Genetics is the scientific study of heredity and the variation of inherited characteristics. It includes the study of genes, themselves, how they function, interact, and produce the visible and measurable characteristics we see in individuals and populations of species as they change from one generation to the next, over time, and in different environments.
6: Genetic Analysis of Multiple Genes

7: Linkage and Mapping

8: Techniques of Molecular Genetics

9: Changes in Chromosome Number and Structure
10: Molecular Markers and Quantitative Traits

11: Genomics and Systems Biology

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