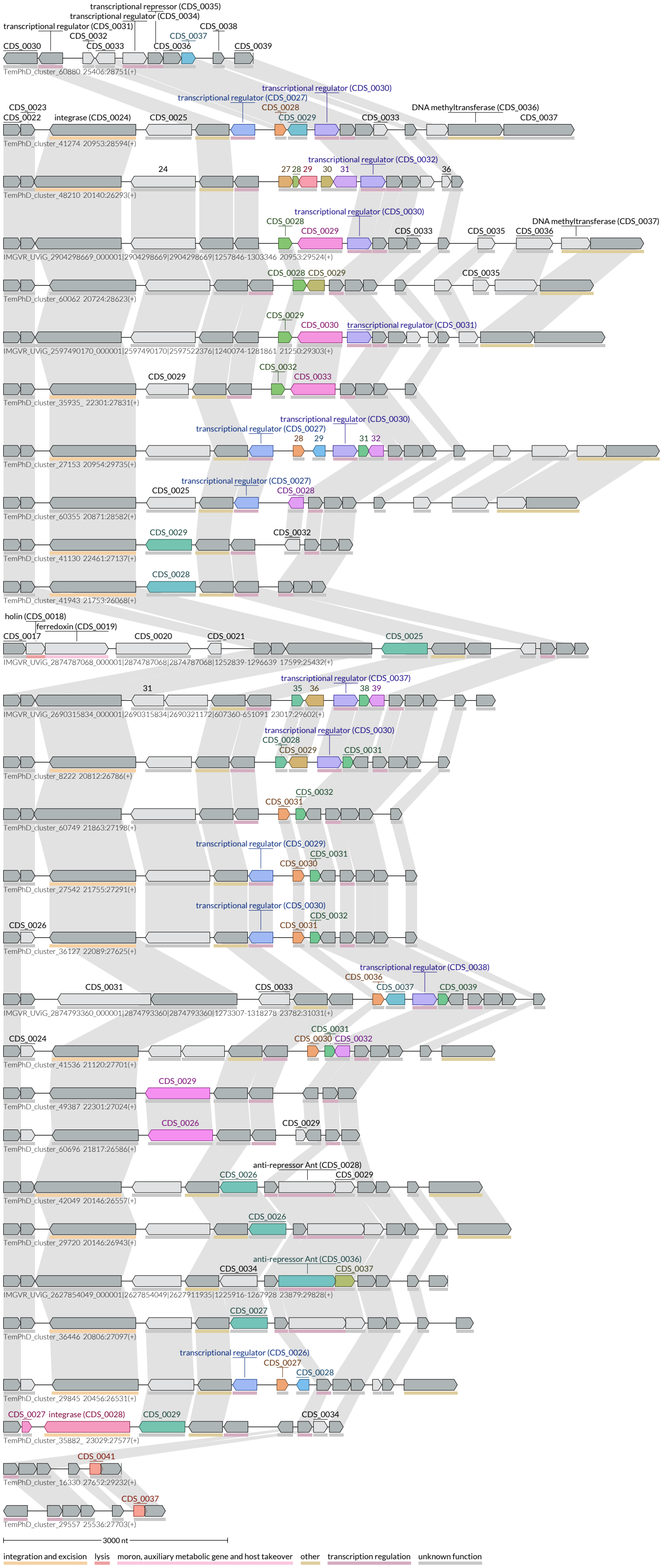
transcriptional repressor (CDS_0035)
transcriptional regulator (CDS_0034)
transcriptional regulator (CDS_0031)
CDS_0032
CDS_0038
CDS_0037
CDS_0030
CDS_0033
CDS_0036
CDS_0039
TemPhD_cluster_60880 25406:28751(+)
transcriptional regulator (CDS_0030)
transcriptional regulator (CDS_0027)
CDS_0028
CDS_0023
CDS_0022
integrase (CDS_0024)
CDS_0025
CDS_0029
CDS_0033
DNA methyltransferase (CDS_0036)
CDS_0037
TemPhD_cluster_41274 20953:28594(+)
transcriptional regulator (CDS_0032)
24
27 28 29
30
31
36
TemPhD_cluster_48210 20140:26293(+)
transcriptional regulator (CDS_0030)
CDS_0028
CDS_0029
CDS_0033
CDS_0035
CDS_0036
DNA methyltransferase (CDS_0037)
IMGVR_UViG_2904298669_000001|2904298669|2904298669|1257846-1303346 20953:29524(+)
CDS_0028 CDS_0029
CDS_0035
TemPhD_cluster_60062 20724:28623(+)
CDS_0029
CDS_0030
transcriptional regulator (CDS_0031)
IMGVR_UViG_2597490170_000001|2597490170|2597522376|1240074-1281861 21250:29303(+)
CDS_0032
CDS_0029
CDS_0033
TemPhD_cluster_35935_ 22301:27831(+)
transcriptional regulator (CDS_0030)
transcriptional regulator (CDS_0027)
28
29
31 32
TemPhD_cluster_27153 20954:29735(+)
transcriptional regulator (CDS_0027)
CDS_0025
CDS_0028
TemPhD_cluster_60355 20871:28582(+)
CDS_0029
CDS_0032
TemPhD_cluster_41130 22461:27137(+)
CDS_0028
TemPhD_cluster_41943 21753:26068(+)
holin (CDS_0018)
ferredoxin (CDS_0019)
CDS_0017
CDS_0020
CDS_0021
CDS_0025
IMGVR_UViG_2874787068_000001|2874787068|2874787068|1252839-1296639 17599:25432(+)
transcriptional regulator (CDS_0037)
31
35 36
38 39
IMGVR_UViG_2690315834_000001|2690315834|2690321172|607360-651091 23017:29602(+)
transcriptional regulator (CDS_0030)
CDS_0028
CDS_0029
CDS_0031
TemPhD_cluster_8222 20812:26786(+)
CDS_0032
CDS_0031
TemPhD_cluster_60749 21863:27198(+)
transcriptional regulator (CDS_0029)
CDS_0031
CDS_0030
TemPhD_cluster_27542 21755:27291(+)
transcriptional regulator (CDS_0030)
CDS_0032
CDS_0026
CDS_0031
TemPhD_cluster_36127 22089:27625(+)
transcriptional regulator (CDS_0038)
CDS_0036
CDS_0031
CDS_0033
CDS_0037
CDS_0039
IMGVR_UViG_2874793360_000001|2874793360|2874793360|1273307-1318278 23782:31031(+)
CDS_0031
CDS_0024
CDS_0030 CDS_0032
TemPhD_cluster_41536 21120:27701(+)
CDS_0029
TemPhD_cluster_49387 22301:27024(+)
CDS_0026
CDS_0029
TemPhD_cluster_60696 21817:26586(+)
anti-repressor Ant (CDS_0028)
CDS_0026
CDS_0029
TemPhD_cluster_42049 20146:26557(+)
CDS_0026
TemPhD_cluster_29720 20146:26943(+)
anti-repressor Ant (CDS_0036)
CDS_0034
CDS_0037
IMGVR_UViG_2627854049_000001|2627854049|2627911935|1225916-1267928 23879:29828(+)
CDS_0027
TemPhD_cluster_36446 20806:27097(+)
transcriptional regulator (CDS_0026)
CDS_0027
CDS_0028
TemPhD_cluster_29845 20456:26531(+)
CDS_0027 integrase (CDS_0028)
CDS_0029
CDS_0034
TemPhD_cluster_35882_ 23029:27577(+)
CDS_0041
TemPhD_cluster_16330 27652:29232(+)
CDS_0037
TemPhD_cluster_29557 25536:27703(+)
3000 nt
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
transcription regulation
unknown function