

SUPPLEMENTAL INFORMATION

Li, et al.

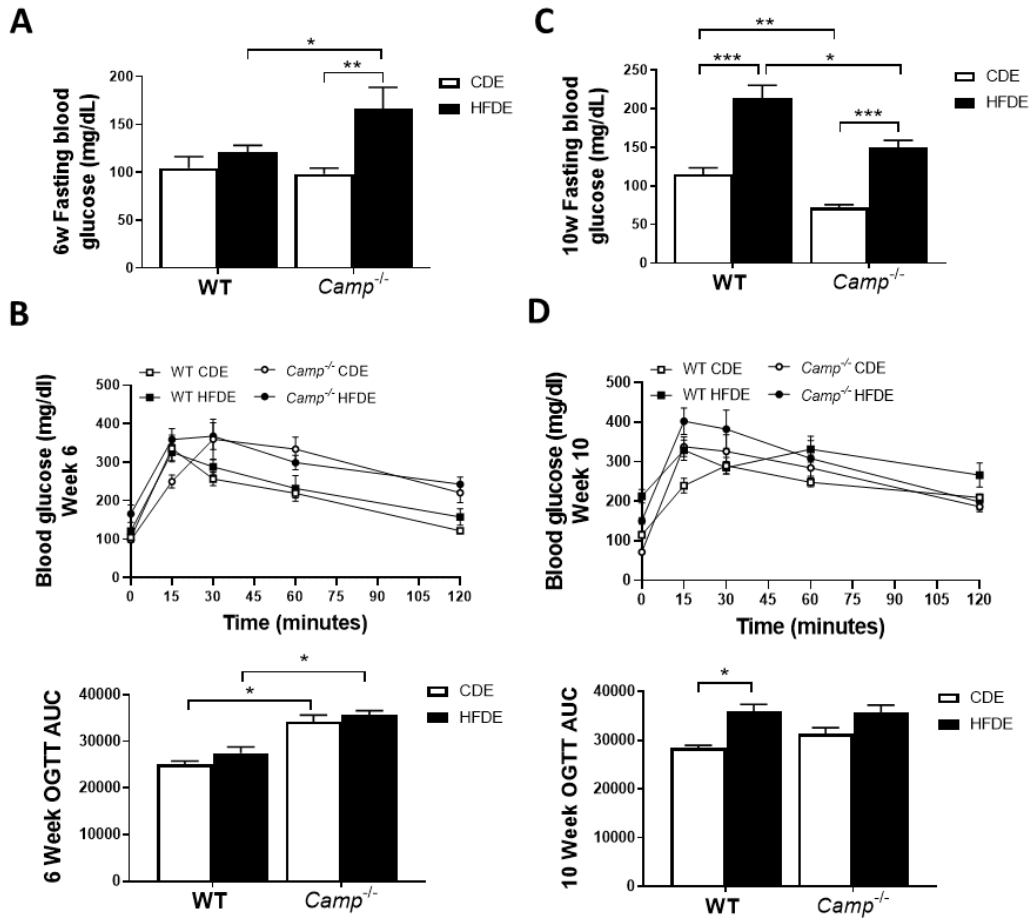


Figure S1. Fasting blood glucose level and oral glucose tolerance test (OGTT). Fasting blood glucose level on week 6 (A) and week 10 (C). OGTT results at week 6 (B) and week 10 (D) shown as blood glucose levels of mice after glucose gavage (upper panel) and the AUC of blood glucose change (lower panel). Data are expressed in Mean \pm SEM (n=5 mice/group). *p \leq 0.05, **p \leq 0.01, ***p \leq 0.001.

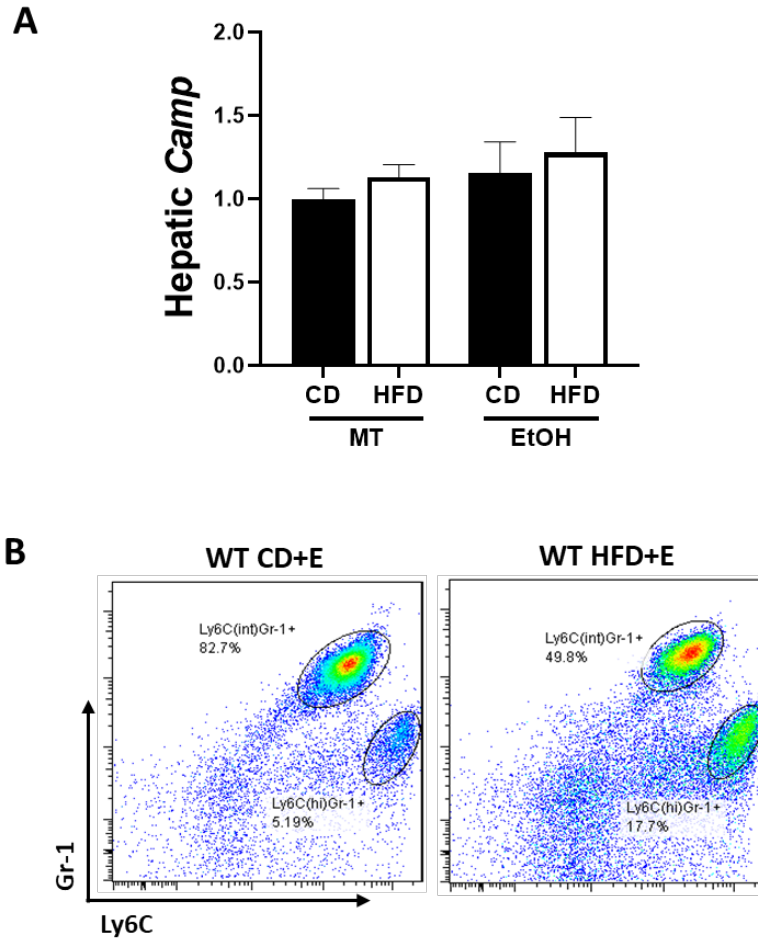


Figure S2. Hepatic *Camp* expression and flow cytometry analysis of hepatic immune cells. (A) *Camp* mRNA expression in the liver. CD: control diet; HFD: high fat diet; Ctrl: control; EtOH: ethanol. (B) Flow cytometry analysis of gated CD11b and Gr1 positive liver leukocytes by antibodies Ly6C. CD11b+Gr1+ Ly6C(int) neutrophils and CD11b+Gr1+ Ly6C(hi) inflammatory monocytes were shown. Data are expressed in Mean \pm SEM (n=3-5 mice/group).

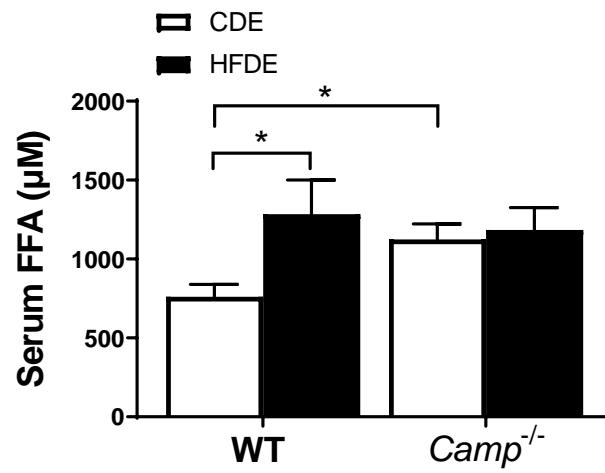


Figure S3. Serum free fatty acid (FFA) levels. Data are expressed in Mean \pm SEM (n=7 mice/group). *p<0.05.

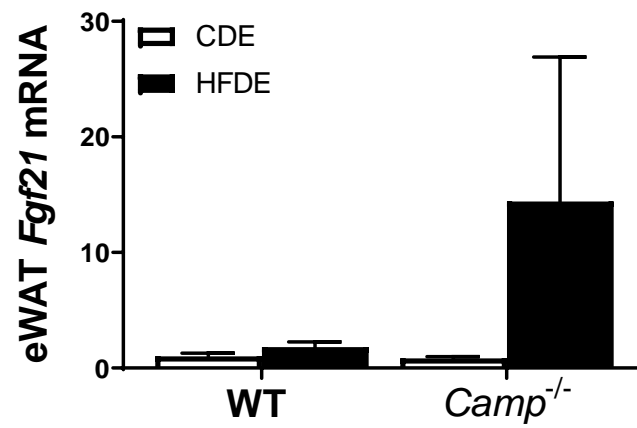


Figure S4. *Fgf21* expression in the eWAT. Data are expressed in Mean \pm SEM (n=5 mice/group).

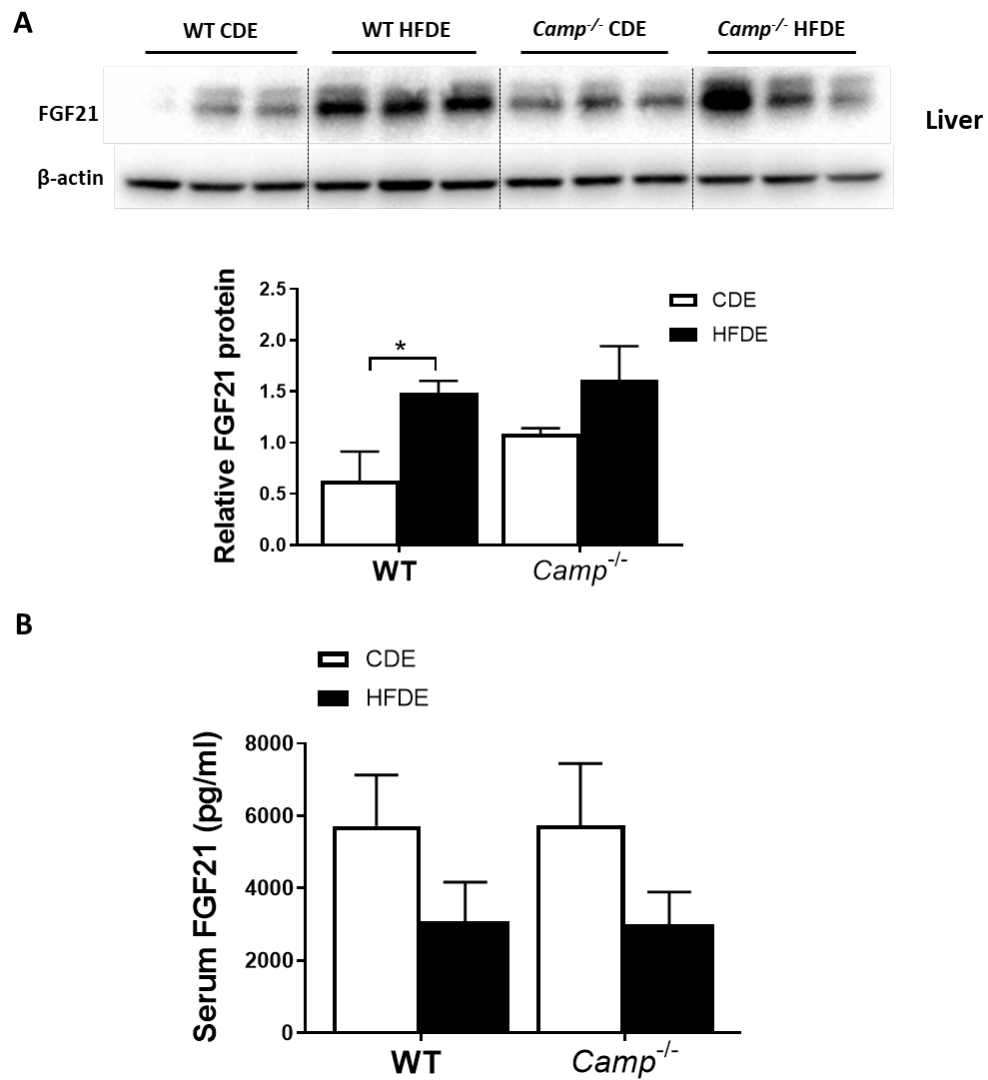


Figure S5. Hepatic FGF21 protein level and serum FGF21 protein level.

(A) Hepatic FGF21 protein levels (upper panel) and its quantification (lower left panel), representative immunoblots were shown. (n=5 mice/group). (B)

Serum FGF21 concentrations, n=6-10. Data are expressed in Mean \pm SEM.

*p \leq 0.05.

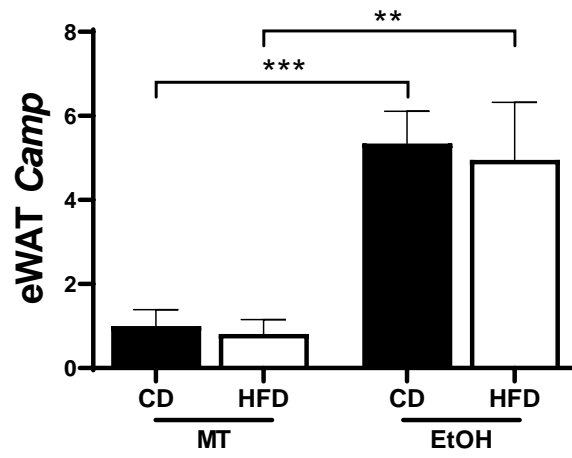


Figure S6. *Camp* mRNA expression in the eWAT. CD: control diet; HFD: high fat diet; Ctrl: control; EtOH: ethanol. Data are expressed in Mean \pm SEM (n=5-7 mice/group). **p<0.01, ***p<0.001.

Table S1. Primer Sequences for Real-Time RT-PCR analysis (Source: mouse)

Gene	Sequences (Forward/Reverse 5'-3')		NCBI Accession Number
<i>Srebp1c</i>	CGGAAGCTGTCGGGGTAG	GTTGTTGATGAGCTGGAGCA	NM_001358315.1
<i>Fasn</i>	ATGCACAGAAGGGAAGGAGT	CAGGGTGCAGTTTGTTCCTCA	NM_007988.3
<i>Cxcr2</i>	CACCGATGTATACCTGCTGA	ACGCAGTACGACCCTCAAAC	NM_009909.3
<i>Mcp1</i>	ACCACAGTCCATGCCATCAC	TTGAGGTGGTTGTGGAAAAG	NM_011333.3
<i>Cxcl2</i>	ATCCAGAGCTTGAGTGTGACG	GTTAGCCTTGCCTTTGTTTCAG	NM_009140.2
<i>F4/80</i>	TATCTTTTCCTCGCCTGCTTC	CACCACCTTCAGGTTTCTCAC	X93328.1
<i>Cxcl1</i>	ACTGCACCCAAACCGAAGTC	TGGGGACACTTTTAGCATCTT	NM_008176.3
<i>Cd36</i>	ATGGGCTGTGATCGGAACTG	TTTGCCACGTCATCTGGGTTT	NM_001159558.1
<i>Fatp2</i>	AACACATCGCGGAGTACCTG	CTCAGTCATGGGCACAAATG	AF072757.1
<i>Fgf21</i>	CCTCTAGGTTTCTTTGCCAACAG	AAGCTGCAGGCCTCAGGAT	NM_020013.4
<i>Pparg</i>	CGCTGATGCACTGCCTATGA	AGAGGTCCACAGAGCTGATTCC	NM_001308352.1
<i>Camp</i>	TCTCTACCGTCTCCTGGACCTG	CCACATACAGTCTCCTTCACTCG	NM_009921.2
<i>18S rRNA</i>	GTAACCCGTTGAACCCCAT	CCATCCAATCGGTAGTAGCG	M35283.1