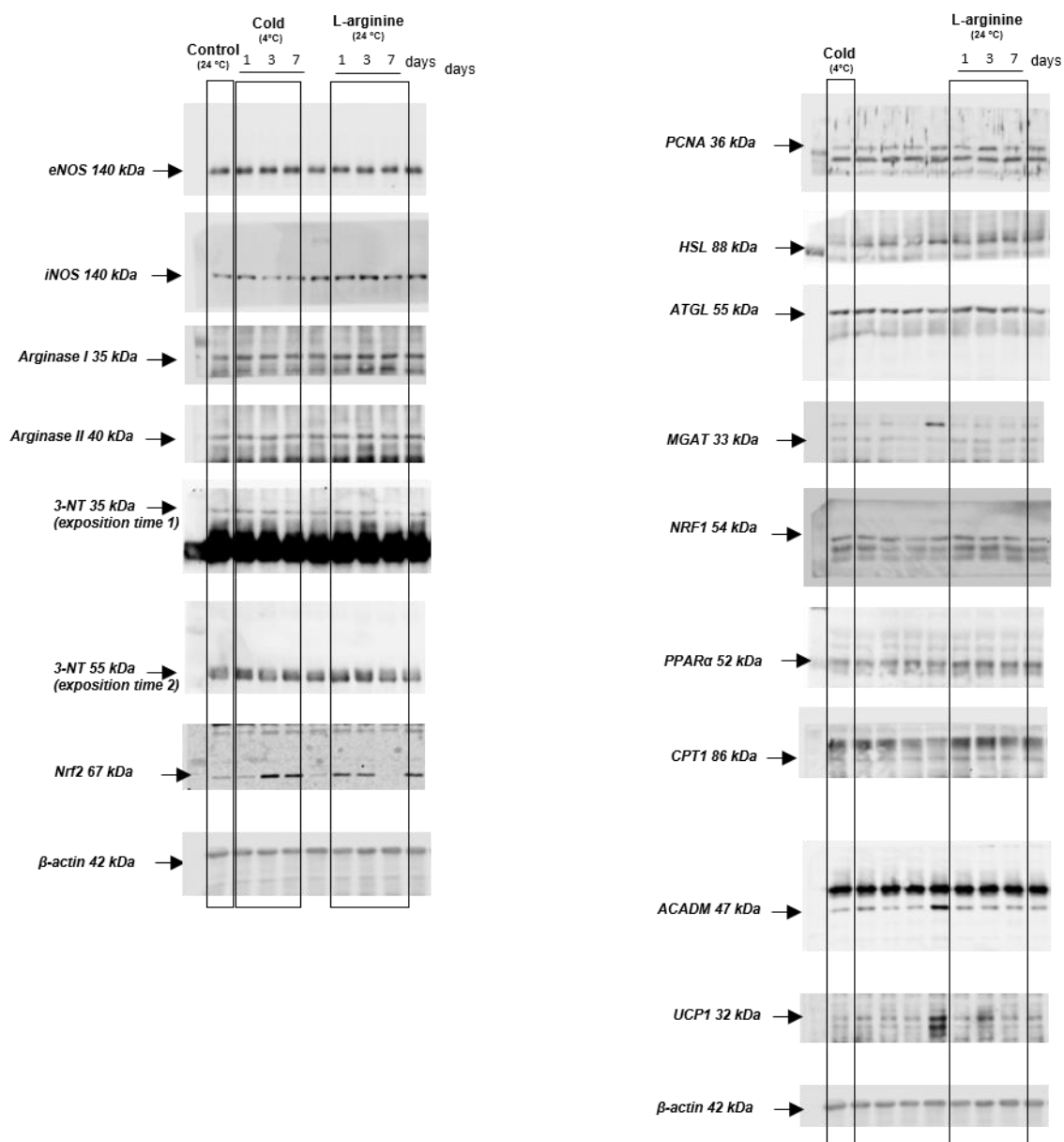


Western blot

Supplementary Figure S1. Images of whole blots against endothelial nitric oxide synthase (eNOS), inducible nitric oxide synthase (iNOS), 3-nitrotyrosine (3-NT), arginase I, arginase II, hormone sensitive lipase (HSL), adipose triglyceride lipase (ATGL), monoacyl-glycerol acyltransferase 1 (MGAT1), carnitine palmitoyltransferase 1 (CPT1), proliferating cell nuclear antigen (PCNA), nuclear factor erythroid 2-related factor 2 (Nrf2), uncoupling protein 1 (UCP1), nuclear respiratory factor 1 (NRF1), peroxisome proliferator-activated receptor- α (PPAR α), acyl-CoA dehydrogenase medium chain (ACADM) and β -actin for retroperitoneal white adipose tissue (rpWAT). Each image is representative of three independent trials, showing one representative band per group (control, cold-exposed for 1 day, cold-exposed for 3 days, cold-exposed for 7 days, L-arginine treated for 1 day, L-arginine treated for 3 days, L-arginine treated for 7 days, respectively). Prior to loading, six samples from each group were pooled to obtain one sample shown in blots.



Supplementary Table S1. Primers sequences and cycling conditions for RT-PCR.

Gene	Sequence	Cycle number
<i>PGC-1α</i>		
Forward:	5′ - TGC CCC TGC CAG TCA CAG GA - 3′	45
Reverse:	5′ - GCT CAG CCG AGG ACA CGA GG - 3′	
Cycle protocol:	15″ at 95 °C, 30″ at 60 °C, 30″ at 72 °C	
<i>Cidea</i>		
Forward:	5′ - TCA GAC CCT AAG AGA CAA CAC A - 3′	40
Reverse:	5′ - CAT TGA GAC AGC CGA GGA - 3′	
Cycle protocol:	15″ at 95 °C, 30″ at 60 °C, 20″ at 72 °C	
<i>Cd137</i>		
Forward:	5′ - AAG CAA CCA TTT AAG AAG GCG G - 3′	40
Reverse:	5′ - GGA TGG CAC ATT ACA GCT CG - 3′	
Cycle protocol:	15″ at 95 °C, 30″ at 60 °C, 20″ at 72 °C	
<i>Tmem26</i>		
Forward:	5′ - GCT GTT CCT GTT GCA TTC CC - 3′	40
Reverse:	5′ - GGA GAA AGC CAT TTG TAG CCT C - 3′	
Cycle protocol:	15″ at 95 °C, 30″ at 60 °C, 20″ at 72 °C	
<i>18 rRNK</i>		
Forward:	5′ - CAC GGA CAG GAT TGA CAG AT - 3′	
Reverse:	5′ - CAA ATC GCT CCA CCA ACT AA - 3′	