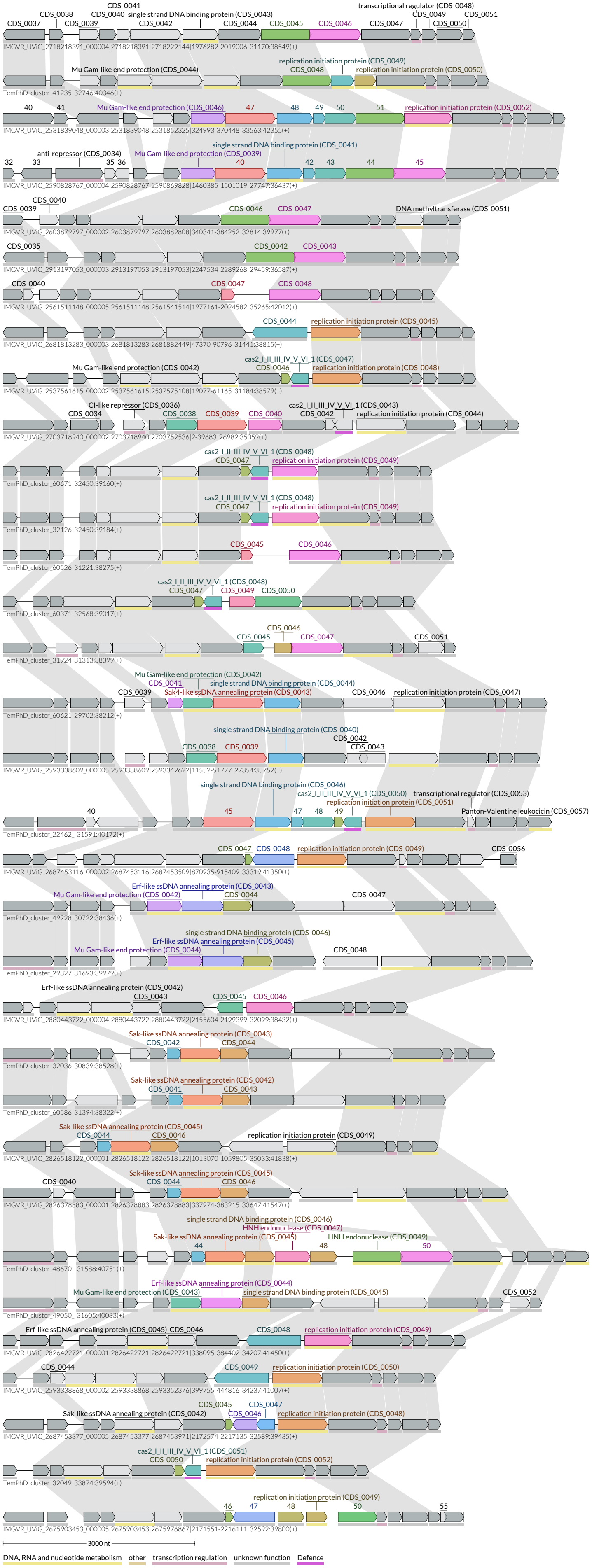
CDS_0041
CDS_0038
CDS_0040
single strand DNA binding protein (CDS_0043)
transcriptional regulator (CDS_0048)
CDS_0049
CDS_0051
CDS_0037
CDS_0039
CDS_0042
CDS_0044
CDS_0045
CDS_0046
CDS_0047
CDS_0050
IMGVR_UViG_2718218391_000004|2718218391|2718229144|1976282-2019006 31170:38549(+)
replication initiation protein (CDS_0049)
Mu Gam-like end protection (CDS_0044)
CDS_0048
replication initiation protein (CDS_0050)
TemPhD_cluster_41235 32746:40346(+)
40
41
Mu Gam-like end protection (CDS_0046)
47
48
49
50
51
replication initiation protein (CDS_0052)
IMGVR_UViG_2531839048_000003|2531839048|2531852325|324993-370448 33563:42355(+)
single strand DNA binding protein (CDS_0041)
anti-repressor (CDS_0034)
Mu Gam-like end protection (CDS_0039)
32
33
35
36
40
42
43
44
45
IMGVR_UViG_2590828767_000004|2590828767|2590869828|1460385-1501019 27747:36437(+)
CDS_0040
CDS_0039
CDS_0046
CDS_0047
DNA methyltransferase (CDS_0051)
IMGVR_UViG_2603879797_000002|2603879797|2603889808|340341-384252 32814:39977(+)
CDS_0035
CDS_0042
CDS_0043
IMGVR_UViG_2913197053_000003|2913197053|2913197053|2247534-2289268 29459:36587(+)
CDS_0040
CDS_0047
CDS_0048
IMGVR_UViG_2561511148_000005|2561511148|2561541514|1977161-2024582 35265:42012(+)
CDS_0044
replication initiation protein (CDS_0045)
IMGVR_UViG_2681813283_000003|2681813283|2681882449|47370-90796 31441:38815(+)
cas2_I_II_III_IV_V_VI_1 (CDS_0047)
Mu Gam-like end protection (CDS_0042)
CDS_0046
replication initiation protein (CDS_0048)
IMGVR_UViG_2537561615_000002|2537561615|2537575108|19077-61165 31184:38579(+)
CI-like repressor (CDS_0036)
cas2_I_II_III_IV_V_VI_1 (CDS_0043)
CDS_0034
CDS_0038
CDS_0039
CDS_0040
CDS_0042
replication initiation protein (CDS_0044)
IMGVR_UViG_2703718940_000002|2703718940|2703752536|2-39683 26982:35059(+)
cas2_I_II_III_IV_V_VI_1 (CDS_0048)
CDS_0047
replication initiation protein (CDS_0049)
TemPhD_cluster_60671 32450:39160(+)
cas2_I_II_III_IV_V_VI_1 (CDS_0048)
CDS_0047
replication initiation protein (CDS_0049)
TemPhD_cluster_32126 32450:39184(+)
CDS_0045
CDS_0046
TemPhD_cluster_60526 31221:38275(+)
cas2_I_II_III_IV_V_VI_1 (CDS_0048)
CDS_0047
CDS_0049
CDS_0050
TemPhD_cluster_60371 32568:39017(+)
CDS_0046
CDS_0045
CDS_0047
CDS_0051
TemPhD_cluster_31924 31313:38399(+)
Mu Gam-like end protection (CDS_0042)
CDS_0041
single strand DNA binding protein (CDS_0044)
CDS_0039
Sak4-like ssDNA annealing protein (CDS_0043)
CDS_0046
replication initiation protein (CDS_0047)
TemPhD_cluster_60621 29702:38212(+)
single strand DNA binding protein (CDS_0040)
CDS_0042
CDS_0038
CDS_0039
CDS_0043
IMGVR_UViG_2593338609_000005|2593338609|2593342622|11552-51777 27354:35752(+)
single strand DNA binding protein (CDS_0046)
cas2_I_II_III_IV_V_VI_1 (CDS_0050)
transcriptional regulator (CDS_0053)
replication initiation protein (CDS_0051)
40
45
47
48
49
Panton-Valentine leukocicin (CDS_0057)
TemPhD_cluster_22462_ 31591:40172(+)
CDS_0047
CDS_0048
replication initiation protein (CDS_0049)
CDS_0056
IMGVR_UViG_2687453116_000002|2687453116|2687453509|870935-915409 33319:41350(+)
Erf-like ssDNA annealing protein (CDS_0043)
Mu Gam-like end protection (CDS_0042)
CDS_0044
CDS_0047
TemPhD_cluster_49228 30722:38436(+)
single strand DNA binding protein (CDS_0046)
Erf-like ssDNA annealing protein (CDS_0045)
Mu Gam-like end protection (CDS_0044)
CDS_0048
TemPhD_cluster_29327 31693:39979(+)
Erf-like ssDNA annealing protein (CDS_0042)
CDS_0043
CDS_0045
CDS_0046
IMGVR_UViG_2880443722_000004|2880443722|2880443722|2155634-2199399 32099:38432(+)
Sak-like ssDNA annealing protein (CDS_0043)
CDS_0042
CDS_0044
TemPhD_cluster_32036 30839:38528(+)
Sak-like ssDNA annealing protein (CDS_0042)
CDS_0041
CDS_0043
TemPhD_cluster_60586 31394:38322(+)
Sak-like ssDNA annealing protein (CDS_0045)
CDS_0044
CDS_0046
replication initiation protein (CDS_0049)
IMGVR_UViG_2826518122_000001|2826518122|2826518122|1013070-1059805 35033:41838(+)
Sak-like ssDNA annealing protein (CDS_0045)
CDS_0040
CDS_0044
CDS_0046
IMGVR_UViG_2826378883_000001|2826378883|2826378883|337974-383215 33647:41547(+)
single strand DNA binding protein (CDS_0046)
HNH endonuclease (CDS_0047)
Sak-like ssDNA annealing protein (CDS_0045)
HNH endonuclease (CDS_0049)
44
48
50
TemPhD_cluster_48670_ 31588:40751(+)
Erf-like ssDNA annealing protein (CDS_0044)
Mu Gam-like end protection (CDS_0043)
single strand DNA binding protein (CDS_0045)
CDS_0052
TemPhD_cluster_49050_ 31605:40033(+)
Erf-like ssDNA annealing protein (CDS_0045)
CDS_0046
CDS_0048
replication initiation protein (CDS_0049)
IMGVR_UViG_2826422721_000001|2826422721|2826422721|338095-384402 34207:41450(+)
CDS_0044
CDS_0049
replication initiation protein (CDS_0050)
IMGVR_UViG_2593338868_000002|2593338868|2593352376|399755-444816 34237:41007(+)
CDS_0045
CDS_0047
Sak-like ssDNA annealing protein (CDS_0042)
CDS_0046
replication initiation protein (CDS_0048)
IMGVR_UViG_2687453377_000005|2687453377|2687453971|2172574-2217135 32589:39435(+)
cas2_I_II_III_IV_V_VI_1 (CDS_0051)
CDS_0050
replication initiation protein (CDS_0052)
TemPhD_cluster_32049 33874:39594(+)
replication initiation protein (CDS_0049)
46
47
48
50
55
IMGVR_UViG_2675903453_000005|2675903453|2675976867|2171551-2216111 32592:39800(+)
3000 nt
DNA, RNA and nucleotide metabolism
other
transcription regulation
unknown function
Defence