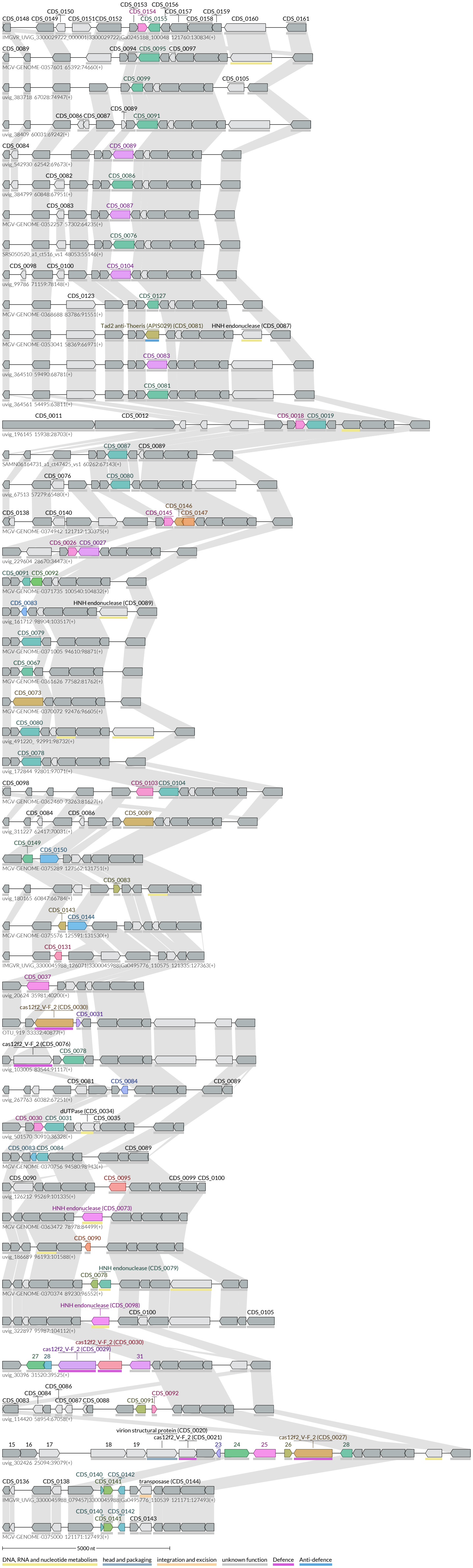
CDS_0148
CDS_0149
CDS_0150
CDS_0151
CDS_0152
CDS_0153
CDS_0154
CDS_0155
CDS_0156
CDS_0157
CDS_0158
CDS_0159
CDS_0160
CDS_0161
IMGVR_UViG_3300029722_000001|3300029722|Ga0245188_100048 121760:130834(+)
CDS_0089
CDS_0094
CDS_0095
CDS_0097
MGV-GENOME-0357601 65392:74660(+)
CDS_0099
CDS_0105
uvig_383718 67028:74947(+)
CDS_0086
CDS_0087
CDS_0089
CDS_0091
uvig_38409 60031:69242(+)
CDS_0084
CDS_0089
uvig_542930 62542:69673(+)
CDS_0082
CDS_0086
uvig_384799 60848:67951(+)
CDS_0083
CDS_0087
MGV-GENOME-0352257 57302:64235(+)
CDS_0076
SRS050520_a1_ct516_vs1 48053:55146(+)
CDS_0098
CDS_0100
CDS_0104
uvig_99786 71159:78148(+)
CDS_0123
CDS_0127
MGV-GENOME-0368688 83786:91551(+)
Tad2 anti-Thoeris (APIS029) (CDS_0081)
HNH endonuclease (CDS_0087)
MGV-GENOME-0353041 58369:66971(+)
CDS_0083
uvig_364510 59490:68781(+)
CDS_0081
uvig_364561 54495:63811(+)
CDS_0011
CDS_0012
CDS_0018
CDS_0019
uvig_196145 15938:28703(+)
CDS_0087
CDS_0089
SAMN06164731_a1_ct47425_vs1 60262:67143(+)
CDS_0076
CDS_0080
uvig_67513 57279:65480(+)
CDS_0138
CDS_0140
CDS_0146
CDS_0145
CDS_0147
MGV-GENOME-0374942 121712:130375(+)
CDS_0026
CDS_0027
uvig_229604 28670:34473(+)
CDS_0091
CDS_0092
MGV-GENOME-0371735 100540:104832(+)
CDS_0083
HNH endonuclease (CDS_0089)
uvig_161712 98904:103517(+)
CDS_0079
MGV-GENOME-0371005 94610:98871(+)
CDS_0067
MGV-GENOME-0361626 77582:81762(+)
CDS_0073
MGV-GENOME-0370072 92476:96605(+)
CDS_0080
uvig_491220_ 92991:98732(+)
CDS_0078
uvig_172844 92801:97071(+)
CDS_0098
CDS_0103
CDS_0104
MGV-GENOME-0362460 73263:81627(+)
CDS_0084
CDS_0086
CDS_0089
uvig_311227 62417:70031(+)
CDS_0149
CDS_0150
MGV-GENOME-0375289 127562:131751(+)
CDS_0083
uvig_180165 60847:66784(+)
CDS_0143
CDS_0144
MGV-GENOME-0375576 125591:131530(+)
CDS_0131
IMGVR_UViG_3300045988_126071|3300045988|Ga0495776_110575 121335:127363(+)
CDS_0037
uvig_20624 35981:40200(+)
cas12f2_V-F_2 (CDS_0030)
CDS_0031
OTU_919 33332:40877(+)
cas12f2_V-F_2 (CDS_0076)
CDS_0078
uvig_103005 83544:91117(+)
CDS_0081
CDS_0084
CDS_0089
uvig_267763 60382:67251(+)
dUTPase (CDS_0034)
CDS_0030
CDS_0031
CDS_0035
uvig_501570 30910:36328(+)
CDS_0083
CDS_0084
CDS_0089
MGV-GENOME-0370756 94580:98943(+)
CDS_0090
CDS_0095
CDS_0099
CDS_0100
uvig_126212 95269:101335(+)
HNH endonuclease (CDS_0073)
MGV-GENOME-0363472 78978:84499(+)
CDS_0090
uvig_186689 96193:101588(+)
HNH endonuclease (CDS_0079)
CDS_0078
MGV-GENOME-0370374 89230:96552(+)
HNH endonuclease (CDS_0098)
CDS_0100
CDS_0105
uvig_322897 95987:104112(+)
cas12f2_V-F_2 (CDS_0030)
cas12f2_V-F_2 (CDS_0029)
27
28
31
uvig_30396 31520:39525(+)
CDS_0086
CDS_0084
CDS_0083
CDS_0087
CDS_0088
CDS_0091
CDS_0092
uvig_114420 58954:67058(+)
virion structural protein (CDS_0020)
cas12f2_V-F_2 (CDS_0021)
cas12f2_V-F_2 (CDS_0027)
15
16
17
18
19
23
24
25
26
28
uvig_302426 25094:39079(+)
CDS_0136
CDS_0138
CDS_0140
CDS_0142
CDS_0141
transposase (CDS_0144)
IMGVR_UViG_3300045988_079457|3300045988|Ga0495776_110539 121171:127493(+)
CDS_0140
CDS_0142
CDS_0141
CDS_0143
MGV-GENOME-0375000 121171:127493(+)
5000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
unknown function
Defence
Anti-defence