

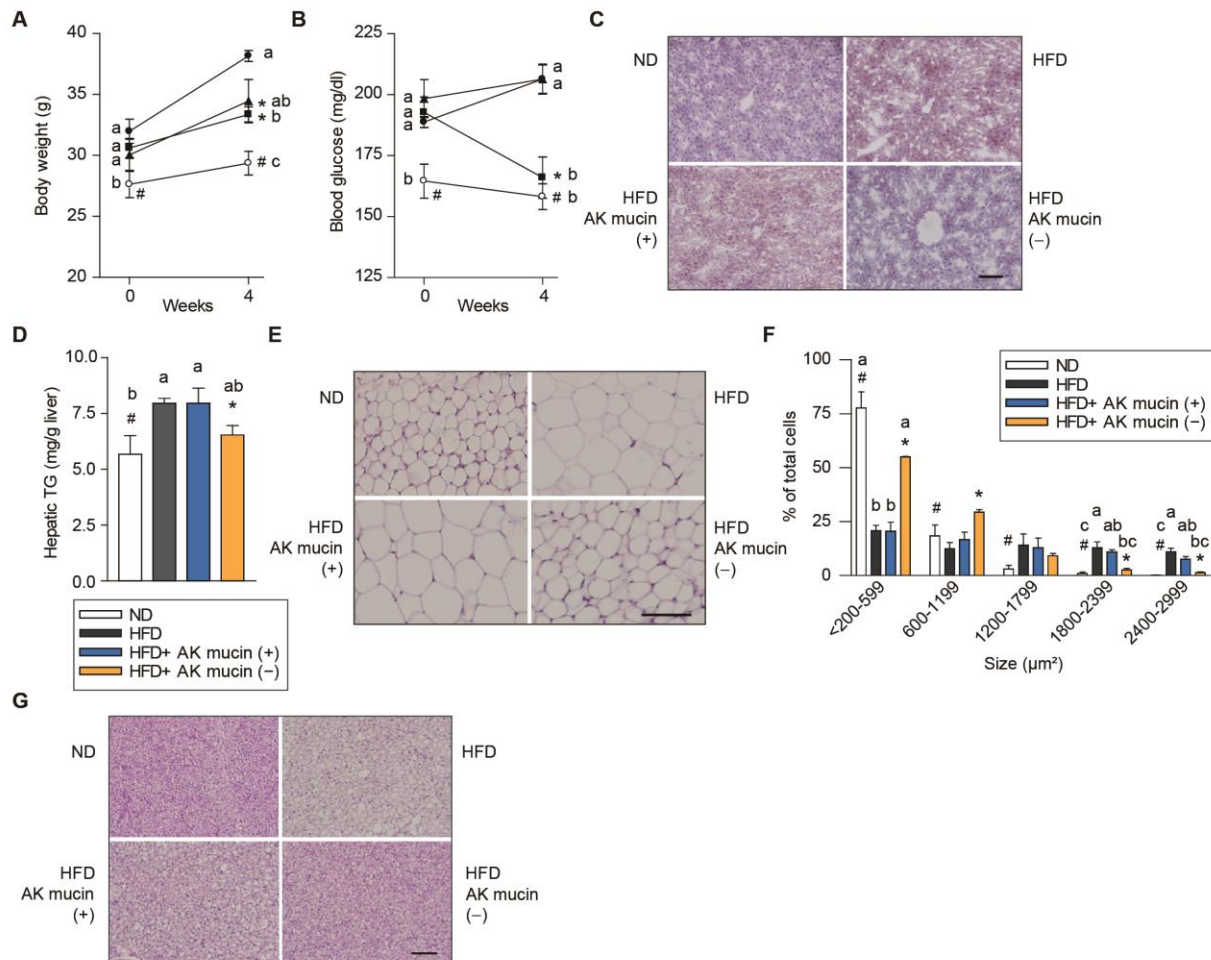
Supplementary Material

Elucidation of *Akkermansia muciniphila* probiotic traits driven by mucin depletion

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Supplementary Figure



Supplementary Figure 1. Effects of *A. muciniphila* on HFD-induced obesity. (A) Absolute body weight (g) and (B) blood glucose (mg/dl) after 4 weeks of treatment. (C) Representative liver Oil-red O-stained pictures and (D) quantification of hepatic triglyceride content. Scale bars, 200 μm . (E) Representative H&E-stained pictures and (F) size distribution of subcutaneous adipose tissue deposits. Scale bars, 100 μm . (G) Representative H&E-stained pictures of brown adipose tissues. Scale bars, 100 μm . Data are means \pm SEM (n=4-5 for each group). # P < 0.05, High fat diet (HFD) vs. Normal chow diet (ND) group, * P <0.05, HFD vs. *A. muciniphila*-treated group (two-tailed Student's t-test). ^{abc}Means not sharing a common letter are significantly different at P <0.05 (Tukey-Kramer HSD test).