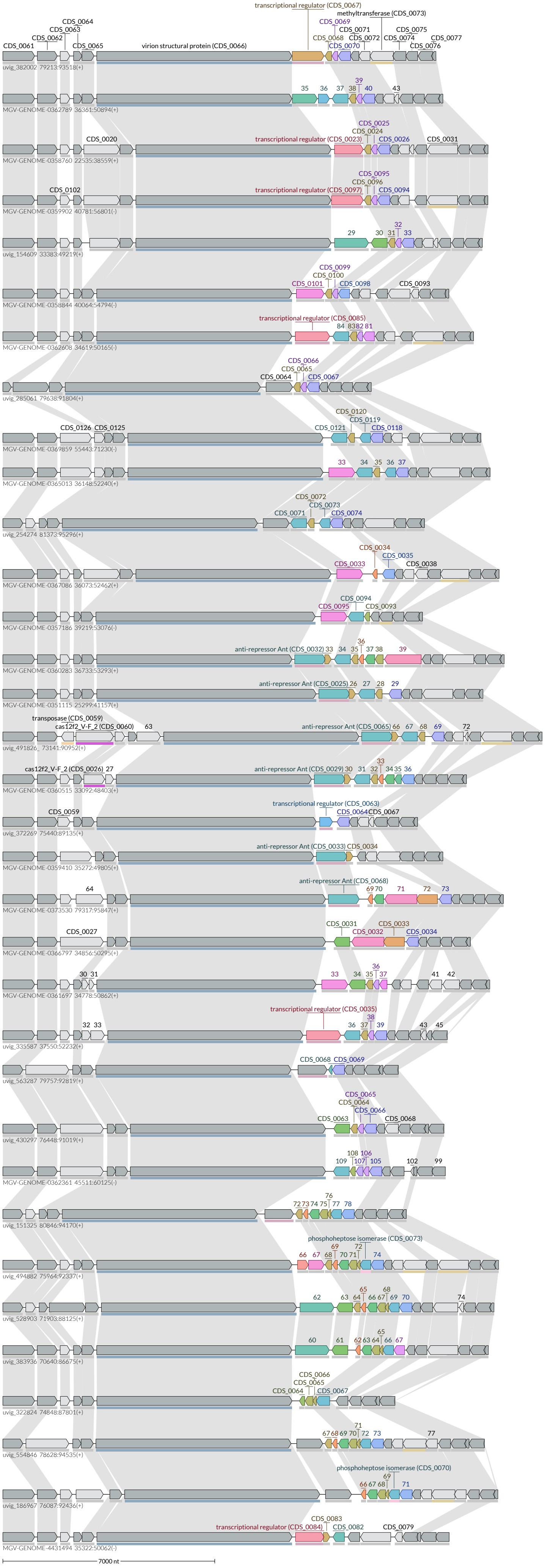
transcriptional regulator (CDS_0067)
methyltransferase (CDS_0073)
CDS_0064
CDS_0063
CDS_0062
CDS_0061
CDS_0065
virion structural protein (CDS_0066)
CDS_0069
CDS_0071
CDS_0075
CDS_0068
CDS_0072
CDS_0074
CDS_0077
CDS_0070
CDS_0076
uvig_382002 79213:93518(+)
39
35
36
37
38
40
43
MGV-GENOME-0362789 36361:50894(+)
CDS_0025
CDS_0024
CDS_0020
transcriptional regulator (CDS_0023)
CDS_0026
CDS_0031
MGV-GENOME-0358760 22535:38559(+)
CDS_0095
CDS_0096
CDS_0102
transcriptional regulator (CDS_0097)
CDS_0094
MGV-GENOME-0359902 40781:56801(-)
32
29
30
31
33
uvig_154609 33383:49219(+)
CDS_0099
CDS_0100
CDS_0101
CDS_0098
CDS_0093
MGV-GENOME-0358844 40064:54794(-)
transcriptional regulator (CDS_0085)
84
83
82
81
MGV-GENOME-0362608 34619:50165(-)
CDS_0066
CDS_0065
CDS_0064
CDS_0067
uvig_285061 79638:91804(+)
CDS_0120
CDS_0119
CDS_0126
CDS_0125
CDS_0121
CDS_0118
MGV-GENOME-0369859 55443:71230(-)
33
34
35
36
37
MGV-GENOME-0365013 36148:52240(+)
CDS_0072
CDS_0073
CDS_0071
CDS_0074
uvig_254274 81373:95296(+)
CDS_0034
CDS_0035
CDS_0033
CDS_0038
MGV-GENOME-0367086 36073:52462(+)
CDS_0094
CDS_0095
CDS_0093
MGV-GENOME-0357186 39219:53076(-)
36
anti-repressor Ant (CDS_0032) 33
34
35
37
38
39
MGV-GENOME-0360283 36733:53293(+)
anti-repressor Ant (CDS_0025) 26
27
28
29
MGV-GENOME-0351115 25299:41157(+)
transposase (CDS_0059)
cas12f2_V-F_2 (CDS_0060)
63
anti-repressor Ant (CDS_0065) 66
67
68
69
72
uvig_491826_ 73141:90952(+)
33
cas12f2_V-F_2 (CDS_0026) 27
anti-repressor Ant (CDS_0029) 30
31
32
34
35
36
MGV-GENOME-0360515 33092:48403(+)
transcriptional regulator (CDS_0063)
CDS_0059
CDS_0064
CDS_0067
uvig_372269 75440:89135(+)
anti-repressor Ant (CDS_0033) CDS_0034
MGV-GENOME-0359410 35272:49805(+)
anti-repressor Ant (CDS_0068)
64
69
70
71
72
73
MGV-GENOME-0373530 79317:95847(+)
CDS_0031
CDS_0033
CDS_0027
CDS_0032
CDS_0034
MGV-GENOME-0366797 34856:50295(+)
36
30
31
33
34
35
37
41
42
MGV-GENOME-0361697 34778:50862(+)
transcriptional regulator (CDS_0035)
38
32
33
36
37
39
43
45
uvig_335587 37550:52232(+)
CDS_0068
CDS_0069
uvig_563287 79757:92819(+)
CDS_0065
CDS_0064
CDS_0066
CDS_0063
CDS_0068
uvig_430297 76448:91019(+)
108
106
109
107
105
102
99
MGV-GENOME-0362361 45511:60125(-)
76
72
73
74
75
77
78
uvig_151325 80846:94170(+)
phosphoheptose isomerase (CDS_0073)
69
72
66
67
68
70
71
74
uvig_494882 75964:92337(+)
65
68
62
63
64
66
67
69
70
74
uvig_528903 71903:88125(+)
65
60
61
62
63
64
66
67
uvig_383936 70640:86675(+)
CDS_0066
CDS_0065
CDS_0064
CDS_0067
uvig_322824 74848:87801(+)
71
67
68
69
70
72
73
77
uvig_554846 78628:94535(+)
phosphoheptose isomerase (CDS_0070)
69
66
67
68
71
uvig_186967 76087:92436(+)
CDS_0083
transcriptional regulator (CDS_0084)
CDS_0082
CDS_0079
MGV-GENOME-4431494 35322:50062(-)
7000 nt
head and packaging
integration and excision
moron, auxiliary metabolic gene and host takeover
other
transcription regulation
unknown function
Defence