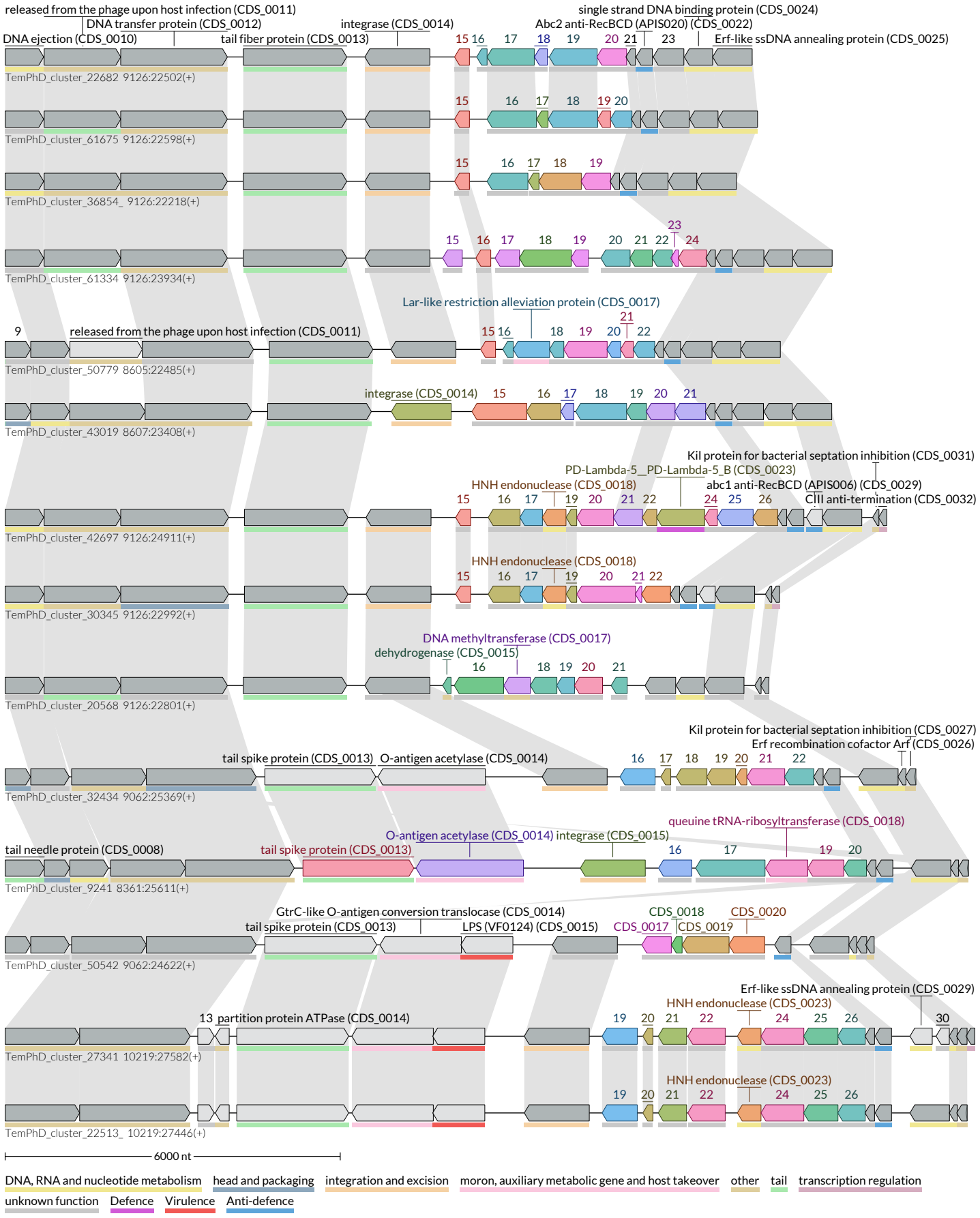
released from the phage upon host infection (CDS_0011)
DNA transfer protein (CDS_0012)
DNA ejection (CDS_0010)
tail fiber protein (CDS_0013)
integrase (CDS_0014)
single strand DNA binding protein (CDS_0024)
Abc2 anti-RecBCD (APIS020) (CDS_0022)
Erf-like ssDNA annealing protein (CDS_0025)
TemPhD_cluster_22682 9126:22502(+)
TemPhD_cluster_61675 9126:22598(+)
TemPhD_cluster_36854_ 9126:22218(+)
TemPhD_cluster_61334 9126:23934(+)
Lar-like restriction alleviation protein (CDS_0017)
released from the phage upon host infection (CDS_0011)
TemPhD_cluster_50779 8605:22485(+)
integrase (CDS_0014)
TemPhD_cluster_43019 8607:23408(+)
Kil protein for bacterial septation inhibition (CDS_0031)
PD-Lambda-5__PD-Lambda-5_B (CDS_0023)
HNH endonuclease (CDS_0018)
abc1 anti-RecBCD (APIS006) (CDS_0029)
CIII anti-termination (CDS_0032)
TemPhD_cluster_42697 9126:24911(+)
HNH endonuclease (CDS_0018)
TemPhD_cluster_30345 9126:22992(+)
DNA methyltransferase (CDS_0017)
dehydrogenase (CDS_0015)
TemPhD_cluster_20568 9126:22801(+)
Kil protein for bacterial septation inhibition (CDS_0027)
Erf recombination cofactor Arf (CDS_0026)
tail spike protein (CDS_0013)
O-antigen acetylase (CDS_0014)
TemPhD_cluster_32434 9062:25369(+)
queuine tRNA-ribosyltransferase (CDS_0018)
O-antigen acetylase (CDS_0014)
integrase (CDS_0015)
tail needle protein (CDS_0008)
tail spike protein (CDS_0013)
TemPhD_cluster_9241 8361:25611(+)
GtrC-like O-antigen conversion translocase (CDS_0014)
tail spike protein (CDS_0013)
LPS (VF0124) (CDS_0015)
CDS_0018
CDS_0020
CDS_0017
CDS_0019
TemPhD_cluster_50542 9062:24622(+)
Erf-like ssDNA annealing protein (CDS_0029)
HNH endonuclease (CDS_0023)
13_partition protein ATPase (CDS_0014)
TemPhD_cluster_27341 10219:27582(+)
HNH endonuclease (CDS_0023)
TemPhD_cluster_22513_ 10219:27446(+)
6000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence
Virulence
Anti-defence