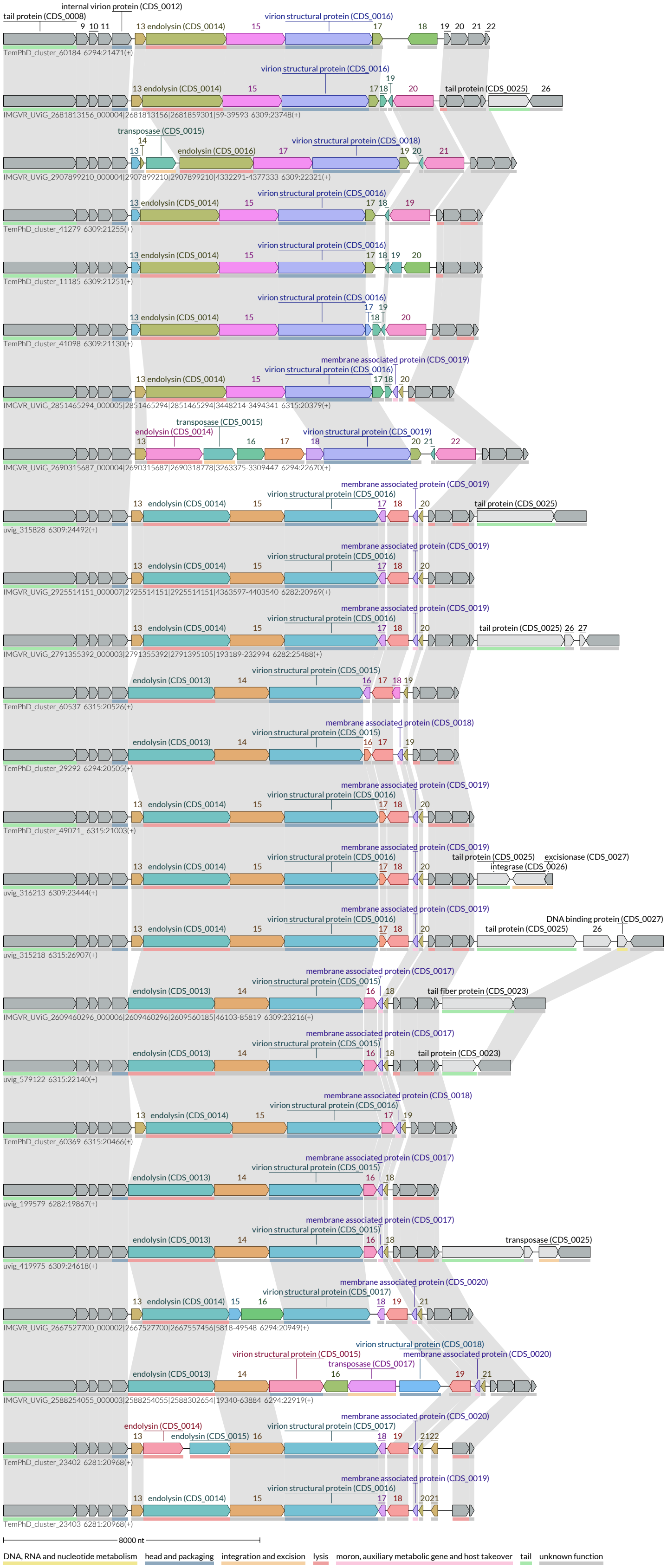
internal virion protein (CDS_0012)
tail protein (CDS_0008)
9 10 11
13 endolysin (CDS_0014)
15
virion structural protein (CDS_0016)
17
18
19 20 21 22
TemPhD_cluster_60184 6294:21471(+)
virion structural protein (CDS_0016)
19
13 endolysin (CDS_0014)
15
17 18
20
tail protein (CDS_0025)
26
IMGVR_UViG_2681813156_000004|2681813156|2681859301|59-39593 6309:23748(+)
transposase (CDS_0015)
14
13
endolysin (CDS_0016)
17
virion structural protein (CDS_0018)
19 20
21
IMGVR_UViG_2907899210_000004|2907899210|2907899210|4332291-4377333 6309:22321(+)
virion structural protein (CDS_0016)
13 endolysin (CDS_0014)
15
17 18
19
TemPhD_cluster_41279 6309:21255(+)
virion structural protein (CDS_0016)
13 endolysin (CDS_0014)
15
17 18 19
20
TemPhD_cluster_11185 6309:21251(+)
virion structural protein (CDS_0016)
17 19
13 endolysin (CDS_0014)
15
18
20
TemPhD_cluster_41098 6309:21130(+)
membrane associated protein (CDS_0019)
virion structural protein (CDS_0016)
13 endolysin (CDS_0014)
15
17 18 20
IMGVR_UViG_2851465294_000005|2851465294|2851465294|3448214-3494341 6315:20379(+)
transposase (CDS_0015)
endolysin (CDS_0014)
virion structural protein (CDS_0019)
13
16
17
18
20 21
22
IMGVR_UViG_2690315687_000004|2690315687|2690318778|3263375-3309447 6294:22670(+)
membrane associated protein (CDS_0019)
virion structural protein (CDS_0016)
13 endolysin (CDS_0014)
15
17 18
20
tail protein (CDS_0025)
uvig_315828 6309:24492(+)
membrane associated protein (CDS_0019)
virion structural protein (CDS_0016)
13 endolysin (CDS_0014)
15
17 18
20
IMGVR_UViG_2925514151_000007|2925514151|2925514151|4363597-4403540 6282:20969(+)
membrane associated protein (CDS_0019)
virion structural protein (CDS_0016)
13 endolysin (CDS_0014)
15
17 18
20
tail protein (CDS_0025) 26 27
IMGVR_UViG_2791355392_000003|2791355392|2791395105|193189-232994 6282:25488(+)
virion structural protein (CDS_0015)
endolysin (CDS_0013)
14
16 17 18 19
TemPhD_cluster_60537 6315:20526(+)
membrane associated protein (CDS_0018)
virion structural protein (CDS_0015)
endolysin (CDS_0013)
14
16 17
19
TemPhD_cluster_29292 6294:20505(+)
membrane associated protein (CDS_0019)
virion structural protein (CDS_0016)
13 endolysin (CDS_0014)
15
17 18
20
TemPhD_cluster_49071_ 6315:21003(+)
membrane associated protein (CDS_0019)
virion structural protein (CDS_0016)
tail protein (CDS_0025)
excisionase (CDS_0027)
integrase (CDS_0026)
13 endolysin (CDS_0014)
15
17 18
20
uvig_316213 6309:23444(+)
membrane associated protein (CDS_0019)
virion structural protein (CDS_0016)
DNA binding protein (CDS_0027)
13 endolysin (CDS_0014)
15
17 18
20
tail protein (CDS_0025)
26
uvig_315218 6315:26907(+)
membrane associated protein (CDS_0017)
virion structural protein (CDS_0015)
endolysin (CDS_0013)
14
16
18
tail fiber protein (CDS_0023)
IMGVR_UViG_2609460296_000006|2609460296|2609560185|46103-85819 6309:23216(+)
membrane associated protein (CDS_0017)
virion structural protein (CDS_0015)
endolysin (CDS_0013)
14
16
18
tail protein (CDS_0023)
uvig_579122 6315:22140(+)
membrane associated protein (CDS_0018)
virion structural protein (CDS_0016)
13 endolysin (CDS_0014)
15
17
19
TemPhD_cluster_60369 6315:20466(+)
membrane associated protein (CDS_0017)
virion structural protein (CDS_0015)
endolysin (CDS_0013)
14
16
18
uvig_199579 6282:19867(+)
membrane associated protein (CDS_0017)
virion structural protein (CDS_0015)
endolysin (CDS_0013)
14
16
18
transposase (CDS_0025)
uvig_419975 6309:24618(+)
membrane associated protein (CDS_0020)
virion structural protein (CDS_0017)
13 endolysin (CDS_0014)
15
16
18
19
21
IMGVR_UViG_2667527700_000002|2667527700|2667557456|5818-49548 6294:20949(+)
virion structural protein (CDS_0018)
virion structural protein (CDS_0015)
membrane associated protein (CDS_0020)
transposase (CDS_0017)
endolysin (CDS_0013)
14
16
19
21
IMGVR_UViG_2588254055_000003|2588254055|2588302654|19340-63884 6294:22919(+)
membrane associated protein (CDS_0020)
endolysin (CDS_0014)
virion structural protein (CDS_0017)
13
endolysin (CDS_0015)
16
18
19
21 22
TemPhD_cluster_23402 6281:20968(+)
membrane associated protein (CDS_0019)
virion structural protein (CDS_0016)
13 endolysin (CDS_0014)
15
17
18
20 21
TemPhD_cluster_23403 6281:20968(+)
8000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
tail
unknown function