**Table S1. The composition of high-fat diet and basic diet.**

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Composition |  Basic diet (g/kg) | High-fat diet (g/kg) |
|  |  |  |  |  |
| Cornstarch | 397. | 486 | 287. | 485 |
| Casein | 200 |  | 200 |  |
| Dextrin | 132 |  | 132 |  |
| Sucrose | 100 |  | 100 |  |
| Lard | 0 |  | 150 |  |
| Soybean oil | 70 |  | 30 |  |
| Cellulose | 50 |  | 50 |  |
| Mixed minerals | 35 |  | 35 |  |
| Mixed vitamins | 10 |  | 10 |  |
| L-Cystine | 3 |  | 3 |  |
| Bile salt |  2. | 5 | 2. | 5 |
| TBHQ (Antioxidant) | 0. | 014 | 0. | 015 |
| Total |  1000 |  | 1000 |  |
| Total energy | 16558. | 86 KJ | 18841. | 34 KJ |
| Fat supply | 15 | % | 36 | % |