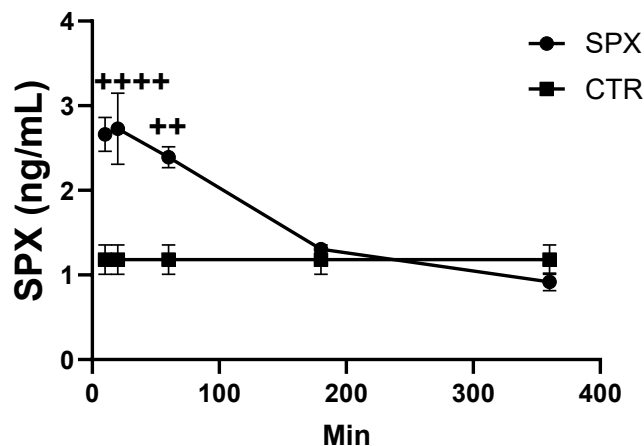
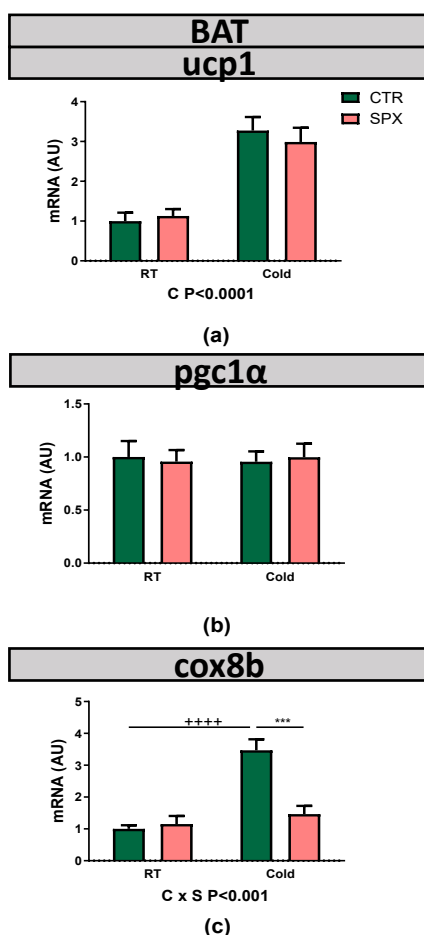


Supplementary Figures

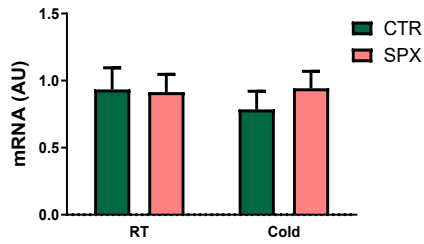


Supplementary figure 1. SPX levels (ng/ml, EIA Phoenix pharmaceutical) after intraperitoneal injection with SPX (29 μ g/kg). or Vehicle in mice Different time points were evaluated after ip. Injections (10, 20, 60, 180, 360 minutes). ++++P<0.0001, ++P<0.01 vs. CTR.



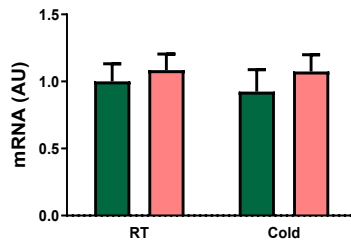
Supplementary Figure 2. ucp1 (a), pgc1 α (b) and cox8b (c) mRNA expression in BAT. In all cases, two-way ANOVA was performed for factor (S or C) and interaction (S x C) analysis and detailed below the graph only when significant.. When interaction is statistically significant, group to group comparison was performed by Bonferroni test. ++++ P<0.0001 vs. CTR and ***P<0.001 vs. CTR-C (n=4-6 mice per group). Data was showed as mean \pm SEM.

BAT
spx



(a)

galr2



(b)

Supplementary Figure 3. (a) *galr2* and (b) *spx* mRNA expression in BAT. In all cases, two-way ANOVA was performed for factor (S or C) and interaction (S x C) analysis and detailed below the graph only when significant. When interaction is statistically significant, group to group comparison was performed by Bonferroni test (n=4-6 mice per group). Data was showed as mean \pm SEM.