**Table S1**. Composition of experimental foods (g/kg).

|  |  |  |
| --- | --- | --- |
| Ingredient (g/kg) | High fat diet | Normal diet |
| Corn starch |  | 465.0 |
| Casein | 265.0 | 210.0 |
| L-cystine | 4.0 | 3.0 |
| Carbohydrate  | 160.0 |  |
| Sucrose  | 90.0 | 90.0 |
| Maltodextrin |  | 100.0 |
| Cellulose (fiber)  | 65.5 | 37.2 |
| Lard  | 310.0 | 20.0 |
| Soybean Oil, USP  | 30.0 | 20.0 |
| Choline bitartrate |  | 2.8 |
| Vitamin Mix  | 27.4 | 15.0 |
| Calcium phosphate |  | 2.0 |
| Mineral Mix  | 48.0 | 35.0 |
| Dye  | 0.1 |  |
| Total (g)  | 1000 | 1000 |
| Protein (% kcal)  | 20 | 20.5 |
| Carbohydrate (% kcal)  | 20 | 69.1 |
| Fat (% kcal) | 60 | 10.5 |