May 25, 2017

Phage StepMih

50,841 Base pairs

95 Genes

Gene 1 was removed due to its non-functionality at the very beginning of the genome. Little coding potential and no other BLAST hits.

Gene 2, a reverse gene, was removed due to its positioning between two forward genes at the very beginning of the genome. There was little coding potential for it and was only called by one other BLAST hit.

Gene 24 was altered to contain a frameshift.

Gene 25 was altered to contain a frameshift.

Gene 78 was added to reduce a large gap between gene 77 and gene 79. There was coding potential for it and it received to blast hits from the NCBI database.