

Supplementary Figure S2. Formulation and caloric information of control diet  
(Research Diets, New Brunswick, NJ, D12450J)

Class description	Ingredients	Grams
Protein	Casein, Lactic, 30 Mesh	200.00 g
Protein	Cystine, L	3.00 g
Carbohydrate	Starch, Corn	506.20 g
Carbohydrate	Lodex 10	125.00 g
Carbohydrate	Sucrose, Fine Granulated	72.80 g
Fiber	Solka Floc, FCC200	50.00 g
Fat	Soybean Oil, USP	25.00 g
Fat	Lard	20.00 g
Mineral	S10026B	50.00 g
Vitamin	Choline Bitartrate	2.00 g
Vitamin	V10001C	1.00 g
Dye	Dye, Yellow FD&C #5, Alum. Lake 35-42%	0.04 g
Dye	Dye, Blue FD&C #1, Alum. Lake 35-42%	0.01 g
Total:		1055.05 g

**Caloric Information** Physiological Fuel Values

Protein:	20 % Kcal
Fat:	10 % Kcal
Carbohydrate:	70 % Kcal
Energy density:	3.82 Kcal/g