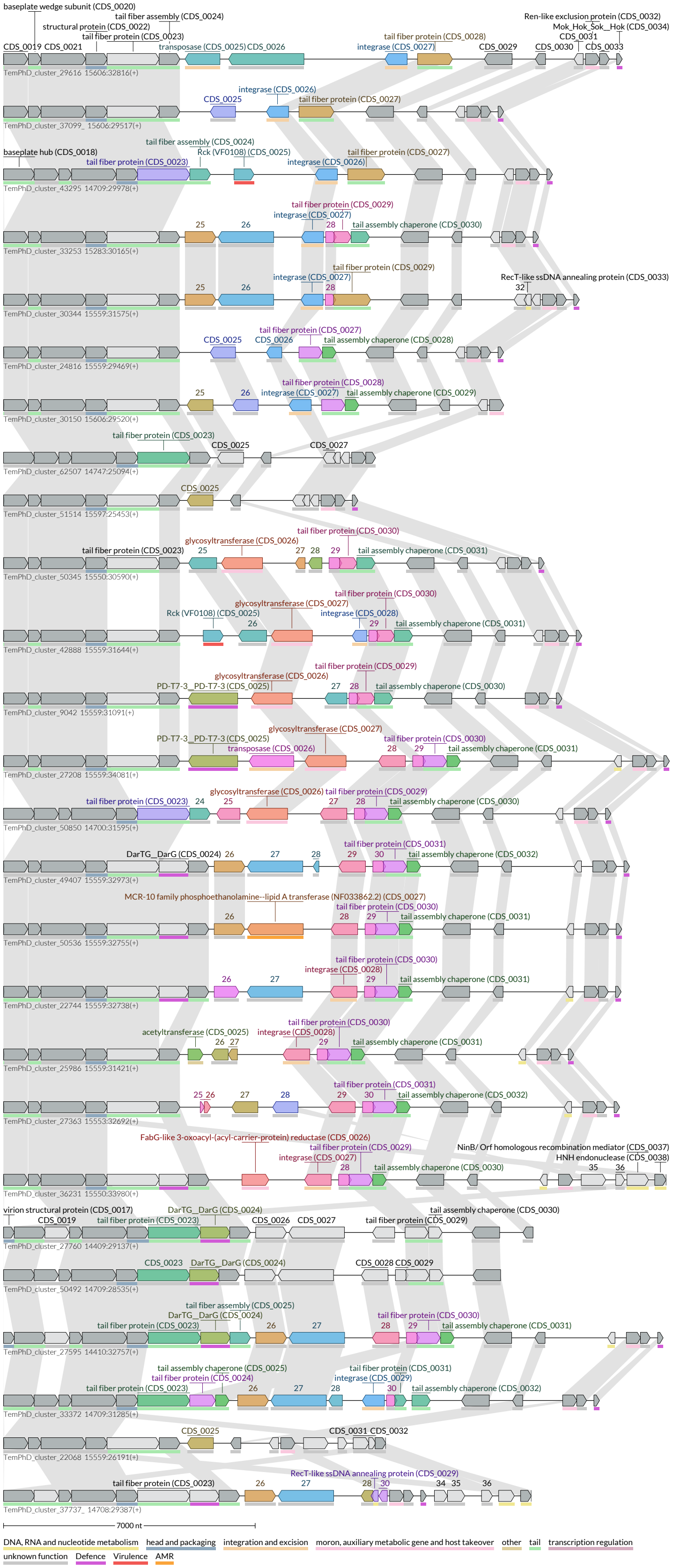
baseplate wedge subunit (CDS_0020)
tail fiber assembly (CDS_0024)
structural protein (CDS_0022)
tail fiber protein (CDS_0023)
CDS_0019 CDS_0021
transposase (CDS_0025) CDS_0026
tail fiber protein (CDS_0028)
integrase (CDS_0027)
CDS_0029
Ren-like exclusion protein (CDS_0032)
Mok_Hok_Sok__Hok (CDS_0034)
CDS_0031
CDS_0030 CDS_0033
TemPhD_cluster_29616 15606:32816(+)
integrase (CDS_0026)
CDS_0025
tail fiber protein (CDS_0027)
TemPhD_cluster_37099_ 15606:29517(+)
tail fiber assembly (CDS_0024)
baseplate hub (CDS_0018)
Rck (VF0108) (CDS_0025)
tail fiber protein (CDS_0027)
tail fiber protein (CDS_0023)
integrase (CDS_0026)
TemPhD_cluster_43295 14709:29978(+)
tail fiber protein (CDS_0029)
integrase (CDS_0027)
25
26
28
tail assembly chaperone (CDS_0030)
TemPhD_cluster_33253 15283:30165(+)
tail fiber protein (CDS_0029)
integrase (CDS_0027)
RecT-like ssDNA annealing protein (CDS_0033)
25
26
28
32
TemPhD_cluster_30344 15559:31575(+)
tail fiber protein (CDS_0027)
CDS_0025
CDS_0026
tail assembly chaperone (CDS_0028)
TemPhD_cluster_24816 15559:29469(+)
tail fiber protein (CDS_0028)
25
26
integrase (CDS_0027)
tail assembly chaperone (CDS_0029)
TemPhD_cluster_30150 15606:29520(+)
tail fiber protein (CDS_0023)
CDS_0025
CDS_0027
TemPhD_cluster_62507 14747:25094(+)
CDS_0025
TemPhD_cluster_51514 15597:25453(+)
tail fiber protein (CDS_0030)
glycosyltransferase (CDS_0026)
tail fiber protein (CDS_0023)
25
27
28
29
tail assembly chaperone (CDS_0031)
TemPhD_cluster_50345 15550:30590(+)
tail fiber protein (CDS_0030)
glycosyltransferase (CDS_0027)
Rck (VF0108) (CDS_0025)
integrase (CDS_0028)
26
29
tail assembly chaperone (CDS_0031)
TemPhD_cluster_42888 15559:31644(+)
tail fiber protein (CDS_0029)
glycosyltransferase (CDS_0026)
PD-T7-3__PD-T7-3 (CDS_0025)
27
28
tail assembly chaperone (CDS_0030)
TemPhD_cluster_9042 15559:31091(+)
glycosyltransferase (CDS_0027)
PD-T7-3__PD-T7-3 (CDS_0025)
tail fiber protein (CDS_0030)
transposase (CDS_0026)
28
29
tail assembly chaperone (CDS_0031)
TemPhD_cluster_27208 15559:34081(+)
glycosyltransferase (CDS_0026)
tail fiber protein (CDS_0029)
tail fiber protein (CDS_0023)
24
25
27
28
tail assembly chaperone (CDS_0030)
TemPhD_cluster_50850 14700:31595(+)
tail fiber protein (CDS_0031)
DarTG__DarG (CDS_0024)
26
27
28
29
30
tail assembly chaperone (CDS_0032)
TemPhD_cluster_49407 15559:32973(+)
MCR-10 family phosphoethanolamine--lipid A transferase (NF033862.2) (CDS_0027)
tail fiber protein (CDS_0030)
26
28
29
tail assembly chaperone (CDS_0031)
TemPhD_cluster_50536 15559:32755(+)
tail fiber protein (CDS_0030)
integrase (CDS_0028)
26
27
29
tail assembly chaperone (CDS_0031)
TemPhD_cluster_22744 15559:32738(+)
tail fiber protein (CDS_0030)
acetyltransferase (CDS_0025)
integrase (CDS_0028)
26
27
29
tail assembly chaperone (CDS_0031)
TemPhD_cluster_25986 15559:31421(+)
tail fiber protein (CDS_0031)
25
26
27
28
29
30
tail assembly chaperone (CDS_0032)
TemPhD_cluster_27363 15553:32692(+)
FabG-like 3-oxoacyl-(acyl-carrier-protein) reductase (CDS_0026)
tail fiber protein (CDS_0029)
integrase (CDS_0027)
NinB/ Orf homologous recombination mediator (CDS_0037)
HNH endonuclease (CDS_0038)
28
tail assembly chaperone (CDS_0030)
35
36
TemPhD_cluster_36231 15550:33980(+)
virion structural protein (CDS_0017)
DarTG__DarG (CDS_0024)
tail assembly chaperone (CDS_0030)
CDS_0019
tail fiber protein (CDS_0023)
CDS_0026
CDS_0027
tail fiber protein (CDS_0029)
TemPhD_cluster_27760 14409:29137(+)
CDS_0023
DarTG__DarG (CDS_0024)
CDS_0028 CDS_0029
TemPhD_cluster_50492 14709:28535(+)
tail fiber assembly (CDS_0025)
DarTG__DarG (CDS_0024)
tail fiber protein (CDS_0030)
tail fiber protein (CDS_0023)
26
27
28
29
tail assembly chaperone (CDS_0031)
TemPhD_cluster_27595 14410:32757(+)
tail assembly chaperone (CDS_0025)
tail fiber protein (CDS_0031)
tail fiber protein (CDS_0024)
integrase (CDS_0029)
tail fiber protein (CDS_0023)
26
27
28
30
tail assembly chaperone (CDS_0032)
TemPhD_cluster_33372 14709:31285(+)
CDS_0025
CDS_0031 CDS_0032
TemPhD_cluster_22068 15559:26191(+)
RecT-like ssDNA annealing protein (CDS_0029)
tail fiber protein (CDS_0023)
26
27
28
30
34
35
36
TemPhD_cluster_37737_ 14708:29387(+)
7000 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