

**BIOG 104 Evaluation Form for Summary of
Sordaria Genetics Study – 1st Draft**

Name: _____

Score: _____ / 100

Introduction and General Methods

(/18)

Introduction including purposes of the study,
and the scientific name (binomial) of the research organism.
General methodology discussed

Gene Mapping (for both Gray and Tan Spore Genes)

(/22)

Phenotypes and genotypes of strains used in each cross
Data summary
Estimated gene-centromere map distances for each gene

Evaluation of Linked vs. Unlinked Models

(/35)

Phenotypes and genotypes of strains used in the cross
Ascus types including definition of any abbreviations
Data summary
Explanation of model predictions (for both models)
Conclusions from X^2 test of the **unlinked model**

Give alpha level

Do not include calculations, test statistic or tabular statistic

Conclusions from X^2 test of the **linked model**

Give alpha level

Do not include calculations, test statistic or tabular statistic

Interpretation

(/5)

Conclusions regarding linked vs. unlinked explained

Overall

(/20)

Well-organized, clear and concise

Format (12 point type, double spaced, headings delineated from text etc.)

Other (e.g. references cited if necessary, length, grammar, spelling, accuracy etc.)

