

Name: \_\_\_\_\_ EID: \_\_\_\_\_

## Topic: The Registry of Standard Biological Parts (Week 3)

Pre-discussion questions. Answer briefly. Use only the space provided.

- 1) Examine the wintergreen odor generator part page ([http://parts.igem.org/Part:BBa\\_J45120](http://parts.igem.org/Part:BBa_J45120)). This system includes of several subparts that are needed to produce an enzyme. Fill in the table below with information about them.

Subpart #	Type of Part	Name of Part	General Function of this Type of Part

- 2) From Figure 3 of [Canton2008] choose ONE of these panels: **Static Performance**, **Dynamic Performance**, **Part Compatibility**, or **Reliability**. Briefly explain what property of the part is being profiled in that panel and how it is experimentally measured (e.g., in what units).

Panel: \_\_\_\_\_

- 3) Follow one of the links in the Registry catalog page under **Browse parts and devices by function** (<http://parts.igem.org/Catalog>). Find a part that has documentation that it functions as designs. Briefly describe the function and how it was measured.

Category: \_\_\_\_\_ Part Number: \_\_\_\_\_

Function: \_\_\_\_\_

How it was dested/demonstrated: