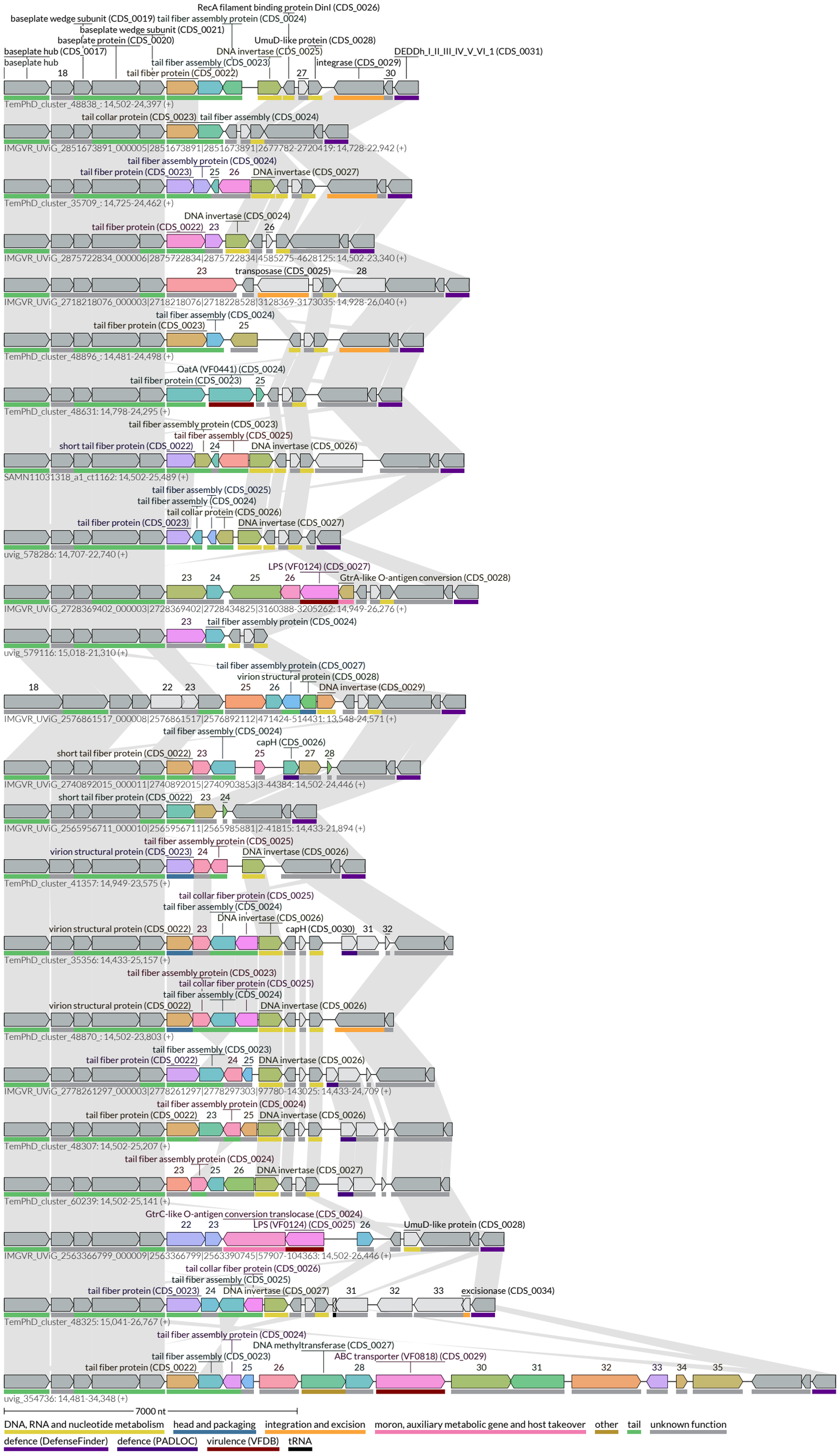
RecA filament binding protein DinI (CDS_0026)
baseplate wedge subunit (CDS_0019)
tail fiber assembly protein (CDS_0024)
baseplate wedge subunit (CDS_0021)
baseplate protein (CDS_0020)
UmuD-like protein (CDS_0028)
baseplate hub (CDS_0017)
DNA invertase (CDS_0025)
DEDDh_I_II_III_IV_V_VI_1 (CDS_0031)
baseplate hub
tail fiber assembly (CDS_0023)
integrase (CDS_0029)
18
tail fiber protein (CDS_0022)
27
30
TemPhD_cluster_48838_: 14,502-24,397 (+)
tail collar protein (CDS_0023)
tail fiber assembly (CDS_0024)
IMGVR_UViG_2851673891_000005|2851673891|2851673891|2677782-2720419: 14,728-22,942 (+)
tail fiber assembly protein (CDS_0024)
tail fiber protein (CDS_0023)
25
26
DNA invertase (CDS_0027)
TemPhD_cluster_35709_: 14,725-24,462 (+)
DNA invertase (CDS_0024)
tail fiber protein (CDS_0022)
23
26
IMGVR_UViG_2875722834_000006|2875722834|2875722834|4585275-4628125: 14,502-23,340 (+)
23
transposase (CDS_0025)
28
IMGVR_UViG_2718218076_000003|2718218076|2718228528|3128369-3173035: 14,928-26,040 (+)
tail fiber assembly (CDS_0024)
tail fiber protein (CDS_0023)
25
TemPhD_cluster_48896_: 14,481-24,498 (+)
OatA (VF0441) (CDS_0024)
tail fiber protein (CDS_0023)
25
TemPhD_cluster_48631: 14,798-24,295 (+)
tail fiber assembly protein (CDS_0023)
tail fiber assembly (CDS_0025)
short tail fiber protein (CDS_0022)
24
DNA invertase (CDS_0026)
SAMN11031318_a1_ct1162: 14,502-25,489 (+)
tail fiber assembly (CDS_0025)
tail fiber assembly (CDS_0024)
tail collar protein (CDS_0026)
tail fiber protein (CDS_0023)
DNA invertase (CDS_0027)
uvig_578286: 14,707-22,740 (+)
LPS (VF0124) (CDS_0027)
23
24
25
26
GtrA-like O-antigen conversion (CDS_0028)
IMGVR_UViG_2728369402_000003|2728369402|2728434825|3160388-3205262: 14,949-26,276 (+)
23
tail fiber assembly protein (CDS_0024)
uvig_579116: 15,018-21,310 (+)
tail fiber assembly protein (CDS_0027)
virion structural protein (CDS_0028)
18
22
23
25
26
DNA invertase (CDS_0029)
IMGVR_UViG_2576861517_000008|2576861517|2576892112|471424-514431: 13,548-24,571 (+)
tail fiber assembly (CDS_0024)
capH (CDS_0026)
short tail fiber protein (CDS_0022)
23
25
27
28
IMGVR_UViG_2740892015_000011|2740892015|2740903853|3-44384: 14,502-24,446 (+)
short tail fiber protein (CDS_0022)
23
24
IMGVR_UViG_2565956711_000010|2565956711|2565985881|2-41815: 14,433-21,894 (+)
tail fiber assembly protein (CDS_0025)
virion structural protein (CDS_0023)
24
DNA invertase (CDS_0026)
TemPhD_cluster_41357: 14,949-23,575 (+)
tail collar fiber protein (CDS_0025)
tail fiber assembly (CDS_0024)
DNA invertase (CDS_0026)
virion structural protein (CDS_0022)
23
capH (CDS_0030)
31
32
TemPhD_cluster_35356: 14,433-25,157 (+)
tail fiber assembly protein (CDS_0023)
tail collar fiber protein (CDS_0025)
tail fiber assembly (CDS_0024)
virion structural protein (CDS_0022)
DNA invertase (CDS_0026)
TemPhD_cluster_48870_: 14,502-23,803 (+)
tail fiber assembly (CDS_0023)
tail fiber protein (CDS_0022)
24
25
DNA invertase (CDS_0026)
IMGVR_UViG_2778261297_000003|2778261297|2778297303|97780-143025: 14,433-24,709 (+)
tail fiber assembly protein (CDS_0024)
tail fiber protein (CDS_0022)
23
25
DNA invertase (CDS_0026)
TemPhD_cluster_48307: 14,502-25,207 (+)
tail fiber assembly protein (CDS_0024)
23
25
26
DNA invertase (CDS_0027)
TemPhD_cluster_60239: 14,502-25,141 (+)
GtrC-like O-antigen conversion translocase (CDS_0024)
22
23
LPS (VF0124) (CDS_0025)
26
UmuD-like protein (CDS_0028)
IMGVR_UViG_2563366799_000009|2563366799|2563390745|57907-104363: 14,502-26,446 (+)
tail collar fiber protein (CDS_0026)
tail fiber assembly (CDS_0025)
tail fiber protein (CDS_0023)
24
DNA invertase (CDS_0027)
31
32
33
excisionase (CDS_0034)
TemPhD_cluster_48325: 15,041-26,767 (+)
tail fiber assembly protein (CDS_0024)
DNA methyltransferase (CDS_0027)
tail fiber assembly (CDS_0023)
ABC transporter (VF0818) (CDS_0029)
tail fiber protein (CDS_0022)
25
26
28
30
31
32
33
34
35
uvig_354736: 14,481-34,348 (+)
7000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
moron, auxiliary metabolic gene and host takeover
other
tail
unknown function
defence (DefenseFinder)
defence (PADLOC)
virulence (VFDB)
tRNA