## **Genome Annotation Submission Cover Sheet**

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

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Phage Name: Your Name:			: Surely Deborah Tobiason		
Your Institution:			on: Carthage College		
Your email:			dtobiason@carthage.edu		
		nal en orrespo	nails: ndence)		
Ple	ease	check	each box indicating completion of each task.		
/		same Are al Have	oes the genome sequence in your final contain the same number of bases and is it the ame as the posted sequence on phagesdb.org? re all the genes "valid" when you click the "validate" button? ave the genes been renumbered such that they go sequentially from 1 to the highest		
/		_			
	7. 8.	,			
	9.	For th	e items below, generate a genome profile, and review the following. For the		
		YourF	hageName_CompleteNotes.dnam5 file:		
<b>/ / / /</b>		b. c.	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?		
<b>/</b>		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 hidder marks?		

- c. Do the function names in the Notes match the official function list?
- d. Is the function field EMPTY for all features?
- 9. Did you use PECAAN to annotate your phage?
  - 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.

Actually revisited and included starterator and up-to-date function names