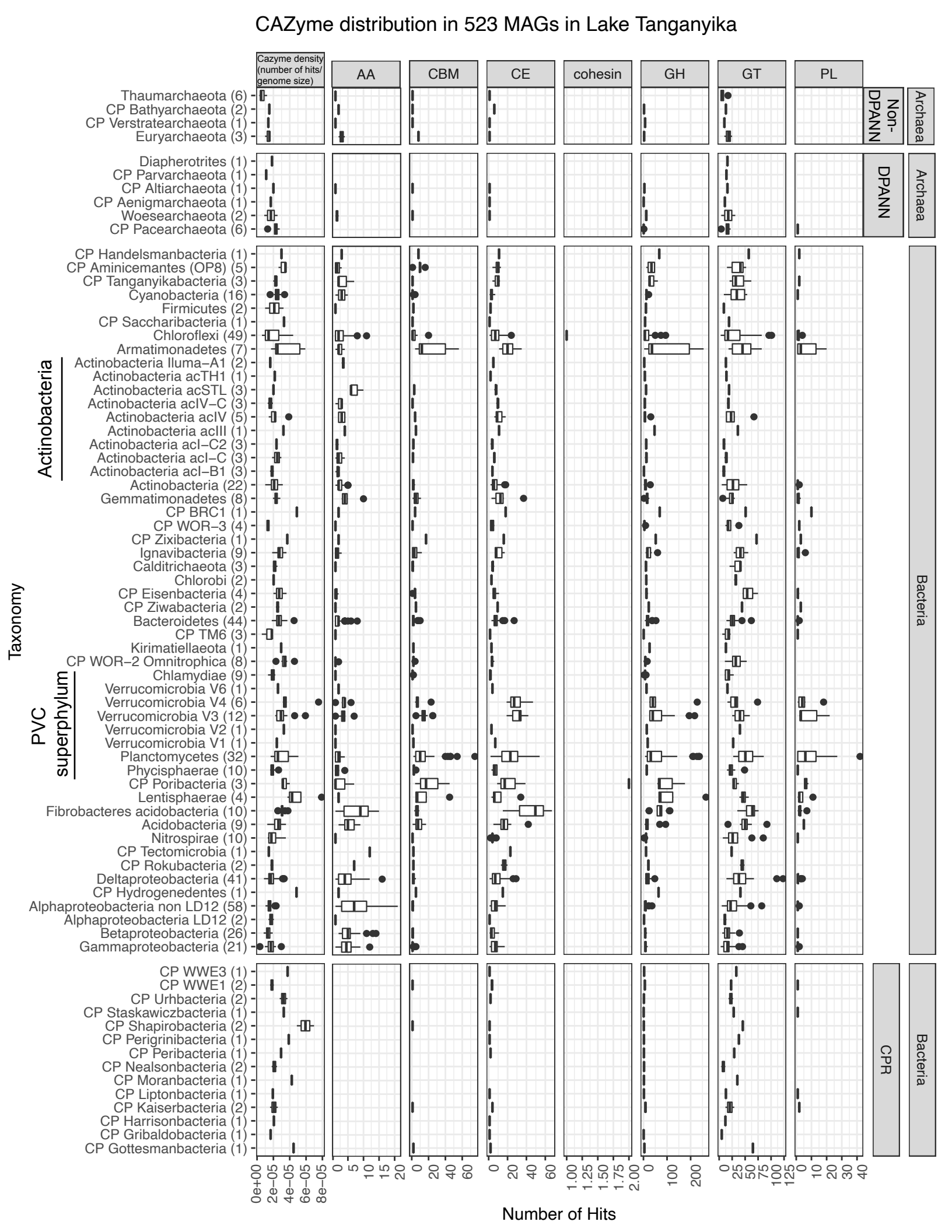
CAZyme distribution in 523 MAGs in Lake Tanganyika
Cazyme density (number of hits/ genome size)
AA
CBM
CE
cohesin
GH
GT
PL
Taxonomy
Thaumarchaeota (6)
CP Bathyarchaeota (2)
CP Verstratearchaeota (1)
Euryarchaeota (3)
Non-DPANN
Archaea
Diapherotrites (1)
CP Parvarchaeota (1)
CP Altiarchaeota (1)
CP Aenigmarchaeota (1)
Woesearchaeota (2)
CP Pacearchaeota (6)
DPANN
Archaea
CP Handelsmanbacteria (1)
CP Aminicemantes (OP8) (5)
CP Tanganyikabacteria (3)
Cyanobacteria (16)
Firmicutes (2)
CP Saccharibacteria (1)
Chloroflexi (49)
Armatimonadetes (7)
Actinobacteria
Actinobacteria Iluma−A1 (2)
Actinobacteria acTH1 (1)
Actinobacteria acSTL (3)
Actinobacteria acIV−C (3)
Actinobacteria acIV (5)
Actinobacteria acIII (1)
Actinobacteria acI−C2 (3)
Actinobacteria acI−C (3)
Actinobacteria acI−B1 (3)
Actinobacteria (22)
Gemmatimonadetes (8)
CP BRC1 (1)
CP WOR−3 (4)
CP Zixibacteria (1)
Ignavibacteria (9)
Calditrichaeota (3)
Chlorobi (2)
CP Eisenbacteria (4)
CP Ziwabacteria (2)
Bacteroidetes (44)
CP TM6 (3)
Kirimatiellaeota (1)
CP WOR−2 Omnitrophica (8)
Chlamydiae (9)
PVC superphylum
Verrucomicrobia V6 (1)
Verrucomicrobia V4 (6)
Verrucomicrobia V3 (12)
Verrucomicrobia V2 (1)
Verrucomicrobia V1 (1)
Planctomycetes (32)
Phycisphaerae (10)
CP Poribacteria (3)
Lentisphaerae (4)
Fibrobacteres acidobacteria (10)
Acidobacteria (9)
Nitrospirae (10)
CP Tectomicrobia (1)
CP Rokubacteria (2)
Deltaproteobacteria (41)
CP Hydrogenedentes (1)
Alphaproteobacteria non LD12 (58)
Alphaproteobacteria LD12 (2)
Betaproteobacteria (26)
Gammaproteobacteria (21)
Bacteria
CP WWE3 (1)
CP WWE1 (2)
CP Urhbacteria (2)
CP Staskawiczbacteria (1)
CP Shapirobacteria (2)
CP Perigrinibacteria (1)
CP Peribacteria (1)
CP Nealsonbacteria (2)
CP Moranbacteria (1)
CP Liptonbacteria (1)
CP Kaiserbacteria (2)
CP Harrisonbacteria (1)
CP Gribaldobacteria (1)
CP Gottesmanbacteria (1)
CPR
Bacteria
0e+00
2e−05
4e−05
6e−05
8e−05
0
5
10
15
20
0
20
40
60
0
20
40
60
1.00
1.25
1.50
1.75
2.00
0
100
200
0
25
50
75
100
125
0
10
20
30
40
Number of Hits