

**Table S1 The compositions of the standard diet and the high-fat diet**

<b>Ingredient</b>	<b>Standard diet</b>	<b>High-fat diet</b>
Casein, 30 Mesh	140 g (560 kcal)	200 g (800 kcal)
L-Cystine	1.8 g (7.2 kcal)	3 g (12 kcal)
Corn Starch	495.7 g (1983 kcal)	72.8 g (291 kcal)
Maltodextrin 10	125 g (500 kcal)	100 g (400 kcal)
Sucrose	100 g (400 kcal)	172.8 g (691 kcal)
Cellulose, BW200	50 g (0 kcal)	50 g (0 kcal)
Soybean Oil	40 g (360 kcal)	25 g (225 kcal)
Lard	0 g (0 kcal)	177.5 g (1598 kcal)
t-Butylhydroquinone	0.008 g (0 kcal)	0 g (0 kcal)
Mineral Mix S10022M	35 g (0 kcal)	0 g (0 kcal)
Mineral Mix S10026	0 g (0 kcal)	10 g (0 kcal)
DiCalcium Phosphate	0 g (0 kcal)	13 g (0 kcal)
Calcium Carbonate	0 g (0 kcal)	5.5 g (0 kcal)
H <sub>2</sub> O	0 g (0 kcal)	16.5 g (0 kcal)
Vitamin Mix V10037	10 g (40 kcal)	0 g (0 kcal)
Vitamin Mix V10001	0 g (0 kcal)	10 g (40 kcal)
Choline Bitartrate	2.5 g (0 kcal)	2 g (0 kcal)
FD&C Red Dye #40	0 g (0 kcal)	0.05 g (0 kcal)
Cholesterol	0 g (0 kcal)	18 g (0 kcal)
Total	1000 g (3850 kcal)	876.15 g (4057 kcal)