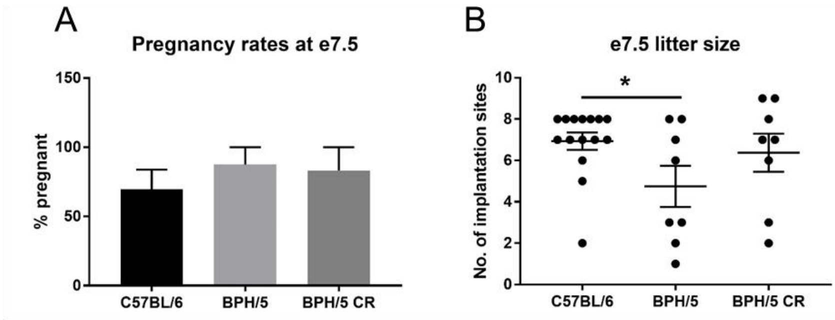

Figure S1. Calorie restriction does not impact pregnancy rates not litter size in BPH/5 early pregnancy. (**A**) Percent of ad libitum fed C57BL/6 and BPH/5 as well as calorie restricted (CR) BPH/5 mice that become pregnant after timed mating ($n = 4–9$). (**B**) Measurement of litter size in ad libitum fed C57BL/6 and BPH/5 as well as CR BPH/5 mice ($n = 8–15$, * $p < 0.05$). Data are expressed as mean ± SEM.

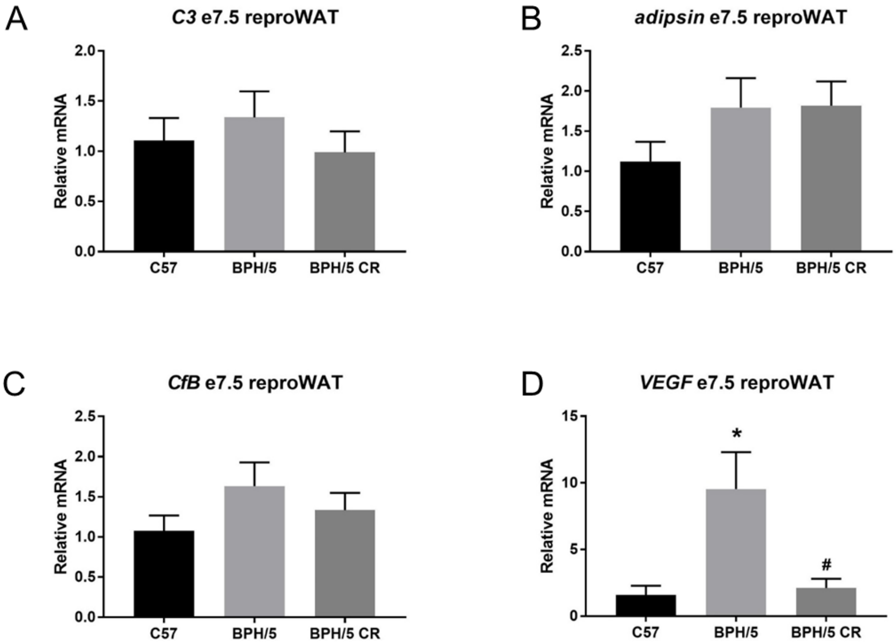

Figure S2. Vascular endothelial growth factor (VEGF) mRNA is increased in ad libitum fed BPH/5 reproductive (repro) WAT in early pregnancy. (**A**) qRT-PCR analysis of complement factor 3 (C3), (**B**) complement factor D (adipsin), (**C**) complement factor B (CfB) and (**D**) vascular endothelial growth factor (VEGF) mRNA expression in reproductive (repro) WAT from e7.5 pregnant ad libitum fed C57 and BPH/5, and calorie restricted (CR) BPH/5 mice ($n = 5–6$, * $p < 0.05$ vs C57, # $p < 0.05$ vs BPH/5 ad libitum). Data are expressed as mean ± SEM.

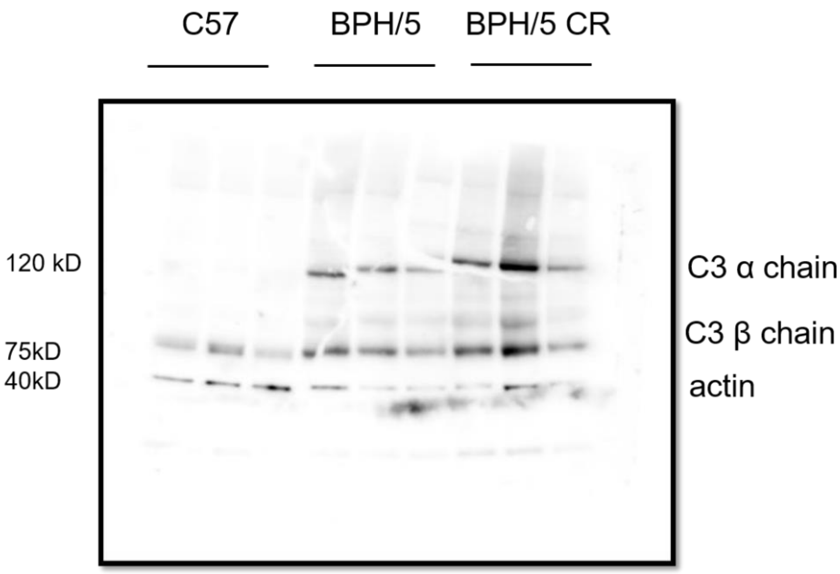

Figure S3. Complement factor 3 (C3) protein is increased in BPH/5 reproductive (repro) WAT in early pregnancy. Annotated western blot gel of actin and C3 denatured (α and β chains) protein levels in repro WAT. *n* = 3 per group.

Table S1. Forward and reverse primer sequences for complement component 3 (C3), complement factor B (CfB), complement factor D (adipsin), vascular endothelial growth factor (VEGF), and placental growth factor (PlGF). Primer sequences were obtained from published literature referenced above. These primer sequences were used in qRT-PCR experiments.

Gene	Forward Sequence	Reverse Sequence	Reference
C3	CACCGCCAAGAATCGCTAC	GATCAGGTGTTTCAGCCGC	[1]
CfB	GAAACCCTGTCACTGTCATTC	CCCCAAACACATACACATCC	[1]
Adipsin	GCTATCCCAGAATGCCTCGTT	CCACTTCTTTGTCCTCGATTGC	[2]
VEGF	CTTGTTCAGAGCGGAGAAAGC	CATCTGCAAGTACGTTCGTT	[3]
PlGF	TCTGCTGGGAACAACTCAACA	GTGAGACACCTCATCAGGGTAT	[3]

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