Experiment 1: EXPRESSION

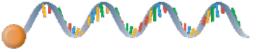
- Pilot: genotype 1003 pigs
- 89 genetically variable pigs
- Microarray

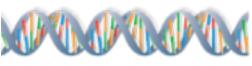
Experiment 2: MUTATIONS

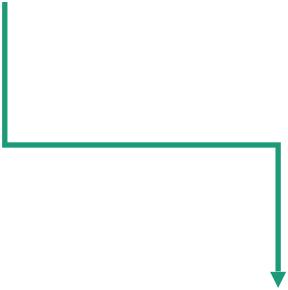
Identify genetic variation

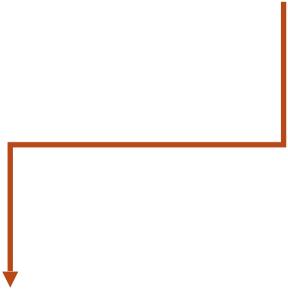
Top 72 most variable pigs

 Targeted, high throughput resequencing



























Pilot: genotype 1003 pigs

89 genetically variable pigs

Microarray

Experiment 1: EXPRESSION





Targeted, high throughput re-

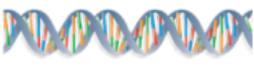
Identify genetic variation

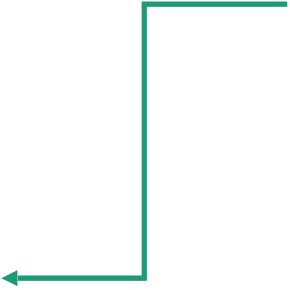
Top 72 most variable pigs

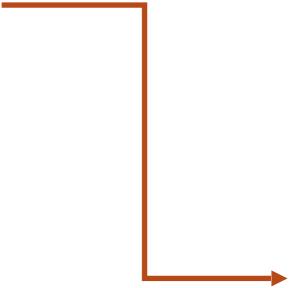
Experiment 2: MUTATIONS

Experiment 2: MUTATIONS

sequencing









eQTL Analysis





