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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Reference** | **GEO ID** | **Model** | **Mouse Backgroung** | **Sex** | **Muscle Used** | **Control Muscle Weight (mg)** | **Early Muscle Weight (mg)** | **Reported P-Value**  **(Early vs Control)** | **Late Muscle Weight (mg)** | **Reported P-Value**  **(Late vs Control)** |
| (20) | GSE114820 | LLC (subcut. allograft) | C57BL/6J | Male | Gastrocnemius | 133.9 ± 11.2 | 119.3 ± 9.8 | <0.05 | 111.6 ± 10.9 | 0.0016 |
| (7, 9) | GSE222317 | Female | Gastrocnemius | 89.60 ± 1.17ab | 94.63 ± 1.65a | NS | 85.58 ± 2.17b | NS |
| (10) | GSE157251 | KPC | GEMM (C57BL/6) | Male | Quadriceps | - | -18.9% | <0.0001 | -32.2% | <0.0001 |
| GSE157251 | Female | Quadriceps | - | NS | NS | -30.6% | <0.0001 |
| (8) | GSE276018 | C26 (subcut. allograft) | Balb/C | Male | Tibialis Anterior | 45.6 ± 1.3 | 39.9 ± 1.5 | 0.01 | - | - |
| GSE276018 | Female | Tibialis Anterior | 38.1 ± 0.6 | 36 ± 1.8 | NS | - | - |
| (13) | GSE276018 | *Apcmin/+* | C57BL/6J | Male | Tibialis Anterior | 51.73 ± 1.77 | - | - | 30.2 ±3.16 | <0.0001 |
| GSE276018 | Female | Tibialis Anterior | 41.74 ± 2.12 | - | - | 30 ± 2.1 | 0.0003 |