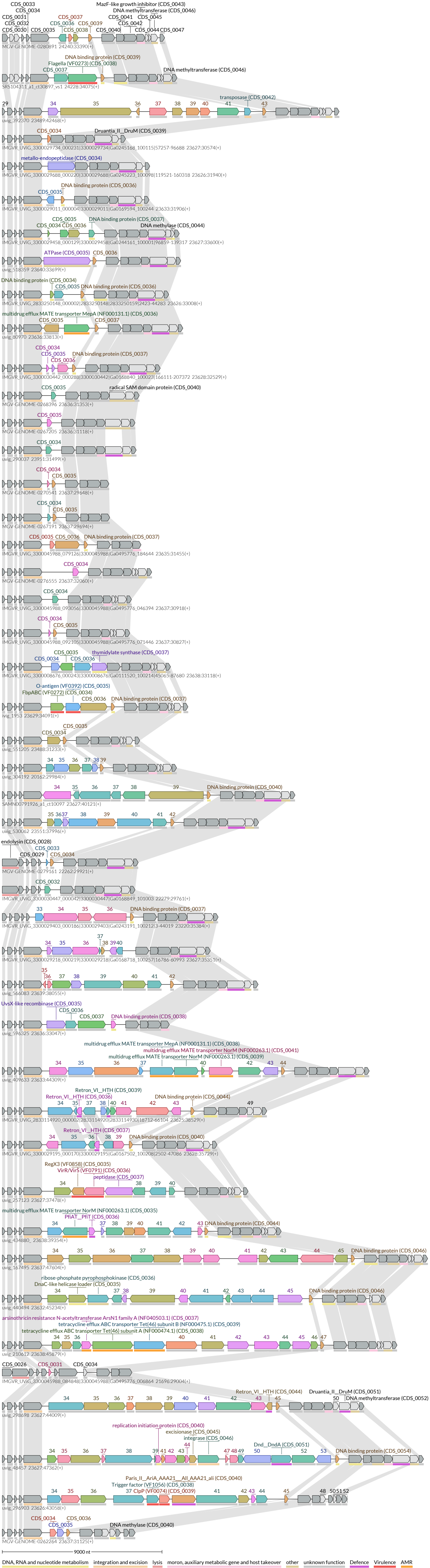
CDS_0033
CDS_0034
CDS_0031
CDS_0032
CDS_0030
CDS_0035
CDS_0037
CDS_0036
CDS_0039
CDS_0038
MazF-like growth inhibitor (CDS_0043)
DNA methyltransferase (CDS_0046)
CDS_0041
CDS_0045
CDS_0042
CDS_0040
CDS_0044
CDS_0047
MGV-GENOME-0280891 24240:33390(+)
DNA binding protein (CDS_0039)
Flagella (VF0273) (CDS_0038)
CDS_0037
DNA methyltransferase (CDS_0046)
SRS104311_a1_ct30897_vs1 24228:34075(+)
transposase (CDS_0042)
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uvig_392370 23489:42468(+)
CDS_0034
Druantia_II__DruM (CDS_0039)
IMGVR_UViG_3300029734_000231|3300029734|Ga0245168_100115|57257-96688 23627:30574(+)
metallo-endopeptidase (CDS_0034)
IMGVR_UViG_3300029688_000220|3300029688|Ga0245223_100098|119521-160318 23626:31940(+)
DNA binding protein (CDS_0036)
CDS_0035
IMGVR_UViG_3300029011_000004|3300029011|Ga0169594_100244 23633:31906(+)
CDS_0035
DNA binding protein (CDS_0037)
CDS_0034
CDS_0036
DNA methylase (CDS_0044)
IMGVR_UViG_3300029458_000129|3300029458|Ga0244161_100001|96859-139317 23627:33600(+)
ATPase (CDS_0035)
CDS_0036
uvig_518359 23640:33699(+)
DNA binding protein (CDS_0034)
CDS_0035
DNA binding protein (CDS_0036)
IMGVR_UViG_2833250148_000002|2833250148|2833250159|2423-44283 23626:33008(+)
multidrug efflux MATE transporter MepA (NF000131.1) (CDS_0036)
CDS_0035
CDS_0037
uvig_80970 23636:33813(+)
CDS_0034
CDS_0035
DNA binding protein (CDS_0037)
CDS_0036
IMGVR_UViG_3300030442_000288|3300030442|Ga0168840_100023|166111-207372 23628:32529(+)
CDS_0035
radical SAM domain protein (CDS_0040)
MGV-GENOME-0268396 23636:31353(+)
CDS_0035
MGV-GENOME-0267205 23636:31118(+)
CDS_0034
uvig_290037 23951:31499(+)
CDS_0034
CDS_0035
MGV-GENOME-0270541 23637:29648(+)
CDS_0034
CDS_0035
MGV-GENOME-0267191 23637:29694(+)
CDS_0035
CDS_0036
DNA binding protein (CDS_0037)
IMGVR_UViG_3300045988_079126|3300045988|Ga0495776_184644 23635:31455(+)
CDS_0034
MGV-GENOME-0276555 23637:32060(+)
CDS_0034
IMGVR_UViG_3300045988_093056|3300045988|Ga0495776_046394 23637:30918(+)
CDS_0034
CDS_0035
IMGVR_UViG_3300045988_092105|3300045988|Ga0495776_071446 23637:30827(+)
CDS_0035
thymidylate synthase (CDS_0037)
CDS_0034
CDS_0036
IMGVR_UViG_3300008676_000243|3300008676|Ga0111520_100214|45065-87680 23638:33118(+)
O-antigen (VF0392) (CDS_0035)
FbpABC (VF0272) (CDS_0034)
CDS_0036
DNA binding protein (CDS_0037)
ivig_1953 23629:34091(+)
CDS_0035
CDS_0034
uvig_551205 23488:31233(+)
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uvig_304192 20162:29984(+)
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DNA binding protein (CDS_0040)
SAMN00791926_a1_ct10097 23627:40121(+)
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uvig_530062 23551:37996(+)
endolysin (CDS_0028)
CDS_0033
CDS_0029
CDS_0034
MGV-GENOME-0279161 22262:29921(+)
CDS_0032
IMGVR_UViG_3300030447_000042|3300030447|Ga0168849_101003 22279:29761(+)
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DNA binding protein (CDS_0037)
IMGVR_UViG_3300029403_000186|3300029403|Ga0243191_100212|3-44019 23220:35384(+)
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IMGVR_UViG_3300029218_000219|3300029218|Ga0168718_100257|16786-60993 23627:35351(+)
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uvig_566083 23639:38055(+)
UvsX-like recombinase (CDS_0035)
CDS_0036
CDS_0037
DNA binding protein (CDS_0038)
uvig_596325 23636:33047(+)
multidrug efflux MATE transporter MepA (NF000131.1) (CDS_0038)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0041)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0039)
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uvig_409633 23633:44309(+)
Retron_VI__HTH (CDS_0039)
Retron_VI__HTH (CDS_0036)
DNA binding protein (CDS_0044)
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IMGVR_UViG_2833114920_000002|2833114920|2833114930|18712-66104 23625:38529(+)
Retron_VI__HTH (CDS_0037)
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DNA binding protein (CDS_0040)
IMGVR_UViG_3300029195_000170|3300029195|Ga0167502_100208|2502-47086 23628:35729(+)
RegX3 (VF0858) (CDS_0035)
VirR/VirS (VF0791) (CDS_0036)
peptidase (CDS_0037)
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uvig_257123 23627:37478(+)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0035)
PfiAT__PfiT (CDS_0036)
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DNA binding protein (CDS_0044)
uvig_434880_ 23638:39354(+)
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DNA binding protein (CDS_0046)
uvig_167495 23637:47604(+)
ribose-phosphate pyrophosphokinase (CDS_0036)
DnaC-like helicase loader (CDS_0035)
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DNA binding protein (CDS_0046)
uvig_440494 23632:45234(+)
arsinothricin resistance N-acetyltransferase ArsN1 family A (NF040503.1) (CDS_0037)
tetracycline efflux ABC transporter Tet(46) subunit B (NF000475.1) (CDS_0039)
tetracycline efflux ABC transporter Tet(46) subunit A (NF000474.1) (CDS_0038)
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uvig_210612 23638:45879(+)
CDS_0026
CDS_0031
CDS_0034
IMGVR_UViG_3300045988_084848|3300045988|Ga0495776_006864 21696:29004(+)
Retron_VI__HTH (CDS_0044)
Druantia_II__DruM (CDS_0051)
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DNA methyltransferase (CDS_0052)
uvig_298698 23627:44009(+)
replication initiation protein (CDS_0040)
excisionase (CDS_0045)
integrase (CDS_0046)
Dnd__DndA (CDS_0051)
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DNA binding protein (CDS_0054)
uvig_48457 23627:47362(+)
Paris_II__AriA_AAA21__All_AAA21_ali (CDS_0040)
Trigger factor (VF1056) (CDS_0038)
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ClpP (VF0074) (CDS_0039)
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uvig_296903 23626:43058(+)
CDS_0034
CDS_0036
CDS_0035
DNA methylase (CDS_0040)
MGV-GENOME-0262264 23637:31125(+)
9000 nt
DNA, RNA and nucleotide metabolism
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
unknown function
Defence
Virulence
AMR