**Supplementary Table 1. Composition of the diets**

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| Content | High Fat Diet | Control Diet |
| Casein (g/kg) | 230 | 190 |
| Cornstarch (g/kg) | 199.486 | 439.486 |
| Sucrose (g/kg) | 200 | 200 |
| Soybean oil (g/kg) | 70 | 70 |
| Lard (g/kg) | 200 | 0 |
| Fibre (g/kg) | 50 | 50 |
| Vitamin mix (g/kg)\* | 10 | 10 |
| Mineral mix (g/kg)\* | 35 | 35 |
| L-cystin (g/kg) | 3 | 3 |
| Choline (g/kg) | 2.5 | 2.5 |
| Antioxidant (g/kg) | 0.014 | 0.014 |
| Total mass (g) | 1000 | 1000 |
| Energy (kcal/kg) | 4950 | 3950 |
| Carbohydrate (%) | 32 | 64 |
| Protein (%) | 19 | 19 |
| Lipids (%) | 49 | 17 |

\* Mineral and vitamin mixtures are in accordance with AIN93G