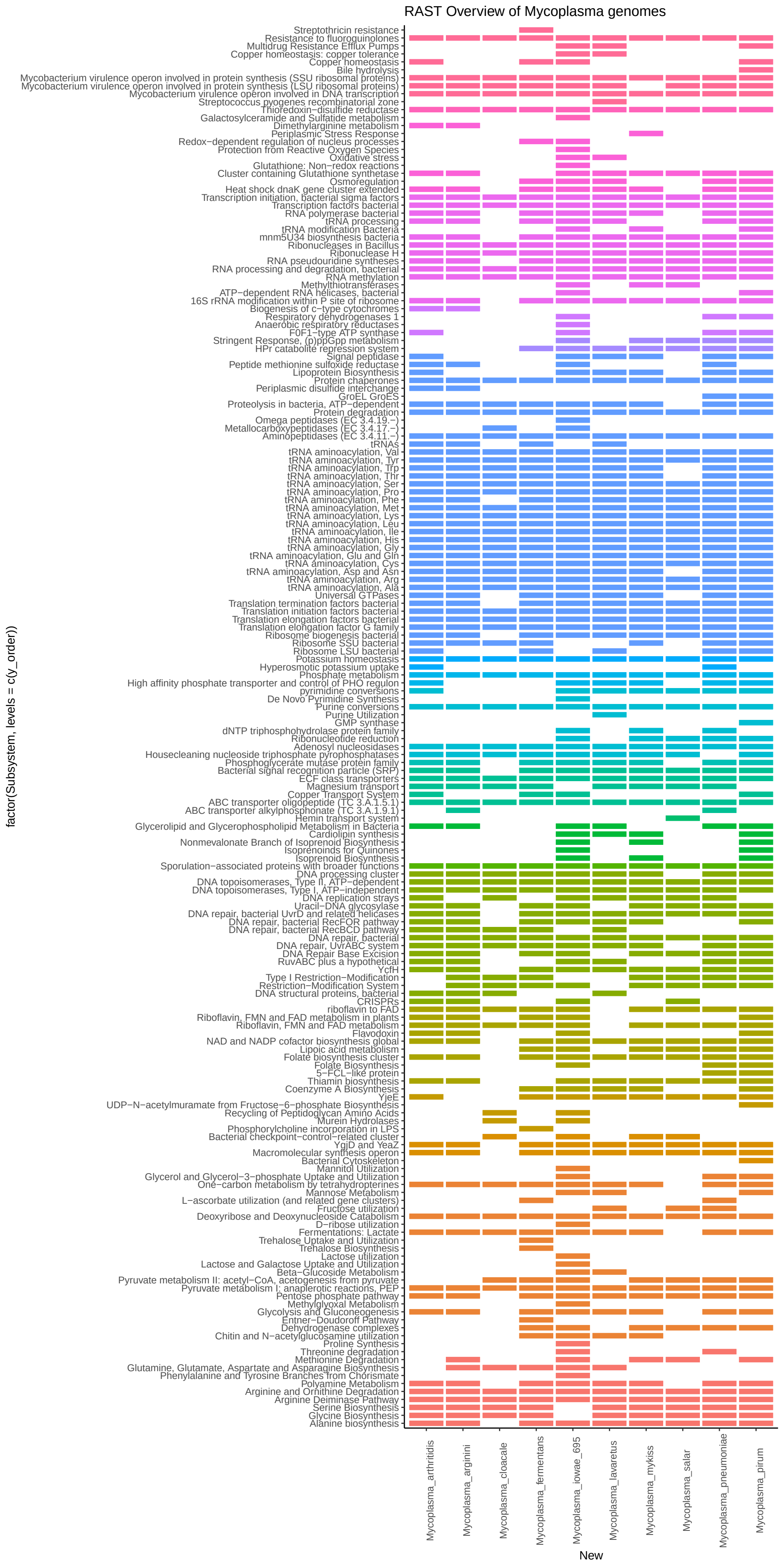
RAST Overview of Mycoplasma genomes
factor(Subsystem, levels = c(y_order))
Streptothricin resistance
Resistance to fluoroquinolones
Multidrug Resistance Efflux Pumps
Copper homeostasis: copper tolerance
Copper homeostasis
Bile hydrolysis
Mycobacterium virulence operon involved in protein synthesis (SSU ribosomal proteins)
Mycobacterium virulence operon involved in protein synthesis (LSU ribosomal proteins)
Mycobacterium virulence operon involved in DNA transcription
Streptococcus pyogenes recombinatorial zone
Thioredoxin−disulfide reductase
Galactosylceramide and Sulfatide metabolism
Dimethylarginine metabolism
Periplasmic Stress Response
Redox−dependent regulation of nucleus processes
Protection from Reactive Oxygen Species
Oxidative stress
Glutathione: Non−redox reactions
Cluster containing Glutathione synthetase
Osmoregulation
Heat shock dnaK gene cluster extended
Transcription initiation, bacterial sigma factors
Transcription factors bacterial
RNA polymerase bacterial
tRNA processing
tRNA modification Bacteria
mnm5U34 biosynthesis bacteria
Ribonucleases in Bacillus
Ribonuclease H
RNA pseudouridine syntheses
RNA processing and degradation, bacterial
RNA methylation
Methylthiotransferases
ATP−dependent RNA helicases, bacterial
16S rRNA modification within P site of ribosome
Biogenesis of c−type cytochromes
Respiratory dehydrogenases 1
Anaerobic respiratory reductases
F0F1−type ATP synthase
Stringent Response, (p)ppGpp metabolism
HPr catabolite repression system
Signal peptidase
Peptide methionine sulfoxide reductase
Lipoprotein Biosynthesis
Protein chaperones
Periplasmic disulfide interchange
GroEL GroES
Proteolysis in bacteria, ATP−dependent
Protein degradation
Omega peptidases (EC 3.4.19.−)
Metallocarboxypeptidases (EC 3.4.17.−)
Aminopeptidases (EC 3.4.11.−)
tRNAs
tRNA aminoacylation, Val
tRNA aminoacylation, Tyr
tRNA aminoacylation, Trp
tRNA aminoacylation, Thr
tRNA aminoacylation, Ser
tRNA aminoacylation, Pro
tRNA aminoacylation, Phe
tRNA aminoacylation, Met
tRNA aminoacylation, Lys
tRNA aminoacylation, Leu
tRNA aminoacylation, Ile
tRNA aminoacylation, His
tRNA aminoacylation, Gly
tRNA aminoacylation, Glu and Gln
tRNA aminoacylation, Cys
tRNA aminoacylation, Asp and Asn
tRNA aminoacylation, Arg
tRNA aminoacylation, Ala
Universal GTPases
Translation termination factors bacterial
Translation initiation factors bacterial
Translation elongation factors bacterial
Translation elongation factor G family
Ribosome biogenesis bacterial
Ribosome SSU bacterial
Ribosome LSU bacterial
Potassium homeostasis
Hyperosmotic potassium uptake
Phosphate metabolism
High affinity phosphate transporter and control of PHO regulon
pyrimidine conversions
De Novo Pyrimidine Synthesis
Purine conversions
Purine Utilization
GMP synthase
dNTP triphosphohydrolase protein family
Ribonucleotide reduction
Adenosyl nucleosidases
Housecleaning nucleoside triphosphate pyrophosphatases
Phosphoglycerate mutase protein family
Bacterial signal recognition particle (SRP)
ECF class transporters
Magnesium transport
Copper Transport System
ABC transporter oligopeptide (TC 3.A.1.5.1)
ABC transporter alkylphosphonate (TC 3.A.1.9.1)
Hemin transport system
Glycerolipid and Glycerophospholipid Metabolism in Bacteria
Cardiolipin synthesis
Nonmevalonate Branch of Isoprenoid Biosynthesis
Isoprenoinds for Quinones
Isoprenoid Biosynthesis
Sporulation−associated proteins with broader functions
DNA processing cluster
DNA topoisomerases, Type II, ATP−dependent
DNA topoisomerases, Type I, ATP−independent
DNA replication strays
Uracil−DNA glycosylase
DNA repair, bacterial UvrD and related helicases
DNA repair, bacterial RecFOR pathway
DNA repair, bacterial RecBCD pathway
DNA repair, bacterial
DNA repair, UvrABC system
DNA Repair Base Excision
RuvABC plus a hypothetical
YcfH
Type I Restriction−Modification
Restriction−Modification System
DNA structural proteins, bacterial
CRISPRs
riboflavin to FAD
Riboflavin, FMN and FAD metabolism in plants
Riboflavin, FMN and FAD metabolism
Flavodoxin
NAD and NADP cofactor biosynthesis global
Lipoic acid metabolism
Folate biosynthesis cluster
Folate Biosynthesis
5−FCL−like protein
Thiamin biosynthesis
Coenzyme A Biosynthesis
YjeE
UDP−N−acetylmuramate from Fructose−6−phosphate Biosynthesis
Recycling of Peptidoglycan Amino Acids
Murein Hydrolases
Phosphorylcholine incorporation in LPS
Bacterial checkpoint−control−related cluster
YgjD and YeaZ
Macromolecular synthesis operon
Bacterial Cytoskeleton
Mannitol Utilization
Glycerol and Glycerol−3−phosphate Uptake and Utilization
One−carbon metabolism by tetrahydropterines
Mannose Metabolism
L−ascorbate utilization (and related gene clusters)
Fructose utilization
Deoxyribose and Deoxynucleoside Catabolism
D−ribose utilization
Fermentations: Lactate
Trehalose Uptake and Utilization
Trehalose Biosynthesis
Lactose utilization
Lactose and Galactose Uptake and Utilization
Beta−Glucoside Metabolism
Pyruvate metabolism II: acetyl−CoA, acetogenesis from pyruvate
Pyruvate metabolism I: anaplerotic reactions, PEP
Pentose phosphate pathway
Methylglyoxal Metabolism
Glycolysis and Gluconeogenesis
Entner−Doudoroff Pathway
Dehydrogenase complexes
Chitin and N−acetylglucosamine utilization
Proline Synthesis
Threonine degradation
Methionine Degradation
Glutamine, Glutamate, Aspartate and Asparagine Biosynthesis
Phenylalanine and Tyrosine Branches from Chorismate
Polyamine Metabolism
Arginine and Ornithine Degradation
Arginine Deiminase Pathway
Serine Biosynthesis
Glycine Biosynthesis
Alanine biosynthesis
Mycoplasma_arthritidis
Mycoplasma_arginini
Mycoplasma_cloacale
Mycoplasma_fermentans
Mycoplasma_iowae_695
Mycoplasma_lavaretus
Mycoplasma_mykiss
Mycoplasma_salar
Mycoplasma_pneumoniae
Mycoplasma_pirum
New