IMGVR_UViG_3300045988_010123|3300045988|Ga0495776_150533 28142:35987(+)
MGV-GENOME-0346070 28146:36373(+)
aminoglycoside 6'-N-acetyltransferase AacA40 (NF000048.1) (CDS_0042)
IMGVR_UViG_3300029873_000356|3300029873|Ga0245321_100348|6023-61831 28394:37989(+)
MGV-GENOME-0329268 28422:37200(+)
uvig_590591 28633:36512(+)
MGV-GENOME-0321966 29650:37658(+)
MGV-GENOME-0321708 29631:37715(+)
MADS__mad1 (CDS_0046)
uvig_591132 30178:38061(+)
uvig_153903 51260:57177(-)
MGV-GENOME-0335222 34229:40170(+)
Gabija__GajB_2 (CDS_0001)
NshR/TsnR family 23S rRNA methyltransferase (NF000477.1) (CDS_0010)
glutamine amidotransferase (CDS_0017)
uvig_160455 70541:23876(+)
IMGVR_UViG_3300045988_014760|3300045988|Ga0495776_155958 28384:35910(+)
IMGVR_UViG_3300045988_007848|3300045988|Ga0495776_180144 28359:36047(+)
IMGVR_UViG_3300029523_000280|3300029523|Ga0244821_100328|3245-56695 28412:35538(+)
IMGVR_UViG_3300045988_010193|3300045988|Ga0495776_093464 28600:36585(+)
IMGVR_UViG_3300029858_000015|3300029858|Ga0245300_100608 28621:36343(+)
uvig_209460 28354:36397(+)
MGV-GENOME-0320611 28969:36583(+)
holin (CDS_0042)
endolysin (CDS_0043)
uvig_434735_ 28552:39170(+)
Lar anti-RM (APIS033) (CDS_0036)
IMGVR_UViG_3300045988_020861|3300045988|Ga0495776_026954 28351:38057(+)
IMGVR_UViG_3300029595_000258|3300029595|Ga0245140_100330|26147-81001 28625:37058(+)
IMGVR_UViG_3300029623_000511|3300029623|Ga0245138_1000456|8623-63474 28624:37056(+)
MGV-GENOME-0350653 28912:37702(+)
IMGVR_UViG_3300029612_000433|3300029612|Ga0245127_100331|20929-75810 28371:36911(+)
IMGVR_UViG_3300030032_000290|3300030032|Ga0245332_100545|6601-63312 27834:38916(+)
IMGVR_UViG_3300029747_000315|3300029747|Ga0245228_100098|50108-106165 28664:37604(+)
Reverse transcriptase (CDS_0043)
MGV-GENOME-0322109 28907:38689(+)
MGV-GENOME-0344065 28671:37638(+)
Uzume__UzuA (CDS_0043)
uvig_382634 28683:41178(+)
IMGVR_UViG_3300029717_000484|3300029717|Ga0245160_1000087|8361-64621 28058:37723(+)
IMGVR_UViG_3300029857_000388|3300029857|Ga0245297_1000190|45252-100621 28057:36276(+)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0043)
IMGVR_UViG_3300029562_000228|3300029562|Ga0245122_100398|7525-64784 28030:38723(+)
tail fiber protein (CDS_0040)
holin (CDS_0041)
MGV-GENOME-0342507 28047:40470(+)
MGV-GENOME-0345040 28626:36998(+)
MGV-GENOME-0328200 28626:36584(+)
MGV-GENOME-0319971 27933:35707(+)
uvig_181240 28650:41778(+)
MGV-GENOME-0320742 28661:37496(+)
IMGVR_UViG_3300029718_000004|3300029718|Ga0245237_1000420 28640:36299(+)
Lar anti-RM (APIS033) (CDS_0039)
MGV-GENOME-0321754 28792:36631(+)
tail fiber protein (CDS_0041)
holin (CDS_0042)
MGV-GENOME-0343152 28598:40731(+)
Lar anti-RM (APIS033) (CDS_0038)
MGV-GENOME-0322989 28403:36076(+)
IMGVR_UViG_3300045988_031948|3300045988|Ga0495776_093696 28402:37211(+)
MGV-GENOME-0344081 28591:36707(+)
uvig_178348 27247:34775(+)
IMGVR_UViG_3300045988_021980|3300045988|Ga0495776_150126 28591:37918(+)
virion structural protein (CDS_0041)
IMGVR_UViG_3300029742_000243|3300029742|Ga0245239_100216|72889-130770 28616:39504(+)
metallo-phosphoesterase (CDS_0041)
DNA invertase (CDS_0043)
Lar anti-RM (APIS033) (CDS_0036)
integrase (CDS_0044)
integrase (CDS_0042)
IMGVR_UViG_3300045988_046101|3300045988|Ga0495776_163470 28350:44646(+)
TIGRFAMs: mercury(II) reductase (TIGR02053.1) (CDS_0052)
uvig_73454 28626:53951(+)
DNA polymerase (CDS_0043)
uvig_255994 28669:46060(+)
Streptococcal lipoprotein rotamase A (VF1047) (CDS_0040)
MutT/NUDIX hydrolase (CDS_0043)
FeoAB (VF0160) (CDS_0051)
ABC transporter (CDS_0053)
RegX3 (VF0858) (CDS_0047)
uvig_279089 28631:62885(+)
metal-dependent hydrolase (CDS_0045)
PhoH-like phosphate starvation-inducible (CDS_0054)
ATPase (CDS_0060)
FbpABC (VF0272) (CDS_0062)
uvig_487033 28609:58141(+)
virion structural protein (CDS_0044)
MADS__mad1 (CDS_0058)
IMGVR_UViG_3300029489_000250|3300029489|Ga0244014_1000098|42352-105484 28230:46115(+)
IMGVR_UViG_3300029495_000300|3300029495|Ga0244015_1000002|2-61391 28230:44372(+)
IMGVR_UViG_3300045988_009541|3300045988|Ga0495776_152289 28237:37930(+)
IMGVR_UViG_3300045988_014624|3300045988|Ga0495776_093646 28718:37965(+)
IMGVR_UViG_3300045988_069360|3300045988|Ga0495776_156032 27216:40916(+)
uvig_180579 27111:37661(+)
anti-CRISPR-Cas (AcrIIA21) (CDS_0001)
IMGVR_UViG_3300045988_066640|3300045988|Ga0495776_156094 1:11508(+)
MGV-GENOME-0341654 27111:40888(+)
tail fiber protein (CDS_0044)
IMGVR_UViG_3300029554_000272|3300029554|Ga0245041_100134|31222-97789 28680:48132(+)
10000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
tail
unknown function
Defence
Virulence
Anti-defence
AMR