DNA methyltransferase (CDS_0043)
Retron_VI__HTH (CDS_0041)
DarTG__DarG (CDS_0037)
transcriptional repressor (CDS_0048)
partition protein (CDS_0045)
MGV-GENOME-0332154 25418:36631(+)
transcriptional repressor (CDS_0046)
Retron_VI__HTH (CDS_0041)
partition protein (CDS_0043)
integrase (CDS_0044)
uvig_152677_ 25418:35944(+)
transcriptional repressor (CDS_0045)
phosphofructokinase (CDS_0042)
Retron_VI__HTH (CDS_0040)
integrase (CDS_0043)
uvig_183341 25295:36032(+)
transcriptional repressor (CDS_0046)
Retron_VI__HTH (CDS_0042)
Retron_VI__HTH (CDS_0040)
integrase (CDS_0044)
uvig_458553_ 25105:36168(+)
Retron_VI__HTH (CDS_0040)
phosphofructokinase (CDS_0042)
transcriptional regulator (CDS_0046)
Copper exporter (VF0849) (CDS_0049)
transcriptional repressor (CDS_0054)
integrase (CDS_0052)
uvig_197244 25363:50159(+)
transcriptional repressor (CDS_0044)
CDS_0040
CDS_0043
CDS_0039
CDS_0042
CDS_0045
uvig_238595 27423:35341(+)
CDS_0037
CDS_0038
uvig_438055 26875:34682(+)
CDS_0040
CDS_0041
uvig_195976 27376:34372(+)
CDS_0038
CDS_0037
CDS_0040
uvig_59351 24587:33064(+)
CDS_0038
CDS_0037
CDS_0041
uvig_400635 26761:34424(+)
CDS_0038
CDS_0037
CDS_0039
uvig_586503 24647:31665(+)
CDS_0037
CDS_0039
CDS_0038
uvig_585083 26834:34554(+)
CDS_0040
CDS_0039
CDS_0041
uvig_313073 27222:35039(+)
transcriptional repressor (CDS_0044)
integrase (CDS_0040)
IMGVR_UViG_3300029238_000276|3300029238|Ga0168766_100353|2-61852 27664:38159(+)
transcriptional repressor (CDS_0044)
integrase (CDS_0040)
integrase (CDS_0042)
uvig_164635 27092:37405(+)
transcriptional repressor (CDS_0047)
uvig_146314 27896:41638(+)
transcriptional repressor (CDS_0045)
MGV-GENOME-0335576 27896:38525(+)
integrase (CDS_0042)
transcriptional repressor (CDS_0046)
MGV-GENOME-0336165 27384:38888(+)
IMGVR_UViG_3300045988_139825|3300045988|Ga0495776_111941 27384:38888(+)
Retron_VI__HTH (CDS_0039)
transcriptional repressor (CDS_0045)
uvig_130907 26383:39568(+)
transcriptional repressor (CDS_0048)
Retron_VI__HTH (CDS_0040)
integrase (CDS_0044)
uvig_255821 27308:42465(+)
CDS_0037
CDS_0038
MGV-GENOME-0341008 26833:31893(+)
CDS_0039
CDS_0040
CDS_0042
CDS_0038
CDS_0043
IMGVR_UViG_3300045988_059669|3300045988|Ga0495776_154134 26801:32846(+)
CDS_0035
CDS_0036
CDS_0033
CDS_0034
CDS_0038
MGV-GENOME-0327469 20786:27131(+)
CDS_0034
CDS_0039
CDS_0037
CDS_0030
CDS_0038
MGV-GENOME-0340010 26485:32289(+)
CDS_0039
CDS_0040
MGV-GENOME-0331532 27423:32373(+)
Retron_VI__HTH (CDS_0040)
CDS_0038
CDS_0037
CDS_0041
IMGVR_UViG_3300045988_047274|3300045988|Ga0495776_173484 25065:30823(+)
CDS_0036
CDS_0037
MGV-GENOME-0334685 26877:32013(+)
CDS_0038
CDS_0039
IMGVR_UViG_3300045988_083945|3300045988|Ga0495776_166197 27166:32192(+)
CDS_0039
CDS_0038
MGV-GENOME-0332052 25221:31366(+)
CDS_0037
CDS_0036
MGV-GENOME-0347766 24822:30866(+)
Retron_VI__HTH (CDS_0043)
CDS_0041
CDS_0046
CDS_0044
CDS_0045
CDS_0049
MGV-GENOME-0327744 27608:35368(+)
CDS_0037
CDS_0038
MGV-GENOME-0328237 25063:30924(+)
CDS_0040
CDS_0041
MGV-GENOME-0334353 27376:33382(+)
CDS_0040
CDS_0041
Retron_VI__HTH (CDS_0045)
MGV-GENOME-0345646 27392:33043(+)
CDS_0040
CDS_0041
MGV-GENOME-0335725 27092:33879(+)
CDS_0039
CDS_0040
CDS_0037
CDS_0038
CDS_0042
IMGVR_UViG_3300045988_067155|3300045988|Ga0495776_150461 26850:32655(+)
CDS_0039
CDS_0037
CDS_0040
CDS_0038
MGV-GENOME-0332810 26850:32453(+)
CDS_0037
CDS_0038
IMGVR_UViG_3300045988_062863|3300045988|Ga0495776_151676 24964:31151(+)
CDS_0039
CDS_0040
CDS_0038
CDS_0042
uvig_132585 26801:35508(+)
CDS_0035
CDS_0033
CDS_0036
CDS_0034
uvig_187295 20786:29320(+)
transcriptional repressor (CDS_0043)
IMGVR_UViG_3300029133_000354|3300029133|Ga0168787_100307|2-59911 26801:37092(+)
transcriptional repressor (CDS_0042)
anti-repressor Ant (CDS_0044)
IMGVR_UViG_3300029796_000486|3300029796|Ga0243875_1000306|6276-65304 26910:36298(+)
transcriptional repressor (CDS_0042)
IMGVR_UViG_3300029876_000371|3300029876|Ga0245325_100425|8194-68581 25010:37127(+)
transcriptional repressor (CDS_0043)
MGV-GENOME-0338280 25473:36517(+)
transcriptional repressor (CDS_0043)
IMGVR_UViG_3300045988_071780|3300045988|Ga0495776_181640 25473:36517(+)
transcriptional repressor (CDS_0042)
IMGVR_UViG_3300045988_082228|3300045988|Ga0495776_156420 25235:36020(+)
transcriptional repressor (CDS_0045)
integrase (CDS_0041)
integrase (CDS_0043)
uvig_198463 25552:38527(+)
serine racemase VanT catalytic subunit (NF033131.1) (CDS_0048)
transcriptional repressor (CDS_0053)
phosphofructokinase (CDS_0040)
transcriptional regulator (CDS_0044)
translation elongation factor (CDS_0049)
uvig_210856 25468:51746(+)
transcriptional repressor (CDS_0041)
IMGVR_UViG_3300029374_000345|3300029374|Ga0243945_1000216|1-57908 24809:34175(+)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0046)
Retron_VI__HTH (CDS_0041)
transcriptional repressor (CDS_0049)
uvig_279095 27057:43691(+)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0043)
transcriptional repressor (CDS_0046)
uvig_291042 27065:42080(+)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0046)
transcriptional repressor (CDS_0055)
Lysine synthesis (VF0815) (CDS_0047)
Rnase H (CDS_0051)
anti-repressor Ant (CDS_0057)
IMGVR_UViG_3300029365_000245|3300029365|Ga0243866_1000438 27142:47148(+)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0048)
Lysine synthesis (VF0815) (CDS_0049)
Rnase H (CDS_0052)
Retron_VI__HTH (CDS_0043)
transcriptional repressor (CDS_0067)
uvig_262148 27624:60233(+)
FabG-like 3-oxoacyl-(acyl-carrier-protein) reductase (CDS_0047)
AAA domain, putative AbiEii toxin, Type IV TA system (CDS_0043)
Septu__PtuA (CDS_0052)
transcriptional repressor (CDS_0059)
Retron_VI__HTH (CDS_0039)
integrase (CDS_0055)
uvig_145419 27522:51478(+)
CDS_0105
CDS_0106
uvig_195377 85335:88498(+)
CDS_0011
CDS_0010
IMGVR_UViG_3300029698_000274|3300029698|Ga0245184_100428|3-64052 5743:8906(-)
CDS_0039
CDS_0037
CDS_0040
CDS_0038
uvig_467233 26850:30647(+)
CDS_0035
CDS_0034
CDS_0036
IMGVR_UViG_3300045988_107010|3300045988|Ga0495776_169220 21257:25054(+)
10000 nt
DNA, RNA and nucleotide metabolism
integration and excision
moron, auxiliary metabolic gene and host takeover
other
transcription regulation
unknown function
Defence
Virulence
AMR