**Cover sheet for Phage Donny**

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

131 bp gap between genes 47 and 48: Although this area of Baee and Acadian encodes for LysB, a blastx of the DNA sequence between genes 47 and 48 in Donny did not return any hits (“no similarity found”). Thus, we believe that this region doesn’t encode for a gene.

230 bp gap between genes 71 and 72: This gap is conserved in Acadian, which has a truncated version of gene 72 when compared to Baee. Donny also has the truncated version of gene 72. This truncation creates a gap between genes 71 and 72.