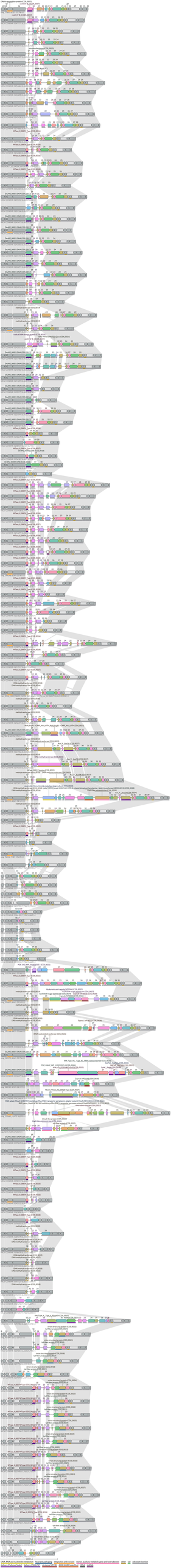

DNA transposition protein (CDS_0015)
cysH_IV-B_1 (CDS_0017)
uvig_77600: 8,321-23,706 (+)
cysH_IV-B_1 (CDS_0017)
MGV-GENOME-0247171: 8,321-23,086 (+)
MGV-GENOME-0257185: 8,460-22,329 (+)
MGV-GENOME-0272544: 8,461-22,464 (+)
phosphodiesterase (CDS_0020)
MGV-GENOME-0266339: 8,460-23,518 (+)
MGV-GENOME-0242575: 8,460-22,320 (+)
tRNA-Asp(GTC)
MGV-GENOME-0257265: 8,460-24,195 (+)
MGV-GENOME-0254684: 8,460-26,788 (+)
MGV-GENOME-0244890: 8,460-25,182 (+)
MGV-GENOME-0271619: 8,321-24,230 (+)
MGV-GENOME-0243438: 8,459-24,968 (+)
MGV-GENOME-0274866: 8,461-25,924 (+)
MTase_II_00074 Type (CDS_0016)
MGV-GENOME-0295988: 8,461-21,634 (+)
MTase_II_00074 Type (CDS_0016)
MGV-GENOME-0246083: 8,461-20,932 (+)
MTase_II_00074 Type (CDS_0016)
SRS143417_a1_ct4014_vs01: 8,461-22,895 (+)
MTase_II_00074 Type (CDS_0018)
MGV-GENOME-0253855: 8,443-22,746 (+)
MGV-GENOME-0316023: 8,461-20,750 (+)
DruM2_00001 DNA (CDS_0017)
MGV-GENOME-0235312: 8,461-23,628 (+)
MGV-GENOME-0224166: 8,461-21,505 (+)
DruM2_00001 DNA (CDS_0016)
MGV-GENOME-0245473: 8,461-21,663 (+)
DruM2_00001 DNA (CDS_0017)
MGV-GENOME-0405629: 8,461-21,035 (+)
DruM2_00001 DNA (CDS_0017)
MGV-GENOME-0243003: 8,461-21,643 (+)
DruM2_00001 DNA (CDS_0017)
MGV-GENOME-0231192: 8,461-22,808 (+)
DruM2_00001 DNA (CDS_0017)
MGV-GENOME-0226291: 8,461-21,875 (+)
DruM2_00001 DNA (CDS_0017)
MGV-GENOME-0301011: 8,461-23,608 (+)
MGV-GENOME-0226016: 8,432-21,828 (+)
MGV-GENOME-0254389: 8,432-21,404 (+)
MGV-GENOME-0213444: 8,461-19,630 (+)
methyltransferase (CDS_0019)
MGV-GENOME-0303961: 8,432-25,325 (+)
methyltransferase (CDS_0019)
MGV-GENOME-0342891: 8,432-21,251 (+)
radical SAM domain protein (CDS_0016)
SIR2-PNTD1-PNTD2 Class (CDS_0021)
cysH_IV-B_1 (CDS_0017)
MGV-GENOME-0242014: 8,461-24,756 (+)
DruM2_00001 DNA (CDS_0017)
MGV-GENOME-0251488: 8,461-26,238 (+)
DruM2_00001 DNA (CDS_0017)
MGV-GENOME-0250482: 8,461-26,067 (+)
DruM2_00001 DNA (CDS_0017)
MGV-GENOME-0213493: 8,461-19,636 (+)
DruM2_00001 DNA (CDS_0016)
MGV-GENOME-0209279: 8,461-18,874 (+)
DruM2_00001 DNA (CDS_0016)
MGV-GENOME-0205824: 8,461-18,279 (+)
DruM2_00001 DNA (CDS_0017)
MGV-GENOME-0225044: 8,461-21,657 (+)
DruM2_00001 DNA (CDS_0017)
MGV-GENOME-0286427: 8,461-21,080 (+)
MTase_II_00074 Type (CDS_0018)
MGV-GENOME-0206670: 8,432-18,424 (+)
MGV-GENOME-0208519: 8,460-18,741 (+)
MTase_II_00074 Type (CDS_0017)
DruM2_00001 DNA (CDS_0018)
MGV-GENOME-0206387: 8,460-18,378 (+)
DruM2_00001 DNA (CDS_0016)
MGV-GENOME-0212146: 8,461-19,380 (+)
MGV-GENOME-0201109: 8,461-17,419 (+)
MTase_II_00074 Type (CDS_0018)
MGV-GENOME-0259594: 8,430-27,633 (+)
MTase_II_00074 Type (CDS_0018)
MGV-GENOME-0244410: 8,443-25,113 (+)
MTase_II_00074 Type (CDS_0017)
MGV-GENOME-0259430: 8,444-24,171 (+)
MTase_II_00074 Type (CDS_0018)
MGV-GENOME-0238806: 8,431-24,303 (+)
MTase_II_00074 Type (CDS_0017)
MGV-GENOME-0254299: 8,280-23,618 (+)
MTase_II_00074 Type (CDS_0018)
MGV-GENOME-0268099: 8,432-22,970 (+)
MTase_II_00074 Type (CDS_0018)
MGV-GENOME-0247159: 8,432-24,062 (+)
MTase_II_00074 Type (CDS_0018)
MGV-GENOME-0247944: 8,432-22,925 (+)
uvig_194248: 8,280-22,965 (+)
MTase_II_00074 Type (CDS_0018)
MGV-GENOME-0220304: 8,431-20,858 (+)
MTase_II_00074 Type (CDS_0018)
MGV-GENOME-0213961: 8,431-19,716 (+)
MGV-GENOME-0261557: 8,431-25,113 (+)
MGV-GENOME-0223626: 8,383-21,417 (+)
MGV-GENOME-0215731: 8,431-20,045 (+)
MGV-GENOME-0211437: 8,461-19,249 (+)
MTase_II_00074 Type (CDS_0016)
MGV-GENOME-0348952: 8,461-28,836 (+)
MTase_II_00074 Type (CDS_0018)
MGV-GENOME-0300585: 8,432-22,456 (+)
MGV-GENOME-0213517: 8,461-19,640 (+)
MTase_II_00074 Type (CDS_0017)
MGV-GENOME-0267362: 8,432-23,571 (+)
DNA methyltransferase (CDS_0018)
DNA methyltransferase (CDS_0016)
Han_2018_ERR1398201_NODE_485_length_33978_cov_14.782879: 8,461-22,332 (+)
methyltransferase (CDS_0020)
MGV-GENOME-0299210: 8,431-20,926 (+)
methyltransferase (CDS_0020)
MGV-GENOME-0246374: 8,431-25,406 (+)
RtcR_PspF1–CARF_AAA_HTH_RtcR_PspF1–CARF_AAA_HTH (CDS_0021)
DruM2_00001 DNA (CDS_0016)
uvig_786: 8,461-26,576 (+)
methyltransferase (CDS_0018)
DNA methyltransferase (CDS_0022)
Avs_V__Avs5A (CDS_0027)
MGV-GENOME-0216966: 8,461-28,054 (+)
methyltransferase (CDS_0018)
DNA methyltransferase (CDS_0022)
Avs_V__Avs5A (CDS_0027)
MGV-GENOME-0270350: 8,461-29,610 (+)
HEase_00017 homing (CDS_0021)
methyltransferase (CDS_0018)
DNA methyltransferase (CDS_0022)
Avs_V__Avs5A (CDS_0027)
MGV-GENOME-0273071: 8,461-30,125 (+)
anaerobic ribonucleoside reductase large subunit (CDS_0022)
DNA methyltransferase (CDS_0018)
poly_MCR3_broad-NCBIFAM MCR-3-related phosphoethanolamine--lipid A transferase (NF033409.0) (CDS_0028)
DNA methyltransferase (CDS_0016)
DarB-like antirestriction (CDS_0029)
Avs_V__Avs5A (CDS_0034)
uvig_481505: 8,461-38,141 (+)
methyltransferase (CDS_0018)
MGV-GENOME-0264982: 8,461-28,578 (+)
MGV-GENOME-0209595: 8,430-18,926 (+)
MTase_II_00074 Type (CDS_0015)
MGV-GENOME-0201205: 7,675-17,451 (+)
MGV-GENOME-0201022: 8,460-17,403 (+)
uvig_76136: 7,787-19,678 (+)
MGV-GENOME-0213793: 7,787-19,253 (+)
MGV-GENOME-0202138: 7,736-17,611 (+)
MGV-GENOME-0202257: 7,736-17,629 (+)
MGV-GENOME-0202285: 7,719-17,634 (+)
MGV-GENOME-0237722: 7,736-19,770 (+)
MGV-GENOME-0186002: 7,596-14,869 (+)
MGV-GENOME-0181787: 7,736-14,506 (+)
MGV-GENOME-0183503: 7,719-14,461 (+)
MGV-GENOME-0185454: 7,736-14,766 (+)
MGV-GENOME-0204365: 7,736-17,947 (+)
MGV-GENOME-0190944: 7,736-15,663 (+)
PDC-S42_WP_165601015.1 (CDS_0021)
uvig_312394: 8,461-30,982 (+)
MTase_II_00074 Type (CDS_0016)
MGV-GENOME-0288752: 8,461-33,254 (+)
Hyaluronic acid capsule (VF0244) (CDS_0025)
methyltransferase (CDS_0019)
nucleotide-sugar epimerase (CDS_0027)
nucleotide-sugar epimerase (CDS_0024)
Capsule (VF0003) (CDS_0028)
Capsule (VF0003) (CDS_0026)
uvig_226827: 8,461-32,249 (+)
methyltransferase (CDS_0019)
MGV-GENOME-0284080: 8,461-21,526 (+)
DNA methyltransferase (CDS_0020)
DNA methyltransferase (CDS_0018)
Sigma L (VF0855) (CDS_0028)
uvig_191168: 8,431-35,666 (+)
tRNA nucleotidyltransferase (CDS_0026)
MGV-GENOME-0304832: 8,460-29,470 (+)
DruM2_00001 DNA (CDS_0017)
uvig_240571: 8,461-32,736 (+)
RM_Type_IIG__Type_IIG_FAM_0.einsi_trimmed (CDS_0026)
PDC-M64C_WP_110053925.1 (CDS_0024)
GAPS4__GAPS4a (CDS_0030)
shah_acc_0139 HKD+Snf2 (CDS_0025)
GAPS4__GAPS4b (CDS_0031)
DruM2_00001 DNA (CDS_0018)
SpbK__SpbK (CDS_0028)
MGV-GENOME-0318479: 8,461-37,121 (+)
Capsule (VF0144) (CDS_0030)
uvig_284181: 8,320-28,319 (+)
REase_MTase_IIG_00020 Type (CDS_0024)
MGV-GENOME-0267468: 8,323-29,050 (+)
RND_adapt_MexA-NCBIFAM multidrug efflux RND transporter periplasmic adaptor subunit MexA (NF033834.1) (CDS_0021)
RND_perm_OqxB-NCBIFAM multidrug efflux RND transporter permease subunit OqxB (NF000037.1) (CDS_0022)
thioredoxin domain (CDS_0025)
uvig_152680: 8,472-38,290 (+)
UmuD-like protein (CDS_0022)
DarB-like antirestriction (CDS_0021)
tail fiber protein (CDS_0025)
uvig_4235: 7,696-25,014 (+)
DruM2_00001 DNA (CDS_0017)
MGV-GENOME-0199670: 8,461-18,052 (+)
MGV-GENOME-0197848: 8,461-17,730 (+)
MTase_II_00074 Type (CDS_0018)
MGV-GENOME-0195296: 8,432-17,274 (+)
MTase_II_00074 Type (CDS_0016)
MGV-GENOME-0198117: 8,461-17,777 (+)
MTase_II_00074 Type (CDS_0016)
MGV-GENOME-0193998: 8,458-17,037 (+)
MTase_II_00074 Type (CDS_0016)
MGV-GENOME-0343112: 8,461-17,490 (+)
MGV-GENOME-0183896: 8,460-15,404 (+)
MTase_II_00074 Type (CDS_0018)
MGV-GENOME-0196603: 8,432-17,505 (+)
methyltransferase (CDS_0020)
MGV-GENOME-0289270: 8,431-19,519 (+)
DNA methyltransferase (CDS_0019)
DNA methyltransferase (CDS_0017)
MGV-GENOME-0198478: 8,432-17,841 (+)
DNA methyltransferase (CDS_0019)
DNA methyltransferase (CDS_0017)
MGV-GENOME-0193333: 8,460-16,942 (+)
DNA methyltransferase (CDS_0018)
DNA methyltransferase (CDS_0016)
MGV-GENOME-0197127: 8,461-17,599 (+)
DNA methyltransferase (CDS_0018)
MGV-GENOME-0196941: 8,431-17,564 (+)
MGV-GENOME-0185218: 7,736-15,607 (+)
MGV-GENOME-0177217: 7,736-14,443 (+)
RM_Type_II__Type_II_REase06 (CDS_0019)
AbiP2 (CDS_0021)
MGV-GENOME-0294984: 8,460-31,274 (+)
virion structural protein (CDS_0022)
tail fiber protein (CDS_0021)
uvig_410647: 6,652-22,437 (+)
virion structural protein (CDS_0021)
tail fiber protein (CDS_0020)
MGV-GENOME-0225854: 6,652-21,791 (+)
virion structural protein (CDS_0018)
tail fiber protein (CDS_0017)
MGV-GENOME-0217550: 6,652-20,371 (+)
virion structural protein (CDS_0018)
tail fiber protein (CDS_0017)
MGV-GENOME-0204093: 5,237-17,277 (+)
virion structural protein (CDS_0024)
tail fiber protein (CDS_0023)
MTase_II_00074 Type (CDS_0016)
MGV-GENOME-0244973: 5,765-21,594 (+)
virion structural protein (CDS_0023)
tail fiber protein (CDS_0022)
MTase_II_00074 Type (CDS_0016)
MGV-GENOME-0223498: 5,765-21,392 (+)
virion structural protein (CDS_0022)
tail fiber protein (CDS_0021)
MTase_II_00074 Type (CDS_0016)
MGV-GENOME-0223512: 5,765-21,394 (+)
virion structural protein (CDS_0025)
tail fiber protein (CDS_0024)
MTase_II_00074 Type (CDS_0016)
MGV-GENOME-0227766: 5,765-21,619 (+)
virion structural protein (CDS_0024)
tail fiber protein (CDS_0023)
MTase_II_00074 Type (CDS_0016)
MGV-GENOME-0222283: 5,765-21,194 (+)
tail fiber protein (CDS_0022)
virion structural protein (CDS_0023)
MTase_II_00074 Type (CDS_0016)
MGV-GENOME-0216024: 5,765-20,093 (+)
virion structural protein (CDS_0026)
tail fiber protein (CDS_0025)
MTase_II_00074 Type (CDS_0016)
MGV-GENOME-0225403: 5,765-21,715 (+)
virion structural protein (CDS_0024)
tail fiber protein (CDS_0023)
MTase_II_00074 Type (CDS_0016)
MGV-GENOME-0222834: 5,765-21,291 (+)
virion structural protein (CDS_0027)
tail fiber protein (CDS_0026)
MTase_II_00074 Type (CDS_0016)
MGV-GENOME-0255957: 5,765-23,150 (+)
tail fiber protein (CDS_0023)
MTase_II_00074 Type (CDS_0016)
MGV-GENOME-0214239: 5,765-19,770 (+)
MTase_II_00074 Type (CDS_0016)
virion structural protein (CDS_0023)
tail fiber protein (CDS_0022)
MGV-GENOME-0230750: 5,765-22,268 (+)
tail fiber protein (CDS_0024)
uvig_55786: 6,655-23,590 (+)
tail fiber protein (CDS_0023)
MGV-GENOME-0235126: 6,655-20,705 (+)
MGV-GENOME-0191630: 6,296-15,770 (+)
10000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
moron, auxiliary metabolic gene and host takeover
other
tail
unknown function
defence (DefenseFinder)
defence (PADLOC)
virulence (VFDB)
AMR (AMRFinderPlus)
tRNA
tmRNA