Gp2.5-like ssDNA binding protein and ssDNA annealing protein (CDS_0047)
exonuclease (CDS_0046)
CDS_0052
CDS_0049
CDS_0051
DNA helicase (CDS_0055)
CDS_0045
DNA polymerase (CDS_0048)
CDS_0050
DNA helicase (CDS_0053)
CDS_0054
HNH endonuclease (CDS_0056)
uvig_558037 33488:44950(+)
CDS_0045
uvig_560061 32938:43636(+)
CDS_0040
MGV-GENOME-0270755 27620:38825(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0045)
CDS_0049
IMGVR_UViG_3300045988_080538|3300045988|Ga0495776_148192 32166:44877(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0039)
IMGVR_UViG_3300045988_071437|3300045988|Ga0495776_071200 28786:40334(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0024)
MGV-GENOME-0192514 13634:25069(+)
CDS_0049 CDS_0050
IMGVR_UViG_3300045988_093603|3300045988|Ga0495776_068940 36611:48672(+)
CDS_0048
CDS_0049
IMGVR_UViG_3300045988_103340|3300045988|Ga0495776_098603 32316:44023(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0038)
CDS_0041
MGV-GENOME-0295783 28420:40531(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0033)
IMGVR_UViG_3300045988_038412|3300045988|Ga0495776_084031 23909:36047(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0037)
IMGVR_UViG_3300045988_072665|3300045988|Ga0495776_110356 28405:39993(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0045)
MGV-GENOME-0308455 32166:44877(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0036)
IMGVR_UViG_3300045988_058977|3300045988|Ga0495776_110409 27729:40018(+)
CDS_0048
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0054)
uvig_171713 39959:51995(+)
CDS_0036 CDS_0037
MGV-GENOME-0269219 26812:38520(+)
CDS_0033
CDS_0032
IMGVR_UViG_3300045988_057415|3300045988|Ga0495776_172430 26031:37742(+)
CDS_0039
CDS_0038
IMGVR_UViG_3300045988_068913|3300045988|Ga0495776_157994 27587:39814(+)
CDS_0038
CDS_0037
IMGVR_UViG_3300045988_083850|3300045988|Ga0495776_001095 28577:39966(+)
CDS_0032
CDS_0029
CDS_0031
MGV-GENOME-0253524 24103:35743(+)
CDS_0040
IMGVR_UViG_3300045988_073740|3300045988|Ga0495776_172429 29994:40801(+)
CDS_0038 RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0039)
IMGVR_UViG_3300045988_062470|3300045988|Ga0495776_027613 28636:40440(+)
CDS_0035 CDS_0036
IMGVR_UViG_3300045988_059188|3300045988|Ga0495776_173413 27114:38867(+)
CDS_0036 CDS_0037
MGV-GENOME-0274421 27707:39521(+)
CDS_0033 CDS_0034
IMGVR_UViG_3300045988_046841|3300045988|Ga0495776_128310 25832:37616(+)
CDS_0038
CDS_0040 CDS_0041
uvig_237680 28059:40111(+)
CDS_0049 CDS_0050
IMGVR_UViG_3300029215_000201|3300029215|Ga0167476_100285|12819-59706 32671:44718(+)
CDS_0044
MGV-GENOME-0302589 32967:43944(+)
CDS_0046 CDS_0047
MGV-GENOME-0314846 32597:45240(+)
CDS_0031 CDS_0032
MGV-GENOME-0253877 23668:35802(+)
CDS_0020 CDS_0021
CDS_0024
MGV-GENOME-0190188 12675:24116(+)
CDS_0018 CDS_0019
MGV-GENOME-0194321 14528:24807(+)
CDS_0039 CDS_0040
MGV-GENOME-0283654 28112:40752(+)
CDS_0037 CDS_0038
MGV-GENOME-0278960 28307:40428(+)
CDS_0029 CDS_0030
MGV-GENOME-0248515 23084:34899(+)
CDS_0039CDS_0040
IMGVR_UViG_3300045988_071391|3300045988|Ga0495776_112366 28620:40755(+)
exonuclease (CDS_0045)
CDS_0050 CDS_0051
IMGVR_UViG_3300045988_119649|3300045988|Ga0495776_098559 32450:44576(+)
radical SAM domain protein (CDS_0041)
CDS_0038
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0042)
uvig_573208 30387:43395(+)
CDS_0038
CDS_0037 CDS_0039
uvig_84860 26866:37848(+)
CDS_0033
CDS_0032
CDS_0034
uvig_561500 25245:36765(+)
CDS_0048
CDS_0049
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0053)
IMGVR_UViG_3300045988_085507|3300045988|Ga0495776_097320 34146:46439(+)
CDS_0051 CDS_0052
CDS_0057
IMGVR_UViG_3300045988_098230|3300045988|Ga0495776_185203 34413:47049(+)
CDS_0038 CDS_0039
CDS_0044
MGV-GENOME-0274279 27214:40384(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0047)
CDS_0048
MGV-GENOME-0353501 34291:47875(+)
CDS_0036
CDS_0037
uvig_283009 27363:39630(+)
CDS_0040
IMGVR_UViG_3300034415_000142|3300034415|Ga0168781_00065|138197-178949 28222:40017(+)
CDS_0034
CDS_0036
Han_2018_ERR1398246_NODE_252_length_39604_cov_100.587499 27181:38870(+)
CDS_0041
CDS_0047 CDS_0048
IMGVR_UViG_3300021256_000182|3300021256|Ga0223826_10001462 29095:40500(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0041)
uvig_366727 30369:42924(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0037)
IMGVR_UViG_3300026522_000059|3300026522|Ga0256406_1001298 27513:39461(+)
CDS_0037
CDS_0039 CDS_0040
uvig_385058 27961:40338(+)
CDS_0046
uvig_484677 32968:44670(+)
CDS_0041
CDS_0040
MGV-GENOME-0279243 28036:40484(+)
phosphoadenosine phosphosulfate reductase (CDS_0039)
CDS_0040
CDS_0041
uvig_503324 27921:41254(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0036)
CDS_0035
CDS_0037
uvig_302989 26737:40535(+)
CDS_0039
CDS_0043
IMGVR_UViG_3300008497_000245|3300008497|Ga0111011_100185|1-41806 30507:41804(+)
CDS_0034
MGV-GENOME-0240363 24800:35274(+)
CDS_0028
MGV-GENOME-0203509 20181:28595(+)
DNA helicase (CDS_0052)
DNA helicase (CDS_0053)
IMGVR_UViG_3300023499_000287|3300023499|Ga0257052_100064|3971-52077 36125:48105(+)
CDS_0032CDS_0033
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0037)
IMGVR_UViG_3300045988_067137|3300045988|Ga0495776_186778 28619:40849(+)
CDS_0055 CDS_0056
SRR5495007_NODE_7_length_46908_cov_20.335133 38801:46906(+)
5000 nt
DNA, RNA and nucleotide metabolism
head and packaging
moron, auxiliary metabolic gene and host takeover
other
unknown function
Defence