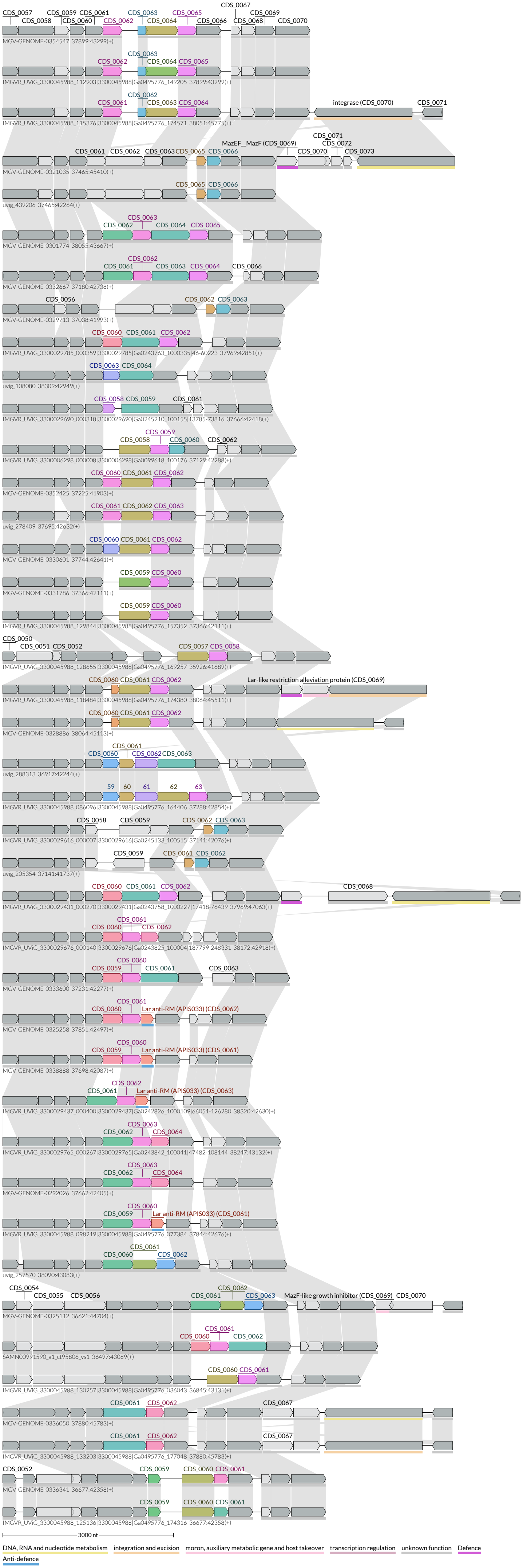
CDS_0067
CDS_0057 CDS_0059 CDS_0061 CDS_0063 CDS_0065 CDS_0069
CDS_0058 CDS_0060 CDS_0062 CDS_0064 CDS_0066 CDS_0068 CDS_0070
MGV-GENOME-0354547 37899:43299(+)
CDS_0063
CDS_0062 CDS_0064 CDS_0065
IMGVR_UViG_3300045988_112903|3300045988|Ga0495776_149205 37899:43299(+)
CDS_0062
CDS_0061 CDS_0063 CDS_0064 integrase (CDS_0070) CDS_0071
IMGVR_UViG_3300045988_115376|3300045988|Ga0495776_174571 38051:45775(+)
CDS_0071
MazEF_MazF (CDS_0069) CDS_0072
CDS_0061 CDS_0062 CDS_0063 CDS_0065 CDS_0066 CDS_0070 CDS_0073
MGV-GENOME-0321035 37465:45410(+)
CDS_0065 CDS_0066
uvig_439206 37465:42264(+)
CDS_0063
CDS_0062 CDS_0064 CDS_0065
MGV-GENOME-0301774 38055:43667(+)
CDS_0062
CDS_0061 CDS_0063 CDS_0064 CDS_0066
MGV-GENOME-0332667 37180:42738(+)
CDS_0056 CDS_0062 CDS_0063
MGV-GENOME-0329713 37038:41993(+)
CDS_0060 CDS_0061 CDS_0062
IMGVR_UViG_3300029785_000359|3300029785|Ga0243763_1000335|46-60223 37969:42851(+)
CDS_0063 CDS_0064
uvig_108080 38309:42949(+)
CDS_0058 CDS_0059 CDS_0061
IMGVR_UViG_3300029690_000318|3300029690|Ga0245210_100155|13785-73816 37666:42418(+)
CDS_0059
CDS_0058 CDS_0060 CDS_0062
IMGVR_UViG_3300006298_000008|3300006298|Ga0099618_100176 37129:42288(+)
CDS_0060 CDS_0061 CDS_0062
MGV-GENOME-0352425 37225:41903(+)
CDS_0061 CDS_0062 CDS_0063
uvig_278409 37695:42632(+)
CDS_0060 CDS_0061 CDS_0062
MGV-GENOME-0330601 37744:42641(+)
CDS_0059 CDS_0060
MGV-GENOME-0331786 37366:42111(+)
CDS_0059 CDS_0060
IMGVR_UViG_3300045988_129844|3300045988|Ga0495776_157352 37366:42111(+)
CDS_0050
CDS_0051 CDS_0052 CDS_0057 CDS_0058
IMGVR_UViG_3300045988_128655|3300045988|Ga0495776_169257 35926:41689(+)
CDS_0060 CDS_0061 CDS_0062 Lar-like restriction alleviation protein (CDS_0069)
IMGVR_UViG_3300045988_118484|3300045988|Ga0495776_174380 38064:45511(+)
CDS_0060 CDS_0061 CDS_0062
MGV-GENOME-0328886 38064:45113(+)
CDS_0061
CDS_0060 CDS_0062 CDS_0063
uvig_288313 36917:42244(+)
59 60 61 62 63
IMGVR_UViG_3300045988_086096|3300045988|Ga0495776_164406 37288:42854(+)
CDS_0058 CDS_0059 CDS_0062 CDS_0063
IMGVR_UViG_3300029616_000007|3300029616|Ga0245133_100515 37141:42076(+)
CDS_0059 CDS_0061 CDS_0062
uvig_205354 37141:41737(+)
CDS_0060 CDS_0061 CDS_0062 CDS_0068
IMGVR_UViG_3300029431_000270|3300029431|Ga0243758_1000227|17418-76439 37969:47063(+)
CDS_0061
CDS_0060 CDS_0062
IMGVR_UViG_3300029676_000140|3300029676|Ga0243825_100004|187799-248331 38172:42918(+)
CDS_0060
CDS_0059 CDS_0061 CDS_0063
MGV-GENOME-0333600 37231:42277(+)
CDS_0061
CDS_0060 Lar anti-RM (APIS033) (CDS_0062)
MGV-GENOME-0325258 37851:42497(+)
CDS_0060
CDS_0059 Lar anti-RM (APIS033) (CDS_0061)
MGV-GENOME-0338888 37698:42087(+)
CDS_0062
CDS_0061 Lar anti-RM (APIS033) (CDS_0063)
IMGVR_UViG_3300029437_000400|3300029437|Ga0242826_1000109|66051-126280 38320:42630(+)
CDS_0063
CDS_0062 CDS_0064
IMGVR_UViG_3300029765_000267|3300029765|Ga0243842_100041|47482-108144 38247:43132(+)
CDS_0063
CDS_0062 CDS_0064
MGV-GENOME-0292026 37662:42405(+)
CDS_0060
CDS_0059 Lar anti-RM (APIS033) (CDS_0061)
IMGVR_UViG_3300045988_098219|3300045988|Ga0495776_077384 37844:42676(+)
CDS_0061
CDS_0060 CDS_0062
uvig_257570 38090:43083(+)
CDS_0054
CDS_0055 CDS_0056 CDS_0062
CDS_0061 CDS_0063 MazF-like growth inhibitor (CDS_0069) CDS_0070
MGV-GENOME-0325112 36621:44704(+)
CDS_0061
CDS_0060 CDS_0062
SAMN00991590_a1_ct95806_vs1 36497:43089(+)
CDS_0060 CDS_0061
IMGVR_UViG_3300045988_130257|3300045988|Ga0495776_036043 36845:43131(+)
CDS_0061 CDS_0062 CDS_0067
MGV-GENOME-0336050 37880:45783(+)
CDS_0061 CDS_0062 CDS_0067
IMGVR_UViG_3300045988_133203|3300045988|Ga0495776_177048 37880:45783(+)
CDS_0052 CDS_0059 CDS_0060 CDS_0061
MGV-GENOME-0336341 36677:42358(+)
CDS_0059 CDS_0060 CDS_0061
IMGVR_UViG_3300045988_125136|3300045988|Ga0495776_174316 36677:42358(+)
3000 nt
DNA, RNA and nucleotide metabolism
integration and excision
moron, auxiliary metabolic gene and host takeover
transcription regulation
unknown function
Defence
Anti-defence