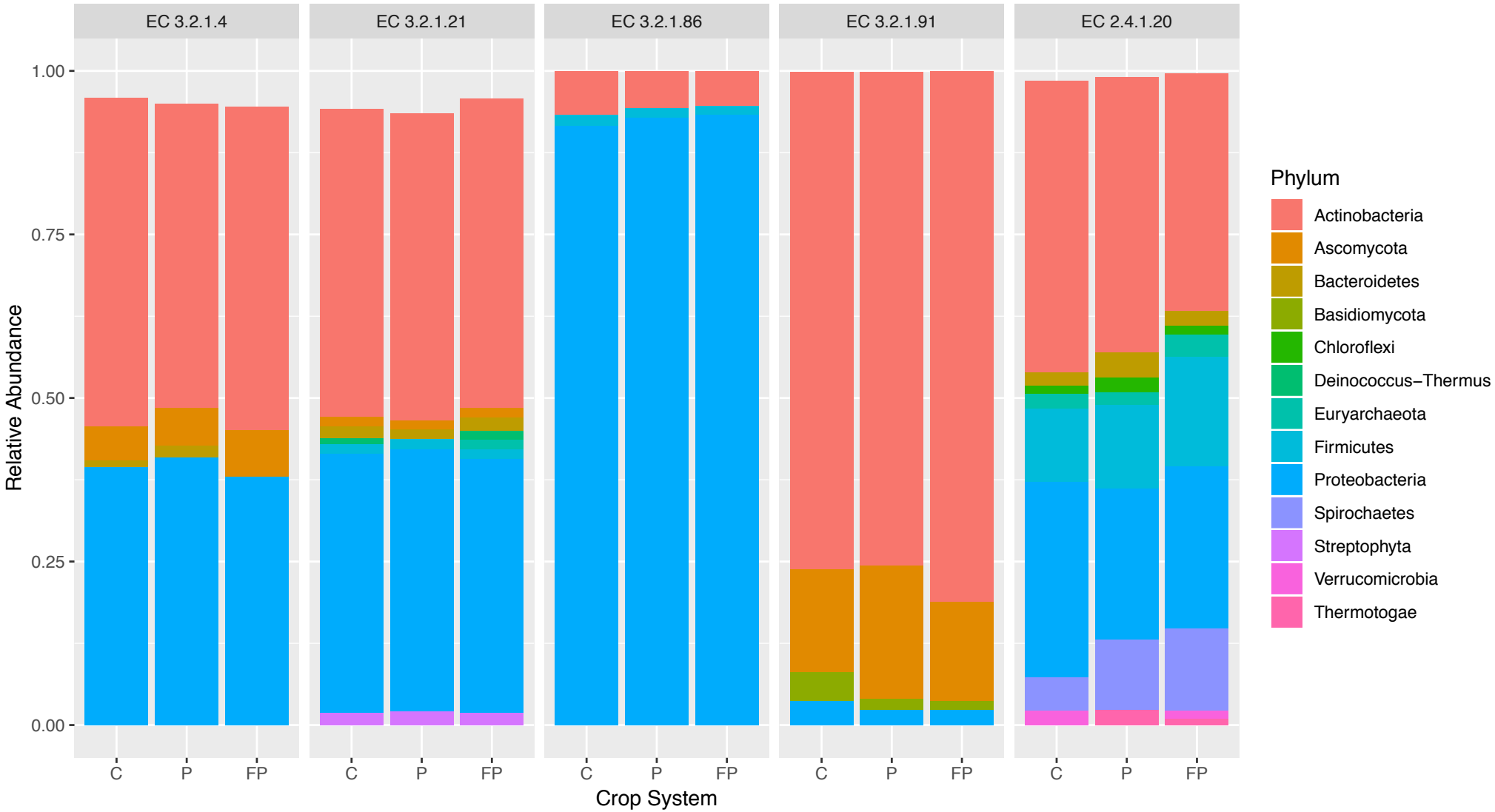
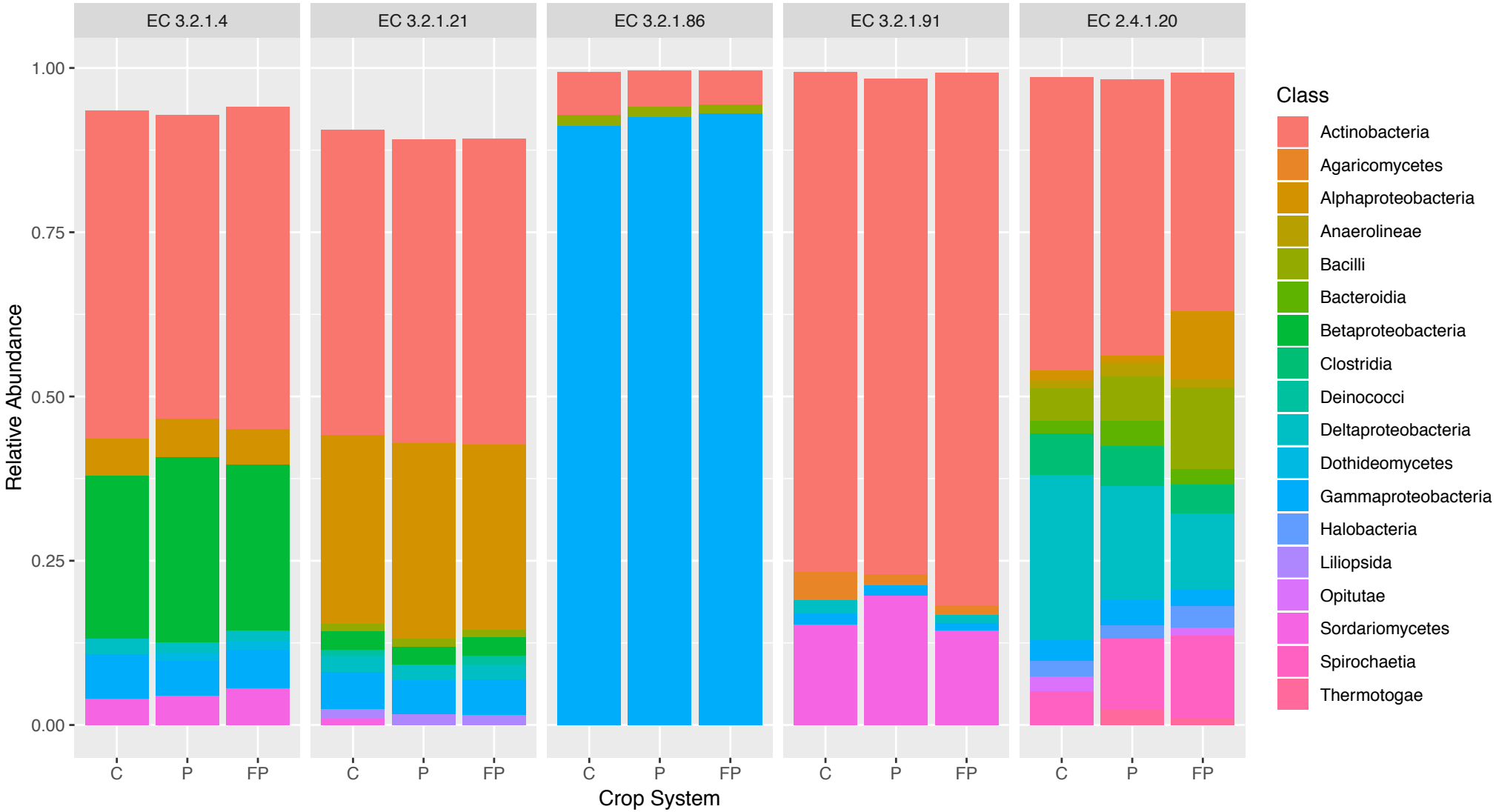
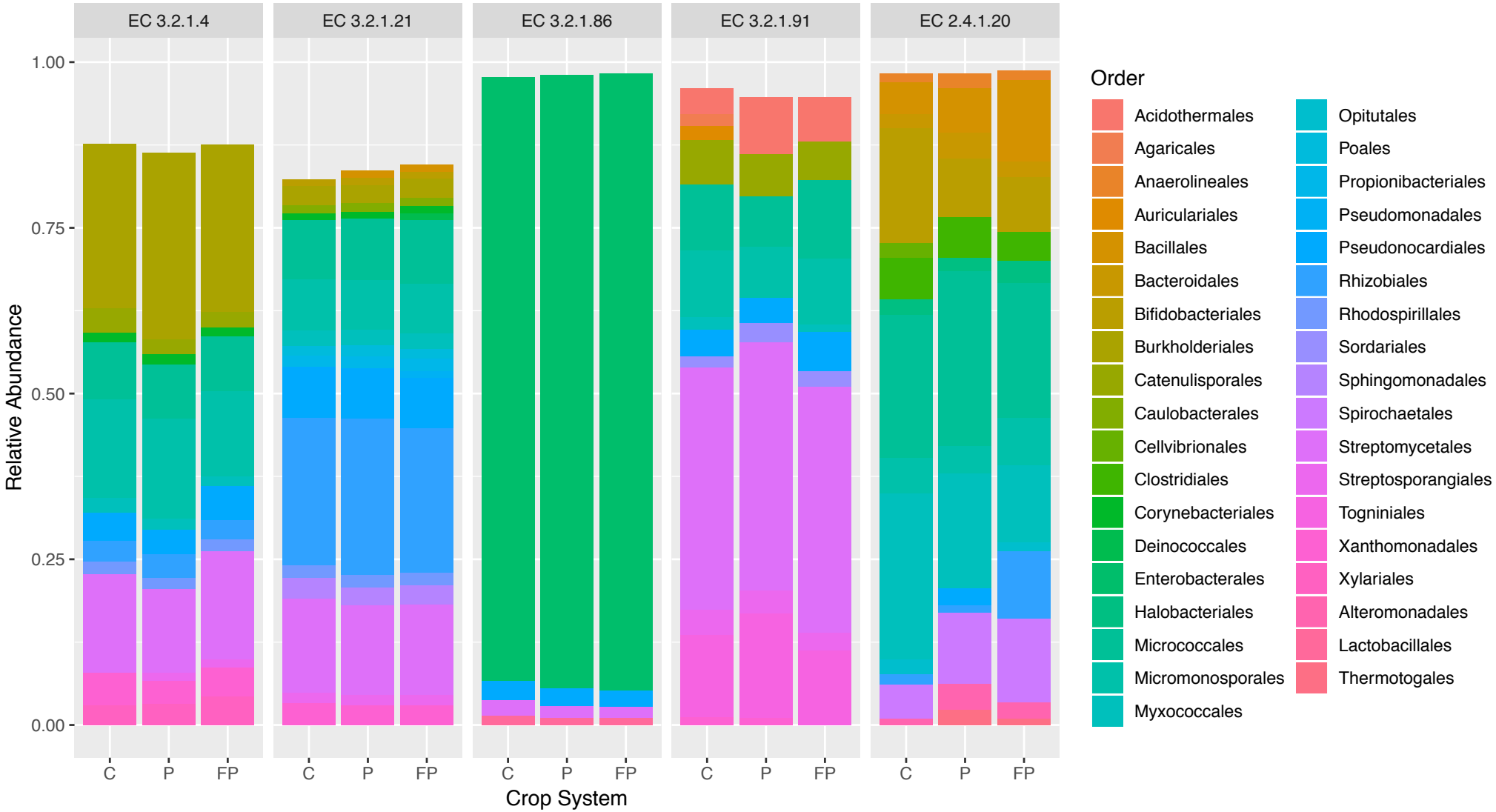
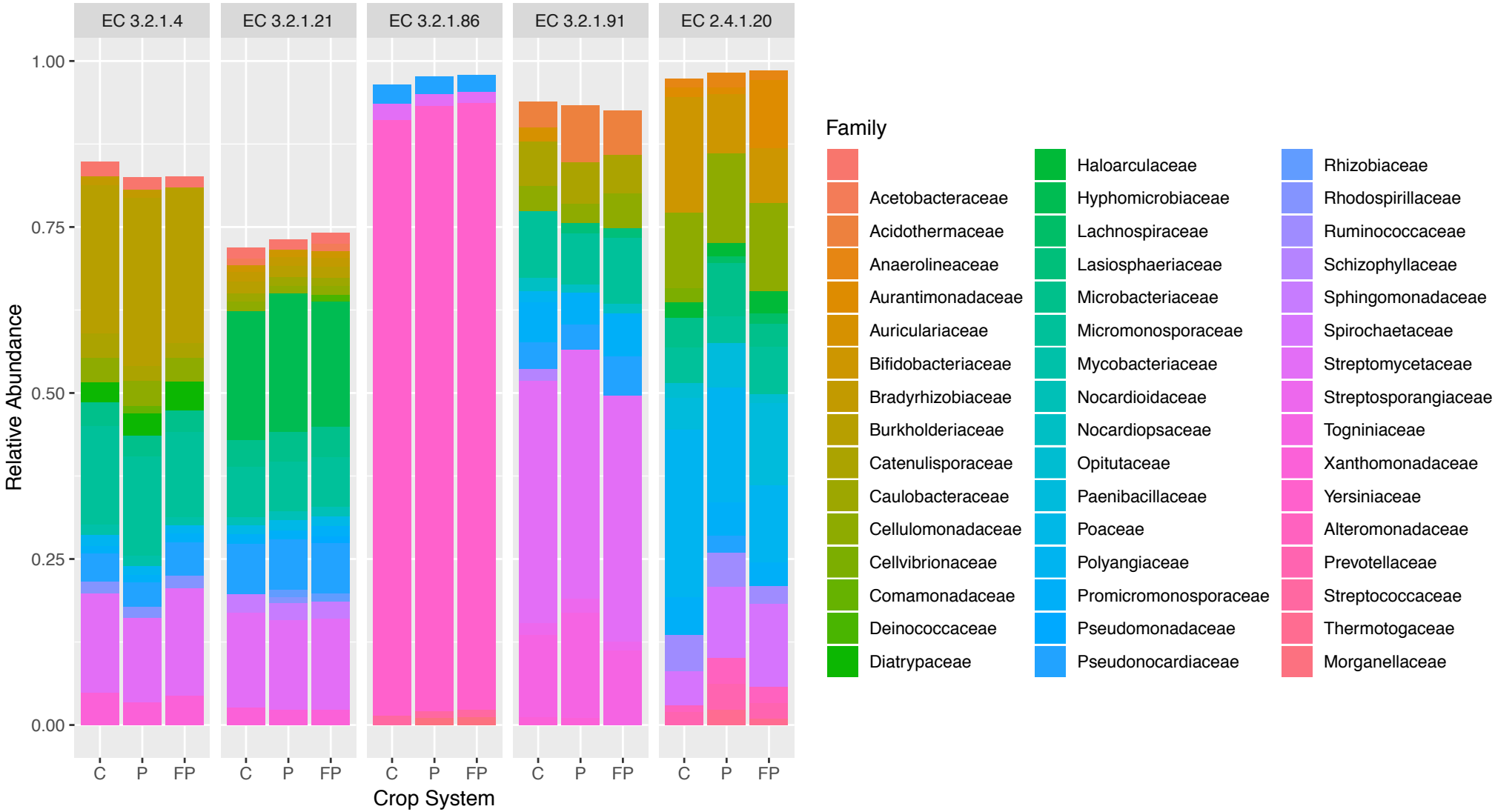
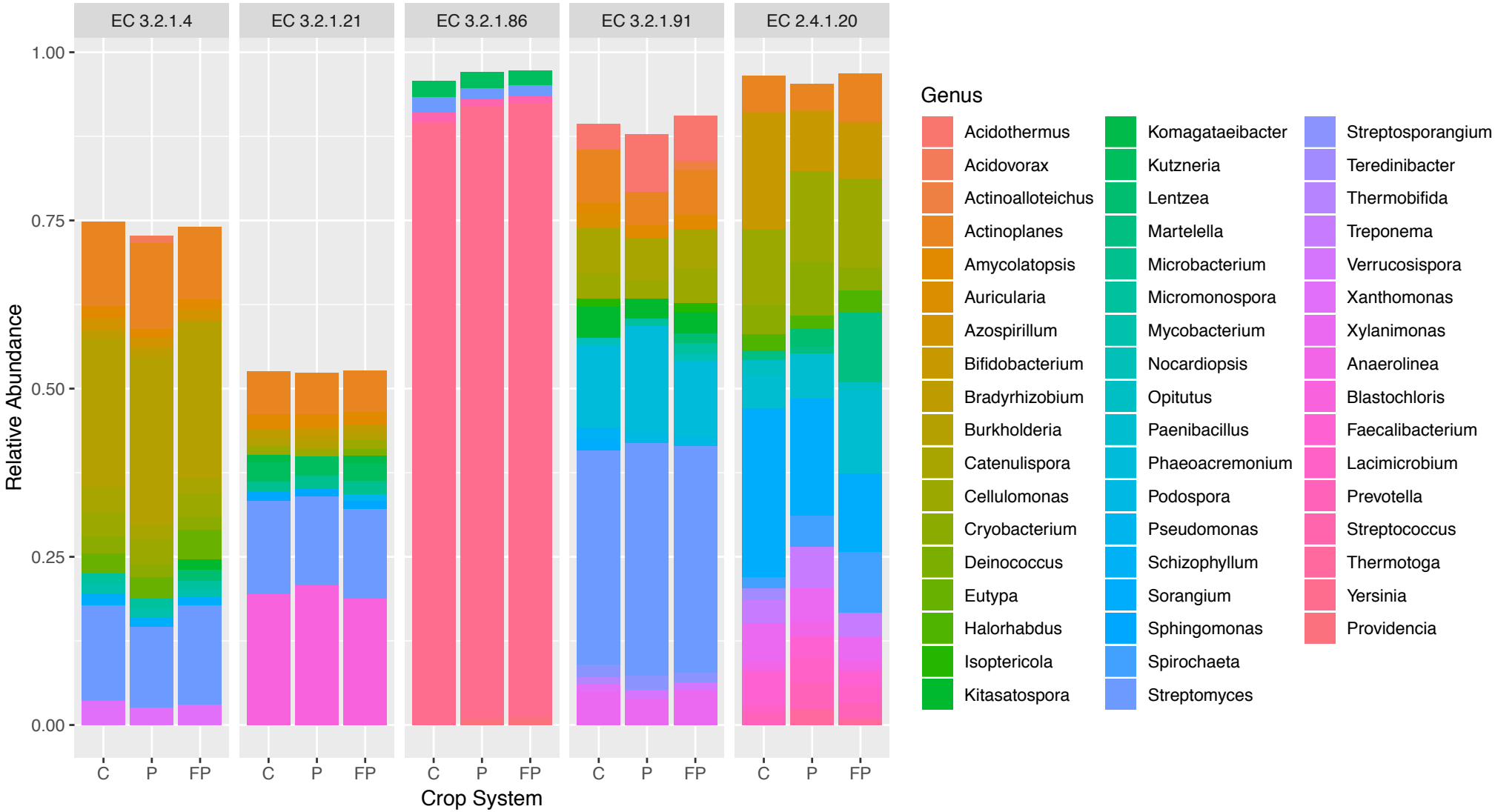

EC 3.2.1.4
EC 3.2.1.21
EC 3.2.1.86
EC 3.2.1.91
EC 2.4.1.20
Relative Abundance
1.00
0.75
0.50
0.25
0.00
C
P
FP
Crop System
Phylum
Actinobacteria
Ascomycota
Bacteroidetes
Basidiomycota
Chloroflexi
Deinococcus−Thermus
Euryarchaeota
Firmicutes
Proteobacteria
Spirochaetes
Streptophyta
Verrucomicrobia
Thermotogae


EC 3.2.1.4
EC 3.2.1.21
EC 3.2.1.86
EC 3.2.1.91
EC 2.4.1.20
Relative Abundance
1.00
0.75
0.50
0.25
0.00
C
P
FP
Crop System
Class
Actinobacteria
Agaricomycetes
Alphaproteobacteria
Anaerolineae
Bacilli
Bacteroidia
Betaproteobacteria
Clostridia
Deinococci
Deltaproteobacteria
Dothideomycetes
Gammaproteobacteria
Halobacteria
Liliopsida
Opitutae
Sordariomycetes
Spirochaetia
Thermotogae


EC 3.2.1.4
EC 3.2.1.21
EC 3.2.1.86
EC 3.2.1.91
EC 2.4.1.20
Relative Abundance
1.00
0.75
0.50
0.25
0.00
C
P
FP
Crop System
Order
Acidothermales
Agaricales
Anaerolineales
Auriculariales
Bacillales
Bacteroidales
Bifidobacteriales
Burkholderiales
Catenulisporales
Caulobacterales
Cellvibrionales
Clostridiales
Corynebacteriales
Deinococcales
Enterobacterales
Halobacteriales
Micrococcales
Micromonosporales
Myxococcales
Opitutales
Poales
Propionibacteriales
Pseudomonadales
Pseudonocardiales
Rhizobiales
Rhodospirillales
Sordariales
Sphingomonadales
Spirochaetales
Streptomycetales
Streptosporangiales
Togniniales
Xanthomonadales
Xylariales
Alteromonadales
Lactobacillales
Thermotogales


EC 3.2.1.4
EC 3.2.1.21
EC 3.2.1.86
EC 3.2.1.91
EC 2.4.1.20
Relative Abundance
1.00
0.75
0.50
0.25
0.00
C
P
FP
Crop System
Family
Acetobacteraceae
Acidothermaceae
Anaerolineaceae
Aurantimonadaceae
Auriculariaceae
Bifidobacteriaceae
Bradyrhizobiaceae
Burkholderiaceae
Catenulisporaceae
Caulobacteraceae
Cellulomonadaceae
Cellvibrionaceae
Comamonadaceae
Deinococcaceae
Diatrypaceae
Haloarculaceae
Hyphomicrobiaceae
Lachnospiraceae
Lasiosphaeriaceae
Microbacteriaceae
Micromonosporaceae
Mycobacteriaceae
Nocardioidaceae
Nocardiopsaceae
Opitutaceae
Paenibacillaceae
Poaceae
Polyangiaceae
Promicromonosporaceae
Pseudomonadaceae
Pseudonocardiaceae
Rhizobiaceae
Rhodospirillaceae
Ruminococcaceae
Schizophyllaceae
Sphingomonadaceae
Spirochaetaceae
Streptomycetaceae
Streptosporangiaceae
Togniniaceae
Xanthomonadaceae
Yersiniaceae
Alteromonadaceae
Prevotellaceae
Streptococcaceae
Thermotogaceae
Morganellaceae


EC 3.2.1.4
EC 3.2.1.21
EC 3.2.1.86
EC 3.2.1.91
EC 2.4.1.20
Relative Abundance
1.00
0.75
0.50
0.25
0.00
C
P
FP
Crop System
Genus
Acidothermus
Acidovorax
Actinoalloteichus
Actinoplanes
Amycolatopsis
Auricularia
Azospirillum
Bifidobacterium
Bradyrhizobium
Burkholderia
Catenulispora
Cellulomonas
Cryobacterium
Deinococcus
Eutypa
Halorhabdus
Isoptericola
Kitasatospora
Komagataeibacter
Kutzneria
Lentzea
Martelella
Microbacterium
Micromonospora
Mycobacterium
Nocardiopsis
Opitutus
Paenibacillus
Phaeoacremonium
Podospora
Pseudomonas
Schizophyllum
Sorangium
Sphingomonas
Spirochaeta
Streptomyces
Streptosporangium
Teredinibacter
Thermobifida
Treponema
Verrucosispora
Xanthomonas
Xylanimonas
Anaerolinea
Blastochloris
Faecalibacterium
Lacimicrobium
Prevotella
Streptococcus
Thermotoga
Yersinia
Providencia