

**Table S1. Composition of the animal diet.**

Ingredients	Chow diet (D12450H)	High-fat diet (D12451)
Casein	18.96%	23.31%
L-Cystine	0.28%	0.35%
Corn Starch	42.86%	8.48%
Maltodextrin 10	7.11%	11.65%
Sucrose	16.38%	20.14%
Cellulose,BW200	0.47%	5.83%
Soybean oil	2.37%	2.91%
Lard	1.90%	20.68%
Mineral Mix	0.95%	1.17%
Vitamin Mix	0.95%	1.17%
Choline Bitartrate	0.19%	0.23%
DiCalcium Phosphate	1.23%	1.57%
Calcium Crabonate	0.52%	0.64%
Potassium Citrate,1 H <sub>2</sub> O	1.56%	1.92%
Total calories (kcal/g)	3.85	4.73