tail fiber assembly protein (CDS_0025)
baseplate wedge subunit (CDS_0021)
single strand DNA binding protein (CDS_0030)
baseplate wedge subunit (CDS_0022)
excisionase (CDS_0027)
structural protein (CDS_0023)
DNA methyltransferase (CDS_0029)
baseplate spike (CDS_0020)
integrase (CDS_0026)
Sak4-like ssDNA annealing protein (CDS_0031)
CDS_0019
tail fiber protein (CDS_0024)
CDS_0028
DNA polymerase (CDS_0032)
uvig_370975 15107:25894(+)
virion structural protein (CDS_0024)
CDS_0025
TemPhD_cluster_19752 15073:25991(+)
tail assembly chaperone (CDS_0026)
CDS_0020
tail fiber protein (CDS_0025)
CDS_0027
CDS_0032
SAMEA2580066_a1_ct3381_vs1 15164:28552(+)
head morphogenesis (CDS_0020)
tail fiber protein (CDS_0025)
tail fiber assembly protein (CDS_0026)
OTU_2175 15079:25879(+)
baseplate hub (CDS_0018)
structural protein (CDS_0023)
uvig_370741 14040:24688(+)
tail fiber assembly protein (CDS_0026)
CDS_0020
tail fiber protein (CDS_0025)
DNA methyltransferase (CDS_0030)
TemPhD_cluster_49080_ 15163:25205(+)
tail fiber assembly protein (CDS_0026)
O-acetyltransferase (CDS_0027)
excisionase (CDS_0029)
20
tail fiber protein (CDS_0025)
integrase (CDS_0028)
TemPhD_cluster_36523_ 14098:26070(+)
excisionase (CDS_0030)
DNA invertase (CDS_0028)
DNA methyltransferase (CDS_0032)
21
tail fiber protein (CDS_0026)
27
integrase (CDS_0029)
TemPhD_cluster_41973 14040:27917(+)
CDS_0026
tail fiber protein (CDS_0025)
CDS_0027
excisionase (CDS_0028)
TemPhD_cluster_49842 13922:26147(+)
tail fiber assembly protein (CDS_0029)
endonuclease (CDS_0038)
tail fiber protein (CDS_0028)
DNA methyltransferase (CDS_0033)
CDS_0039
TemPhD_cluster_48739_ 18055:29482(+)
DNA methyltransferase (CDS_0030)
TemPhD_cluster_49028_ 17344:28473(+)
tail fiber assembly protein (CDS_0026)
excisionase (CDS_0028)
19
tail fiber protein (CDS_0025)
27
29
DNA methyltransferase (CDS_0030)
TemPhD_cluster_17507 13834:26601(+)
tail fiber assembly protein (CDS_0026)
excisionase (CDS_0028)
20
tail fiber protein (CDS_0025)
27
29
DNA methyltransferase (CDS_0030)
TemPhD_cluster_49659 13945:27153(+)
O-antigen acetylase (CDS_0027)
30
integrase (CDS_0032)
20
tail fiber protein (CDS_0025)
26
28
29
31
excisionase (CDS_0033)
IMGVR_UViG_2916412399_000001|2916412399|2916412399|938768-981372 13868:29568(+)
tail fiber assembly protein (CDS_0027)
tail fiber assembly (CDS_0026)
DNA invertase (CDS_0028)
excisionase (CDS_0030)
tail fiber protein (CDS_0025)
integrase (CDS_0029)
TemPhD_cluster_41707 13381:26583(+)
tail fiber assembly protein (CDS_0027)
tail fiber protein (CDS_0025)
26
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29
excisionase (CDS_0030)
TemPhD_cluster_49191 13912:26797(+)
excisionase (CDS_0029)
integrase (CDS_0028)
tail fiber protein (CDS_0025)
26
27
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31
IMGVR_UViG_2903307284_000006|2903307284|2903307518|91781-134937 14098:27484(+)
Lamassu-Fam__LmuA_effector_Mrr (CDS_0030)
Lamassu-Fam__LmuC_acc_Mrr (CDS_0031)
tail fiber assembly protein (CDS_0027)
Lamassu-Fam__LmuB_SMC_Mrr (CDS_0032)
integrase (CDS_0036)
25
26
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33
34
35
excisionase (CDS_0037)
IMGVR_UViG_2751185923_000001|2751185923|2751258925|394748-444904 13912:34200(+)
RecA filament binding protein DinI (CDS_0027)
tail fiber assembly protein (CDS_0025)
O-acetyltransferase (CDS_0026)
tail fiber protein (CDS_0024)
CDS_0030
DNA methyltransferase (CDS_0032)
TemPhD_cluster_36050 14894:27556(+)
O-acetyltransferase (CDS_0026)
tail fiber protein (CDS_0024)
CDS_0025
CDS_0027
TemPhD_cluster_60459 14894:27644(+)
O-acetyltransferase (CDS_0026)
tail fiber protein (CDS_0024)
CDS_0025
CDS_0027
TemPhD_cluster_60799 14894:26735(+)
O-acetyltransferase (CDS_0027)
tail fiber protein (CDS_0025)
CDS_0019
CDS_0020
CDS_0026
CDS_0028
TemPhD_cluster_49247 13827:26939(+)
tail fiber assembly (CDS_0026)
tail fiber protein (CDS_0025)
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IMGVR_UViG_2563366805_000010|2563366805|2563391199|22376-64173 14447:27142(+)
tail fiber assembly protein (CDS_0027)
tail fiber assembly (CDS_0026)
19
tail fiber protein (CDS_0025)
28
29
TemPhD_cluster_60721 14461:27627(+)
tail fiber assembly protein (CDS_0027)
virion structural protein (CDS_0028)
tail fiber assembly (CDS_0026)
tail collar protein (CDS_0025)
29
30
IMGVR_UViG_2513237219_000005|2513237219|2513260678|2007693-2050163 14098:26640(+)
tail fiber assembly protein (CDS_0027)
tail fiber assembly (CDS_0026)
DNA invertase (CDS_0028)
tail collar protein (CDS_0025)
29
TemPhD_cluster_41624 14098:26964(+)
tail fiber assembly protein (CDS_0029)
Doc-like toxin (CDS_0022)
DNA invertase (CDS_0031)
21
tail fiber protein (CDS_0027)
28
30
32
TemPhD_cluster_41319 14632:27942(+)
tail fiber protein (CDS_0025)
MGV-GENOME-0247634 13853:21718(+)
tail fiber protein (CDS_0025)
CDS_0030
CDS_0031
uvig_293532 13853:22640(+)
tail assembly chaperone (CDS_0026)
tail fiber protein (CDS_0025)
27
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32
tail length tape measure protein (CDS_0033)
IMGVR_UViG_3300045988_082753|3300045988|Ga0495776_171113 15164:33729(+)
tail assembly chaperone (CDS_0026)
tail fiber protein (CDS_0025)
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32
tail length tape measure protein (CDS_0033)
IMGVR_UViG_3300045988_091136|3300045988|Ga0495776_171077 15164:33685(+)
tail assembly chaperone (CDS_0026)
tail length tape measure protein (CDS_0033)
tail fiber protein (CDS_0025)
27
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uvig_114217 15164:36296(+)
tail fiber assembly protein (CDS_0026)
tail fiber protein (CDS_0025)
27
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29
30
31
32
33
34
uvig_280758 13912:32686(+)
8000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
moron, auxiliary metabolic gene and host takeover
other
tail
unknown function
Defence