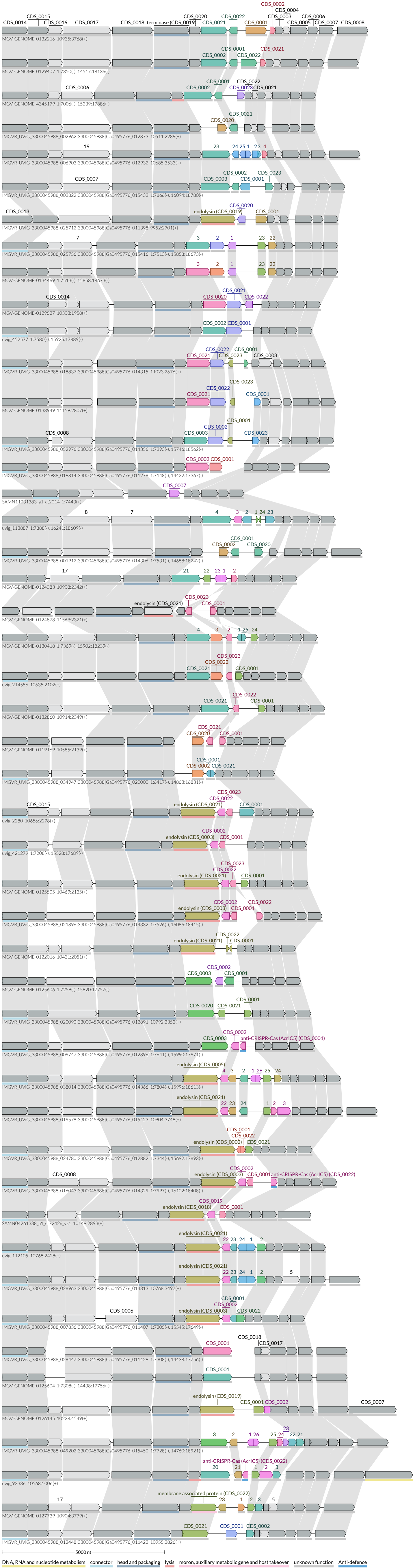
CDS_0002
CDS_0004
CDS_0015
CDS_0014
CDS_0016
CDS_0017
CDS_0018
terminase (CDS_0019)
CDS_0020
CDS_0022
CDS_0021
CDS_0001
CDS_0003
CDS_0006
CDS_0005
CDS_0007
CDS_0008
MGV-GENOME-0132216 10935:3768(+)
CDS_0001
CDS_0021
CDS_0002
CDS_0022
MGV-GENOME-0129407 1:7350(-), 14517:18136(-)
CDS_0001
CDS_0022
CDS_0006
CDS_0002
CDS_0023
CDS_0021
MGV-GENOME-4345179 1:7006(-), 15239:17886(-)
CDS_0021
CDS_0020
IMGVR_UViG_3300045988_002962|3300045988|Ga0495776_012873 10511:2289(+)
19
23
24 25 1 2 3 4
IMGVR_UViG_3300045988_006903|3300045988|Ga0495776_012932 10685:3533(+)
CDS_0002
CDS_0023
CDS_0007
CDS_0003
CDS_0001
IMGVR_UViG_3300045988_003822|3300045988|Ga0495776_015433 1:7866(-), 16094:18780(-)
CDS_0020
CDS_0013
endolysin (CDS_0019)
CDS_0001
IMGVR_UViG_3300045988_025712|3300045988|Ga0495776_011398 9952:2701(+)
7
3 2 1
23 22
IMGVR_UViG_3300045988_025756|3300045988|Ga0495776_015416 1:7513(-), 15858:18673(-)
3 2 1
23 22
MGV-GENOME-0134469 1:7513(-), 15858:18673(-)
CDS_0021
CDS_0014
CDS_0020
CDS_0022
MGV-GENOME-0129527 10303:1958(+)
CDS_0002 CDS_0001
uvig_452577 1:7580(-), 15925:17889(-)
CDS_0022
CDS_0001
CDS_0021
CDS_0023
CDS_0003
IMGVR_UViG_3300045988_018837|3300045988|Ga0495776_014315 11023:2676(+)
CDS_0023
CDS_0022
CDS_0021
CDS_0001
MGV-GENOME-0133949 11159:2807(+)
CDS_0001
CDS_0002
CDS_0008
CDS_0003
CDS_0023
IMGVR_UViG_3300045988_052976|3300045988|Ga0495776_014356 1:7393(-), 15746:18562(-)
CDS_0002 CDS_0001
IMGVR_UViG_3300045988_019814|3300045988|Ga0495776_011278 1:7148(-), 14422:17367(-)
CDS_0007
SAMN11031383_a1_ct2014 1:7443(+)
8
7
4
3 2 1 24 23
uvig_113887 1:7888(-), 16241:18609(-)
CDS_0001
CDS_0002
CDS_0020
IMGVR_UViG_3300045988_001912|3300045988|Ga0495776_014306 1:7531(-), 14688:18242(-)
17
21
22 23 1 2
MGV-GENOME-0124383 10908:2342(+)
CDS_0023
endolysin (CDS_0021)
CDS_0001
MGV-GENOME-0124878 11569:2321(+)
4
3 2 1 25 24
MGV-GENOME-0130418 1:7369(-), 15902:18239(-)
CDS_0023
CDS_0022
CDS_0021
CDS_0001
uvig_214556 10635:2102(+)
CDS_0022
CDS_0021
CDS_0001
MGV-GENOME-0132860 10914:2349(+)
CDS_0021
CDS_0020
CDS_0001
MGV-GENOME-0119169 10585:2139(+)
CDS_0001
CDS_0002 CDS_0021
IMGVR_UViG_3300045988_034947|3300045988|Ga0495776_020000 1:6417(-), 14863:16831(-)
CDS_0023
CDS_0022
CDS_0015
endolysin (CDS_0021)
CDS_0001
uvig_2280 10656:2278(+)
CDS_0002
endolysin (CDS_0003)
CDS_0001
uvig_421279 1:7208(-), 15528:17689(-)
CDS_0023
CDS_0022
endolysin (CDS_0021)
CDS_0001
MGV-GENOME-0125505 10469:2135(+)
CDS_0002
CDS_0022
endolysin (CDS_0003)
CDS_0001
IMGVR_UViG_3300045988_021896|3300045988|Ga0495776_014332 1:7526(-), 16086:18415(-)
CDS_0022
endolysin (CDS_0021)
CDS_0001
MGV-GENOME-0122016 10431:2051(+)
CDS_0002
CDS_0003
CDS_0001
MGV-GENOME-0125606 1:7259(-), 15820:17757(-)
CDS_0001
CDS_0020
CDS_0021
IMGVR_UViG_3300045988_020090|3300045988|Ga0495776_012891 10792:2352(+)
CDS_0002
CDS_0003
anti-CRISPR-Cas (AcrIC5) (CDS_0001)
IMGVR_UViG_3300045988_009747|3300045988|Ga0495776_012896 1:7641(-), 15990:17971(-)
endolysin (CDS_0005)
4 3 2 1 26 25 24
IMGVR_UViG_3300045988_038014|3300045988|Ga0495776_014366 1:7804(-), 15996:18613(-)
endolysin (CDS_0021)
22 23 24 1 2 3
IMGVR_UViG_3300045988_019578|3300045988|Ga0495776_015423 10904:3748(+)
CDS_0001
CDS_0022
endolysin (CDS_0002)
CDS_0021
IMGVR_UViG_3300045988_024780|3300045988|Ga0495776_012882 1:7344(-), 15692:17893(-)
CDS_0002
CDS_0008
endolysin (CDS_0003)
CDS_0001
anti-CRISPR-Cas (AcrIC5) (CDS_0022)
IMGVR_UViG_3300045988_016043|3300045988|Ga0495776_014329 1:7997(-), 16102:18408(-)
CDS_0019
endolysin (CDS_0018)
CDS_0001
SAMN04261338_a1_ct72426_vs1 10149:2893(+)
endolysin (CDS_0021)
22 23 24 1 2
uvig_112105 10768:2428(+)
endolysin (CDS_0021)
22 23 24 1 2 5
IMGVR_UViG_3300045988_028963|3300045988|Ga0495776_014313 10768:3497(+)
CDS_0001
CDS_0002
CDS_0006
endolysin (CDS_0003)
CDS_0022
IMGVR_UViG_3300045988_007836|3300045988|Ga0495776_011407 1:7205(-), 15545:17649(-)
CDS_0018
CDS_0001
CDS_0017
IMGVR_UViG_3300045988_028447|3300045988|Ga0495776_011429 1:7308(-), 14438:17756(-)
CDS_0001
MGV-GENOME-0125604 1:7308(-), 14438:17756(-)
endolysin (CDS_0019)
CDS_0001 CDS_0002
CDS_0007
MGV-GENOME-0126145 10228:4549(+)
23
3 2 1 26 25 24 22 21
IMGVR_UViG_3300045988_049202|3300045988|Ga0495776_015450 1:7728(-), 14760:18921(-)
anti-CRISPR-Cas (AcrIC5) (CDS_0022)
20 21 1 2 3
uvig_92336 10568:5006(+)
membrane associated protein (CDS_0022)
17
23 1 2 3 5
MGV-GENOME-0127739 10904:3779(+)
CDS_0021
CDS_0001
CDS_0002
IMGVR_UViG_3300045988_012448|3300045988|Ga0495776_011423 10955:3826(+)
5000 nt
DNA, RNA and nucleotide metabolism
connector
head and packaging
lysis
moron, auxiliary metabolic gene and host takeover
unknown function
Anti-defence