



S5 Fig. Comparison of predominant genera in the microbiota of mice cecums sorted based on dose. The major microbial communities of mouse cecum content at genus level in the control group and *L. casei* 32G groups; 10^6 CFU/ mouse (low), 10^7 CFU/ mouse (medium) and 10^8 CFU/ mouse (high), at 0.5, 3.5, 12, and 24 h after the last administration. Only genera with over 5% of the total bacteria are presented (n: 6 for each bar).