

Bio 111 Pre-Lab for Lab #12: Name _____
GFP II: Transformation TA & Sect. _____

1) Watch the “pre-lab video” for this lab on the On-Line-Lab Manual and, in your own words, give your two main ‘takeaways’ from the video. Since different people will have different ‘take home messages’, we are not looking for any specific responses. So, as long as it is clear that you gave it some serious thought, we will grade your answers generously.

2) The lab manual talks a lot about pGLO.

a) What is pGLO made of? DNA? Protein? Something else? State the type(s) of molecules and explain your reasoning.

b) Would you expect molecules of pGLO to fluoresce in ultraviolet light? State “yes” or “no” and explain your reasoning

3) On the back of this sheet, give 3 to 5 short (~1 sentence each) bullet points describing, *in your own words*, what you will be doing in the lab today. There are a wide range of full-credit answers here; we will grade this as a 1-point check off.

