

BIO 8655: Recombinant Gene Technology

Fundamental methods of analysis most commonly used in modern molecular biology: bacterial and phage vectors, gene cloning, DNA and RNA preparation and analysis, screening of recombinant libraries, polymerase chain reaction, protein expression and in situ hybridization. Theoretical underpinning and application to contemporary research problems. Prerequisites: Organic chemistry and undergraduate genetics.

Credits: 4.0

Program: [Biology](#)