

1 **Table S1 Compositions of diet**

Diet	Basic feed	High-fat feed
	Energy composition (%)	
Carbohydrate	63.9%	35%
Protein	20.3%	20%
Fat	15.8%	45%
	Composition of raw materials (g/kg)	
Casein	200	200
L-cysteine	3	3
Corn flour	397	72.8
Maltodextrin	132	100
Cane sugar	100	172.8
Cellulose	50	50
Soybean oil	70	25
Tert-Butylhydroquinone	0.014	25
Lard	0	177.5
Mineral blend	35	10
Dicalcium phosphate	0	13
Calcium carbonate	0	5.5
Potassium tartrate	0	16.5
Vitamine	10	10
Choline bitartrate	2.5	2
FD&C Red Dye	0	0.05

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