Table S1. Low-fat mouse chow with 10% kcal from fat.

	gm%	Kcal%
Protein	19.2	20
Carbohydrate	67.3	70
Fat	4.3	10
Kcal/gm	3.86	

Ingredient	Caloric Value Per Unit (kcal/g)	Weight (gram)	Calories (kcal)
Caisein	4	200	800
L-Cystine	4	3	12
Sucrose	4	68.8	275.2
Dyetrose	4	125	500
Cornstarch	4	506.2	2024.8
Lard	9	20	180
Soybean Oil	9	25	225
Cellulose	0	50	0
Mineral Mix#210088	1.6	10	16
Calcium Carbonate	0	5.5	0
Dicalcium Phosphate	0	13	0
Potassium Citrate H20	0	16.5	0
Vilamin Mix#300050	3.9	10	39
Choline Bitartrate	0	2	0
Blue Dye	0	0.01	0
Yellow Dye	0	0.04	0

Table S2. High-fat mouse chow with 60% kcal from fat.

	gm%	Kcal%
Protein	26	20
Carbohydrate	26	20
Fat	35	60
Kcal/gm	5.26	

Ingredient	Caloric Value Per Unit (kcal/g)	Weight (gram)	Calories (kcal)
Caisein	4	200	800
L-Cystine	4	3	12
Sucrose	4	68.8	275
Dyetrose	4	125	500
Lard	9	245	2205
Soybean Oil	9	25	225
Cellulose	0	50	0
Mineral Mix#210088	1.6	10	16
Calcium Carbonate	0	5.5	0
Dicalcium Phosphate	0	13	0
Potassium Citrate H20	0	16.5	0
Vilamin Mix#300050	3.9	10	39
Choline Bitartrate	0	2	0
Blue Dye	0	0.05	0

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