RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0049)
NinB/ Orf homologous recombination mediator (CDS_0052)
Retron_I_B__ATPase_TOPRIM_COG3593 (CDS_0050)
Mok_Hok_Sok__Hok (CDS_0051)
CDS_0044
CDS_0043
CDS_0042
CDS_0045
CDS_0046
CDS_0047
CDS_0048
CDS_0053
CDS_0054
CDS_0055
CDS_0056
holin (CDS_0057)
IMGVR_UViG_2737471844_000006|2737471844|2737499215|233936-281867 32968:43776(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0048)
Retron_I_B__ATPase_TOPRIM_COG3593 (CDS_0049)
CDS_0047
Mok_Hok_Sok__Hok (CDS_0050)
IMGVR_UViG_2778261632_000003|2778261632|2778331143|88313-137055 33779:44587(+)
BstA abortive infection system (CDS_0049)
Mok_Hok_Sok__Hok (CDS_0050)
CDS_0054
CDS_0048
CDS_0055
TemPhD_cluster_40367 33566:43377(+)
BstA abortive infection system (CDS_0048)
CDS_0047
Mok_Hok_Sok__Hok (CDS_0049)
TemPhD_cluster_59251 34313:44125(+)
CDS_0048
CDS_0049
Gao_Iet__IetS (CDS_0050)
IMGVR_UViG_2690316195_000003|2690316195|2690355679|59497-108738 33967:45086(+)
MokW-like host killing (CDS_0056)
DNA methyltransferase (CDS_0052)
5354
55
57
58
59
TemPhD_cluster_58784 35507:45833(+)
MokW-like host killing (CDS_0052)
DNA methyltransferase (CDS_0049)
50
51
53
IMGVR_UViG_2778261529_000004|2778261529|2778320277|138115-187151 34658:44881(+)
PD-Lambda-2__PD-Lambda-2_C (CDS_0050)
Mok_Hok_Sok__Hok (CDS_0051)
Rst_gop_beta_cII__cII (CDS_0049)
tellurite resistance (CDS_0056)
47 48
52
57
IMGVR_UViG_2531839180_000005|2531839180|2531871503|77982-125742 32328:43792(+)
PD-Lambda-2__PD-Lambda-2_C (CDS_0048)
Mok_Hok_Sok__Hok (CDS_0049)
Rst_gop_beta_cII__cII (CDS_0047)
45 46
50
TciB-like inhibition of cell division or resistance to colicin (CDS_0056)
IMGVR_UViG_2534682287_000007|2534682287|2534812994|215494-263284 32346:43822(+)
43 44
45
46
47
MokW-like host killing (CDS_0048)
TemPhD_cluster_48073 32182:42529(+)
41
42
47
48
49
50
Mok_Hok_Sok__Hok (CDS_0051)
TemPhD_cluster_31600 33246:43953(+)
MokW-like host killing (CDS_0059)
51 52 53 54 55 56 57 58
60
64 65
IMGVR_UViG_2718218452_000011|2718218452|2718229259|3345749-3395388 35288:45469(+)
replication initiation protein (CDS_0043)
DnaC-like helicase loader (CDS_0044)
MokW-like host killing (CDS_0050)
47 48
49
51
55
TemPhD_cluster_20935 33961:44883(+)
transcriptional repressor (CDS_0040)
replication initiation protein (CDS_0042)
MokW-like host killing (CDS_0049)
38
39
46
47
48
50
54
TemPhD_cluster_47631_ 32553:43957(+)
MokW-like host killing (CDS_0050)
CDS_0044
CDS_0048
CDS_0049
CDS_0051
tellurite resistance (CDS_0055)
TemPhD_cluster_58477 34575:45394(+)
MokW-like host killing (CDS_0050)
CDS_0048
CDS_0049
CDS_0051
TemPhD_cluster_58485 34575:45395(+)
MokW-like host killing (CDS_0053)
CDS_0051
CDS_0052
CDS_0054
anti-repressor (CDS_0058)
TemPhD_cluster_34758 35127:46586(+)
released from the phage upon host infection (CDS_0051)
MokW-like host killing (CDS_0053)
49
50
52
54
TemPhD_cluster_47053 34137:44470(+)
replication initiation protein (CDS_0045)
MokW-like host killing (CDS_0052)
4950
51
53
58
TemPhD_cluster_58537 34820:44939(+)
MokW-like host killing (CDS_0052)
4950
51
53
TemPhD_cluster_59050 34742:44701(+)
MokW-like host killing (CDS_0051)
nucleoid associated protein (CDS_0050)
primosomal protein (CDS_0045)
48
49
52
TemPhD_cluster_58597 34657:46432(+)
RosmerTA__RmrT_2585209417 (CDS_0047)
MokW-like host killing (CDS_0049)
RosmerTA__RmrA_2600853143 (CDS_0048)
42
46
50
TemPhD_cluster_39705_ 34218:45060(+)
MokW-like host killing (CDS_0052)
46 47 48 49
50
51
53
anti-termination protein Q-like (CDS_0056)
TemPhD_cluster_17436 31913:43786(+)
Mok_Hok_Sok__Hok (CDS_0051)
CDS_0049
CDS_0050
CDS_0055
TemPhD_cluster_58868 36396:45320(+)
CDS_0048
CDS_0049
Mok_Hok_Sok__Hok (CDS_0050)
TemPhD_cluster_58824 36068:45601(+)
49
50
51
52
Mok_Hok_Sok__Hok (CDS_0053)
TemPhD_cluster_39808_ 35470:45814(+)
45
46
47
48
Mok_Hok_Sok__Hok (CDS_0049)
endolysin (CDS_0055)
TemPhD_cluster_39948_ 34563:45486(+)
Kil protein for bacterial septation inhibition (CDS_0036)
SieB superinfection exclusion (CDS_0037)
DnaC-like helicase loader (CDS_0043)
35
transcriptional repressor (CDS_0040)
Gao_Iet__IetA (CDS_0044)
34
39
primosomal protein (CDS_0042)
45
46
47
transposase (CDS_0052)
53
IMGVR_UViG_2526164669_000023|2526164669|2526183334|203191-252625 28956:45460(+)
transcriptional regulator (CDS_0039)
DnaC-like helicase loader (CDS_0043)
primosomal protein (CDS_0042)
40
44
45
46
47
IMGVR_UViG_2734482783_000006|2734482783|2734685665|3-48929 29821:44959(+)
CBASS__2TM_Gros (CDS_0046)
CDS_0038
primosomal protein (CDS_0042)
CDS_0045
CDS_0047
MokW-like host killing (CDS_0048)
IMGVR_UViG_2558860288_000006|2558860288|2558870093|83352-130739 31684:43420(+)
CDS_0047
CDS_0048
Gao_Iet__IetS (CDS_0049)
TemPhD_cluster_34886 34764:45393(+)
6000 nt
DNA, RNA and nucleotide metabolism
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
transcription regulation
unknown function
Defence