

Supplementary Table 1. Mouse ID in groups of animals used in the experiments.	
Mouse ID	Group
1.1	sterile conditions were kept
1.2	
1.3	
1.4	
2.1	contact to <i>Escherichia coli</i> strain W3110
2.2	
2.3	
2.4	
3.1	contact to <i>Bifidobacterium longum</i> strain NCC2705
3.2	
3.3	
3.4	
4.1	contact to <i>Bacteroides thetaiotaomicron</i> strain VPI-5482 (ATCC 29148)
4.2	
4.3	
4.4	
5.1	contact to <i>Lactobacillus reuteri</i> strain SD2112 (ATCC 55730)
5.2	
5.3	
5.4	
6.1	contact to 4 strains of bacteria (<i>E. coli</i> strain W3110, <i>B. longum</i> strain NCC2705, <i>B. thetaiotaomicron</i> strain VPI-5482, <i>L. reuteri</i> strain SD2112)
6.2	
6.3	
6.4	
7.1	transfer to normal diet (standard granulated food)
7.2	
7.3	
7.4	
8.1	gavage orally of a sample of non-sterile mice feces
8.2	
8.3	
8.4	
9.1	conventional controls, CD1 male mice fed with standard granulated food
9.2	
9.3	
9.4	