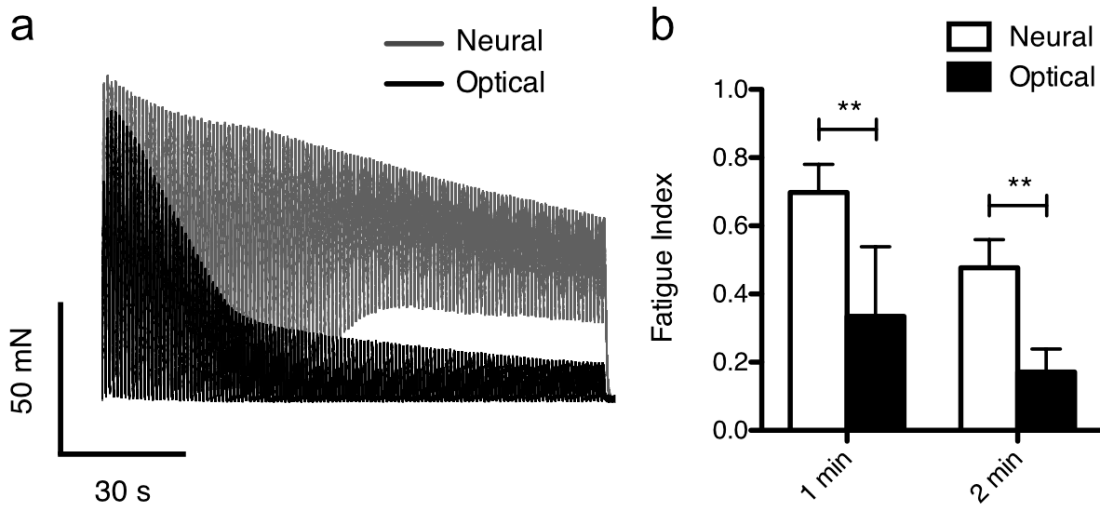


Supplementary Figure 1.



Fatigue test performed using neural or optical stimulation. Stimulation was performed at 40 Hz stimulation sustained over 350 ms and repeated every second for 2 minutes. Parameters for stimulation were those of twitch stimuli as described in methods. (a) Representative force curves show a more rapid fatigue of optical stimulation compared to neural stimulation. (b) Bar graph of fatigue index under neural and optical stimulation at one and two minutes (n=6). Data represented as means \pm s.d. Statistical significance by two-way ANOVA with Bonferroni multiple comparisons. ** p<0.01