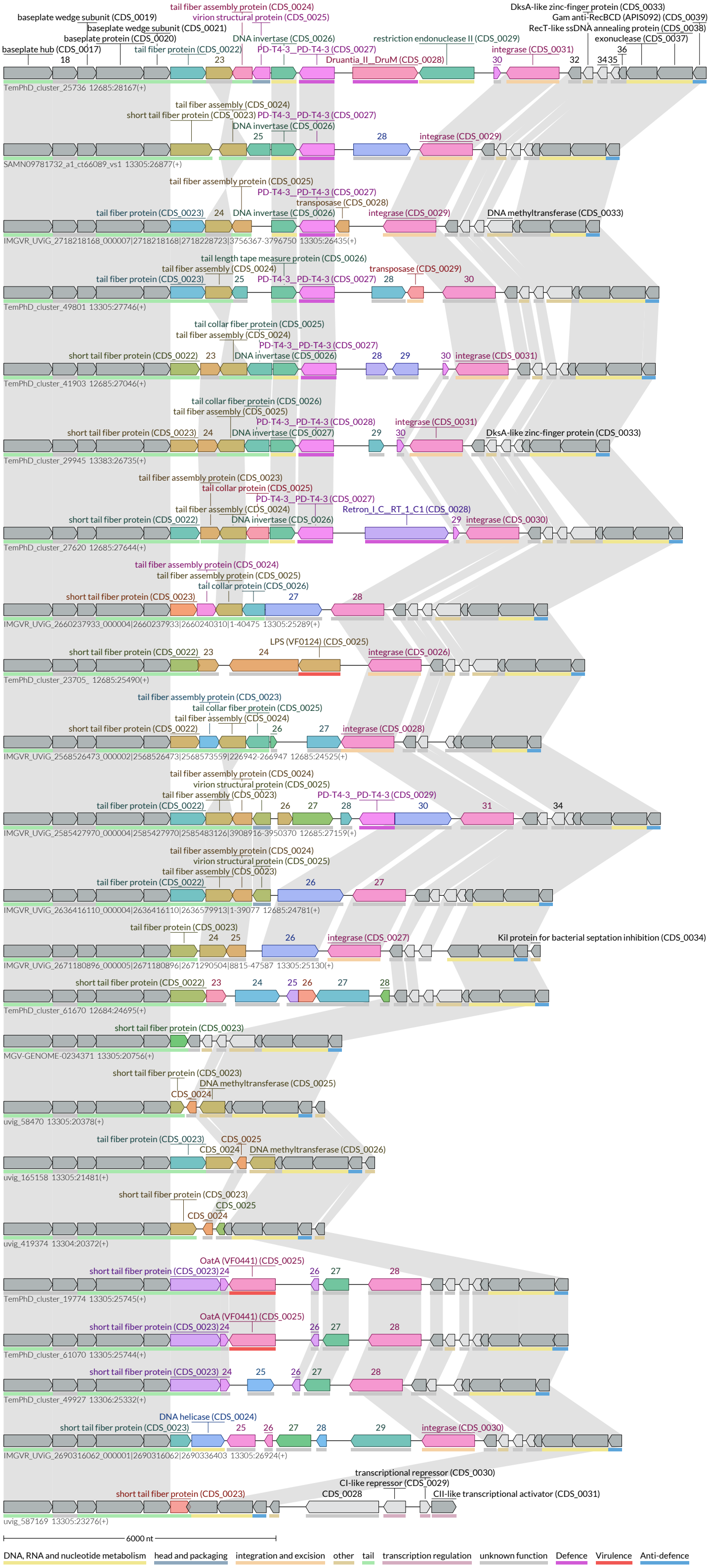
tail fiber assembly protein (CDS_0024)
virion structural protein (CDS_0025)
baseplate wedge subunit (CDS_0019)
baseplate wedge subunit (CDS_0021)
baseplate protein (CDS_0020)
baseplate hub (CDS_0017)
tail fiber protein (CDS_0022)
DNA invertase (CDS_0026)
PD-T4-3__PD-T4-3 (CDS_0027)
Druantia_II__DruM (CDS_0028)
restriction endonuclease II (CDS_0029)
integrase (CDS_0031)
DksA-like zinc-finger protein (CDS_0033)
Gam anti-RecBCD (APIS092) (CDS_0039)
RecT-like ssDNA annealing protein (CDS_0038)
exonuclease (CDS_0037)
18
23
30
32
34
35
36
TemPhD_cluster_25736 12685:28167(+)
tail fiber assembly (CDS_0024)
short tail fiber protein (CDS_0023)
PD-T4-3__PD-T4-3 (CDS_0027)
DNA invertase (CDS_0026)
25
28
integrase (CDS_0029)
SAMN09781732_a1_ct66089_vs1 13305:26877(+)
tail fiber assembly protein (CDS_0025)
PD-T4-3__PD-T4-3 (CDS_0027)
transposase (CDS_0028)
tail fiber protein (CDS_0023)
24
DNA invertase (CDS_0026)
integrase (CDS_0029)
DNA methyltransferase (CDS_0033)
IMGVR_UViG_2718218168_000007|2718218168|2718228723|3756367-3796750 13305:26435(+)
tail length tape measure protein (CDS_0026)
tail fiber assembly (CDS_0024)
transposase (CDS_0029)
tail fiber protein (CDS_0023)
25
PD-T4-3__PD-T4-3 (CDS_0027)
28
30
TemPhD_cluster_49801 13305:27746(+)
tail collar fiber protein (CDS_0025)
tail fiber assembly (CDS_0024)
PD-T4-3__PD-T4-3 (CDS_0027)
short tail fiber protein (CDS_0022)
23
DNA invertase (CDS_0026)
28
29
30
integrase (CDS_0031)
TemPhD_cluster_41903 12685:27046(+)
tail collar fiber protein (CDS_0026)
tail fiber assembly (CDS_0025)
PD-T4-3__PD-T4-3 (CDS_0028)
integrase (CDS_0031)
short tail fiber protein (CDS_0023)
24
DNA invertase (CDS_0027)
29
30
DksA-like zinc-finger protein (CDS_0033)
TemPhD_cluster_29945 13383:26735(+)
tail fiber assembly protein (CDS_0023)
tail collar protein (CDS_0025)
PD-T4-3__PD-T4-3 (CDS_0027)
tail fiber assembly (CDS_0024)
Retron_I_C__RT_1_C1 (CDS_0028)
short tail fiber protein (CDS_0022)
DNA invertase (CDS_0026)
29
integrase (CDS_0030)
TemPhD_cluster_27620 12685:27644(+)
tail fiber assembly protein (CDS_0024)
tail fiber assembly protein (CDS_0025)
tail collar protein (CDS_0026)
short tail fiber protein (CDS_0023)
27
28
IMGVR_UViG_2660237933_000004|2660237933|2660240310|1-40475 13305:25289(+)
LPS (VF0124) (CDS_0025)
short tail fiber protein (CDS_0022)
23
24
integrase (CDS_0026)
TemPhD_cluster_23705_ 12685:25490(+)
tail fiber assembly protein (CDS_0023)
tail collar fiber protein (CDS_0025)
tail fiber assembly (CDS_0024)
short tail fiber protein (CDS_0022)
26
27
integrase (CDS_0028)
IMGVR_UViG_2568526473_000002|2568526473|2568573559|226942-266947 12685:24525(+)
tail fiber assembly protein (CDS_0024)
virion structural protein (CDS_0025)
tail fiber assembly (CDS_0023)
tail fiber protein (CDS_0022)
PD-T4-3__PD-T4-3 (CDS_0029)
26
27
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34
IMGVR_UViG_2585427970_000004|2585427970|2585483126|3908916-3950370 12685:27159(+)
tail fiber assembly protein (CDS_0024)
virion structural protein (CDS_0025)
tail fiber assembly (CDS_0023)
tail fiber protein (CDS_0022)
26
27
IMGVR_UViG_2636416110_000004|2636416110|2636579913|1-39077 12685:24781(+)
tail fiber protein (CDS_0023)
24
25
26
integrase (CDS_0027)
Kil protein for bacterial septation inhibition (CDS_0034)
IMGVR_UViG_2671180896_000005|2671180896|2671290504|8815-47587 13305:25130(+)
short tail fiber protein (CDS_0022)
23
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TemPhD_cluster_61670 12684:24695(+)
short tail fiber protein (CDS_0023)
MGV-GENOME-0234371 13305:20756(+)
short tail fiber protein (CDS_0023)
DNA methyltransferase (CDS_0025)
CDS_0024
uvig_58470 13305:20378(+)
tail fiber protein (CDS_0023)
CDS_0025
CDS_0024
DNA methyltransferase (CDS_0026)
uvig_165158 13305:21481(+)
short tail fiber protein (CDS_0023)
CDS_0025
CDS_0024
uvig_419374 13304:20372(+)
OatA (VF0441) (CDS_0025)
short tail fiber protein (CDS_0023)
24
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TemPhD_cluster_19774 13305:25745(+)
OatA (VF0441) (CDS_0025)
short tail fiber protein (CDS_0023)
24
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TemPhD_cluster_61070 13305:25744(+)
short tail fiber protein (CDS_0023)
24
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TemPhD_cluster_49927 13306:25332(+)
DNA helicase (CDS_0024)
short tail fiber protein (CDS_0023)
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29
integrase (CDS_0030)
IMGVR_UViG_2690316062_000001|2690316062|2690336403 13305:26924(+)
transcriptional repressor (CDS_0030)
CI-like repressor (CDS_0029)
short tail fiber protein (CDS_0023)
CDS_0028
CII-like transcriptional activator (CDS_0031)
uvig_587169 13305:23276(+)
6000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
other
tail
transcription regulation
unknown function
Defence
Virulence
Anti-defence