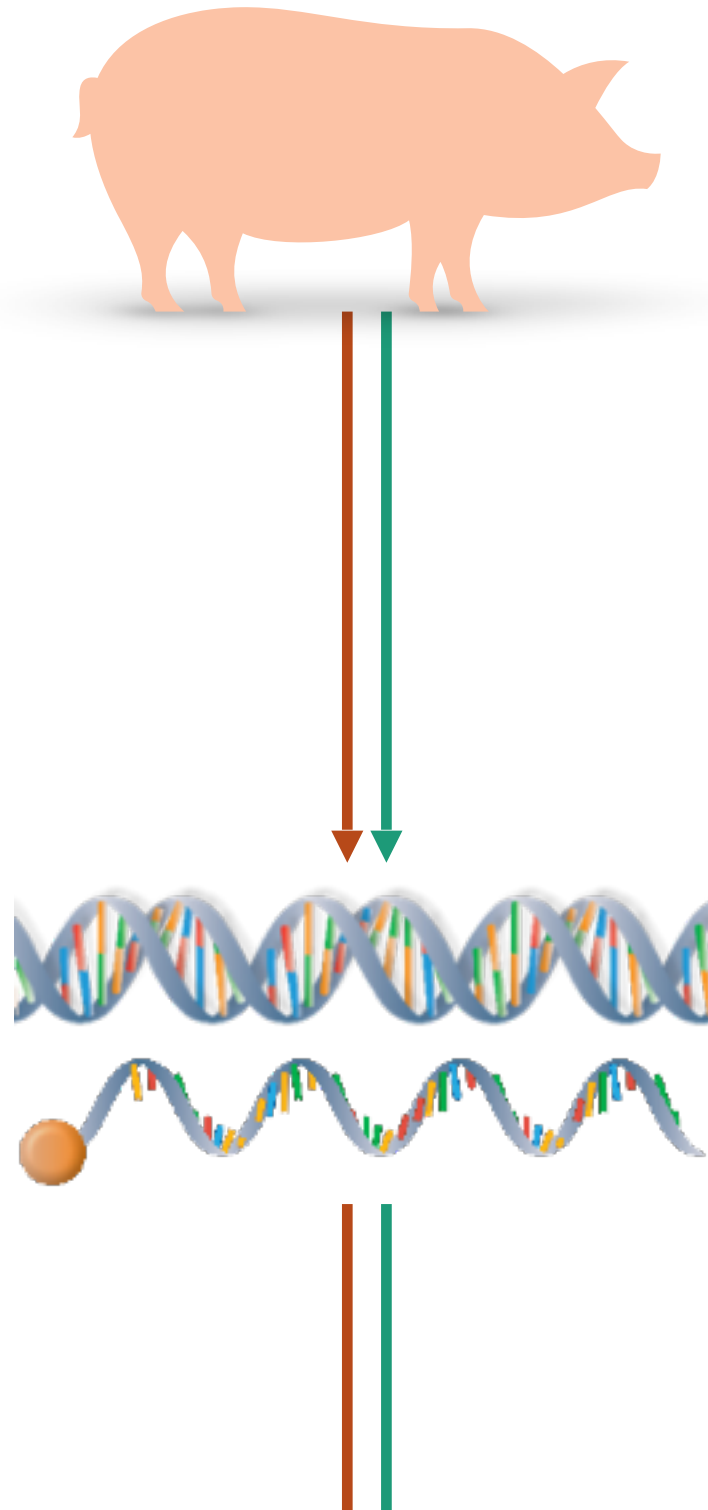
- Pilot: genotype 1003 pigs
- 89 genetically variable pigs
- Microarray

Experiment 2: MUTATIONS

- Identify genetic variation
- Top 72 most variable pigs
- Targeted, high throughput re-sequencing

eQTL Analysis

Experimental design



Population

- 1003 pigs
- Market weight
- Healthy

Samples

- Liver
 - DNA
 - RNA