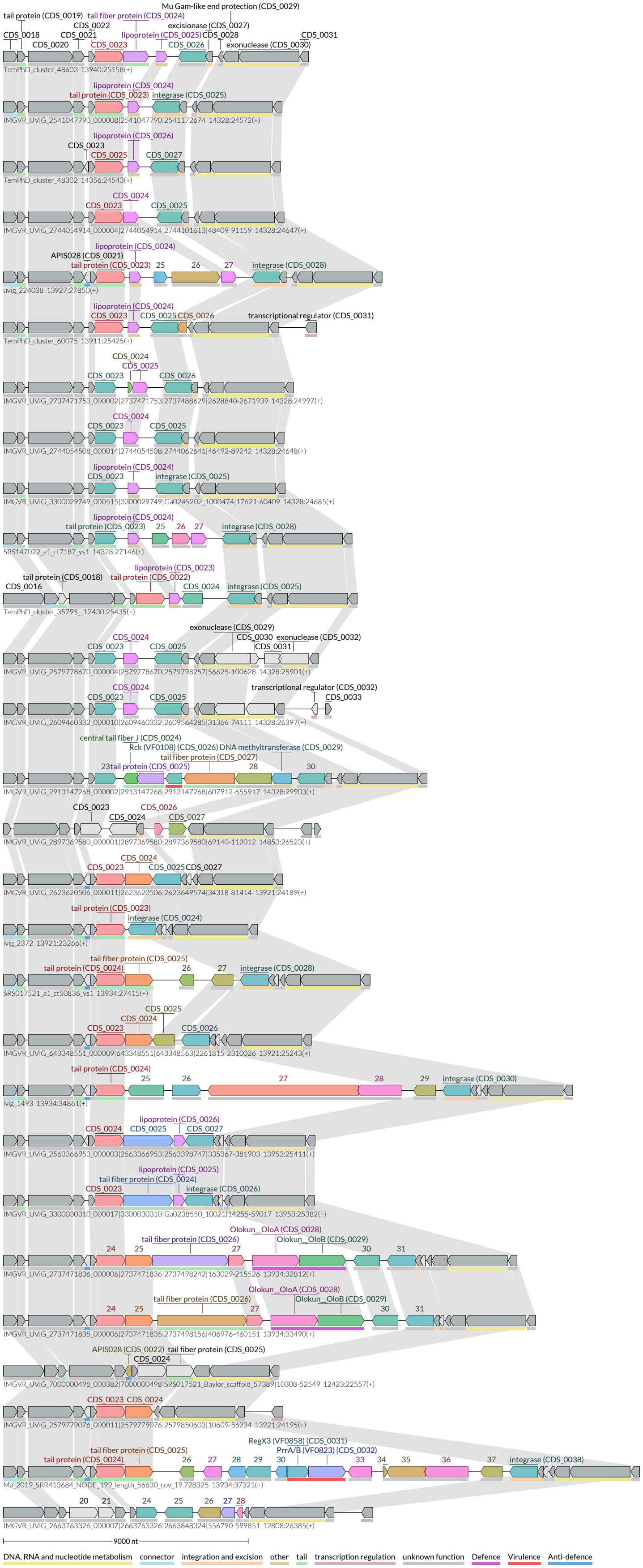
Mu Gam-like end protection (CDS_0029)
tail protein (CDS_0019)
tail fiber protein (CDS_0024)
CDS_0022
excisionase (CDS_0027)
CDS_0018
CDS_0021
lipoprotein (CDS_0025)
CDS_0028
CDS_0031
CDS_0020
CDS_0023
CDS_0026
exonuclease (CDS_0030)
TemPhD_cluster_48603 13940:25158(+)
lipoprotein (CDS_0024)
tail protein (CDS_0023)
integrase (CDS_0025)
IMGVR_UViG_2541047790_000008|2541047790|2541172674 14328:24572(+)
lipoprotein (CDS_0026)
CDS_0023
CDS_0025
CDS_0027
TemPhD_cluster_48302 14356:24543(+)
CDS_0024
CDS_0023
CDS_0025
IMGVR_UViG_2744054914_000004|2744054914|2744101613|48409-91159 14328:24647(+)
lipoprotein (CDS_0024)
APIS028 (CDS_0021)
tail protein (CDS_0023)
25
26
27
integrase (CDS_0028)
uvig_224038 13927:27850(+)
lipoprotein (CDS_0024)
CDS_0023
CDS_0025
CDS_0026
transcriptional regulator (CDS_0031)
TemPhD_cluster_60075 13911:25425(+)
CDS_0024
CDS_0025
CDS_0023
CDS_0026
IMGVR_UViG_2737471753_000002|2737471753|2737488629|2628840-2671939 14328:24997(+)
CDS_0024
CDS_0023
CDS_0025
IMGVR_UViG_2744054508_000014|2744054508|2744062641|46492-89242 14328:24648(+)
lipoprotein (CDS_0024)
CDS_0023
integrase (CDS_0025)
IMGVR_UViG_3300029749_000515|3300029749|Ga0245202_1000474|17621-60409 14328:24685(+)
lipoprotein (CDS_0024)
tail protein (CDS_0023)
25
26
27
integrase (CDS_0028)
SRS147022_a1_ct7187_vs1 14328:27146(+)
lipoprotein (CDS_0023)
tail protein (CDS_0018)
tail protein (CDS_0022)
CDS_0016
CDS_0024
integrase (CDS_0025)
TemPhD_cluster_35795_ 12430:25435(+)
exonuclease (CDS_0029)
CDS_0024
CDS_0030
exonuclease (CDS_0032)
CDS_0023
CDS_0025
CDS_0031
IMGVR_UViG_2579778670_000004|2579778670|2579798257|56625-100628 14328:25901(+)
CDS_0024
transcriptional regulator (CDS_0032)
CDS_0023
CDS_0025
CDS_0033
IMGVR_UViG_2609460332_000010|2609460332|2609564285|31366-74111 14328:26397(+)
central tail fiber J (CDS_0024)
Rck (VF0108) (CDS_0026)
DNA methyltransferase (CDS_0029)
tail fiber protein (CDS_0027)
23
tail protein (CDS_0025)
28
30
IMGVR_UViG_2913147268_000002|2913147268|2913147268|607912-655917 14328:29903(+)
CDS_0023
CDS_0026
CDS_0024
CDS_0027
IMGVR_UViG_2897369580_000001|2897369580|2897369580|69140-112012 14853:26523(+)
CDS_0024
CDS_0023
CDS_0025
CDS_0027
IMGVR_UViG_2623620506_000011|2623620506|2623649574|34318-81414 13921:24189(+)
tail protein (CDS_0023)
integrase (CDS_0024)
ivig_2372 13921:23266(+)
tail fiber protein (CDS_0025)
tail protein (CDS_0024)
26
27
integrase (CDS_0028)
SRS017521_a1_ct50836_vs1 13934:27415(+)
CDS_0025
CDS_0024
CDS_0023
CDS_0026
IMGVR_UViG_643348551_000009|643348551|643348563|2261815-2310026 13921:25243(+)
tail protein (CDS_0024)
25
26
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integrase (CDS_0030)
ivig_1493 13934:34861(+)
lipoprotein (CDS_0026)
CDS_0024
CDS_0025
CDS_0027
IMGVR_UViG_2563366953_000003|2563366953|2563398747|335367-381903 13953:25411(+)
lipoprotein (CDS_0025)
tail fiber protein (CDS_0024)
CDS_0023
integrase (CDS_0026)
IMGVR_UViG_3300030310_000017|3300030310|Ga0238550_10021|14255-59017 13953:25382(+)
Olokun__OloA (CDS_0028)
tail fiber protein (CDS_0026)
Olokun__OloB (CDS_0029)
24
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27
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31
IMGVR_UViG_2737471836_000006|2737471836|2737498242|163029-215526 13934:32812(+)
Olokun__OloA (CDS_0028)
tail fiber protein (CDS_0026)
Olokun__OloB (CDS_0029)
24
25
27
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31
IMGVR_UViG_2737471835_000006|2737471835|2737498156|406976-460151 13934:33490(+)
APIS028 (CDS_0022)
tail fiber protein (CDS_0025)
CDS_0024
IMGVR_UViG_7000000498_000382|7000000498|SRS017521_Baylor_scaffold_57389|10308-52549 12423:22557(+)
CDS_0023
CDS_0024
IMGVR_UViG_2579779076_000011|2579779076|2579850603|10609-56234 13921:24195(+)
RegX3 (VF0858) (CDS_0031)
tail fiber protein (CDS_0025)
PrrA/B (VF0823) (CDS_0032)
tail protein (CDS_0024)
26
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33
34
35
36
37
integrase (CDS_0038)
Ma_2019_SRR413684_NODE_199_length_56630_cov_19.728325 13934:37321(+)
20
21
24
25
26
27
28
IMGVR_UViG_2663763326_000007|2663763326|2663848324|556790-599851 12808:26385(+)
9000 nt
DNA, RNA and nucleotide metabolism
connector
integration and excision
other
tail
transcription regulation
unknown function
Defence
Virulence
Anti-defence