10000 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
Virulence
AMR
IMGVR_UViG_3300029068_000031|3300029068|Ga0169188_10039|20863-99296 6487:28763(+)
tail length tape measure protein (CDS_0016)
distal tail protein Dit (CDS_0017)
IMGVR_UViG_3300045988_155752|3300045988|Ga0495776_164584 6752:49220(+)
RT_III-AM_III-B_2 (CDS_0029)
distal tail protein Dit (CDS_0021)
integrase (CDS_0041)
40 integrase (CDS_0043)
Retron_XII_RT_12 (CDS_0047)
DinG_IV-A_2 (CDS_0038)
Retron_III_WH (CDS_0046)
Retron_III_PRTase (CDS_0045)
IMGVR_UViG_3300006476_000146|3300006476|Ga0100233_100164 6764:55943(+)
tail length tape measure protein (CDS_0018)
distal tail protein Dit (CDS_0019)
RT_III-AM_III-B_2 (CDS_0027)
DNA helicase (CDS_0040)
FtsK/SpoIIIE-like protein (CDS_0038)
AAA domain, putative AbiEii toxin, Type IV TA system (CDS_0035)
MGV-GENOME-0341584 4508:6706(-)
distal tail protein Dit (CDS_0107)
RT_III-AM_III-B_2 (CDS_0099)
tail fiber protein (CDS_0104)
MGV-GENOME-0352967 6767:30738(+)
distal tail protein Dit (CDS_0017)
MGV-GENOME-0352928 7073:38357(+)
distal tail protein Dit (CDS_0020)
RT_III-AM_III-B_2 (CDS_0028)
tail fiber protein (CDS_0023)
IMGVR_UViG_3300045988_171270|3300045988|Ga0495776_0061 57 6767:38097(+)
distal tail protein Dit (CDS_0019)
tail length tape measure protein (CDS_0018)
tail fiber protein (CDS_0022)
IMGVR_UViG_2882072473_000006|2882072473|2882072474|551343-639126 6765:39803(+)
distal tail protein Dit (CDS_0019)
RT_III-AM_III-B_2 (CDS_0027)
tail length tape measure protein (CDS_0018)
tail fiber protein (CDS_0022)
MGV-GENOME-0346230 6764:38324(+)
distal tail protein Dit (CDS_0019)
RT_III-AM_III-B_2 (CDS_0027)
tail length tape measure protein (CDS_0018)
tail fiber protein (CDS_0022)
OTU_256 6758:38661(+)
tail fiber protein (CDS_0022)
RT_III-AM_III-B_2 (CDS_0026)
tail length tape measure protein (CDS_0016)
distal tail protein Dit (CDS_0017)
Shkoporov_2019_SRR9161576_NODE_5_length_82531_cov_219.504244 6763:36950(+)
tail length tape measure protein (CDS_0016)
distal tail protein Dit (CDS_0017)
RT_III-AM_III-B_2 (CDS_0025)
tail fiber protein (CDS_0020)
uvig_282992 5392:35514(+)
tail length tape measure protein (CDS_0016)
distal tail protein Dit (CDS_0017)
RT_III-AM_III-B_2 (CDS_0025)
tail fiber protein (CDS_0020)
IMGVR_UViG_3300045988_159162|3300045988|Ga0495776_136921 6765:36963(+)
distal tail protein Dit (CDS_0017)
RT_III-AM_III-B_2 (CDS_0025)
tail length tape measure protein (CDS_0016)
tail fiber protein (CDS_0020)
IMGVR_UViG_3300014806_000268|3300014806|Ga0134388_100006 1|576-84788 6765:37736(+)
distal tail protein Dit (CDS_0017)
tail length tape measure protein (CDS_0016)
RT_III-AM_III-B_2 (CDS_0025)
tail fiber protein (CDS_0020)
IMGVR_UViG_3300045988_144949|3300045988|Ga0495776_096513 6766:36734(+)
tail length tape measure protein (CDS_0016)
distal tail protein Dit (CDS_0017)
RT_III-AM_III-B_2 (CDS_0025)
SAMN00779901_b1_ct1 6765:38483(+)
distal tail protein Dit (CDS_0017)
tail length tape measure protein (CDS_0016)
RT_III-AM_III-B_2 (CDS_0025)
tail fiber protein (CDS_0020)
uvig_382502 6765:40081(+)
distal tail protein Dit (CDS_0017)
tail length tape measure protein (CDS_0016)
RT_III-AM_III-B_2 (CDS_0025)
tail fiber protein (CDS_0020)
uvig_54414 6764:38463(+)
tail length tape measure protein (CDS_0016)
distal tail protein Dit (CDS_0017)
RT_III-AM_III-B_2 (CDS_0025)
IMGVR_UViG_3300003|3300029742_000003|3300029742|Ga0245239_100470 6173:36020(+)
tail length tape measure protein (CDS_0015)
distal tail protein Dit (CDS_0016)
RT_III-AM_III-B_2 (CDS_0024)
OTU_340 6176:36965(+)
distal tail protein Dit (CDS_0019)
tail length tape measure protein (CDS_0018)
RT_III-AM_III-B_2 (CDS_0027)
MGV-GENOME-0342328 6649:36200(+)
distal tail protein Dit (CDS_0017)
tail fiber protein (CDS_0020)
MGV-GENOME-0355448 6768:36779(+)
distal tail protein Dit (CDS_0018)
tail length tape measure protein (CDS_0017)
tail fiber protein (CDS_0021)
IMGVR_UViG_3300045988_151642|3300045988|Ga0495776_171906 6769:34021(+)
distal tail protein Dit (CDS_0017)
tail length tape measure protein (CDS_0016)
RT_III-AM_III-B_2 (CDS_0024)
tail fiber protein (CDS_0020)
IMGVR_UViG_3300045988_147378|3300045988|Ga0495776_017198 6764:36148(+)
distal tail protein Dit (CDS_0017)
tail length tape measure protein (CDS_0016)
tail fiber protein (CDS_0020)
IMGVR_UViG_3300045988_152775|3300045988|Ga0495776_152766 6767:33854(+)
tail length tape measure protein (CDS_0016)
distal tail protein Dit (CDS_0017)
RT_III-AM_III-B_2 (CDS_0025)
MGV-GENOME-0345512 6764:38186(+)
tail length tape measure protein (CDS_0016)
distal tail protein Dit (CDS_0017)
RT_III-AM_III-B_2 (CDS_0025)
MGV-GENOME-0355504 6762:38185(+)
distal tail protein Dit (CDS_0017)
tail length tape measure protein (CDS_0016)
RT_III-AM_III-B_2 (CDS_0025)
tail fiber protein (CDS_0020)
uvig_380296 6484:33708(+)
Accessory secretion factor (VF0808) (CDS_0020)
tail length tape measure protein (CDS_0016)
DNA methyltransferase (CDS_0023)
DNA methyltransferase (CDS_0022)
MGV-GENOME-4430709 6193:23096(+)
tail length tape measure protein (CDS_0015)
uvig_62379 6767:23374(+)
tail length tape measure protein (CDS_0016)
MGV-GENOME-0352892 6767:38357(+)
tail length tape measure protein (CDS_0016)
distal tail protein Dit (CDS_0017)
uvig_282992 5392:35514(+)
MGV-GENOME-0346230 6764:38324(+)
Shkoporov_2019_SRR9161576_NODE_5_length_82531_cov_219.504244 6763:36950(+)
OTU_256 6758:38661(+)
Qnr8 family quinolone resistance pentapeptide repeat protein (NF000420.1) (CDS_0001)
CDS_0007
CDS_0006
CDS_0004
CDS_0002
CDS_0008
CDS_0003
CDS_0005
CDS_0009
MGV-GENOME-0308868 78:47773(+)
CDS_0001
MGV-GENOME-0281284 281:3308(+)
CDS_0010
CDS_0008
CDS_0007
CDS_0005
CDS_0009
CDS_0006
CDS_0011
MGV-GENOME-0336005 3574:12165(+)
transcriptional regulator (CDS_0011)
CDS_0010
CDS_0012
uvig_375616 3574:12680(+)
CDS_0010
uvig_84195 3572:11437(+)
CDS_0011
CDS_0010
CDS_0012
MGV-GENOME-0340610 3575:14582(+)
CDS_0012
CDS_0011
CDS_0010
CDS_0013
MGV-GENOME-0333948 3570:14346(+)
CDS_0004
CDS_0010
CDS_0009
CDS_0011
MGV-GENOME-0328466 3245:11196(+)
transposase (CDS_0012)
CDS_0017
CDS_0016
CDS_0013
CDS_0014
CDS_0011
CDS_0018
CDS_0015
CDS_0019
MGV-GENOME-0343280 6757:22185(+)
CDS_0014
CDS_0013
tail length tape measure protein (CDS_0016)
CDS_0015
uvig_540496 6760:19636(+)
CDS_0014
CDS_0013
CDS_0015
CDS_0016
MGV-GENOME-0337873 6752:17251(+)