



**Supplementary Figure S4.** Serum alanine transaminase (ALT) concentrations of male offspring mice after 6-week postweaning HF feeding. n = 6-10/group; Values represent means  $\pm$  SEM; analyzed with ANOVA and Post-hoc Fisher's LSD; no significant difference between groups. CO, untreated control without choline supplement; CS, choline supplemented; HF, high fat; NF, normal fat.