163163

G00002

Figure 1

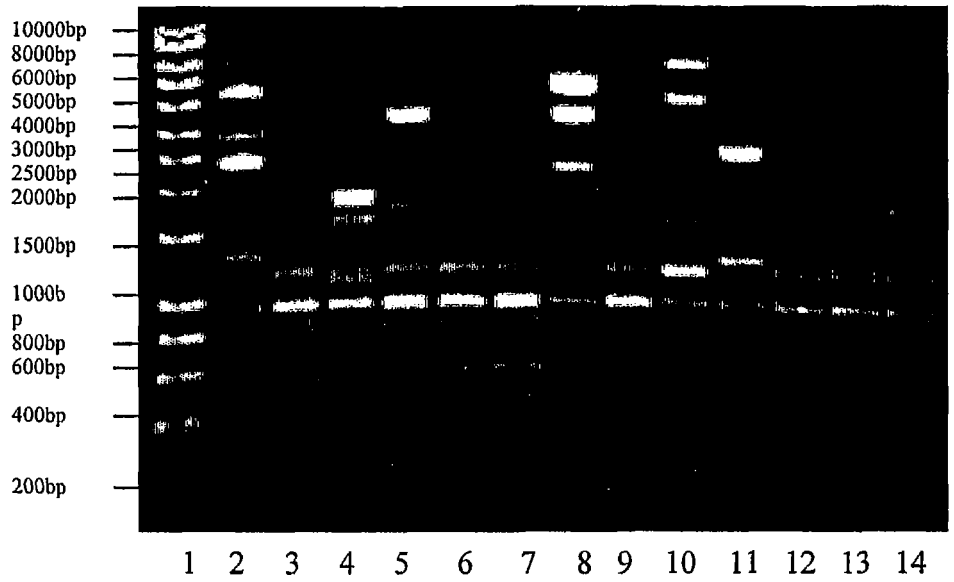


Figure 1. Lane 1: Molecular weight Marker HyperLadder I, Lane 2: strain KE-01, Lane 3: Lactobacillus acidophilus ATCC# 4356, Lane 4: Lactobacillus amylovorus ATCC# 33620, Lane 5: Lactobacillus brevis ATCC# 14869, Lane 6: Lactobacillus delbrueckii subsp. lactis ATCC# 12315, Lane 7: Lactobacillus fermentum ATCC# 14931, Lane 8: Lactobacillus helveticus ATCC# 15009, Lane 9: Lactobacillus paracasei subsp. paracasei ATCC# 25302, Lane 10: Lactobacillus plantarum ATCC# 14917, Lane 11: Lactobacillus casei ssp. rhamnosus ATCC#7469, Lane 12: Lactobacillus pentosus ATCC# 8041, Lane 13: Lactobacillus casei ssp. casei ATCC# 393, Lane 14: Lactobacillus reuteri ATCC#23272.

Figure 2

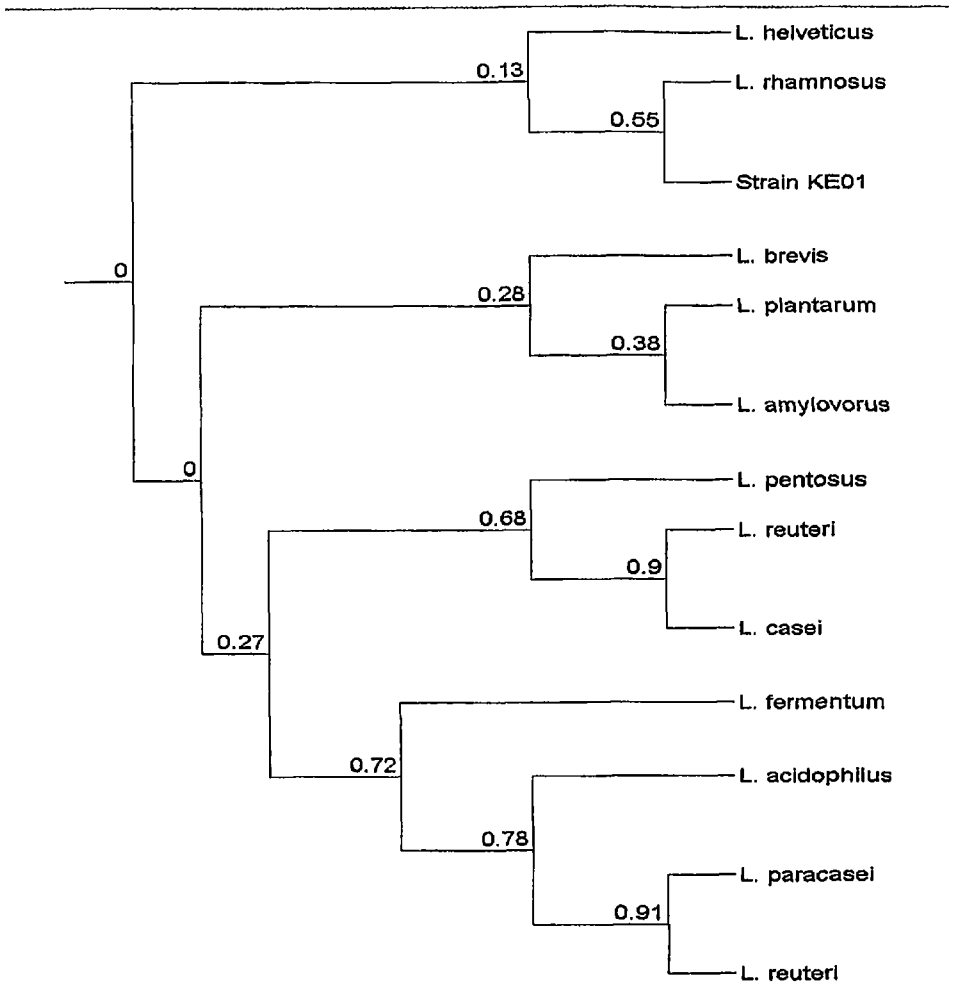

L. helveticus
0.13
L. rhamnosus
0.55
Strain KE01
0
L. brevis
0.28
L. plantarum
0.38
L. amylovorus
0
L. pentosus
0.68
L. reuteri
0.9
L. casei
0.27
L. fermentum
0.72
L. acidophilus
0.78
L. paracasei
0.91
L. reuteri

Figure 3

Attachment of KE01 could be visualized on bovine intestinal epithelia

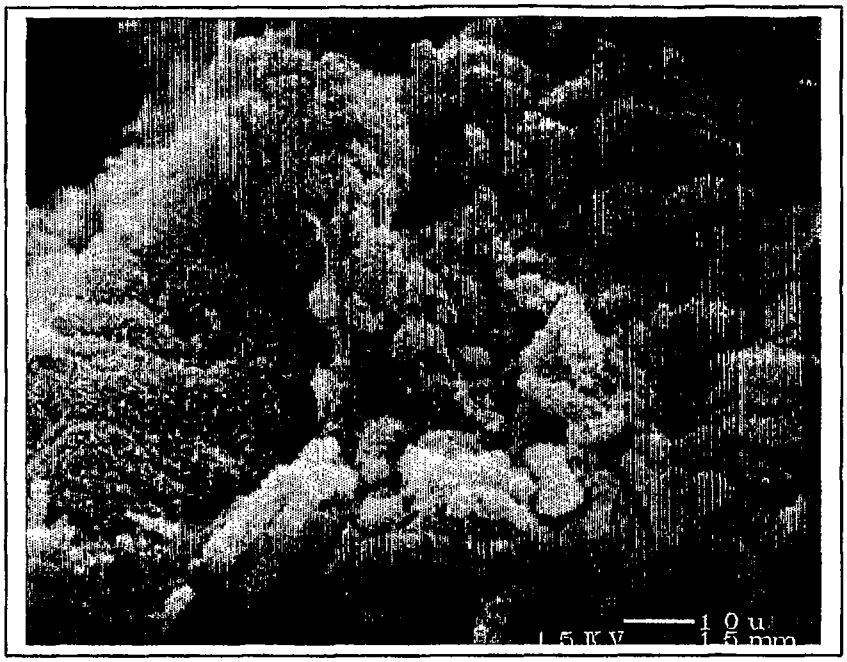


Figure 4

KE01 colonized and formed biofilm on bovine intestinal epithelial mucosa

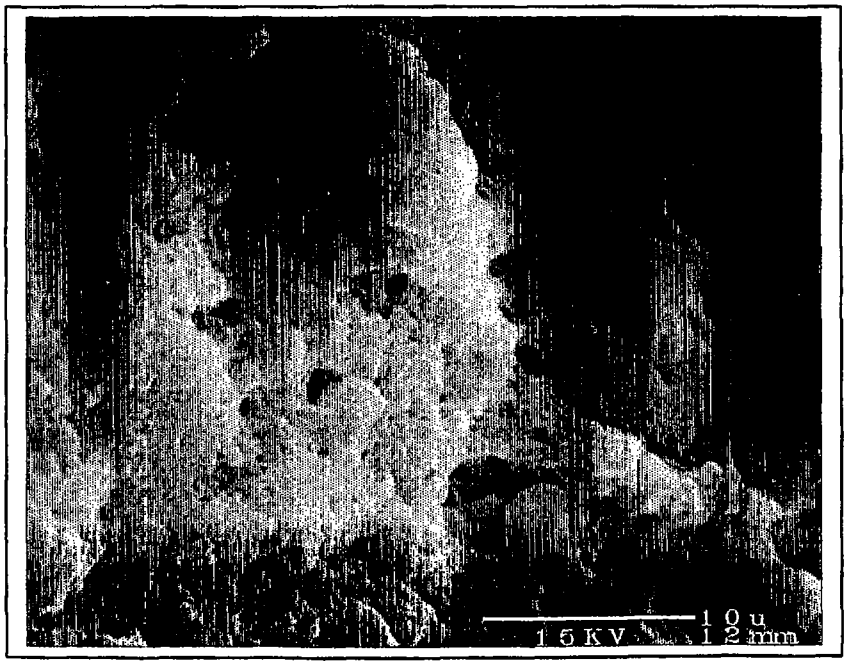


Figure 5

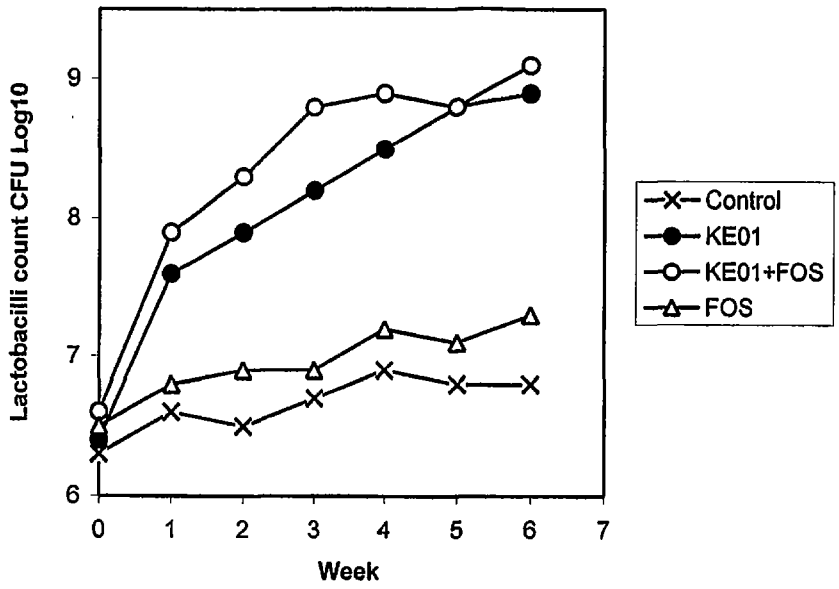


Figure 6

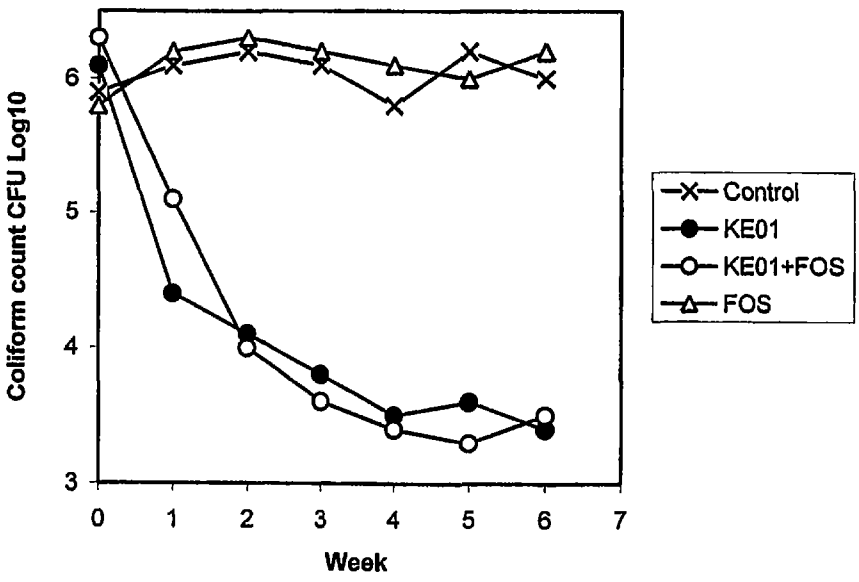


Figure 7

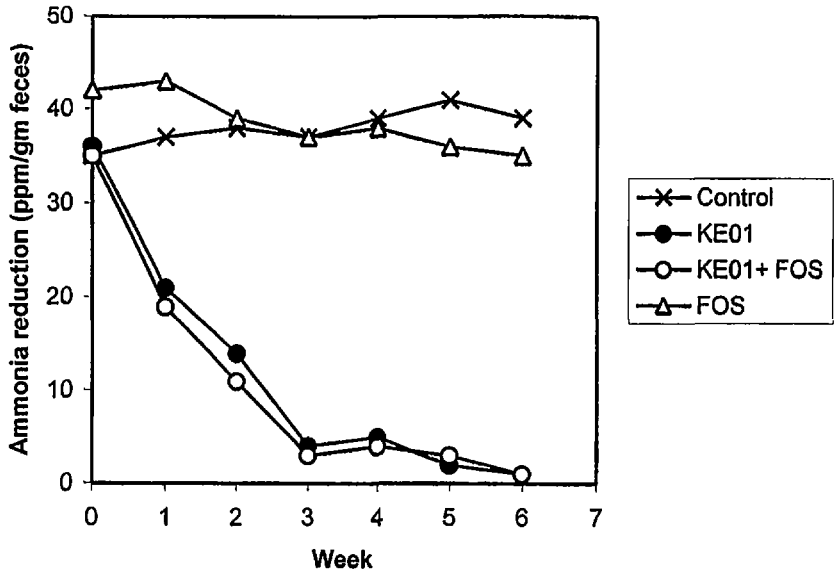


Figure 8

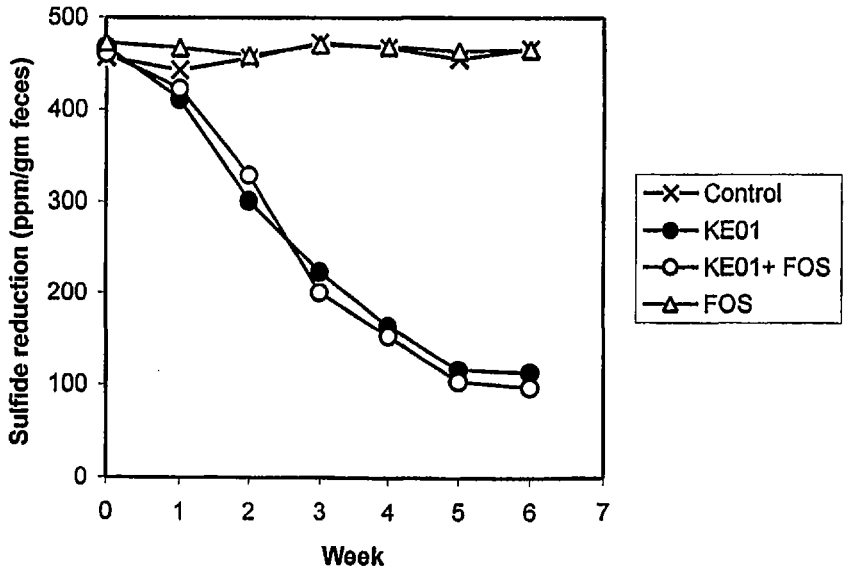
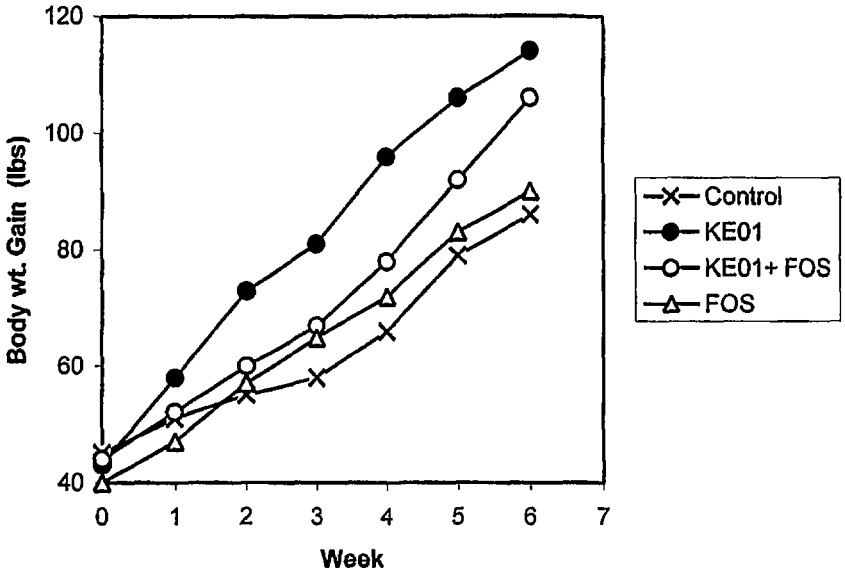


Figure 9


120
100
80
60
40
Body wt. Gain (lbs)
0
1
2
3
4
5
6
7
Week
Control
KE01
KE01+ FOS
FOS