Cox-like excisionase and repressor (CDS_0037)
CII-like transcriptional activator (CDS_0038)
queuine tRNA-ribosyltransferase (CDS_0044)
cell division inhibitor (CDS_0039)
CDS_0042
CDS_0041
RecA filament binding protein DinI (CDS_0003)
CDS_0005
CDS_0036
CDS_0040
CDS_0043
CDS_0001
CDS_0002
CDS_0004
CDS_0006
CDS_0007
CDS_0008
TemPhD_cluster_18159 27751:8178(+)
queuine tRNA-ribosyltransferase (CDS_0042)
CDS_0004
TemPhD_cluster_13340 27264:7733(+)
DNA methyltransferase (CDS_0041)
TemPhD_cluster_30708 26176:6870(+)
DNA methyltransferase (CDS_0041)
TemPhD_cluster_30709 26404:6919(+)
Rst_3HP__Hp3 (CDS_0004)
Rst_3HP__Hp1 (CDS_0006)
RNA-binding protein (CDS_0042)
Rst_3HP__Hp2 (CDS_0005)
TemPhD_cluster_63051_ 28606:7512(+)
CDS_0006
phosphoadenosine phosphosulfate reductase (CDS_0044)
CDS_0005
CDS_0007
TemPhD_cluster_62877_ 28689:7558(+)
DEDDh_I_II_III_IV_V_VI_1 (CDS_0042)
TemPhD_cluster_16149 28002:6793(+)
phosphoadenosine phosphosulfate reductase (CDS_0044)
DEDDh_I_II_III_IV_V_VI_1 (CDS_0042)
CDS_0004 CDS_0005
TemPhD_cluster_26368 27564:5713(+)
phosphoadenosine phosphosulfate reductase (CDS_0042)
TemPhD_cluster_52193 27106:7474(+)
DEDDh_I_II_III_IV_V_VI_1 (CDS_0044)
CDS_0042
CDS_0045
TemPhD_cluster_62496 30156:5701(+)
Cox-like excisionase and repressor (CDS_0034)
DEDDh_I_II_III_IV_V_VI_1 (CDS_0040)
integrase (CDS_0032)
CDS_0041
TemPhD_cluster_63370_ 25333:4441(+)
excisionase (CDS_0033)
DEDDh_I_II_III_IV_V_VI_1 (CDS_0039)
TemPhD_cluster_44309 25280:4438(+)
DEDDh_I_II_III_IV_V_VI_1 (CDS_0042)
RNA-binding protein (CDS_0043)
CDS_0004
CDS_0005
TemPhD_cluster_37964 26789:6396(+)
DEDDh_I_II_III_IV_V_VI_1 (CDS_0040)
CDS_0041
TemPhD_cluster_52386 26388:4441(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0004)
Menshen__NsnA (CDS_0006)
CDS_0045
CDS_0005
TemPhD_cluster_62462 31117:7395(+)
phosphoadenosine phosphosulfate reductase (CDS_0044)
TemPhD_cluster_37777_ 29390:7405(+)
CDS_0043
CDS_0001
CDS_0005
CDS_0009
TemPhD_cluster_51795 30022:11155(+)
CDS_0034
CDS_0040
DNA methyltransferase (CDS_0041)
CDS_0004
TemPhD_cluster_26387 26454:7752(+)
cell division inhibitor (CDS_0039)
RNA-binding protein (CDS_0043)
DNA methyltransferase (CDS_0044)
CDS_0004
TemPhD_cluster_37977 28314:7191(+)
RNA-binding protein (CDS_0041)
CDS_0002
CDS_0005
TemPhD_cluster_33711 28382:4702(+)
DEDDh_I_II_III_IV_V_VI_1 (CDS_0009)
TemPhD_cluster_63597 165:9901(+)
DEDDh_I_II_III_IV_V_VI_1 (CDS_0043)
DNA methyltransferase (CDS_0045)
CDS_0004
TemPhD_cluster_37794_ 28727:5168(+)
DEDDh_I_II_III_IV_V_VI_1 (CDS_0043)
CDS_0002
CDS_0004
TemPhD_cluster_43802 28509:7814(+)
RNA-binding protein (CDS_0039)
CDS_0002
TemPhD_cluster_63071_ 26382:6460(+)
CDS_0039
TemPhD_cluster_52378 25878:6469(+)
RNA-binding protein (CDS_0041)
TemPhD_cluster_63212_ 26764:6468(+)
cell division inhibitor (CDS_0036)
RNA-binding protein (CDS_0040)
DNA binding protein (CDS_0004)
TemPhD_cluster_44011 28238:7882(+)
queuine tRNA-ribosyltransferase (CDS_0042)
CDS_0004
TemPhD_cluster_43875 28816:7961(+)
DNA methyltransferase (CDS_0040)
TemPhD_cluster_22932 26298:6851(+)
CDS_0040 RNA-binding protein (CDS_0041)
TemPhD_cluster_30716 25379:4793(+)
CDS_0040 RNA-binding protein (CDS_0041)
TemPhD_cluster_28416 25379:4793(+)
TciB-like inhibition of cell division or resistance to colicin (CDS_0039)
RNA-binding protein (CDS_0042)
tellurite resistance (CDS_0038)
CDS_0040
TemPhD_cluster_11628 27393:4441(+)
RNA-binding protein (CDS_0041)
TemPhD_cluster_63419_ 27338:4440(+)
RNA-binding protein (CDS_0043)
TemPhD_cluster_52233 26938:4693(+)
DEDDh_I_II_III_IV_V_VI_1 (CDS_0043)
RNA-binding protein (CDS_0044)
TemPhD_cluster_37744_ 30150:4438(+)
DEDDh_I_II_III_IV_V_VI_1 (CDS_0042)
CDS_0043
TemPhD_cluster_38001 27483:4438(+)
RecA filament binding protein DinI (CDS_0003)
phosphoadenosine phosphosulfate reductase (CDS_0047)
ShosTA__ShosT (CDS_0005)
CDS_0045
ShosTA__ShosA (CDS_0006)
TemPhD_cluster_62375 31432:8490(+)
phosphoadenosine phosphosulfate reductase (CDS_0045)
CDS_0004 CDS_0005
TemPhD_cluster_51713 29444:8197(+)
CDS_0037 CDS_0040
TemPhD_cluster_10980 26603:3015(+)
CDS_0038
TemPhD_cluster_44220 26282:3004(+)
CDS_0040
CDS_0042
TemPhD_cluster_26374 28433:3016(+)
tail protein (CDS_0029)
CDS_0030
CDS_0037
TemPhD_cluster_28498 23416:4422(+)
nicking at origin of replication (CDS_0001)
CDS_0043
CDS_0002
TemPhD_cluster_26325 29746:6396(+)
5000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence