anti-repressor Ant (CDS_0003)
excisionase (CDS_0005)
DNA primase (CDS_0013)
IMGVR_UViG_2510461036_000010|2510461036|2510476994|4221-38772 1:11962(+)
excisionase (CDS_0005)
IMGVR_UViG_2687453452_000004|2687453452|2687454091|6382953-6418571 1:10969(+)
excisionase (CDS_0005)
TemPhD_cluster_61845 34473:12540(+)
excisionase (CDS_0005)
DNA methyltransferase (CDS_0003)
TemPhD_cluster_43412 33533:12260(+)
Detocs__dtcC_hydrolase (CDS_0003)
TemPhD_cluster_62163 33265:13692(+)
excisionase (CDS_0007)
anti-repressor Ant (CDS_0003)
TemPhD_cluster_37499_ 33322:13446(+)
CDS_0004
anti-repressor Ant (CDS_0003)
CDS_0006
CDS_0005
IMGVR_UViG_2734482399_000013|2734482399|2734634636|59348-92115 1:10178(+)
RosmerTA__RmrA_2600853143 (CDS_0003)
CDS_0004
CDS_0005
TemPhD_cluster_61594 35313:12531(+)
RosmerTA__RmrT_2634932349 (CDS_0004)
CDS_0006
RosmerTA__RmrA_2600853143 (CDS_0003)
integrase (CDS_0005)
TemPhD_cluster_37399_ 33953:12543(+)
RosmerTA__RmrT_2585209417 (CDS_0004)
RosmerTA__RmrA_2600853143 (CDS_0003)
TemPhD_cluster_24848 34261:12812(+)
CDS_0003
CDS_0004
CDS_0005
TemPhD_cluster_50976 34151:11615(+)
CDS_0003
CDS_0004
CDS_0005
TemPhD_cluster_51105 33696:11224(+)
CDS_0003
CDS_0004
CDS_0005
CDS_0006
TemPhD_cluster_28107 34342:12893(+)
CDS_0005
toxin (CDS_0003)
CDS_0004
Dnd__DndC (CDS_0006)
CDS_0011
TemPhD_cluster_43360 33793:11554(+)
Dnd__DndC (CDS_0007)
TemPhD_cluster_51292 32819:11983(+)
CDS_0003
CDS_0004
CDS_0005
IMGVR_UViG_2571042564_000003|2571042564|2571128097|1074914-1109869 1:10793(+)
toxin (CDS_0003)
CDS_0004
CDS_0005
NC_055793.1 1:11834(+)
excisionase (CDS_0006)
CDS_0003
CDS_0007
CDS_0004
CDS_0005
Dnd__DndC (CDS_0008)
IMGVR_UViG_2945748529_000005|2945748529|2945748529|6326725-6365179 1:9926(+)
CDS_0003
CDS_0004
CDS_0005
excisionase (CDS_0006)
IMGVR_UViG_2877813470_000008|2877813470|2877813470|6421131-6457049 1:10080(+)
excisionase (CDS_0003)
IMGVR_UViG_2908469069_000001|2908469069|2908469069|573688-608104 1:7127(+)
anti-repressor Ant (CDS_0003)
excisionase (CDS_0007)
TemPhD_cluster_43028 35352:11502(+)
CDS_0003
excisionase (CDS_0004)
TemPhD_cluster_28178 33254:9404(+)
anti-repressor Ant (CDS_0003)
excisionase (CDS_0007)
IMGVR_UViG_2886142980_000008|2886142980|2886142981|344607-381404 1:10234(+)
CDS_0017
CDS_0018
excisionase (CDS_0019)
IMGVR_UViG_2888801269_000009|2888801269|2888801269|3744017-3790159 14367:22129(+)
DNA repair protein (CDS_0005)
excisionase (CDS_0011)
IMGVR_UViG_2571042077_000006|2571042077|2571048231|589577-632549 1:16409(+)
Detocs__dtcC_hydrolase (CDS_0003)
excisionase (CDS_0006)
IMGVR_UViG_2645727567_000005|2645727567|2645736531|6271668-6307600 1:12317(+)
excisionase (CDS_0005)
toxin (CDS_0003)
CDS_0004
CDS_0006
IMGVR_UViG_2579778540_000009|2579778540|2579783036|352516-386170 1:10768(+)
excisionase (CDS_0008)
IMGVR_UViG_2558309082_000005|2558309082|2558315332|6076117-6112839 1:11652(+)
excisionase (CDS_0006)
Doc-like toxin (CDS_0003)
IMGVR_UViG_2870695665_000006|2870695665|2870695665|6334669-6368361 1:10689(+)
Doc-like toxin (CDS_0006)
transposase (CDS_0005)
excisionase (CDS_0009)
IMGVR_UViG_2579778504_000003|2579778504|2579778537|757557-795789 1:14683(+)
excisionase (CDS_0005)
toxin (CDS_0003)
Dnd__DndC (CDS_0007)
TemPhD_cluster_28060 34860:13744(+)
CDS_0005
toxin (CDS_0003)
CDS_0004
CDS_0006
TemPhD_cluster_10201 32128:11955(+)
excisionase (CDS_0007)
Doc-like toxin (CDS_0004)
toxin (CDS_0003)
IMGVR_UViG_2576861022_000002|2576861022|2576864512 35074:13525(+)
excisionase (CDS_0007)
TemPhD_cluster_50967 34185:13349(+)
excisionase (CDS_0007)
TemPhD_cluster_51101 33687:13094(+)
excisionase (CDS_0007)
Dnd__DndC (CDS_0009)
IMGVR_UViG_2687453536_000008|2687453536|2687454291|6522078-6561212 1:15346(+)
transposase (CDS_0004)
toxin (CDS_0005)
excisionase (CDS_0007)
DNA primase (CDS_0013)
IMGVR_UViG_2558309079_000006|2558309079|2558315329|6224249-6259143 1:12238(+)
excisionase (CDS_0007)
IMGVR_UViG_2671180955_000009|2671180955|2671297651|14243-50722 1:12696(+)
CDS_0003
excisionase (CDS_0004)
CDS_0008
CDS_0009
CDS_0015
TemPhD_cluster_50918 36122:13383(+)
excisionase and transcriptional regulator (CDS_0005)
PD-Lambda-5__PD-Lambda-5_B (CDS_0008)
DNA methyltransferase (CDS_0003)
TemPhD_cluster_33276 34934:14507(+)
PD-Lambda-5__PD-Lambda-5_B (CDS_0006)
DNA methyltransferase (CDS_0003)
TemPhD_cluster_51028 33977:14146(+)
excisionase and transcriptional regulator (CDS_0005)
DNA methyltransferase (CDS_0003)
PD-Lambda-5__PD-Lambda-5_B (CDS_0007)
TemPhD_cluster_30418 33467:10428(+)
PD-Lambda-5__PD-Lambda-5_B (CDS_0006)
DNA methyltransferase (CDS_0003)
TemPhD_cluster_28131 33973:11048(+)
excisionase and transcriptional regulator (CDS_0006)
PD-Lambda-5__PD-Lambda-5_B (CDS_0009)
TemPhD_cluster_37209_ 35054:11080(+)
anti-repressor Ant (CDS_0003)
PD-Lambda-5__PD-Lambda-5_B (CDS_0008)
TemPhD_cluster_61667 35059:13071(+)
PD-Lambda-5__PD-Lambda-5_B (CDS_0008)
anti-repressor Ant (CDS_0003)
TemPhD_cluster_50792 34865:12233(+)
excisionase and transcriptional regulator (CDS_0007)
anti-repressor Ant (CDS_0003)
TemPhD_cluster_61489 35705:11707(+)
excisionase and transcriptional regulator (CDS_0004)
CDS_0005
CDS_0003
CDS_0006
TemPhD_cluster_51064 33847:9610(+)
excisionase and transcriptional regulator (CDS_0005)
Dnd__DndC (CDS_0009)
TemPhD_cluster_43196 34628:14112(+)
excisionase and transcriptional regulator (CDS_0004)
Dnd__DndC (CDS_0008)
TemPhD_cluster_28155 33603:12794(+)
excisionase and transcriptional regulator (CDS_0007)
RosmerTA__RmrT_2585209417 (CDS_0004)
RosmerTA__RmrA_2600853143 (CDS_0003)
Dnd__DndC (CDS_0011)
TemPhD_cluster_10609 35837:14879(+)
excisionase and transcriptional regulator (CDS_0005)
DNA methyltransferase (CDS_0003)
TemPhD_cluster_21239 32956:11120(+)
excisionase and transcriptional regulator (CDS_0005)
DNA methyltransferase (CDS_0003)
TemPhD_cluster_9391 35541:11443(+)
DNA methyltransferase (CDS_0003)
CDS_0005
CDS_0004
CDS_0006
TemPhD_cluster_51229 33044:10945(+)
Dnd__DndC (CDS_0008)
IMGVR_UViG_2687453263_000003|2687453263|2687453749|5054720-5093002 1:14065(+)
Dnd__DndC (CDS_0007)
IMGVR_UViG_2913679597_000004|2913679597|2913679597|5050518-5086509 1:11774(+)
Dnd__DndC (CDS_0006)
IMGVR_UViG_2870695665_000005|2870695665|2870695665|5203792-5238731 1:10722(+)
excisionase and transcriptional regulator (CDS_0007)
IMGVR_UViG_2579779087_000004|2579779087|2579851719|480945-518399 1:11402(+)
excisionase and transcriptional regulator (CDS_0009)
anti-repressor Ant (CDS_0003)
IMGVR_UViG_2619619278_000015|2619619278|2619687510|104714-145317 1:14530(+)
anti-repressor Ant (CDS_0003)
IMGVR_UViG_2627853747_000006|2627853747|2627884663|54002-94520 1:14529(+)
phosphoadenosine phosphosulfate reductase (CDS_0009)
phosphoadenosine phosphosulfate reductase (CDS_0010)
TemPhD_cluster_61960 33924:10985(+)
excisionase and transcriptional regulator (CDS_0006)
phosphoadenosine phosphosulfate reductase (CDS_0010)
TemPhD_cluster_23786_ 34008:10036(+)
CDS_0003
CDS_0005
CDS_0004
IMGVR_UViG_2700989435_000008|2700989435|2701058823|18578-52768 1:7505(+)
excisionase and transcriptional regulator (CDS_0006)
IMGVR_UViG_2562617103_000008|2562617103|2562625772|57946-93667 1:9036(+)
excisionase and transcriptional regulator (CDS_0006)
IMGVR_UViG_2740892057_000003|2740892057|2740907491|57904-93625 1:12133(+)
7000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
moron, auxiliary metabolic gene and host takeover
other
transcription regulation
unknown function
Defence