

Table S1 normal diet(TP23302) and high-fat diet(TP23300) components

| Material | TP23300 | TP23302 |
|---|---------|---------|
| Protein(casein, L-cystine) | 276 | — |
| Protein(casein, L-cystine) | — | 194 |
| Carbohydrate (dextrin, sucrose) | 250 | — |
| Carbohydrate(dextrin, sucrose, corn starch) | — | 673 |
| Fat (soybean oil, lard) | 341 | — |
| Fat (soybean oil, lard) | | 40 |
| Fiber (Cellulose) | 68 | 48 |
| Mineral and vitamin mixture | 65 | 45 |
| Antioxidant (TBHQ) | 0.07 | 0.01 |
| Total | 1000 | 1000 |
| Energy, kcal/g | 5.1 | 3.6 |
| % kcal from Protein | 19% | 19% |
| Carbohydrate | 21% | 71% |
| Fat | 60% | 10% |