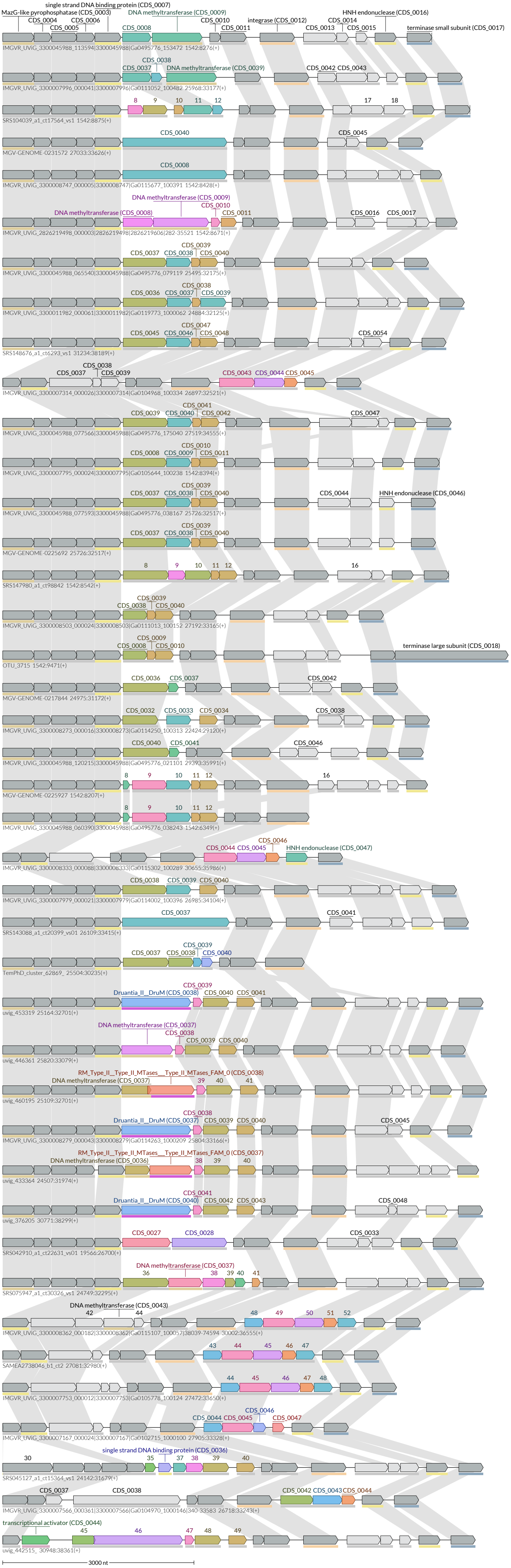
single strand DNA binding protein (CDS_0007)
MazG-like pyrophosphatase (CDS_0003)
CDS_0004
CDS_0005
CDS_0006
DNA methyltransferase (CDS_0009)
CDS_0008
CDS_0010
CDS_0011
integrase (CDS_0012)
CDS_0013
CDS_0014
CDS_0015
HNH endonuclease (CDS_0016)
terminase small subunit (CDS_0017)
IMGVR_UViG_3300045988_113594|3300045988|Ga0495776_153472 1542:8276(+)
CDS_0037
CDS_0038
DNA methyltransferase (CDS_0039)
CDS_0042
CDS_0043
IMGVR_UViG_3300007996_000041|3300007996|Ga0111052_100482 25968:33177(+)
8
9
10
11
12
17
18
SRS104039_a1_ct17564_vs1 1542:8875(+)
CDS_0040
CDS_0045
MGV-GENOME-0231572 27033:33626(+)
CDS_0008
IMGVR_UViG_3300008747_000005|3300008747|Ga0115677_100391 1542:8428(+)
DNA methyltransferase (CDS_0009)
CDS_0010
DNA methyltransferase (CDS_0008)
CDS_0011
CDS_0016
CDS_0017
IMGVR_UViG_2826219498_000003|2826219498|2826219606|282-35521 1542:8671(+)
CDS_0039
CDS_0037
CDS_0038
CDS_0040
IMGVR_UViG_3300045988_065540|3300045988|Ga0495776_079119 25495:32175(+)
CDS_0038
CDS_0036
CDS_0037
CDS_0039
IMGVR_UViG_3300011982_000061|3300011982|Ga0119773_1000062 24884:32125(+)
CDS_0047
CDS_0045
CDS_0046
CDS_0048
CDS_0054
SRS148676_a1_ct6293_vs1 31234:38189(+)
CDS_0038
CDS_0037
CDS_0039
CDS_0043
CDS_0044
CDS_0045
IMGVR_UViG_3300007314_000026|3300007314|Ga0104968_100334 26897:32521(+)
CDS_0041
CDS_0039
CDS_0040
CDS_0042
CDS_0047
IMGVR_UViG_3300045988_077566|3300045988|Ga0495776_175040 27519:34555(+)
CDS_0010
CDS_0008
CDS_0009
CDS_0011
IMGVR_UViG_3300007795_000024|3300007795|Ga0105644_100238 1542:8394(+)
CDS_0039
CDS_0037
CDS_0038
CDS_0040
CDS_0044
HNH endonuclease (CDS_0046)
IMGVR_UViG_3300045988_077593|3300045988|Ga0495776_038167 25726:32517(+)
CDS_0039
CDS_0037
CDS_0038
CDS_0040
MGV-GENOME-0225692 25726:32517(+)
8
9
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11
12
16
SRS147980_a1_ct98842 1542:8542(+)
CDS_0039
CDS_0038
CDS_0040
IMGVR_UViG_3300008503_000024|3300008503|Ga0111013_100152 27192:33165(+)
CDS_0009
CDS_0008
CDS_0010
terminase large subunit (CDS_0018)
OTU_3715 1542:9471(+)
CDS_0036
CDS_0037
CDS_0042
MGV-GENOME-0217844 24975:31172(+)
CDS_0032
CDS_0033
CDS_0034
CDS_0038
IMGVR_UViG_3300008273_000016|3300008273|Ga0114250_100313 22424:29120(+)
CDS_0040
CDS_0041
CDS_0046
IMGVR_UViG_3300045988_120215|3300045988|Ga0495776_021101 29393:35991(+)
8
9
10
11
12
16
MGV-GENOME-0225927 1542:8207(+)
8
9
10
11
12
IMGVR_UViG_3300045988_060390|3300045988|Ga0495776_038243 1542:6349(+)
CDS_0046
CDS_0044
CDS_0045
HNH endonuclease (CDS_0047)
IMGVR_UViG_3300008333_000088|3300008333|Ga0115302_100289 30655:35986(+)
CDS_0038
CDS_0039
CDS_0040
IMGVR_UViG_3300007979_000021|3300007979|Ga0114002_100396 26985:34104(+)
CDS_0037
CDS_0041
SRS143088_a1_ct20399_vs01 26109:33415(+)
CDS_0039
CDS_0037
CDS_0038
CDS_0040
TemPhD_cluster_62869_ 25504:30235(+)
CDS_0039
Druantia_II__DruM (CDS_0038)
CDS_0040
CDS_0041
uvig_453319 25164:32701(+)
DNA methyltransferase (CDS_0037)
CDS_0038
CDS_0039
CDS_0040
uvig_446361 25820:33079(+)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0038)
DNA methyltransferase (CDS_0037)
39
40
41
uvig_460195 25109:32701(+)
CDS_0038
Druantia_II__DruM (CDS_0037)
CDS_0039
CDS_0040
CDS_0045
IMGVR_UViG_3300008279_000043|3300008279|Ga0114263_1000209 25804:33166(+)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0037)
DNA methyltransferase (CDS_0036)
38
39
40
uvig_433364 24507:31974(+)
CDS_0041
Druantia_II__DruM (CDS_0040)
CDS_0042
CDS_0043
CDS_0048
uvig_376205 30771:38299(+)
CDS_0027
CDS_0028
CDS_0033
SRS042910_a1_ct22631_vs01 19566:26700(+)
DNA methyltransferase (CDS_0037)
36
38
39
40
41
SRS075947_a1_ct30326_vs1 24749:32295(+)
DNA methyltransferase (CDS_0043)
42
44
48
49
50
51
52
IMGVR_UViG_3300008362_000182|3300008362|Ga0115107_100057|38039-74594 30002:36555(+)
43
44
45
46
47
SAMEA2738046_b1_ct2 27081:32980(+)
44
45
46
47
48
IMGVR_UViG_3300007753_000012|3300007753|Ga0105778_100124 27472:33650(+)
CDS_0046
CDS_0044
CDS_0045
CDS_0047
IMGVR_UViG_3300007167_000024|3300007167|Ga0102715_1000100 27905:33328(+)
single strand DNA binding protein (CDS_0036)
30
35
37
38
39
40
SRS045127_a1_ct15364_vs1 24142:31679(+)
CDS_0037
CDS_0038
CDS_0042
CDS_0043
CDS_0044
IMGVR_UViG_3300007566_000361|3300007566|Ga0104970_1000146|340-33583 26718:33243(+)
transcriptional activator (CDS_0044)
45
46
47
48
49
uvig_442515_ 30948:38361(+)
3000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
other
transcription regulation
unknown function
Defence