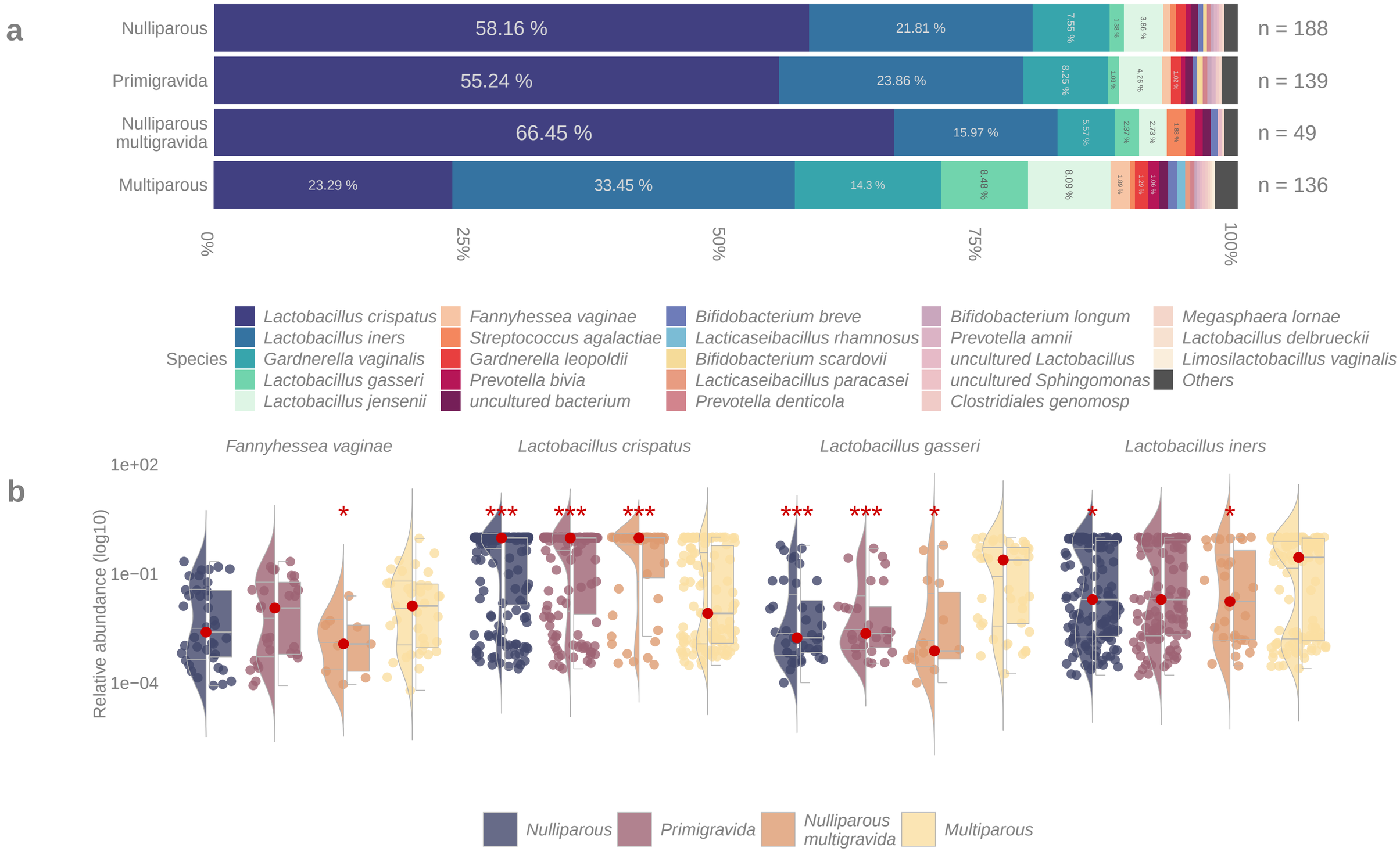
a
Nulliparous
Primigravida
Nulliparous multigravida
Multiparous
58.16 %
21.81 %
7.55 %
1.38 %
3.86 %
55.24 %
23.86 %
8.25 %
1.03 %
4.26 %
1.02 %
66.45 %
15.97 %
5.57 %
2.37 %
2.73 %
1.88 %
23.29 %
33.45 %
14.3 %
8.48 %
8.09 %
1.89 %
1.29 %
1.06 %
n = 188
n = 139
n = 49
n = 136
0%
25%
50%
75%
100%
Species
Lactobacillus crispatus
Lactobacillus iners
Gardnerella vaginalis
Lactobacillus gasseri
Lactobacillus jensenii
Fannyhessea vaginae
Streptococcus agalactiae
Gardnerella leopoldii
Prevotella bivia
uncultured bacterium
Bifidobacterium breve
Lacticaseibacillus rhamnosus
Bifidobacterium scardovii
Lacticaseibacillus paracasei
Prevotella denticola
Bifidobacterium longum
Prevotella amnii
uncultured Lactobacillus
uncultured Sphingomonas
Clostridiales genomosp
Megasphaera lornae
Lactobacillus delbrueckii
Limosilactobacillus vaginalis
Others
b
Fannyhessea vaginae
Lactobacillus crispatus
Lactobacillus gasseri
Lactobacillus iners
Relative abundance (log10)
1e+02
1e−01
1e−04
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Nulliparous
Primigravida
Nulliparous multigravida
Multiparous