**Week 12: Communicate Scientific Findings**

Learning Objectives for Promoter Discovery

*Skills*

* Execute core molecular biology methods
* Propose explanations for complex biological data
* Design experiments with appropriate controls

*Cognitive*

* Revise experimental design based on preliminary data
* Analyze quantitative data and generate meaningful visualization of the data
* Communicate complicated data and concepts clearly in verbal, written and graphic formats

**Pre-Lab**

Continue working on your final, solo-authored, lab report. You are allowed to share figures generated collectively by your group. However, you can modify those figures as well as produce new figures to improve your final lab report. The writing is not a collaborative effort and should be done individually by everyone in the lab.

**Information: Quantify Phenotype and Start Genotyping**

In Lab

You are allowed to ask your instructor for help if you need it. You will have ample time in lab to work on your report. It does not have to be completed today, but you should make substantial progress. The report is due at the end of next week’s lab period.