Autolysin (VF0143) (CDS_0019)
integrase (CDS_0020)
integrase (CDS_0021)
DNA polymerase (CDS_0025)
CDS_0023
exonuclease (CDS_0028)
CDS_0017
CDS_0018
CDS_0022
CDS_0024
CDS_0026
CDS_0027
CDS_0029
MGV-GENOME-0279097 16312:29102(+)
CDS_0021
CDS_0022
MGV-GENOME-0288679 16264:28903(+)
CDS_0023
CDS_0022
MGV-GENOME-0288870 16312:28854(+)
RM_Type_IV__Type_IV_REases__Type_IV_01 (CDS_0027)
Druantia_II__DruM (CDS_0025)
IMGVR_UViG_3300008747_000195|3300008747|Ga0115677_100149|151-46988 16312:35499(+)
RM_Type_IV__Type_IV_REases__Type_IV_01 (CDS_0025)
Druantia_II__DruM (CDS_0023)
IMGVR_UViG_3300045988_180233|3300045988|Ga0495776_171007 16312:33156(+)
IMGVR_UViG_3300045988_174244|3300045988|Ga0495776_185018 16312:35506(+)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0026)
IMGVR_UViG_3300007502_000036|3300007502|Ga0104995_100093 16312:37245(+)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0028)
CI-like repressor (CDS_0025)
MGV-GENOME-0295289 16312:34103(+)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0026)
CI-like repressor (CDS_0023)
IMGVR_UViG_3300045988_176047|3300045988|Ga0495776_093230 16312:33538(+)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0030)
DNA methyltransferase (CDS_0023)
transcriptional repressor (CDS_0027)
IMGVR_UViG_3300007087_000043|3300007087|Ga0102673_100021 16312:37334(+)
RM_Type_IIG__Type_IIG__Type_IIG_FAM_0.einsi_trimmed (CDS_0026)
DNA methyltransferase (CDS_0021)
IMGVR_UViG_3300030347_000010|3300030347|Ga0243490_10014|1-45554 16106:34208(+)
RM_Type_IIG__Type_IIG__Type_IIG_FAM_0.einsi_trimmed (CDS_0026)
DNA methyltransferase (CDS_0023)
IMGVR_UViG_3300007997_000200|3300007997|Ga0111053_100111|46-48745 16312:37362(+)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0023)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0022)
restriction endonuclease (CDS_0025)
DNA methyltransferase (CDS_0021)
IMGVR_UViG_3300007926_000081|3300007926|Ga0113866_100003|57-45035 16106:33643(+)
tail protein (CDS_0015)
CDS_0020
MGV-GENOME-0240266 11806:23928(+)
restriction endonuclease (CDS_0023)
MGV-GENOME-0313735 16312:32724(+)
restriction endonuclease (CDS_0021)
integrase (CDS_0020)
MGV-GENOME-0272234 16059:29385(+)
glycopeptide resistance transcriptional regulator VanU (NF000090.1) (CDS_0026)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0022)
IMGVR_UViG_3300045988_172843|3300045988|Ga0495776_172920 16312:33539(+)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0029)
DNA methyltransferase (CDS_0023)
SRS043755_a1_ct20290_vs01 16265:39556(+)
Lamassu-Fam__LmuB_SMC_Mrr (CDS_0028)
Druantia_II__DruM (CDS_0023)
Lamassu-Fam__LmuC_acc_hypothetical (CDS_0029)
Druantia_II__DruM (CDS_0024)
Lamassu-Fam__LmuA_effector_hypothetical (CDS_0030)
IMGVR_UViG_3300007966_000008|3300007966|Ga0105959_100224 16312:35234(+)
Lamassu-Fam__LmuB_SMC_Mrr (CDS_0028)
Druantia_II__DruM (CDS_0023)
Lamassu-Fam__LmuC_acc_hypothetical (CDS_0029)
Druantia_II__DruM (CDS_0024)
DNA methyltransferase (CDS_0022)
Lamassu-Fam__LmuA_effector_hypothetical (CDS_0030)
IMGVR_UViG_3300006321_000139|3300006321|Ga0099624_100299 16312:36019(+)
Lamassu-Fam__LmuB_SMC_Mrr (CDS_0030)
Druantia_II__DruM (CDS_0025)
Lamassu-Fam__LmuC_acc_hypothetical (CDS_0031)
Druantia_II__DruM (CDS_0026)
Lamassu-Fam__LmuA_effector_hypothetical (CDS_0032)
IMGVR_UViG_3300007128_000116|3300007128|Ga0102725_100065|463-49052 16312:37146(+)
Druantia_II__DruM (CDS_0026)
Lamassu-Fam__LmuC_acc_hypothetical (CDS_0032)
Druantia_II__DruM (CDS_0027)
Lamassu-Fam__LmuB_SMC_Mrr (CDS_0031)
Lamassu-Fam__LmuA_effector_hypothetical (CDS_0033)
IMGVR_UViG_3300045988_174124|3300045988|Ga0495776_116638 16312:36813(+)
DNA methyltransferase (CDS_0026)
Lamassu-Fam__LmuB_SMC_Mrr (CDS_0032)
Druantia_II__DruM (CDS_0027)
Lamassu-Fam__LmuC_acc_hypothetical (CDS_0033)
Druantia_II__DruM (CDS_0028)
Lamassu-Fam__LmuA_effector_hypothetical (CDS_0034)
IMGVR_UViG_3300008518_000114|3300008518|Ga0115191_100225 16312:39194(+)
DNA methyltransferase (CDS_0030)
Lamassu-Fam__LmuB_SMC_Mrr (CDS_0036)
chloramphenicol efflux transporter CxpE (NF045801.1) (CDS_0025)
Druantia_II__DruM (CDS_0031)
Lamassu-Fam__LmuC_acc_hypothetical (CDS_0037)
Druantia_II__DruM (CDS_0032)
Lamassu-Fam__LmuA_effector_hypothetical (CDS_0038)
IMGVR_UViG_3300008283_000151|3300008283|Ga0110914_100142 16312:45031(+)
Lamassu-Fam__LmuC_acc_hypothetical (CDS_0026)
Lamassu-Fam__LmuB_SMC_Mrr (CDS_0025)
Lamassu-Fam__LmuA_effector_hypothetical (CDS_0027)
MGV-GENOME-0280368 16312:30952(+)
Lamassu-Fam__LmuC_acc_hypothetical (CDS_0030)
Bunzi__BnzB (CDS_0024)
Lamassu-Fam__LmuB_SMC_Mrr (CDS_0029)
Lamassu-Fam__LmuA_effector_hypothetical (CDS_0031)
IMGVR_UViG_2660238547_000001|2660238547|2660319665|204868-253775 16312:37553(+)
Lamassu-Fam__LmuC_acc_hypothetical (CDS_0029)
Lamassu-Fam__LmuB_SMC_Mrr (CDS_0028)
transcriptional repressor (CDS_0025)
Lamassu-Fam__LmuA_effector_hypothetical (CDS_0030)
IMGVR_UViG_3300007915_000031|3300007915|Ga0111495_100017|166-47175 16312:35661(+)
aminoglycoside 6'-N-acetyltransferase, group E (NF043067.1) (CDS_0029)
aminoglycoside 6'-N-acetyltransferase, group E (NF043067.1) (CDS_0025)
DNA methyltransferase (CDS_0034)
Lamassu-Fam__LmuC_acc_hypothetical (CDS_0040)
methyltransferase (CDS_0030)
transcriptional repressor (CDS_0036)
thymidine kinase (CDS_0024)
endolysin (CDS_0032)
Lamassu-Fam__LmuB_SMC_Mrr (CDS_0039)
Lamassu-Fam__LmuA_effector_hypothetical (CDS_0041)
SRS098067_a1_ct12162_vs1 16312:45805(+)
transcriptional repressor (CDS_0025)
Druantia_II__DruM (CDS_0026)
DNA polymerase (CDS_0023)
IMGVR_UViG_7000000584_000312|7000000584|SRS049318_LANL_scaffold_68009|4681-50309 16312:34291(+)
DNA polymerase (CDS_0024)
Druantia_II__DruM (CDS_0027)
IMGVR_UViG_7000000261_000040|7000000261|SRS016043_WUGC_scaffold_64647 16312:34385(+)
CI-like repressor (CDS_0026)
Druantia_II__DruM (CDS_0027)
DNA polymerase (CDS_0024)
IMGVR_UViG_3300006249_000163|3300006249|Ga0099390_1000163|5734-51168 16312:34395(+)
CI-like repressor (CDS_0025)
DNA polymerase (CDS_0023)
Druantia_II__DruM (CDS_0026)
IMGVR_UViG_3300006460_000010|3300006460|Ga0100061_100303 16312:33914(+)
CI-like repressor (CDS_0024)
Druantia_II__DruM (CDS_0025)
DNA polymerase (CDS_0023)
IMGVR_UViG_3300008493_000019|3300008493|Ga0111009_1000224 16312:34260(+)
CI-like repressor (CDS_0024)
Druantia_II__DruM (CDS_0025)
DNA polymerase (CDS_0023)
IMGVR_UViG_3300007208_000018|3300007208|Ga0103291_100337 16312:34031(+)
CI-like repressor (CDS_0028)
DNA polymerase (CDS_0026)
Druantia_II__DruM (CDS_0029)
IMGVR_UViG_3300007924_000188|3300007924|Ga0113552_100217|4546-51028 16312:35144(+)
DNA polymerase (CDS_0024)
Druantia_II__DruM (CDS_0027)
IMGVR_UViG_7000000480_000035|7000000480|SRS015209_WUGC_scaffold_36762 16312:34122(+)
CI-like repressor (CDS_0027)
DNA polymerase (CDS_0025)
Druantia_II__DruM (CDS_0028)
IMGVR_UViG_3300006458_000149|3300006458|Ga0100175_100235|1-47640 16312:36293(+)
CI-like repressor (CDS_0029)
ABC transporter (CDS_0023)
DNA polymerase (CDS_0027)
Druantia_II__DruM (CDS_0030)
IMGVR_UViG_3300007979_000010|3300007979|Ga0114002_100224 16312:37010(+)
CI-like repressor (CDS_0026)
Druantia_II__DruM (CDS_0027)
DNA polymerase (CDS_0024)
IMGVR_UViG_3300008636_000018|3300008636|Ga0111420_100355 16312:34777(+)
chloramphenicol efflux transporter CxpE (NF045801.1) (CDS_0027)
CI-like repressor (CDS_0030)
DNA polymerase (CDS_0028)
Druantia_II__DruM (CDS_0031)
IMGVR_UViG_3300008521_000006|3300008521|Ga0115192_100171 17123:36293(+)
Bacteriophage abortive infection AbiH__AbiH (CDS_0025)
transcriptional repressor (CDS_0029)
Druantia_II__DruM (CDS_0030)
DNA polymerase (CDS_0027)
IMGVR_UViG_3300008150_000422|3300008150|Ga0114319_1000114|14909-63566 16312:37320(+)
arsinothricin resistance N-acetyltransferase ArsN1 family A (NF040503.1) (CDS_0025)
aminoglycoside 6'-N-acetyltransferase, group E (NF043067.1) (CDS_0026)
CI-like repressor (CDS_0033)
DNA polymerase (CDS_0031)
Bunzi__BnzB (CDS_0024)
Druantia_II__DruM (CDS_0034)
IMGVR_UViG_3300007924_000129|3300007924|Ga0113552_100217 16312:39690(+)
ADP-ribosylglycohydrolase (CDS_0030)
CI-like repressor (CDS_0034)
Druantia_II__DruM (CDS_0035)
integrase (CDS_0021)
DNA polymerase (CDS_0032)
IMGVR_UViG_3300008075_000069|3300008075|Ga0114853_100076 16106:43117(+)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0026)
DNA methyltransferase (CDS_0025)
DNA methyltransferase (CDS_0022)
restriction endonuclease (CDS_0028)
MGV-GENOME-0301414 16312:35697(+)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0024)
DNA methyltransferase (CDS_0023)
restriction endonuclease (CDS_0026)
IMGVR_UViG_3300045988_176277|3300045988|Ga0495776_172634 11083:33170(+)
DNA methyltransferase (CDS_0036)
RM_Type_IV__Type_IV_REases__Type_IV_01 (CDS_0041)
Druantia_II__DruM (CDS_0039)
IMGVR_UViG_3300008524_000012|3300008524|Ga0111046_100093 16312:45454(+)
DNA methyltransferase (CDS_0032)
MADS__mad1 (CDS_0033)
integrase (CDS_0021)
endolysin (CDS_0030)
IMGVR_UViG_3300007648_000175|3300007648|Ga0105531_100160 16106:45417(+)
integrase (CDS_0021)
RM_Type_IIG__Type_IIG__Type_IIG_FAM_0.einsi_trimmed (CDS_0034)
IMGVR_UViG_3300007123_000288|3300007123|Ga0102684_100029|25763-77847 16106:40736(+)
10000 nt
DNA, RNA and nucleotide metabolism
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence
Virulence
AMR