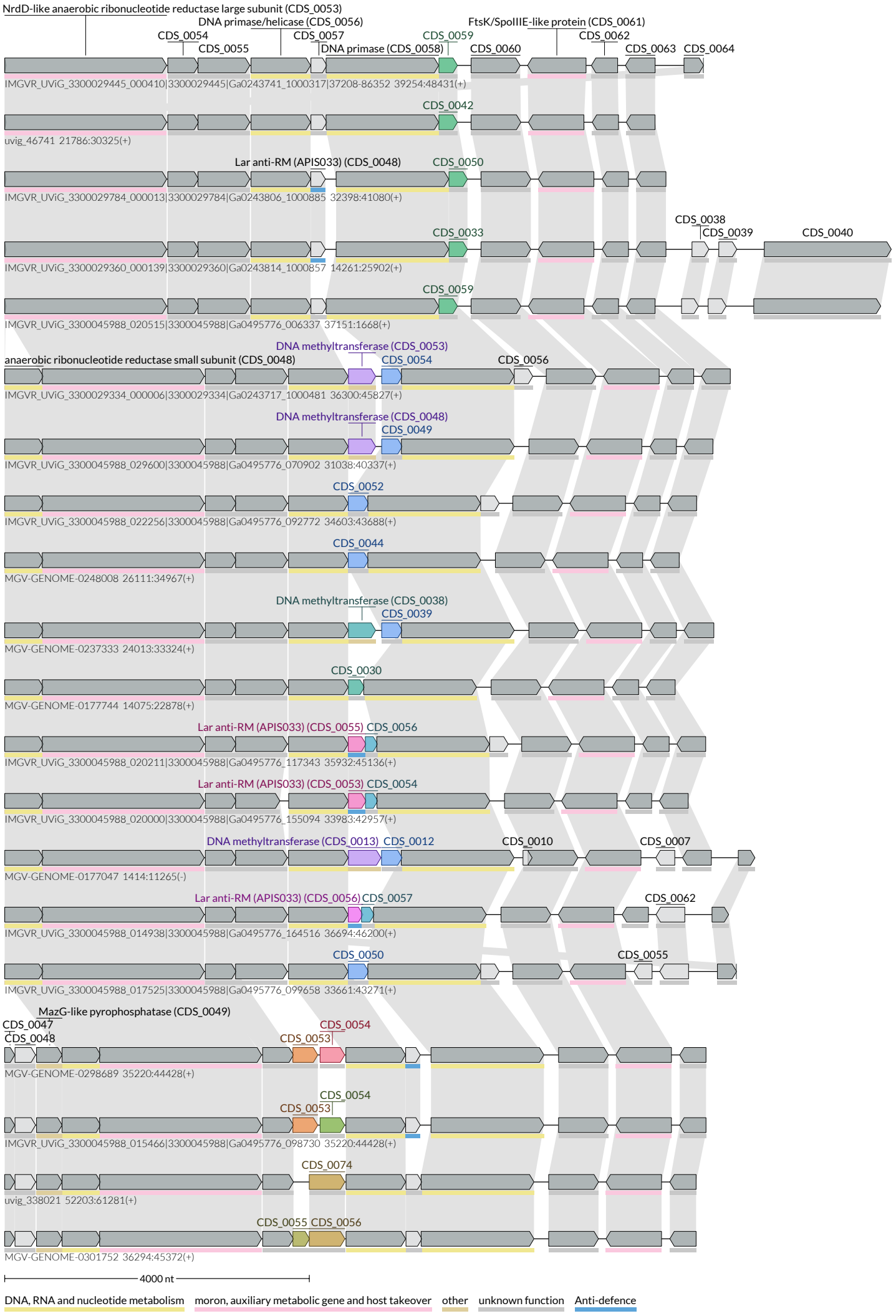
NrdD-like anaerobic ribonucleotide reductase large subunit (CDS_0053)
DNA primase/helicase (CDS_0056)
FtsK/SpoIIIE-like protein (CDS_0061)
CDS_0054
CDS_0055
CDS_0057
DNA primase (CDS_0058)
CDS_0059
CDS_0060
CDS_0062
CDS_0063
CDS_0064
IMGVR_UViG_3300029445_000410|3300029445|Ga0243741_1000317|37208-86352 39254:48431(+)
CDS_0042
uvig_46741 21786:30325(+)
Lar anti-RM (APIS033) (CDS_0048)
CDS_0050
IMGVR_UViG_3300029784_000013|3300029784|Ga0243806_1000885 32398:41080(+)
CDS_0038
CDS_0033
CDS_0039
CDS_0040
IMGVR_UViG_3300029360_000139|3300029360|Ga0243814_1000857 14261:25902(+)
CDS_0059
IMGVR_UViG_3300045988_020515|3300045988|Ga0495776_006337 37151:1668(+)
DNA methyltransferase (CDS_0053)
anaerobic ribonucleotide reductase small subunit (CDS_0048)
CDS_0054
CDS_0056
IMGVR_UViG_3300029334_000006|3300029334|Ga0243717_1000481 36300:45827(+)
DNA methyltransferase (CDS_0048)
CDS_0049
IMGVR_UViG_3300045988_029600|3300045988|Ga0495776_070902 31038:40337(+)
CDS_0052
IMGVR_UViG_3300045988_022256|3300045988|Ga0495776_092772 34603:43688(+)
CDS_0044
MGV-GENOME-0248008 26111:34967(+)
DNA methyltransferase (CDS_0038)
CDS_0039
MGV-GENOME-0237333 24013:33324(+)
CDS_0030
MGV-GENOME-0177744 14075:22878(+)
Lar anti-RM (APIS033) (CDS_0055) CDS_0056
IMGVR_UViG_3300045988_020211|3300045988|Ga0495776_117343 35932:45136(+)
Lar anti-RM (APIS033) (CDS_0053) CDS_0054
IMGVR_UViG_3300045988_020000|3300045988|Ga0495776_155094 33983:42957(+)
DNA methyltransferase (CDS_0013) CDS_0012
CDS_0010
CDS_0007
MGV-GENOME-0177047 1414:11265(-)
Lar anti-RM (APIS033) (CDS_0056) CDS_0057
CDS_0062
IMGVR_UViG_3300045988_014938|3300045988|Ga0495776_164516 36694:46200(+)
CDS_0050
CDS_0055
IMGVR_UViG_3300045988_017525|3300045988|Ga0495776_099658 33661:43271(+)
MazG-like pyrophosphatase (CDS_0049)
CDS_0047
CDS_0048
CDS_0054
CDS_0053
MGV-GENOME-0298689 35220:44428(+)
CDS_0054
CDS_0053
IMGVR_UViG_3300045988_015466|3300045988|Ga0495776_098730 35220:44428(+)
CDS_0074
uvig_338021 52203:61281(+)
CDS_0055 CDS_0056
MGV-GENOME-0301752 36294:45372(+)
4000 nt
DNA, RNA and nucleotide metabolism
moron, auxiliary metabolic gene and host takeover
other
unknown function
Anti-defence