**Cover sheet for Phage LilHazelnut**

**Areas of the genome that deserve more attention**

Genes 53 and 54: Gene 53 in LilHazelnut pulls up homologous genes in a couple of phages. Giles and Kinbote don’t have this very small gene, though. We thought that 53 and 54 might be one gene, but it doesn’t look like they are. We thought about deleting 53, but the evidence suggested we might want to leave it. Leaving it vs. deleting it was a toss-up in my opinion. I left it but would appreciate someone else looking it over as well.

Gene 31: This small gene is conserved in Kinbote but not in Giles. It’s also only in a Pham of 3, so we are not sure if this is a real gene.