Additional file 4. Effects of feeding regimen on gut microbiota composition

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| --- | --- | --- | --- | --- |
|  | *Bacteroidetes* | *Firmicutes* | *Actinobacteria* | *Proteobacteria* |
| NA | 61.34±12.99 | 34.10±13.49 | 0.944±0.829 | 2.335±1.375 |
| FA | 27.02±13.06\*\* | 58.04±9.33 \*\* | 1.365±1.229 | 10.81±11.23 \*\* |
| FT | 39.28±17.08\*\*, # | 47.89±12.86 \*\*, # | 0.776±0.507 | 9.471±5.918 \*\* |
| *p* value | <0.001 | <0.001 | 0.115 | 0.001 |

Relative abundances of data were shown as mean ± SD. n=18-20 for each group. Data were analyzed using one-way ANOVA followed by Bonferroni multiple comparison test. NA, mice fed a normal diet ad libitum; FA, mice fed a high-fat diet ad libitum; FT, mice fed a time-restricted high-fat diet. Compared to the NA group, \**p*<0.05, \*\**p*<0.01. Compared to FA group, #*p*<0.05.