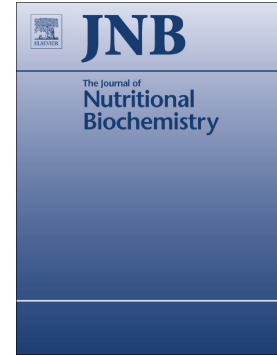


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Alterations and structural resilience of the gut microbiota under dietary fat perturbations

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**Abbreviations**

**LFD**, low-fat diet; **BD**, basal diet; **HFD**, high-fat diet; **NDs**, normal diets; **[NRC]**, National Research Council; **ME**, metabolizable energy; **BW**, body weight; **ADFI**, average daily feed intake; **ADMEI**, average daily metabolizable energy intake; **GLU**, glucose; **TG**, triglycerides; **TC**, total cholesterol; **INS**, insulin; **HDL-C**, high-density lipid cholesterol; **LDL-C**, low-density lipid cholesterol; **PCR**, polymerase chain reaction; **OTUs**, operational taxonomic units; **PCA**, principal component analysis; **dNTPs**, deoxyribonucleotide triphosphate; **BLAST**, Basic Local Alignment Search Tool; **One-way ANOVA**, one-way analysis of variance; **S.E.M.**, standard error of the mean

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