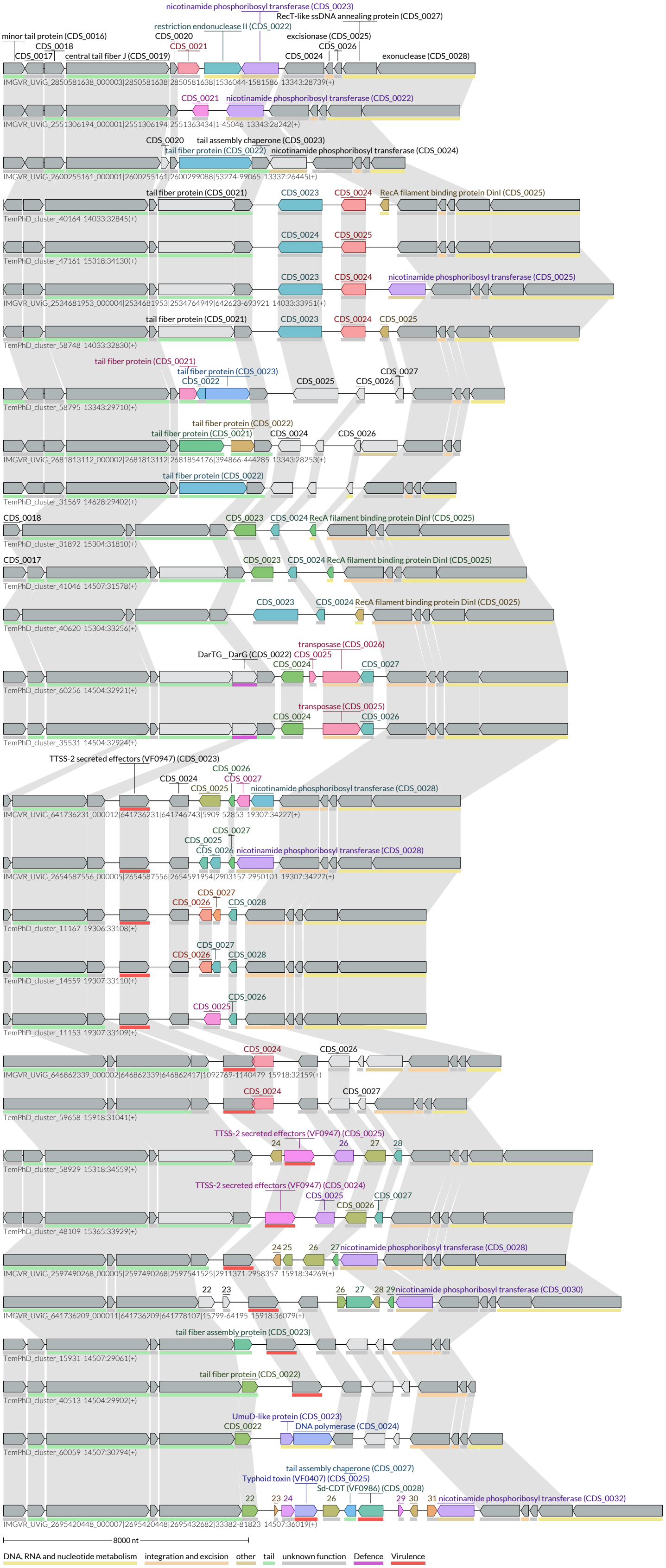
nicotinamide phosphoribosyl transferase (CDS_0023)
RecT-like ssDNA annealing protein (CDS_0027)
restriction endonuclease II (CDS_0022)
minor tail protein (CDS_0016)
CDS_0020
excisionase (CDS_0025)
CDS_0018
CDS_0021
CDS_0026
CDS_0017
central tail fiber J (CDS_0019)
CDS_0024
exonuclease (CDS_0028)
IMGVR_UViG_2850581638_000003|2850581638|2850581638|1536044-1581586 13343:28739(+)
CDS_0021
nicotinamide phosphoribosyl transferase (CDS_0022)
IMGVR_UViG_2551306194_000001|2551306194|2551363434|1-45046 13343:28242(+)
CDS_0020
tail assembly chaperone (CDS_0023)
tail fiber protein (CDS_0022)
nicotinamide phosphoribosyl transferase (CDS_0024)
IMGVR_UViG_2600255161_000001|2600255161|2600299088|53274-99065 13337:26445(+)
tail fiber protein (CDS_0021)
CDS_0023
CDS_0024
RecA filament binding protein DinI (CDS_0025)
TemPhD_cluster_40164 14033:32845(+)
CDS_0024
CDS_0025
TemPhD_cluster_47161 15318:34130(+)
CDS_0023
CDS_0024
nicotinamide phosphoribosyl transferase (CDS_0025)
IMGVR_UViG_2534681953_000004|2534681953|2534764949|642623-693921 14033:33951(+)
tail fiber protein (CDS_0021)
CDS_0023
CDS_0024
CDS_0025
TemPhD_cluster_58748 14033:32830(+)
tail fiber protein (CDS_0021)
tail fiber protein (CDS_0023)
CDS_0022
CDS_0025
CDS_0027
CDS_0026
TemPhD_cluster_58795 13343:29710(+)
tail fiber protein (CDS_0022)
tail fiber protein (CDS_0021)
CDS_0024
CDS_0026
IMGVR_UViG_2681813112_000002|2681813112|2681854176|394866-444285 13343:28253(+)
tail fiber protein (CDS_0022)
TemPhD_cluster_31569 14628:29402(+)
CDS_0018
CDS_0023
CDS_0024
RecA filament binding protein DinI (CDS_0025)
TemPhD_cluster_31892 15304:31810(+)
CDS_0017
CDS_0023
CDS_0024
RecA filament binding protein DinI (CDS_0025)
TemPhD_cluster_41046 14507:31578(+)
CDS_0023
CDS_0024
RecA filament binding protein DinI (CDS_0025)
TemPhD_cluster_40620 15304:33256(+)
transposase (CDS_0026)
DarTG__DarG (CDS_0022)
CDS_0025
CDS_0024
CDS_0027
TemPhD_cluster_60256 14504:32921(+)
transposase (CDS_0025)
CDS_0024
CDS_0026
TemPhD_cluster_35531 14504:32924(+)
TTSS-2 secreted effectors (VF0947) (CDS_0023)
CDS_0026
CDS_0024
CDS_0027
CDS_0025
nicotinamide phosphoribosyl transferase (CDS_0028)
IMGVR_UViG_641736231_000012|641736231|641746743|5909-52853 19307:34227(+)
CDS_0027
CDS_0025
CDS_0026
nicotinamide phosphoribosyl transferase (CDS_0028)
IMGVR_UViG_2654587556_000005|2654587556|2654591954|2903157-2950101 19307:34227(+)
CDS_0027
CDS_0026
CDS_0028
TemPhD_cluster_11167 19306:33108(+)
CDS_0027
CDS_0026
CDS_0028
TemPhD_cluster_14559 19307:33110(+)
CDS_0026
CDS_0025
TemPhD_cluster_11153 19307:33109(+)
CDS_0024
CDS_0026
IMGVR_UViG_646862339_000002|646862339|646862417|1092769-1140479 15918:32159(+)
CDS_0024
CDS_0027
TemPhD_cluster_59658 15918:31041(+)
TTSS-2 secreted effectors (VF0947) (CDS_0025)
24
26
27
28
TemPhD_cluster_58929 15318:34559(+)
TTSS-2 secreted effectors (VF0947) (CDS_0024)
CDS_0025
CDS_0027
CDS_0026
TemPhD_cluster_48109 15365:33929(+)
24 25
26
27 nicotinamide phosphoribosyl transferase (CDS_0028)
IMGVR_UViG_2597490268_000005|2597490268|2597541525|2911371-2958357 15918:34269(+)
22
23
26
27
28
29 nicotinamide phosphoribosyl transferase (CDS_0030)
IMGVR_UViG_641736209_000011|641736209|641778107|15799-64195 15918:36079(+)
tail fiber assembly protein (CDS_0023)
TemPhD_cluster_15931 14507:29061(+)
tail fiber protein (CDS_0022)
TemPhD_cluster_40513 14504:29902(+)
UmuD-like protein (CDS_0023)
CDS_0022
DNA polymerase (CDS_0024)
TemPhD_cluster_60059 14507:30794(+)
tail assembly chaperone (CDS_0027)
Typhoid toxin (VF0407) (CDS_0025)
Sd-CDT (VF0986) (CDS_0028)
22
23 24
26
29
30
31 nicotinamide phosphoribosyl transferase (CDS_0032)
IMGVR_UViG_2695420448_000007|2695420448|2695432682|33382-81823 14507:36019(+)
8000 nt
DNA, RNA and nucleotide metabolism
integration and excision
other
tail
unknown function
Defence
Virulence