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- storage requirements and computing power for analysis than by data generation
  - Like putting together a puzzle with millions of small pieces and no picture to tell you what it
  - Need to use computer to predict where genes are
  - o Identify mutations



# Uses of Sequencing Data

### 

- Are all included in the genome sequence
- Develop better marker panels in the future
- No need for additional DNA testing

### Genetic evaluation

- Information can be used in genetic evaluation
- Can also be used to augment DNA testing information for relatives
- Fill in the gaps (imputation)

Address early embryonic mortality by combo sequencing and DNA chips

## Data repository

- Each carrying ~8 recessive lethal mutations
  If issues do arise, already have the tools needed to solve the problem

# Questions?