baseplate wedge subunit (CDS_0022)
baseplate spike (CDS_0021)
tail fiber protein (CDS_0025)
tail fiber protein (CDS_0028)
MADS_mad1 (CDS_0032)
endonuclease (CDS_0035)
TemPhD_cluster_18835 14864:28176(+)
tail fiber assembly protein (CDS_0027)
tail fiber protein (CDS_0026)
DNA invertase (CDS_0029)
tail fiber protein (CDS_0025)
tail fiber protein (CDS_0028)
DNA methyltransferase (CDS_0033)
TemPhD_cluster_41169 14855:29168(+)
tail length tape measure protein (CDS_0029)
tail fiber protein (CDS_0025)
TemPhD_cluster_18828 14847:28865(+)
tail fiber protein (CDS_0028)
tail fiber protein (CDS_0025)
DNA invertase (CDS_0029)
TemPhD_cluster_49212 14847:28865(+)
tail length tape measure protein (CDS_0029)
PD-Lambda-5__PD-Lambda-5_B (CDS_0033)
baseplate hub (CDS_0018)
tail fiber protein (CDS_0028)
DNA methyltransferase (CDS_0036)
tail fiber protein (CDS_0025)
TemPhD_cluster_60497 13792:29325(+)
tail fiber assembly protein (CDS_0028)
Retron_IX__HEPN domain (CDS_0021)
tail fiber protein (CDS_0027)
DNA invertase (CDS_0030)
tail fiber protein (CDS_0026)
tail fiber protein (CDS_0029)
TemPhD_cluster_23460_ 14929:28979(+)
tail length tape measure protein (CDS_0029)
tail fiber protein (CDS_0028)
tail fiber protein (CDS_0025)
TemPhD_cluster_15102 13783:28777(+)
tail fiber assembly protein (CDS_0027)
tail fiber assembly protein (CDS_0026)
DNA invertase (CDS_0029)
tail fiber protein (CDS_0025)
tail fiber protein (CDS_0028)
TemPhD_cluster_35638_ 13771:28713(+)
tail fiber assembly protein (CDS_0027)
tail fiber protein (CDS_0028)
tail fiber protein (CDS_0026)
CDS_0029
DNA invertase (CDS_0030)
TemPhD_cluster_32231 16076:28528(+)
tail fiber chaperone (CDS_0028)
tail fiber protein (CDS_0029)
tail fiber protein (CDS_0026)
DNA invertase (CDS_0030)
TemPhD_cluster_19769 16071:28092(+)
tail fiber assembly protein (CDS_0027)
tail fiber assembly protein (CDS_0026)
DNA invertase (CDS_0029)
tail fiber protein (CDS_0025)
tail fiber protein (CDS_0028)
TemPhD_cluster_35977_ 14853:28690(+)
tail fiber protein (CDS_0026)
tail length tape measure protein (CDS_0030)
TemPhD_cluster_16514 14888:28302(+)
tail fiber assembly protein (CDS_0027)
tail fiber protein (CDS_0028)
DNA invertase (CDS_0030)
tail fiber protein (CDS_0026)
tail fiber protein (CDS_0029)
DNA methyltransferase (CDS_0034)
TemPhD_cluster_41166 14931:28961(+)
tail fiber protein (CDS_0028)
CDS_0027
DNA invertase (CDS_0029)
CDS_0033
CDS_0034
TemPhD_cluster_27433 15871:27619(+)
tail fiber protein (CDS_0025)
tail fiber protein (CDS_0028)
CDS_0026
DNA invertase (CDS_0029)
TemPhD_cluster_27434 15871:27619(+)
tail fiber assembly protein (CDS_0026)
phosphoadenosine phosphosulfate reductase (CDS_0032)
tail fiber assembly protein (CDS_0025)
DNA invertase (CDS_0028)
tail fiber protein (CDS_0024)
tail fiber protein (CDS_0027)
TemPhD_cluster_35824_ 15109:29063(+)
tail fiber assembly protein (CDS_0026)
tail fiber assembly protein (CDS_0025)
DNA invertase (CDS_0028)
tail fiber protein (CDS_0024)
tail fiber protein (CDS_0027)
TemPhD_cluster_35823_ 15109:29063(+)
tail fiber assembly protein (CDS_0026)
tail fiber assembly protein (CDS_0025)
DNA invertase (CDS_0028)
tail fiber protein (CDS_0024)
tail fiber protein (CDS_0027)
cysH_IV-B_1 (CDS_0034)
TemPhD_cluster_48981_ 15109:29333(+)
tail fiber assembly protein (CDS_0026)
tail fiber protein (CDS_0028)
tail fiber protein (CDS_0025)
DNA invertase (CDS_0029)
TemPhD_cluster_35576 14857:27849(+)
tail fiber protein (CDS_0033)
tail fiber assembly protein (CDS_0034)
TemPhD_cluster_36106 19972:33096(+)
tail fiber assembly protein (CDS_0025)
CDS_0019
tail fiber protein (CDS_0024)
CDS_0026
TemPhD_cluster_27318 13867:27366(+)
tail fiber assembly protein (CDS_0033)
tail fiber protein (CDS_0032)
uvig_393307 19905:34755(+)
tail fiber assembly protein (CDS_0033)
tail fiber protein (CDS_0032)
CDS_0034
TemPhD_cluster_41636 20938:33228(+)
tail fiber protein (CDS_0025)
CDS_0027
CDS_0026
cysH_IV-B_1 (CDS_0031)
DNA polymerase (CDS_0033)
TemPhD_cluster_60929 14891:27778(+)
CDS_0028
CDS_0033
tail fiber protein (CDS_0026)
CDS_0027
MMB_gp29_gp30__gp29 (CDS_0032)
CDS_0034
TemPhD_cluster_20399 13867:27587(+)
tail fiber assembly protein (CDS_0028)
tail fiber assembly protein (CDS_0027)
DNA invertase (CDS_0030)
tail fiber protein (CDS_0026)
tail fiber protein (CDS_0029)
TemPhD_cluster_35620_ 14888:28779(+)
tail assembly chaperone (CDS_0026)
tail fiber protein (CDS_0025)
CDS_0027
CDS_0028
IMGVR_UViG_2877923215_000003|2877923215|2877923215|2889416-2931824 14865:27972(+)
tail fiber assembly (CDS_0026)
tail fiber protein (CDS_0025)
CDS_0027
TemPhD_cluster_29524 14865:27536(+)
tail assembly chaperone (CDS_0026)
tail fiber protein (CDS_0025)
CDS_0027
CDS_0028
IMGVR_UViG_2687453177_000005|2687453177|2687453595|3660363-3702621 14865:27822(+)
anti-repressor (CDS_0032)
tail fiber assembly (CDS_0027)
CDS_0033
tail fiber protein (CDS_0026)
CDS_0028
CDS_0034
TemPhD_cluster_36057 14852:28117(+)
tail fiber protein (CDS_0028)
tail fiber assembly protein (CDS_0027)
DNA invertase (CDS_0030)
tail fiber protein (CDS_0026)
tail fiber protein (CDS_0029)
TemPhD_cluster_32169 14931:28817(+)
tail fiber protein (CDS_0026)
CDS_0027
IMGVR_UViG_2537561600_000006|2537561600|2537573853|3-38603 14931:24856(+)
tail fiber assembly protein (CDS_0028)
tail fiber assembly protein (CDS_0027)
DNA invertase (CDS_0030)
tail fiber protein (CDS_0026)
tail fiber protein (CDS_0029)
TemPhD_cluster_35969_ 14855:27504(+)
tail fiber assembly protein (CDS_0027)
tail fiber protein (CDS_0029)
tail fiber protein (CDS_0026)
DNA invertase (CDS_0030)
TemPhD_cluster_29454 14855:28205(+)
tail fiber assembly protein (CDS_0028)
tail fiber protein (CDS_0029)
tail fiber protein (CDS_0026)
TemPhD_cluster_60785 14855:28205(+)
tail fiber assembly protein (CDS_0028)
tail fiber assembly protein (CDS_0027)
DNA invertase (CDS_0030)
tail fiber protein (CDS_0026)
tail fiber protein (CDS_0029)
TemPhD_cluster_48994_ 14870:28123(+)
tail fiber assembly protein (CDS_0028)
tail fiber assembly protein (CDS_0027)
DNA invertase (CDS_0030)
tail fiber protein (CDS_0026)
tail fiber protein (CDS_0029)
TemPhD_cluster_35899_ 14855:27630(+)
tail fiber assembly protein (CDS_0028)
tail fiber assembly protein (CDS_0027)
DNA invertase (CDS_0030)
tail fiber protein (CDS_0026)
tail fiber protein (CDS_0029)
TemPhD_cluster_35900_ 14855:27630(+)
tail fiber assembly protein (CDS_0028)
tail fiber assembly protein (CDS_0027)
DNA invertase (CDS_0030)
tail fiber protein (CDS_0026)
tail fiber protein (CDS_0029)
TemPhD_cluster_35728_ 14855:28185(+)
DNA methyltransferase (CDS_0032)
CDS_0036
CDS_0037
TemPhD_cluster_35750_ 17611:31038(+)
tail fiber assembly protein (CDS_0025)
tail fiber protein (CDS_0026)
DNA invertase (CDS_0028)
tail fiber protein (CDS_0024)
tail fiber protein (CDS_0027)
TemPhD_cluster_32197 13807:30166(+)
tail fiber protein (CDS_0024)
DNA invertase (CDS_0028)
TemPhD_cluster_49328 13778:30537(+)
tail fiber protein (CDS_0027)
tail fiber protein (CDS_0024)
DNA invertase (CDS_0028)
TemPhD_cluster_49327 13778:30537(+)
CDS_0021
tail fiber protein (CDS_0026)
CDS_0027
CDS_0028
TemPhD_cluster_18022 13865:30060(+)
tail fiber assembly protein (CDS_0026)
tail fiber protein (CDS_0027)
DNA invertase (CDS_0029)
tail fiber protein (CDS_0025)
tail fiber protein (CDS_0028)
TemPhD_cluster_41213 13793:27539(+)
tail fiber assembly protein (CDS_0027)
tail fiber assembly protein (CDS_0026)
DNA invertase (CDS_0029)
tail fiber protein (CDS_0025)
tail fiber protein (CDS_0028)
TemPhD_cluster_35737_ 13788:27744(+)
anti-repressor (CDS_0031)
tail fiber protein (CDS_0026)
CDS_0032
CDS_0034
CDS_0037
CDS_0027
CDS_0028
CDS_0033
CDS_0036
CDS_0040
TemPhD_cluster_60482 16728:31371(+)
glycosyltransferase (CDS_0026)
tail fiber protein (CDS_0024)
TemPhD_cluster_60573 13827:28325(+)
6000 nt
DNA, RNA and nucleotide metabolism
head and packaging
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence