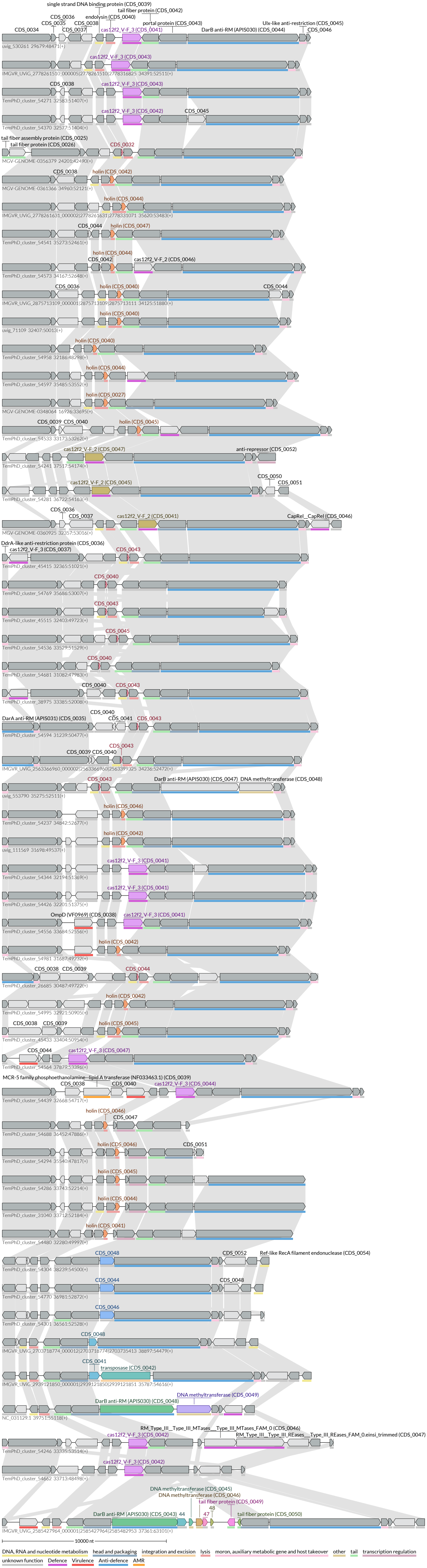
single strand DNA binding protein (CDS_0039)
tail fiber protein (CDS_0042)
CDS_0036
endolysin (CDS_0040)
CDS_0035
CDS_0038
portal protein (CDS_0043)
Ulx-like anti-restriction (CDS_0045)
CDS_0034
CDS_0037
cas12f2_V-F_3 (CDS_0041)
DarB anti-RM (APIS030) (CDS_0044)
CDS_0046
uvig_530261 29679:48471(+)
cas12f2_V-F_3 (CDS_0043)
IMGVR_UViG_2778261510_000005|2778261510|2778316825 34391:52511(+)
CDS_0038
cas12f2_V-F_3 (CDS_0043)
TemPhD_cluster_54271 32583:51407(+)
cas12f2_V-F_3 (CDS_0042)
CDS_0045
TemPhD_cluster_54370 32577:51404(+)
tail fiber assembly protein (CDS_0025)
tail fiber protein (CDS_0026)
CDS_0032
MGV-GENOME-0356379 24201:42490(+)
CDS_0038
holin (CDS_0042)
MGV-GENOME-0361366 34960:52121(+)
holin (CDS_0044)
IMGVR_UViG_2778261631_000002|2778261631|2778331071 35620:53483(+)
CDS_0044
holin (CDS_0047)
TemPhD_cluster_54541 35273:52461(+)
holin (CDS_0044)
CDS_0042
cas12f2_V-F_2 (CDS_0046)
TemPhD_cluster_54573 34167:52648(+)
CDS_0036
holin (CDS_0040)
CDS_0044
IMGVR_UViG_2875713109_000001|2875713109|2875713111 34125:51880(+)
holin (CDS_0040)
uvig_71109 32407:50013(+)
holin (CDS_0040)
TemPhD_cluster_54958 32186:48298(+)
holin (CDS_0044)
TemPhD_cluster_54597 35485:53552(+)
holin (CDS_0027)
MGV-GENOME-0348064 16926:33695(+)
CDS_0039 CDS_0040
holin (CDS_0045)
TemPhD_cluster_54533 33173:53262(+)
cas12f2_V-F_2 (CDS_0047)
anti-repressor (CDS_0052)
TemPhD_cluster_54241 37517:54174(+)
CDS_0050
cas12f2_V-F_2 (CDS_0045)
CDS_0051
TemPhD_cluster_54281 36722:54163(+)
CDS_0036
CDS_0037
cas12f2_V-F_2 (CDS_0041)
CapRel__CapRel (CDS_0046)
MGV-GENOME-0360925 32357:53016(+)
DdrA-like anti-restriction protein (CDS_0036)
cas12f2_V-F_3 (CDS_0037)
CDS_0043
TemPhD_cluster_45415 32365:51021(+)
CDS_0040
TemPhD_cluster_54769 35686:53007(+)
CDS_0043
TemPhD_cluster_45515 32403:49723(+)
CDS_0045
TemPhD_cluster_54536 33529:51529(+)
CDS_0040
TemPhD_cluster_54681 31082:47983(+)
CDS_0040
CDS_0043
TemPhD_cluster_38975 33385:52008(+)
CDS_0040
DarA anti-RM (APIS031) (CDS_0035)
CDS_0041
CDS_0043
TemPhD_cluster_54594 31239:50477(+)
CDS_0043
CDS_0039 CDS_0040
IMGVR_UViG_2563366960_000002|2563366960|2563399325 34236:52472(+)
CDS_0043
DarB anti-RM (APIS030) (CDS_0047)
DNA methyltransferase (CDS_0048)
uvig_553790 35275:52511(+)
holin (CDS_0046)
TemPhD_cluster_54237 34842:52677(+)
holin (CDS_0042)
uvig_111569 31698:49537(+)
cas12f2_V-F_3 (CDS_0041)
TemPhD_cluster_54344 32194:51369(+)
cas12f2_V-F_3 (CDS_0041)
TemPhD_cluster_54426 32201:51375(+)
OmpD (VF0969) (CDS_0038)
cas12f2_V-F_3 (CDS_0041)
TemPhD_cluster_54556 33684:52556(+)
holin (CDS_0042)
TemPhD_cluster_54981 31687:49232(+)
CDS_0038 CDS_0039
CDS_0044
TemPhD_cluster_26685 30487:49722(+)
holin (CDS_0042)
TemPhD_cluster_54995 32921:50905(+)
CDS_0038 CDS_0039
holin (CDS_0045)
TemPhD_cluster_45433 33404:50954(+)
CDS_0044
cas12f2_V-F_3 (CDS_0047)
TemPhD_cluster_54564 37879:53396(+)
MCR-5 family phosphoethanolamine--lipid A transferase (NF033463.1) (CDS_0039)
CDS_0038
CDS_0040
cas12f2_V-F_3 (CDS_0044)
TemPhD_cluster_54439 32668:54717(+)
holin (CDS_0046)
CDS_0047
TemPhD_cluster_54688 36452:47886(+)
holin (CDS_0046)
CDS_0051
TemPhD_cluster_54294 35540:47817(+)
holin (CDS_0045)
TemPhD_cluster_54286 33743:52214(+)
holin (CDS_0044)
TemPhD_cluster_31040 33712:52184(+)
holin (CDS_0041)
TemPhD_cluster_54480 32280:49997(+)
CDS_0048
CDS_0052
Ref-like RecA filament endonuclease (CDS_0054)
TemPhD_cluster_54304 38239:54500(+)
CDS_0044
CDS_0048
TemPhD_cluster_54770 36981:52872(+)
CDS_0046
TemPhD_cluster_54301 36561:52528(+)
CDS_0048
IMGVR_UViG_2703718774_000012|2703718774|2703735413 38897:54479(+)
CDS_0041
transposase (CDS_0042)
IMGVR_UViG_2939121850_000001|2939121850|2939121851 35787:54616(+)
DNA methyltransferase (CDS_0049)
DarB anti-RM (APIS030) (CDS_0048)
NC_031129.1 39751:55118(+)
RM_Type_III__Type_III_MTases__Type_III_MTases_FAM_0 (CDS_0046)
cas12f2_V-F_3 (CDS_0042)
RM_Type_III__Type_III_REases__Type_III_REases_FAM_0.einsi_trimmed (CDS_0047)
TemPhD_cluster_54246 33335:53514(+)
cas12f2_V-F_3 (CDS_0042)
TemPhD_cluster_54662 33713:48498(+)
DNA methyltransferase (CDS_0045)
DNA methyltransferase (CDS_0046)
tail fiber protein (CDS_0049)
48
DarB anti-RM (APIS030) (CDS_0043)
44
47
tail fiber protein (CDS_0050)
IMGVR_UViG_2585427964_000001|2585427964|2585482953 37361:63101(+)
10000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence
Virulence
Anti-defence
AMR