

Supplemental Table 1. Primary and secondary antibodies for immunostaining.

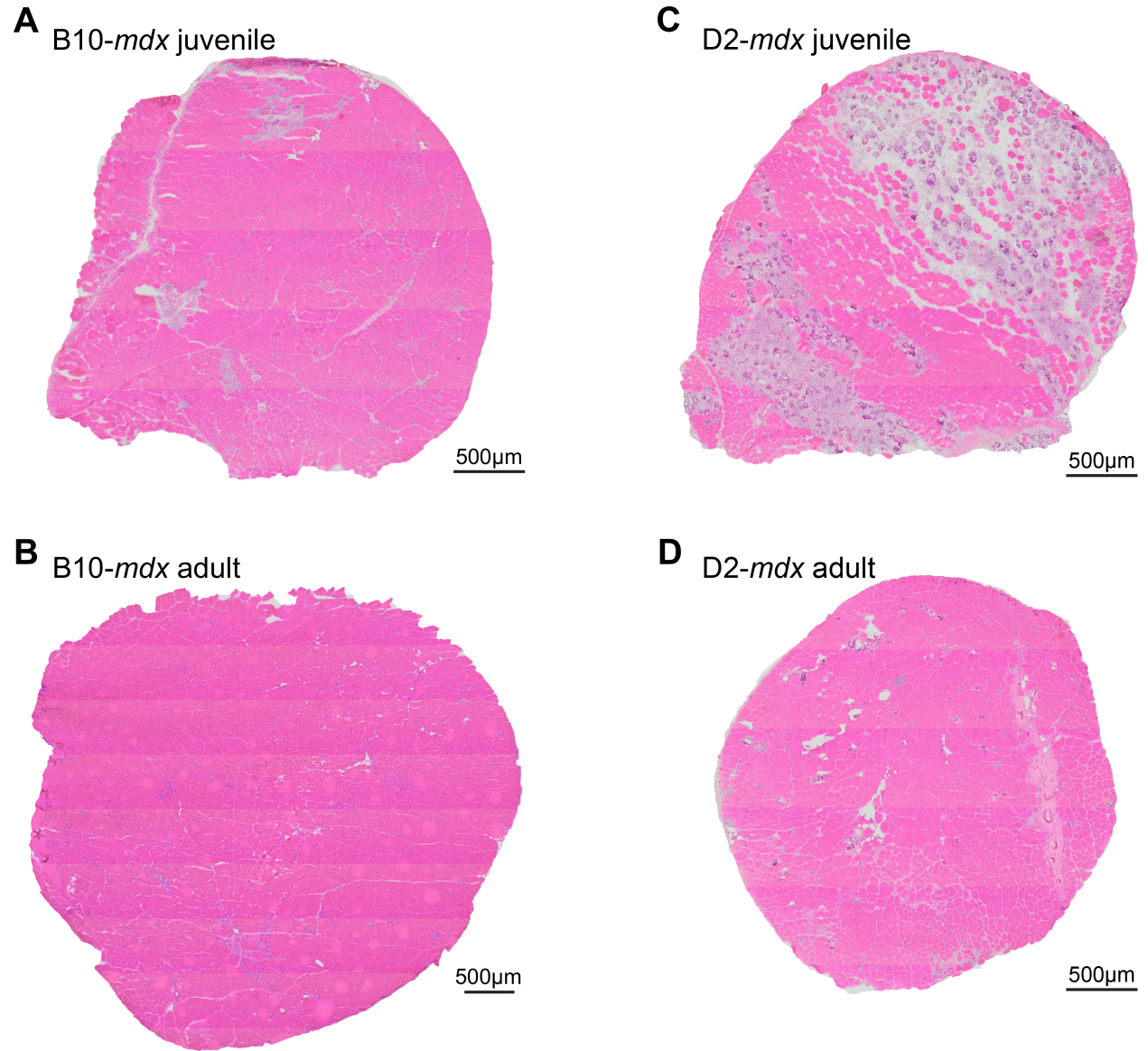
Protein Target	Primary Antibody	Secondary Antibody
BrdU	Anti-BrdU-biotin, Life Technologies, B35138 (1:100)	Streptavidin Alexa Fluor 488, (1:500), Thermo Fisher, S32354 Streptavidin Alexa Fluor 568, (1:500), Thermo Fisher, S11226
eMHC	Anti-eMHC, DSHB, F1.652 (1:25)	Goat anti-mouse IgG1 Alexa Fluor 488, (1:500), Thermo Fisher, A-21121
F4/80	Anti-F4/80; Bio-Rad, MCA497R (1:100)	Goat anti-rat IgG (H+L) Alexa Fluor 488, (1:500), Thermo Fisher, A-11006 Goat anti-rat IgG (H+L) Alexa Fluor 647, (1:500), Thermo Fisher, A-21247
iNOS	Anti-iNOS, Thermo Fisher, PA3-030A (1:100)	Goat anti-rabbit IgG (H+L) Alexa Fluor 488 (1:500), Thermo Fisher, A-11008 Goat anti-rabbit IgG (H+L) Alexa Fluor 568 (1:500), Thermo Fisher, A-11011
CD206	Anti-CD206, Bio-Rad, MCA2235 (1:50)	Mouse Anti-rat IgG2a Alexa Fluor 488 (1:250), Abcam, ab172332
PDGFR α	Anti-PDGFR α , Cell Signaling, D1E1E (1:100)	Goat anti-rabbit IgG (H+L) Alexa Fluor 488 (1:500), Thermo Fisher, A-11008 Goat anti-rabbit IgG (H+L) Alexa Fluor 568 (1:500), Thermo Fisher, A-11011
Laminin- α 2	Anti-laminin- α 2 (4H8-2); Sigma, L0663 (1:250)	Goat anti-rat IgG (H+L) Alexa Fluor 488 (1:500), Thermo Fisher, A-11006 Goat anti-rat IgG (H+L) Alexa Fluor 647 (1:500), Thermo Fisher, A-21247

Description of protein target, primary antibody (manufacturer, catalog number, dilution) and secondary antibody (Alexa Fluor conjugation, manufacturer, catalog number, dilution) shown for all immunostaining procedures performed in this study.

Supplemental Table 2. Taqman assays for quantitative reverse transcriptase PCR (qRT-PCR).

Gene Target	Gene Name	Taqman Assay
<i>Pax7</i>	Paired box 7	Mm01354484_m1 [FAM-MGB], Thermo Fisher
<i>Myog</i>	Myogenin	Mm00446194_m1 [FAM-MGB], Thermo Fisher
<i>Myod1</i>	Myogenic differentiation 1	Mm00440387_m1 [FAM-MGB], Thermo Fisher
<i>Spp1</i>	Secreted phosphoprotein 1	Mm00436767_m1 [FAM-MGB], Thermo Fisher
<i>Tnf</i>	Tumor necrosis factor	Mm00443258_m1 [FAM-MGB], Thermo Fisher
<i>Arg1</i>	Arginase	Mm00475988_m1 [FAM-MGB], Thermo Fisher
<i>Postn</i>	Periostin	Mm01284919_m1 [FAM-MGB], Thermo Fisher
<i>Il10</i>	Interleukin 10	Mm01288386_m1 [FAM-MGB], Thermo Fisher
<i>Nos2</i>	Nitric oxide synthase 2	Mm00440502_m1 [FAM-MGB], Thermo Fisher
<i>Il1b</i>	Interleukin 1 beta	Mm00434228_m1 [FAM-MGB], Thermo Fisher
<i>Il6</i>	Interleukin 6	Mm00446190_m1 [FAM-MGB], Thermo Fisher
<i>Cd163</i>	CD163 antigen	Mm00474091_m1 [FAM-MGB], Thermo Fisher
<i>Fn1</i>	Fibronectin 1	Mm01256744_m1 [FAM-MGB], Thermo Fisher
<i>Col1a1</i>	Collagen type I alpha 1	Mm00801666_g1 [FAM-MGB], Thermo Fisher

Gene symbol, gene name and corresponding Taqman assay for all qRT-PCR procedures performed in this study.



Supplemental Fig. 1. Histopathology in D2-mdx and B10-mdx models with age. A-D.

Whole cross-sectional H&E staining of triceps harvested from juvenile and adult B10-mdx (A, B, respectively) and D2-mdx B10-mdx (C, D, respectively) mice.