Validate candidates -
Sustainability of insecticide-based control interventions

Phenotype resistance

Identify resistance-associated loci

Other approaches

Validate candidates -
Demonstrate causality

Translation into practical application

Sustainability of insecticide-based control interventions

Microarrays
- Candidate gene approaches
- No highly related sequences
- Analog signal; low abundance?
  - Basic data analysis packages
  - Low cost

NGS
- Exploratory, SNP information
- Not a priori spliced transcripts
- Digital quantification; low transcripts
- Sophisticated IT infrastructure
- High cost

Other approaches