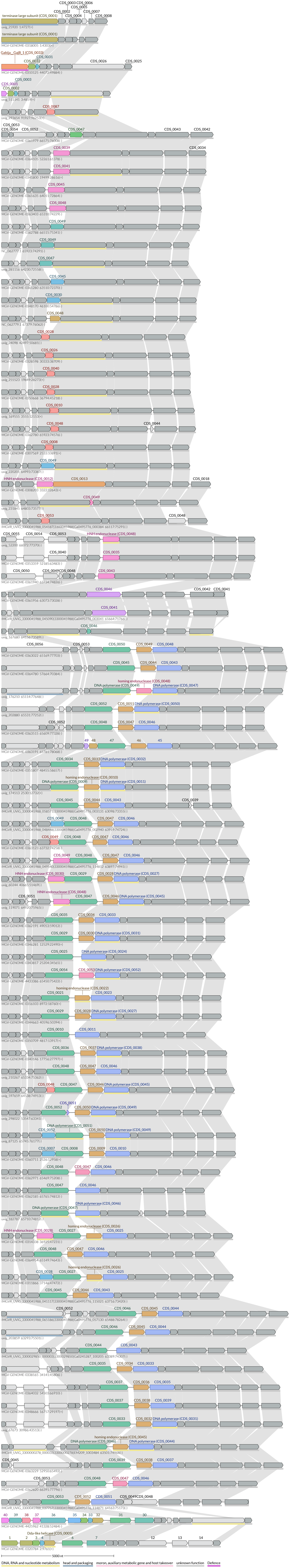
CDS_0003 CDS_0006
CDS_0005
CDS_0002
CDS_0007
terminase large subunit (CDS_0001)
CDS_0004
CDS_0008
uvig_25920 1:4727(+)
terminase large subunit (CDS_0001)
MGV-GENOME-0318005 1:4303(+)
Gabija__GajB_1 (CDS_0033)
CDS_0031
CDS_0032
CDS_0026
CDS_0025
MGV-GENOME-0310125 44072:49884(-)
CDS_0003
CDS_0001
CDS_0002
uvig_511141 3:4859(+)
CDS_0087
uvig_293654 91927:96253(+)
CDS_0053
CDS_0054
CDS_0052
CDS_0047
CDS_0043
CDS_0042
MGV-GENOME-0361979 66575:76008(-)
CDS_0039
CDS_0034
MGV-GENOME-0364105 52261:61378(-)
CDS_0041
MGV-GENOME-0341800 19499:28616(+)
CDS_0045
MGV-GENOME-0361635 64011:72864(-)
CDS_0048
MGV-GENOME-0363403 65310:74229(-)
CDS_0049
MGV-GENOME-0362788 66515:75341(-)
CDS_0049
NC_062777.1 65923:74291(-)
CDS_0047
uvig_281116 64230:72558(-)
CDS_0045
MGV-GENOME-0361280 63510:72370(-)
CDS_0030
MGV-GENOME-0348170 46100:54786(-)
CDS_0048
NC_062779.1 67379:76062(-)
CDS_0028
uvig_24098 42497:50681(-)
CDS_0026
MGV-GENOME-0328598 30333:38709(-)
CDS_0040
uvig_255523 19849:28273(+)
CDS_0028
MGV-GENOME-0350668 36794:45218(-)
CDS_0010
uvig_169555 3555:12153(+)
CDS_0048
CDS_0044
MGV-GENOME-0362780 65923:74576(-)
CDS_0008
MGV-GENOME-0307569 2533:10891(+)
CDS_0049
uvig_220201 64993:73387(-)
HNH endonuclease (CDS_0012)
CDS_0013
CDS_0018
MGV-GENOME-0308203 3322:12643(+)
CDS_0049
uvig_231845 64803:73577(-)
CDS_0053
CDS_0048
IMGVR_UViG_3300045988_054187|3300045988|Ga0495776_000384 66117:75291(-)
CDS_0055
CDS_0054
CDS_0053
HNH endonuclease (CDS_0048)
uvig_52200 66072:77370(-)
CDS_0040
CDS_0035
MGV-GENOME-0353359 52185:63483(-)
CDS_0050
CDS_0049CDS_0048
CDS_0043
MGV-GENOME-0361940 63734:74826(-)
CDS_0046
CDS_0042
CDS_0041
MGV-GENOME-0361956 63073:73028(-)
CDS_0041
IMGVR_UViG_3300045988_045090|3300045988|Ga0495776_003041 61664:71766(-)
CDS_0046
uvig_167680 64156:73589(-)
CDS_0056
CDS_0053
CDS_0050
CDS_0049
CDS_0048
MGV-GENOME-0363022 65169:77703(-)
CDS_0045
CDS_0044
CDS_0043
MGV-GENOME-0364780 57664:70384(-)
homing endonuclease (CDS_0048)
DNA polymerase (CDS_0049)
DNA polymerase (CDS_0047)
uvig_176210 65114:77648(-)
CDS_0052
CDS_0051
DNA polymerase (CDS_0050)
uvig_202880 65531:77252(-)
CDS_0052
CDS_0048
CDS_0047
CDS_0046
MGV-GENOME-0363515 65609:77328(-)
49
48
47
46
45
MGV-GENOME-0363191 65781:78068(-)
CDS_0034
CDS_0033
DNA polymerase (CDS_0032)
MGV-GENOME-0351807 48455:58657(-)
homing endonuclease (CDS_0010)
DNA polymerase (CDS_0009)
DNA polymerase (CDS_0011)
uvig_174513 2530:12732(+)
CDS_0045
CDS_0044
CDS_0043
CDS_0039
IMGVR_UViG_3300045988_058571|3300045988|Ga0495776_003131 63098:73355(-)
CDS_0049
CDS_0048
CDS_0047
CDS_0046
IMGVR_UViG_3300045988_048448|3300045988|Ga0495776_002940 63919:74724(-)
CDS_0049
CDS_0048
CDS_0047
CDS_0046
MGV-GENOME-0363123 63732:74258(-)
CDS_0049
CDS_0048
CDS_0047
CDS_0046
IMGVR_UViG_3300045988_049540|3300045988|Ga0495776_114812 63897:74941(-)
HNH endonuclease (CDS_0030)
CDS_0029
CDS_0028
DNA polymerase (CDS_0027)
uvig_60244 40665:51469(-)
HNH endonuclease (CDS_0048)
CDS_0051
CDS_0047
CDS_0046
DNA polymerase (CDS_0045)
uvig_119071 64920:75965(-)
CDS_0035
CDS_0034
CDS_0033
MGV-GENOME-0362191 49053:59012(-)
CDS_0029
CDS_0030
DNA polymerase (CDS_0031)
MGV-GENOME-0346281 12529:22490(+)
CDS_0025
DNA polymerase (CDS_0024)
MGV-GENOME-0343817 25204:34565(-)
CDS_0054
CDS_0053
DNA polymerase (CDS_0052)
MGV-GENOME-4433386 65450:75422(-)
homing endonuclease (CDS_0022)
CDS_0021
CDS_0023
MGV-GENOME-0316103 8972:18760(+)
CDS_0029
CDS_0028
DNA polymerase (CDS_0027)
MGV-GENOME-0344663 40596:50394(-)
CDS_0010
CDS_0011
MGV-GENOME-0350709 4817:13917(+)
CDS_0036
CDS_0037
DNA polymerase (CDS_0038)
MGV-GENOME-0340146 17756:27797(+)
CDS_0048
CDS_0047
CDS_0046
uvig_210267 65334:75362(-)
CDS_0048
CDS_0047
CDS_0046
DNA polymerase (CDS_0045)
uvig_597659 64538:74913(-)
CDS_0051
CDS_0052
CDS_0050
DNA polymerase (CDS_0049)
uvig_298022 53547:63341(-)
DNA polymerase (CDS_0051)
CDS_0052
CDS_0050
DNA polymerase (CDS_0049)
uvig_87125 65745:76177(-)
CDS_0007
CDS_0008
CDS_0009
CDS_0010
MGV-GENOME-0360711 2526:12958(+)
CDS_0048
CDS_0047
CDS_0046
MGV-GENOME-0362971 65469:75208(-)
CDS_0047
CDS_0046
MGV-GENOME-0362185 65765:74812(-)
DNA polymerase (CDS_0046)
DNA polymerase (CDS_0047)
uvig_182787 65710:74812(-)
homing endonuclease (CDS_0026)
HNH endonuclease (CDS_0028)
CDS_0027
CDS_0025
MGV-GENOME-0314338 36925:47231(-)
CDS_0048
CDS_0047
CDS_0046
MGV-GENOME-0364954 65149:74643(-)
homing endonuclease (CDS_0026)
CDS_0028
CDS_0027
CDS_0025
MGV-GENOME-0311866 37146:47472(-)
CDS_0045
CDS_0044
CDS_0043
IMGVR_UViG_3300045988_041117|3300045988|Ga0495776_115021 63716:73420(-)
CDS_0052
CDS_0046
CDS_0045
CDS_0044
IMGVR_UViG_3300045988_065186|3300045988|Ga0495776_057130 65488:78264(-)
CDS_0046
CDS_0045
CDS_0044
uvig_203859 63293:75501(-)
CDS_0044
CDS_0043
IMGVR_UViG_3300029850_000003|3300029850|Ga0245287_100205 63389:74307(-)
CDS_0035
CDS_0034
CDS_0033
MGV-GENOME-0338165 34141:45806(-)
CDS_0037
CDS_0036
CDS_0035
MGV-GENOME-0364032 54503:66910(-)
CDS_0037
CDS_0038
CDS_0039
MGV-GENOME-0348666 16757:29197(+)
CDS_0033
CDS_0032
DNA polymerase (CDS_0031)
uvig_67673 30986:43513(-)
homing endonuclease (CDS_0045)
DNA polymerase (CDS_0046)
DNA polymerase (CDS_0044)
IMGVR_UViG_3300000278_000033|3300000278|EM209_1003484 63501:74966(-)
CDS_0045
CDS_0039
CDS_0038
CDS_0037
MGV-GENOME-0363229 52950:65492(-)
CDS_0053
CDS_0048
CDS_0047
CDS_0046
MGV-GENOME-0362820 66391:77796(-)
CDS_0053
CDS_0052
CDS_0051
CDS_0049CDS_0048
IMGVR_UViG_3300045988_037757|3300045988|Ga0495776_114871 64163:75173(-)
40
39
38
37
36
35
34
33
32
31
30
MGV-GENOME-4425962 41328:52484(-)
Dda-like helicase (CDS_0005)
1
2
3
4
6
7
12
13
14
MGV-GENOME-0320784 2:9761(+)
5000 nt
DNA, RNA and nucleotide metabolism
head and packaging
moron, auxiliary metabolic gene and host takeover
unknown function
Defence