CDS_0027 CDS_0026 CDS_0028 CDS_0030 CDS_0029 CDS_0031 ParA-like partition protein (CDS_0033) CDS_0032 CDS_0034 Druantia_II__DruM (CDS_0035) CDS_0037 CDS_0036 CDS_0038
MGV-GENOME-0196645 18866:25726(+)
CDS_0047 CDS_0054
MGV-GENOME-0251484 28472:36341(+)
CDS_0066
IMGVR_UViG_3300045988_041450|3300045988|Ga0495776_154895 41247:48843(+)
CDS_0039
MGV-GENOME-0232265 24860:31321(+)
CDS_0054 CDS_0060
IMGVR_UViG_3300045988_022175|3300045988|Ga0495776_132631 35525:43797(+)
CDS_0041 CDS_0045
uvig_254867 28187:35314(+)
CDS_0064
IMGVR_UViG_3300029559_000013|3300029559|Ga0244915_100402 38993:47128(+)
CDS_0057 CDS_0058
IMGVR_UViG_3300045988_018984|3300045988|Ga0495776_151742 35268:43306(+)
CDS_0054
MGV-GENOME-0332861 33858:41725(+)
CDS_0047
MGV-GENOME-0255847 28633:35483(+)
CDS_0036
MGV-GENOME-0229694 23520:30357(+)
CDS_0061 CDS_0063
IMGVR_UViG_3300045988_038566|3300045988|Ga0495776_005936 39141:47546(+)
CDS_0060 CDS_0061 CDS_0065
IMGVR_UViG_3300045988_054898|3300045988|Ga0495776_177696 39479:47340(+)
CDS_0063
MGV-GENOME-0305821 39711:47846(+)
CDS_0053 CDS_0056 CDS_0069
MGV-GENOME-0265740 30976:38819(+)
CDS_0057
MGV-GENOME-0313997 36365:44769(+)
CDS_0045 CDS_0046
MGV-GENOME-0253099 28300:36621(+)
CDS_0059
uvig_92433 40286:48405(+)
CDS_0042 CDS_0046
MGV-GENOME-0315242 29749:37871(+)
CDS_0056 CDS_0057
MGV-GENOME-0273409 32108:40293(+)
CDS_0065 CDS_0067 CDS_0060
uvig_288771 39780:48180(+)
CDS_0066
IMGVR_UViG_3300045988_040249|3300045988|Ga0495776_117021 39969:48496(+)
CDS_0032 CDS_0035
MGV-GENOME-0201379 19122:27301(+)
CDS_0062
MGV-GENOME-0306687 39418:48240(+)
CDS_0035
uvig_20568 19255:25822(+)
CDS_0030
MGV-GENOME-0182615 16567:23421(+)
CDS_0064 CDS_0067
IMGVR_UViG_3300045988_027083|3300045988|Ga0495776_018312 40208:48156(+)
CDS_0035 CDS_0037
MGV-GENOME-0322106 23740:31405(+)
CDS_0061
MGV-GENOME-0343616 36483:44792(+)
CDS_0033
SAMEA1906529_a1_ct21072_vs1 15994:23430(+)
CDS_0035 Druantia_II__DruM (CDS_0036)
MGV-GENOME-0202157 21129:28358(+)
CDS_0029 CDS_0031
MGV-GENOME-0187549 17408:25259(+)
CDS_0066
uvig_258585 41616:50059(+)
CDS_0060 CDS_0062
IMGVR_UViG_3300045988_024293|3300045988|Ga0495776_179302 37062:45483(+)
CDS_0043
MGV-GENOME-0240974 25864:33794(+)
CDS_0065
IMGVR_UViG_3300029342_000015|3300029342|Ga0243726_1000422 40248:48562(+)
CDS_0065
IMGVR_UViG_3300045988_041647|3300045988|Ga0495776_171036 39986:48826(+)
CDS_0063
IMGVR_UViG_3300045988_041835|3300045988|Ga0495776_171153 38908:47749(+)
CDS_0062 CDS_0063 CDS_0064
IMGVR_UViG_3300045988_036865|3300045988|Ga0495776_019012 39350:47921(+)
CDS_0052 CDS_0051
MGV-GENOME-0274961 32738:40579(+)
CDS_0046
MGV-GENOME-0250097 28245:36108(+)
CDS_0054
MGV-GENOME-0311304 35175:43309(+)
CDS_0072
uvig_50725 43261:51119(+)
CDS_0064 CDS_0069
MGV-GENOME-0316494 39933:47800(+)
CDS_0049
MGV-GENOME-0257901 29596:37441(+)
CDS_0059 CDS_0060
IMGVR_UViG_3300023504_000016|3300023504|Ga0257038_100709 35735:43274(+)
CDS_0057 CDS_0056 CDS_0058
MGV-GENOME-0304493 35267:42962(+)
CDS_0063 CDS_0064
MGV-GENOME-0325771 39748:47413(+)
CDS_0063 CDS_0064
MGV-GENOME-0304643 39679:47428(+)
CDS_0060 CDS_0061
MGV-GENOME-0302048 38581:46598(+)
CDS_0064 CDS_0065
uvig_148621 40468:48160(+)
CDS_0064 CDS_0065
MGV-GENOME-0307670 40748:48452(+)
CDS_0063 CDS_0064
IMGVR_UViG_3300045988_051780|3300045988|Ga0495776_028669 41090:48832(+)
CDS_0062 CDS_0063
IMGVR_UViG_3300029214_000010|3300029214|Ga0168682_100478 40250:48261(+)
CDS_0066 CDS_0067 CDS_0069
IMGVR_UViG_3300045988_050490|3300045988|Ga0495776_029608 40673:47244(+)
CDS_0068 CDS_0069
uvig_239778 42827:51061(+)
CDS_0066 CDS_0067
uvig_323944 41072:49043(+)
CDS_0064 CDS_0065
MGV-GENOME-0307516 39626:48126(+)
CDS_0065 CDS_0066
IMGVR_UViG_3300045988_040628|3300045988|Ga0495776_170443 39765:48004(+)
CDS_0060 CDS_0061
IMGVR_UViG_3300045988_068235|3300045988|Ga0495776_146967 39799:47741(+)
CDS_0068 CDS_0069 ParA-like partition protein (CDS_0070)
uvig_257168 40099:49506(+)
CDS_0062 CDS_0063
uvig_418206 39659:48156(+)
CDS_0049 CDS_0050
MGV-GENOME-0262227 29985:38199(+)
CDS_0055 CDS_0056
MGV-GENOME-0286860 34980:42935(+)
CDS_0063 CDS_0064
MGV-GENOME-0307848 40296:48516(+)
CDS_0059 CDS_0060
MGV-GENOME-0306539 34868:43100(+)
CDS_0063 CDS_0064
IMGVR_UViG_3300045988_051981|3300045988|Ga0495776_028248 40296:48516(+)
CDS_0063
MGV-GENOME-0302838 40252:47103(+)
CDS_0043
MGV-GENOME-0233341 26532:33383(+)
CDS_0055 CDS_0060
IMGVR_UViG_3300045988_041767|3300045988|Ga0495776_149065 37549:44314(+)
CDS_0056 CDS_0060
IMGVR_UViG_3300045988_054533|3300045988|Ga0495776_178387 38332:45112(+)
CDS_0065
uvig_291087 39762:47223(+)
CDS_0063 CDS_0066
IMGVR_UViG_3300045988_058929|3300045988|Ga0495776_098643 38910:46220(+)
CDS_0049
uvig_90034 30545:37848(+)
CDS_0065 CDS_0066 CDS_0067
uvig_252193 39826:48245(+)
CDS_0067
MGV-GENOME-0308906 40539:49255(+)
CDS_0062
IMGVR_UViG_3300029480_000168|3300029480|Ga0244079_100002|146182-193446 38353:47264(+)
CDS_0071
uvig_162817 43438:51999(+)
CDS_0045 CDS_0046
uvig_278958 27857:36597(+)
ParB-like partition protein (CDS_0067) phosphoadenosine phosphosulfate reductase (CDS_0070) 68 69 71
uvig_459756_ 40940:48915(+)
65 66 67 68 69 1 2
MGV-GENOME-0304987 39754:2070(+)
CDS_0061
IMGVR_UViG_3300045988_049664|3300045988|Ga0495776_018665 39510:48152(+)
CDS_0059
MGV-GENOME-0336626 36083:44729(+)
CDS_0065 CDS_0066
IMGVR_UViG_3300045988_033280|3300045988|Ga0495776_029988 39529:47511(+)
CDS_0066
IMGVR_UViG_3300045988_049715|3300045988|Ga0495776_134172 40379:48655(+)
CDS_0052 CDS_0056
MGV-GENOME-0306210 33679:42253(+)
CDS_0066 CDS_0069
IMGVR_UViG_3300030447_000324|3300030447|Ga0168849_100323 40468:88871 39963:48403(+)
ParA-like partition protein (CDS_0065) CDS_0064
IMGVR_UViG_3300045988_033528|3300045988|Ga0495776_148972 40260:47108(+)
CDS_0063 CDS_0064 CDS_0067
IMGVR_UViG_3300045988_053402|3300045988|Ga0495776_172101 39919:47355(+)
CDS_0040
MGV-GENOME-0228801 23147:30502(+)
CDS_0065 CDS_0066
IMGVR_UViG_3300045988_040657|3300045988|Ga0495776_185160 40850:48429(+)
CDS_0039 CDS_0043
OTU_3659 24829:32478(+)
CDS_0046
uvig_331869 29189:36851(+)
CDS_0068 CDS_0069 CDS_0070
MGV-GENOME-0316585 41504:48866(+)
CDS_0067 CDS_0068
MGV-GENOME-0311745 41418:47451(+)
CDS_0066 CDS_0067
MGV-GENOME-0303640 40847:47731(+)
CDS_0032
uvig_52960 14365:20642(+)
CDS_0029 Druantia_II__DruM (CDS_0030)
uvig_94898 13720:20819(+)
CDS_0067 CDS_0068
IMGVR_UViG_3300045988_034880|3300045988|Ga0495776_134295 41724:48743(+)
CDS_0062
IMGVR_UViG_3300045988_017463|3300045988|Ga0495776_164296 36350:43499(+)
CDS_0061 CDS_0062
IMGVR_UViG_3300045988_035011|3300045988|Ga0495776_149095 37648:44811(+)
CDS_0040
uvig_256655 18603:25976(+)
CDS_0053 CDS_0054
MGV-GENOME-0278094 34313:41488(+)
CDS_0073
IMGVR_UViG_3300045988_054681|3300045988|Ga0495776_171023 43381:50739(+)
CDS_0067 CDS_0068
IMGVR_UViG_3300045988_052101|3300045988|Ga0495776_097187 40719:47928(+)
CDS_0058 CDS_0059 CDS_0060
MGV-GENOME-0275807 34209:41384(+)
CDS_0036
MGV-GENOME-0193947 19715:26911(+)
CDS_0066 CDS_0067
MGV-GENOME-0307248 41209:48943(+)
CDS_0068 CDS_0069
MGV-GENOME-0312851 41283:48613(+)
CDS_0051 CDS_0052 CDS_0053
uvig_154363 32143:39443(+)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0057)
MGV-GENOME-0304429 36992:44190(+)
CDS_0073
OTU_1134 41785:48744(+)
CDS_0073
IMGVR_UViG_3300045988_020464|3300045988|Ga0495776_159281 41328:48200(+)
CDS_0059 CDS_0060
uvig_494618 38264:45154(+)
CDS_0056 CDS_0057
MGV-GENOME-0271669 33690:40609(+)
CDS_0053 CDS_0054
MGV-GENOME-0317069 30671:37685(+)
CDS_0052 CDS_0053
MGV-GENOME-0250621 30750:36835(+)
CDS_0068
uvig_233349 41825:48752(+)
CDS_0038 Druantia_II__DruM (CDS_0039)
MGV-GENOME-0206968 21813:29218(+)
CDS_0062 CDS_0067
uvig_77703 40874:48200(+)
CDS_0040 CDS_0041
MGV-GENOME-0217147 24980:31052(+)
ParB-like partition protein (CDS_0058) CDS_0059 CDS_0062 CDS_0061
IMGVR_UViG_3300045988_022163|3300045988|Ga0495776_099928 38072:44134(+)
CDS_0070 CDS_0071
MGV-GENOME-0315862 42308:49555(+)
CDS_0063
IMGVR_UViG_3300045988_046762|3300045988|Ga0495776_158594 39092:46556(+)
Druantia_II__DruM (CDS_0079) CDS_0080 CDS_0081 head-tail adaptor (CDS_0002) CDS_0003
IMGVR_UViG_3300029621_000143|3300029621|Ga0245126_1000612 48931:3854(+)
Druantia_II__DruM (CDS_0066) CDS_0067 CDS_0068
IMGVR_UViG_3300023545_000011|3300023545|Ga0257041_100480 41061:48424(+)
CDS_0069 CDS_0070 CDS_0071 CDS_0072
MGV-GENOME-0307230 41511:48939(+)
CDS_0061 CDS_0060 CDS_0063 CDS_0065 CDS_0066 Druantia_II__DruM (CDS_0067)
IMGVR_UViG_3300030441_000021|3300030441|Ga0168806_100616 40344:48799(+)
CDS_0066 Druantia_II__DruM (CDS_0067)
IMGVR_UViG_3300045988_057563|3300045988|Ga0495776_097366 40002:48064(+)
CDS_0062
uvig_141148 40695:48111(+)
CDS_0051
MGV-GENOME-0308031 33226:41342(+)
CDS_0055
MGV-GENOME-0287246 34742:42858(+)
CDS_0063 Druantia_II__DruM (CDS_0064) CDS_0067 CDS_0068
MGV-GENOME-0304526 39977:48041(+)
CDS_0051 CDS_0052 CDS_0053 CDS_0054 CDS_0055 CDS_0058
MGV-GENOME-0336436 35173:43713(+)
4000 nt
DNA, RNA and nucleotide metabolism
connector
head and packaging
moron, auxiliary metabolic gene and host takeover
other
transcription regulation
unknown function
Defence