

Pathogen outbreak study - Pseudomonas single isolate WGS - Feature #69

Implement/adapt Tychus Nextflow pipeline

01/31/2019 05:16 PM - Katie Lennard

Status:	New	Start date:	01/31/2019
Priority:	High	Due date:	
Assignee:	Katie Lennard	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	97.00 hours
Description A nextflow pipeline, Tychus, was identified for use with this project.			
To do: • Convert pipeline docker images to Singularity images for use on the UCT cluster/ ILIFU • Adapt pipeline config files to successfully run on the relevant cluster • Identify suitable reference genome for use with the 'alignment module' (fasta formatted) • Specify antimicrobial resistance database for use with the 'alignment module' (fasta formatted) • Specify virulence database for use with the 'alignment module' (fasta formatted) • Specify plasmid database for use with the 'alignment module' (fasta formatted)			