major tail protein with Ig-like domain (CDS_0020)
tail assembly chaperone (CDS_0018)
tail assembly chaperone (CDS_0017)
tail length tape measure protein
tail assembly protein (CDS_0016)
tail assembly protein (CDS_0015)
tail protein (CDS_0019)
late transcriptional activator (CDS_0025)
unknown function (CDS_0030)
uvig_578427: 13,974-25,581 (+)
MGV-GENOME-0237483: 13,967-22,692 (+)
IMGVR_UViG_3300045988_171849|3300045988|Ga0495776_044961: 13,967-25,300 (+)
tail spike protein (CDS_0023)
DNA invertase (CDS_0024)
IMGVR_UViG_3300029154_000012|3300029154|Ga0120231_10005|333771-372802: 13,969-26,958 (+)
tail protein (CDS_0021)
SAMN00991546_a1_ct3591_vs1: 14,077-26,362 (+)
MGV-GENOME-0256073: 14,077-25,663 (+)
tail protein (CDS_0024)
DNA invertase (CDS_0025)
IMGVR_UViG_3300029139_000006|3300029139|Ga0120234_10002|199060-238356: 14,077-27,189 (+)
tail fiber protein (CDS_0024)
tail fiber protein (CDS_0021)
IMGVR_UViG_2860623524_000006|2860623524|2860623524|3206587-3245551: 13,970-26,901 (+)
major tail protein with Ig-like domain (CDS_0019)
MGV-GENOME-0256967: 13,743-24,880 (+)
IMGVR_UViG_2548876782_000007|2548876782|2548962282|2-36386: 13,710-23,167 (+)
anti-NARP (APIS138) (CDS_0022)
SAMN01779853_a1_ct1587_vs1: 13,743-29,106 (+)
MGV-GENOME-0266435: 13,743-26,546 (+)
IMGVR_UViG_2690316270_000002|2690316270|2690367909|217446-256382: 13,740-25,456 (+)
uvig_395263: 13,972-25,094 (+)
IMGVR_UViG_2879992451_000003|2879992451|2879992451|685750-723602: 13,962-25,277 (+)
IMGVR_UViG_2563367059_000016|2563367059|2563420329|1-37593: 13,819-24,079 (+)
HTH DNA binding protein (CDS_0021)
IMGVR_UViG_3300014676_000020|3300014676|Ga0121319_100014|15082-54876: 13,710-26,577 (+)
IMGVR_UViG_2841336743_000001|2841336743|2841336743|4002205-4040910: 14,047-25,562 (+)
IMGVR_UViG_2840691455_000003|2840691455|2840691455|2230908-2269967: 13,974-25,864 (+)
tail spike protein (CDS_0025)
structural protein (CDS_0027)
tail fiber protein (CDS_0026)
IMGVR_UViG_2901726420_000006|2901726420|2901726421|1-39736: 13,974-28,502 (+)
anaerobic ribonucleotide reductase small subunit (CDS_0023)
NrdD-like anaerobic ribonucleotide reductase large subunit (CDS_0024)
RelE-like toxin (CDS_0022)
tail fiber protein (CDS_0020)
IMGVR_UViG_3300011696_000031|3300011696|Ga0122203_100062|18453-59315: 13,745-28,554 (+)
uvig_578710: 13,745-24,986 (+)
transposase (CDS_0023)
IMGVR_UViG_3300014918_000027|3300014918|Ga0121503_100026|32843-71245: 13,969-26,421 (+)
late transcriptional activator (CDS_0024)
WYL_I_II_III_IV_V_VI_1 (CDS_0023)
SAMN01779864_a1_ct4840_vs1: 13,969-27,008 (+)
IMGVR_UViG_3300011164_000025|3300011164|Ga0122310_100090|12336-50993: 13,969-26,166 (+)
dCMP deaminase (CDS_0027)
uvig_314250: 13,969-33,024 (+)
COG2378 CAS-I,CAS-II,CAS-III,CAS-IV,CAS-V,CAS-VI; (CDS_0027)
RM_Type_IV__Type_IV_01 (CDS_0024)
SDIC4__SDIC4A (CDS_0030)
DNA repair protein (CDS_0038)
RM_Type_IV__FAM_1 (CDS_0023)
SDIC4__SDIC4A (CDS_0029)
IMGVR_UViG_2571042803_000002|2571042803|2571149978|32493-86790: 13,969-40,705 (+)
baseplate wedge subunit (CDS_0030)
DNA binding protein (CDS_0023)
tail fiber protein (CDS_0028)
structural protein (CDS_0029)
IMGVR_UViG_2841017058_000003|2841017058|2841017076: 13,959-33,683 (+)
T6SS-III (VF0784) (CDS_0026)
SCI-I T6SS (VF1120) (CDS_0032)
IMGVR_UViG_2874303940_000003|2874303940|2874303962|317318-365004: 13,943-35,781 (+)
T6SS-III (VF0784) (CDS_0024)
SCI-I T6SS (VF1120) (CDS_0030)
IMGVR_UViG_2906155497_000003|2906155497|2906155517|317318-361936: 13,943-32,713 (+)
tail protein (CDS_0019)
MGV-GENOME-0219850: 14,038-20,613 (+)
Nitrate reductase (VF0302) (CDS_0028)
Nitrate/nitrite transporter (VF0821) (CDS_0030)
Nitrate reductase (VF0302) (CDS_0029)
uvig_317746: 13,971-38,130 (+)
uvig_314767: 13,740-23,877 (+)
cold shock protein (CDS_0023)
IMGVR_UViG_2922225371_000003|2922225371|2922225371|2621445-2661784: 13,954-27,310 (+)
10000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
defence (DefenseFinder)
defence (PADLOC)
virulence (VFDB)
anti-defence (dbAPIS)