baseplate hub subunit and tail lysozyme (CDS_0031)
PmgG-like head morphogenesis (CDS_0027)
holin (CDS_0030)
UmuD-like protein (CDS_0037)
DNA polymerase (CDS_0036)
nucleoside triphosphate pyrophosphohydrolase (CDS_0044)
excisionase (CDS_0043)
DNA polymerase exonuclease subunit (CDS_0050)
IMGVR_UViG_2724679451_000017|2724679451|2724732379 35930:52208(+)
nucleoside triphosphate pyrophosphohydrolase (CDS_0042)
UmuD-like protein (CDS_0036)
DNA polymerase (CDS_0035)
excisionase (CDS_0041)
IMGVR_UViG_2554235060_000011|2554235060|2554252370|31429-109810 35591:51358(+)
nucleoside triphosphate pyrophosphohydrolase (CDS_0039)
UmuD-like protein (CDS_0036)
excisionase (CDS_0038)
DNA polymerase (CDS_0035)
IMGVR_UViG_2740892256_000009|2740892256|2740964989|213290-289066 35591:48753(+)
nucleoside triphosphate pyrophosphohydrolase (CDS_0041)
excisionase (CDS_0040)
transposase (CDS_0036)
IMGVR_UViG_2877590049_000006|2877590049|2877590049|2723558-2801032 35930:49413(+)
UmuD-like protein (CDS_0036)
DNA polymerase (CDS_0035)
IMGVR_UViG_2724679446_000006|2724679446|2724731771|30515-106220 35591:49507(+)
UmuD-like protein (CDS_0034)
DNA polymerase (CDS_0033)
IMGVR_UViG_2657245486_000004|2657245486|2657305692|166814-241089 26048:48686(+)
UmuD-like protein (CDS_0034)
TemPhD_cluster_55459 36223:53002(+)
IMGVR_UViG_2582580790_000010|2582580790|2582638049|35-77688 35447:49418(+)
IMGVR_UViG_2877586094_000001|2877586094|2877586094|1268155-1345352 38797:54336(+)
IMGVR_UViG_2687453566_000006|2687453566|2687454350|2840808-2919313 36588:51313(+)
UmuD-like protein (CDS_0044)
RosmerTA__RmrT_2585209417 (CDS_0049)
DNA polymerase (CDS_0043)
RosmerTA__RmrA_2600853143 (CDS_0048)
TemPhD_cluster_45627 36999:54236(+)
RosmerTA__RmrT_2585209417 (CDS_0039)
RosmerTA__RmrA_2600853143 (CDS_0038)
UmuD-like protein (CDS_0036)
DNA polymerase (CDS_0035)
IMGVR_UViG_2565957055_000005|2565957055|2566034199|33796-110484 34728:49608(+)
RosmerTA__RmrT_2585209417 (CDS_0039)
RosmerTA__RmrA_2600853143 (CDS_0038)
UmuD-like protein (CDS_0036)
DNA polymerase (CDS_0035)
DEDDh_I_II_III_IV_V_VI_1 (CDS_0047)
IMGVR_UViG_2671180619_000001|2671180619|2671253187|64446-142533 34740:49333(+)
UmuD-like protein (CDS_0041)
DNA polymerase (CDS_0040)
IMGVR_UViG_3300014518_000014|3300014518|Ga0120821_100009|178434-254545 37228:48423(+)
DNA methyltransferase (CDS_0039)
UmuD-like protein (CDS_0035)
DNA polymerase (CDS_0034)
IMGVR_UViG_3300011954_000008|3300011954|Ga0120937_100015|63051-140915 34703:49665(+)
UmuD-like protein (CDS_0035)
DNA polymerase (CDS_0034)
IMGVR_UViG_2565956958_000003|2565956958|2566020577|3-77228 34703:49041(+)
DNA methyltransferase (CDS_0038)
UmuD-like protein (CDS_0035)
DNA polymerase (CDS_0034)
IMGVR_UViG_3300011707_000014|3300011707|Ga0120931_100024|63711-138407 34739:48138(+)
RosmerTA__RmrA_2600853143 (CDS_0040)
UmuD-like protein (CDS_0035)
RosmerTA__RmrT_2585209417 (CDS_0041)
DNA polymerase (CDS_0034)
IMGVR_UViG_2663763181_000001|2663763181|2663826599 35447:51903(+)
RosmerTA__RmrT_2585209417 (CDS_0039)
RosmerTA__RmrA_2600853143 (CDS_0038)
UmuD-like protein (CDS_0035)
DNA polymerase (CDS_0034)
IMGVR_UViG_3300014094_000015|3300014094|Ga0121529_100028|32049-109955 35447:50318(+)
RosmerTA__RmrT_2585209417 (CDS_0040)
RosmerTA__RmrA_2600853143 (CDS_0039)
IMGVR_UViG_2565956931_000003|2565956931|2566017034|26174-104914 38840:48717(+)
UmuD-like protein (CDS_0034)
DNA polymerase (CDS_0033)
IMGVR_UViG_3300011894_000044|3300011894|Ga0122084_100030|8063-84976 35049:45523(+)
DNA methyltransferase (CDS_0043)
transposase (CDS_0040)
transposase (CDS_0041)
IMGVR_UViG_2531839354_000002|2531839354|2531890340 37838:49792(+)
IMGVR_UViG_2648501161_000005|2648501161|2648506399|2-75689 35625:47112(+)
IMGVR_UViG_642555102_000002|642555102|642555129|2278755-2358451 39169:52514(+)
IMGVR_UViG_2880063152_000002|2880063152|2880063152|2292386-2372082 39168:52512(+)
9000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
lysis
other
tail
unknown function
Defence