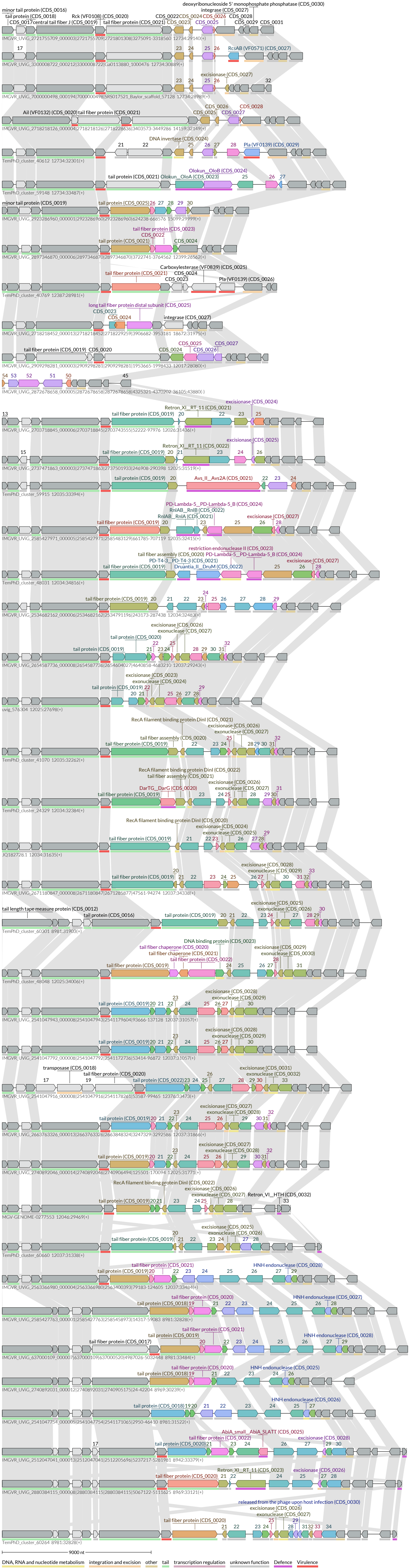
deoxyribonucleoside 5' monophosphate phosphatase (CDS_0030)
minor tail protein (CDS_0016)
integrase (CDS_0027)
tail protein (CDS_0018)
Rck (VF0108) (CDS_0020)
CDS_0022
CDS_0024
CDS_0026
CDS_0028
CDS_0017
central tail fiber J (CDS_0019)
tail fiber protein (CDS_0021)
CDS_0023
CDS_0025
CDS_0029
CDS_0031
IMGVR_UViG_2721755709_000003|2721755709|2721801308|3275091-3318560 12734:29140(+)
RcsAB (VF0571) (CDS_0027)
IMGVR_UViG_3300008722_000212|3300008722|Ga0113880_1000476 12734:30889(+)
excisionase (CDS_0027)
IMGVR_UViG_7000000498_000194|7000000498|SRS017521_Baylor_scaffold_57128 12734:28989(+)
Ail (VF0132) (CDS_0020)
tail fiber protein (CDS_0021)
IMGVR_UViG_2718218126_000004|2718218126|2718228636|3403573-3449286 14159:32149(+)
DNA invertase (CDS_0024)
Pla (VF0139) (CDS_0029)
TemPhD_cluster_40612 12734:32301(+)
Olokun__OloB (CDS_0024)
tail protein (CDS_0021)
Olokun__OloA (CDS_0023)
TemPhD_cluster_59148 12734:33487(+)
minor tail protein (CDS_0019)
tail protein (CDS_0025)
IMGVR_UViG_2923286960_000001|2923286960|2923286960|624238-668576 15099:29999(+)
tail fiber protein (CDS_0023)
tail protein (CDS_0021)
IMGVR_UViG_2897346870_000006|2897346870|2897346870|3722741-3764562 12399:26562(+)
Carboxylesterase (VF0839) (CDS_0025)
tail fiber protein (CDS_0021)
Pla (VF0139) (CDS_0026)
TemPhD_cluster_40769 12387:28981(+)
long tail fiber protein distal subunit (CDS_0025)
integrase (CDS_0027)
IMGVR_UViG_2718218452_000013|2718218452|2718229259|3906682-3953181 18672:31975(+)
tail fiber protein (CDS_0019)
CDS_0020
IMGVR_UViG_2909298281_000003|2909298281|2909298281|1953665-1998433 12017:28080(+)
IMGVR_UViG_2872678658_000005|2872678658|2872678658|4325321-4370202 36105:43880(-)
excisionase (CDS_0024)
Retron_XI__RT_11 (CDS_0021)
tail fiber protein (CDS_0019)
IMGVR_UViG_2703718845_000006|2703718845|2703743555|52222-97976 12026:31436(+)
excisionase (CDS_0025)
Retron_XI__RT_11 (CDS_0022)
tail fiber protein (CDS_0019)
IMGVR_UViG_2737471863_000003|2737471863|2737501933|246908-290398 12025:31519(+)
tail protein (CDS_0019)
Avs_II__Avs2A (CDS_0021)
TemPhD_cluster_59915 12035:33394(+)
PD-Lambda-5__PD-Lambda-5_B (CDS_0024)
RnlAB__RnlB (CDS_0022)
RnlAB__RnlA (CDS_0021)
excisionase (CDS_0027)
tail fiber protein (CDS_0019)
IMGVR_UViG_2585427971_000005|2585427971|2585483129|661785-707119 12035:32415(+)
restriction endonuclease II (CDS_0023)
tail fiber assembly (CDS_0020)
PD-Lambda-5__PD-Lambda-5_B (CDS_0024)
PD-T4-3__PD-T4-3 (CDS_0021)
excisionase (CDS_0027)
tail fiber protein (CDS_0019)
Druantia_II__DruM (CDS_0022)
TemPhD_cluster_48031 12034:34816(+)
tail fiber protein (CDS_0019)
IMGVR_UViG_2534682162_000006|2534682162|2534791196|243173-287438 12034:32483(+)
excisionase (CDS_0026)
exonuclease (CDS_0027)
tail protein (CDS_0020)
tail protein (CDS_0019)
IMGVR_UViG_2654587736_000008|2654587736|2654604027|4640858-4683210 12037:29243(+)
excisionase (CDS_0023)
exonuclease (CDS_0024)
tail protein (CDS_0019)
uvig_576304 12025:27698(+)
RecA filament binding protein DinI (CDS_0021)
excisionase (CDS_0026)
exonuclease (CDS_0027)
tail fiber assembly (CDS_0020)
tail fiber protein (CDS_0019)
TemPhD_cluster_41070 12035:32262(+)
RecA filament binding protein DinI (CDS_0022)
tail fiber assembly (CDS_0021)
excisionase (CDS_0026)
DarTG__DarG (CDS_0020)
exonuclease (CDS_0027)
tail fiber protein (CDS_0019)
TemPhD_cluster_24329 12034:32384(+)
RecA filament binding protein DinI (CDS_0020)
excisionase (CDS_0024)
exonuclease (CDS_0025)
tail fiber protein (CDS_0019)
JQ182728.1 12034:31635(+)
excisionase (CDS_0028)
exonuclease (CDS_0029)
tail fiber protein (CDS_0019)
IMGVR_UViG_2671180847_000008|2671180847|2671285877|47561-94274 12037:34338(+)
excisionase (CDS_0025)
tail length tape measure protein (CDS_0012)
exonuclease (CDS_0026)
tail protein (CDS_0016)
tail protein (CDS_0019)
TemPhD_cluster_60301 8981:31903(+)
DNA binding protein (CDS_0023)
excisionase (CDS_0029)
tail fiber chaperone (CDS_0020)
exonuclease (CDS_0030)
tail fiber chaperone (CDS_0021)
tail fiber protein (CDS_0022)
tail fiber protein (CDS_0019)
TemPhD_cluster_48048 12025:34006(+)
excisionase (CDS_0028)
exonuclease (CDS_0029)
tail protein (CDS_0019)
IMGVR_UViG_2541047943_000008|2541047943|2541179604|93666-137128 12037:31057(+)
excisionase (CDS_0028)
exonuclease (CDS_0029)
tail protein (CDS_0019)
IMGVR_UViG_2541047792_000008|2541047792|2541172736|53414-96872 12037:31057(+)
transposase (CDS_0018)
tail fiber protein (CDS_0020)
excisionase (CDS_0031)
exonuclease (CDS_0032)
tail protein (CDS_0022)
IMGVR_UViG_2541047916_000008|2541047916|2541178261|53587-99465 12376:33473(+)
excisionase (CDS_0027)
exonuclease (CDS_0028)
tail protein (CDS_0019)
IMGVR_UViG_2663763326_000013|2663763326|2663848324|3247329-3292586 12037:31866(+)
excisionase (CDS_0027)
exonuclease (CDS_0028)
tail protein (CDS_0019)
IMGVR_UViG_2740892046_000014|2740892046|2740906494|125501-170094 12025:31771(+)
RecA filament binding protein DinI (CDS_0022)
excisionase (CDS_0026)
exonuclease (CDS_0027)
Retron_VI__HTH (CDS_0032)
tail protein (CDS_0019)
MGV-GENOME-0277553 12046:29469(+)
excisionase (CDS_0025)
exonuclease (CDS_0026)
tail fiber protein (CDS_0019)
TemPhD_cluster_60660 12037:31338(+)
tail fiber protein (CDS_0021)
HNH endonuclease (CDS_0028)
tail protein (CDS_0019)
IMGVR_UViG_2563366980_000004|2563366980|2563400393|79183-124605 12037:33484(+)
tail fiber protein (CDS_0020)
HNH endonuclease (CDS_0027)
tail protein (CDS_0018)
IMGVR_UViG_2585427763_000001|2585427763|2585458973|14317-59083 8981:32828(+)
tail fiber protein (CDS_0021)
tail protein (CDS_0019)
HNH endonuclease (CDS_0028)
tail fiber protein (CDS_0017)
IMGVR_UViG_637000109_000007|637000109|637000520|4987026-5032448 8981:33484(+)
tail fiber protein (CDS_0020)
HNH endonuclease (CDS_0025)
tail protein (CDS_0018)
IMGVR_UViG_2740892031_000012|2740892031|2740905175|24-42204 8969:30239(+)
HNH endonuclease (CDS_0026)
tail protein (CDS_0018)
IMGVR_UViG_2541047754_000005|2541047754|2541171065|2950-46410 8981:31522(+)
AbiA_small__AbiA_SLATT (CDS_0025)
tail fiber protein (CDS_0022)
excisionase (CDS_0028)
tail protein (CDS_0020)
IMGVR_UViG_2512047041_000013|2512047041|2512205696|5237217-5281981 8942:33379(+)
Retron_XI__RT_11 (CDS_0023)
excisionase (CDS_0026)
tail fiber protein (CDS_0020)
IMGVR_UViG_2880384115_000008|2880384115|2880384115|5067122-5111625 8969:33121(+)
released from the phage upon host infection (CDS_0030)
excisionase (CDS_0026)
exonuclease (CDS_0027)
tail fiber protein (CDS_0020)
TemPhD_cluster_60264 8981:32828(+)
9000 nt
DNA, RNA and nucleotide metabolism
integration and excision
other
tail
transcription regulation
unknown function
Defence
Virulence