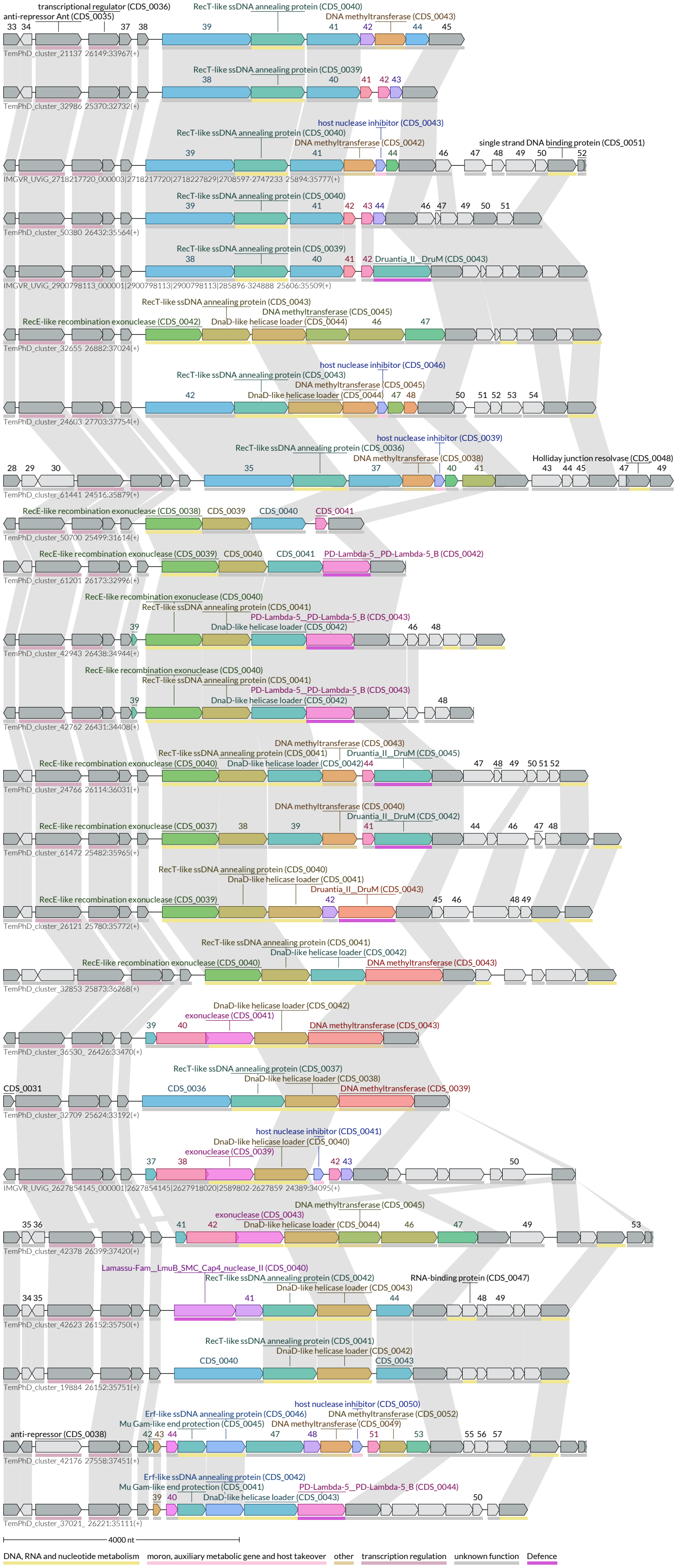
transcriptional regulator (CDS_0036)
anti-repressor Ant (CDS_0035)
RecT-like ssDNA annealing protein (CDS_0040)
DNA methyltransferase (CDS_0043)
33 34 37 38 39 41 42 44 45
TemPhD_cluster_21137 26149:33967(+)
RecT-like ssDNA annealing protein (CDS_0039)
38 40 41 42 43
TemPhD_cluster_32986 25370:32732(+)
host nuclease inhibitor (CDS_0043)
RecT-like ssDNA annealing protein (CDS_0040)
DNA methyltransferase (CDS_0042)
single strand DNA binding protein (CDS_0051)
39 41 44 46 47 48 49 50 52
IMGVR_UViG_2718217720_000003|2718217720|2718227829|2708597-2747233 25894:35777(+)
RecT-like ssDNA annealing protein (CDS_0040)
39 41 42 43 44 46 47 49 50 51
TemPhD_cluster_50380 26432:35564(+)
RecT-like ssDNA annealing protein (CDS_0039)
38 40 41 42 Druantia_II__DruM (CDS_0043)
IMGVR_UViG_2900798113_000001|2900798113|2900798113|285896-324888 25606:35509(+)
RecT-like ssDNA annealing protein (CDS_0043)
DNA methyltransferase (CDS_0045)
RecE-like recombination exonuclease (CDS_0042)
DnaD-like helicase loader (CDS_0044)
46 47
TemPhD_cluster_32655 26882:37024(+)
host nuclease inhibitor (CDS_0046)
RecT-like ssDNA annealing protein (CDS_0043)
DNA methyltransferase (CDS_0045)
42 DnaD-like helicase loader (CDS_0044) 47 48 50 51 52 53 54
TemPhD_cluster_24603 27703:37754(+)
host nuclease inhibitor (CDS_0039)
RecT-like ssDNA annealing protein (CDS_0036)
DNA methyltransferase (CDS_0038)
Holliday junction resolvase (CDS_0048)
28 29 30 35 37 40 41 43 44 45 47 49
TemPhD_cluster_61441 24516:35879(+)
RecE-like recombination exonuclease (CDS_0038) CDS_0039 CDS_0040 CDS_0041
TemPhD_cluster_50700 25499:31614(+)
RecE-like recombination exonuclease (CDS_0039) CDS_0040 CDS_0041 PD-Lambda-5__PD-Lambda-5_B (CDS_0042)
TemPhD_cluster_61201 26173:32996(+)
RecE-like recombination exonuclease (CDS_0040)
RecT-like ssDNA annealing protein (CDS_0041)
PD-Lambda-5__PD-Lambda-5_B (CDS_0043)
39 DnaD-like helicase loader (CDS_0042) 46 48
TemPhD_cluster_42943 26438:34944(+)
RecE-like recombination exonuclease (CDS_0040)
RecT-like ssDNA annealing protein (CDS_0041)
PD-Lambda-5__PD-Lambda-5_B (CDS_0043)
39 DnaD-like helicase loader (CDS_0042) 48
TemPhD_cluster_42762 26431:34408(+)
DNA methyltransferase (CDS_0043)
RecT-like ssDNA annealing protein (CDS_0041)
Druantia_II__DruM (CDS_0045)
RecE-like recombination exonuclease (CDS_0040)
DnaD-like helicase loader (CDS_0042) 44 47 48 49 50 51 52
TemPhD_cluster_24766 26114:36031(+)
DNA methyltransferase (CDS_0040)
Druantia_II__DruM (CDS_0042)
RecE-like recombination exonuclease (CDS_0037) 38 39 41 44 46 47 48
TemPhD_cluster_61472 25482:35965(+)
RecT-like ssDNA annealing protein (CDS_0040)
DnaD-like helicase loader (CDS_0041)
Druantia_II__DruM (CDS_0043)
RecE-like recombination exonuclease (CDS_0039) 42 45 46 48 49
TemPhD_cluster_26121 25780:35772(+)
RecT-like ssDNA annealing protein (CDS_0041)
DnaD-like helicase loader (CDS_0042)
RecE-like recombination exonuclease (CDS_0040)
DNA methyltransferase (CDS_0043)
TemPhD_cluster_32853 25873:36268(+)
DnaD-like helicase loader (CDS_0042)
exonuclease (CDS_0041)
39 40 DNA methyltransferase (CDS_0043)
TemPhD_cluster_36530_ 26426:33470(+)
RecT-like ssDNA annealing protein (CDS_0037)
DnaD-like helicase loader (CDS_0038)
CDS_0031 CDS_0036 DNA methyltransferase (CDS_0039)
TemPhD_cluster_32709 25624:33192(+)
host nuclease inhibitor (CDS_0041)
DnaD-like helicase loader (CDS_0040)
exonuclease (CDS_0039)
37 38 42 43 50
IMGVR_UViG_2627854145_000001|2627854145|2627918020|2589802-2627859 24389:34095(+)
DNA methyltransferase (CDS_0045)
exonuclease (CDS_0043)
35 36 41 42 DnaD-like helicase loader (CDS_0044) 46 47 49 53
TemPhD_cluster_42378 26399:37420(+)
Lamassu-Fam__LmuB_SMC_Cap4_nuclease_II (CDS_0040)
RecT-like ssDNA annealing protein (CDS_0042)
RNA-binding protein (CDS_0047)
DnaD-like helicase loader (CDS_0043)
34 35 41 44 48 49
TemPhD_cluster_42623 26152:35750(+)
RecT-like ssDNA annealing protein (CDS_0041)
DnaD-like helicase loader (CDS_0042)
CDS_0040 CDS_0043
TemPhD_cluster_19884 26152:35751(+)
host nuclease inhibitor (CDS_0050)
Erf-like ssDNA annealing protein (CDS_0046)
DNA methyltransferase (CDS_0052)
Mu Gam-like end protection (CDS_0045)
DNA methyltransferase (CDS_0049)
anti-repressor (CDS_0038) 42 43 44 47 48 51 53 55 56 57
TemPhD_cluster_42176 27558:37451(+)
Erf-like ssDNA annealing protein (CDS_0042)
Mu Gam-like end protection (CDS_0041)
PD-Lambda-5__PD-Lambda-5_B (CDS_0044)
39 40 DnaD-like helicase loader (CDS_0043) 50
TemPhD_cluster_37021_ 26221:35111(+)
4000 nt
DNA, RNA and nucleotide metabolism
moron, auxiliary metabolic gene and host takeover
other
transcription regulation
unknown function
Defence