**S2 Table**. Sample sizes for post-weaning measures.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| sex | generation | diet | body weight (no. rats) | body composition (no. rats) | calorie intake (no. cages of 2 rats) |
| males | F1 | R | 8 | 8 | 4 |
|  |  | HF | 8 | 8 | 4 |
|  |  | LP | 8 | 8 | 4 |
|  | F2 | R | 12 | 8 | 6 |
|  |  | HF | 8 | 8 | 4 |
|  |  | LP | 12 | 8 | 6 |
|  | F3 | R | 22 | 8 | 11 |
|  |  | HF | 10 | 8 | 5 |
|  |  | LP | 10 | 8 | 5 |
| females | F1 | R | 8 | 8 | 4 |
|  |  | HF | 8 | 8 | 4 |
|  |  | LP | 8 | 8 | 4 |
|  | F2 | R | 20 | 8 | 10 |
|  |  | HF | 12 | 8 | 6 |
|  |  | LP | 22 | 8 | 11 |
|  | F3 | R | 24 | 8 | 12 |
|  |  | HF | 26 | 8 | 13 |
|  |  | LP | 26 | 8 | 13 |