

Table S1. The overview of general features of bacteriophages genomes.

Phage	GeneBank Accession	Host strain	Genome length (bp)	G+C content (%)	ORFs	tRNA genes	Lifestyle	Taxonomy	Core genes shared with representative of genera
BF9	MW822006	<i>E. coli</i> B19	44,963	54,5	58	0	lytic	<i>Dhillonvirus</i>	47 HK578 (JQ086375)
BF15	MW822007	<i>E. coli</i> B39	167,801	35,4	267	8	lytic	<i>Tequatrovirus</i>	241 T4 (NC_000866)
BF17	MW822008	<i>E. coli</i> B73	383,493	35,4	660	6	lytic	<i>Asteriusvirus</i>	569 PBECO4 (KC295538)