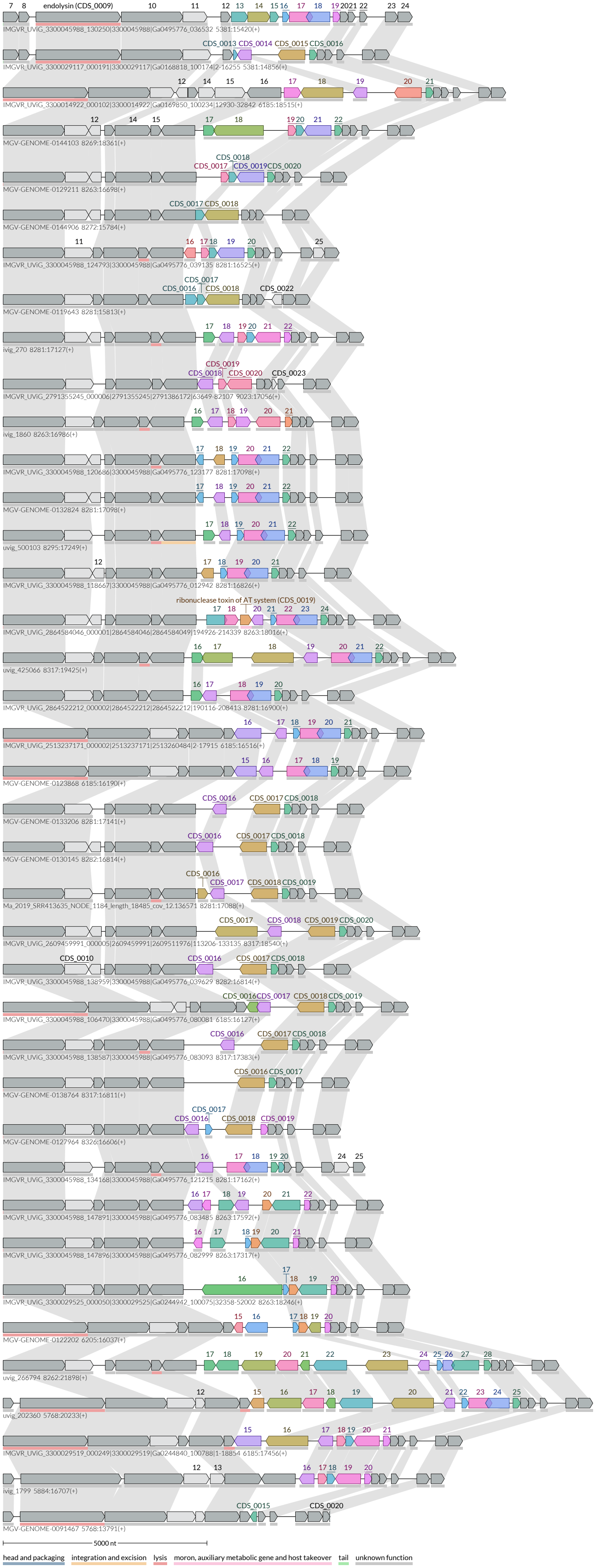
7 8 endolysin (CDS_0009) 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
IMGVR_UViG_3300045988_130250|3300045988|Ga0495776_036532 5381:15420(+)
CDS_0013 CDS_0014 CDS_0015 CDS_0016
IMGVR_UViG_3300029117_000191|3300029117|Ga0168818_100174|2-16255 5381:14856(+)
12 14 15 16 17 18 19 20 21
IMGVR_UViG_3300014922_000102|3300014922|Ga0169850_100234|12930-32842 6185:18515(+)
12 14 15 17 18 19 20 21 22
MGV-GENOME-0144103 8269:18361(+)
CDS_0018
CDS_0017 CDS_0019 CDS_0020
MGV-GENOME-0129211 8263:16698(+)
CDS_0017 CDS_0018
MGV-GENOME-0144906 8272:15784(+)
11 16 17 18 19 20 25
IMGVR_UViG_3300045988_124793|3300045988|Ga0495776_039135 8281:16525(+)
CDS_0017
CDS_0016 CDS_0018 CDS_0022
MGV-GENOME-0119643 8281:15813(+)
17 18 19 20 21 22
ivig_270 8281:17127(+)
CDS_0019
CDS_0018 CDS_0020 CDS_0023
IMGVR_UViG_2791355245_000006|2791355245|2791386172|63649-82107 9023:17056(+)
16 17 18 19 20 21
ivig_1860 8263:16986(+)
17 18 19 20 21 22
IMGVR_UViG_3300045988_120686|3300045988|Ga0495776_123177 8281:17098(+)
17 18 19 20 21 22
MGV-GENOME-0132824 8281:17098(+)
17 18 19 20 21 22
uvig_500103 8295:17249(+)
12 17 18 19 20 21
IMGVR_UViG_3300045988_118667|3300045988|Ga0495776_012942 8281:16826(+)
ribonuclease toxin of AT system (CDS_0019)
17 18 20 21 22 23 24
IMGVR_UViG_2864584046_000001|2864584046|2864584049|194926-214339 8263:18016(+)
16 17 18 19 20 21 22
uvig_425066 8317:19425(+)
16 17 18 19 20
IMGVR_UViG_2864522212_000002|2864522212|2864522212|190116-208413 8281:16900(+)
16 17 18 19 20 21
IMGVR_UViG_2513237171_000002|2513237171|2513260484|2-17915 6185:16516(+)
15 16 17 18 19
MGV-GENOME-0123868 6185:16190(+)
CDS_0016 CDS_0017 CDS_0018
MGV-GENOME-0133206 8281:17141(+)
CDS_0016 CDS_0017 CDS_0018
MGV-GENOME-0130145 8282:16814(+)
CDS_0016
CDS_0017 CDS_0018 CDS_0019
Ma_2019_SRR413635_NODE_1184_length_18485_cov_12.136571 8281:17088(+)
CDS_0017 CDS_0018 CDS_0019 CDS_0020
IMGVR_UViG_2609459991_000005|2609459991|2609511976|113206-133135 8317:18540(+)
CDS_0010 CDS_0016 CDS_0017 CDS_0018
IMGVR_UViG_3300045988_138959|3300045988|Ga0495776_039629 8282:16814(+)
CDS_0016 CDS_0017 CDS_0018 CDS_0019
IMGVR_UViG_3300045988_106470|3300045988|Ga0495776_080081 6185:16127(+)
CDS_0016 CDS_0017 CDS_0018
IMGVR_UViG_3300045988_138587|3300045988|Ga0495776_083093 8317:17383(+)
CDS_0016 CDS_0017
MGV-GENOME-0138764 8317:16811(+)
CDS_0017
CDS_0016 CDS_0018 CDS_0019
MGV-GENOME-0127964 8326:16606(+)
16 17 18 19 20 24 25
IMGVR_UViG_3300045988_134168|3300045988|Ga0495776_121215 8281:17162(+)
16 17 18 19 20 21 22
IMGVR_UViG_3300045988_147891|3300045988|Ga0495776_083485 8263:17592(+)
16 17 18 19 20 21
IMGVR_UViG_3300045988_147896|3300045988|Ga0495776_082999 8263:17317(+)
17
16 18 19 20
IMGVR_UViG_3300029525_000050|3300029525|Ga0244942_100075|32358-52002 8263:18246(+)
15 16 17 18 19 20
MGV-GENOME-0122202 6205:16037(+)
17 18 19 20 21 22 23 24 25 26 27 28
uvig_266794 8262:21898(+)
12 15 16 17 18 19 20 21 22 23 24 25
uvig_202360 5768:20233(+)
15 16 17 18 19 20 21
IMGVR_UViG_3300029519_000249|3300029519|Ga0244840_100788|1-18854 6185:17456(+)
12 13 16 17 18 19 20
ivig_1799 5884:16707(+)
CDS_0015 CDS_0020
MGV-GENOME-0091467 5768:13791(+)
5000 nt
head and packaging
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
tail
unknown function