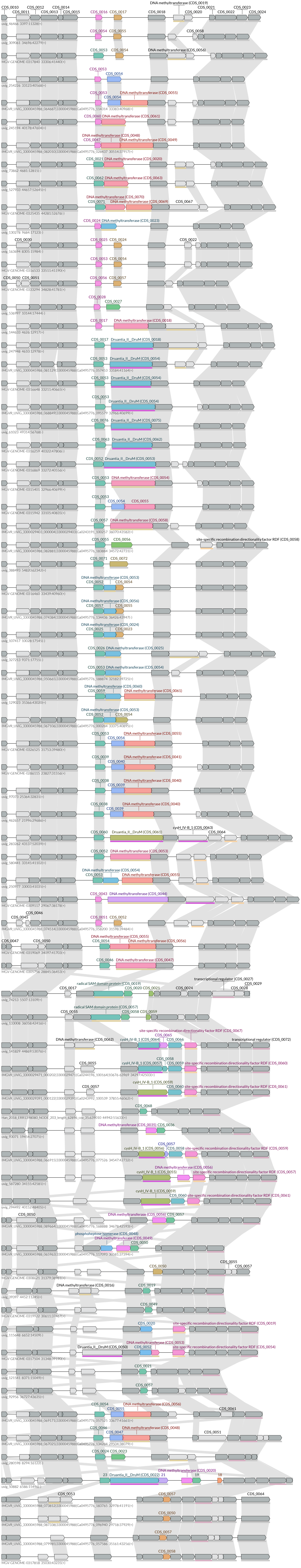
CDS_0010
CDS_0011
CDS_0012
CDS_0013
CDS_0014
CDS_0015
CDS_0016
CDS_0017
CDS_0018
DNA methyltransferase (CDS_0019)
CDS_0020
CDS_0021
CDS_0022
CDS_0023
CDS_0024
uvig_46466 3397:11328(+)
CDS_0054
CDS_0055
CDS_0058
uvig_309061 34696:42279(+)
CDS_0053
CDS_0054
DNA methyltransferase (CDS_0056)
MGV-GENOME-0317840 33306:41440(+)
CDS_0053
CDS_0054
uvig_254226 33123:40568(+)
CDS_0053
CDS_0054
DNA methyltransferase (CDS_0055)
IMGVR_UViG_3300045988_064687|3300045988|Ga0495776_114314 33383:40968(+)
CDS_0060
DNA methyltransferase (CDS_0061)
uvig_245194 40178:47604(+)
DNA methyltransferase (CDS_0048)
CDS_0047
DNA methyltransferase (CDS_0049)
IMGVR_UViG_3300045988_082010|3300045988|Ga0495776_028437 30514:37957(+)
CDS_0021
DNA methyltransferase (CDS_0020)
uvig_73862 4681:12815(-)
CDS_0062
DNA methyltransferase (CDS_0063)
uvig_527933 44657:52645(+)
DNA methyltransferase (CDS_0070)
CDS_0071
DNA methyltransferase (CDS_0069)
CDS_0067
MGV-GENOME-0325435 44281:52676(-)
CDS_0024
DNA methyltransferase (CDS_0023)
uvig_130278 9684:17123(-)
CDS_0030
CDS_0025
CDS_0024
CDS_0022
uvig_163694 8305:15984(-)
CDS_0053
CDS_0054
MGV-GENOME-0316533 33511:41190(+)
CDS_0050
CDS_0051
CDS_0056
CDS_0057
MGV-GENOME-0333294 34828:41781(+)
CDS_0028
CDS_0027
uvig_536997 10144:17444(-)
CDS_0017
DNA methyltransferase (CDS_0018)
uvig_144633 4626:12917(+)
CDS_0017
Druantia_II__DruM (CDS_0018)
uvig_247948 4610:12978(+)
CDS_0053
Druantia_II__DruM (CDS_0054)
IMGVR_UViG_3300045988_081129|3300045988|Ga0495776_057453 33184:41164(+)
CDS_0053
Druantia_II__DruM (CDS_0054)
MGV-GENOME-0316648 33211:40665(+)
CDS_0053
Druantia_II__DruM (CDS_0054)
IMGVR_UViG_3300045988_068849|3300045988|Ga0495776_095579 32966:40699(+)
CDS_0076
Druantia_II__DruM (CDS_0075)
uvig_61023 49314:56768(-)
CDS_0063
Druantia_II__DruM (CDS_0062)
MGV-GENOME-0316259 40322:47806(-)
CDS_0052
Druantia_II__DruM (CDS_0053)
MGV-GENOME-0316869 33272:40556(+)
CDS_0053
DNA methyltransferase (CDS_0054)
MGV-GENOME-0315401 32966:40699(+)
CDS_0053
CDS_0054
CDS_0055
MGV-GENOME-0315942 33105:40835(+)
CDS_0057
DNA methyltransferase (CDS_0058)
IMGVR_UViG_3300029403_000004|3300029403|Ga0243191_100257 36070:43582(+)
CDS_0055
CDS_0056
site-specific recombination directionality factor RDF (CDS_0058)
IMGVR_UViG_3300045988_082881|3300045988|Ga0495776_183884 34572:42731(+)
CDS_0071
CDS_0072
uvig_388493 54820:62342(+)
DNA methyltransferase (CDS_0053)
CDS_0052
CDS_0054
MGV-GENOME-0316460 33439:40960(+)
DNA methyltransferase (CDS_0056)
CDS_0057
CDS_0055
IMGVR_UViG_3300045988_074384|3300045988|Ga0495776_134436 36426:43947(-)
DNA methyltransferase (CDS_0024)
CDS_0025
CDS_0023
uvig_107417 10028:17545(-)
CDS_0026
DNA methyltransferase (CDS_0025)
uvig_327213 9371:17755(-)
CDS_0053
DNA methyltransferase (CDS_0054)
IMGVR_UViG_3300045988_050665|3300045988|Ga0495776_188874 32182:39725(+)
DNA methyltransferase (CDS_0060)
CDS_0059
DNA methyltransferase (CDS_0061)
uvig_129023 35366:43020(+)
DNA methyltransferase (CDS_0053)
CDS_0052
CDS_0054
IMGVR_UViG_3300045988_067106|3300045988|Ga0495776_000284 33375:40895(+)
CDS_0053
DNA methyltransferase (CDS_0055)
CDS_0054
MGV-GENOME-0326525 31753:39480(+)
CDS_0039
DNA methyltransferase (CDS_0041)
CDS_0040
MGV-GENOME-0286115 23827:31556(+)
CDS_0038
DNA methyltransferase (CDS_0040)
CDS_0039
uvig_97073 25364:32831(+)
CDS_0038
DNA methyltransferase (CDS_0040)
CDS_0039
uvig_462657 21996:29686(+)
cysH_IV-B_1 (CDS_0063)
CDS_0060
Druantia_II__DruM (CDS_0061)
CDS_0064
uvig_283262 43137:52039(+)
CDS_0052
DNA methyltransferase (CDS_0053)
uvig_580441 33145:41102(+)
DNA methyltransferase (CDS_0054)
CDS_0053
DNA methyltransferase (CDS_0055)
uvig_250977 33003:41035(+)
CDS_0043
DNA methyltransferase (CDS_0044)
MGV-GENOME-0309117 29067:38178(+)
CDS_0046
CDS_0045
CDS_0051
CDS_0052
IMGVR_UViG_3300045988_074514|3300045988|Ga0495776_058200 31598:39484(+)
DNA methyltransferase (CDS_0055)
CDS_0047
CDS_0050
CDS_0054
DNA methyltransferase (CDS_0056)
MGV-GENOME-0319069 34097:41703(+)
CDS_0046
DNA methyltransferase (CDS_0047)
MGV-GENOME-0305756 28845:36453(+)
transcriptional regulator (CDS_0027)
radical SAM domain protein (CDS_0019)
CDS_0029
CDS_0017
CDS_0020
CDS_0021
CDS_0024
CDS_0028
uvig_74213 5507:13109(+)
radical SAM domain protein (CDS_0057)
CDS_0055
CDS_0058
CDS_0059
uvig_133008 36058:42416(+)
site-specific recombination directionality factor RDF (CDS_0067)
CDS_0065
DNA methyltransferase (CDS_0062)
cysH_IV-B_1 (CDS_0064)
CDS_0066
transcriptional regulator (CDS_0072)
uvig_141829 44869:53076(+)
CDS_0058
CDS_0055
cysH_IV-B_1 (CDS_0057)
CDS_0059
site-specific recombination directionality factor RDF (CDS_0060)
IMGVR_UViG_3300029471_000202|3300029471|Ga0244196_100164|10676-63969 34297:42503(+)
cysH_IV-B_1 (CDS_0059)
CDS_0057
CDS_0060
site-specific recombination directionality factor RDF (CDS_0061)
IMGVR_UViG_3300029391_000122|3300029391|Ga0243992_100539 37855:46062(+)
CDS_0068
Han_2018_ERR1398080_NODE_203_length_62896_cov_35.639010 44942:51633(+)
DNA methyltransferase (CDS_0035)
CDS_0036
uvig_93071 19454:27075(+)
CDS_0057
cysH_IV-B_1 (CDS_0056)
CDS_0058
site-specific recombination directionality factor RDF (CDS_0059)
IMGVR_UViG_3300045988_066915|3300045988|Ga0495776_077526 34547:42732(+)
DNA methyltransferase (CDS_0056)
cysH_IV-B_1 (CDS_0055)
site-specific recombination directionality factor RDF (CDS_0057)
uvig_587280 34155:42581(+)
cysH_IV-B_1 (CDS_0059)
CDS_0060
site-specific recombination directionality factor RDF (CDS_0061)
uvig_294492 40152:48405(+)
CDS_0050
DNA methyltransferase (CDS_0056)
CDS_0057
IMGVR_UViG_3300045988_089664|3300045988|Ga0495776_168888 34678:42593(+)
phosphoheptose isomerase (CDS_0048)
DNA methyltransferase (CDS_0049)
CDS_0050
IMGVR_UViG_3300045988_065963|3300045988|Ga0495776_117093 30581:37394(+)
CDS_0055
CDS_0050
CDS_0057
MGV-GENOME-0308621 31379:38981(+)
DNA methyltransferase (CDS_0016)
CDS_0019
uvig_39397 4452:11245(+)
CDS_0049
MGV-GENOME-0319922 30611:37467(+)
CDS_0020
site-specific recombination directionality factor RDF (CDS_0019)
uvig_115648 6652:14509(-)
DNA methyltransferase (CDS_0053)
Druantia_II__DruM (CDS_0050)
CDS_0052
site-specific recombination directionality factor RDF (CDS_0054)
MGV-GENOME-0317504 31348:39190(+)
CDS_0021
uvig_121541 8371:15049(+)
CDS_0057
uvig_92956 36727:43635(+)
CDS_0054
DNA methyltransferase (CDS_0056)
CDS_0055
CDS_0061
IMGVR_UViG_3300045988_069171|3300045988|Ga0495776_057525 33677:41661(+)
CDS_0046
DNA methyltransferase (CDS_0048)
CDS_0047
CDS_0051
IMGVR_UViG_3300045988_067025|3300045988|Ga0495776_134284 29504:38079(+)
CDS_0024
CDS_0023
uvig_280598 8294:16122(-)
DNA methyltransferase (CDS_0020)
23
Druantia_II__DruM (CDS_0022)
21
19
18
uvig_50882 6586:15496(-)
CDS_0053
CDS_0057
CDS_0064
IMGVR_UViG_3300045988_073812|3300045988|Ga0495776_183765 32978:41191(+)
CDS_0050
IMGVR_UViG_3300045988_087338|3300045988|Ga0495776_096940 29718:37929(+)
CDS_0057
IMGVR_UViG_3300045988_079985|3300045988|Ga0495776_057586 35161:43256(+)
CDS_0058
MGV-GENOME-0317818 35030:43235(+)
3000 nt
integration and excision
moron, auxiliary metabolic gene and host takeover
other
transcription regulation
unknown function
Defence