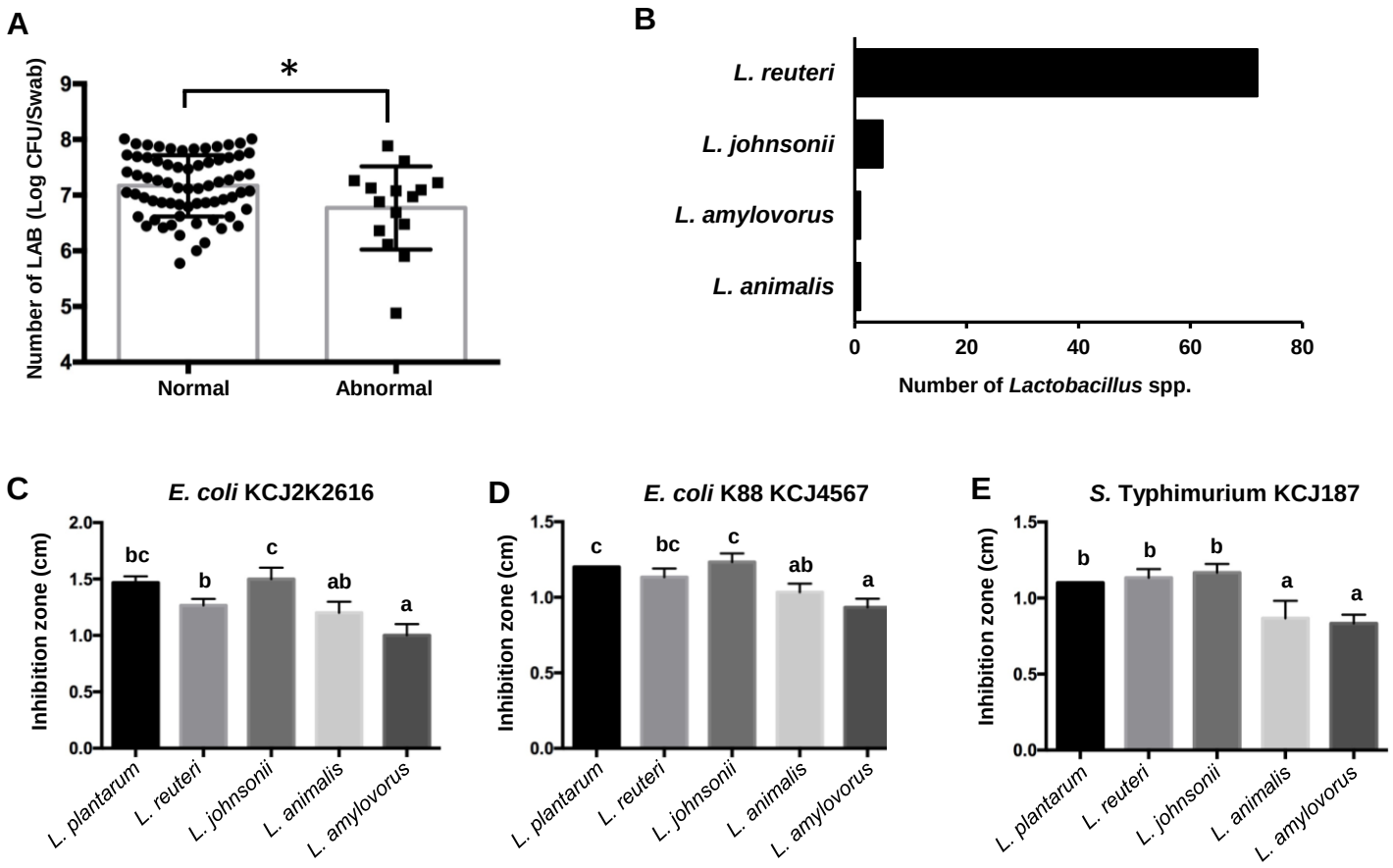
A
Number of LAB (Log CFU/Swab)
9
8
7
6
5
4
*
Normal
Abnormal
B
L. reuteri
L. johnsonii
L. amylovorus
L. animalis
0
20
40
60
80
Number of Lactobacillus spp.
C
E. coli KCJ2K2616
Inhibition zone (cm)
2.0
1.5
1.0
0.5
0.0
bc
b
c
ab
a
L. plantarum
L. reuteri
L. johnsonii
L. animalis
L. amylovorus
D
E. coli K88 KCJ4567
Inhibition zone (cm)
1.5
1.0
0.5
0.0
c
bc
c
ab
a
L. plantarum
L. reuteri
L. johnsonii
L. animalis
L. amylovorus
E
S. Typhimurium KCJ187
Inhibition zone (cm)
1.5
1.0
0.5
0.0
b
b
b
a
a
L. plantarum
L. reuteri
L. johnsonii
L. animalis
L. amylovorus