RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0019)
Cox-like excisionase and repressor (CDS_0015)
Menshen__NsnA (CDS_0017)
baseplate protein (CDS_0022)
CDS_0014
CDS_0021
CDS_0023
CDS_0025
CDS_0013
CDS_0016
CDS_0018
CDS_0020
CDS_0024
tail collar fiber protein (CDS_0026)
IMGVR_UViG_2636415464_000003|2636415464|2636423619|9542-44276 10265:22531(+)
Druantia_II__DruM (CDS_0032)
CDS_0033
CDS_0031
CDS_0030
CDS_0028
IMGVR_UViG_2660238694_000003|2660238694|2660335787|102403-134564 17576:31468(-)
Lamassu-Fam__LmuA_effector_Mrr (CDS_0019)
Lamassu-Fam__LmuB_SMC_Mrr (CDS_0017)
CDS_0011
CDS_0016
Lamassu-Fam__LmuC_acc_Mrr (CDS_0018)
CDS_0021
IMGVR_UViG_3300000888_000007|3300000888|JGI12290J12831_1000226 9183:22845(+)
Lamassu-Fam__LmuA_effector_Mrr (CDS_0018)
Lamassu-Fam__LmuB_SMC_Mrr (CDS_0016)
CDS_0015
Lamassu-Fam__LmuC_acc_Mrr (CDS_0017)
IMGVR_UViG_3300026703_000018|3300026703|Ga0207798_100011|275801-310016 9183:20230(+)
PD-Lambda-1__PD-Lambda-1 (CDS_0019)
CDS_0018
CDS_0020
IMGVR_UViG_2806310835_000001|2806310835|2806364343|1030204-1066006 9654:21924(+)
PD-Lambda-5__PD-Lambda-5_A (CDS_0018)
PD-Lambda-5__PD-Lambda-5_B (CDS_0017)
16
19
20
22
NC_055862.1 8659:22630(+)
PD-Lambda-5__PD-Lambda-5_B (CDS_0017)
PD-Lambda-5__PD-Lambda-5_A (CDS_0018)
CDS_0016
CDS_0019
IMGVR_UViG_2600255056_000002|2600255056|2600282427|51589-86430 8659:20856(+)
CDS_0017
CDS_0016
CDS_0018
CDS_0019
CDS_0021
IMGVR_UViG_2639763116_000002|2639763116|2639843259|9830-44609 9183:20802(+)
CDS_0017
Menshen__NsnB (CDS_0015)
CDS_0016
CDS_0018
IMGVR_UViG_2660237921_000001|2660237921|2660238995|306536-342061 9181:21539(+)
RM_Type_IIG__Type_IIG__Type_IIG_FAM_0.einsi_trimmed (CDS_0020)
PD-Lambda-1__PD-Lambda-1 (CDS_0016)
17
18
19
21
tail fiber protein (CDS_0026)
IMGVR_UViG_2870262238_000005|2870262238|2870262238|3232449-3269843 9401:25191(+)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0018)
CDS_0016
CDS_0017
CDS_0020
IMGVR_UViG_3300029182_000003|3300029182|Ga0168648_100105 9401:25546(+)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0030)
Menshen__NsnC_2726213746 (CDS_0033)
Menshen__NsnB (CDS_0032)
38
39
34
31
28
IMGVR_UViG_2684623128_000003|2684623128|2684693209|993063-1025614 19341:32314(-)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0034)
Menshen__NsnC_2726213746 (CDS_0038)
tail fiber assembly (CDS_0029)
Menshen__NsnB (CDS_0037)
tail fiber protein (CDS_0028)
46
42
41
dehydrogenase (CDS_0039)
36
35
dehydrogenase (CDS_0033)
27
IMGVR_UViG_2630968975_000006|2630968975|2631038458|4-41442 20457:38642(-)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0034)
Menshen__NsnC_2726213746 (CDS_0037)
Menshen__NsnB (CDS_0036)
dehydrogenase (CDS_0038)
35
dehydrogenase (CDS_0033)
IMGVR_UViG_2531839209_000005|2531839209|2531876596|50422-91855 20452:38637(-)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0034)
Menshen__NsnC_2726213746 (CDS_0037)
dehydrogenase (CDS_0039)
Menshen__NsnB (CDS_0036)
38
35
dehydrogenase (CDS_0033)
IMGVR_UViG_640427151_000006|640427151|640427157|1006337-1048976 20452:39843(-)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0034)
Menshen__NsnB (CDS_0037)
dehydrogenase (CDS_0040)
39
38
36
35
dehydrogenase (CDS_0033)
IMGVR_UViG_2617271316_000005|2617271316|2617365255|4-41435 20452:38635(-)
dehydrogenase (CDS_0035)
CDS_0034
dehydrogenase (CDS_0033)
IMGVR_UViG_647000335_000005|647000335|647011806|43069-80201 20452:34336(-)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0035)
Menshen__NsnC_2726213746 (CDS_0038)
transposase (CDS_0039)
dehydrogenase (CDS_0041)
Menshen__NsnB (CDS_0037)
44
43
40
36
dehydrogenase (CDS_0034)
tail fiber protein (CDS_0029)
IMGVR_UViG_640963006_000005|640963006|640964448|42728-85407 20454:39871(-)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0035)
Menshen__NsnC_2726213746 (CDS_0038)
dehydrogenase (CDS_0040)
Menshen__NsnB (CDS_0037)
39
36
dehydrogenase (CDS_0034)
IMGVR_UViG_2718218484_000002|2718218484|2718229328|207977-250151 20454:39366(-)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0031)
Menshen__NsnC_2726213746 (CDS_0034)
Menshen__NsnB (CDS_0033)
40
35
32
dehydrogenase (CDS_0029)
TemPhD_cluster_19540 20889:35658(-)
transposase (CDS_0034)
CDS_0036
CDS_0038
CDS_0035
Flagella (VF0685) (CDS_0033)
IMGVR_UViG_647533244_000007|647533244|647533272|68759-105164 19402:33185(-)
CDS_0033
Flagella (VF0685) (CDS_0031)
CDS_0032
IMGVR_UViG_640963020_000012|640963020|640963528|22008-57096 18833:32169(-)
CDS_0033
Flagella (VF0685) (CDS_0031)
CDS_0032
IMGVR_UViG_640963005_000003|640963005|640964838|69736-105286 18885:32754(-)
Flagella (VF0685) (CDS_0031)
CDS_0032
IMGVR_UViG_2636415432_000004|2636415432|2636419597|427-35298 18885:32075(-)
Flagella (VF0685) (CDS_0031)
CDS_0032
IMGVR_UViG_2531839293_000005|2531839293|2531884710|3-34757 18885:31958(-)
baseplate protein (CDS_0031)
Flagella (VF0685) (CDS_0032)
CDS_0030
CDS_0024
TemPhD_cluster_62472 17689:32006(-)
CDS_0035
CDS_0036
CDS_0031
KF361475.1 18927:31348(-)
CDS_0035
CDS_0033
CDS_0032
IMGVR_UViG_2711768117_000002|2711768117|2711790637 22882:31753(-)
Flagella (VF0685) (CDS_0033)
CDS_0032
CDS_0031
IMGVR_UViG_2521172727_000001|2521172727|2521194632|1478247-1510898 18674:30729(-)
CDS_0037
Flagella (VF0685) (CDS_0035)
TemPhD_cluster_43435 23133:33637(-)
CDS_0034
TemPhD_cluster_62644_ 21405:31919(-)
CDS_0034
CDS_0033
TemPhD_cluster_43689 20857:32143(-)
Avd protein of DGR (CDS_0029)
RT_III-AM_III-B_2 (CDS_0030)
dehydrogenase (CDS_0036)
dehydrogenase (CDS_0035)
CDS_0031
tail protein (CDS_0028)
IMGVR_UViG_2531839020_000001|2531839020|2531842725|29848-64377 19011:32544(-)
37
36
35
34
33
31
30
TemPhD_cluster_62086 20920:35549(-)
36
35
34
33
32
dehydrogenase (CDS_0031)
IMGVR_UViG_2521172724_000003|2521172724|2521194560|939965-973516 19277:33213(-)
7000 nt
DNA, RNA and nucleotide metabolism
integration and excision
other
tail
transcription regulation
unknown function
Defence
Virulence