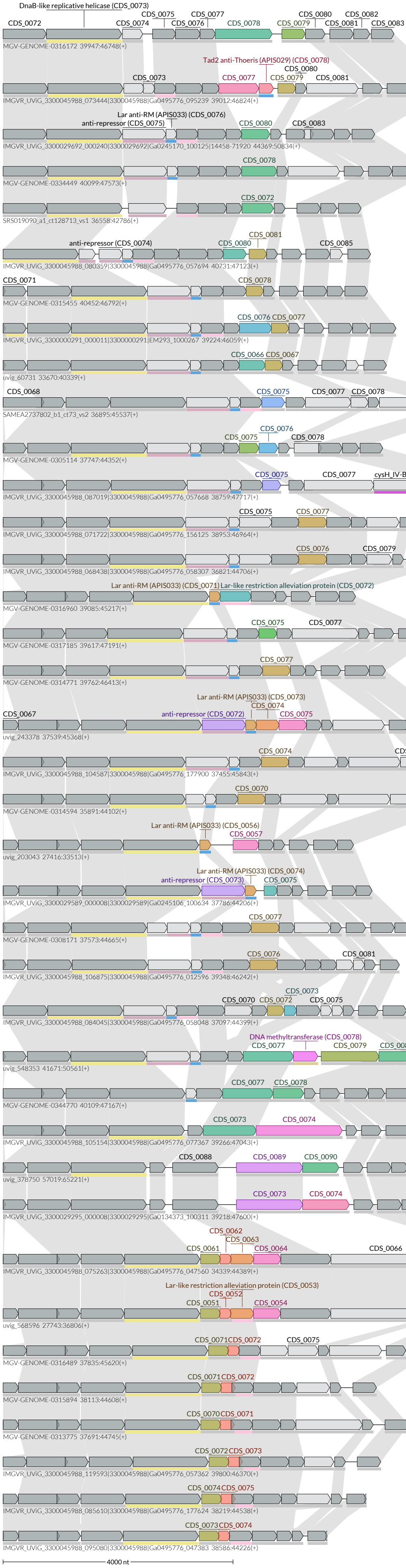
DnaB-like replicative helicase (CDS_0073)
CDS_0072
CDS_0075
CDS_0074
CDS_0077
CDS_0076
CDS_0078
CDS_0080
CDS_0079
CDS_0081
CDS_0082
CDS_0083
MGV-GENOME-0316172 39947:46748(+)
Tad2 anti-Thoeris (APIS029) (CDS_0078)
CDS_0080
CDS_0073
CDS_0077
CDS_0079
CDS_0081
IMGVR_UViG_3300045988_073444|3300045988|Ga0495776_095239 39012:46824(+)
Lar anti-RM (APIS033) (CDS_0076)
anti-repressor (CDS_0075)
CDS_0080
CDS_0083
IMGVR_UViG_3300029692_000240|3300029692|Ga0245170_100125|14458-71920 44369:50834(+)
CDS_0078
MGV-GENOME-0334449 40099:47573(+)
CDS_0072
SRS019090_a1_ct128713_vs1 36558:42786(+)
CDS_0081
anti-repressor (CDS_0074)
CDS_0080
CDS_0085
IMGVR_UViG_3300045988_080359|3300045988|Ga0495776_057694 40731:47123(+)
CDS_0071
CDS_0078
MGV-GENOME-0315455 40452:46792(+)
CDS_0076 CDS_0077
IMGVR_UViG_3300000291_000011|3300000291|EM293_1000267 39224:46059(+)
CDS_0066 CDS_0067
uvig_60731 33670:40339(+)
CDS_0068
CDS_0075
CDS_0077
CDS_0078
SAMEA2737802_b1_ct73_vs2 36895:45537(+)
CDS_0076
CDS_0075
CDS_0078
MGV-GENOME-0305114 37747:44352(+)
CDS_0075
CDS_0077
cysH_IV-B_1 (CDS_0078)
IMGVR_UViG_3300045988_087019|3300045988|Ga0495776_057668 38759:47717(+)
CDS_0075
CDS_0077
IMGVR_UViG_3300045988_071722|3300045988|Ga0495776_156125 38953:46964(+)
CDS_0076
CDS_0079
IMGVR_UViG_3300045988_068438|3300045988|Ga0495776_058307 36821:44706(+)
Lar anti-RM (APIS033) (CDS_0071) Lar-like restriction alleviation protein (CDS_0072)
MGV-GENOME-0316960 39085:45217(+)
CDS_0075
CDS_0077
MGV-GENOME-0317185 39617:47191(+)
CDS_0077
MGV-GENOME-0314771 39762:46413(+)
Lar anti-RM (APIS033) (CDS_0073)
CDS_0074
CDS_0067
anti-repressor (CDS_0072)
CDS_0075
uvig_243378 37539:45368(+)
CDS_0074
CDS_0079
IMGVR_UViG_3300045988_104587|3300045988|Ga0495776_177900 37455:45843(+)
CDS_0070
MGV-GENOME-0314594 35891:44102(+)
Lar anti-RM (APIS033) (CDS_0056)
CDS_0057
uvig_203043 27416:33513(+)
Lar anti-RM (APIS033) (CDS_0074)
anti-repressor (CDS_0073)
CDS_0075
IMGVR_UViG_3300029589_000008|3300029589|Ga0245106_100634 37786:44206(+)
CDS_0077
MGV-GENOME-0308171 37573:44665(+)
CDS_0076
CDS_0081
IMGVR_UViG_3300045988_106875|3300045988|Ga0495776_012596 39348:46242(+)
CDS_0073
CDS_0070
CDS_0072
CDS_0075
IMGVR_UViG_3300045988_084045|3300045988|Ga0495776_058048 37097:44399(+)
DNA methyltransferase (CDS_0078)
CDS_0077
CDS_0079
CDS_0080
uvig_548353 41671:50561(+)
CDS_0077
CDS_0078
MGV-GENOME-0344770 40109:47167(+)
CDS_0073
CDS_0074
IMGVR_UViG_3300045988_105154|3300045988|Ga0495776_077367 39266:47043(+)
CDS_0088
CDS_0089
CDS_0090
CDS_0095
uvig_378750 57019:65221(+)
CDS_0073
CDS_0074
IMGVR_UViG_3300029295_000008|3300029295|Ga0134373_100311 39218:47600(+)
CDS_0062
CDS_0063
CDS_0061
CDS_0064
CDS_0066
IMGVR_UViG_3300045988_075263|3300045988|Ga0495776_047560 34339:44389(+)
Lar-like restriction alleviation protein (CDS_0053)
CDS_0052
CDS_0051
CDS_0054
uvig_568596 27743:36806(+)
CDS_0071
CDS_0072
CDS_0075
MGV-GENOME-0316489 37835:45620(+)
CDS_0071
CDS_0072
MGV-GENOME-0315894 38113:44608(+)
CDS_0070
CDS_0071
MGV-GENOME-0313775 37691:44745(+)
CDS_0072
CDS_0073
IMGVR_UViG_3300045988_119593|3300045988|Ga0495776_057362 39800:46370(+)
CDS_0074
CDS_0075
IMGVR_UViG_3300045988_085610|3300045988|Ga0495776_177624 38219:44538(+)
CDS_0073
CDS_0074
IMGVR_UViG_3300045988_095080|3300045988|Ga0495776_047383 38586:44226(+)
4000 nt
DNA, RNA and nucleotide metabolism
moron, auxiliary metabolic gene and host takeover
other
transcription regulation
unknown function
Defence
Anti-defence