

## **Genetics Day 5 Interpretation Questions**

1. During the GEN 4 Interpretations, you explained the advantages of using either high or low MOIs during different experiments. Today, during the P1 transduction, did you want a high or low MOI and why?
2. You infected KBS1 with your P1 lysates in lab today. If our reagents were working correctly, you would have also infected C600. Explain what we were trying to accomplish by infecting each strain with our P1 lysates, including the key phenotypes that each strain must have to make the experiments work.
3. In haste, the TAs accidentally aliquoted out the pNK/KBS1 strain used on Day 2, rather than the KBS1 strain. Why would this present a problem in the experiment?