major head protein (CDS_0035)
head assembly (CDS_0034)
tail protein (CDS_0037)
CDS_0036
tail protein (CDS_0038)
internal virion protein (CDS_0039)
internal virion protein (CDS_0041)
endonuclease VII (CDS_0040)
internal virion protein (CDS_0042)
internal virion protein with endolysin domain (CDS_0043)
terminase small subunit (CDS_0046)
holin (CDS_0045)
tail fiber protein (CDS_0044)
AJ251805.1 23216:39083(+)
endonuclease VII (CDS_0037)
NC_025451.1 23569:38131(+)
tail fiber protein (CDS_0039)
endonuclease VII (CDS_0035)
KF700371.1 23115:38744(+)
CDS_0041 internal virion protein (CDS_0042)
tail fiber protein (CDS_0046)
Rz-like spanin (CDS_0049)
MGV-GENOME-0262495 25561:38892(+)
head protein (CDS_0036)
internal virion protein (CDS_0041)
CDS_0042
NC_048164.1 25039:32439(+)
internal virion protein with endolysin domain (CDS_0046)
internal virion protein with endolysin domain (CDS_0047)
endonuclease (CDS_0045)
tail fiber protein (CDS_0048)
HNH endonuclease (CDS_0051)
MGV-GENOME-0272747 25579:40815(+)
terminase large subunit (CDS_0001)
tail fiber protein (CDS_0043)
Ocr anti-BREX (APIS010) (CDS_0002)
NC_048163.1 26299:3836(+)
tail fiber protein (CDS_0042)
HNH endonuclease (CDS_0002)
NC_047923.1 26741:4176(+)
tail fiber protein (CDS_0045)
tail fiber assembly protein (CDS_0046)
uvig_395422 26295:3877(+)
tail fiber protein (CDS_0045)
NC_047895.1 27047:4002(+)
tail fiber protein (CDS_0045)
CDS_0046
uvig_557931 26842:3932(+)
tail fiber protein (CDS_0044)
CDS_0045
NC_048079.1 26669:3910(+)
tail fiber protein (CDS_0046)
MT350293.1 26804:4041(+)
internal virion protein (CDS_0043)
internal virion protein (CDS_0044)
tail fiber protein (CDS_0046)
CDS_0047
uvig_557579 26154:3855(+)
HOS17_gp01 anti-BREX (APIS091) (CDS_0002)
serine-threonine kinase (CDS_0004)
CDS_0003
tail fiber protein (CDS_0040)
JX421753.1 25650:5521(+)
tail fiber protein (CDS_0046)
NC_048014.1 26325:39905(+)
endonuclease VII (CDS_0042)
tail fiber protein (CDS_0046)
NC_048129.1 26618:40234(+)
tail fiber protein (CDS_0045)
NC_028688.1 26263:40113(+)
tail fiber protein (CDS_0046)
NC_048114.1 26307:40538(+)
tail fiber protein (CDS_0048)
NC_047782.1 26831:41333(+)
tail fiber protein (CDS_0046)
CDS_0049
NC_047780.1 26028:40603(+)
tail fiber protein (CDS_0042)
tail fiber assembly protein (CDS_0043)
NC_047843.1 25951:39063(+)
tail fiber protein (CDS_0043)
SAMN10080912_a1_ct20335_vs1 26507:38744(+)
tail fiber protein (CDS_0044)
CDS_0045
NC_048078.1 26351:39257(+)
tail fiber protein (CDS_0043)
CDS_0044
KM242061.1 25844:38808(+)
tail fiber protein (CDS_0041)
NC_048082.1 25582:38387(+)
tail protein (CDS_0045)
tail spike protein (CDS_0046)
NC_013647.1 25995:41117(+)
internal virion protein (CDS_0042)
CDS_0045
MGV-GENOME-0265351 26188:39381(+)
tail fiber protein (CDS_0047)
MGV-GENOME-0263483 27000:39055(+)
tail fiber protein (CDS_0044)
CDS_0043
tail fiber protein (CDS_0045)
NC_031114.1 26505:39226(+)
tail fiber protein (CDS_0043)
CDS_0044
CDS_0045
NC_048004.1 25904:38812(+)
CDS_0044
tail fiber protein (CDS_0045)
tail fiber protein (CDS_0046)
MGV-GENOME-0272220 25716:40714(+)
tail fiber protein (CDS_0043)
tail protein (CDS_0044)
SAMN10080901_a1_ct384 25637:40749(+)
tail protein (CDS_0044)
tail fiber protein (CDS_0045)
SAMN10080877_a1_ct138 25612:40425(+)
tail protein (CDS_0044)
CDS_0045
NC_048138.1 25486:40350(+)
tail fiber protein (CDS_0045)
tail spike protein (CDS_0046)
MGV-GENOME-0272845 25816:40828(+)
tail fiber protein (CDS_0050)
endonuclease (CDS_0048)
NC_048130.1 27084:41217(+)
tail protein (CDS_0048)
HNH endonuclease (CDS_0002)
CDS_0003
MGV-GENOME-0271102 26784:2575(+)
tail protein (CDS_0046)
CDS_0047
uvig_436642 26845:2575(+)
endonuclease VII (CDS_0041)
endonuclease (CDS_0044)
tail fiber protein (CDS_0046)
NC_047908.1 26512:2575(+)
tail protein (CDS_0049)
tail fiber protein (CDS_0050)
NC_047772.1 26872:2150(+)
internal virion protein with endolysin domain (CDS_0046)
tail fiber protein (CDS_0048)
MGV-GENOME-0269628 26919:2152(+)
tail fiber protein (CDS_0045)
NC_031258.1 26929:39687(+)
tail fiber protein (CDS_0041)
EU547803.1 26056:2157(+)
tail fiber protein (CDS_0044)
tail spike protein (CDS_0045)
MGV-GENOME-0272093 25935:2152(+)
tail protein (CDS_0044)
tail spike protein (CDS_0045)
NC_028800.1 26747:2556(+)
tail fiber protein (CDS_0044)
tail spike protein (CDS_0045)
EU734173.1 25970:2152(+)
tail protein (CDS_0043)
tail spike protein (CDS_0044)
MGV-GENOME-0270216 24828:2163(+)
tail protein (CDS_0046)
tail spike protein (CDS_0047)
MGV-GENOME-0276608 26023:2152(+)
tail protein (CDS_0043)
CDS_0044
MGV-GENOME-0271735 25688:2149(+)
tail fiber protein (CDS_0043)
CDS_0044
NC_047799.1 25082:2151(+)
tail protein (CDS_0046)
CDS_0047
uvig_338631 25452:2150(+)
tail protein (CDS_0046)
CDS_0047
MGV-GENOME-0271146 27122:2152(+)
tail protein (CDS_0044)
CDS_0045
MGV-GENOME-0272298 25820:2152(+)
tail fiber protein (CDS_0044)
tail fiber assembly protein (CDS_0045)
NC_048063.1 26270:2159(+)
tail fiber assembly protein (CDS_0040)
tail fiber protein (CDS_0039)
endonuclease VII (CDS_0043)
NC_011534.1 25980:2181(+)
tail fiber protein (CDS_0047)
MGV-GENOME-0276411 27263:2152(+)
tail fiber protein (CDS_0046)
NC_047970.1 26718:2182(+)
tail fiber protein (CDS_0044)
tail fiber protein (CDS_0045)
HM480846.1 25899:2152(+)
tail fiber protein (CDS_0042)
CDS_0043
NC_047971.1 25013:2152(+)
tail fiber protein (CDS_0044)
CDS_0045
MGV-GENOME-0274303 25967:2152(+)
tail fiber protein (CDS_0045)
CDS_0046
NC_047774.1 26638:2578(+)
tail fiber protein (CDS_0043)
CDS_0044
MGV-GENOME-0264970 26396:2578(+)
tail fiber protein (CDS_0045)
CDS_0046
KP090454.1 27291:2184(+)
tail fiber protein (CDS_0045)
tail protein (CDS_0046)
MGV-GENOME-0273145 25809:2152(+)
tail fiber protein (CDS_0043)
tail protein (CDS_0044)
NC_047771.1 26081:2152(+)
tail protein (CDS_0044)
CDS_0045
NC_047798.1 25903:2152(+)
tail fiber protein (CDS_0046)
tail protein (CDS_0047)
terminase large subunit (CDS_0001)
MGV-GENOME-0272248 26038:2152(+)
tail fiber protein (CDS_0046)
tail protein (CDS_0047)
terminase large subunit (CDS_0002)
MGV-GENOME-0271896 25968:2207(+)
tail protein (CDS_0046)
tail fiber protein (CDS_0047)
SAMN00792106_b1_ct73_vs02 26341:39677(+)
CDS_0041
tail protein (CDS_0046)
tail fiber protein (CDS_0047)
uvig_328834 26337:39674(+)
tail protein (CDS_0052)
tail fiber protein (CDS_0053)
uvig_223513 28273:42423(+)
tail fiber protein (CDS_0042)
tail fiber protein (CDS_0043)
MGV-GENOME-0268525 25304:39996(+)
tail protein (CDS_0041)
tail fiber protein (CDS_0042)
NC_048175.1 25837:40597(+)
tail protein (CDS_0049)
tail fiber protein (CDS_0050)
MGV-GENOME-0274160 26914:2152(+)
tail protein (CDS_0043)
tail fiber protein (CDS_0044)
MGV-GENOME-0266215 25786:2152(+)
tail protein (CDS_0043)
tail fiber protein (CDS_0044)
NC_047842.1 26559:2152(+)
tail protein (CDS_0044)
tail protein (CDS_0045)
MGV-GENOME-0265429 25636:2152(+)
tail protein (CDS_0045)
tail fiber protein (CDS_0046)
uvig_225801 26011:2207(+)
tail fiber protein (CDS_0044)
tail protein (CDS_0043)
CDS_0045
MGV-GENOME-0270879 25637:2150(+)
tail fiber protein (CDS_0044)
tail protein (CDS_0043)
CDS_0045
uvig_241807 25637:2150(+)
tail protein (CDS_0046)
CDS_0047
MGV-GENOME-0275239 26086:2152(+)
tail protein (CDS_0044)
CDS_0045
NC_048131.1 25834:41057(+)
tail protein (CDS_0047)
CDS_0048
terminase large subunit (CDS_0002)
Ma_2019_SRR341678_NODE_317_length_41243_cov_67.126032 26052:2207(+)
tail fiber protein (CDS_0048)
CDS_0049
uvig_282596 26980:2207(+)
tail protein (CDS_0046)
CDS_0047
NC_047761.1 25760:41308(+)
tail protein (CDS_0043)
terminase small subunit (CDS_0045)
NC_024379.1 26106:39091(+)
tail protein (CDS_0041)
NC_047829.1 25856:39691(+)
tail spike protein (CDS_0044)
SAMN10080901_a1_ct415 25869:39086(+)
CDS_0047
SAMN00792109_a1_ct16482 26889:40180(+)
tail fiber protein (CDS_0047)
NC_048025.1 27089:40385(+)
CDS_0041
tail fiber protein (CDS_0045)
HG813241.1 25542:38964(+)
tail fiber protein (CDS_0045)
CDS_0048
SAMN03418260_a1_ct40487 26055:40053(+)
tail fiber protein (CDS_0053)
NC_031943.1 27304:40469(+)
tail protein (CDS_0043)
HNH endonuclease (CDS_0047)
CDS_0002
MGV-GENOME-0264275 26021:2222(+)
tail protein (CDS_0043)
uvig_409277 24551:37315(+)
HNH endonuclease (CDS_0046)
tail protein (CDS_0048)
MT350292.1 27511:40710(+)
tail protein (CDS_0043)
AM084414.1 25642:2218(+)
CDS_0042
NC_047927.1 24814:38821(+)
internal virion protein with endolysin domain (CDS_0043)
tail protein (CDS_0044)
NC_047808.1 25245:39298(+)
tail protein (CDS_0046)
uvig_228586 26839:2220(+)
CDS_0044
uvig_331826 26091:2213(+)
tail fiber protein (CDS_0047)
NC_048071.1 26472:2216(+)
CDS_0048
MGV-GENOME-0268676 26541:2213(+)
CDS_0043
MGV-GENOME-0269006 26196:2223(+)
tail protein (CDS_0050)
NC_048023.1 26829:2219(+)
tail protein (CDS_0046)
HNH endonuclease (CDS_0050)
TemPhD_cluster_42390 26426:2213(+)
tail fiber protein (CDS_0047)
NC_031018.1 25974:2213(+)
tail fiber protein (CDS_0045)
CDS_0002
NC_031123.1 26144:2220(+)
endolysin (CDS_0045)
tail fiber protein (CDS_0047)
NC_048161.1 26270:2212(+)
tail protein (CDS_0044)
CDS_0048
MGV-GENOME-0264587 25917:2220(+)
tail protein (CDS_0042)
CDS_0043
CDS_0047
MGV-GENOME-0268257 26506:2228(+)
tail fiber protein (CDS_0047)
TemPhD_cluster_50246 25834:2219(+)
tail protein (CDS_0041)
internal virion protein (CDS_0043)
tail fiber protein (CDS_0047)
uvig_141149 25799:2212(+)
RNA-binding protein (CDS_0038)
tail fiber protein (CDS_0044)
TemPhD_cluster_42970 24533:2221(+)
tail protein (CDS_0046)
CDS_0047
ocr-like anti-restriction (CDS_0003)
CDS_0002
CDS_0004
MGV-GENOME-0270230 26591:4047(+)
tail protein (CDS_0046)
CDS_0047
MGV-GENOME-0264844 24864:2152(+)
internal virion protein with endolysin domain (CDS_0043)
internal virion protein with endolysin domain (CDS_0042)
endonuclease (CDS_0041)
tail protein (CDS_0044)
tail fiber protein (CDS_0045)
uvig_144888 25086:2152(+)
tail protein (CDS_0041)
tail protein (CDS_0042)
tail protein (CDS_0047)
tail fiber protein (CDS_0048)
uvig_234258 25411:2576(+)
tail protein (CDS_0048)
CDS_0049
uvig_526968 25446:38107(+)
7000 nt
DNA, RNA and nucleotide metabolism
head and packaging
lysis
moron, auxiliary metabolic gene and host takeover
other
tail
unknown function
Anti-defence