radical SAM domain-containing protein (CDS_0051)
cytidyltransferase (CDS_0064)
guanylate kinase (CDS_0057)
endolysin (CDS_0052)
NAD synthetase (CDS_0066)
IMGVR_UViG_3300045988_155494|3300045988|Ga0495776_180904 65097:75950(+)
MGV-GENOME-0377616 65097:75950(+)
IMGVR_UViG_3300045988_152599|3300045988|Ga0495776_015057 1:4077(-), 168825:175314(-)
guanylate kinase (CDS_0054)
excisionase (CDS_0053)
integrase (CDS_0052)
uvig_299093 57940:66507(+)
IMGVR_UViG_3300045988_149381|3300045988|Ga0495776_080943 59322:68920(+)
MGV-GENOME-0367094 84993:90899(+)
MGV-GENOME-0379628 13008:18911(-)
uvig_160314 151571:156196(+)
ivig_3920 152287:157809(+)
IMGVR_UViG_3300029027_000075|3300029027|Ga0169621_100021 129:6327(-)
MGV-GENOME-0377167 156461:162519(+)
MGV-GENOME-0374274 151:5956(-)
MGV-GENOME-0364656 88892:95371(+)
MGV-GENOME-0359738 4342:10779(-)
IMGVR_UViG_3300006525_000004|3300006525|Ga0101027_100034 86538:100752(-)
MGV-GENOME-0375804 1918:16129(+)
IMGVR_UViG_3300045988_143855|3300045988|Ga0495776_002003 108779:117388(+)
uvig_383421 17861:26720(-)
homing endonuclease (CDS_0052)
IMGVR_UViG_3300045988_122498|3300045988|Ga0495776_002042 55911:64908(+)
radical SAM domain-containing protein (CDS_0006)
IMGVR_UViG_3300045988_155761|3300045988|Ga0495776_001832 5502:14187(+)
MGV-GENOME-0377069 3788:12474(-)
MGV-GENOME-0377279 67365:75002(+)
radical SAM domain-containing protein (CDS_0208)
IMGVR_UViG_3300045988_161496|3300045988|Ga0495776_137458 166107:173316(-)
MGV-GENOME-0378116 5562:13176(+)
IMGVR_UViG_3300045988_160349|3300045988|Ga0495776_137365 160011:167088(-)
tail assembly protein (CDS_0066)
OTU_17 41688:56090(-)
MGV-GENOME-0377851 6028:14967(-)
MGV-GENOME-0375652 35869:44808(+)
tail protein (CDS_0063)
endolysin (CDS_0056)
MGV-GENOME-0378317 38008:51001(-)
long tail fiber protein distal subunit (CDS_0193)
IMGVR_UViG_3300007991_000008|3300007991|Ga0105643_100084 159683:171912(-)
MGV-GENOME-0376507 147329:155803(-)
long tail fiber protein distal subunit (CDS_0207)
OTU_27 153283:163975(-)
IMGVR_UViG_3300045988_142755|3300045988|Ga0495776_180886 151:9346(-)
radical SAM domain-containing protein (CDS_0056)
IMGVR_UViG_3300029122_000001|3300029122|Ga0168799_1000051 39181:53321(-)
transposase (CDS_0177)
MGV-GENOME-0378458 127792:140764(-)
IMGVR_UViG_3300045988_152086|3300045988|Ga0495776_137361 80426:89582(+)
excisionase (CDS_0175)
uvig_148800 134614:145773(-)
excisionase (CDS_0029)
IMGVR_UViG_3300045988_167080|3300045988|Ga0495776_186594 29671:40830(+)
excisionase (CDS_0091)
MGV-GENOME-0377493 86635:97019(+)
IMGVR_UViG_3300045988_164349|3300045988|Ga0495776_137460 36014:46977(-)
MGV-GENOME-0378283 36014:46977(-)
excisionase (CDS_0005)
IMGVR_UViG_3300013958_000126|3300013958|Ga0117815_1000014 173543:8183(+)
excisionase (CDS_0132)
IMGVR_UViG_3300029716_000002|3300029716|Ga0245260_1000113 83343:93223(-)
transposase (CDS_0144)
excisionase (CDS_0140)
SRS013940_a1_ct852 96178:107316(-)
tail protein (CDS_0065)
MGV-GENOME-0378059 38151:53241(-)
RM__Type_I_MTases__Type_I_MTases_FAM_0 (CDS_0016)
cas2_I_II_III_IV_V_VI_1 (CDS_0011)
csm3gr7_III-A_III-D_3 (CDS_0007)
cas1_I_II_III_IV_V_VI_1 (CDS_0010)
csm5gr7_III-A_III-D_3 (CDS_0009)
csm2gr11_III-A_15 (CDS_0006)
csm4gr5_III-A_3 (CDS_0008)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0029)
dehydrogenase (CDS_0035)
MntABC (VF0455) (CDS_0026)
SoFic__SoFic (CDS_0015)
csm6_III_8 (CDS_0012)
cas6_I_II_III_IV_V_VI_15 (CDS_0004)
LigA (VF1220) (CDS_0241)
kinase (CDS_0002)
cas10_III_2 (CDS_0005)
uvig_430687 1:50712(-), 215734:232569(-)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0221)
dehydrogenase (CDS_0215)
LigA (VF1220) (CDS_0003)
uvig_546380 179817:11196(+)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0048)
dehydrogenase (CDS_0054)
HitABC (VF0268) (CDS_0045)
LigA (VF1220) (CDS_0030)
ivig_3507 18391:65627(-)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0009)
dehydrogenase (CDS_0015)
HitABC (VF0268) (CDS_0006)
uvig_122276 1:27732(-), 180110:193119(-)
dehydrogenase (CDS_0003)
uvig_71827 205:12171(-)
dehydrogenase (CDS_0004)
uvig_111740 115:13267(-)
dehydrogenase (CDS_0004)
uvig_443153_ 2:13133(-)
dehydrogenase (CDS_0070)
endolysin (CDS_0064)
uvig_215649 80754:94241(+)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0081)
dehydrogenase (CDS_0075)
uvig_68299 83926:101115(+)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0190)
dehydrogenase (CDS_0184)
transposase (CDS_0192)
uvig_254734 136227:154992(+)
Purine synthesis (VF0811) (CDS_0013)
Copper exporter (VF0849) (CDS_0001)
excisionase (CDS_0021)
uvig_310765 193577:25825(+)
20000 nt
DNA, RNA and nucleotide metabolism
integration and excision
lysis
other
tail
unknown function
Defence
Virulence
AMR