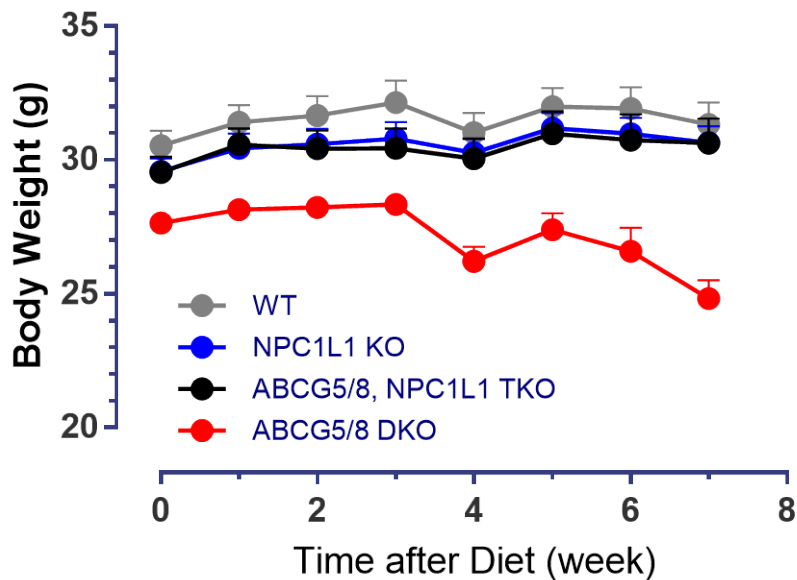


**Supplemental Fig. 1. No significant difference in heart to brain weight ratios observed for the ABCG5/8 DKO relative to their littermates when fed a phytosterol enriched diet for 7 weeks.** DKO - ABCG5/8 double knockout, TKO – ABCG5/8, NPC1L1 triple knockout. Individual data points (circles) are shown together with the sample mean (bar) ± SEM. Significance measured by one-way ANOVA - Tukey post-test.

## Body Weight



**Supplemental Fig. 2. The ABCG5/8, NPC1L1 TKO does not exhibit lower body weight observed in the ABCG5/8 DKO littermates.** The ABCG5/8 DKO, C57Bl/6 WT, NPC1L1 KO, and ABCG5/8, NPC1L1 TKO littermates were 20 weeks old when they were placed on the phytosterol enriched diet (week 0). The DKO littermates weigh less prior to being placed on the phytosterol enriched diet. The difference in body weight for the DKO mice relative to their littermates became more pronounced following 7 weeks of phytosterol enriched diet feeding. DKO - ABCG5/8 double knockout, TKO - ABCG5/8, NPC1L1 triple knockout. WT: N = 15/group; NPC1L1 KO: N = 21 / group; TKO: N = 13 / group; DKO: N = 12 /group when mice were switched to the phytosterol enriched diet.