

Table S1. Content of each diet used in the study

Component	Standard Diet (SD)		High Fat Diet (HFD)	
	kcal/g	Energy supply (%)	kcal/g	Energy supply (%)
Protein	0.88	22.17	0.94	18.78
Corn Oil	0.45	11.34	0.45	8.99
Animal lard	0	0	1.8	35.96
Polysaccharides	1.24	31.23	0.808	16.14
Simple sugars	1.24	31.23	0.808	16.14
Fiber	0.16	4.03	0.2	4.00
Total Energy (kcal/g)	4.0	---	5.0	---
Energy From Total Fat (%)	---	11.34	---	44.95

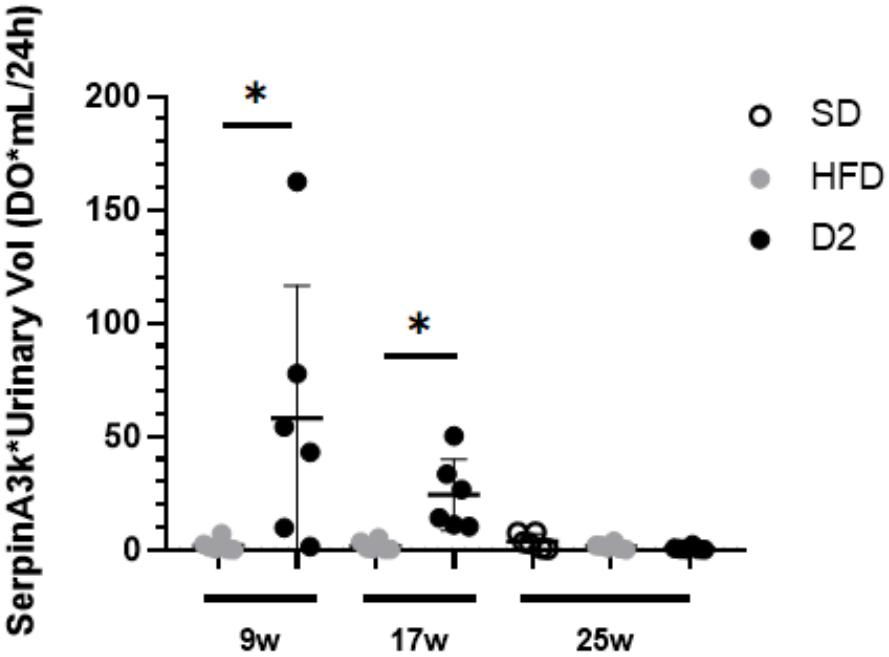
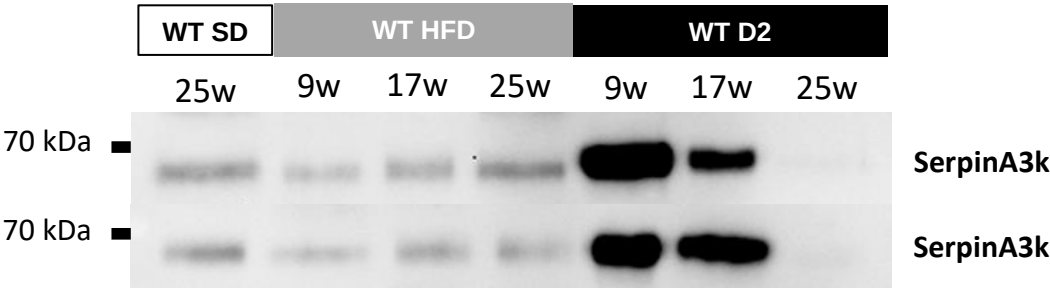
Table S2. Taqman Probes.

Target genes	Probe gen catalog number
Hif1a	Mm00468869_m1
Gpx1	Mm00656767_g1
Sod2	Mm01313000_m1
Tnf	Mm00443258_m1
Il6	Mm00446190_m1
Tfgeb1	Mm01178820_m1
Il10	Mm01288386_m1
Ccl2	Rn00580555_m1
Nfe2l2	Rn00582415_m1
Vegfa	Rn01511602_m1

Table S3. Sequence of primers.

	Primers	
Target genes	Forward	Reverse
SREBP-1C	ACTTTTCCTTAACGTGGGCCT	TGAGCTGGAGCATGTCTTCG
PEPCK	GTTTGATGCCCAAGGCAACTT	TGCCTTCCCAGTAAACACCC
SREBP2	CTGTCGGGTGTCATGGGC	ACAAACTGTAGCATCTCGTCGAT
HMG CoA reductasa	CATCCGTGTACGAGTGCCTG	CACAGTCCTTGGATCCTCGC
HMG CoA sintasa	GGGTCGGTGGCTATAAAGCTG	GTCCTCCTTCAGCCACCAAAG

A) Urinary SerpinA3k Excretion



B) Renal SerpinA3k

