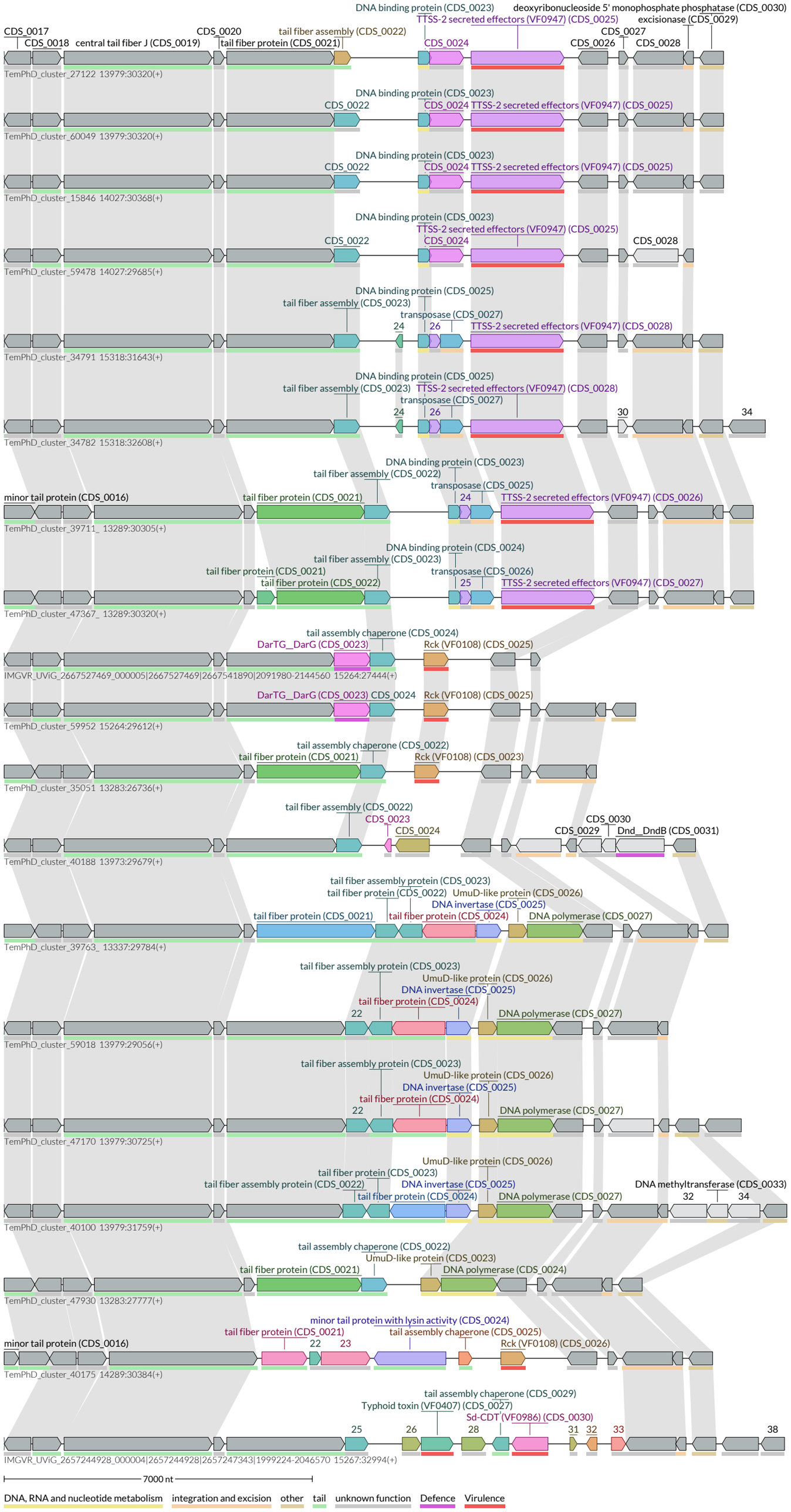
DNA binding protein (CDS_0023)
deoxyribonucleoside 5' monophosphate phosphatase (CDS_0030)
TTSS-2 secreted effectors (VF0947) (CDS_0025)
excisionase (CDS_0029)
CDS_0017
CDS_0018
central tail fiber J (CDS_0019)
CDS_0020
tail fiber protein (CDS_0021)
tail fiber assembly (CDS_0022)
CDS_0024
CDS_0026
CDS_0027
CDS_0028
TemPhD_cluster_27122 13979:30320(+)
DNA binding protein (CDS_0023)
CDS_0022
CDS_0024
TTSS-2 secreted effectors (VF0947) (CDS_0025)
TemPhD_cluster_60049 13979:30320(+)
DNA binding protein (CDS_0023)
CDS_0022
CDS_0024
TTSS-2 secreted effectors (VF0947) (CDS_0025)
TemPhD_cluster_15846 14027:30368(+)
DNA binding protein (CDS_0023)
TTSS-2 secreted effectors (VF0947) (CDS_0025)
CDS_0022
CDS_0024
CDS_0028
TemPhD_cluster_59478 14027:29685(+)
DNA binding protein (CDS_0025)
tail fiber assembly (CDS_0023)
transposase (CDS_0027)
24
26
TTSS-2 secreted effectors (VF0947) (CDS_0028)
TemPhD_cluster_34791 15318:31643(+)
DNA binding protein (CDS_0025)
tail fiber assembly (CDS_0023)
TTSS-2 secreted effectors (VF0947) (CDS_0028)
transposase (CDS_0027)
24
26
30
34
TemPhD_cluster_34782 15318:32608(+)
DNA binding protein (CDS_0023)
tail fiber assembly (CDS_0022)
transposase (CDS_0025)
minor tail protein (CDS_0016)
tail fiber protein (CDS_0021)
24
TTSS-2 secreted effectors (VF0947) (CDS_0026)
TemPhD_cluster_39711_ 13289:30305(+)
DNA binding protein (CDS_0024)
tail fiber assembly (CDS_0023)
tail fiber protein (CDS_0021)
transposase (CDS_0026)
tail fiber protein (CDS_0022)
25
TTSS-2 secreted effectors (VF0947) (CDS_0027)
TemPhD_cluster_47367_ 13289:30320(+)
tail assembly chaperone (CDS_0024)
DarTG__DarG (CDS_0023)
Rck (VF0108) (CDS_0025)
IMGVR_UViG_2667527469_000005|2667527469|2667541890|2091980-2144560 15264:27444(+)
DarTG__DarG (CDS_0023)
CDS_0024
Rck (VF0108) (CDS_0025)
TemPhD_cluster_59952 15264:29612(+)
tail assembly chaperone (CDS_0022)
tail fiber protein (CDS_0021)
Rck (VF0108) (CDS_0023)
TemPhD_cluster_35051 13283:26736(+)
tail fiber assembly (CDS_0022)
CDS_0023
CDS_0024
CDS_0030
CDS_0029
Dnd__DndB (CDS_0031)
TemPhD_cluster_40188 13973:29679(+)
tail fiber assembly protein (CDS_0023)
tail fiber protein (CDS_0022)
UmuD-like protein (CDS_0026)
DNA invertase (CDS_0025)
tail fiber protein (CDS_0021)
tail fiber protein (CDS_0024)
DNA polymerase (CDS_0027)
TemPhD_cluster_39763_ 13337:29784(+)
tail fiber assembly protein (CDS_0023)
UmuD-like protein (CDS_0026)
DNA invertase (CDS_0025)
tail fiber protein (CDS_0024)
22
DNA polymerase (CDS_0027)
TemPhD_cluster_59018 13979:29056(+)
tail fiber assembly protein (CDS_0023)
UmuD-like protein (CDS_0026)
DNA invertase (CDS_0025)
tail fiber protein (CDS_0024)
22
DNA polymerase (CDS_0027)
TemPhD_cluster_47170 13979:30725(+)
UmuD-like protein (CDS_0026)
tail fiber protein (CDS_0023)
tail fiber assembly protein (CDS_0022)
DNA invertase (CDS_0025)
DNA methyltransferase (CDS_0033)
tail fiber protein (CDS_0024)
DNA polymerase (CDS_0027)
32
34
TemPhD_cluster_40100 13979:31759(+)
tail assembly chaperone (CDS_0022)
UmuD-like protein (CDS_0023)
tail fiber protein (CDS_0021)
DNA polymerase (CDS_0024)
TemPhD_cluster_47930 13283:27777(+)
minor tail protein with lysin activity (CDS_0024)
tail fiber protein (CDS_0021)
tail assembly chaperone (CDS_0025)
minor tail protein (CDS_0016)
22
23
Rck (VF0108) (CDS_0026)
TemPhD_cluster_40175 14289:30384(+)
tail assembly chaperone (CDS_0029)
Typhoid toxin (VF0407) (CDS_0027)
Sd-CDT (VF0986) (CDS_0030)
25
26
28
31
32
33
38
IMGVR_UViG_2657244928_000004|2657244928|2657247343|1999224-2046570 15267:32994(+)
7000 nt
DNA, RNA and nucleotide metabolism
integration and excision
other
tail
unknown function
Defence
Virulence