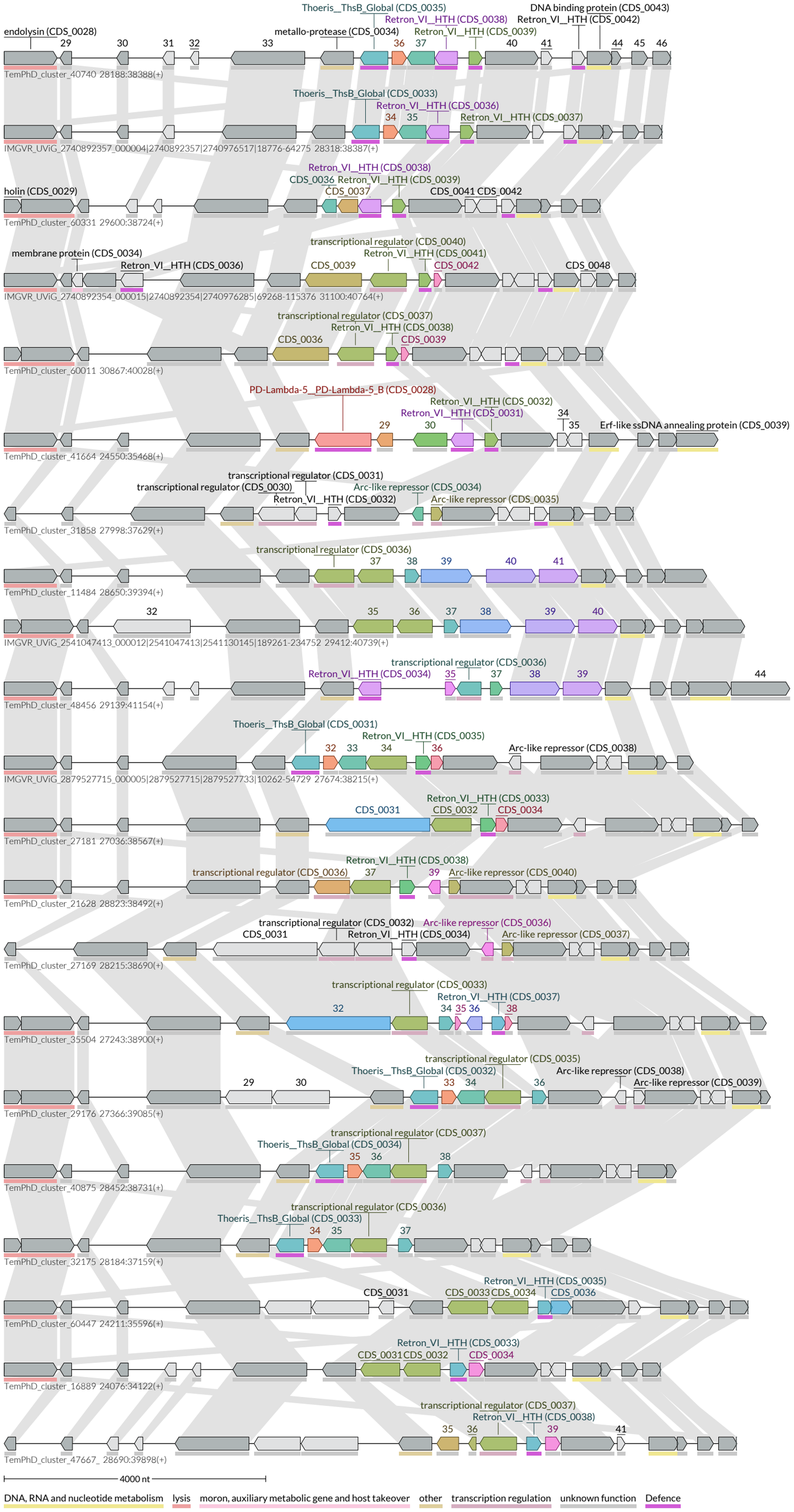
Thoeris__ThsB_Global (CDS_0035)
Retron_VI__HTH (CDS_0038)
DNA binding protein (CDS_0043)
Retron_VI__HTH (CDS_0042)
endolysin (CDS_0028)
metallo-protease (CDS_0034)
Retron_VI__HTH (CDS_0039)
29
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31
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36
37
40
41
44
45
46
TemPhD_cluster_40740 28188:38388(+)
Thoeris__ThsB_Global (CDS_0033)
Retron_VI__HTH (CDS_0036)
34
35
Retron_VI__HTH (CDS_0037)
IMGVR_UViG_2740892357_000004|2740892357|2740976517|18776-64275 28318:38387(+)
Retron_VI__HTH (CDS_0038)
CDS_0036
Retron_VI__HTH (CDS_0039)
holin (CDS_0029)
CDS_0037
CDS_0041
CDS_0042
TemPhD_cluster_60331 29600:38724(+)
transcriptional regulator (CDS_0040)
membrane protein (CDS_0034)
Retron_VI__HTH (CDS_0041)
Retron_VI__HTH (CDS_0036)
CDS_0039
CDS_0042
CDS_0048
IMGVR_UViG_2740892354_000015|2740892354|2740976285|69268-115376 31100:40764(+)
transcriptional regulator (CDS_0037)
Retron_VI__HTH (CDS_0038)
CDS_0036
CDS_0039
TemPhD_cluster_60011 30867:40028(+)
PD-Lambda-5__PD-Lambda-5_B (CDS_0028)
Retron_VI__HTH (CDS_0032)
Retron_VI__HTH (CDS_0031)
34
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Erf-like ssDNA annealing protein (CDS_0039)
TemPhD_cluster_41664 24550:35468(+)
transcriptional regulator (CDS_0031)
transcriptional regulator (CDS_0030)
Arc-like repressor (CDS_0034)
Retron_VI__HTH (CDS_0032)
Arc-like repressor (CDS_0035)
TemPhD_cluster_31858 27998:37629(+)
transcriptional regulator (CDS_0036)
37
38
39
40
41
TemPhD_cluster_11484 28650:39394(+)
32
35
36
37
38
39
40
IMGVR_UViG_2541047413_000012|2541047413|2541130145|189261-234752 29412:40739(+)
transcriptional regulator (CDS_0036)
Retron_VI__HTH (CDS_0034)
35
37
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44
TemPhD_cluster_48456 29139:41154(+)
Thoeris__ThsB_Global (CDS_0031)
Retron_VI__HTH (CDS_0035)
32
33
34
36
Arc-like repressor (CDS_0038)
IMGVR_UViG_2879527715_000005|2879527715|2879527733|10262-54729 27674:38215(+)
Retron_VI__HTH (CDS_0033)
CDS_0031
CDS_0032
CDS_0034
TemPhD_cluster_27181 27036:38567(+)
Retron_VI__HTH (CDS_0038)
transcriptional regulator (CDS_0036)
37
39
Arc-like repressor (CDS_0040)
TemPhD_cluster_21628 28823:38492(+)
transcriptional regulator (CDS_0032)
Arc-like repressor (CDS_0036)
CDS_0031
Retron_VI__HTH (CDS_0034)
Arc-like repressor (CDS_0037)
TemPhD_cluster_27169 28215:38690(+)
transcriptional regulator (CDS_0033)
Retron_VI__HTH (CDS_0037)
32
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TemPhD_cluster_35504 27243:38900(+)
transcriptional regulator (CDS_0035)
Thoeris__ThsB_Global (CDS_0032)
Arc-like repressor (CDS_0038)
29
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Arc-like repressor (CDS_0039)
TemPhD_cluster_29176 27366:39085(+)
transcriptional regulator (CDS_0037)
Thoeris__ThsB_Global (CDS_0034)
35
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TemPhD_cluster_40875 28452:38731(+)
transcriptional regulator (CDS_0036)
Thoeris__ThsB_Global (CDS_0033)
34
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37
TemPhD_cluster_32175 28184:37159(+)
Retron_VI__HTH (CDS_0035)
CDS_0031
CDS_0033
CDS_0034
CDS_0036
TemPhD_cluster_60447 24211:35596(+)
Retron_VI__HTH (CDS_0033)
CDS_0031
CDS_0032
CDS_0034
TemPhD_cluster_16889 24076:34122(+)
transcriptional regulator (CDS_0037)
Retron_VI__HTH (CDS_0038)
35
36
39
41
TemPhD_cluster_47667_ 28690:39898(+)
4000 nt
DNA, RNA and nucleotide metabolism
lysis
moron, auxiliary metabolic gene and host takeover
other
transcription regulation
unknown function
Defence