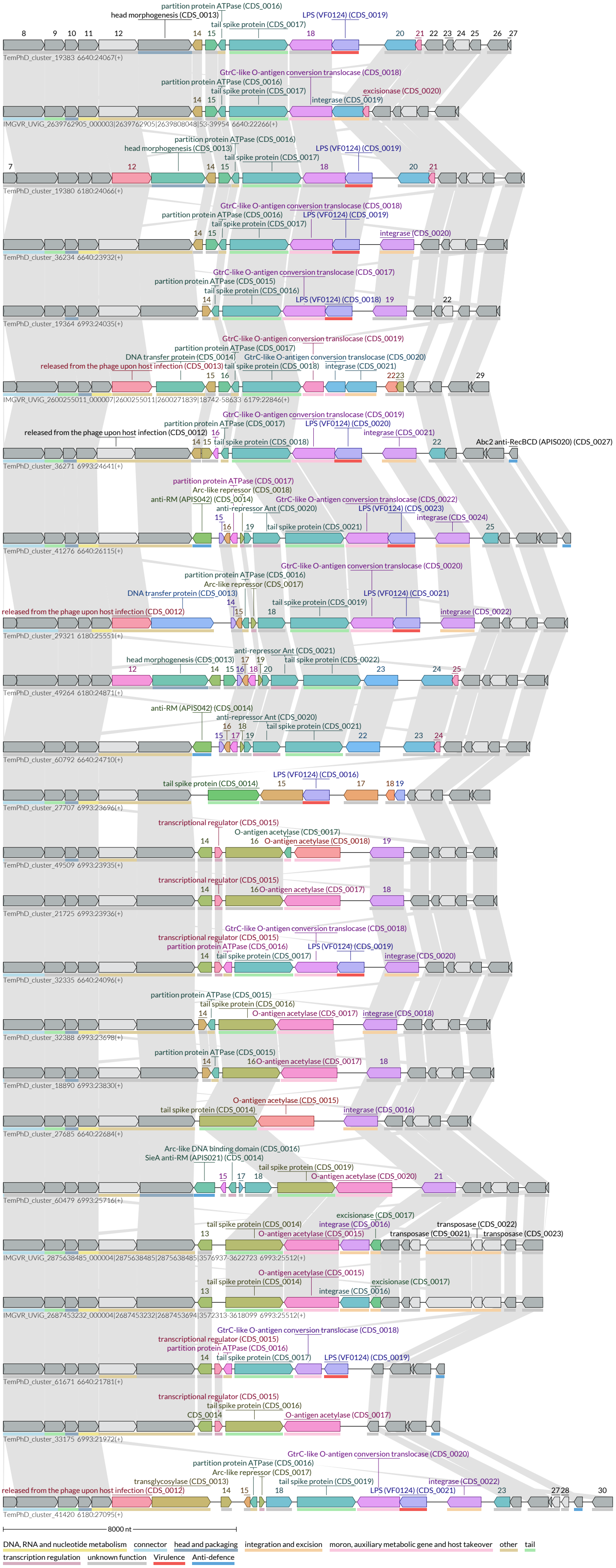
partition protein ATPase (CDS_0016)
head morphogenesis (CDS_0013)
tail spike protein (CDS_0017)
LPS (VF0124) (CDS_0019)
TemPhD_cluster_19383 6640:24067(+)
GtrC-like O-antigen conversion translocase (CDS_0018)
partition protein ATPase (CDS_0016)
tail spike protein (CDS_0017)
excisionase (CDS_0020)
integrase (CDS_0019)
IMGVR_UViG_2639762905_000003|2639762905|2639808048|53-39954 6640:22266(+)
partition protein ATPase (CDS_0016)
head morphogenesis (CDS_0013)
tail spike protein (CDS_0017)
LPS (VF0124) (CDS_0019)
TemPhD_cluster_19380 6180:24066(+)
GtrC-like O-antigen conversion translocase (CDS_0018)
partition protein ATPase (CDS_0016)
LPS (VF0124) (CDS_0019)
tail spike protein (CDS_0017)
integrase (CDS_0020)
TemPhD_cluster_36234 6640:23932(+)
GtrC-like O-antigen conversion translocase (CDS_0017)
partition protein ATPase (CDS_0015)
tail spike protein (CDS_0016)
LPS (VF0124) (CDS_0018)
TemPhD_cluster_19364 6993:24035(+)
GtrC-like O-antigen conversion translocase (CDS_0019)
partition protein ATPase (CDS_0017)
DNA transfer protein (CDS_0014)
GtrC-like O-antigen conversion translocase (CDS_0020)
released from the phage upon host infection (CDS_0013)
tail spike protein (CDS_0018)
integrase (CDS_0021)
IMGVR_UViG_2600255011_000007|2600255011|2600271839|18742-58633 6179:22846(+)
GtrC-like O-antigen conversion translocase (CDS_0019)
partition protein ATPase (CDS_0017)
LPS (VF0124) (CDS_0020)
released from the phage upon host infection (CDS_0012)
integrase (CDS_0021)
tail spike protein (CDS_0018)
Abc2 anti-RecBCD (APIS020) (CDS_0027)
TemPhD_cluster_36271 6993:24641(+)
partition protein ATPase (CDS_0017)
Arc-like repressor (CDS_0018)
anti-RM (APIS042) (CDS_0014)
GtrC-like O-antigen conversion translocase (CDS_0022)
anti-repressor Ant (CDS_0020)
LPS (VF0124) (CDS_0023)
integrase (CDS_0024)
tail spike protein (CDS_0021)
TemPhD_cluster_41276 6640:26115(+)
GtrC-like O-antigen conversion translocase (CDS_0020)
partition protein ATPase (CDS_0016)
Arc-like repressor (CDS_0017)
DNA transfer protein (CDS_0013)
LPS (VF0124) (CDS_0021)
tail spike protein (CDS_0019)
released from the phage upon host infection (CDS_0012)
integrase (CDS_0022)
TemPhD_cluster_29321 6180:25551(+)
anti-repressor Ant (CDS_0021)
head morphogenesis (CDS_0013)
tail spike protein (CDS_0022)
TemPhD_cluster_49264 6180:24871(+)
anti-RM (APIS042) (CDS_0014)
anti-repressor Ant (CDS_0020)
tail spike protein (CDS_0021)
TemPhD_cluster_60792 6640:24710(+)
LPS (VF0124) (CDS_0016)
tail spike protein (CDS_0014)
TemPhD_cluster_27707 6993:23696(+)
transcriptional regulator (CDS_0015)
O-antigen acetylase (CDS_0017)
O-antigen acetylase (CDS_0018)
TemPhD_cluster_49509 6993:23935(+)
transcriptional regulator (CDS_0015)
O-antigen acetylase (CDS_0017)
TemPhD_cluster_21725 6993:23936(+)
GtrC-like O-antigen conversion translocase (CDS_0018)
transcriptional regulator (CDS_0015)
partition protein ATPase (CDS_0016)
LPS (VF0124) (CDS_0019)
tail spike protein (CDS_0017)
integrase (CDS_0020)
TemPhD_cluster_32335 6640:24096(+)
partition protein ATPase (CDS_0015)
tail spike protein (CDS_0016)
O-antigen acetylase (CDS_0017)
integrase (CDS_0018)
TemPhD_cluster_32388 6993:23698(+)
partition protein ATPase (CDS_0015)
O-antigen acetylase (CDS_0017)
TemPhD_cluster_18890 6993:23830(+)
O-antigen acetylase (CDS_0015)
tail spike protein (CDS_0014)
integrase (CDS_0016)
TemPhD_cluster_27685 6640:22684(+)
Arc-like DNA binding domain (CDS_0016)
SieA anti-RM (APIS021) (CDS_0014)
tail spike protein (CDS_0019)
O-antigen acetylase (CDS_0020)
TemPhD_cluster_60479 6993:25716(+)
excisionase (CDS_0017)
tail spike protein (CDS_0014)
integrase (CDS_0016)
transposase (CDS_0022)
O-antigen acetylase (CDS_0015)
transposase (CDS_0021)
transposase (CDS_0023)
IMGVR_UViG_2875638485_000004|2875638485|2875638485|3576937-3622723 6993:25512(+)
O-antigen acetylase (CDS_0015)
tail spike protein (CDS_0014)
excisionase (CDS_0017)
integrase (CDS_0016)
IMGVR_UViG_2687453232_000004|2687453232|2687453694|3572313-3618099 6993:25512(+)
GtrC-like O-antigen conversion translocase (CDS_0018)
transcriptional regulator (CDS_0015)
partition protein ATPase (CDS_0016)
tail spike protein (CDS_0017)
LPS (VF0124) (CDS_0019)
TemPhD_cluster_61671 6640:21781(+)
transcriptional regulator (CDS_0015)
tail spike protein (CDS_0016)
CDS_0014
O-antigen acetylase (CDS_0017)
TemPhD_cluster_33175 6993:21972(+)
GtrC-like O-antigen conversion translocase (CDS_0020)
partition protein ATPase (CDS_0016)
Arc-like repressor (CDS_0017)
transglycosylase (CDS_0013)
tail spike protein (CDS_0019)
integrase (CDS_0022)
released from the phage upon host infection (CDS_0012)
LPS (VF0124) (CDS_0021)
TemPhD_cluster_41420 6180:27095(+)
8000 nt
DNA, RNA and nucleotide metabolism
connector
head and packaging
integration and excision
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Virulence
Anti-defence