

Review of: "Regular Consumption of Lacto-fermented Vegetables has Greater Effects on the Gut Metabolome Compared with the Microbiome"

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Potential competing interests: No potential competing interests to declare.

This is an interesting study, which may play a potential role in promoting LVF consumption. According to microbial DNA amplicon sequencing (16s rRNA and ITS2) and untargeted metabolomics (LC-MS), the authors found that LRV consumption had only minor effects on microbiome composition, but had greater effects on the fecal metabolome. To improve the readability and logicity of this paper, the following suggestions are made.

1.It is suggested to introduce the significance of fecal metabolome determination in the introduction.

2.Under the item of "*Consumers of fermented vegetables showed minor differences in background diet and lifestyle behaviors compared to non-consumers.*" the authors described only dietary habits, but not other lifestyle behaviors. It might be better to delete "*and lifestyle behaviors*".