1	Lactobacillus plantarum LMT1-48 exerts anti-obesity effect in high-fat diet-induced
2	obese mice by regulating expression of lipogenic genes
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11	Running title: Anti-obesity effect of Lactobacillus plantarum LMT1-48
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## Supplementary Fig. S1. The effect of the *L. plantarum* LMT1-48 extract on the viability of 3T3-L1 adipocytes

- (A) The viability of 3T3-L1 cells under various concentrations of the *L. plantarum* LMT1-48 extract (0, 25, 50, 100, 200, 400, or 800 µg/ml) was evaluated. (B) The *L. plantarum* LMT1-48 extract (200 µg/ml) was administered to 3T3-L1 cells alone or in combination with MDI reagent to assess the viability of 3T3-L1 cells undergoing adipogenic differentiation. The absorbance was measured at 450 nm using an ELISA reader. Two independent experiments were performed with n = 5 for each experiment. Error bars represent standard error of the mean (Mean ± SEM). \*\*\*\*P < .0001.



