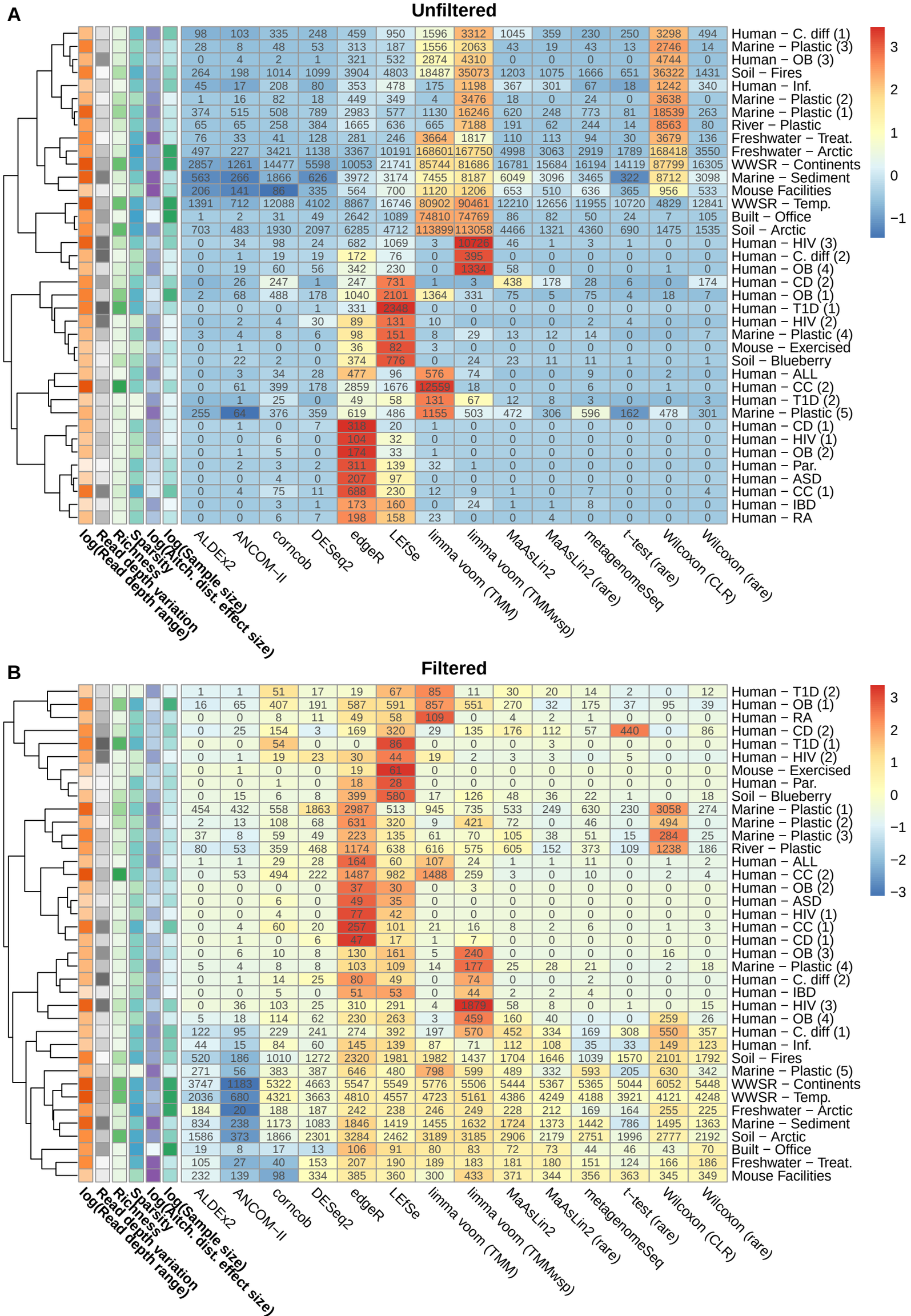
A
Unfiltered
Human − C. diff (1)
Marine − Plastic (3)
Human − OB (3)
Soil − Fires
Human − Inf.
Marine − Plastic (2)
Marine − Plastic (1)
River − Plastic
Freshwater − Treat.
Freshwater − Arctic
WWSR − Continents
Marine − Sediment
Mouse Facilities
WWSR − Temp.
Built − Office
Soil − Arctic
Human − HIV (3)
Human − C. diff (2)
Human − OB (4)
Human − CD (2)
Human − OB (1)
Human − T1D (1)
Human − HIV (2)
Marine − Plastic (4)
Mouse − Exercised
Soil − Blueberry
Human − ALL
Human − CC (2)
Human − T1D (2)
Marine − Plastic (5)
Human − CD (1)
Human − HIV (1)
Human − OB (2)
Human − Par.
Human − ASD
Human − CC (1)
Human − IBD
Human − RA
log(Read depth range)
Read depth variation
Richness
Sparsity
log(Sample size)
log(Aitch. dist. effect size)
ALDEx2
ANCOM−II
corncob
DESeq2
edgeR
LEfSe
limma voom (TMM)
limma voom (TMMwsp)
MaAsLin2
MaAsLin2 (rare)
metagenomeSeq
t−test (rare)
Wilcoxon (CLR)
Wilcoxon (rare)
3
2
1
0
−1
B
Filtered
Human − T1D (2)
Human − OB (1)
Human − RA
Human − CD (2)
Human − T1D (1)
Human − HIV (2)
Mouse − Exercised
Human − Par.
Soil − Blueberry
Marine − Plastic (1)
Marine − Plastic (2)
Marine − Plastic (3)
River − Plastic
Human − ALL
Human − CC (2)
Human − OB (2)
Human − ASD
Human − HIV (1)
Human − CC (1)
Human − CD (1)
Human − OB (3)
Marine − Plastic (4)
Human − C. diff (2)
Human − IBD
Human − HIV (3)
Human − OB (4)
Human − C. diff (1)
Human − Inf.
Soil − Fires
Marine − Plastic (5)
WWSR − Continents
WWSR − Temp.
Freshwater − Arctic
Marine − Sediment
Soil − Arctic
Built − Office
Freshwater − Treat.
Mouse Facilities
log(Read depth range)
Read depth variation
Richness
Sparsity
log(Sample size)
log(Aitch. dist. effect size)
ALDEx2
ANCOM−II
corncob
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limma voom (TMM)
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MaAsLin2
MaAsLin2 (rare)
metagenomeSeq
t−test (rare)
Wilcoxon (CLR)
Wilcoxon (rare)
3
2
1
0
−1
−2
−3