

Lab 3

DNA purification, ligation, and transformation

Learning Outcomes:

- Understand how DNA ligation works and be able to calculate concentrations and volumes required for optimum performance.
- Understand the principles of bacterial transformation and be able to perform them.
- Be able to create hypothesis from scientific questions.

Timeline:

1:00pm – 2:00pm	Purification of the digestion GFP amplicon and pCU19/pBR322 vectors (exercise 3.1)
2:00pm – 2:45pm	Measurement of DNA concentrations and preparation of ligations (exercise 3.2)
2:45pm – 3:15pm	Lesson on ligation
3:15pm – 6:50pm	Bacterial transformation (exercise 3.3)
3:30pm – 4:00pm	Break
4:15pm – 5:00pm	Lesson on transformations
6:00pm – 6:50pm	Lesson on hypotheses and time to work on homework

Ligation Transformation Manual

Michael Brown



Ligation Transformation Manual:

Ligation Transformation Manual Book Review: Unveiling the Power of Words

In a global driven by information and connectivity, the energy of words has be evident than ever. They have the capacity to inspire, provoke, and ignite change. Such could be the essence of the book **Ligation Transformation Manual**, a literary masterpiece that delves deep in to the significance of words and their affect our lives. Published by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we will explore the book is key themes, examine its writing style, and analyze its overall impact on readers.

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