Supplemental Table 1. Diet composition.

Component	Chow (CE-2)	High-Carbohydrate (D12450H)		High-Fat (D12451)		High-Fiber (D14053101)		High-Protein (D15122105)	
	wt%*	gm	kcal	gm	kcal	gm	kcal	gm	kcal
Proximate composition of CE-2									
Crude protein	25								
Crude fat	4.8								
Crude fiber	4.8								
Crude ash	7.1								
Major ingredient composition									
Carbohydrate									
Corn starch	—	452.2	1809	72.8	291	452.2	1809	150.2	600.8
Maltodextrin 10	—	75	300	100	400	75	300	75	300
Sucrose	—	172.8	691	172.8	691	172.8	691	172.8	691.2
Protein									
Casein	—	200	800	200	800	200	800	200	800
L-Cystine	—	3	12	3	12	3	12	3	12
Egg white	—	0	0	0	0	0	0	302	1208
Fat									
Soybean oil	—	25	225	25	225	25	225	25	225
Lard	—	20	180	177.5	1598	20	180	20	180
Fiber									
Cellulose, BW200	—	50	0	50	0	50	0	50	0
Inulin	—	0	0	0	0	117	117	0	0

* For CE-2, only the manufacturer-reported proximate composition is shown as wt% (g/100 g diet); detailed ingredient amounts and caloric values are not publicly disclosed.

For the purified diets, the amounts (gm) and corresponding energy values (kcal) of the major ingredients are shown.