## **Genome Annotation Submission Cover Sheet**

## Pre-SM\*ART QC Phage Genome Annotation Checklist

Phage Name:		Name	
Your Name:		lame:	Deborah Tobiason
Your Institution:		nstituti	on: Carthage College
Your email:		mail:	dtobiason@carthage.edu
		onal en orrespo	nails: ndence)
Pl	ease	e check	k each box indicating completion of each task.
////////	2. 3. 4. 5. 6. 7. 8.	same Are a Have numb Have Are th Has th Have Has th	all old BLAST hits been cleared, and all gene features reBLASTed? ne locus tags the "SEA_ PHAGENAME"? ne Documentation been recreated to match the information in the feature table? tRNA ends been adjusted with web-based Aragorn and/or tRNAscan SE? ne frameshift in the tail assembly chaperone been annotated (where applicable?)
	9.	, 5	
		YourF	PhageName_CompleteNotes.dnam5 file:
/////		b.	Have any duplicate genes (or any with the same stop coordinate?) been removed? Does every gene have <b>one and only one</b> complete set of Notes Do the functions in the Notes match the official function list? Are all three lines of functional evidence described for EVERY gene?
/		e.	Do the notes contain the initial Glimmer/GeneMark data from the autoannotation?
////			the YourPhageName .dnam5 file: Have any duplicate genes (or any with the same stop coordinate?) been removed? Is the Notes field empty for all the features with no known function (including hidden marks?
		C.	Do the function names in the Notes match the official function list?

9. Did you use PECAAN to annotate your phage?

d. Is the function field EMPTY for all features?

- a. If, so please describe how in the text field after question 10.
- 10. Describe any issues or specific genes that you were unable to satisfactorily resolve, and warrant further inspection in the Quality Control review.

Older annotation done in 2016 so missing starterator.