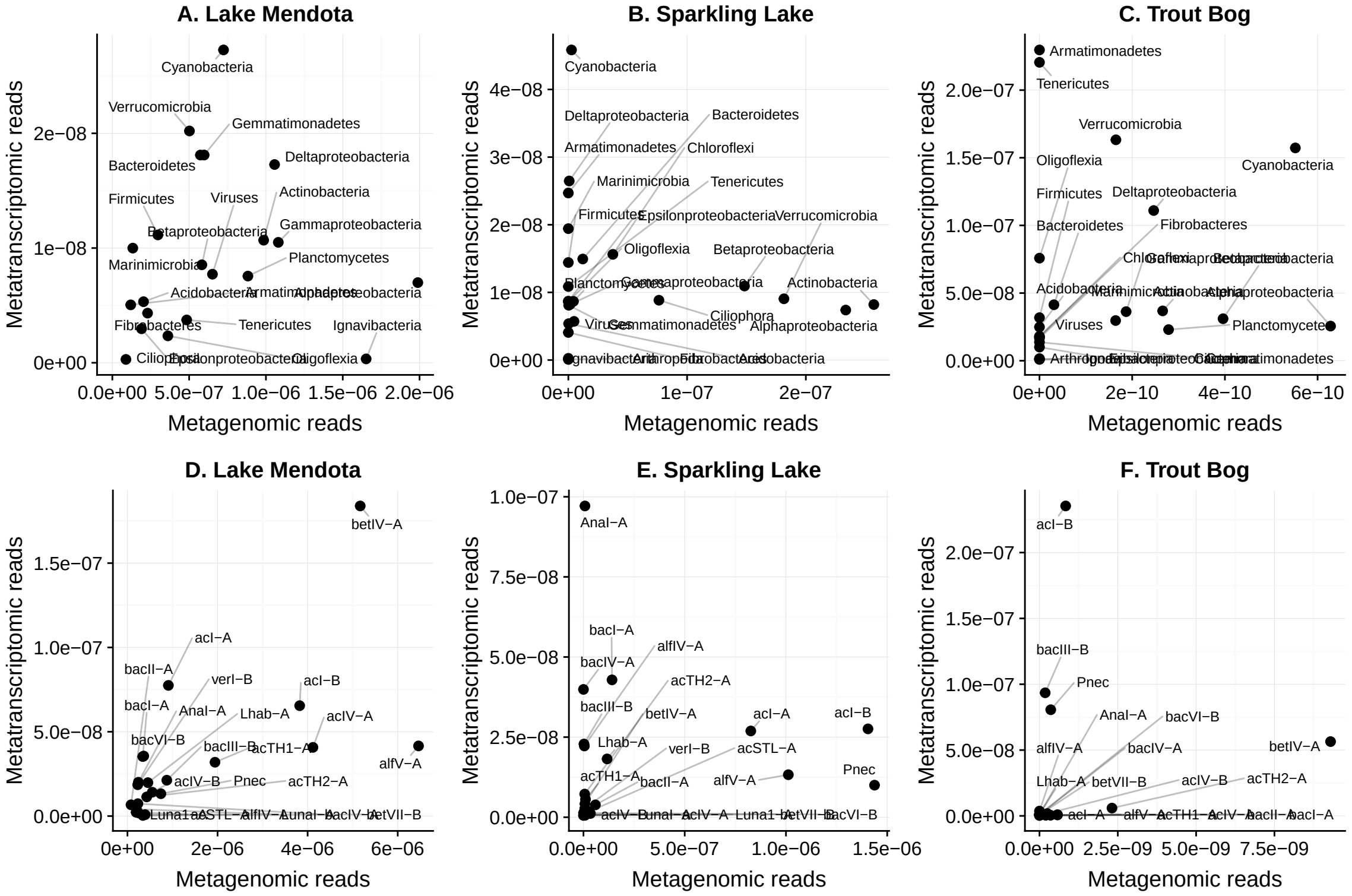
A. Lake Mendota
Metatranscriptomic reads
Metagenomic reads
0.0e+00
5.0e−07
1.0e−06
1.5e−06
2.0e−06
0e+00
1e−08
2e−08
Cyanobacteria
Verrucomicrobia
Gemmatimonadetes
Bacteroidetes
Deltaproteobacteria
Actinobacteria
Firmicutes
Viruses
Betaproteobacteria
Gammaproteobacteria
Planctomycetes
Marinimicrobia
Acidobacteria
Alphaproteobacteria
Fibrobacteres
Tenericutes
Ignavibacteria
Ciliophora
Epsilonproteobacteria
Oligoflexia
B. Sparkling Lake
Metatranscriptomic reads
Metagenomic reads
0e+00
1e−07
2e−07
0e+00
1e−08
2e−08
3e−08
4e−08
Cyanobacteria
Deltaproteobacteria
Bacteroidetes
Armatimonadetes
Chloroflexi
Marinimicrobia
Tenericutes
Firmicutes
Epsilonproteobacteria
Verrucomicrobia
Oligoflexia
Betaproteobacteria
Planctomycetes
Gammaproteobacteria
Actinobacteria
Ciliophora
Viruses
Gemmatimonadetes
Alphaproteobacteria
Ignavibacteria
Arthropoda
Fibrobacteres
Acidobacteria
C. Trout Bog
Metatranscriptomic reads
Metagenomic reads
0.0e+00
2e−10
4e−10
6e−10
0.0e+00
5.0e−08
1.0e−07
1.5e−07
2.0e−07
Armatimonadetes
Tenericutes
Verrucomicrobia
Oligoflexia
Cyanobacteria
Firmicutes
Deltaproteobacteria
Bacteroidetes
Fibrobacteres
Acidobacteria
Viruses
Planctomycetes
D. Lake Mendota
Metatranscriptomic reads
Metagenomic reads
0.0e+00
2e−06
4e−06
6e−06
0.0e+00
5.0e−08
1.0e−07
1.5e−07
betIV−A
acI−A
bacII−A
verI−B
acI−B
bacI−A
AnaI−A
Lhab−A
acIV−A
bacVI−B
bacIII−B
acTH1−A
alfV−A
acIV−B
Pnec
acTH2−A
Luna1
acSTL−A
alfIV−A
AunaI−A
bacIV−A
betVII−B
E. Sparkling Lake
Metatranscriptomic reads
Metagenomic reads
0.0e+00
5.0e−07
1.0e−06
1.5e−06
0.0e+00
2.5e−08
5.0e−08
7.5e−08
1.0e−07
AnaI−A
bacI−A
alfIV−A
bacIV−A
acTH2−A
bacIII−B
betIV−A
acI−A
acI−B
Lhab−A
verI−B
acSTL−A
acTH1−A
bacII−A
alfV−A
Pnec
acIV−B
AunaI−A
acIV−A
Luna1
betVII−B
bacVI−B
F. Trout Bog
Metatranscriptomic reads
Metagenomic reads
0.0e+00
2.5e−09
5.0e−09
7.5e−09
0.0e+00
5.0e−08
1.0e−07
1.5e−07
2.0e−07
acI−B
bacIII−B
Pnec
AnaI−A
bacVI−B
alfIV−A
bacIV−A
betIV−A
Lhab−A
betVII−B
acIV−B
acTH2−A
acI−A
alfV−A
acTH1−A
acIV−A
bacII−A
bacI−A