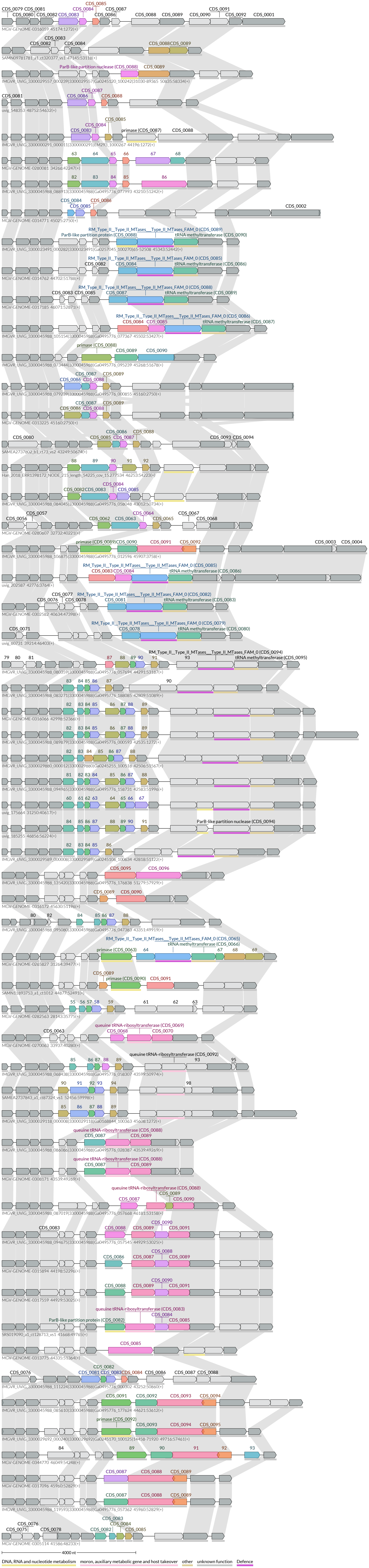
CDS_0079 CDS_0081 CDS_0085 CDS_0084 CDS_0087 CDS_0091
CDS_0080 CDS_0082 CDS_0083 CDS_0086 CDS_0088 CDS_0089 CDS_0090 CDS_0092 CDS_0001
MGV-GENOME-0316059 45174:1272(+)
CDS_0083 CDS_0082 CDS_0084 CDS_0088 CDS_0089
SAMN09781781_a1_ct320377_vs1 47145:53118(+)
ParB-like partition nuclease (CDS_0088) CDS_0089
IMGVR_UViG_3300029557_000239|3300029557|Ga0245120_100242|31030-89365 50835:58334(+)
CDS_0087 CDS_0081 CDS_0086 CDS_0088
uvig_548353 48752:54632(+)
CDS_0085 CDS_0084 CDS_0083 primase (CDS_0087) CDS_0088
IMGVR_UViG_3300000291_000011|3300000291|EM293_1000267 44196:1272(+)
63 64 65 66 67 68
MGV-GENOME-0280081 34266:42247(+)
82 83 84 85 86
IMGVR_UViG_3300045988_088913|3300045988|Ga0495776_077993 43210:51242(+)
CDS_0084 CDS_0086 CDS_0085 CDS_0002
MGV-GENOME-0314771 45025:2750(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0089)
ParB-like partition protein (CDS_0088) tRNA methyltransferase (CDS_0090)
IMGVR_UViG_3300023491_000282|3300023491|Ga0257045_100270|65-52508 45343:52442(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0085)
CDS_0082 CDS_0084 tRNA methyltransferase (CDS_0086)
MGV-GENOME-0314762 44702:51788(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0088)
CDS_0083 CDS_0085 CDS_0087 tRNA methyltransferase (CDS_0089)
MGV-GENOME-0317185 46071:52871(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0086)
CDS_0084 CDS_0085 tRNA methyltransferase (CDS_0087)
IMGVR_UViG_3300045988_105154|3300045988|Ga0495776_077367 45502:53427(+)
primase (CDS_0088) CDS_0089 CDS_0090
IMGVR_UViG_3300045988_073444|3300045988|Ga0495776_095239 45268:51678(+)
CDS_0087 CDS_0089 CDS_0086 CDS_0088
IMGVR_UViG_3300045988_079239|3300045988|Ga0495776_000855 45160:2750(+)
CDS_0087 CDS_0089 CDS_0086 CDS_0088
MGV-GENOME-0313225 45160:2750(+)
CDS_0086 CDS_0088 CDS_0080 CDS_0085 CDS_0087 CDS_0093 CDS_0094
SAMEA2737802_b1_ct73_vs2 43249:50674(+)
88 89 90 91 92
Han_2018_ERR1398172_NODE_215_length_54225_cov_15.277534 46253:54223(+)
CDS_0084 CDS_0082 CDS_0083 CDS_0085
IMGVR_UViG_3300045988_084045|3300045988|Ga0495776_058048 43012:50734(+)
CDS_0057 CDS_0064 CDS_0067 CDS_0056 CDS_0062 CDS_0063 CDS_0065 CDS_0068
MGV-GENOME-0280607 32732:40221(+)
primase (CDS_0089) CDS_0090 CDS_0091 CDS_0092 CDS_0003 CDS_0004
IMGVR_UViG_3300045988_106875|3300045988|Ga0495776_012596 45907:3758(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0085)
CDS_0083 CDS_0084 tRNA methyltransferase (CDS_0086)
uvig_202587 42776:3764(+)
CDS_0077 RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0082)
CDS_0076 CDS_0078 CDS_0081 tRNA methyltransferase (CDS_0083)
MGV-GENOME-0302582 40634:47398(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0079)
CDS_0071 CDS_0078 tRNA methyltransferase (CDS_0080)
uvig_60731 39214:46403(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0094)
79 80 81 87 88 89 90 91 93 tRNA methyltransferase (CDS_0095)
IMGVR_UViG_3300045988_080359|3300045988|Ga0495776_057694 44291:53187(+)
83 84 85 86 87 90
IMGVR_UViG_3300045988_083271|3300045988|Ga0495776_188085 42809:51089(+)
82 83 84 85 86 87 88 89
MGV-GENOME-0316066 42998:52366(+)
82 83 84 85 86 87 88 89
IMGVR_UViG_3300045988_089879|3300045988|Ga0495776_000593 42535:1272(+)
82 83 84 85 86 87 88
IMGVR_UViG_3300029880_000012|3300029880|Ga0245255_100518 42506:51567(+)
81 82 83 84 85 86 87 88
IMGVR_UViG_3300045988_094965|3300045988|Ga0495776_158731 42583:51996(+)
60 61 62 63 64 65 66 67
uvig_175664 31250:40617(+)
84 85 86 87 88 89 90 91 ParB-like partition nuclease (CDS_0094)
uvig_185255 46856:56224(+)
82 83 84 85 86
IMGVR_UViG_3300029589_000008|3300029589|Ga0245106_100634 42818:51122(+)
CDS_0095 CDS_0096
IMGVR_UViG_3300045988_135420|3300045988|Ga0495776_176838 51279:57929(+)
CDS_0089 CDS_0090
MGV-GENOME-0316172 45630:51196(+)
80 82 84 85 86 87 88
IMGVR_UViG_3300045988_095080|3300045988|Ga0495776_047383 43351:49919(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (CDS_0065)
tRNA methyltransferase (CDS_0066)
primase (CDS_0063) 64 67 68 69
MGV-GENOME-0265827 31264:39477(+)
CDS_0089 primase (CDS_0090) CDS_0091
SAMN11893753_a1_ct1012 44877:52491(+)
55 56 57 58 59 61 62 63
MGV-GENOME-0282563 28143:35775(+)
queuine tRNA-ribosyltransferase (CDS_0069)
CDS_0063 CDS_0068 CDS_0070
MGV-GENOME-0270063 33937:40280(+)
queuine tRNA-ribosyltransferase (CDS_0092)
85 86 87 88 89 93 95
IMGVR_UViG_3300045988_068438|3300045988|Ga0495776_058307 43599:50974(+)
90 91 92 93 94 98
SAMEA2737843_a1_ct87324_vs1 52456:59998(+)
85 86 87 88 89
IMGVR_UViG_3300029118_000008|3300029118|Ga0168844_100363 45608:1272(+)
queuine tRNA-ribosyltransferase (CDS_0088)
CDS_0087 CDS_0089
IMGVR_UViG_3300045988_086086|3300045988|Ga0495776_028387 43539:49269(+)
queuine tRNA-ribosyltransferase (CDS_0088)
CDS_0087 CDS_0089
MGV-GENOME-0308171 43539:49269(+)
queuine tRNA-ribosyltransferase (CDS_0088)
CDS_0089
CDS_0087 CDS_0090
IMGVR_UViG_3300045988_087019|3300045988|Ga0495776_057668 46181:53158(+)
CDS_0090
CDS_0083 CDS_0088 CDS_0089 CDS_0091
IMGVR_UViG_3300045988_094675|3300045988|Ga0495776_057545 44929:53025(+)
CDS_0088
CDS_0086 CDS_0087 CDS_0089
MGV-GENOME-0315894 44198:52296(+)
CDS_0090
CDS_0088 CDS_0089 CDS_0091
MGV-GENOME-0317559 44929:53025(+)
queuine tRNA-ribosyltransferase (CDS_0083)
CDS_0084
ParB-like partition protein (CDS_0082) CDS_0085
SRS019090_a1_ct128713_vs1 41668:49765(+)
CDS_0085
MGV-GENOME-0313775 44335:51364(+)
CDS_0082
CDS_0076 CDS_0081 CDS_0083 CDS_0084 CDS_0086 CDS_0087 CDS_0088
IMGVR_UViG_3300045988_111224|3300045988|Ga0495776_000302 43252:50860(+)
CDS_0091 CDS_0092 CDS_0093 CDS_0094
IMGVR_UViG_3300045988_085610|3300045988|Ga0495776_177624 44621:53612(+)
primase (CDS_0092)
CDS_0093 CDS_0094 CDS_0095
IMGVR_UViG_3300029692_000240|3300029692|Ga0245170_100125|14458-71920 49716:57461(+)
84 89 90 91 92 93
MGV-GENOME-0344770 46049:54248(+)
CDS_0087 CDS_0088 CDS_0089
MGV-GENOME-0317096 45960:52829(+)
CDS_0087 CDS_0088 CDS_0089
IMGVR_UViG_3300045988_119593|3300045988|Ga0495776_057362 45960:52829(+)
CDS_0083
CDS_0076 CDS_0084
CDS_0075 CDS_0078 CDS_0082 CDS_0085
MGV-GENOME-0305114 41586:48233(+)
4000 nt
DNA, RNA and nucleotide metabolism
moron, auxiliary metabolic gene and host takeover
other
unknown function
Defence