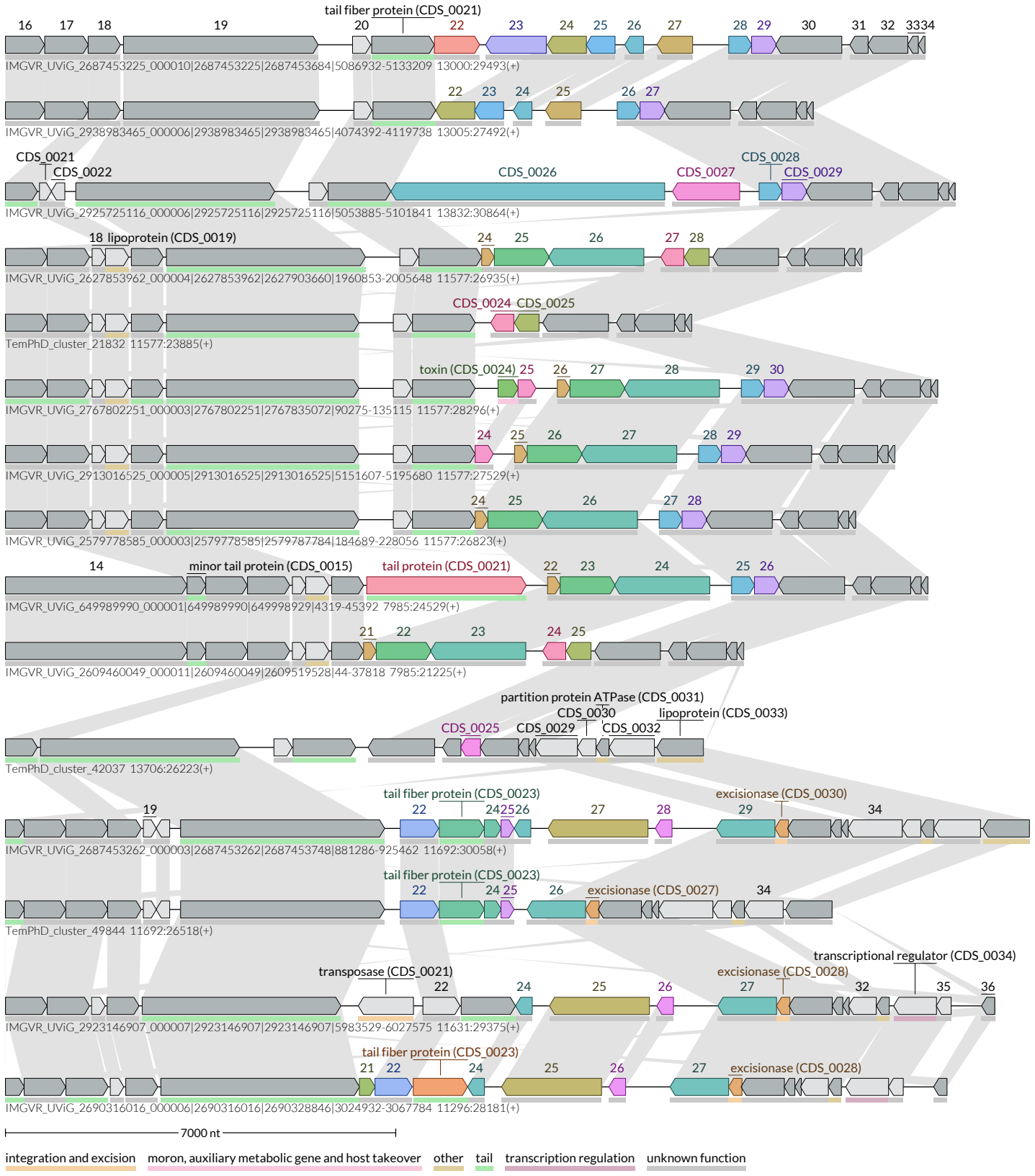
tail fiber protein (CDS_0021)
16 17 18 19 20 22 23 24 25 26 27 28 29 30 31 32 3334
IMGVR_UViG_2687453225_000010|2687453225|2687453684|5086932-5133209 13000:29493(+)
22 23 24 25 26 27
IMGVR_UViG_2938983465_000006|2938983465|2938983465|4074392-4119738 13005:27492(+)
CDS_0021
CDS_0022
CDS_0026
CDS_0027
CDS_0028
CDS_0029
IMGVR_UViG_2925725116_000006|2925725116|2925725116|5053885-5101841 13832:30864(+)
18 lipoprotein (CDS_0019)
24 25 26 27 28
IMGVR_UViG_2627853962_000004|2627853962|2627903660|1960853-2005648 11577:26935(+)
CDS_0024 CDS_0025
TemPhD_cluster_21832 11577:23885(+)
toxin (CDS_0024) 25 26 27 28 29 30
IMGVR_UViG_2767802251_000003|2767802251|2767835072|90275-135115 11577:28296(+)
24 25 26 27 28 29
IMGVR_UViG_2913016525_000005|2913016525|2913016525|5151607-5195680 11577:27529(+)
24 25 26 27 28
IMGVR_UViG_2579778585_000003|2579778585|2579787784|184689-228056 11577:26823(+)
14
minor tail protein (CDS_0015)
tail protein (CDS_0021)
22 23 24 25 26
IMGVR_UViG_649989990_000001|649989990|649998929|4319-45392 7985:24529(+)
21 22 23 24 25
IMGVR_UViG_2609460049_000011|2609460049|2609519528|44-37818 7985:21225(+)
partition protein ATPase (CDS_0031)
CDS_0030
lipoprotein (CDS_0033)
CDS_0025
CDS_0029
CDS_0032
TemPhD_cluster_42037 13706:26223(+)
tail fiber protein (CDS_0023)
excisionase (CDS_0030)
19
22 24 25 26 27 28 29 34
IMGVR_UViG_2687453262_000003|2687453262|2687453748|881286-925462 11692:30058(+)
tail fiber protein (CDS_0023)
22 24 25 26
excisionase (CDS_0027)
34
TemPhD_cluster_49844 11692:26518(+)
transcriptional regulator (CDS_0034)
transposase (CDS_0021)
excisionase (CDS_0028)
22 24 25 26 27 32 35 36
IMGVR_UViG_2923146907_000007|2923146907|2923146907|5983529-6027575 11631:29375(+)
tail fiber protein (CDS_0023)
21 22 24 25 26 27
excisionase (CDS_0028)
IMGVR_UViG_2690316016_000006|2690316016|2690328846|3024932-3067784 11296:28181(+)
7000 nt
integration and excision
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function