**Deeper/Comparative Questions**

**Group 1**

1. What other phage(s) is it most similar to? How closely related is it? What is its span-length match?
2. How do the genomes in this announcement relate to each other? To previously published genomes of the same cluster? What is shared? What is different?
3. What proportion of the genes were assigned functions?
4. How is the genome organized? Are the virion structure and assembly genes organized canonically? Are all genes transcribed in the same direction?
5. Are there non-structural genes located in the left arm?
6. Where is the lysis cassette? How many lysis genes and are they co-localized?
7. Is it temperate? If so, does the phage integrate? If so, where (can you find the attP site)?
8. Can you predict homo-immunity?