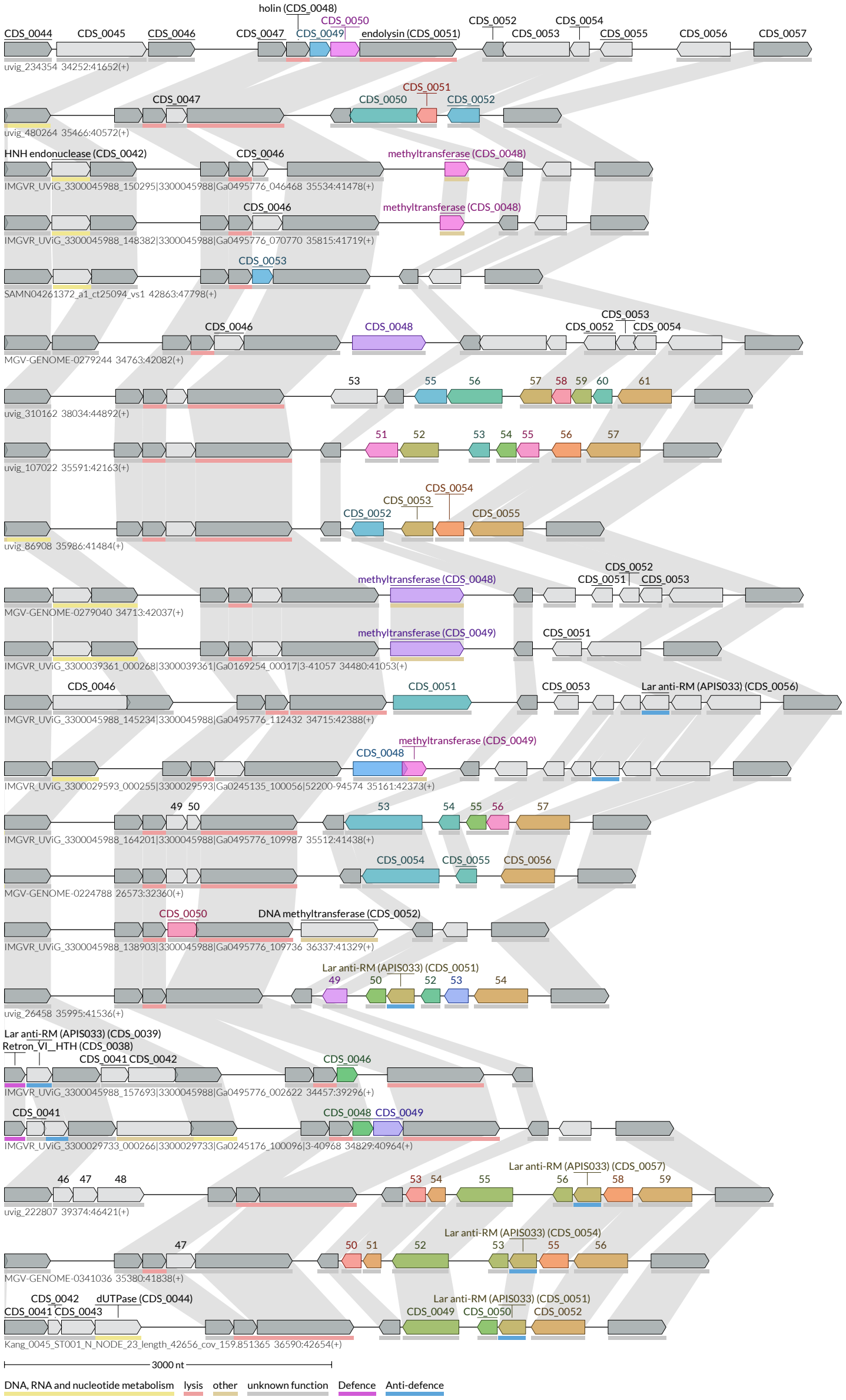
holin (CDS_0048)
CDS_0050
CDS_0044
CDS_0045
CDS_0046
CDS_0047
CDS_0049
endolysin (CDS_0051)
CDS_0052
CDS_0054
CDS_0053
CDS_0055
CDS_0056
CDS_0057
uvig_234354 34252:41652(+)
CDS_0051
CDS_0047
CDS_0050
CDS_0052
uvig_480264 35466:40572(+)
HNH endonuclease (CDS_0042)
CDS_0046
methyltransferase (CDS_0048)
IMGVR_UViG_3300045988_150295|3300045988|Ga0495776_046468 35534:41478(+)
CDS_0046
methyltransferase (CDS_0048)
IMGVR_UViG_3300045988_148382|3300045988|Ga0495776_070770 35815:41719(+)
CDS_0053
SAMN04261372_a1_ct25094_vs1 42863:47798(+)
CDS_0053
CDS_0046
CDS_0048
CDS_0052
CDS_0054
MGV-GENOME-0279244 34763:42082(+)
53
55
56
57
58
59
60
61
uvig_310162 38034:44892(+)
51
52
53
54
55
56
57
uvig_107022 35591:42163(+)
CDS_0054
CDS_0053
CDS_0052
CDS_0055
uvig_86908 35986:41484(+)
CDS_0052
methyltransferase (CDS_0048)
CDS_0051
CDS_0053
MGV-GENOME-0279040 34713:42037(+)
methyltransferase (CDS_0049)
CDS_0051
IMGVR_UViG_3300039361_000268|3300039361|Ga0169254_00017|3-41057 34480:41053(+)
CDS_0046
CDS_0051
CDS_0053
Lar anti-RM (APIS033) (CDS_0056)
IMGVR_UViG_3300045988_145234|3300045988|Ga0495776_112432 34715:42388(+)
methyltransferase (CDS_0049)
CDS_0048
IMGVR_UViG_3300029593_000255|3300029593|Ga0245135_100056|52200-94574 35161:42373(+)
49
50
53
54
55
56
57
IMGVR_UViG_3300045988_164201|3300045988|Ga0495776_109987 35512:41438(+)
CDS_0054
CDS_0055
CDS_0056
MGV-GENOME-0224788 26573:32360(+)
CDS_0050
DNA methyltransferase (CDS_0052)
IMGVR_UViG_3300045988_138903|3300045988|Ga0495776_109736 36337:41329(+)
Lar anti-RM (APIS033) (CDS_0051)
49
50
52
53
54
uvig_26458 35995:41536(+)
Lar anti-RM (APIS033) (CDS_0039)
Retron_VI_HTH (CDS_0038)
CDS_0041
CDS_0042
CDS_0046
IMGVR_UViG_3300045988_157693|3300045988|Ga0495776_002622 34457:39296(+)
CDS_0041
CDS_0048
CDS_0049
IMGVR_UViG_3300029733_000266|3300029733|Ga0245176_100096|3-40968 34829:40964(+)
Lar anti-RM (APIS033) (CDS_0057)
46
47
48
53
54
55
56
58
59
uvig_222807 39374:46421(+)
Lar anti-RM (APIS033) (CDS_0054)
47
50
51
52
53
55
56
MGV-GENOME-0341036 35380:41838(+)
CDS_0042
dUTPase (CDS_0044)
CDS_0041
CDS_0043
Lar anti-RM (APIS033) (CDS_0051)
CDS_0049
CDS_0050
CDS_0052
Kang_0045_ST001_N_NODE_23_length_42656_cov_159.851365 36590:42654(+)
3000 nt
DNA, RNA and nucleotide metabolism
lysis
other
unknown function
Defence
Anti-defence