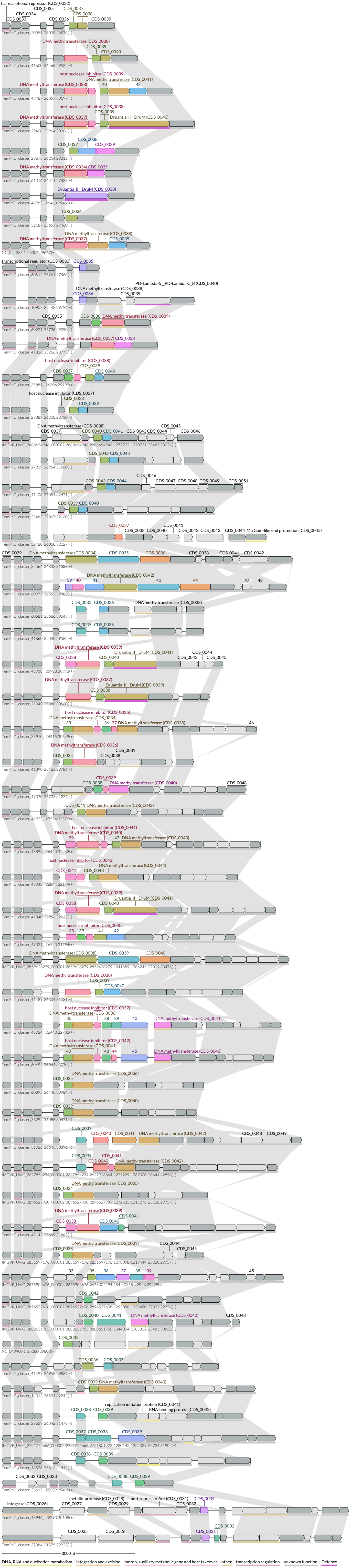
transcriptional repressor (CDS_0032)
CDS_0035
CDS_0037
CDS_0034
CDS_0038
CDS_0033
CDS_0036
CDS_0039
TemPhD_cluster_20351 26039:28578(+)
DNA methyltransferase (CDS_0038)
CDS_0039
CDS_0040
TemPhD_cluster_41600 26468:29522(+)
host nuclease inhibitor (CDS_0039)
DNA methyltransferase (CDS_0041)
DNA methyltransferase (CDS_0038)
40
42
TemPhD_cluster_49487 26357:30197(+)
host nuclease inhibitor (CDS_0038)
CDS_0039
DNA methyltransferase (CDS_0037)
Druantia_II__DruM (CDS_0040)
TemPhD_cluster_29408 25964:30306(+)
CDS_0038
CDS_0037
CDS_0039
TemPhD_cluster_29673 26214:29312(+)
DNA methyltransferase (CDS_0034) CDS_0035
TemPhD_cluster_61016 24511:27433(+)
Druantia_II__DruM (CDS_0038)
TemPhD_cluster_48783_ 26468:29469(+)
CDS_0036
TemPhD_cluster_32187 25657:27960(+)
DNA methyltransferase (CDS_0038)
DNA methyltransferase (CDS_0037)
CDS_0039
NC_024387.1 26306:29647(+)
transcriptional regulator (CDS_0030)
CDS_0035
TemPhD_cluster_60514 25261:27468(+)
PD-Lambda-5__PD-Lambda-5_B (CDS_0040)
DNA methyltransferase (CDS_0038)
CDS_0036
CDS_0039
TemPhD_cluster_10907 25443:29796(+)
CDS_0035
CDS_0038
DNA methyltransferase (CDS_0039)
TemPhD_cluster_60221 25738:29090(+)
DNA methyltransferase (CDS_0037) CDS_0038
TemPhD_cluster_41826 25266:28773(+)
host nuclease inhibitor (CDS_0038)
CDS_0039
CDS_0037
CDS_0040
TemPhD_cluster_35881_ 26306:29199(+)
host nuclease inhibitor (CDS_0037)
CDS_0038
CDS_0039
TemPhD_cluster_29389 26208:28730(+)
DNA methyltransferase (CDS_0038)
CDS_0045
CDS_0037
CDS_0040 CDS_0041
CDS_0043 CDS_0044
CDS_0046
IMGVR_UViG_2888654946_000002|2888654946|2888654946|1277722-1320731 25483:30026(+)
CDS_0042 CDS_0043
TemPhD_cluster_27239 26954:31500(+)
CDS_0046
CDS_0043 CDS_0044
CDS_0047 CDS_0048 CDS_0049
CDS_0051
TemPhD_cluster_41108 27054:32471(+)
CDS_0039 CDS_0040
TemPhD_cluster_35483 27367:32160(+)
CDS_0037
CDS_0041
CDS_0038 CDS_0040
CDS_0042 CDS_0043
CDS_0044 Mu Gam-like end protection (CDS_0045)
TemPhD_cluster_32420 26058:32027(+)
CDS_0029
DNA methyltransferase (CDS_0034)
CDS_0035
CDS_0036
CDS_0038
CDS_0041
CDS_0042
TemPhD_cluster_35564 24832:31383(+)
DNA methyltransferase (CDS_0042)
39 40
41
43
44
47 48
TemPhD_cluster_60277 26562:32983(+)
CDS_0035 CDS_0036
DNA methyltransferase (CDS_0038)
TemPhD_cluster_60681 25686:30243(+)
CDS_0035 CDS_0036
TemPhD_cluster_41860 25040:29582(+)
DNA methyltransferase (CDS_0039)
Druantia_II__DruM (CDS_0041)
CDS_0044
CDS_0038
CDS_0040
CDS_0043
CDS_0045
TemPhD_cluster_48918_ 25988:30973(+)
DNA methyltransferase (CDS_0037)
Druantia_II__DruM (CDS_0039)
CDS_0038
TemPhD_cluster_21049 25880:30560(+)
host nuclease inhibitor (CDS_0035)
DNA methyltransferase (CDS_0034)
33
36 37 DNA methyltransferase (CDS_0038)
46
TemPhD_cluster_35910_ 24915:30649(+)
DNA methyltransferase (CDS_0036)
CDS_0039
CDS_0035
CDS_0038
TemPhD_cluster_41390 25463:29786(+)
CDS_0039
CDS_0038
DNA methyltransferase (CDS_0040)
CDS_0048
TemPhD_cluster_49370 25733:31237(+)
CDS_0041 DNA methyltransferase (CDS_0042)
TemPhD_cluster_48923_ 27594:32579(+)
host nuclease inhibitor (CDS_0041)
DNA methyltransferase (CDS_0040)
39
42 DNA methyltransferase (CDS_0043)
TemPhD_cluster_48893_ 26440:32262(+)
host nuclease inhibitor (CDS_0042)
DNA methyltransferase (CDS_0044)
CDS_0041
CDS_0043
TemPhD_cluster_49048_ 26844:32149(+)
DNA methyltransferase (CDS_0039)
Druantia_II__DruM (CDS_0041)
CDS_0038
CDS_0040
TemPhD_cluster_41340 25956:32123(+)
host nuclease inhibitor (CDS_0040)
38 39
41
42
TemPhD_cluster_49021_ 26523:31794(+)
DNA methyltransferase (CDS_0038)
CDS_0039
CDS_0040
IMGVR_UViG_2859628279_000001|2859628279|2859628279|1241859-1286245 27009:33476(+)
DNA methyltransferase (CDS_0038)
CDS_0039
CDS_0040
TemPhD_cluster_41489 26304:31731(+)
host nuclease inhibitor (CDS_0037)
DNA methyltransferase (CDS_0036)
35
38 39
40
DNA methyltransferase (CDS_0041)
TemPhD_cluster_48924_ 26440:32732(+)
host nuclease inhibitor (CDS_0042)
DNA methyltransferase (CDS_0041)
40
43 44
45
DNA methyltransferase (CDS_0046)
TemPhD_cluster_60494 26944:33070(+)
DNA methyltransferase (CDS_0036)
CDS_0035
TemPhD_cluster_60895 26440:30984(+)
DNA methyltransferase (CDS_0040)
CDS_0039
TemPhD_cluster_36292 26088:30471(+)
CDS_0039
CDS_0040
CDS_0041
DNA methyltransferase (CDS_0042)
CDS_0048
CDS_0049
TemPhD_cluster_31926 26643:33396(+)
CDS_0039
CDS_0041
CDS_0040
DNA methyltransferase (CDS_0042)
IMGVR_UViG_2627854234_000001|2627854234|2627926844|1225229-1269000 26644:32858(+)
DNA methyltransferase (CDS_0035)
CDS_0034
IMGVR_UViG_2896527930_000002|2896527930|2896527930|1272535-1315276 25128:29757(+)
DNA methyltransferase (CDS_0039)
CDS_0041
CDS_0038
CDS_0040
TemPhD_cluster_49142 25689:31863(+)
DNA methyltransferase (CDS_0039)
CDS_0044
CDS_0038
CDS_0045
IMGVR_UViG_2851597176_000001|2851597176|2851597176|1278008-1319444 25220:29757(+)
33
35
36
37
38
39
45
IMGVR_UViG_2675903676_000003|2675903676|2676004194|154-40358 22948:29299(+)
CDS_0042
IMGVR_UViG_2896537608_000002|2896537608|2896537608|1295358-1338490 27832:32756(+)
CDS_0040
CDS_0041
DNA methyltransferase (CDS_0042)
CDS_0048
IMGVR_UViG_2888651755_000001|2888651755|2888651755|1244324-1285332 25483:30838(+)
CDS_0035
NC_049900.1 25080:29803(+)
CDS_0036
CDS_0037
TemPhD_cluster_41499 24958:29837(+)
CDS_0039 DNA methyltransferase (CDS_0040)
TemPhD_cluster_14014 26531:32242(+)
replication initiation protein (CDS_0041)
CDS_0038
CDS_0039
RNA-binding protein (CDS_0042)
TemPhD_cluster_29639 26042:31478(+)
CDS_0037
CDS_0038
CDS_0039
IMGVR_UViG_2721755666_000002|2721755666|2721801222|1280142-1322029 25734:31905(+)
CDS_0038
CDS_0039
TemPhD_cluster_48528 25813:31412(+)
CDS_0032 CDS_0033
CDS_0038
CDS_0039
TemPhD_cluster_35615_ 25539:29415(+)
metallo-protease (CDS_0028)
anti-repressor Ant (CDS_0031)
CDS_0034
integrase (CDS_0026)
CDS_0027
CDS_0029
CDS_0032
TemPhD_cluster_48946_ 22293:30108(+)
CDS_0032
CDS_0025
CDS_0026
CDS_0031
TemPhD_cluster_32384 21575:29222(+)
3000 nt
DNA, RNA and nucleotide metabolism
integration and excision
moron, auxiliary metabolic gene and host takeover
other
transcription regulation
unknown function
Defence