BabyRay Coversheet

BabyRay\_23

Some uncertainty regarding start choice for BabyRay gp23(tail assembly chaperone). Two possible start choices 14943 or 14877. Either choice gives 1:1 matches with previously annotated phages. Went with the shorter ORF as other phages such as Quinnkiro gp23 is a 1:1 match with selected start (14943) for BabyRay and this is the longest ORF in QuinnKiro. To note: the alternate start choice (14877) has higher SD score of 714.

BabyRay\_68

Function listed as NKF but some uncertainty as HHpred indicates match to *M. tuberculosis* RNA polymerase sigma C factor prob 84.5.

BabyRay\_78

Function listed as NKF but Blastp-N shows match to Phantastic RDF protein Score 203, Query 100%, E 8e-58, Ident 74%