

Drosophila Genetics Worksheet – Monohybrid Cross

Name:

Mutant # you are reporting on:

Name of mutant:

Parental Generation : wild type X _____

F1

counted : _____

Phenotype(s) and numbers:

F2

counted : _____

Phenotype(s) and numbers:

Is this your data? _____ If not, whose data are you reporting? _____

If this is not your data, describe what happened to your flies, and at what stage it happened. What do you think went “wrong” and what would you suggest if we were to do it again?

Using Flybase (www.flybase.org), find out the following:

What is the official (complete) symbol for your mutation?

On what chromosome and what arm is it located?

What is the “feature type” of this mutation?