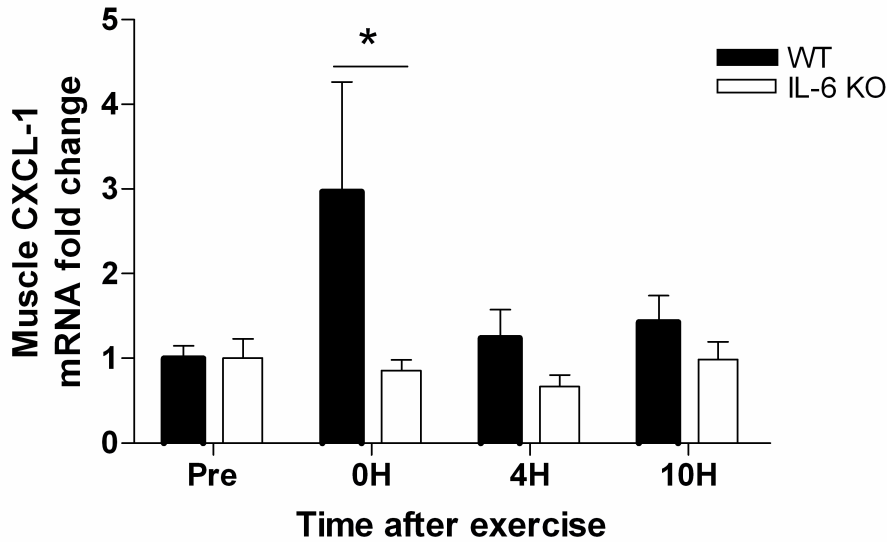


Supplemental figure 1



Supplemental Figure 1. Exercise-induced muscle CXCL-1 mRNA expression is inhibited in IL-6 knock out mice. Muscle CXCL-1 mRNA expression was measured immediately (0h), four hours (4h) or ten hours (10h) after a single bout of exercise in WT and IL-6 knock out (KO) mice. The relative CXCL-1 mRNA expression is presented as fold change values proportional to the non-exercising control group (Pre). Data are depicted as means \pm S.E.M (N = 12). Statistical significance was tested by 2-way ANOVA with Bonferroni's post hoc test.

Supplemental table 1

CT values:	Tibialis	Soleus	Gastrocnemius	Liver	Spleen	Vis. fat	Sub. fat	Kidney	Heart
Pre (-1H)	29.4 \pm 0.2	31.4 \pm 0.4	31.9 \pm 0.3	28.0 \pm 0.2	30.9 \pm 0.1	28.9 \pm 0.3	29.7 \pm 0.3	28.9 \pm 0.3	28.2 \pm 0.2
0H	27.2 \pm 0.2	30.7 \pm 0.2	30.2 \pm 0.4	27.6 \pm 0.3	29.9 \pm 0.2	28.8 \pm 0.5	29.8 \pm 0.2	26.8 \pm 0.3	27.3 \pm 0.3
2H	28.5 \pm 0.3	31.2 \pm 0.4	31.6 \pm 0.8	22.7 \pm 0.4	30.8 \pm 0.2	29.1 \pm 0.3	28.4 \pm 0.6	27.2 \pm 0.4	28.3 \pm 0.2
5H	31.7 \pm 0.2	32.0 \pm 0.4	32.0 \pm 0.4	26.4 \pm 0.3	31.1 \pm 0.2	29.4 \pm 0.3	29.6 \pm 0.3	28.4 \pm 0.1	26.6 \pm 0.1

Supplemental table 1. Actual mRNA expression levels (CT- values) for the CXCL-1 during the swimming exercise trial in WT mice. Data are presented as Mean \pm SEM.