

Table S1. The compositions and formulas of normal diet and high salt diet

Class description	Ingredient (g/kg Diet)	Normal Diet		High Salt Diet	
		g	Kcal	g	Kcal
Protein	Casein,30 mesh	200	800	200	800
Protein	L-cystine	3	12	3	12
Carbohydrate	Corn Starch	397	1589	397	1589
Carbohydrate	Maltodextrin 10	132	528	132	528
Carbohydrate	Sucrose	100	400	100	400
Fiber	Cellulose	50	0	50	0
Fat	Soybean Oil	70	630	70	630
Anti-oxidant	t-butylhydroquinone	0.014	0	0.014	0
Mineral	Mineral Mix S10022G	35	0	35	0
Vitamin	Vitamin Mix V10037	10	40	10	40
Vitamin	Choline Bitartrate	2.5	0	2.5	0
	Sodium Chloride	0	0	39.98	0
Total		999.514	3999	1039.49	3999
Component		g (%)	Calorie (%)	g (%)	Calorie (%)
Protein		20	20		20
Carbohydrate		63	63		63
Fat		7	16		16

Table S2. Primer sequences.

Gene	Accession Number	Sequences
Cyp7a1	<a href="#">NM_007824.3</a>	F-5'-tgatcctctgggcatctcaagca-3' R-5'-agctcttgccagcactctgtaat-3'
Gapdh	<a href="#">NM_008084.3</a>	F-5'-accagaagactgtggatgg-3' R-5'-cagtgaagctcccgttcag-3'
Srebp1c	<a href="#">NM_001358314.1</a>	F-5'-ggagccatggattgcacatt-3' R-5'-gcttcagagaggaggccag-3'
Fas	<a href="#">NM_007988.3</a>	F-5'-aagttcccagtcagagaacc-3' R-5'-atccatagagccagccttcac-3'
ACC	<a href="#">NM_133360.2</a>	F-5'-aacatccccacgtaaacag-3' R-5'-ctgacaaggtggcgtgaag-3'
Il6	<a href="#">NM_001314054.1</a>	F-5'-tgatggatgctacaaactgga-3' R-5'-tgtgactccagcttatctcttg-3'
Tnf	<a href="#">NM_013693.3</a>	F-5'-tagccacgtcgtagcaaac-3' R-5'-acaaggtacaacccatcggc-3'
Ocln	<a href="#">NM_008756.2</a>	F-5'-ttgaactgtgattggcagc-3' R-5'-caagataagcgaaccttggcg-3'
Tjp1	<a href="#">NM_009386.2</a>	F-5'-gatgtttatgaggacggtgg-3' R-5'-cattgctgtgctcttagcgg-3'
Nr0b2	<a href="#">NM_011850.3</a>	F-5'-tcctctcaaccagatgtgc-3' R-5'-agacttcacacagtgccag-3'
Nr1h4	<a href="#">NM_001163700.1</a>	F-5'-tggctgaatgtatgtatacaggttt-3' R-5'-cagcgtgtgcttcacattt-3'