DNA methyltransferase (CDS_0047)
DNA methyltransferase (CDS_0044)
nicking at origin of replication (CDS_0001)
portal protein (CDS_0004)
CDS_0043
CDS_0045
CDS_0003
head scaffolding protein (CDS_0006)
CDS_0042
CDS_0046
CDS_0002
terminase large subunit (CDS_0005)
CDS_0007
terminase small subunit (CDS_0008)
TemPhD_cluster_37580_ 31888:9506(+)
TemPhD_cluster_37662_ 31094:9880(+)
TemPhD_cluster_51308 31774:11163(+)
TemPhD_cluster_20574 33919:11624(+)
TemPhD_cluster_50794 34363:11593(+)
CDS_0041
CDS_0002
TemPhD_cluster_37562_ 31616:9509(+)
CDS_0004
CDS_0005
TemPhD_cluster_62402 31392:10753(+)
TemPhD_cluster_51548 30788:10162(+)
CDS_0048
TemPhD_cluster_20645 31400:10774(+)
CDS_0006
CDS_0011
TemPhD_cluster_51314 31763:11370(+)
TemPhD_cluster_37315_ 33472:11085(+)
TemPhD_cluster_43383 32830:10583(+)
CDS_0043
TemPhD_cluster_28196 31600:10473(+)
CDS_0052
TemPhD_cluster_37131_ 35356:11080(+)
hydrolase (CDS_0046)
TemPhD_cluster_51344 32138:11085(+)
TemPhD_cluster_50595 35091:12653(+)
TemPhD_cluster_50802 33865:12566(+)
TemPhD_cluster_43717 31306:10756(+)
TemPhD_cluster_37833 30702:10162(+)
TemPhD_cluster_30497 31294:10753(+)
TemPhD_cluster_14206 34109:11754(+)
phosphoadenosine phosphosulfate reductase (CDS_0048)
TemPhD_cluster_62308 31867:9512(+)
RosmerTA__RmrT_2585209417 (CDS_0003)
RosmerTA__RmrA_2600853143 (CDS_0004)
TemPhD_cluster_62363 31940:11195(+)
TemPhD_cluster_51198 32817:10488(+)
TemPhD_cluster_51197 32817:10488(+)
CDS_0049
TemPhD_cluster_62160 32795:10513(+)
CDS_0046
TemPhD_cluster_61883 33297:11145(+)
TemPhD_cluster_51322 33248:11142(+)
TemPhD_cluster_17680 32536:11645(+)
TemPhD_cluster_43520 32529:11645(+)
TemPhD_cluster_22859 31129:10977(+)
TemPhD_cluster_51264 31966:11590(+)
TemPhD_cluster_51042 33307:11376(+)
IMGVR_UViG_2825532219_000001|2825532219|2825532219|450264-485222 1:10976(+)
51
1
TemPhD_cluster_62222 32184:10823(+)
TemPhD_cluster_37320_ 33907:11604(+)
TemPhD_cluster_62410 31814:11666(+)
TemPhD_cluster_51442 32789:11590(+)
TemPhD_cluster_43512 33286:11621(+)
IMGVR_UViG_2917328164_000003|2917328164|2917328164|2751277-2788525 1:11570(+)
IMGVR_UViG_2913097827_000002|2913097827|2913097827|1343961-1380405 1:11568(+)
terminase large subunit (CDS_0007)
terminase large subunit (CDS_0008)
IMGVR_UViG_2579778882_000004|2579778882|2579827752 1:12218(+)
IMGVR_UViG_2636415722_000004|2636415722|2636451488|4988-40886 1:11934(+)
IMGVR_UViG_2875658422_000004|2875658422|2875658422|2595450-2630408 1:12533(+)
TTSS-2 secreted effectors (VF0947) (CDS_0006)
IMGVR_UViG_2909241302_000004|2909241302|2909241302|1848206-1886164 1:12654(+)
6000 nt
DNA, RNA and nucleotide metabolism
connector
head and packaging
moron, auxiliary metabolic gene and host takeover
other
tail
unknown function
Defence
Virulence