

Table 1. PERMANOVA results of male and female mice gut microbiota.

Sex	Sample size	Number of groups	Diversity metric	pseudo-F	p-value	Number of permutations
Male	20	4	Unweighted Unifrac	1.70157	0.002	999
Female	20	4	Unweighted Unifrac	2.182245	0.001	999

PERMANOVA: Permutational multivariate analysis of variance.