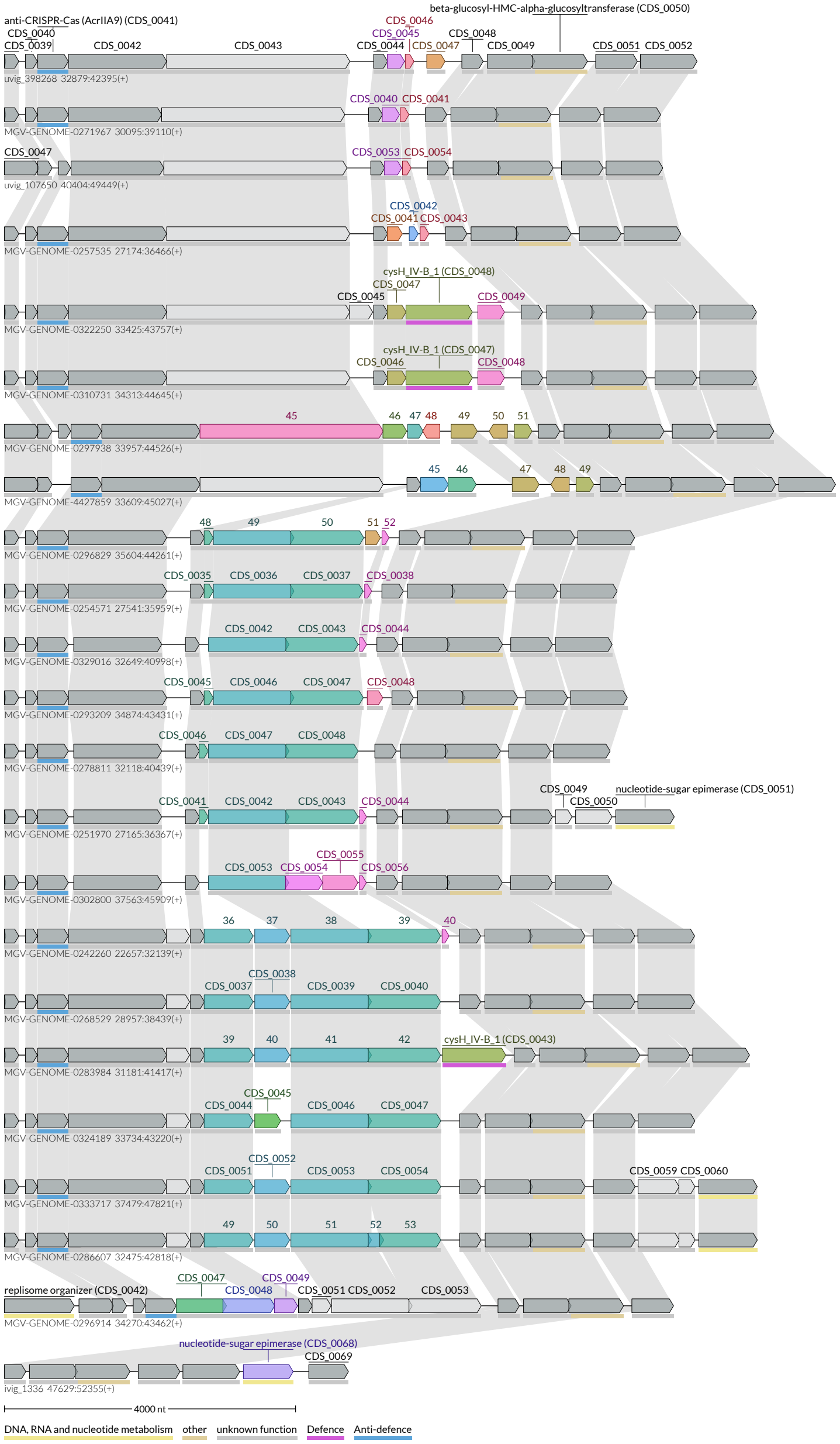
anti-CRISPR-Cas (AcrIIA9) (CDS_0041)
CDS_0040
CDS_0039
CDS_0042
CDS_0043
CDS_0046
CDS_0045
CDS_0044
CDS_0047
CDS_0048
CDS_0049
beta-glucosyl-HMC-alpha-glucosyltransferase (CDS_0050)
CDS_0051
CDS_0052
uvig_398268 32879:42395(+)
CDS_0040 CDS_0041
MGV-GENOME-0271967 30095:39110(+)
CDS_0047
CDS_0053 CDS_0054
uvig_107650 40404:49449(+)
CDS_0042
CDS_0041 CDS_0043
MGV-GENOME-0257535 27174:36466(+)
cysH_IV-B_1 (CDS_0048)
CDS_0047
CDS_0045
CDS_0049
MGV-GENOME-0322250 33425:43757(+)
cysH_IV-B_1 (CDS_0047)
CDS_0046
CDS_0048
MGV-GENOME-0310731 34313:44645(+)
45
46 47 48 49 50 51
MGV-GENOME-0297938 33957:44526(+)
45 46 47 48 49
MGV-GENOME-4427859 33609:45027(+)
48 49 50 51 52
MGV-GENOME-0296829 35604:44261(+)
CDS_0035 CDS_0036 CDS_0037 CDS_0038
MGV-GENOME-0254571 27541:35959(+)
CDS_0042 CDS_0043 CDS_0044
MGV-GENOME-0329016 32649:40998(+)
CDS_0045 CDS_0046 CDS_0047 CDS_0048
MGV-GENOME-0293209 34874:43431(+)
CDS_0046 CDS_0047 CDS_0048
MGV-GENOME-0278811 32118:40439(+)
CDS_0049
nucleotide-sugar epimerase (CDS_0051)
CDS_0050
CDS_0041 CDS_0042 CDS_0043 CDS_0044
MGV-GENOME-0251970 27165:36367(+)
CDS_0055
CDS_0053 CDS_0054 CDS_0056
MGV-GENOME-0302800 37563:45909(+)
36 37 38 39 40
MGV-GENOME-0242260 22657:32139(+)
CDS_0038
CDS_0037 CDS_0039 CDS_0040
MGV-GENOME-0268529 28957:38439(+)
39 40 41 42
cysH_IV-B_1 (CDS_0043)
MGV-GENOME-0283984 31181:41417(+)
CDS_0045
CDS_0044 CDS_0046 CDS_0047
MGV-GENOME-0324189 33734:43220(+)
CDS_0052
CDS_0051 CDS_0053 CDS_0054
CDS_0059 CDS_0060
MGV-GENOME-0333717 37479:47821(+)
49 50 51 52 53
MGV-GENOME-0286607 32475:42818(+)
CDS_0047
CDS_0049
replisome organizer (CDS_0042)
CDS_0048
CDS_0051 CDS_0052
CDS_0053
MGV-GENOME-0296914 34270:43462(+)
nucleotide-sugar epimerase (CDS_0068)
CDS_0069
ivig_1336 47629:52355(+)
4000 nt
DNA, RNA and nucleotide metabolism
other
unknown function
Defence
Anti-defence