

Bio Final Review

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1 General Information

For this, see the google doc.

2 Genetics

2.1 Sex-linked genes

These are genes located on the sex chromosomes. They will show different phenotype frequencies based on gender.

- (1) Gene A is on the X chromosome. A is the wild type, and a is the diseased type.

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2.2 Pedigrees

2.3 Genetic Disorders – Sickle Cell, Cystic Fibrosis, Huntington's

2.4 Nondisjunction

2.5 Recombinant DNA – Restriction Enzymes, Ligase, Electrophoresis, GFP, PCR, Selectable Markers, Screens, Plasmids, Transformations

2.6 Selective Breeding – Hybridization vs Inbreeding

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