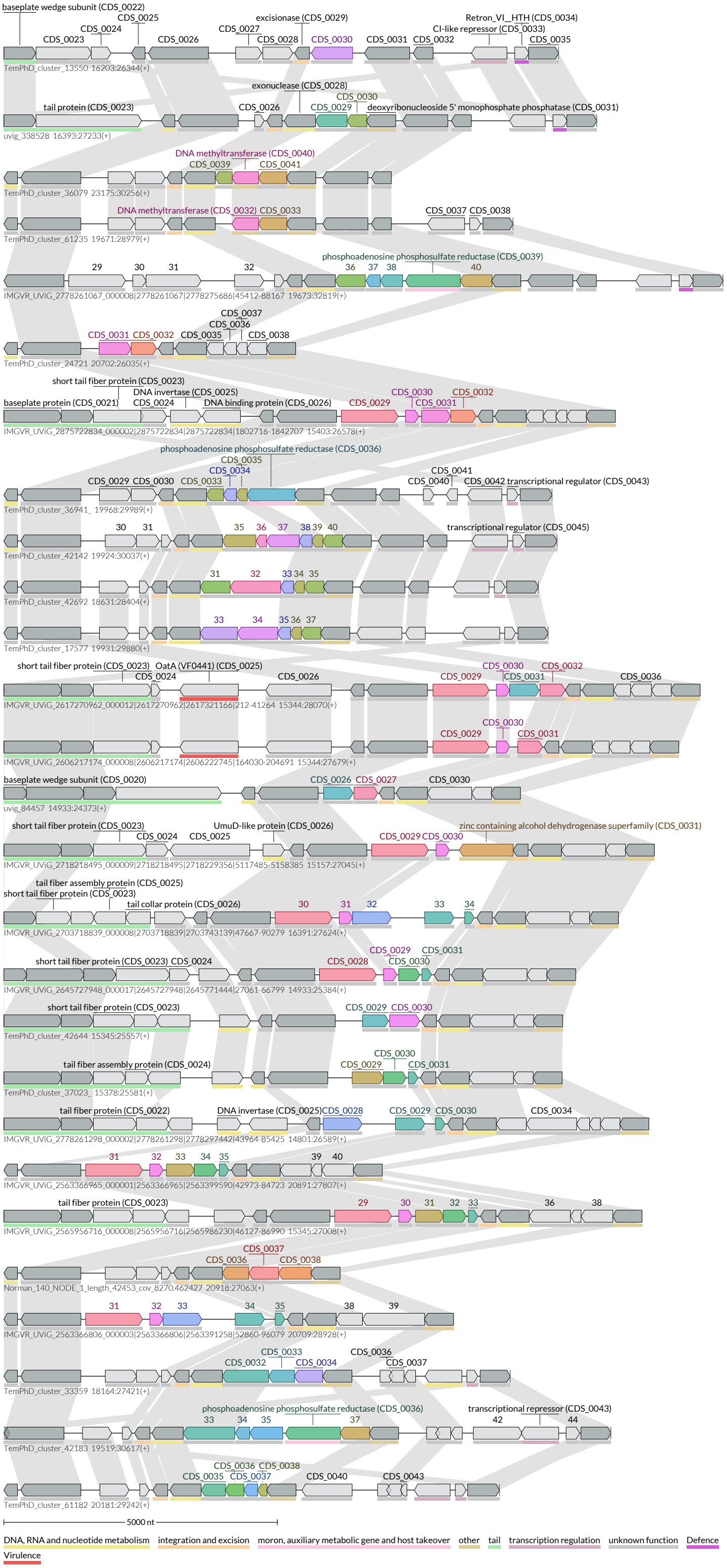
baseplate wedge subunit (CDS_0022)
CDS_0023
CDS_0024
CDS_0025
CDS_0026
CDS_0027
excisionase (CDS_0029)
CDS_0028
CDS_0030
CDS_0031
CDS_0032
Retron_VI__HTH (CDS_0034)
CI-like repressor (CDS_0033)
CDS_0035
TemPhD_cluster_13550 16203:26344(+)
tail protein (CDS_0023)
CDS_0026
exonuclease (CDS_0028)
CDS_0030
CDS_0029
deoxyribonucleoside 5' monophosphate phosphatase (CDS_0031)
uvig_338528 16393:27233(+)
DNA methyltransferase (CDS_0040)
CDS_0039
CDS_0041
TemPhD_cluster_36079 23175:30256(+)
DNA methyltransferase (CDS_0032)
CDS_0033
CDS_0037
CDS_0038
TemPhD_cluster_61235 19671:28979(+)
29
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31
32
phosphoadenosine phosphosulfate reductase (CDS_0039)
36
37
38
40
IMGVR_UViG_2778261067_000008|2778261067|2778275686|45412-88167 19673:32819(+)
CDS_0037
CDS_0036
CDS_0031
CDS_0032
CDS_0035
CDS_0038
TemPhD_cluster_24721 20702:26035(+)
short tail fiber protein (CDS_0023)
DNA invertase (CDS_0025)
baseplate protein (CDS_0021)
CDS_0024
DNA binding protein (CDS_0026)
CDS_0029
CDS_0030
CDS_0031
CDS_0032
IMGVR_UViG_2875722834_000002|2875722834|2875722834|1802716-1842707 15403:26578(+)
phosphoadenosine phosphosulfate reductase (CDS_0036)
CDS_0035
CDS_0034
CDS_0029
CDS_0030
CDS_0033
CDS_0041
CDS_0040
CDS_0042
transcriptional regulator (CDS_0043)
TemPhD_cluster_36941_ 19968:29989(+)
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transcriptional regulator (CDS_0045)
TemPhD_cluster_42142 19924:30037(+)
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TemPhD_cluster_42692 18631:28404(+)
33
34
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36
37
TemPhD_cluster_17577 19931:29880(+)
short tail fiber protein (CDS_0023)
OatA (VF0441) (CDS_0025)
CDS_0024
CDS_0026
CDS_0030
CDS_0032
CDS_0029
CDS_0031
CDS_0036
IMGVR_UViG_2617270962_000012|2617270962|2617321166|212-41264 15344:28070(+)
CDS_0030
CDS_0029
CDS_0031
IMGVR_UViG_2606217174_000008|2606217174|2606222745|164030-204691 15344:27679(+)
baseplate wedge subunit (CDS_0020)
CDS_0026
CDS_0027
CDS_0030
uvig_84457 14933:24373(+)
short tail fiber protein (CDS_0023)
CDS_0024
CDS_0025
UmuD-like protein (CDS_0026)
CDS_0029
CDS_0030
zinc containing alcohol dehydrogenase superfamily (CDS_0031)
IMGVR_UViG_2718218495_000009|2718218495|2718229356|5117485-5158385 15157:27045(+)
tail fiber assembly protein (CDS_0025)
short tail fiber protein (CDS_0023)
tail collar protein (CDS_0026)
30
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34
IMGVR_UViG_2703718839_000008|2703718839|2703743139|47667-90279 16391:27624(+)
CDS_0029
CDS_0031
short tail fiber protein (CDS_0023)
CDS_0024
CDS_0028
CDS_0030
IMGVR_UViG_2645727948_000017|2645727948|2645771444|27061-66799 14933:25384(+)
short tail fiber protein (CDS_0023)
CDS_0029
CDS_0030
TemPhD_cluster_42644 15345:25557(+)
CDS_0030
tail fiber assembly protein (CDS_0024)
CDS_0029
CDS_0031
TemPhD_cluster_37023_ 15378:25581(+)
tail fiber protein (CDS_0022)
DNA invertase (CDS_0025)
CDS_0028
CDS_0029
CDS_0030
CDS_0034
IMGVR_UViG_2778261298_000002|2778261298|2778297442|43964-85425 14801:26589(+)
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IMGVR_UViG_2563366965_000001|2563366965|2563399590|42973-84723 20891:27807(+)
tail fiber protein (CDS_0023)
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IMGVR_UViG_2565956716_000008|2565956716|2565986230|46127-86990 15345:27008(+)
CDS_0037
CDS_0036
CDS_0038
Norman_140_NODE_1_length_42453_cov_8270.462427 20918:27063(+)
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IMGVR_UViG_2563366806_000003|2563366806|2563391258|52860-96079 20709:28928(+)
CDS_0033
CDS_0036
CDS_0032
CDS_0034
CDS_0037
TemPhD_cluster_33359 18164:27421(+)
phosphoadenosine phosphosulfate reductase (CDS_0036)
transcriptional repressor (CDS_0043)
33
34
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42
44
TemPhD_cluster_42183 19519:30617(+)
CDS_0036
CDS_0038
CDS_0035
CDS_0037
CDS_0040
CDS_0043
TemPhD_cluster_61182 20181:29242(+)
5000 nt
DNA, RNA and nucleotide metabolism
integration and excision
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence
Virulence