Arthrophage Caterpillar Gene Summary

Baylor University 2017

Total Genes: 88

Joshua Baker, Thomas Eckenrode, Haley Everroad, Jake Hanna, Alec Ingros, Noah Patton, Madison Powell, Andrea Springman

Phage Name: Caterpillar

Your Name: Tamarah Adair

Your Institution: Baylor University

Your email: Tamarah\_Adair@baylor.edu

Describe any issues or specific genes that you were unable to satisfactorily resolve, and warrant further inspection in the Quality Control review.

* We are unsure what to call the endolysin of this phage, since the general endolysin function is not on the approved list.

There are several large gaps that do not have strong evidence for an ORF.

* Between genes 1 and 2 exists a 478 bp gap.
* Between genes 36 and 37 exists a 419 bp gap.
* Between genes 40 and 41 exists a 202 bp gap.
* Between Gene 84 and Gene 85 exists a 432 bp gap.