

# **Microbiota dysbiosis and its pathophysiological significance in bowel obstruction**

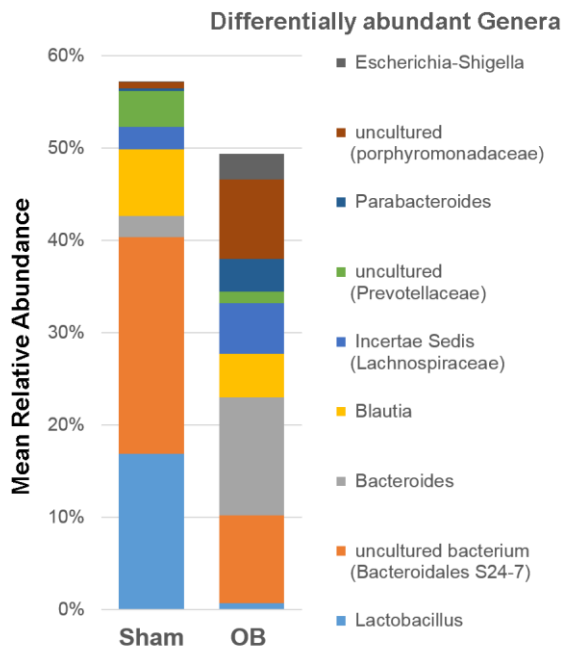
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Supplementary figure 1 (Fig. S1): 16S rRNA sequencing data showing the mean relative abundance of all the genera identified with significantly different abundance in OB compared to sham (Sham: n=7, OB: n=8; 2-way ANOVA,  $p < 0.05$ ).



Supplementary figure 2 (Fig. S2): Microbiota alpha diversity at genera level in sham and OB rats with antibiotic treatment (A), compared to the respective counterparts without antibiotic treatment (B and C). Alpha diversity was calculated using the Shannon Diversity Index and statistical significance between the groups was calculated using Mann-Whitney test in Graphpad Prism, and  $p < 0.05$  is considered significant.

