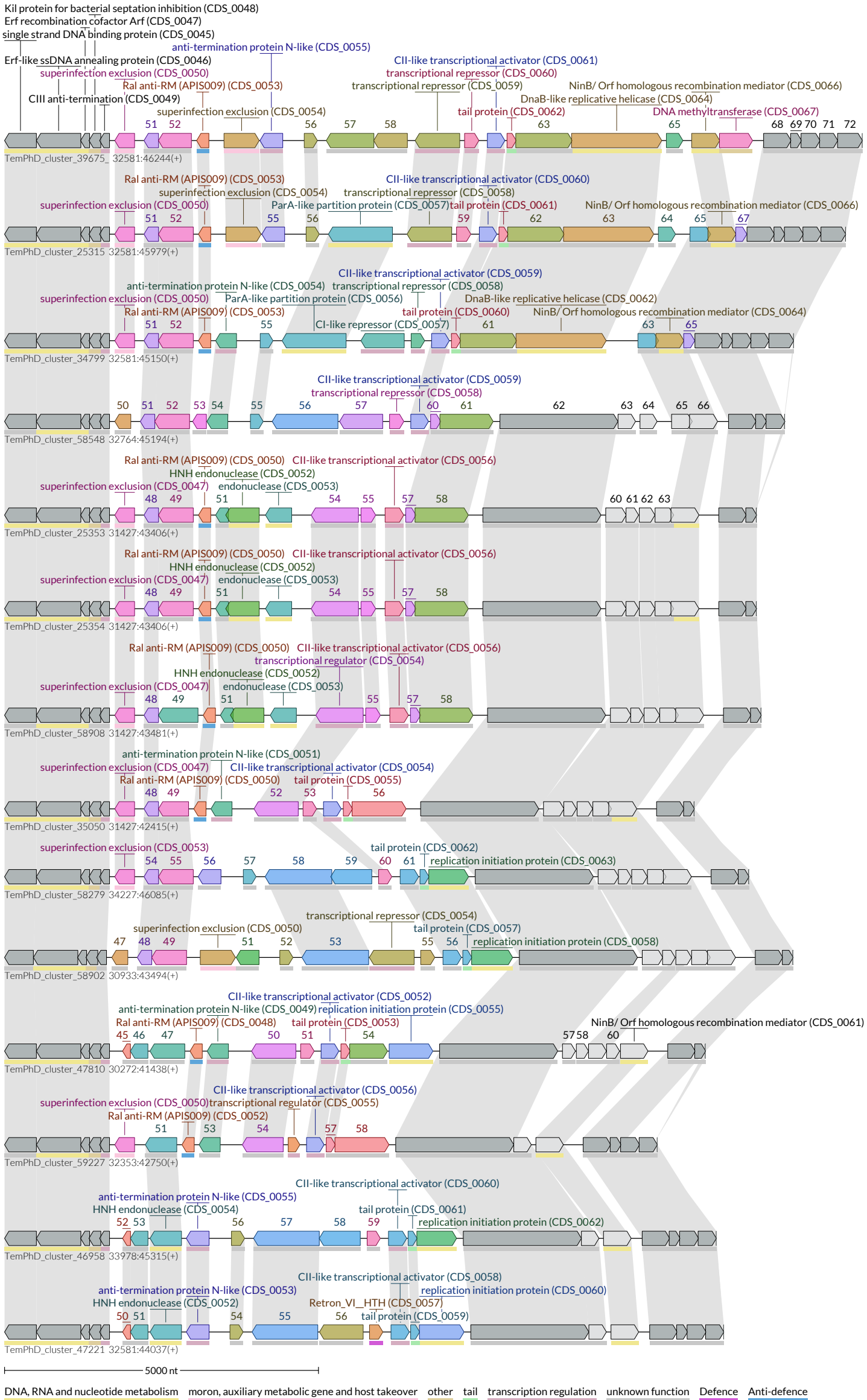
Kil protein for bacterial septation inhibition (CDS_0048)
Erf recombination cofactor Arf (CDS_0047)
single strand DNA binding protein (CDS_0045)
Erf-like ssDNA annealing protein (CDS_0046)
anti-termination protein N-like (CDS_0055)
superinfection exclusion (CDS_0050)
Ral anti-RM (APIS009) (CDS_0053)
CIII anti-termination (CDS_0049)
superinfection exclusion (CDS_0054)
CII-like transcriptional activator (CDS_0061)
transcriptional repressor (CDS_0060)
transcriptional repressor (CDS_0059)
NinB/ Orf homologous recombination mediator (CDS_0066)
DnaB-like replicative helicase (CDS_0064)
tail protein (CDS_0062)
DNA methyltransferase (CDS_0067)
TemPhD_cluster_39675_ 32581:46244(+)
Ral anti-RM (APIS009) (CDS_0053)
superinfection exclusion (CDS_0054)
CII-like transcriptional activator (CDS_0060)
transcriptional repressor (CDS_0058)
superinfection exclusion (CDS_0050)
ParA-like partition protein (CDS_0057)
tail protein (CDS_0061)
NinB/ Orf homologous recombination mediator (CDS_0066)
TemPhD_cluster_25315 32581:45979(+)
CII-like transcriptional activator (CDS_0059)
anti-termination protein N-like (CDS_0054)
transcriptional repressor (CDS_0058)
superinfection exclusion (CDS_0050)
ParA-like partition protein (CDS_0056)
DnaB-like replicative helicase (CDS_0062)
Ral anti-RM (APIS009) (CDS_0053)
tail protein (CDS_0060)
NinB/ Orf homologous recombination mediator (CDS_0064)
CI-like repressor (CDS_0057)
TemPhD_cluster_34799 32581:45150(+)
CII-like transcriptional activator (CDS_0059)
transcriptional repressor (CDS_0058)
TemPhD_cluster_58548 32764:45194(+)
Ral anti-RM (APIS009) (CDS_0050)
CII-like transcriptional activator (CDS_0056)
HNH endonuclease (CDS_0052)
superinfection exclusion (CDS_0047)
endonuclease (CDS_0053)
TemPhD_cluster_25353 31427:43406(+)
Ral anti-RM (APIS009) (CDS_0050)
CII-like transcriptional activator (CDS_0056)
HNH endonuclease (CDS_0052)
superinfection exclusion (CDS_0047)
endonuclease (CDS_0053)
TemPhD_cluster_25354 31427:43406(+)
Ral anti-RM (APIS009) (CDS_0050)
CII-like transcriptional activator (CDS_0056)
transcriptional regulator (CDS_0054)
HNH endonuclease (CDS_0052)
superinfection exclusion (CDS_0047)
endonuclease (CDS_0053)
TemPhD_cluster_58908 31427:43481(+)
anti-termination protein N-like (CDS_0051)
superinfection exclusion (CDS_0047)
CII-like transcriptional activator (CDS_0054)
Ral anti-RM (APIS009) (CDS_0050)
tail protein (CDS_0055)
TemPhD_cluster_35050 31427:42415(+)
superinfection exclusion (CDS_0053)
tail protein (CDS_0062)
replication initiation protein (CDS_0063)
TemPhD_cluster_58279 34227:46085(+)
transcriptional repressor (CDS_0054)
superinfection exclusion (CDS_0050)
tail protein (CDS_0057)
replication initiation protein (CDS_0058)
TemPhD_cluster_58902 30933:43494(+)
CII-like transcriptional activator (CDS_0052)
anti-termination protein N-like (CDS_0049)
replication initiation protein (CDS_0055)
Ral anti-RM (APIS009) (CDS_0048)
tail protein (CDS_0053)
NinB/ Orf homologous recombination mediator (CDS_0061)
TemPhD_cluster_47810 30272:41438(+)
CII-like transcriptional activator (CDS_0056)
superinfection exclusion (CDS_0050)
transcriptional regulator (CDS_0055)
Ral anti-RM (APIS009) (CDS_0052)
TemPhD_cluster_59227 32353:42750(+)
CII-like transcriptional activator (CDS_0060)
anti-termination protein N-like (CDS_0055)
HNH endonuclease (CDS_0054)
tail protein (CDS_0061)
replication initiation protein (CDS_0062)
TemPhD_cluster_46958 33978:45315(+)
CII-like transcriptional activator (CDS_0058)
anti-termination protein N-like (CDS_0053)
replication initiation protein (CDS_0060)
HNH endonuclease (CDS_0052)
Retron_VI__HTH (CDS_0057)
tail protein (CDS_0059)
TemPhD_cluster_47221 32581:44037(+)
5000 nt
DNA, RNA and nucleotide metabolism
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence
Anti-defence