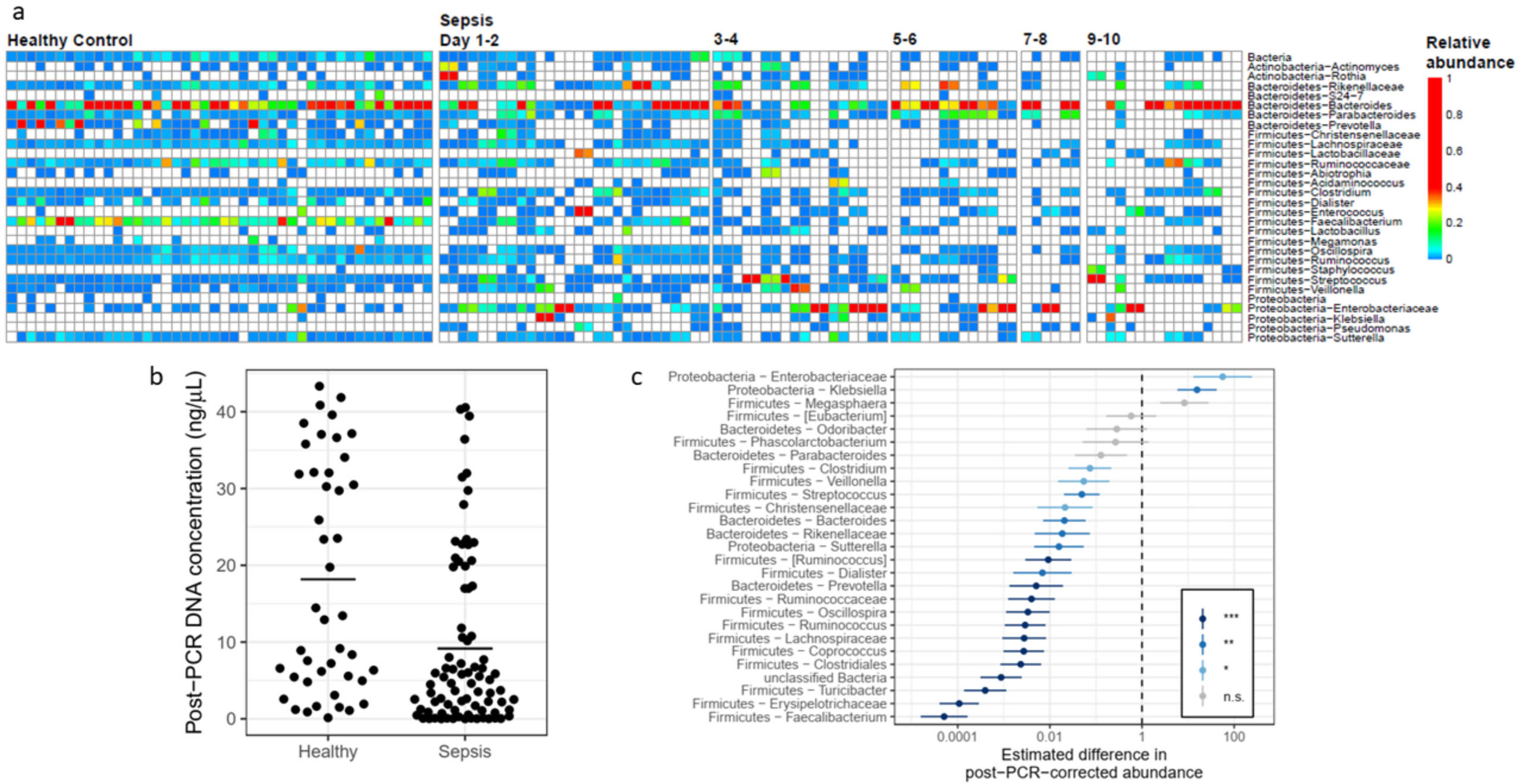
eFigure 2


a
Healthy Control
Sepsis
Day 1-2
3-4
5-6
7-8
9-10
Relative abundance
1
0.8
0.6
0.4
0.2
0
Bacteria
Actinobacteria−Actinomyces
Actinobacteria−Rothia
Bacteroidetes−Rikenellaceae
Bacteroidetes−S24−7
Bacteroidetes−Bacteroides
Bacteroidetes−Parabacteroides
Bacteroidetes−Prevotella
Firmicutes−Christensenellaceae
Firmicutes−Lachnospiraceae
Firmicutes−Lactobacillaceae
Firmicutes−Ruminococcaceae
Firmicutes−Abiotrophia
Firmicutes−Acidaminococcus
Firmicutes−Clostridium
Firmicutes−Dialister
Firmicutes−Enterococcus
Firmicutes−Faecalibacterium
Firmicutes−Lactobacillus
Firmicutes−Megamonas
Firmicutes−Oscillospira
Firmicutes−Ruminococcus
Firmicutes−Staphylococcus
Firmicutes−Streptococcus
Firmicutes−Veillonella
Proteobacteria
Proteobacteria−Enterobacteriaceae
Proteobacteria−Klebsiella
Proteobacteria−Pseudomonas
Proteobacteria−Sutterella
b
Post−PCR DNA concentration (ng/µL)
40
30
20
10
0
Healthy
Sepsis
c
Proteobacteria − Enterobacteriaceae
Proteobacteria − Klebsiella
Firmicutes − Megasphaera
Firmicutes − [Eubacterium]
Bacteroidetes − Odoribacter
Firmicutes − Phascolarctobacterium
Bacteroidetes − Parabacteroides
Firmicutes − Clostridium
Firmicutes − Veillonella
Firmicutes − Streptococcus
Firmicutes − Christensenellaceae
Bacteroidetes − Bacteroides
Bacteroidetes − Rikenellaceae
Proteobacteria − Sutterella
Firmicutes − [Ruminococcus]
Firmicutes − Dialister
Bacteroidetes − Prevotella
Firmicutes − Ruminococcaceae
Firmicutes − Oscillospira
Firmicutes − Ruminococcus
Firmicutes − Lachnospiraceae
Firmicutes − Coprococcus
Firmicutes − Clostridiales
unclassified Bacteria
Firmicutes − Turicibacter
Firmicutes − Erysipelotrichaceae
Firmicutes − Faecalibacterium
***
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*
n.s.
0.0001
0.01
1
100
Estimated difference in
post−PCR−corrected abundance