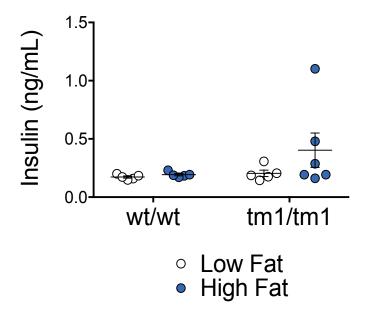
## **Supplementary Figure 3**



**Supplementary Figure 3:** Fasting plasma insulin is not significantly affected by HF diet compared with LF diet for both male  $Pomc^{wt/wt}$  and male  $Pomc^{tm1/tm1}$  mice. Fasting plasma insulin levels measured by ELISA at 21-23 weeks post-weaning for male mice fed either LF or HF diet HF from weaning. Data shown as mean  $\pm$  SEM.