S5 Table: mRNA content at baseline of all gene isoforms.

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| Gene | mRNA content at baseline (a.u.) | Biopsy time with peak mRNA content (h) |
| PGC-1α4 | 0.40 | 3 |
| PGC-1α  | 11.12 | 3 |
| PPARα | 2.99 | 3 |
| PPARγ | 0.02 | 48 |
| CD36 | 26.99 | 24 |
| CPT1A | 0.34 | 3 |
| PDK4 | 7.34 | 9 |
| UCP3 | 2.28 | 24 |
| TFEB | 0.15 | 24 |
| p53 | 0.13 | 48 |
| GLUT4 | 6.74 | 72 |
| NRF1 | 0.06 | 24 |