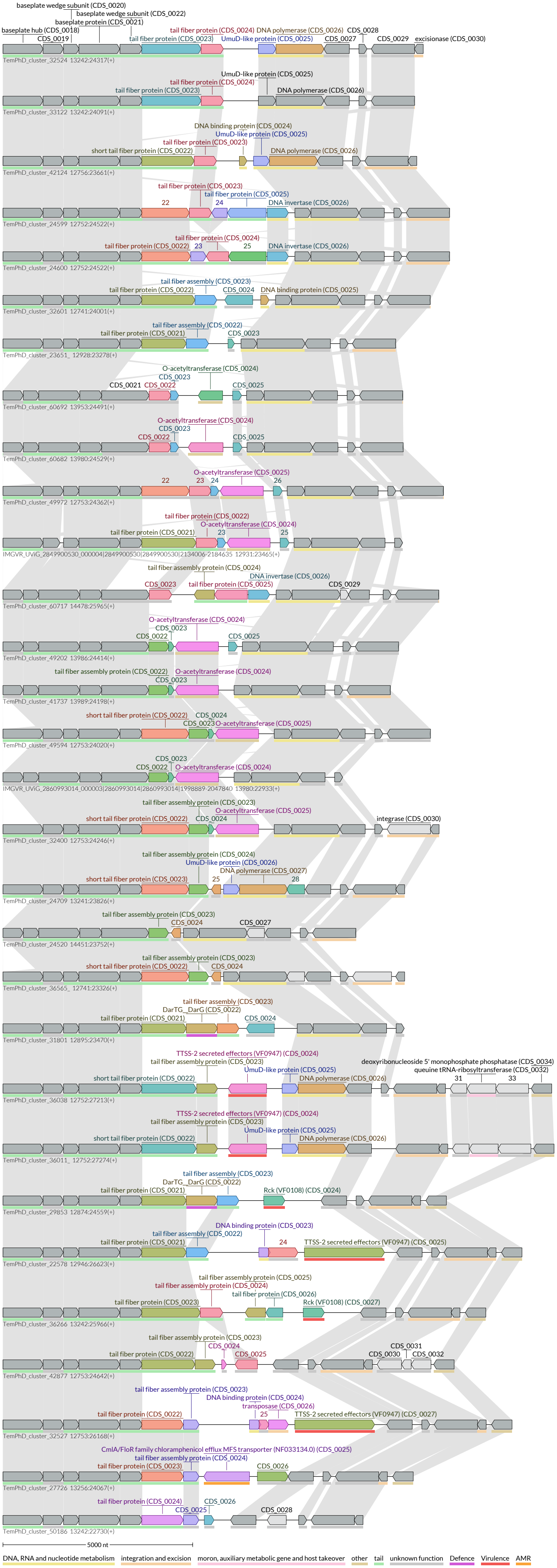
baseplate wedge subunit (CDS_0020)
baseplate wedge subunit (CDS_0022)
baseplate protein (CDS_0021)
baseplate hub (CDS_0018)
CDS_0019
tail fiber protein (CDS_0024)
DNA polymerase (CDS_0026)
CDS_0028
tail fiber protein (CDS_0023)
UmuD-like protein (CDS_0025)
CDS_0027
CDS_0029
excisionase (CDS_0030)
TemPhD_cluster_32524 13242:24317(+)
UmuD-like protein (CDS_0025)
tail fiber protein (CDS_0024)
tail fiber protein (CDS_0023)
DNA polymerase (CDS_0026)
TemPhD_cluster_33122 13242:24091(+)
DNA binding protein (CDS_0024)
UmuD-like protein (CDS_0025)
tail fiber protein (CDS_0023)
short tail fiber protein (CDS_0022)
DNA polymerase (CDS_0026)
TemPhD_cluster_42124 12756:23661(+)
tail fiber protein (CDS_0023)
tail fiber protein (CDS_0025)
22
24
DNA invertase (CDS_0026)
TemPhD_cluster_24599 12752:24522(+)
tail fiber protein (CDS_0024)
tail fiber protein (CDS_0022)
23
25
DNA invertase (CDS_0026)
TemPhD_cluster_24600 12752:24522(+)
tail fiber assembly (CDS_0023)
tail fiber protein (CDS_0022)
CDS_0024
DNA binding protein (CDS_0025)
TemPhD_cluster_32601 12741:24001(+)
tail fiber assembly (CDS_0022)
tail fiber protein (CDS_0021)
CDS_0023
TemPhD_cluster_23651_ 12928:23278(+)
O-acetyltransferase (CDS_0024)
CDS_0023
CDS_0021
CDS_0022
CDS_0025
TemPhD_cluster_60692 13953:24491(+)
O-acetyltransferase (CDS_0024)
CDS_0023
CDS_0022
CDS_0025
TemPhD_cluster_60682 13980:24529(+)
O-acetyltransferase (CDS_0025)
22
23
24
26
TemPhD_cluster_49972 12753:24362(+)
tail fiber protein (CDS_0022)
O-acetyltransferase (CDS_0024)
tail fiber protein (CDS_0021)
23
25
IMGVR_UViG_2849900530_000004|2849900530|2849900530|2134006-2184635 12931:23465(+)
tail fiber assembly protein (CDS_0024)
DNA invertase (CDS_0026)
CDS_0023
tail fiber protein (CDS_0025)
CDS_0029
TemPhD_cluster_60717 14478:25965(+)
O-acetyltransferase (CDS_0024)
CDS_0023
CDS_0022
CDS_0025
TemPhD_cluster_49202 13986:24414(+)
tail fiber assembly protein (CDS_0022)
O-acetyltransferase (CDS_0024)
CDS_0023
TemPhD_cluster_41737 13989:24198(+)
short tail fiber protein (CDS_0022)
CDS_0024
CDS_0023
O-acetyltransferase (CDS_0025)
TemPhD_cluster_49594 12753:24020(+)
CDS_0023
CDS_0022
O-acetyltransferase (CDS_0024)
IMGVR_UViG_2860993014_000003|2860993014|2860993014|1998889-2047840 13980:22933(+)
tail fiber assembly protein (CDS_0023)
O-acetyltransferase (CDS_0025)
short tail fiber protein (CDS_0022)
CDS_0024
integrase (CDS_0030)
TemPhD_cluster_32400 12753:24246(+)
tail fiber assembly protein (CDS_0024)
UmuD-like protein (CDS_0026)
DNA polymerase (CDS_0027)
short tail fiber protein (CDS_0023)
25
28
TemPhD_cluster_24709 13241:23826(+)
tail fiber assembly protein (CDS_0023)
CDS_0024
CDS_0027
TemPhD_cluster_24520 14451:23752(+)
tail fiber assembly protein (CDS_0023)
short tail fiber protein (CDS_0022)
CDS_0024
TemPhD_cluster_36565_ 12741:23326(+)
tail fiber assembly (CDS_0023)
DarTG__DarG (CDS_0022)
tail fiber protein (CDS_0021)
CDS_0024
TemPhD_cluster_31801 12895:23470(+)
TTSS-2 secreted effectors (VF0947) (CDS_0024)
tail fiber assembly protein (CDS_0023)
deoxyribonucleoside 5' monophosphate phosphatase (CDS_0034)
UmuD-like protein (CDS_0025)
queuine tRNA-ribosyltransferase (CDS_0032)
short tail fiber protein (CDS_0022)
DNA polymerase (CDS_0026)
31
33
TemPhD_cluster_36038 12752:27213(+)
TTSS-2 secreted effectors (VF0947) (CDS_0024)
tail fiber assembly protein (CDS_0023)
UmuD-like protein (CDS_0025)
short tail fiber protein (CDS_0022)
DNA polymerase (CDS_0026)
TemPhD_cluster_36011_ 12752:27274(+)
tail fiber assembly (CDS_0023)
DarTG__DarG (CDS_0022)
tail fiber protein (CDS_0021)
Rck (VF0108) (CDS_0024)
TemPhD_cluster_29853 12874:24559(+)
DNA binding protein (CDS_0023)
tail fiber assembly (CDS_0022)
tail fiber protein (CDS_0021)
24
TTSS-2 secreted effectors (VF0947) (CDS_0025)
TemPhD_cluster_22578 12946:26623(+)
tail fiber assembly protein (CDS_0025)
tail fiber assembly protein (CDS_0024)
tail fiber protein (CDS_0026)
tail fiber protein (CDS_0023)
Rck (VF0108) (CDS_0027)
TemPhD_cluster_36266 13242:25966(+)
tail fiber assembly protein (CDS_0023)
CDS_0024
CDS_0031
tail fiber protein (CDS_0022)
CDS_0025
CDS_0030
CDS_0032
TemPhD_cluster_42877 12753:24642(+)
tail fiber assembly protein (CDS_0023)
DNA binding protein (CDS_0024)
transposase (CDS_0026)
tail fiber protein (CDS_0022)
25
TTSS-2 secreted effectors (VF0947) (CDS_0027)
TemPhD_cluster_32527 12753:26168(+)
CmlA/FloR family chloramphenicol efflux MFS transporter (NF033134.0) (CDS_0025)
tail fiber assembly protein (CDS_0024)
tail fiber protein (CDS_0023)
CDS_0026
TemPhD_cluster_27726 13256:24067(+)
tail fiber protein (CDS_0024)
CDS_0026
CDS_0025
CDS_0028
TemPhD_cluster_50186 13242:22730(+)
5000 nt
DNA, RNA and nucleotide metabolism
integration and excision
moron, auxiliary metabolic gene and host takeover
other
tail
unknown function
Defence
Virulence
AMR