terminase large subunit (CDS_0001)
hemolysin (CDS_0012)
endolysin (CDS_0014)
metallo-protease (CDS_0017)
replication initiation protein (CDS_0023)
IMGVR_UViG_3300045988_075997|3300045988|Ga0495776_042856 1:15660(+)
metallo-protease (CDS_0009)
uvig_299105 1:10535(+)
Retron_VI_HTH (CDS_0013)
metallo-protease (CDS_0012)
Retron_VI_HTH (CDS_0014)
IMGVR_UViG_3300045988_091500|3300045988|Ga0495776_189192 1:11260(+)
hemolysin (CDS_0012)
holin (CDS_0013)
Retron_VI_HTH (CDS_0018)
metallo-protease (CDS_0017)
integrase (CDS_0015)
endolysin (CDS_0014)
uvig_167971 1:15532(+)
Retron_VI_HTH (CDS_0011)
metallo-protease (CDS_0010)
IMGVR_UViG_3300045988_090628|3300045988|Ga0495776_063512 1:11655(+)
HNH endonuclease (CDS_0017)
hemolysin (CDS_0012)
integrase (CDS_0008)
endolysin (CDS_0014)
metallo-protease (CDS_0021)
holin (CDS_0013)
integrase (CDS_0019)
integrase (CDS_0018)
Retron_VI_HTH (CDS_0022)
uvig_440259 1:17034(+)
Retron_VI_HTH (CDS_0025)
metallo-protease (CDS_0024)
ivig_3421 12721:22195(+)
Retron_VI_HTH (CDS_0025)
metallo-protease (CDS_0024)
MGV-GENOME-0215752 12709:22021(+)
Retron_VI_HTH (CDS_0024)
metallo-protease (CDS_0023)
MGV-GENOME-0202248 12685:20892(+)
metallo-protease (CDS_0029)
hemolysin (CDS_0025)
Retron_VI_HTH (CDS_0030)
endolysin (CDS_0027)
MGV-GENOME-0228420 12685:23344(+)
metallo-protease (CDS_0029)
hemolysin (CDS_0025)
Retron_VI_HTH (CDS_0030)
endolysin (CDS_0027)
IMGVR_UViG_3300045988_078650|3300045988|Ga0495776_160130 12685:23344(+)
metallo-protease (CDS_0032)
hemolysin (CDS_0028)
Retron_VI_HTH (CDS_0033)
endolysin (CDS_0030)
MGV-GENOME-0229174 12685:25676(+)
metallo-protease (CDS_0029)
tail protein (CDS_0015)
integrase (CDS_0027)
Retron_VI_HTH (CDS_0030)
uvig_166040 10678:24986(+)
CDS_0020
CDS_0021
MGV-GENOME-0188866 10609:18535(+)
Retron_VI_HTH (CDS_0024)
IMGVR_UViG_3300045988_081268|3300045988|Ga0495776_150818 10783:22938(+)
Retron_VI_HTH (CDS_0024)
metallo-protease (CDS_0023)
integrase (CDS_0021)
uvig_155462 10765:21964(+)
Retron_VI_HTH (CDS_0027)
metallo-protease (CDS_0026)
transposase (CDS_0021)
integrase (CDS_0024)
uvig_173765 10783:27714(+)
hemolysin (CDS_0024)
tail protein (CDS_0020)
amidase (CDS_0026)
metallo-protease (CDS_0029)
Retron_VI_HTH (CDS_0030)
SAMN05827051_a1_ct45553_vs1 10883:25268(+)
CDS_0022
CDS_0021
MGV-GENOME-0212000 12813:19210(+)
CDS_0022
CDS_0021
MGV-GENOME-4402652 12813:18985(+)
CDS_0020
MGV-GENOME-0184087 12715:18321(+)
CDS_0021
DNA polymerase (CDS_0023)
CDS_0022
CDS_0024
uvig_80196 12705:21950(+)
DNA polymerase exonuclease subunit (CDS_0022)
integrase (CDS_0021)
CDS_0020
CDS_0023
uvig_163510 12782:21923(+)
superinfection exclusion (CDS_0025)
metallo-protease (CDS_0026)
integrase (CDS_0023)
Retron_VI_HTH (CDS_0027)
uvig_166978 12670:23066(+)
superinfection exclusion (CDS_0022)
metallo-protease (CDS_0023)
CDS_0021
Retron_VI_HTH (CDS_0024)
MGV-GENOME-0214769 12670:20054(+)
metallo-protease (CDS_0025)
Retron_VI_HTH (CDS_0026)
SAMEA2737750_a1_ct10374_vs1 12622:22386(+)
metallo-protease (CDS_0025)
Retron_VI_HTH (CDS_0026)
uvig_144842 12622:22294(+)
CDS_0007
CDS_0008
CDS_0006
CDS_0009
uvig_280893 1:7719(+)
CDS_0006
Retron_VI_HTH (CDS_0007)
SAMEA2737759_a1_ct130587_vs1 1:7096(+)
hemolysin (CDS_0025)
holin (CDS_0026)
replication initiation protein (CDS_0037)
Retron_VI_HTH (CDS_0031)
metallo-protease (CDS_0030)
endolysin (CDS_0027)
uvig_217305 12618:27480(+)
hemolysin (CDS_0025)
Retron_VI_HTH (CDS_0029)
metallo-protease (CDS_0028)
MGV-GENOME-0227418 12618:26133(+)
hemolysin (CDS_0026)
holin (CDS_0027)
Retron_VI_HTH (CDS_0036)
metallo-protease (CDS_0035)
endolysin (CDS_0028)
uvig_400541 12615:30000(+)
hemolysin (CDS_0012)
holin (CDS_0013)
Retron_VI_HTH (CDS_0022)
metallo-protease (CDS_0021)
endolysin (CDS_0014)
uvig_234514 1:18703(+)
hemolysin (CDS_0012)
Retron_VI_HTH (CDS_0020)
metallo-protease (CDS_0019)
endolysin (CDS_0014)
MGV-GENOME-0267438 1:17394(+)
metallo-protease (CDS_0025)
Retron_VI_HTH (CDS_0026)
uvig_288957 12540:23363(+)
metallo-protease (CDS_0024)
Retron_VI_HTH (CDS_0025)
MGV-GENOME-0207807 12540:21975(+)
Retron_VI_HTH (CDS_0025)
metallo-protease (CDS_0024)
uvig_157643 12727:23394(+)
CDS_0021
CDS_0027
Han_2018_ERR1398085_NODE_907_length_25287_cov_6.681238 12617:19449(+)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0010)
metallo-protease (CDS_0017)
Retron_VI_HTH (CDS_0018)
uvig_135748 1:18885(+)
superinfection exclusion (CDS_0013)
IMGVR_UViG_3300045988_105756|3300045988|Ga0495776_103000 1:12199(+)
superinfection exclusion (CDS_0011)
MGV-GENOME-0250297 1:10837(+)
PD-T4-9_PD-T4-9_C (CDS_0015)
hemolysin (CDS_0012)
HTH DNA binding protein (CDS_0018)
integrase (CDS_0008)
holin (CDS_0013)
transcriptional regulator (CDS_0024)
integrase (CDS_0016)
superinfection exclusion (CDS_0022)
endolysin (CDS_0014)
uvig_158970 1:17343(+)
transcriptional repressor (CDS_0031)
superinfection exclusion (CDS_0029)
uvig_245037 12698:27890(+)
hemolysin (CDS_0012)
transcriptional repressor (CDS_0021)
endolysin (CDS_0014)
DNA polymerase (CDS_0019)
uvig_286124 1:18738(+)
transcriptional repressor (CDS_0016)
hemolysin (CDS_0012)
endolysin (CDS_0014)
IMGVR_UViG_3300045988_058513|3300045988|Ga0495776_157799 1:12453(+)
dCTP deaminase (CDS_0016)
hemolysin (CDS_0011)
transcriptional repressor (CDS_0023)
endolysin (CDS_0013)
DNA polymerase (CDS_0021)
SAMEA2737767_a1_ct6454_vs1 1:19784(+)
transcriptional repressor (CDS_0012)
DNA polymerase (CDS_0010)
IMGVR_UViG_3300029126_000012|3300029126|Ga0168786_100596 1:11783(+)
transcriptional repressor (CDS_0010)
DNA polymerase (CDS_0008)
MGV-GENOME-0243370 1:10563(+)
PD-T4-9_PD-T4-9_C (CDS_0015)
hemolysin (CDS_0012)
endolysin (CDS_0014)
IMGVR_UViG_3300045988_063025|3300045988|Ga0495776_042868 1:13230(+)
MGV-GENOME-0217972 1:9823(+)
hemolysin (CDS_0027)
tail fiber protein (CDS_0022)
endolysin (CDS_0029)
DNA polymerase (CDS_0031)
SAMN05826511_a1_ct34913_vs1 12760:27726(+)
7000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence
AMR