transcriptional regulator (CDS_0035)
Retron_VI__HTH (CDS_0028)
holin (CDS_0024)
DnaD-like helicase loader (CDS_0034)
DNA polymerase processivity factor (CDS_0037)
MGV-GENOME-0219921 14478:23611(+)
antitoxin mazE-like (CDS_0025)
CDS_0027
CDS_0024
CDS_0030
CDS_0026
replication initiation protein (CDS_0031)
uvig_204218 14480:21492(+)
Retron_VI__HTH (CDS_0034)
FS_Sma__Sma (CDS_0032)
MGV-GENOME-0282982 14266:25174(+)
integrase (CDS_0028)
amidase (CDS_0026)
Abi-like protein (CDS_0030)
IMGVR_UViG_3300045988_141430|3300045988|Ga0495776_101013 14455:24380(+)
NifU-like Fe-S cluster assembly protein (CDS_0032)
cold shock protein (CDS_0038)
uvig_390327 14266:32582(+)
holin (CDS_0024)
FS_Sma__Sma (CDS_0029)
amidase (CDS_0026)
CDS_0025
CDS_0027
CDS_0030
MGV-GENOME-0232636 14480:22665(+)
amidase (CDS_0026)
CDS_0024
CDS_0025
CDS_0027
IMGVR_UViG_3300045988_106520|3300045988|Ga0495776_104689 14480:22665(+)
holin (CDS_0024)
integrase (CDS_0028)
amidase (CDS_0026)
MGV-GENOME-0247552 14480:25166(+)
holin (CDS_0024)
FS_Sma__Sma (CDS_0032)
amidase (CDS_0026)
AbiD__AbiD (CDS_0030)
IMGVR_UViG_3300045988_144726|3300045988|Ga0495776_186035 14480:29769(+)
integrase (CDS_0027)
amidase (CDS_0026)
uvig_40595 14458:24885(+)
holin (CDS_0024)
integrase (CDS_0027)
amidase (CDS_0026)
Retron_VI__HTH (CDS_0034)
uvig_56863 14458:26015(+)
CDS_0024
CDS_0025
MGV-GENOME-0218237 14507:21139(+)
antitoxin mazE-like (CDS_0027)
antitoxin mazE-like (CDS_0026)
cold shock protein (CDS_0033)
FS_Sma__Sma (CDS_0039)
SAMN00791943_a1_ct134950_vs1 14469:32164(+)
integrase (CDS_0026)
holin (CDS_0024)
FS_Sma__Sma (CDS_0030)
MGV-GENOME-4411463 14469:26281(+)
FS_Sma__Sma (CDS_0026)
dCMP deaminase (CDS_0034)
Lsp (VF0351) (CDS_0032)
FS_Sma__Sma (CDS_0039)
integrase (CDS_0036)
holin (CDS_0024)
Ma_2019_SRR413715_NODE_193_length_53023_cov_8.636365 14469:43202(+)
FS_Sma__Sma (CDS_0026)
FS_Sma__Sma (CDS_0031)
integrase (CDS_0028)
holin (CDS_0024)
MGV-GENOME-0317572 14469:28456(+)
CDS_0029
holin (CDS_0024)
CDS_0028
CDS_0025
CDS_0026
CDS_0034
CDS_0036
MGV-GENOME-0224174 15119:25373(+)
NifU-like Fe-S cluster assembly protein (CDS_0032)
ABC transporter (CDS_0029)
Dnd__DndA (CDS_0031)
cold shock protein (CDS_0038)
holin (CDS_0025)
integrase (CDS_0040)
uvig_499274 14454:35126(+)
holin (CDS_0025)
integrase (CDS_0027)
CDS_0026
MGV-GENOME-0292700 14454:23536(+)
AbiD__AbiD (CDS_0030)
integrase (CDS_0029)
holin (CDS_0024)
IMGVR_UViG_3300029777_000017|3300029777|Ga0243715_1000672 14480:25675(+)
integrase (CDS_0027)
integrase (CDS_0028)
endolysin (CDS_0025)
holin (CDS_0024)
uvig_460854 14480:25621(+)
AbiD__AbiD (CDS_0030)
integrase (CDS_0029)
holin (CDS_0024)
IMGVR_UViG_3300029334_000088|3300029334|Ga0243717_1000619 14480:28435(+)
CDS_0026
Retron_VI__HTH (CDS_0031)
holin (CDS_0024)
CDS_0025
CDS_0027
CDS_0030
MGV-GENOME-0237707 14495:24418(+)
antitoxin mazE-like (CDS_0027)
cold shock protein (CDS_0032)
antitoxin mazE-like (CDS_0028)
integrase (CDS_0034)
holin (CDS_0024)
uvig_70199 14471:31447(+)
antitoxin mazE-like (CDS_0027)
antitoxin mazE-like (CDS_0028)
integrase (CDS_0030)
holin (CDS_0024)
MGV-GENOME-0305115 14471:27955(+)
cold shock protein (CDS_0029)
holin (CDS_0024)
integrase (CDS_0031)
uvig_84921 14480:27412(+)
FS_Sma__Sma (CDS_0026)
integrase (CDS_0027)
holin (CDS_0023)
MGV-GENOME-0343609 14470:26765(+)
endonuclease (CDS_0034)
SAMEA2580209_a1_ct101805_vs1 14457:37017(+)
holin (CDS_0024)
integrase (CDS_0034)
IMGVR_UViG_3300045988_149440|3300045988|Ga0495776_186464 14457:33880(+)
cold shock protein (CDS_0032)
integrase (CDS_0027)
Protein of unknown function (Retron_VII_2__DUF3800) (CDS_0036)
endolysin (CDS_0025)
FS_Sma__Sma (CDS_0029)
integrase (CDS_0034)
holin (CDS_0024)
DNA binding protein (CDS_0041)
uvig_202284 14457:30785(+)
holin (CDS_0024)
IMGVR_UViG_3300029719_000309|3300029719|Ga0245179_1000378|54249-90144 14457:24845(+)
AbiD__AbiD (CDS_0028)
integrase (CDS_0027)
cold shock protein (CDS_0034)
holin (CDS_0024)
integrase (CDS_0036)
uvig_449876 14498:33235(+)
FS_Sma__Sma (CDS_0030)
AbiD__AbiD (CDS_0028)
integrase (CDS_0027)
holin (CDS_0024)
MGV-GENOME-0320582 14478:27979(+)
CDS_0026
holin (CDS_0024)
CDS_0025
CDS_0027
MGV-GENOME-0305584 14478:24067(+)
FS_Sma__Sma (CDS_0030)
AbiD__AbiD (CDS_0028)
dCMP deaminase (CDS_0038)
integrase (CDS_0027)
Lsp (VF0351) (CDS_0036)
holin (CDS_0024)
uvig_58359 14478:43575(+)
FS_Sma__Sma (CDS_0028)
holin (CDS_0024)
integrase (CDS_0034)
uvig_515308 14457:28725(+)
Protein of unknown function (Retron_VII_2__DUF3800) (CDS_0029)
integrase (CDS_0027)
CDS_0030
CDS_0031
CDS_0034
uvig_449691 15357:26577(+)
holin (CDS_0024)
IMGVR_UViG_3300045988_131129|3300045988|Ga0495776_038418 14453:24338(+)
holin (CDS_0020)
IMGVR_UViG_3300045988_113930|3300045988|Ga0495776_100518 12510:23968(+)
holin (CDS_0020)
uvig_538873 12510:24312(+)
Protein of unknown function (Retron_VII_2__DUF3800) (CDS_0026)
CDS_0022
CDS_0027
CDS_0018
CDS_0023
CDS_0028
IMGVR_UViG_3300029365_000031|3300029365|Ga0243866_1001245 14155:24334(+)
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