

Bas25 1:58342(+) Hoc-like head decoration L-glutamine-D-fructose-6-phospha	single strand DNA binding protein nate aminotransferase dUTPase endolysin		
membrane protein tail fiber protein	Rnase Ĥ protease Rz-like spanin ↑ holin		,
tail fiber protein		/	ŗ
ead maturation protease collar tail protein for L-shaped tail fibre attachment base plate tail tube protein SbcC-like subunit of palindrome s		endonuclease nicking abasic sites generated by host uracil glycosylase Ung	ŗ
terminase large subunit RusA-like Holliday junction re head-tail adaptor HNH endonuclease	resolvase DnaB-like replicative helicase Sir2 (NAD-dependent deacetylase) se transcriptional regulator idonuclease transcriptional regulator PhoH-like phosphate starvation-indu DNA primase DNA binding protein tail length tape measure protei DNA polymerase replication origin binding dihydrofolate	anti-termination protein Q-like deoxynucleoside monophosphate kinase receptor binding tail protein ATP-dependent protease DNA binding protein	,
tail proteintail terminator central tail fiber J tail fiber protein Bas33 1:111607(+) KKKKK	DNA helicase helicase homing endonuclease	Rnase H I lipoprotein T Rz-like spanin holin phosphoesterase DNA transfer protein WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	,
endonuclease tail fiber protein tail protein endonuclease tail protein Bas32 1:112239(+)	<mark>aaka kaana ka ka ka ka ku </mark>		ŗ
tail fiber protein tail fiber protein Bas31 1:113532(+) collar tail protein for L-shaped tail fibre attachment	HNH endonuclease		ŗ
collar tail protein for L-shaped tail fibre attachment tail fiber protein tail fiber protein tail fiber protein	tail length tape measure protein		
endonuclease tail protein	Sir2 (NAD-dependent deacetylase) ribonucleotide reductase large s endonuclease	ge subunit homing endonuclease holin HNH endonuclease holin HNH HNH HNH HNH HNH HNH HNH HNH HNH HNH	ŗ
tail fiber protein tail fiber protein		PnuC-like nicotinamide mononucleotide transport nicotinamide-nucleotide adenylyltransferase tail fiber protein HNH endonuclease Rz-like spanin	
Bas26 1:114196(+)	KKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK		
Bas28 1:115446(+) structural protein with Ig domain	KK <mark>KKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK</mark>		
Bas29 1:110821(+) endonuclease endonuclease	<u>EKEKKKAMAN KANA</u> MAN		
Bas30 1:114488(+) tail fiber protein HNH end			
Bas27 1:114179(+)	<u>IKAKE KE KEKEKKEMIKIKAN IMAGIKAN DI INDID</u>	nucleoside triphosphate pyrophosphohydrolase otA-like activator of middle period transcription	
minor head protein inhibitor of protease UvsY-like recombination mediator baseplate hub subunit and tail length baseplate hub_distal subunit	hinge connector of long tail fib late promoter transcriptional regulator	Ndd-like nucleoid disruption protein Mrh transcription modulator under heat shock SbcC-like subunit of palindrome specific endonuclease fiber protein distal connector fiber protein connector deoxynucleoside monophosphate kinase baseplate hub subunit and tail lysozyme baseplate hub subunit and tail lysozyme base	
head maturation protease baseplate wedge subunit Hoc-like head decoration Alt-like RNA polymerase ADP-ribos head scaffolding protein homing endonuclease ATP-depend head scaffolding protein unknown function	RNA ligase and tail fiber protein attachment catalyst / long tail fiber protein pro- single strand DNA binding protein i i osyltransferase inhibitor of host transcription / long tail fiber ident DNA ligase / dihydrofolate reductase / long tail fiber head morphogenesis homing endonuclease transcriptional regulator polynucleotide kinase DNA helicase loader unknown function / unknown function	outer membrane protein unknown function unknown function unknown function internal virion protein inte	se small subunit
terminase large subunit DNA helicase baseplate tail tube cap major head protein baseplate hub portal protein baseplate hub baseplate hub tail tube major head protein baseplate hub unk tail sheath prohead RNA ligase DNA helicase tail tube	dCMP deaminase unknown function tail fiber protein proximal sut nknown function	DNA topoisomerase II unknown function decoy of host sigma 32 immunity to superinfection head-tail adapted unknown function unknown function DNA end protector baseplate wedge subunit tail sheat synthase unknown function branching interview function head-tail adapted unknown function head-tail adapted unknown function head-tail adapted	n isker sure Hc2
Bas44 1:166773(+) Hoc-like head decoration Hoc-like head decoration			
Bas39 1:169509(+) Hoc-like head decoration			
Bas40 1:164714(+) Hoc-like head decoration Hoc-like head decoration Hoc-like head decoration Hoc-like head decoration			A
Bas42 1:168255(+)	ribonucleotide reductase class la beta subunit aerobic NDP reductase small subunit intron-like DNA endonuclease		
Bas45 1:170053(+)		Ndd-like nucleoid disruption protein anti-restriction nuclease Ndd-like nucleoid disruption protein virion structural protein homing endonuclease	
homing endonuclease	thymidylate synthase thymidylate synthase		
Bas36 1:167732(+)			
	homing endonuclease thymidylate synthase homing endonuclease		
Bas37 1:167832(+)	aerobic NDP reductase small subunit inhibitor of host transcription inhibitor of host transcription		
Bas35 1:166861(+)			<i>PDP</i>
homing endonuclease	ribonucleotide reductase class la beta subunit aerobic NDP reductase small subunit intron-like DNA endonuclease homing endonuclease	homing endonuclease HNH endonuclease T homing endonuclease RNA ligase RNA ligase homing endonuclease D D XWKKKK KKKKKKKKKKKKKKKKKKKKKKKKKKKKK	X
Hoc-like head decoration Hoc-like head decoration homing endonuclease DNA helicase		ong tail fiber <u>protein distal subunit DNA topoisomerase II</u>	
homing endonuclease DA helicase T6 1:168706(+)	homing endonucleasethymidylate synthase long homing endonuclease	unknown function unknown function homing endonuclease homing endonucle	gendonuclease
Hoc-like head decoration Hoc-like head decoration Hoc-like head decoration		BNA methyltransferase homing endonuclease unknown function unknown function DNA methyltransferase homing endonuclease unknown function unknown function	
	ribonucleotide reductase class la beta subunit aerobic NDP reductase small subunit thymidylate synthase homing endonuclease thymidylate synthase	FmdB-like transcriptional regulator NrdD-like anaerobic ribonucleotide reductase large subunit DNA topoisomerase II NrdD-like anaerobic ribonucleoside reductase large subunit homing endonuclease DNA methyltransferase DNA topoisomerase II homing endonuclease beta-glucosyltransferase homing endonuclease botta beta-glucosyltransferase botta homing endonuclease botta beta-glucosyltransferase botta homing endonuclease botta beta-glucosyltransferase botta botta botta botta <td></td>	
homing endonuclease	thymidylate synthase homing endonuclease homing endonuclease KKWKWKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK		
prohead phospho-2		arabinose 5-phosphate isomerase phosphoheptose isomerase thymidylate kinase unknown function_membrane protein_internal virion protein inti-restriction nuclease Mrh transcription modulator under heat shock peptidase RNA polymerase binding unknown function belicase loader internal head protein belicase loader belicase be	
A A A A A A A A A A A A A A A A A A A		arabinose 5-phosphate isomerase phosphoheptose isomerase inhibitor of host Lon protease	<u>(KKKK</u>
Bas46 1:169031(+)	2-dehydro-3-deoxyheptonate aldolase anti-re	thymidylate kinase i-restriction nuclease Mrh transcription modulator under heat shock peptidase RNA polymerase binding unknown function helicase loader internal head protein homing endonuclease head closure	ACCE
tail length tape measure protein tail completion or Neck1 protein tail length tape measure protein tail length tape measure protein virion structural protein Erf-like ssDNA annealing protein			
head maturation protease membrane associated protein terminase large subunit transcriptional regula head morphogenesis minor tail protein DNA methy head closure Hc1 minor tail protein DNA methy	hyltransferase rrepai <u>r ex</u> onuclease		
major head protein minor tail protein single strand DNA binding protein major tail protein tail protein exonuclease VIII tail terminator tail protein DNA primase	RZ-like spanin DNA helicase holin HNH endonuclease		
tail length tape measure protein outer membrane protein membrane associated protein tail fiber protein			
Bas04 1:51777(+) tail length tape measure protein			
Bas06 1:51474(+) outer membrane protein	polynucleotide kinase		
Bas07 1:51129(+)			
Bas10 1:49911(+) tail length tape measure protein			
outer membrane protein			
Bas08 1:50731(+) tail length tape measure protein			
Bas12 1:49298(+)			
Bas13 1:50192(+) tail length tape measure protein membrane associated protein tail completion or Neck1 protein outer membrane protein			
virion structural protein virion structural protein <u>tail fiber protein</u> Bas03 1:47731(+)			
Bas02 1:47149(+) head decoration head closure Hc1 anti-repressor	holin HNH endonuclease		
tail fiber protein tail completion or Neck1 protein tail fiber p Bas01 1:50126(+)			
Gp2.5-like ssDNA binding tail completion or Neck1 protein Lar-like restriction allev head scaffolding protein DNA methyltransferase head-tail adaptor Ad1 polynucleotide kinase head morthogeneric full length tane measure protein HNL endonucleote	ng prot <u>ein</u> and ssDNA annealing protein eviation protein		

DNA, RNA and nucleotide metabolism connector head and packaging integration and excision lysis moron, auxiliary metabolic gene and host takeover other tail transcription regulation unknown function

tail fiber protein
Bas17 1:43104(+)
NinB/ Orf homologous recombination mediator NinG/ Rap DNA junction specific endonuclease phosphoadenosine phosphosulfate reductase Kil protein for bacterial septation inhibition RecT-like ssDNA annealing protein
DNA packaging chaperone FI gam-like host nuclease inhibitor head-tail adaptor Ad1 SieB superinfection exclusion terminase large subunit RexB-like exclusion protein head closure Hc1 DksA-like zinc-finger protein head decoration minor tail protein head decoration HNH endonuclease unknown function Nonvariation portal protein tail fiber protein exclusion protein RexA-like exclusion protein head decoration HNH endonuclease unknown function Nonvariation portal protein tail fiber protein exclusion protein RexA-like exclusion protein head decoration tail fiber protein exclusion protein RexA-like exclusion protein head decoration tail fiber protein exclusion protein Rz-like espanin head protein integrase exonuclease replication initiation O-like
Lambda 1:48502(+)
PmgG-like head morphogenesis released from the phage upon host infection DNA polymerase III theta subunit TciB-like inhibition of cell division or resistance to colicin PmgG-like head morphogenesis single strand DNA binding protein Lpa-like transcriptional activator baseplate hub subunit and tail lysozyme ParA-like partition protein Treplication protein PmgB-like head morphogenesis ImmD-like anti-restriction protein baseplate hub subunit and tail lysozyme ParA-like partition protein Treplication protein Hdf-like anti-restriction tail fiber protein Hdf-like anti-restriction tail fiber protein replication helicase anti-repressor baseplate protein DNA methyltransferase transposase portal protein methyltransferase transposase tail protein tail protein DNA methyltransferase P1 1:94800(+) Tail sheath anti-repressor NA methyltransferase tail protein DNA methyltransferase DNA methyltransferase Tail protein DNA methyltransferase Tail protein DNA methyltransferase Tail protein <t< td=""></t<>
baseplate assembly protein baseplate wedge subunit terminase small subunit head scaffolding protein baseplate hub terminase large subunit tail terminator terminase subunit terminator terminase subunit tail terminator terminase subunit tail terminator terminase subunit terminator terminase subu
tail length tape measure protein tail sheath and receptor binding protein tail assembly protein Rz-like spanin tail assembly protein in Rz-like spanin terminase large subunit appendage holin major head protein virion structural protein holin major head protein virion RNA polymerase (KH WK W WK W
HNH endonuclease DNA polymerase DNA polymerase DNA polymerase
Bas69 1:70849(+) Gp2.5-like ssDNA binding protein and ssDNA annealing protein internal virion protein with endolysin domain host range and adsorption protein head-tail adaptor internal virion protein head-tail adaptor internal virion protein head assembly
serine-threonine kinase HNH endonuclease nucleotide kinase host RecBCD nuclease inhibitor
Gp5.9-like inihibitor of recBCD nuclease HNH endonuclease nucleotide kinase host range and adsorption protein ocr-like anti-restriction endonuclease head protein
Bas65 1:39451(+) HNH endonuclease
Bas64 1:39842(+) HNH endonuclease
T7 1:39937(+)
RNA polymerase inhibitor HNH endonuclease structural protein with Ig domain Bas66 1:38194(+)

head scaffolding protein head-tail adaptor Ad1 DNA methyltransferase polynucleotide kinase head morphogenesistail length tape measure protein HNH endonuclease
 major head protein
 Image: Inclusive protein

 major head protein
 Image: Inclusive protein

 Rz-like spanin
 minor tail protein

 DNA ligaseDNA polymerase
 transposase

 endonuclease
 endonuclease

 rotein
 tail fiber protein

 DNA helicase
 exonuclease

 holin
 terminase
 3as15 1:44550(+) head scaffolding protein holin holin Bas16 1:44295(+) 3as18 1:44882(tail fiber protein RusA-like Holliday junction resolvase

ition of cell division or resistance to colicin ubunit and tail lysozyme -like replicative helicase punit nucleoside triphosphate pyrophosphohydrolase ein tellurite resistance

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