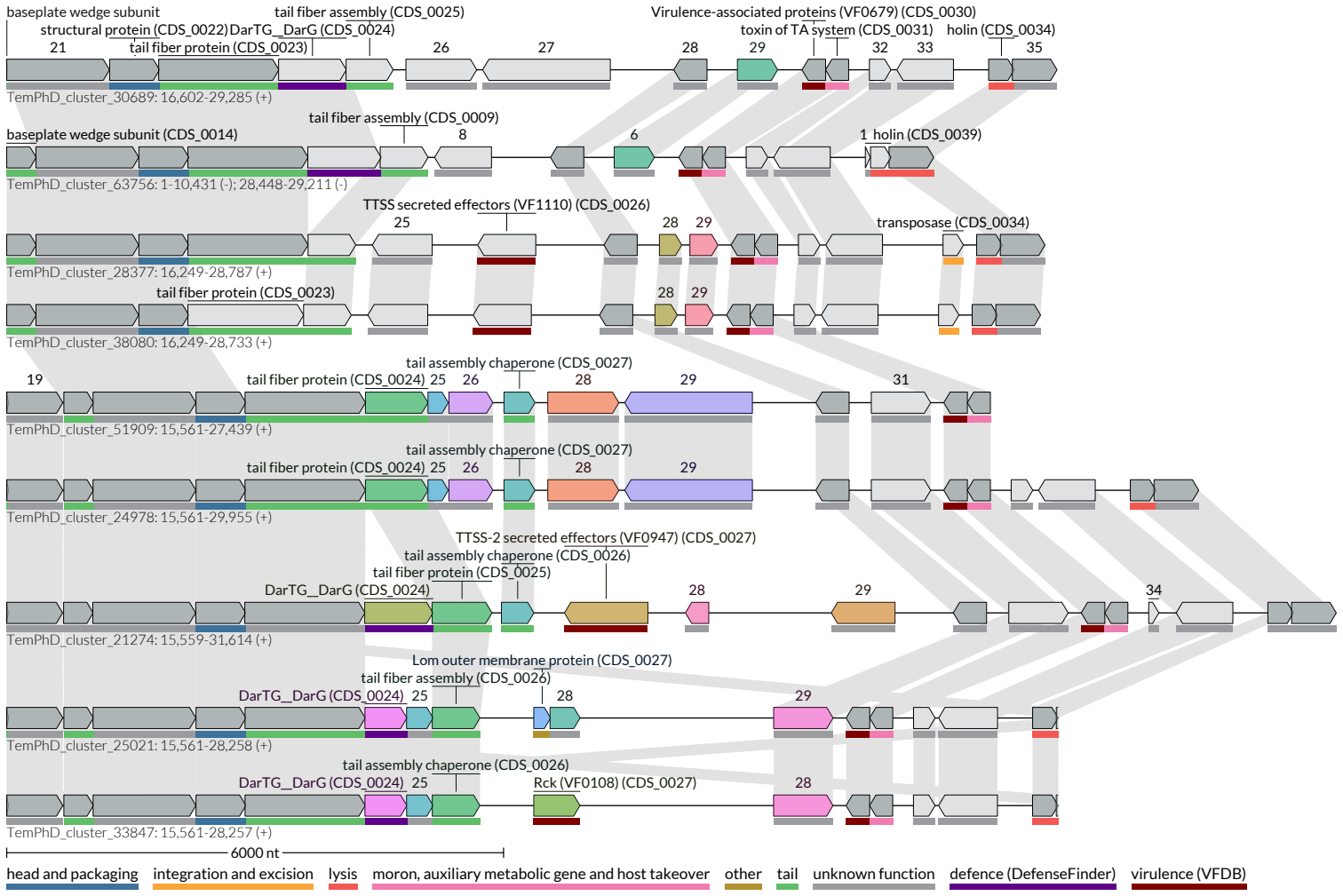
baseplate wedge subunit
structural protein (CDS_0022)
tail fiber assembly (CDS_0025)
DarTG_DarG (CDS_0024)
tail fiber protein (CDS_0023)
Virulence-associated proteins (VF0679) (CDS_0030)
toxin of TA system (CDS_0031)
holin (CDS_0034)
21
26
27
28
29
32
33
35
TemPhD_cluster_30689: 16,602-29,285 (+)
tail fiber assembly (CDS_0009)
baseplate wedge subunit (CDS_0014)
8
6
1
holin (CDS_0039)
TemPhD_cluster_63756: 1-10,431 (-); 28,448-29,211 (-)
TTSS secreted effectors (VF1110) (CDS_0026)
25
28
29
transposase (CDS_0034)
TemPhD_cluster_28377: 16,249-28,787 (+)
tail fiber protein (CDS_0023)
28
29
TemPhD_cluster_38080: 16,249-28,733 (+)
tail assembly chaperone (CDS_0027)
19
tail fiber protein (CDS_0024)
25
26
28
29
31
TemPhD_cluster_51909: 15,561-27,439 (+)
tail assembly chaperone (CDS_0027)
tail fiber protein (CDS_0024)
25
26
28
29
TemPhD_cluster_24978: 15,561-29,955 (+)
TTSS-2 secreted effectors (VF0947) (CDS_0027)
tail assembly chaperone (CDS_0026)
tail fiber protein (CDS_0025)
DarTG_DarG (CDS_0024)
28
29
34
TemPhD_cluster_21274: 15,559-31,614 (+)
Lom outer membrane protein (CDS_0027)
tail fiber assembly (CDS_0026)
DarTG_DarG (CDS_0024)
25
28
29
TemPhD_cluster_25021: 15,561-28,258 (+)
tail assembly chaperone (CDS_0026)
DarTG_DarG (CDS_0024)
25
Rck (VF0108) (CDS_0027)
28
TemPhD_cluster_33847: 15,561-28,257 (+)
6000 nt
head and packaging
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
tail
unknown function
defence (DefenseFinder)
virulence (VFDB)