

Table S1. Nutritional composition of diets.

Macronutrients	Control Diet		High Fat Diet	
	Total % g	Total % kcal	Total % g	Total % kcal
Proteins	19,2	20	26,2	20
Carbohydrates	67,3	70	26,3	20
Lipids	4,3	10	34,9	60
Total		100		100
Kcal/g	3,85		5,24	

Ingredientes	g	Kcal	G	Kcal
Casein	200	800	200	800
L-Cystine	3	12	3	12
Cornstarch	315	1260	0	0
Maltodextrin	35	140	125	500
Saccharose	350	1400	68,8	275,2
Cellulose	50	0	50	0
Soybean oil	25	225	25	225
Lard	20	180	245	2205
Mineral mix	10	0	10	0
Dicalcium phosphate	13	0	13	0
Calcium carbonate	5,5	0	5,5	0
Potassium citrate	16,5	0	16,5	0
Vitamin mixture	10	40	10	40
Choline bitartrate	2	0	2	0
Tartrazine	0,05	0		
Blue dye			0,05	0
Total	1055,05	4057	773,85	4057

Ingredients and nutritional input of both control and high fat diet (Research Diet INC, Rodent Diet, Product data D12450B and D12492, USA).