

**Supplementary Table S1. Sensitivity analysis of associations of gut fungi and bacteria with knee synovitis**

	Prevalence of knee synovitis
<b>Fungi</b>	
<i>g__Schizophyllum</i>	
β coefficient*	-1.359
P value	0.003
Q value	0.079
<b>Bacteria</b>	
<i>s__Veillonella_tobetsuensis</i>	
β coefficient*	1.111
P value	0.002
Q value	0.076
<i>s__Lawsonibacter_sp000177015</i>	
β coefficient*	0.509
P value	0.001
Q value	0.033

\* Adjusted for age, sex, body mass index, drinking status, smoking status, and frequency of dietary intake of meat/eggs, dairy products, and vegetables, use of non-antibiotic drugs that affect the gut microbiota, physical activity, and diabetes.