Phage Name: Darwin

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Issues or Concerns for QC Reviewers:

* All genes were checked for function using NCBI BlastP, BLAST via phagesdb.org, and HHpred
* The following genes are very small and were considered for deletion but were retained in the final annotation because they filled the gap and in some cases there was coding potential:
  + - 6697-6756 (Forward)
    - 42,616 – 42,750 (Reverse)
* The forward genes 6015-6593 and 7286-7858 were called as HNH endonucleases with some concern due to a low e-value in HHpred. Gene 6857-7273 also suggested to be an HNH endonuclease but the P1201 annotation (not a SEA-PHAGES member phage) called a putative small terminase.
* Gene 43,795-44,559 (Reverse) may be an AAA-ATPase. We left it as NKF because we did not feel the evidence for the function was compelling enough to make the call.