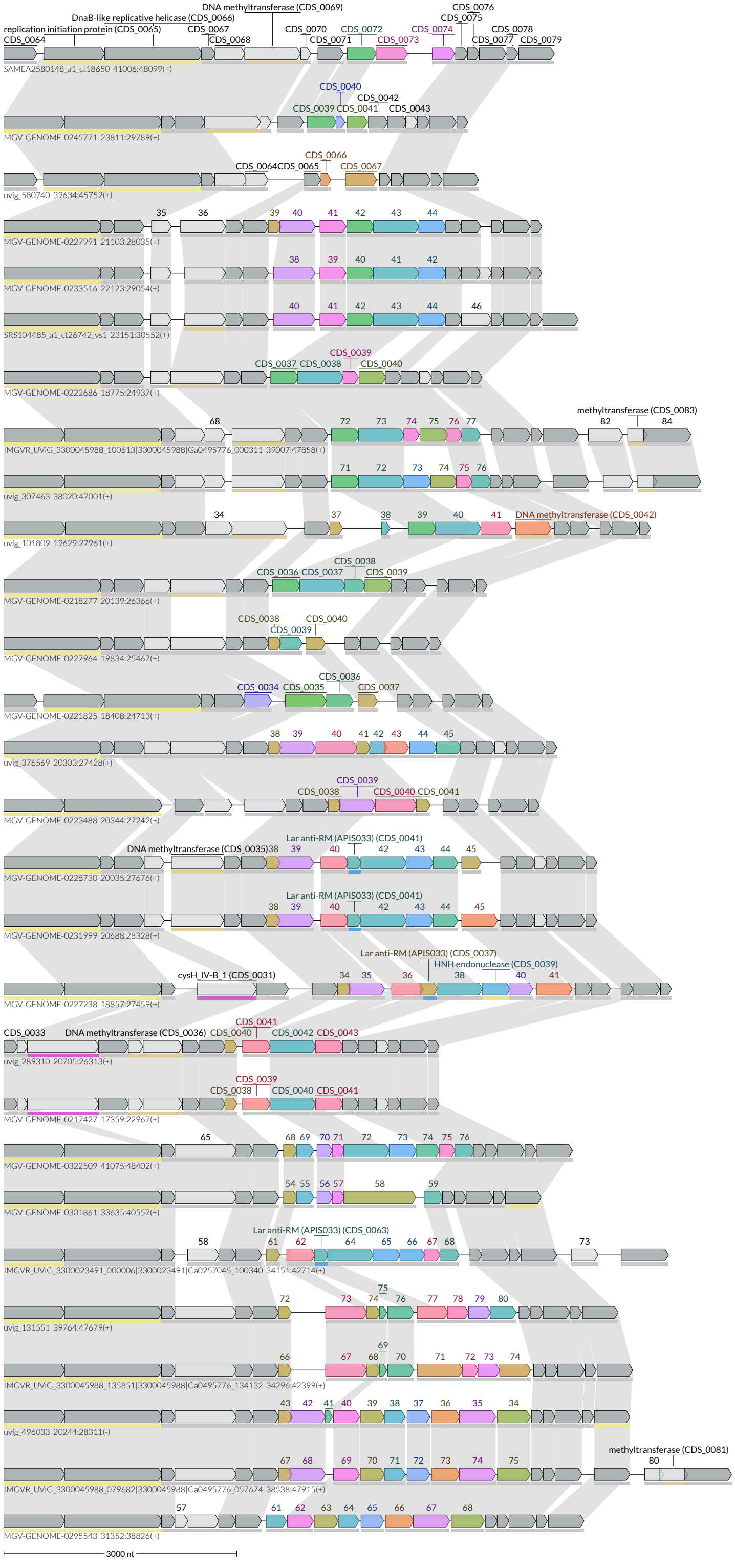
DNA methyltransferase (CDS_0069)
DnaB-like replicative helicase (CDS_0066)
replication initiation protein (CDS_0065)
CDS_0067
CDS_0076
CDS_0075
CDS_0064
CDS_0068
CDS_0070
CDS_0072
CDS_0074
CDS_0078
CDS_0071
CDS_0073
CDS_0077
CDS_0079
SAMEA2580148_a1_ct18650 41006:48099(+)
CDS_0040
CDS_0042
CDS_0039
CDS_0041
CDS_0043
MGV-GENOME-0245771 23811:29789(+)
CDS_0066
CDS_0064CDS_0065
CDS_0067
uvig_580740 39634:45752(+)
35
36
39
40
41
42
43
44
MGV-GENOME-0227991 21103:28035(+)
38
39
40
41
42
MGV-GENOME-0233516 22123:29054(+)
40
41
42
43
44
46
SRS104485_a1_ct26742_vs1 23151:30552(+)
CDS_0039
CDS_0037
CDS_0038
CDS_0040
MGV-GENOME-0222686 18775:24937(+)
methyltransferase (CDS_0083)
68
72
73
74
75
76
77
82
84
IMGVR_UViG_3300045988_100613|3300045988|Ga0495776_000311 39007:47858(+)
71
72
73
74
75
76
uvig_307463 38020:47001(+)
34
37
38
39
40
41
DNA methyltransferase (CDS_0042)
uvig_101809 19629:27961(+)
CDS_0038
CDS_0036
CDS_0037
CDS_0039
MGV-GENOME-0218277 20139:26366(+)
CDS_0038
CDS_0040
CDS_0039
MGV-GENOME-0227964 19834:25467(+)
CDS_0036
CDS_0034
CDS_0035
CDS_0037
MGV-GENOME-0221825 18408:24713(+)
38
39
40
41
42
43
44
45
uvig_376569 20303:27428(+)
CDS_0039
CDS_0038
CDS_0040 CDS_0041
MGV-GENOME-0223488 20344:27242(+)
Lar anti-RM (APIS033) (CDS_0041)
DNA methyltransferase (CDS_0035)
38
39
40
42
43
44
45
MGV-GENOME-0228730 20035:27676(+)
Lar anti-RM (APIS033) (CDS_0041)
38
39
40
42
43
44
45
MGV-GENOME-0231999 20688:28328(+)
Lar anti-RM (APIS033) (CDS_0037)
HNH endonuclease (CDS_0039)
cysH_IV-B_1 (CDS_0031)
34
35
36
38
40
41
MGV-GENOME-0227238 18857:27459(+)
CDS_0041
CDS_0033
DNA methyltransferase (CDS_0036)
CDS_0040
CDS_0042
CDS_0043
uvig_289310 20705:26313(+)
CDS_0039
CDS_0038
CDS_0040
CDS_0041
MGV-GENOME-0217427 17359:22967(+)
65
68
69
70
71
72
73
74
75
76
MGV-GENOME-0322509 41075:48402(+)
54
55
56
57
58
59
MGV-GENOME-0301861 33635:40557(+)
Lar anti-RM (APIS033) (CDS_0063)
58
61
62
64
65
66
67
68
73
IMGVR_UViG_3300023491_000006|3300023491|Ga0257045_100340 34151:42714(+)
75
72
73
74
76
77
78
79
80
uvig_131551 39764:47679(+)
69
66
67
68
70
71
72
73
74
IMGVR_UViG_3300045988_135851|3300045988|Ga0495776_134132 34296:42399(+)
43
42
41
40
39
38
37
36
35
34
uvig_496033 20244:28311(-)
methyltransferase (CDS_0081)
80
67
68
69
70
71
72
73
74
75
IMGVR_UViG_3300045988_079682|3300045988|Ga0495776_057674 38538:47915(+)
57
61
62
63
64
65
66
67
68
MGV-GENOME-0295543 31352:38826(+)
3000 nt
DNA, RNA and nucleotide metabolism
other
unknown function
Defence
Anti-defence