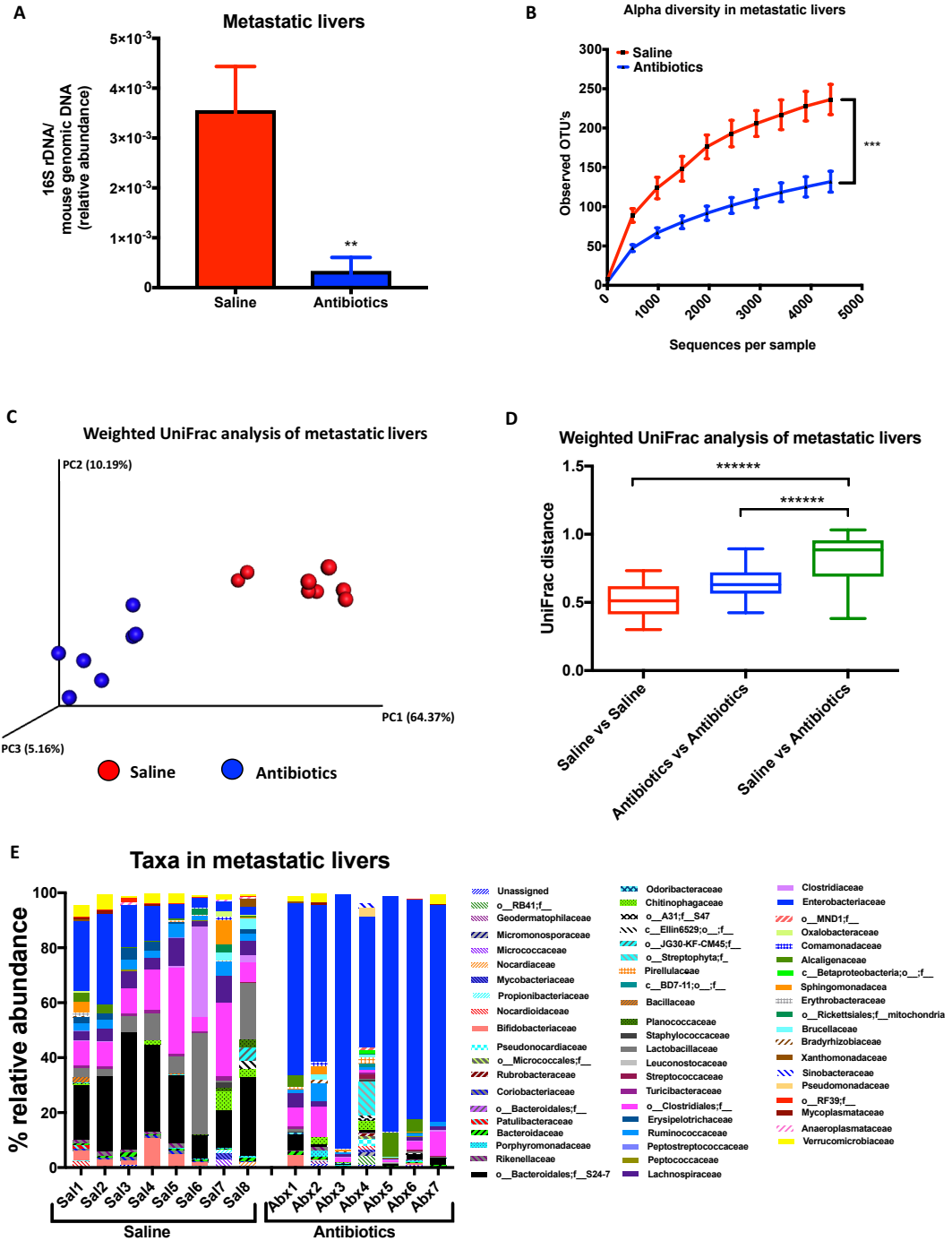
A
Metastatic livers
16S rDNA/ mouse genomic DNA (rdelative abundance)
5×10-3
4×10-3
3×10-3
2×10-3
1×10-3
0
**
Saline
Antibiotics
B
Alpha diversity in metastatic livers
Saline
Antibiotics
Observed OTU's
300
250
200
150
100
50
0
***
0
1000
2000
3000
4000
5000
Sequences per sample
C
Weighted UniFrac analysis of metastatic livers
PC2 (10.19%)
PC1 (64.37%)
PC3 (5.16%)
Saline
Antibiotics
D
Weighted UniFrac analysis of metastatic livers
******
******
UniFrac distance
1.5
1.0
0.5
0.0
Saline vs Saline
Antibiotics vs Antibiotics
Saline vs Antibiotics
E
Taxa in metastatic livers
% relative abundance
100
80
60
40
20
0
Sal1
Sal2
Sal3
Sal4
Sal5
Sal6
Sal7
Sal8
Abx1
Abx2
Abx3
Abx4
Abx5
Abx6
Abx7
Saline
Antibiotics
Unassigned
o__RB41;f__
Geodermatophilaceae
Micromonosporaceae
Micrococcaceae
Nocardiaceae
Mycobacteriaceae
Propionibacteriaceae
Nocardioidaceae
Bifidobacteriaceae
Pseudonocardiaceae
o__Micrococcales;f__
Rubrobacteraceae
Coriobacteriaceae
o__Bacteroidales;f__
Patulibacteraceae
Bacteroidaceae
Porphyromonadaceae
Rikenellaceae
o__Bacteroidales;f__S24-7
Odoribacteraceae
Chitinophagaceae
o__A31;f__S47
c__Ellin6529;o__;f__
o__JG30-KF-CM45;f__
o__Streptophyta;f_
Pirellulaceae
c__BD7-11;o__;f__
Bacillaceae
Planococcaceae
Staphylococcaceae
Lactobacillaceae
Leuconostocaceae
Streptococcaceae
Turicibacteraceae
o__Clostridiales;f__
Erysipelotrichaceae
Ruminococcaceae
Peptostreptococcaceae
Peptococcaceae
Lachnospiraceae
Clostridiaceae
Enterobacteriaceae
o__MND1;f__
Oxalobacteraceae
Comamonadaceae
Alcaligenaceae
c__Betaproteobacteria;o__;f__
Sphingomonadacea
Erythrobacteraceae
o__Rickettsiales;f__mitochondria
Brucellaceae
Bradyrhizobiaceae
Xanthomonadaceae
Sinobacteraceae
Pseudomonadaceae
o__RF39;f__
Mycoplasmataceae
Anaeroplasmataceae
Verrucomicrobiaceae