Supplementary Table 1. **Morphometric characteristics of Sirt1+/Δex4 and Sirt1Δex4/Δex4 mice**

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| --- | --- | --- |
| Characteristics | Sirt1+/∆ex4 | Sirt1∆ex4/∆ex4 |
| Body weight (g) | 33.78 ± 1.86 | 22.80 ± 1.15 \*\* |
| Body mass index | 30.92 ± 1.52 | 27.03 ± 1.52 |
| *Gastrocnemius* weight (mg) | 137.00 ± 12.00 | 92.00 ± 8.00 \* |
| *Tibialis* *anterior* weight (mg) | 50.00 ± 5.00 | 35.00 ± 3.00 \* |
| *Extensor digitorum longus* weight (mg) | 10.40 ± 0.12 | 7.93 ± 0.62 \* |
| *Soleus* weight (mg) | 5.89 ± 0.67 | 4.20 ± 0.45 p = 0.08 |
| *Gastrocnemius* (mg/g of body weight) | 4.06 ± 0.33 | 4.01 ± 0.24 |
| *Tibialis anterior* (mg/g of body weight) | 1.49 ± 0.15 | 1.52 ± 0.12 |
| *Extensor digitorum longus* (mg/g of body weight) | 0.29 ± 0.02 | 0.31 ± 0.03 |
| *Soleus* (mg/g of body weight) | 0.18 ± 0.02 | 0.19 ± 0.01 |

Data are expressed as means ± SE (n = 4/group). \**P* < 0.05 and \*\**P* < 0.01: significantly different from Sirt1+/Δex4 mice.