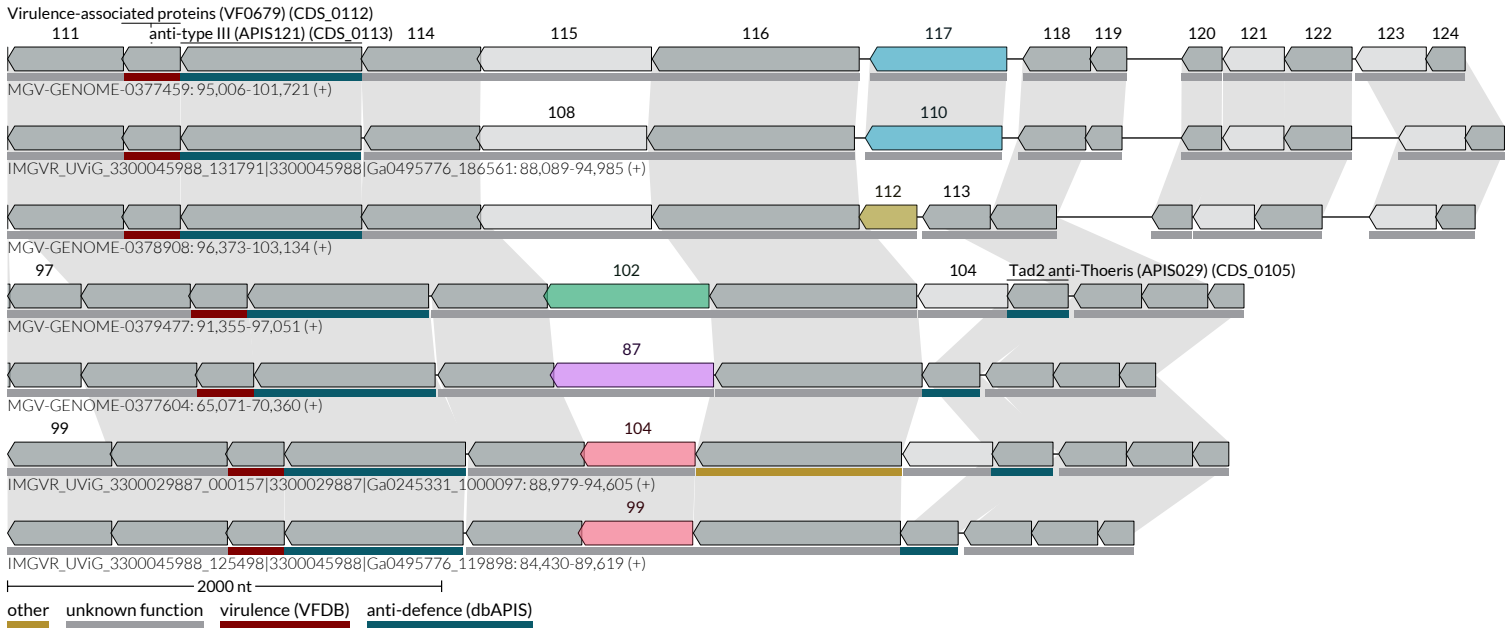
Virulence-associated proteins (VF0679) (CDS_0112)
111
anti-type III (APIS121) (CDS_0113)
114
115
116
117
118
119
120
121
122
123
124
MGV-GENOME-0377459: 95,006-101,721 (+)
108
110
IMGVR_UViG_3300045988_131791|3300045988|Ga0495776_186561: 88,089-94,985 (+)
112
113
MGV-GENOME-0378908: 96,373-103,134 (+)
97
102
104
Tad2 anti-Thoeris (APIS029) (CDS_0105)
MGV-GENOME-0379477: 91,355-97,051 (+)
87
MGV-GENOME-0377604: 65,071-70,360 (+)
99
104
IMGVR_UViG_3300029887_000157|3300029887|Ga0245331_1000097: 88,979-94,605 (+)
99
IMGVR_UViG_3300045988_125498|3300045988|Ga0495776_119898: 84,430-89,619 (+)
2000 nt
other
unknown function
virulence (VFDB)
anti-defence (dbAPIS)