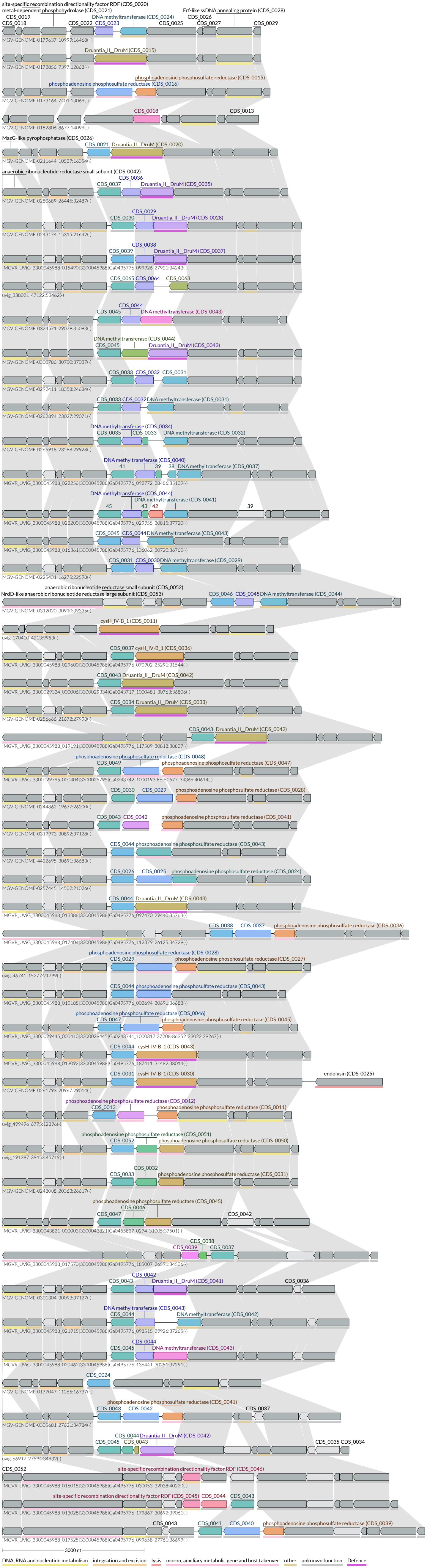
site-specific recombination directionality factor RDF (CDS_0020)
metal-dependent phosphohydrolase (CDS_0021)
Erf-like ssDNA annealing protein (CDS_0028)
CDS_0019
CDS_0018
DNA methyltransferase (CDS_0024)
CDS_0026
CDS_0022
CDS_0023
CDS_0025
CDS_0027
CDS_0029
MGV-GENOME-0179637 10999:16468(+)
Druantia_II__DruM (CDS_0015)
MGV-GENOME-0172856 7397:12868(-)
phosphoadenosine phosphosulfate reductase (CDS_0015)
phosphoadenosine phosphosulfate reductase (CDS_0016)
MGV-GENOME-0173164 7401:13069(-)
CDS_0018
CDS_0013
MGV-GENOME-0182806 8677:14099(-)
MazG-like pyrophosphatase (CDS_0026)
CDS_0021
Druantia_II__DruM (CDS_0020)
MGV-GENOME-0211644 10537:16354(-)
anaerobic ribonucleotide reductase small subunit (CDS_0042)
CDS_0036
CDS_0037
Druantia_II__DruM (CDS_0035)
MGV-GENOME-0280689 26445:32487(-)
CDS_0029
CDS_0030
Druantia_II__DruM (CDS_0028)
MGV-GENOME-0243174 15315:21642(-)
CDS_0038
CDS_0039
Druantia_II__DruM (CDS_0037)
IMGVR_UViG_3300045988_015490|3300045988|Ga0495776_099926 27921:34243(-)
CDS_0065
CDS_0064
CDS_0063
uvig_338021 47122:53462(-)
CDS_0044
CDS_0045
DNA methyltransferase (CDS_0043)
MGV-GENOME-0324571 29079:35093(-)
DNA methyltransferase (CDS_0044)
CDS_0045
Druantia_II__DruM (CDS_0043)
MGV-GENOME-0300786 30700:37037(-)
CDS_0033
CDS_0032
CDS_0031
MGV-GENOME-0292411 18358:24684(-)
CDS_0033
CDS_0032
DNA methyltransferase (CDS_0031)
MGV-GENOME-0262894 23027:29071(-)
DNA methyltransferase (CDS_0034)
CDS_0035
CDS_0033
DNA methyltransferase (CDS_0032)
MGV-GENOME-0266918 23588:29928(-)
DNA methyltransferase (CDS_0040)
41
39
38
DNA methyltransferase (CDS_0037)
IMGVR_UViG_3300045988_022256|3300045988|Ga0495776_092772 28486:35109(-)
DNA methyltransferase (CDS_0044)
DNA methyltransferase (CDS_0041)
45
43
42
39
IMGVR_UViG_3300045988_022200|3300045988|Ga0495776_029955 30815:37720(-)
CDS_0045
CDS_0044
DNA methyltransferase (CDS_0043)
IMGVR_UViG_3300045988_016361|3300045988|Ga0495776_136062 30720:36760(-)
CDS_0031
CDS_0030
DNA methyltransferase (CDS_0029)
MGV-GENOME-0225431 16275:22598(-)
anaerobic ribonucleotide reductase small subunit (CDS_0052)
NrdD-like anaerobic ribonucleotide reductase large subunit (CDS_0053)
CDS_0046
CDS_0045
DNA methyltransferase (CDS_0044)
MGV-GENOME-0312020 30910:39335(-)
cysH_IV-B_1 (CDS_0011)
uvig_170410 4213:9953(-)
CDS_0037
cysH_IV-B_1 (CDS_0036)
IMGVR_UViG_3300045988_029600|3300045988|Ga0495776_070902 25291:31544(-)
CDS_0043
Druantia_II__DruM (CDS_0042)
IMGVR_UViG_3300029334_000006|3300029334|Ga0243717_1000481 30763:36806(-)
CDS_0034
Druantia_II__DruM (CDS_0033)
MGV-GENOME-0256666 21672:27998(-)
CDS_0043
Druantia_II__DruM (CDS_0042)
IMGVR_UViG_3300045988_019191|3300045988|Ga0495776_117589 30818:38837(-)
phosphoadenosine phosphosulfate reductase (CDS_0048)
CDS_0049
phosphoadenosine phosphosulfate reductase (CDS_0047)
IMGVR_UViG_3300029795_000404|3300029795|Ga0243742_1000193|86-50577 34369:40614(-)
CDS_0030
CDS_0029
phosphoadenosine phosphosulfate reductase (CDS_0028)
MGV-GENOME-0244862 19677:26200(-)
CDS_0043
CDS_0042
phosphoadenosine phosphosulfate reductase (CDS_0041)
MGV-GENOME-0317973 30892:37128(-)
CDS_0044
phosphoadenosine phosphosulfate reductase (CDS_0043)
MGV-GENOME-4422695 30691:36683(-)
CDS_0026
CDS_0025
phosphoadenosine phosphosulfate reductase (CDS_0024)
MGV-GENOME-0257445 14502:21026(-)
CDS_0044
Druantia_II__DruM (CDS_0043)
IMGVR_UViG_3300045988_013388|3300045988|Ga0495776_097470 29440:35763(-)
CDS_0038
CDS_0037
phosphoadenosine phosphosulfate reductase (CDS_0036)
IMGVR_UViG_3300045988_017404|3300045988|Ga0495776_112379 26125:34729(-)
phosphoadenosine phosphosulfate reductase (CDS_0028)
CDS_0029
phosphoadenosine phosphosulfate reductase (CDS_0027)
uvig_46741 15277:21799(-)
CDS_0044
phosphoadenosine phosphosulfate reductase (CDS_0043)
IMGVR_UViG_3300045988_010185|3300045988|Ga0495776_002694 30691:36683(-)
phosphoadenosine phosphosulfate reductase (CDS_0046)
CDS_0047
phosphoadenosine phosphosulfate reductase (CDS_0045)
IMGVR_UViG_3300029445_000410|3300029445|Ga0243741_1000317|37208-86352 33022:39267(-)
CDS_0044
cysH_IV-B_1 (CDS_0043)
IMGVR_UViG_3300045988_013092|3300045988|Ga0495776_187411 31482:38014(-)
CDS_0031
cysH_IV-B_1 (CDS_0030)
endolysin (CDS_0025)
MGV-GENOME-0261793 20967:29014(-)
phosphoadenosine phosphosulfate reductase (CDS_0012)
CDS_0013
phosphoadenosine phosphosulfate reductase (CDS_0011)
uvig_499496 6775:12896(-)
phosphoadenosine phosphosulfate reductase (CDS_0051)
CDS_0052
phosphoadenosine phosphosulfate reductase (CDS_0050)
uvig_191397 39453:45719(-)
CDS_0032
CDS_0033
phosphoadenosine phosphosulfate reductase (CDS_0031)
MGV-GENOME-0248008 20363:26617(-)
phosphoadenosine phosphosulfate reductase (CDS_0045)
CDS_0046
CDS_0047
CDS_0042
IMGVR_UViG_3300043821_000003|3300043821|Ga0455827_0274 31005:37501(-)
CDS_0038
CDS_0039
CDS_0037
IMGVR_UViG_3300045988_017570|3300045988|Ga0495776_185007 26591:34536(-)
CDS_0042
CDS_0043
Druantia_II__DruM (CDS_0041)
CDS_0036
MGV-GENOME-0301304 30093:37127(-)
DNA methyltransferase (CDS_0043)
CDS_0044
DNA methyltransferase (CDS_0042)
IMGVR_UViG_3300045988_021915|3300045988|Ga0495776_098515 29926:37265(-)
CDS_0044
CDS_0045
DNA methyltransferase (CDS_0043)
IMGVR_UViG_3300045988_020462|3300045988|Ga0495776_136441 30251:37291(-)
CDS_0024
MGV-GENOME-0177047 11265:16737(+)
phosphoadenosine phosphosulfate reductase (CDS_0041)
CDS_0043
CDS_0042
CDS_0037
MGV-GENOME-0305681 27621:34784(-)
CDS_0044
Druantia_II__DruM (CDS_0042)
CDS_0045
CDS_0043
CDS_0035
CDS_0034
uvig_66917 27594:34932(-)
CDS_0052
site-specific recombination directionality factor RDF (CDS_0046)
IMGVR_UViG_3300045988_016015|3300045988|Ga0495776_030053 32038:40220(-)
site-specific recombination directionality factor RDF (CDS_0045)
CDS_0044
CDS_0043
IMGVR_UViG_3300045988_013028|3300045988|Ga0495776_179867 30692:39061(-)
CDS_0043
CDS_0041
CDS_0040
phosphoadenosine phosphosulfate reductase (CDS_0039)
IMGVR_UViG_3300045988_017525|3300045988|Ga0495776_099658 27761:36699(-)
3000 nt
DNA, RNA and nucleotide metabolism
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
unknown function
Defence