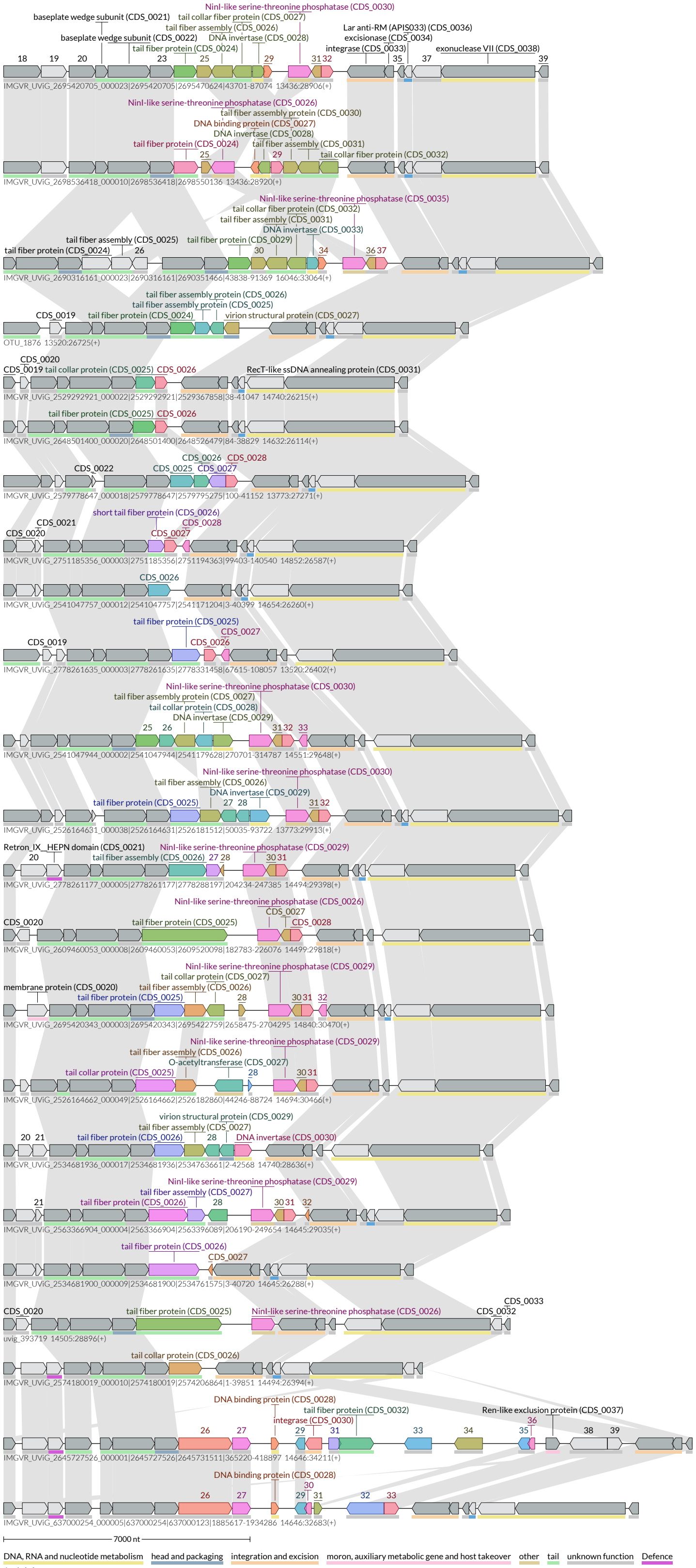
NinI-like serine-threonine phosphatase (CDS_0030)
baseplate wedge subunit (CDS_0021)
tail collar fiber protein (CDS_0027)
tail fiber assembly (CDS_0026)
baseplate wedge subunit (CDS_0022)
DNA invertase (CDS_0028)
Lar anti-RM (APIS033) (CDS_0036)
excisionase (CDS_0034)
tail fiber protein (CDS_0024)
integrase (CDS_0033)
exonuclease VII (CDS_0038)
18 19 20 23 25 29 31 32 35 37 39
IMGVR_UViG_2695420705_000023|2695420705|2695470624|43701-87074 13436:28906(+)
NinI-like serine-threonine phosphatase (CDS_0026)
tail fiber assembly protein (CDS_0030)
DNA binding protein (CDS_0027)
DNA invertase (CDS_0028)
tail fiber protein (CDS_0024)
tail fiber assembly (CDS_0031)
25 29
tail collar fiber protein (CDS_0032)
IMGVR_UViG_2698536418_000010|2698536418|2698550136 13436:28920(+)
NinI-like serine-threonine phosphatase (CDS_0035)
tail collar fiber protein (CDS_0032)
tail fiber assembly (CDS_0031)
DNA invertase (CDS_0033)
tail fiber assembly (CDS_0025)
tail fiber protein (CDS_0029)
tail fiber protein (CDS_0024)
26 30 34 36 37
IMGVR_UViG_2690316161_000023|2690316161|2690351466|43838-91369 16046:33064(+)
tail fiber assembly protein (CDS_0026)
tail fiber assembly protein (CDS_0025)
CDS_0019
tail fiber protein (CDS_0024)
virion structural protein (CDS_0027)
OTU_1876 13520:26725(+)
CDS_0020
CDS_0019
tail collar protein (CDS_0025)
CDS_0026
RecT-like ssDNA annealing protein (CDS_0031)
IMGVR_UViG_2529292921_000022|2529292921|2529367858|38-41047 14740:26215(+)
tail fiber protein (CDS_0025)
CDS_0026
IMGVR_UViG_2648501400_000020|2648501400|2648526479|84-38829 14632:26114(+)
CDS_0026
CDS_0028
CDS_0022
CDS_0025
CDS_0027
IMGVR_UViG_2579778647_000018|2579778647|2579795275|100-41152 13773:27271(+)
short tail fiber protein (CDS_0026)
CDS_0021
CDS_0028
CDS_0020
CDS_0027
IMGVR_UViG_2751185356_000003|2751185356|2751194363|99403-140540 14852:26587(+)
CDS_0026
IMGVR_UViG_2541047757_000012|2541047757|2541171204|3-40399 14654:26260(+)
tail fiber protein (CDS_0025)
CDS_0027
CDS_0019
CDS_0026
IMGVR_UViG_2778261635_000003|2778261635|2778331458|67615-108057 13520:26402(+)
NinI-like serine-threonine phosphatase (CDS_0030)
tail fiber assembly protein (CDS_0027)
tail collar protein (CDS_0028)
DNA invertase (CDS_0029)
25 26 31 32 33
IMGVR_UViG_2541047944_000002|2541047944|2541179628|270701-314787 14551:29648(+)
NinI-like serine-threonine phosphatase (CDS_0030)
tail fiber assembly (CDS_0026)
DNA invertase (CDS_0029)
tail fiber protein (CDS_0025)
27 28 31 32
IMGVR_UViG_2526164631_000038|2526164631|2526181512|50035-93722 13773:29913(+)
Retron_IX__HEPN domain (CDS_0021)
NinI-like serine-threonine phosphatase (CDS_0029)
20
tail fiber assembly (CDS_0026)
27 28 30 31
IMGVR_UViG_2778261177_000005|2778261177|2778288197|204234-247385 14494:29398(+)
NinI-like serine-threonine phosphatase (CDS_0026)
CDS_0027
CDS_0020
tail fiber protein (CDS_0025)
CDS_0028
IMGVR_UViG_2609460053_000008|2609460053|2609520098|182783-226076 14499:29818(+)
NinI-like serine-threonine phosphatase (CDS_0029)
tail collar protein (CDS_0027)
membrane protein (CDS_0020)
tail fiber assembly (CDS_0026)
tail fiber protein (CDS_0025)
28 30 31 32
IMGVR_UViG_2695420343_000003|2695420343|2695422759|2658475-2704295 14840:30470(+)
NinI-like serine-threonine phosphatase (CDS_0029)
tail fiber assembly (CDS_0026)
O-acetyltransferase (CDS_0027)
tail collar protein (CDS_0025)
28 30 31
IMGVR_UViG_2526164662_000049|2526164662|2526182860|44246-88724 14694:30466(+)
virion structural protein (CDS_0029)
tail fiber assembly (CDS_0027)
20 21
tail fiber protein (CDS_0026)
28
DNA invertase (CDS_0030)
IMGVR_UViG_2534681936_000017|2534681936|2534763661|2-42568 14740:28636(+)
NinI-like serine-threonine phosphatase (CDS_0029)
tail fiber assembly (CDS_0027)
21
tail fiber protein (CDS_0026)
28 30 31 32
IMGVR_UViG_2563366904_000004|2563366904|2563396089|206190-249654 14645:29035(+)
tail fiber protein (CDS_0026)
CDS_0027
IMGVR_UViG_2534681900_000009|2534681900|2534761575|3-40720 14645:26288(+)
CDS_0033
CDS_0020
tail fiber protein (CDS_0025)
NinI-like serine-threonine phosphatase (CDS_0026)
CDS_0032
uvig_393719 14505:28896(+)
tail collar protein (CDS_0026)
IMGVR_UViG_2574180019_000010|2574180019|2574206864|1-39851 14494:26394(+)
DNA binding protein (CDS_0028)
tail fiber protein (CDS_0032)
Ren-like exclusion protein (CDS_0037)
integrase (CDS_0030)
26 27 29 31 33 34 35 36 38 39
IMGVR_UViG_2645727526_000001|2645727526|2645731511|365220-418897 14646:34211(+)
DNA binding protein (CDS_0028)
30
26 27 29 31 32 33
IMGVR_UViG_637000254_000005|637000254|637000123|1885617-1934286 14646:32683(+)
7000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
moron, auxiliary metabolic gene and host takeover
other
tail
unknown function
Defence
Anti-defence