nature metabolism

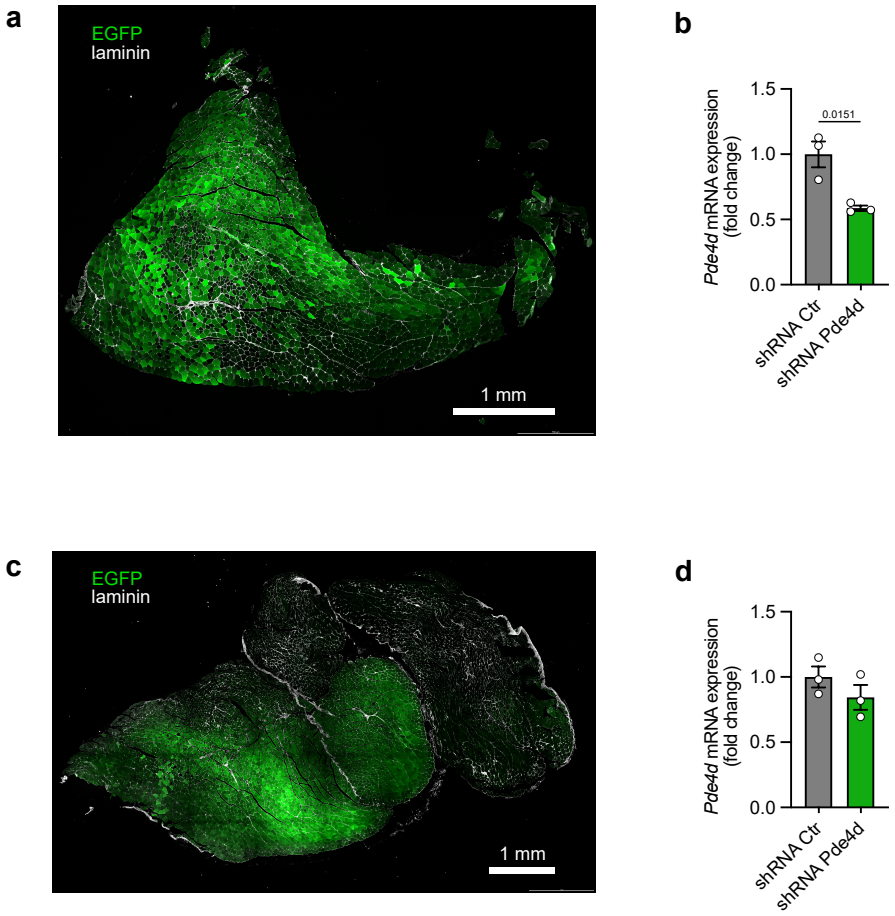
Supplementary information

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Impaired cAMP–PKA–CREB1 signalling drives mitochondrial dysfunction in skeletal muscle during cancer cachexia

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Supplementary Data Figure 1



Supplementary Data Fig. 1

a, Representative image of transversal section of whole tibialis anterior. The white scale bar indicates 1 mm. Positively transduced fibers (EGFP+) are marked in green; anti-laminin immunostaining is marked in white. Representative of n=3. **b**, *Pde4d* mRNA expression fold change in whole tibialis anterior 21 days post-transduction with EGFP-tagged AAV9 vector expressing an shRNA control (shRNA Ctr) or an shRNA targeting Pde4d (shRNA Pde4d). n=3 mice for each experimental group. Two-tailed *t*-test. **c**, Representative image of transversal section of whole gastrocnemius muscle. The white scale bar indicates 1 mm. Positively transduced fibers (EGFP+) are marked in green; anti-laminin immunostaining is marked in white. Representative of n=3. **d**, *Pde4d* mRNA expression fold change in whole gastrocnemius 21 days post-transduction with EGFP-tagged AAV9 vector expressing an shRNA control (shRNA Ctr) or an shRNA targeting Pde4d (shRNA Pde4d). n=3 mice for each experimental group. Two-tailed *t*-test. Data are presented as mean values ± SEM in **b** and **d**, significant p values are annotated in the graphs.