hemolysin (CDS_0038)
holin (CDS_0039)
CDS_0037
endolysin (CDS_0040)
CDS_0041
CDS_0042
CDS_0043
CDS_0044
CDS_0045
CDS_0046
CDS_0047
CDS_0048
CDS_0049
CDS_0050
CDS_0051
CDS_0052
CDS_0053
CDS_0055
CDS_0056
rolling circle DNA replication initiation (CDS_0054)
IMGVR_UViG_3300045988_090920|3300045988|Ga0495776_043896 28804:38962(+)
uvig_240501 29068:39274(+)
uvig_493747 31741:39400(+)
uvig_445682 32700:40259(+)
replication initiation protein (CDS_0055)
MGV-GENOME-0254615 28413:37503(+)
MGV-GENOME-0261362 28570:38671(+)
IMGVR_UViG_3300045988_093066|3300045988|Ga0495776_111141 29251:39864(+)
MGV-GENOME-0289147 33838:41537(+)
IMGVR_UViG_3300045988_099372|3300045988|Ga0495776_128303 29903:39192(+)
uvig_44470_ 29515:39373(+)
transcriptional regulator (CDS_0046) CDS_0047
IMGVR_UViG_3300029380_000016|3300029380|Ga0243900_1000792 28997:39497(+)
transcriptional regulator (CDS_0045) CDS_0046
IMGVR_UViG_3300029447_000018|3300029447|Ga0243899_1000873 29490:39188(+)
uvig_581950 28193:37896(+)
transcriptional regulator (CDS_0048)
MGV-GENOME-0267562 28421:39795(+)
uvig_137503 28689:38686(+)
MGV-GENOME-0263323 28762:39015(+)
MGV-GENOME-0261121 28443:38627(+)
endolysin (CDS_0038)
CDS_0039
transcriptional regulator (CDS_0045)
uvig_517229 27257:39870(+)
MGV-GENOME-0267941 27257:39870(+)
transcriptional regulator (CDS_0048)
IMGVR_UViG_3300045988_084474|3300045988|Ga0495776_153041 30498:37689(+)
Ma_2019_SRR1778455_NODE_311_length_39291_cov_9.548705 32122:39270(+)
cas12f2_V-F_2 (CDS_0039)
IMGVR_UViG_3300029521_000290|3300029521|Ga0244833_100284|7754-48576 29315:40805(+)
transcriptional regulator (CDS_0046)
MGV-GENOME-0265277 29311:39357(+)
IMGVR_UViG_3300045988_120556|3300045988|Ga0495776_125985 28380:38192(+)
transcriptional regulator (CDS_0047)
transposase (CDS_0040)
IMGVR_UViG_3300045988_108097|3300045988|Ga0495776_027021 29467:39238(+)
uvig_299104 27443:37870(+)
uvig_1987 28548:38594(+)
transcriptional regulator (CDS_0043)
MGV-GENOME-0277221 28534:34995(+)
uvig_592289 15175:23779(+)
transcriptional regulator (CDS_0044)
MGV-GENOME-0256486 28578:37826(+)
SRS142618_a1_ct24200_vs01 30288:38628(+)
MGV-GENOME-0260274 33749:38474(+)
IMGVR_UViG_3300045988_062096|3300045988|Ga0495776_041345 29894:37864(+)
IMGVR_UViG_3300029684_000020|3300029684|Ga0245194_100892 28607:38021(+)
MGV-GENOME-0307367 29561:36689(+)
MGV-GENOME-0262917 31432:38940(+)
uvig_159251 32288:39323(+)
IMGVR_UViG_3300045988_047578|3300045988|Ga0495776_148453 29182:35867(+)
IMGVR_UViG_3300045988_089114|3300045988|Ga0495776_182390 29182:35818(+)
MGV-GENOME-0262464 33903:38867(+)
MGV-GENOME-0224994 27489:32374(+)
IMGVR_UViG_3300045988_095599|3300045988|Ga0495776_083963 33161:37603(+)
MGV-GENOME-0256122 28069:37272(+)
IMGVR_UViG_3300045988_090248|3300045988|Ga0495776_084388 28069:37272(+)
IMGVR_UViG_3300045988_082105|3300045988|Ga0495776_062981 26916:35827(+)
vancomycin resistance histidine kinase VanS (NF033091.0) (CDS_0043)
MntABC (VF0455) (CDS_0044)
RegX3 (VF0858) (CDS_0042)
IMGVR_UViG_3300029548_000067|3300029548|Ga0245003_100630 28891:42559(+)
uvig_255720 28735:40794(+)
MGV-GENOME-0315374 27661:36255(+)
transcriptional regulator (CDS_0041)
uvig_79852 27389:36255(+)
uvig_90383 27759:39482(+)
uvig_234780 28403:38163(+)
IMGVR_UViG_3300045988_100928|3300045988|Ga0495776_148432 28330:37240(+)
uvig_284273 28330:40389(+)
uvig_148965 28584:37056(+)
IMGVR_UViG_3300045988_053422|3300045988|Ga0495776_127520 27660:36782(+)
MGV-GENOME-0276324 27370:35105(+)
ABC transporter (CDS_0040)
uvig_164501 28226:39998(+)
IMGVR_UViG_3300045988_102261|3300045988|Ga0495776_162566 28450:38197(+)
MGV-GENOME-0262185 28776:34909(+)
excisionase (CDS_0041)
uvig_518407 29795:41473(+)
uvig_167502 28750:40751(+)
IMGVR_UViG_3300045988_080988|3300045988|Ga0495776_153040 30207:37715(+)
IMGVR_UViG_3300045988_085876|3300045988|Ga0495776_087299 29922:37056(+)
Retron_VI_HTH (CDS_0045)
uvig_167372 30046:38177(+)
IMGVR_UVIG_3300045988_134229|3300045988|Ga0495776_161632 29097:42320(+)
MGV-GENOME-0266490 29031:39579(+)
MGV-GENOME-0234052 24455:34094(+)
uvig_222544 29195:38505(+)
IMGVR_UVIG_3300045988_072304|3300045988|Ga0495776_084364 28112:37748(+)
hemolysin (CDS_0041)
Retron_VI_HTH (CDS_0046)
uvig_447920 29597:39189(+)
Adhesive fimbriae (VF0213) (CDS_0045)
Retron_VI_HTH (CDS_0046)
uvig_257964 29319:44366(+)
MGV-GENOME-0261563 31526:38219(+)
Shkoporov_2019_SRR9161502_NODE_512_length_38372_cov_24.950335 31169:38351(+)
6000 nt
DNA, RNA and nucleotide metabolism
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
transcription regulation
unknown function
Defence
Virulence
AMR