### Selection of Recombinants

- Genetics: 2 generations, ~3 weeks
- DNA Preparation: 1 hour

### DNA Preparation

- Task: Single-fly DNA preparation in 96 well format

### Fine Mapping

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### Task

- PCR
- Capillary Electrophoresis
- Data Analysis

### Comment

- Further genotyping of most informative recombinants with intervening FLPs or SNPs
- Generation and genotyping of recombinants exhibiting more informative events in the critical region
- Complementation analysis using defined deletions from Drosodel and Exelixis

### Mapping of the Sub-Chromosomal Region

- Duration: 1 day
- 16, 24, 32, 48, or 96 DNAs are analysed with up to 12 assays each

### Further - Not Mutually Exclusive - Mapping Strategies

- Manual
- Semi-automated
- Further - not mutually exclusive - mapping strategies