DNA invertase (CDS_0062)
CDS_0056
CDS_0061
CDS_0059
CDS_0064
CDS_0058
CDS_0065
CDS_0057
CDS_0066
CDS_0060
CDS_0063
CDS_0067
MGV-GENOME-0324510 36043:43328(+)
CDS_0060
uvig_258970 35639:44170(+)
CDS_0062
MGV-GENOME-0324623 36295:43896(+)
CDS_0062
IMGVR_UViG_3300045988_068830|3300045988|Ga0495776_090959 36510:45792(+)
CDS_0062
IMGVR_UViG_3300045988_025648|3300045988|Ga0495776_026536 35840:43132(+)
CDS_0055 CDS_0056
uvig_210571 34279:43297(+)
CDS_0062 CDS_0063
IMGVR_UViG_3300014790_000099|3300014790|Ga0134419_1000153 35948:43676(+)
CDS_0061
IMGVR_UViG_3300014798_000009|3300014798|Ga0134382_1000231 35500:44876(+)
CDS_0061
IMGVR_UViG_3300045988_126291|3300045988|Ga0495776_181388 35828:42532(+)
Wadjet__JetA_II (CDS_0061)
CDS_0057
Wadjet__JetB_II (CDS_0062)
IMGVR_UViG_3300045988_092541|3300045988|Ga0495776_174272 36090:46406(+)
CDS_0062
CDS_0064 CDS_0065
IMGVR_UViG_3300029364_000063|3300029364|Ga0243886_1000318 37256:44730(+)
CDS_0061
IMGVR_UViG_3300045988_049187|3300045988|Ga0495776_026797 35905:43425(+)
CDS_0061 CDS_0062
IMGVR_UViG_3300029191_000003|3300029191|Ga0168694_100292 35850:44404(+)
CDS_0061
uvig_126568 35850:44335(+)
CDS_0061
ivig_1999 36233:44234(+)
CDS_0061
uvig_270196 36200:43718(+)
uvig_421168 36294:51273(+)
CDS_0061
CDS_0062 CDS_0063
IMGVR_UViG_3300029752_000002|3300029752|Ga0243766_100379 35900:47582(+)
SAMN05826989_a1_ct20870_vs1 36294:47656(+)
uvig_423761 36174:57459(+)
uvig_567258 36090:51337(+)
uvig_383644 36448:67421(+)
uvig_256257 36281:62988(+)
uvig_6303 36447:61176(+)
ParB-like partition protein (CDS_0057)
CDS_0058
CDS_0052
CDS_0059
uvig_166779 34721:43948(+)
ParB-like partition protein (CDS_0057)
CDS_0058
IMGVR_UViG_3300045988_050667|3300045988|Ga0495776_113300 34721:42530(+)
CDS_0061 CDS_0062
MGV-GENOME-0323394 35345:43072(+)
CDS_0060
IMGVR_UViG_3300029764_000273|3300029764|Ga0243769_100190|1-55422 35192:42634(+)
CDS_0060 CDS_0061
MGV-GENOME-0322324 35631:43351(+)
uvig_63631 34945:49882(+)
CDS_0060 CDS_0061
MGV-GENOME-0336261 34945:43811(+)
CDS_0060
CDS_0059
CDS_0054
ivig_586 35101:42428(+)
CDS_0059
IMGVR_UViG_2858042195_000001|2858042195|2858042195|624166-678296 35101:41345(+)
CDS_0057
CDS_0060
CDS_0059
CDS_0061
uvig_116939 35170:45836(+)
Potassium/proton antiporter (VF0838) (CDS_0062)
uvig_536444 36139:49038(+)
tetracycline resistance ribosomal protection protein (NF012153.1) (CDS_0064)
uvig_383011 35482:49720(+)
tetracycline resistance ribosomal protection protein (NF012153.1) (CDS_0064)
uvig_197468 35695:50318(+)
tetracycline resistance ribosomal protection protein (NF012153.1) (CDS_0063)
uvig_367822 36059:50298(+)
tetracycline resistance ribosomal protection protein (NF012153.1) (CDS_0065)
ivig_516 36560:51125(+)
tetracycline resistance ribosomal protection protein (NF012153.1) (CDS_0064)
uvig_209613 36034:50270(+)
tetracycline resistance ribosomal protection protein (NF012153.1) (CDS_0069)
ParB-like partition protein (CDS_0060)
uvig_481941 36493:51882(+)
tetrahydrofolate dehydrogenase and cyclohydrolase (CDS_0081)
serine racemase VanT catalytic subunit (NF033131.1) (CDS_0074)
MazEF__MazF (CDS_0075)
FtsK/SpoIIIE-like protein (CDS_0079)
tetracycline resistance ribosomal protection protein (NF012153.1) (CDS_0064)
TlyC (VF0489) (CDS_0076)
uvig_84480 36124:75731(+)
CDS_0059 CDS_0062
CDS_0061
CDS_0067
MGV-GENOME-0320224 35606:41701(+)
CDS_0059 CDS_0060
IMGVR_UViG_3300045988_038919|3300045988|Ga0495776_188552 35605:41578(+)
CDS_0100
CDS_0099
IMGVR_UViG_3300029475_000002|3300029475|Ga0244097_100275 56816:61220(+)
CDS_0061 CDS_0062
IMGVR_UViG_2858013891_000002|2858013891|2858013902|205790-260461 36460:42023(+)
CDS_0061 CDS_0062
IMGVR_UViG_3300045988_058452|3300045988|Ga0495776_130491 36080:43222(+)
CDS_0061 CDS_0062
MGV-GENOME-0323546 36642:43575(+)
CDS_0061CDS_0062
IMGVR_UViG_2876005813_000001|2876005813|2876005815|28225-83743 36366:43111(+)
CDS_0063
CDS_0062
CDS_0061
CDS_0068
uvig_418700 36523:43801(+)
Capsule (VF0361) (CDS_0064)
CDS_0065
IMGVR_UViG_3300029679_000006|3300029679|Ga0243220_100271 36764:42429(+)
CDS_0062
CDS_0061
MGV-GENOME-0326079 35850:42032(+)
SbcD-like subunit of palindrome specific endonuclease (CDS_0066)
uvig_262584 36053:51272(+)
FosA7 family fosfomycin resistance glutathione transferase (NF032892.0) (CDS_0065)
NimABCDEF family 5-nitroimidazole reductase (NF000261.1) (CDS_0066)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0062)
uvig_142092 36028:52722(+)
vancomycin resistance histidine kinase VanS (NF033091.0) (CDS_0067)
MntABC (VF0455) (CDS_0068)
RegX3 (VF0858) (CDS_0066)
uvig_295544 36469:58562(+)
ABC transporter (CDS_0062)
endolysin (CDS_0066)
Reverse transcriptase (CDS_0076)
uvig_82770 35687:62470(+)
uvig_88342 35908:60149(+)
tetracycline resistance ribosomal protection protein (NF012153.1) (CDS_0068)
SbcD-like subunit of palindrome specific endonuclease (CDS_0075)
RNA ligase (CDS_0072)
transposase (CDS_0065)
ATPase (CDS_0071)
uvig_195998 35797:64913(+)
tetracycline resistance ribosomal protection protein (NF012153.1) (CDS_0067)
SbcD-like subunit of palindrome specific endonuclease (CDS_0072)
ATPase (CDS_0070)
uvig_287265 29987:58531(+)
vancomycin resistance response regulator transcription factor VanR-B (NF000402.1) (CDS_0076)
translation elongation factor (CDS_0065)
uvig_444978_ 37256:70307(+)
tetracycline resistance ribosomal protection protein (NF012153.1) (CDS_0070)
ABC-F type ribosomal protection protein OptrA (NF000514.1) (CDS_0064)
radical SAM domain-containing protein (CDS_0066)
esterase/lipase (CDS_0067)
uvig_457840_ 36142:63162(+)
ESAT-6/CFP-10 (VF0310) (CDS_0070)
FtsK/SpoIIIE-like protein (CDS_0069)
serine-threonine kinase (CDS_0064)
uvig_214240 36108:70177(+)
vancomycin resistance histidine kinase VanS (NF033091.0) (CDS_0068)
RegX3 (VF0858) (CDS_0067)
ABC transporter (CDS_0071)
uvig_177542 36029:68450(+)
IMGVR_UViG_3300029848_000003|3300029848|Ga0245285_1000292 53860:60903(+)
Potassium/proton antiporter (VF0838) (CDS_0061)
uvig_170431 35686:61422(+)
Potassium/proton antiporter (VF0838) (CDS_0062)
uvig_109235 35879:58891(+)
Oligopeptide-binding protein oppA (VF0786) (CDS_0089)
ABC transporter (CDS_0088)
ABC-type heme transporter (VF0739) (CDS_0070)
uvig_277620 36314:75715(+)
10000 nt
DNA, RNA and nucleotide metabolism
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
transcription regulation
unknown function
Defence
Virulence
AMR