minor tail protein (CDS_0029)
head protein (CDS_0023)
endolysin (CDS_0026)
endolysin (CDS_0027)
transcriptional repressor (CDS_0035)
DNA polymerase processivity factor (CDS_0044)
IMGVR_UViG_2799113166_000001|2799113166|2799246562 21210:33173(+)
minor tail protein (CDS_0029)
IMGVR_UViG_2795385854_000001|2795385854|2795445797|1200648-1239289 21121:31455(+)
minor tail protein (CDS_0030)
IMGVR_UViG_2795385551_000004|2795385551|2795439074|504833-543913 21075:32220(+)
IMGVR_UViG_2795385744_000001|2795385744|2795443173|381251-420865 21134:32637(+)
CDS_0029
CDS_0030 CDS_0031
transcriptional repressor (CDS_0032)
IMGVR_UViG_2526164625_000004|2526164625|2526181280|44120-81776 21095:30265(+)
CDS_0029
CDS_0030
transcriptional repressor (CDS_0031)
IMGVR_UViG_2795385985_000004|2795385985|2795448760|73268-109443 21106:28785(+)
CDS_0030
CDS_0031
IMGVR_UViG_2802428898_000004|2802428898|2802435402|73270-109459 21086:29157(+)
transcriptional repressor (CDS_0033)
IMGVR_UViG_2799113075_000003|2799113075|2799244703|181999-220572 21198:31143(+)
minor tail protein (CDS_0022)
IMGVR_UViG_2802428952_000006|2802428952|2802436556|177-41251 19564:34566(+)
minor tail protein (CDS_0030)
CDS_0031
CDS_0033
CDS_0035
CDS_0037
CDS_0041
CDS_0032
CDS_0034
CDS_0036
CDS_0039
IMGVR_UViG_2799113108_000007|2799113108|2799245435|36779-76855 21942:33047(+)
CDS_0036
CDS_0035
CDS_0037
IMGVR_UViG_2799113070_000003|2799113070|2799244596|179204-218317 21942:32239(+)
transcriptional repressor (CDS_0033)
IMGVR_UViG_2795386013_000002|2795386013|2795449270|572928-610777 21041:31649(+)
transcriptional repressor (CDS_0038)
CDS_0030
CDS_0036
CDS_0032 CDS_0033
CDS_0034
CDS_0037
CDS_0039
IMGVR_UViG_2795385923_000002|2795385923|2795447349|69296-109864 23076:33180(+)
CDS_0037
CDS_0036
transcriptional repressor (CDS_0038)
TemPhD_cluster_42359 22957:33112(+)
CDS_0035
transcriptional repressor (CDS_0037)
CDS_0036
IMGVR_UViG_2795386012_000005|2795386012|2795449253|367949-408356 23037:33204(+)
CDS_0036
CDS_0035
CDS_0037
IMGVR_UViG_2548877036_000003|2548877036|2549040621|31764-72595 23001:33559(+)
CDS_0035
transcriptional repressor (CDS_0037)
CDS_0036
IMGVR_UViG_2802429017_000004|2802429017|2802438903|36582-76520 21901:32636(+)
CDS_0035
transcriptional repressor (CDS_0037)
CDS_0036
IMGVR_UViG_2799113079_000005|2799113079|2799244791|33218-73404 22969:32801(+)
CDS_0036
CDS_0035
transcriptional repressor (CDS_0037)
IMGVR_UViG_2799113241_000005|2799113241|2799248517|533069-573180 22969:32726(+)
CDS_0036
CDS_0035
transcriptional repressor (CDS_0037)
IMGVR_UViG_2795386029_000003|2795386029|2795449685|69507-109370 21901:32561(+)
CDS_0034
CDS_0035
IMGVR_UViG_2802429046_000005|2802429046|2802439393|324531-365098 21830:33356(+)
transcriptional repressor (CDS_0035)
IMGVR_UViG_2795385617_000003|2795385617|2795440336|36331-75848 21939:32243(+)
CDS_0032
transcriptional repressor (CDS_0036)
IMGVR_UViG_2802428877_000004|2802428877|2802434826|70201-110124 23055:32534(+)
transcriptional repressor (CDS_0035)
CDS_0036 CDS_0039
IMGVR_UViG_2795385584_000004|2795385584|2795439838|70027-109299 21814:32234(+)
transcriptional repressor (CDS_0042)
IMGVR_UViG_2671181062_000006|2671181062|2671312340|68385-114204 21814:38411(+)
transcriptional repressor (CDS_0040)
IMGVR_UViG_2690315977_000003|2690315977|2690324835|178557-224375 21813:38410(+)
transcriptional repressor (CDS_0040)
IMGVR_UViG_2667528027_000004|2667528027|2667603906|33674-79563 21813:38483(+)
endolysin (CDS_0028)
transcriptional repressor (CDS_0041)
IMGVR_UViG_2667528153_000004|2667528153|2667618472|262265-308080 21812:38408(+)
transcriptional repressor (CDS_0041)
IMGVR_UViG_2695420756_000002|2695420756|2695478343|940502-986394 21813:37340(+)
transcriptional repressor (CDS_0041)
IMGVR_UViG_2660238059_000002|2660238059|2660258211|703855-749744 21812:38482(+)
CDS_0034
transcriptional repressor (CDS_0036)
CDS_0035
IMGVR_UViG_2568526391_000001|2568526391|2568568211|51588-91703 21763:34042(+)
CDS_0035
CDS_0034
transcriptional repressor (CDS_0036)
IMGVR_UViG_2565956796_000007|2565956796|2565993467|1070835-1110873 21762:33965(+)
transcriptional repressor (CDS_0040)
IMGVR_UViG_2671181116_000001|2671181116|2671319322 21067:31398(+)
minor tail protein (CDS_0023)
IMGVR_UViG_2690315715_000001|2690315715|2690319256 19959:31459(+)
transcriptional repressor (CDS_0037)
CDS_0036
IMGVR_UViG_2627853872_000001|2627853872|2627895908|542490-582188 23138:32485(+)
CDS_0030
CDS_0031
CDS_0033
transcriptional repressor (CDS_0035)
IMGVR_UViG_2795385878_000002|2795385878|2795446313|69713-109274 22985:32687(+)
ESAT-6/CFP-10 (VF0310) (CDS_0033)
ESAT-6/CFP-10 (VF0310) (CDS_0032)
transcriptional repressor (CDS_0041)
IMGVR_UViG_2799113208_000004|2799113208|2799247413|1168846-1214305 22909:38069(+)
transcriptional repressor (CDS_0041)
IMGVR_UViG_2795385789_000010|2795385789|2795444577|178307-223973 22904:38275(+)
CDS_0036
CDS_0035
transcriptional repressor (CDS_0037)
TemPhD_cluster_32831 22909:32613(+)
transcriptional repressor (CDS_0040)
IMGVR_UViG_2802429124_000005|2802429124|2802441006|387892-432565 21742:38145(+)
transcriptional repressor (CDS_0039)
IMGVR_UViG_2795385646_000003|2795385646|2795440840|3-44576 21742:38045(+)
6000 nt
DNA, RNA and nucleotide metabolism
head and packaging
lysis
tail
transcription regulation
unknown function
Virulence