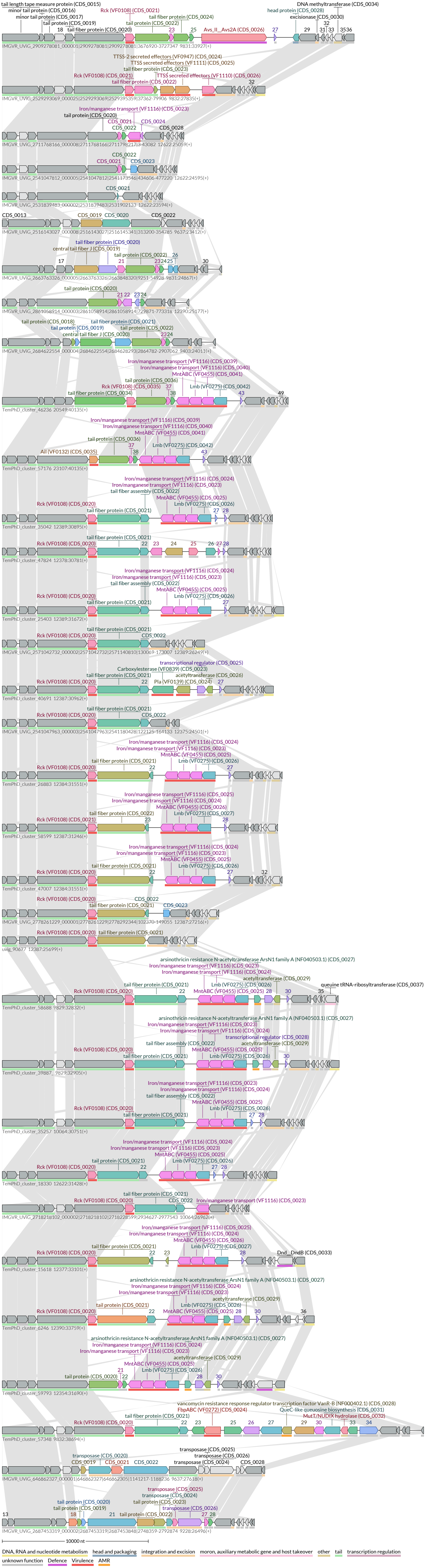
tail length tape measure protein (CDS_0015)
minor tail protein (CDS_0016)
minor tail protein (CDS_0017)
tail protein (CDS_0019)
tail fiber protein (CDS_0020)
Rck (VF0108) (CDS_0021)
tail protein (CDS_0022)
tail fiber protein (CDS_0024)
Avs_II__Avs2A (CDS_0026)
head protein (CDS_0028)
excisionase (CDS_0030)
DNA methyltransferase (CDS_0034)
IMGVR_UViG_2909278081_000001|2909278081|2909278081|3676920-3727347 9831:33927(+)
TTSS-2 secreted effectors (VF0947) (CDS_0024)
TTSS secreted effectors (VF1111) (CDS_0025)
tail fiber protein (CDS_0023)
Rck (VF0108) (CDS_0021)
TTSS secreted effectors (VF1110) (CDS_0026)
tail fiber protein (CDS_0022)
IMGVR_UViG_2529293069_000025|2529293069|2529395359|37362-79906 9832:27835(+)
Iron/manganese transport (VF1116) (CDS_0023)
tail protein (CDS_0020)
CDS_0021
CDS_0024
CDS_0022
CDS_0028
IMGVR_UViG_2711768166_000008|2711768166|2711798217|3-43082 12622:25059(+)
CDS_0022
CDS_0021
CDS_0023
IMGVR_UViG_2541047812_000005|2541047812|2541173546|434606-477220 12622:24595(+)
CDS_0021
IMGVR_UViG_2531839483_000002|2531839483|2531902133 12622:23594(+)
CDS_0013
CDS_0019
CDS_0020
CDS_0022
IMGVR_UViG_2516143027_000008|2516143027|2516145341|313200-354785 9637:23412(+)
tail fiber protein (CDS_0020)
central tail fiber J (CDS_0019)
tail protein (CDS_0022)
IMGVR_UViG_2663763326_000005|2663763326|2663848320|9251-54928 9831:24867(+)
tail protein (CDS_0020)
IMGVR_UViG_2861058914_000003|2861058914|2861058914|729871-773318 12390:25177(+)
tail protein (CDS_0018)
tail fiber protein (CDS_0021)
tail protein (CDS_0019)
tail protein (CDS_0022)
central tail fiber J (CDS_0020)
IMGVR_UViG_2684622554_000004|2684622554|2684628293|2864782-2907062 9403:24011(+)
Iron/manganese transport (VF1116) (CDS_0039)
Iron/manganese transport (VF1116) (CDS_0040)
MntABC (VF0455) (CDS_0041)
tail protein (CDS_0036)
Rck (VF0108) (CDS_0035)
Lmb (VF0275) (CDS_0042)
tail fiber protein (CDS_0034)
TemPhD_cluster_46236 20549:40135(+)
Iron/manganese transport (VF1116) (CDS_0039)
Iron/manganese transport (VF1116) (CDS_0040)
MntABC (VF0455) (CDS_0041)
tail protein (CDS_0036)
Lmb (VF0275) (CDS_0042)
Ail (VF0132) (CDS_0035)
TemPhD_cluster_57176 23107:40135(+)
Iron/manganese transport (VF1116) (CDS_0024)
Iron/manganese transport (VF1116) (CDS_0023)
tail fiber assembly (CDS_0022)
MntABC (VF0455) (CDS_0025)
Rck (VF0108) (CDS_0020)
Lmb (VF0275) (CDS_0026)
tail fiber protein (CDS_0021)
TemPhD_cluster_35042 12389:30895(+)
tail fiber protein (CDS_0021)
Rck (VF0108) (CDS_0020)
TemPhD_cluster_47824 12378:30781(+)
Iron/manganese transport (VF1116) (CDS_0024)
Iron/manganese transport (VF1116) (CDS_0023)
tail fiber assembly (CDS_0022)
MntABC (VF0455) (CDS_0025)
Rck (VF0108) (CDS_0020)
Lmb (VF0275) (CDS_0026)
tail fiber protein (CDS_0021)
TemPhD_cluster_25403 12389:31672(+)
tail fiber protein (CDS_0021)
Rck (VF0108) (CDS_0020)
CDS_0022
IMGVR_UViG_2571042732_000002|2571042732|2571140810|130069-173007 12389:26249(+)
transcriptional regulator (CDS_0025)
Carboxylesterase (VF0839) (CDS_0023)
tail fiber protein (CDS_0021)
acetyltransferase (CDS_0026)
Rck (VF0108) (CDS_0020)
Pla (VF0139) (CDS_0024)
TemPhD_cluster_40691 12387:30962(+)
tail fiber protein (CDS_0021)
Rck (VF0108) (CDS_0020)
CDS_0022
IMGVR_UViG_2541047963_000003|2541047963|2541180428|122125-164133 12375:24501(+)
Iron/manganese transport (VF1116) (CDS_0024)
Iron/manganese transport (VF1116) (CDS_0023)
MntABC (VF0455) (CDS_0025)
tail fiber protein (CDS_0021)
Lmb (VF0275) (CDS_0026)
Rck (VF0108) (CDS_0020)
TemPhD_cluster_26883 12384:31551(+)
Iron/manganese transport (VF1116) (CDS_0025)
Iron/manganese transport (VF1116) (CDS_0024)
MntABC (VF0455) (CDS_0026)
tail fiber protein (CDS_0022)
Lmb (VF0275) (CDS_0027)
Rck (VF0108) (CDS_0021)
TemPhD_cluster_58599 12387:31246(+)
Iron/manganese transport (VF1116) (CDS_0024)
Iron/manganese transport (VF1116) (CDS_0023)
MntABC (VF0455) (CDS_0025)
tail fiber protein (CDS_0021)
Lmb (VF0275) (CDS_0026)
Rck (VF0108) (CDS_0020)
TemPhD_cluster_47007 12384:31551(+)
Rck (VF0108) (CDS_0020)
CDS_0022
tail fiber protein (CDS_0021)
CDS_0023
IMGVR_UViG_2778261229_000001|2778261229|2778292344|102370-149055 12387:27216(+)
Rck (VF0108) (CDS_0020)
tail fiber protein (CDS_0021)
uvig_90677 12387:25699(+)
arsinothricin resistance N-acetyltransferase ArsN1 family A (NF040503.1) (CDS_0027)
Iron/manganese transport (VF1116) (CDS_0023)
Iron/manganese transport (VF1116) (CDS_0024)
acetyltransferase (CDS_0029)
tail fiber protein (CDS_0021)
Lmb (VF0275) (CDS_0026)
queuine tRNA-ribosyltransferase (CDS_0037)
Rck (VF0108) (CDS_0020)
MntABC (VF0455) (CDS_0025)
TemPhD_cluster_58688 9829:32832(+)
arsinothricin resistance N-acetyltransferase ArsN1 family A (NF040503.1) (CDS_0027)
Iron/manganese transport (VF1116) (CDS_0023)
Iron/manganese transport (VF1116) (CDS_0024)
transcriptional regulator (CDS_0028)
tail fiber assembly (CDS_0022)
acetyltransferase (CDS_0029)
Rck (VF0108) (CDS_0020)
MntABC (VF0455) (CDS_0025)
tail fiber protein (CDS_0021)
Lmb (VF0275) (CDS_0026)
TemPhD_cluster_39887_ 9829:32905(+)
Iron/manganese transport (VF1116) (CDS_0023)
Iron/manganese transport (VF1116) (CDS_0024)
tail fiber assembly (CDS_0022)
MntABC (VF0455) (CDS_0025)
Rck (VF0108) (CDS_0020)
Lmb (VF0275) (CDS_0026)
tail fiber protein (CDS_0021)
TemPhD_cluster_35257 10064:30751(+)
Iron/manganese transport (VF1116) (CDS_0024)
Iron/manganese transport (VF1116) (CDS_0023)
MntABC (VF0455) (CDS_0025)
tail protein (CDS_0021)
Lmb (VF0275) (CDS_0026)
Rck (VF0108) (CDS_0020)
TemPhD_cluster_18330 12622:31428(+)
tail fiber protein (CDS_0021)
Rck (VF0108) (CDS_0020)
CDS_0022
Iron/manganese transport (VF1116) (CDS_0023)
IMGVR_UViG_2718218102_000002|2718218102|2718228599|2934627-2977543 10064:26962(+)
Iron/manganese transport (VF1116) (CDS_0025)
Iron/manganese transport (VF1116) (CDS_0024)
MntABC (VF0455) (CDS_0026)
tail fiber protein (CDS_0021)
Lmb (VF0275) (CDS_0027)
Rck (VF0108) (CDS_0020)
Dnd__DndB (CDS_0033)
TemPhD_cluster_15618 12377:33101(+)
arsinothricin resistance N-acetyltransferase ArsN1 family A (NF040503.1) (CDS_0027)
Iron/manganese transport (VF1116) (CDS_0024)
Iron/manganese transport (VF1116) (CDS_0023)
acetyltransferase (CDS_0029)
tail protein (CDS_0021)
Lmb (VF0275) (CDS_0026)
Rck (VF0108) (CDS_0020)
MntABC (VF0455) (CDS_0025)
TemPhD_cluster_6246 12390:33759(+)
arsinothricin resistance N-acetyltransferase ArsN1 family A (NF040503.1) (CDS_0027)
Iron/manganese transport (VF1116) (CDS_0024)
Iron/manganese transport (VF1116) (CDS_0023)
acetyltransferase (CDS_0029)
MntABC (VF0455) (CDS_0025)
Lmb (VF0275) (CDS_0026)
tail protein (CDS_0020)
TemPhD_cluster_59793 12354:31690(+)
vancomycin resistance response regulator transcription factor VanR-B (NF000402.1) (CDS_0028)
FbpABC (VF0272) (CDS_0024)
QueC-like queuosine biosynthesis (CDS_0031)
MutT/NUDIX hydrolase (CDS_0032)
tail fiber protein (CDS_0021)
Rck (VF0108) (CDS_0020)
TemPhD_cluster_57348 9832:38694(+)
transposase (CDS_0025)
transposase (CDS_0020)
transposase (CDS_0026)
CDS_0019
CDS_0021
CDS_0022
transposase (CDS_0024)
CDS_0028
IMGVR_UViG_646862327_000001|646862327|646862305|1141217-1188236 9637:27618(+)
transposase (CDS_0025)
transposase (CDS_0024)
tail protein (CDS_0020)
tail protein (CDS_0023)
tail protein (CDS_0019)
transposase (CDS_0026)
tail protein (CDS_0022)
IMGVR_UViG_2687453319_000002|2687453319|2687453848|2748359-2792874 9228:26496(+)
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
Virulence
AMR