

## Supplementary materials

**Table S1 The primers for qPCR of various genera of bacteria**

Genera	Primers (5'-3)'
<i>Escherichia</i>	F: TGCCGTAACCTTCGGGAGAAGGCA R: TCAAGGACCAGTGTTCAGTGTC
<i>Enterococcus</i>	F: CCCTTATTGTTAGTTGCCATCATT R: ACTCGTTGTACTTCCCATTGT
<i>Bifidobacterium</i>	F: CGGGTGAGTAATGCGTGACC R: TGATAGGACGCGACCCCA
<i>Bacteroides</i>	F: AGCAGTAGGGAATCTTCCA R: CAGGGCTACACATGGAG

**Table S2 The primers of inflammation factors in mouse spleen by qRT-PCR**

Genes	Primers (5'-3)'
<i>Mun-<math>\beta</math>-actin</i>	F: ATGACCCAAGCCGAGAAGG R: CGGCCAAGTCTTAGAGTTGTTG
<i>Mun-IL-2</i>	F: ACACCTTTAATTGGTCAACACGA R: CCTGCTACGTTCTCTACCTCT
<i>Mun-IFN-<math>\gamma</math></i>	F: GAACTGGCAAAAGGATGGTGA R: TGTGGGTTGTTGACCTCAAAC
<i>Mun-IL-4</i>	F: GGTCTCAACCCCCAGCTAGT R: GCCGATGATCTCTCTCAAGTGAT
<i>Mun-IL-10</i>	F: GAAGCTCCCTCAGCGAGGACA R: TTGGGCCAGTGAGTGAAAGGGG