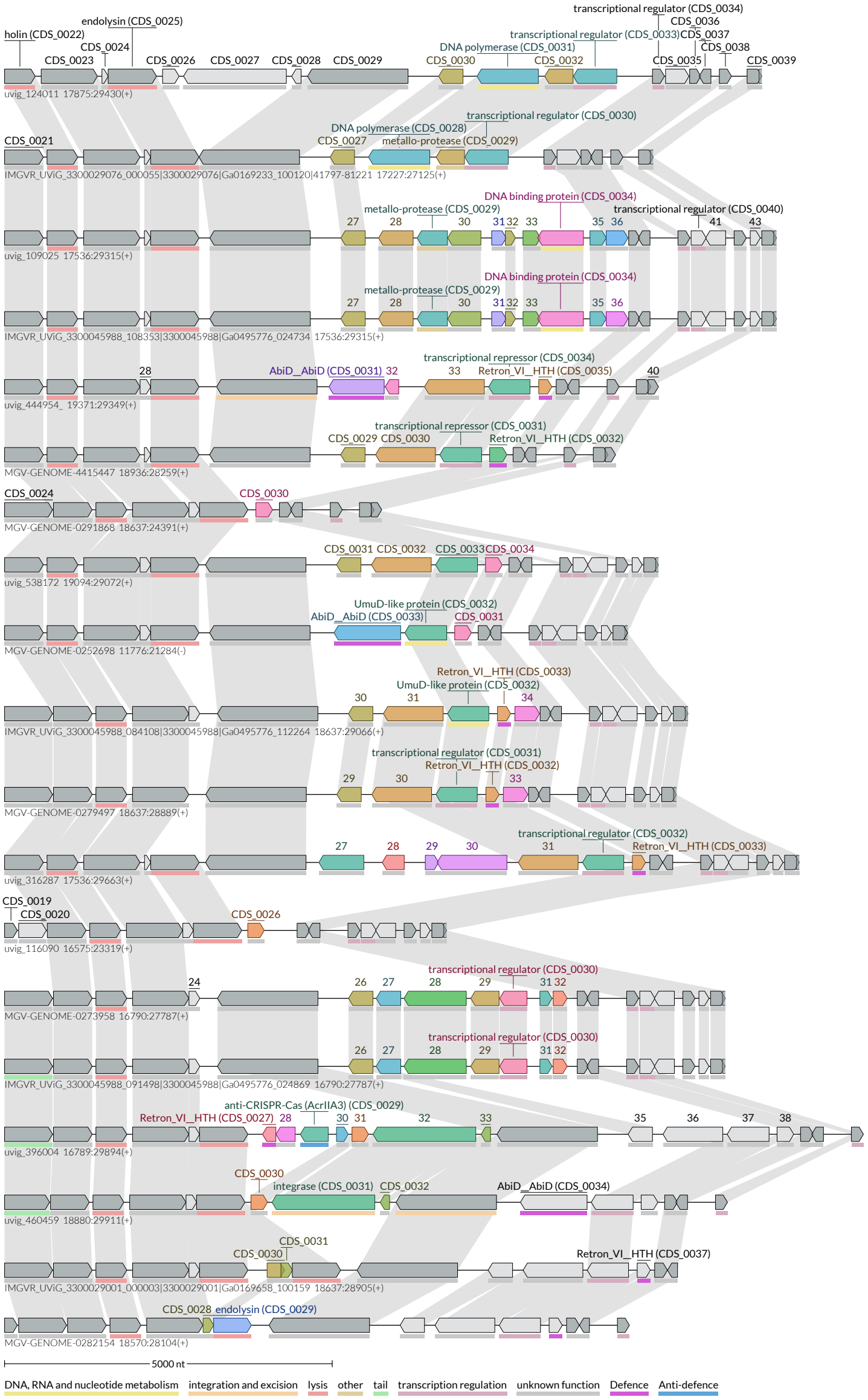
holin (CDS_0022)
endolysin (CDS_0025)
CDS_0024
CDS_0023
CDS_0026
CDS_0027
CDS_0028
CDS_0029
CDS_0030
DNA polymerase (CDS_0031)
CDS_0032
transcriptional regulator (CDS_0033)
transcriptional regulator (CDS_0034)
CDS_0036
CDS_0037
CDS_0038
CDS_0035
CDS_0039
uvig_124011 17875:29430(+)
CDS_0021
DNA polymerase (CDS_0028)
CDS_0027
metallo-protease (CDS_0029)
transcriptional regulator (CDS_0030)
IMGVR_UViG_3300029076_000055|3300029076|Ga0169233_100120|41797-81221 17227:27125(+)
metallo-protease (CDS_0029)
DNA binding protein (CDS_0034)
transcriptional regulator (CDS_0040)
27
28
30
31
32
33
35
36
41
43
uvig_109025 17536:29315(+)
metallo-protease (CDS_0029)
DNA binding protein (CDS_0034)
27
28
30
31
32
33
35
36
IMGVR_UViG_3300045988_108353|3300045988|Ga0495776_024734 17536:29315(+)
28
AbiD__AbiD (CDS_0031)
32
33
transcriptional repressor (CDS_0034)
Retron_VI__HTH (CDS_0035)
40
uvig_444954_ 19371:29349(+)
CDS_0029
CDS_0030
transcriptional repressor (CDS_0031)
Retron_VI__HTH (CDS_0032)
MGV-GENOME-4415447 18936:28259(+)
CDS_0024
CDS_0030
MGV-GENOME-0291868 18637:24391(+)
CDS_0031
CDS_0032
CDS_0033
CDS_0034
uvig_538172 19094:29072(+)
AbiD__AbiD (CDS_0033)
UmuD-like protein (CDS_0032)
CDS_0031
MGV-GENOME-0252698 11776:21284(-)
30
31
Retron_VI__HTH (CDS_0033)
UmuD-like protein (CDS_0032)
34
IMGVR_UViG_3300045988_084108|3300045988|Ga0495776_112264 18637:29066(+)
29
30
transcriptional regulator (CDS_0031)
Retron_VI__HTH (CDS_0032)
33
MGV-GENOME-0279497 18637:28889(+)
27
28
29
30
31
transcriptional regulator (CDS_0032)
Retron_VI__HTH (CDS_0033)
uvig_316287 17536:29663(+)
CDS_0019
CDS_0020
CDS_0026
uvig_116090 16575:23319(+)
24
26
27
28
29
31
32
transcriptional regulator (CDS_0030)
MGV-GENOME-0273958 16790:27787(+)
26
27
28
29
31
32
transcriptional regulator (CDS_0030)
IMGVR_UViG_3300045988_091498|3300045988|Ga0495776_024869 16790:27787(+)
Retron_VI__HTH (CDS_0027)
28
anti-CRISPR-Cas (AcrIIA3) (CDS_0029)
30
31
32
33
35
36
37
38
uvig_396004 16789:29894(+)
CDS_0030
integrase (CDS_0031)
CDS_0032
AbiD__AbiD (CDS_0034)
uvig_460459 18880:29911(+)
CDS_0031
CDS_0030
Retron_VI__HTH (CDS_0037)
IMGVR_UViG_3300029001_000003|3300029001|Ga0169658_100159 18637:28905(+)
CDS_0028
endolysin (CDS_0029)
MGV-GENOME-0282154 18570:28104(+)
5000 nt
DNA, RNA and nucleotide metabolism
integration and excision
lysis
other
tail
transcription regulation
unknown function
Defence
Anti-defence