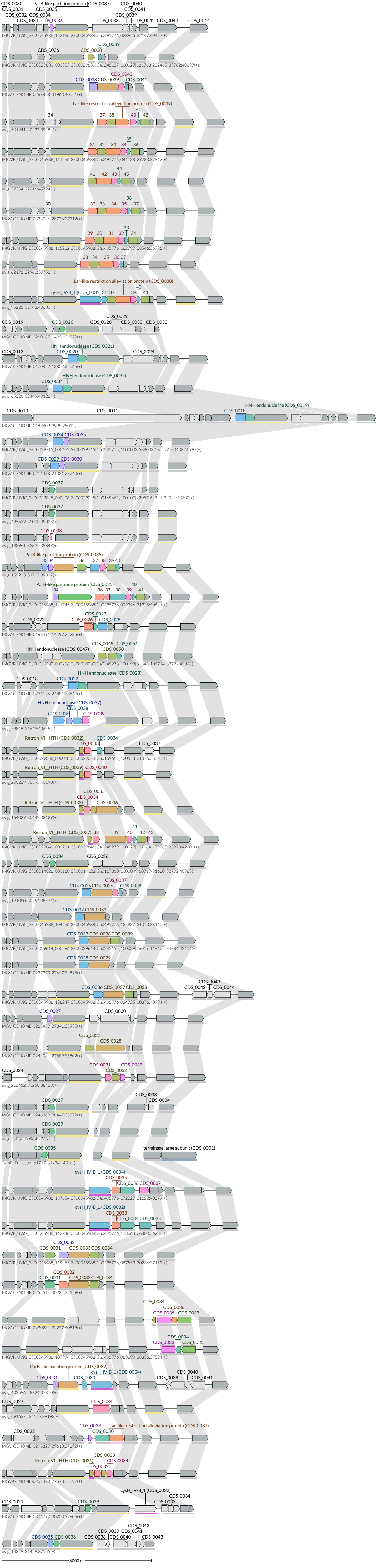
CDS_0030
CDS_0031
CDS_0032
CDS_0033
ParB-like partition protein (CDS_0037)
CDS_0035
CDS_0034
CDS_0036
CDS_0040
CDS_0041
CDS_0039
CDS_0038
CDS_0042
CDS_0043
CDS_0044
IMGVR_UViG_3300045988_113166|3300045988|Ga0495776_028925 32147:40413(+)
CDS_0039
CDS_0036
CDS_0038
IMGVR_UViG_3300029830_000353|3300029830|Ga0245137_100027|181768-222465 33782:40697(+)
CDS_0040
CDS_0038
CDS_0039
CDS_0041
MGV-GENOME-0268828 31963:40051(+)
Lar-like restriction alleviation protein (CDS_0039)
34
37
38
41
40
42
uvig_501241 30237:39184(+)
35
31
32
33
34
36
IMGVR_UViG_3300045988_111266|3300045988|Ga0495776_041138 29283:37812(+)
44
41
42
43
45
uvig_57354 37616:45724(+)
36
30
32
33
34
35
37
MGV-GENOME-0333724 28776:37312(+)
33
29
30
31
32
34
IMGVR_UViG_3300045988_115212|3300045988|Ga0495776_162797 28546:36936(+)
33
34
35
36
37
uvig_62198 22961:30756(+)
Lar-like restriction alleviation protein (CDS_0038)
40
cysH_IV-B_1 (CDS_0035)
36
37
39
41
uvig_95225 31743:40630(+)
CDS_0029
CDS_0019
CDS_0026
CDS_0028
CDS_0030
CDS_0033
MGV-GENOME-0260187 14901:21223(+)
HNH endonuclease (CDS_0021)
CDS_0013
CDS_0020
CDS_0024
MGV-GENOME-0170822 13802:22066(+)
HNH endonuclease (CDS_0035)
CDS_0034
uvig_65521 32449:40126(+)
HNH endonuclease (CDS_0019)
CDS_0010
CDS_0011
CDS_0018
MGV-GENOME-0189409 9998:25012(+)
CDS_0034
CDS_0035
IMGVR_UViG_3300029715_000462|3300029715|Ga0245215_1000003|538033-580276 33433:40997(+)
CDS_0029
CDS_0030
MGV-GENOME-0211388 21331:28740(+)
CDS_0037
IMGVR_UViG_3300029045_000208|3300029045|Ga0169661_100107|22087-64741 34021:40300(+)
CDS_0037
uvig_485529 32003:39028(+)
CDS_0038
uvig_188961 32835:39849(+)
ParB-like partition protein (CDS_0035)
33
34
36
37
38
39
40
uvig_155213 31707:39307(+)
ParB-like partition protein (CDS_0035)
40
34
36
37
38
39
41
IMGVR_UViG_3300045988_121745|3300045988|Ga0495776_029396 31925:40621(+)
CDS_0027
CDS_0022
CDS_0026
CDS_0028
MGV-GENOME-0163491 14497:22285(+)
CDS_0049
CDS_0051
HNH endonuclease (CDS_0047)
CDS_0050
IMGVR_UViG_3300030030_000256|3300030030|Ga0245278_100198|61346-106714 37722:45368(+)
HNH endonuclease (CDS_0023)
CDS_0018
CDS_0022
MGV-GENOME-0231176 24881:33549(+)
HNH endonuclease (CDS_0037)
CDS_0038
CDS_0036
CDS_0039
uvig_78818 31649:40645(+)
Retron_VI_HTH (CDS_0032)
CDS_0034
CDS_0033
CDS_0037
IMGVR_UViG_3300029058_000018|3300029058|Ga0169611_100558 31376:38323(+)
Retron_VI_HTH (CDS_0039)
CDS_0040
uvig_200269 33393:40190(+)
CDS_0035
CDS_0034
Retron_VI_HTH (CDS_0033)
CDS_0036
uvig_164029 30442:38129(+)
41
Retron_VI_HTH (CDS_0037)
38
39
40
42
43
IMGVR_UViG_3300029846_000281|3300029846|Ga0245279_100027|137084-179085 33278:42001(+)
CDS_0034
CDS_0036
IMGVR_UViG_3300014028_000160|3300014028|Ga0117810_1000049|10717-51680 32792:40963(+)
CDS_0037
CDS_0035
CDS_0036
CDS_0038
uvig_191090 30754:38471(+)
CDS_0032
CDS_0033
IMGVR_UViG_3300045988_104566|3300045988|Ga0495776_125837 31053:38160(+)
CDS_0037
CDS_0038
CDS_0039
IMGVR_UViG_3300029614_000296|3300029614|Ga0245155_100039|76019-118175 34384:42156(+)
CDS_0028
CDS_0029
MGV-GENOME-0237973 27647:34895(+)
CDS_0043
CDS_0036
CDS_0037
CDS_0038
CDS_0042
CDS_0044
IMGVR_UViG_3300045988_128247|3300045988|Ga0495776_024725 30876:40994(+)
CDS_0027
CDS_0030
MGV-GENOME-0265459 27841:35935(+)
CDS_0027
CDS_0028
MGV-GENOME-0244031 27889:35802(+)
CDS_0031
CDS_0033
CDS_0032
CDS_0024
uvig_215412 30258:38433(+)
CDS_0033
CDS_0027
CDS_0034
MGV-GENOME-0246389 28447:35372(+)
CDS_0029
uvig_56056 20984:27651(+)
CDS_0035
terminase large subunit (CDS_0001)
TemPhD_cluster_61717 31224:1431(+)
cysH_IV-B_1 (CDS_0034)
CDS_0035
CDS_0036
CDS_0037
IMGVR_UViG_3300045988_157654|3300045988|Ga0495776_172227 31652:40879(+)
cysH_IV-B_1 (CDS_0032)
CDS_0033
CDS_0034
CDS_0035
IMGVR_UViG_3300045988_142746|3300045988|Ga0495776_173668 26800:36286(+)
CDS_0032
CDS_0031
CDS_0033
CDS_0034
IMGVR_UViG_3300045988_119455|3300045988|Ga0495776_087553 30234:37159(+)
CDS_0032
CDS_0031
CDS_0033
CDS_0034
MGV-GENOME-0252514 30234:37159(+)
CDS_0034
CDS_0036
CDS_0035
CDS_0037
MGV-GENOME-0290281 32277:40818(+)
CDS_0034
CDS_0033
CDS_0035
IMGVR_UViG_3300045988_107974|3300045988|Ga0495776_083699 28836:37524(+)
ParB-like partition protein (CDS_0032)
cysH_IV-B_1 (CDS_0034)
CDS_0040
CDS_0031
CDS_0033
CDS_0038
CDS_0041
uvig_402596 28724:37810(+)
CDS_0027
CDS_0034
uvig_491637_ 31513:39198(+)
CDS_0029
Lar-like restriction alleviation protein (CDS_0031)
CDS_0022
CDS_0030
MGV-GENOME-0298827 29610:37892(+)
CDS_0033
Retron_VI_HTH (CDS_0031)
CDS_0034
CDS_0032
MGV-GENOME-0261370 27578:35392(+)
cysH_IV-B_1 (CDS_0032)
CDS_0034
CDS_0021
CDS_0029
CDS_0033
MGV-GENOME-0306797 30203:37905(+)
CDS_0042
CDS_0039
CDS_0041
CDS_0035
CDS_0036
CDS_0038
CDS_0040
CDS_0043
uvig_13349 31429:37555(+)
6000 nt
DNA, RNA and nucleotide metabolism
head and packaging
moron, auxiliary metabolic gene and host takeover
unknown function
Defence