

Remember, everything on the lecture slides and the accompanying notes is potentially examinable!

FRST302: Forest Genetics

Lecture 1.1: Classical Genetics and its Molecular Mechanisms

What are the major genetic questions in biology?

The answer to this question totally depends on your perspective. However, I think that it is more than fair to say that the following questions are at the heart of most biological science:

- Why is there so much variation among individuals?
- How is this variation maintained in populations?
- Why do offspring tend to resemble their parents?

Learning Outcomes

Remember! All the material in the lecture slides and the notes are potentially going to end up in the exam

- Basic definitions in genetics
- Principles and terms in classical genetics
- Molecular mechanisms of classical genetics
- Chromosome crossover and its significance

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