

Supplementary Table S1. Contractile and physical properties of soleus and EDL muscles from mdx mice treated with PBS or GlcNAc.

	EDL		Soleus	
	PBS	GlcNAc	PBS	GlcNAc
L0 (mm)	7.80 ± 0.18	8.00 ± 0.00	8.00 ± 0.00	8.17 ± 0.17
TPT (ms)	27.60 ± 2.28	28.17 ± 1.28	39.40 ± 1.10	40.50 ± 3.97
1/2 RT (ms)	18.80 ± 2.30	21.67 ± 2.73	42.20 ± 0.93	42.67 ± 1.93
Pt (g)	2.04 ± 0.18	2.11 ± 0.29	1.85 ± 0.05	2.13 ± 0.19
P0 (g)	7.74 ± 0.62	11.63 ± 1.02**	8.62 ± 0.43	12.02 ± 0.68**
Pt/P0	0.26 ± 0.02	0.18 ± 0.02**	0.22 ± 0.01	0.18 ± 0.02
muscle mass (mg)	6.44 ± 0.33	6.97 ± 0.25	6.22 ± 0.20	6.25 ± 0.37
body weight (g)	19.80 ± 1.06	20.83 ± 0.98		

Soleus and EDL muscles were incubated *ex vivo* and electrically stimulated to measure time to peak tension (TPT), half relaxation time (1/2RT), maximal twitch tension (Pt), and absolute force (P₀). Data are presented as mean ± see, n=6. Significantly different from respective PBS-injected *mdx* muscle, **p<0.01