

113 Lab Learning Objectives

Week 3: synthetic lab #2

Learning Objectives for Promoter Discovery

Skills

- Use NCBI to find promoter sequence of interest.
- Employ Oligator to produce oligos for construction of promoter

Cognitive

- Employ a scientific approach to answering biological questions and test hypotheses.
- Analyze experimental data and reach logical conclusions.
- Review the information contained within promoters.
- Describe how golden gate assembly works.
- Demonstrate how to find DNA sequences from online resources.