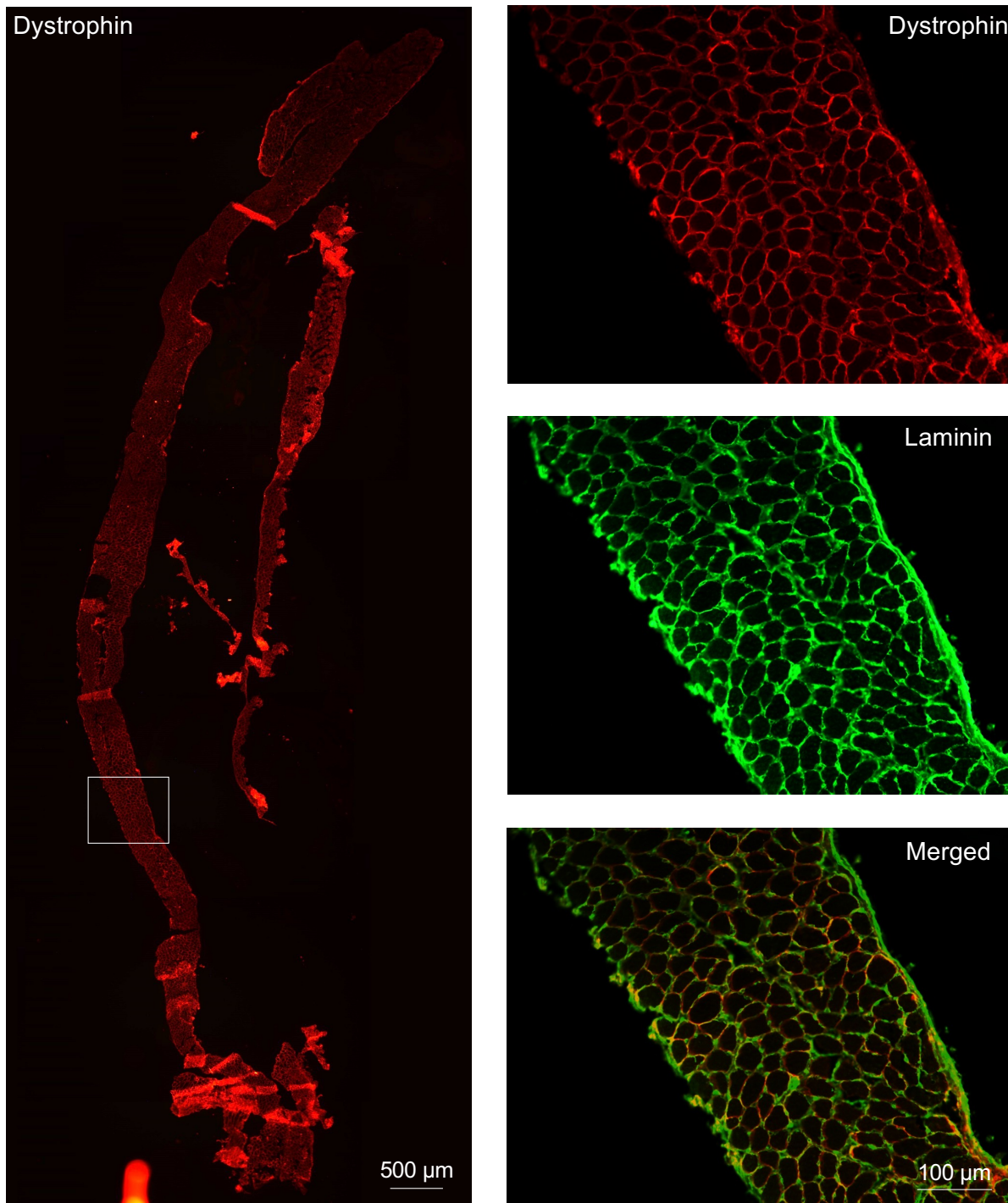


**Supplementary Figure 1. Dystrophin immunofluorescence staining in respiratory muscles.**

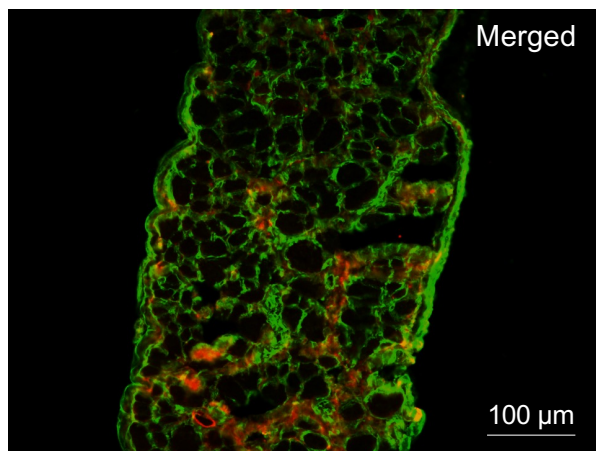
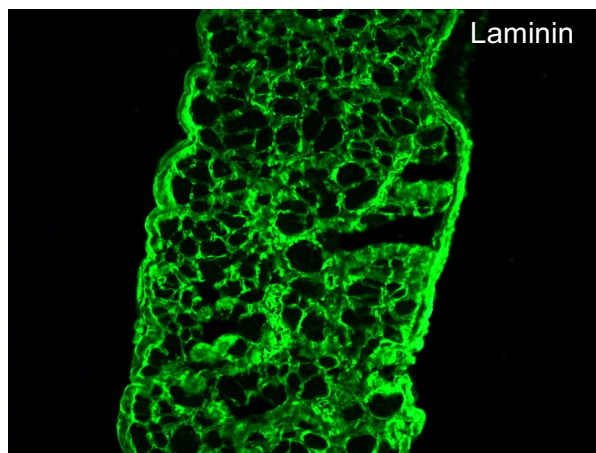
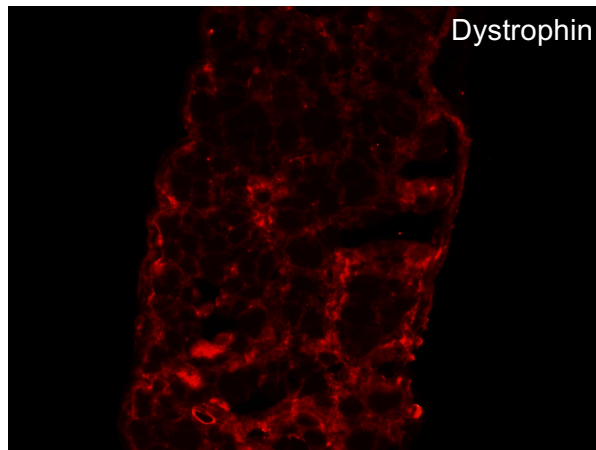
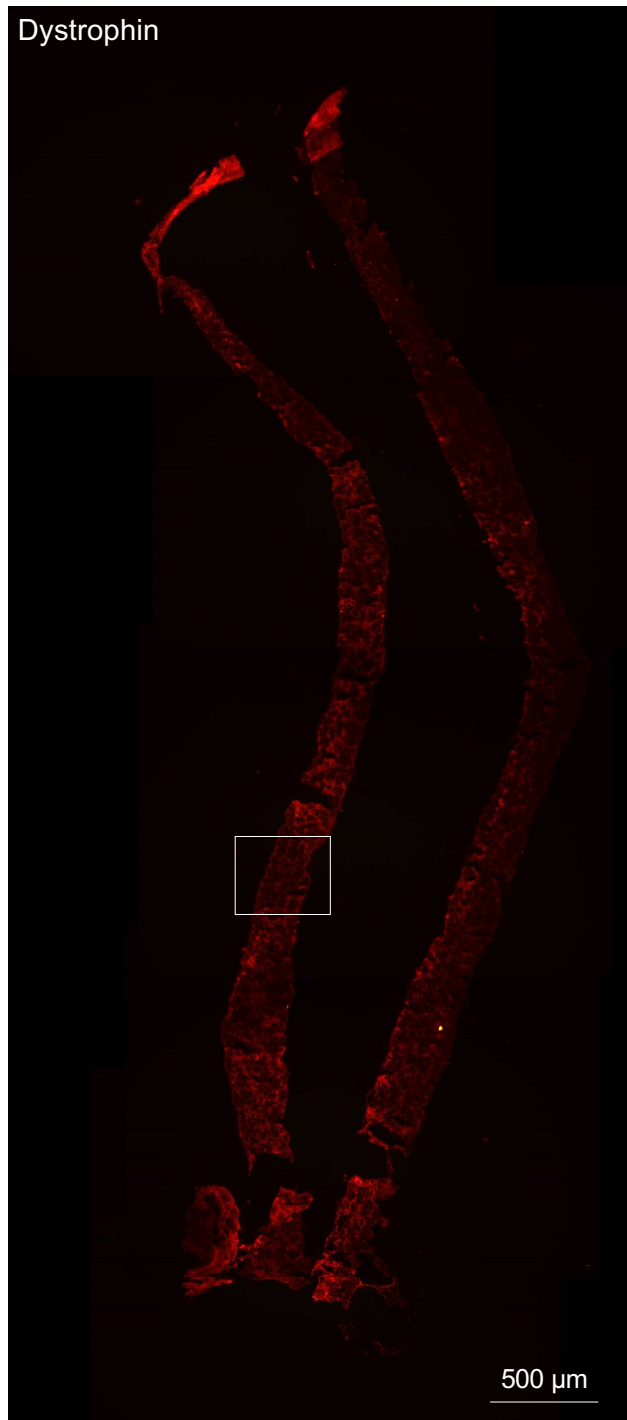
**A**, Wild type (WT) diaphragm; **B**, Mdx diaphragm; **C**, AAV9.micro-dystrophin treated mdx (AAV- $\mu$ Dys) diaphragm; **D**, Mdx abdominal muscle; **E**, AAV9.micro-dystrophin treated mdx (AAV- $\mu$ Dys) abdominal muscle; **F**, Mdx intercostal muscle; **F**, AAV9.micro-dystrophin treated mdx (AAV- $\mu$ Dys) intercostal muscle.

# A WT, Diaphragm

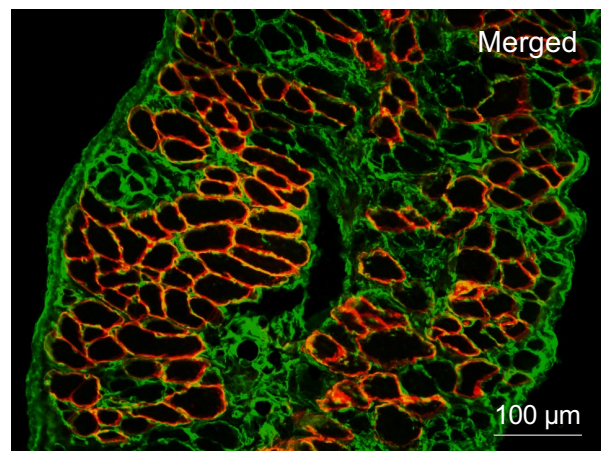
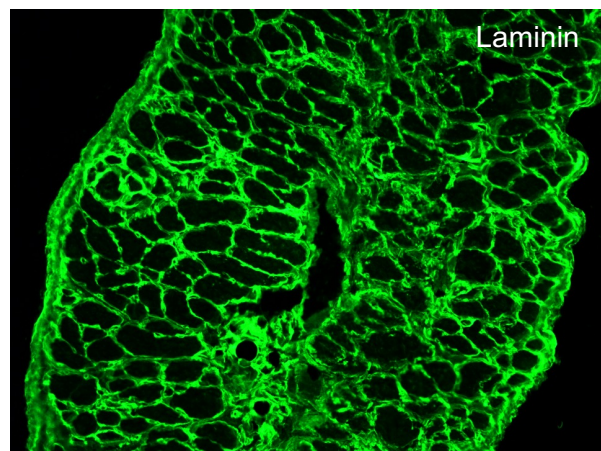
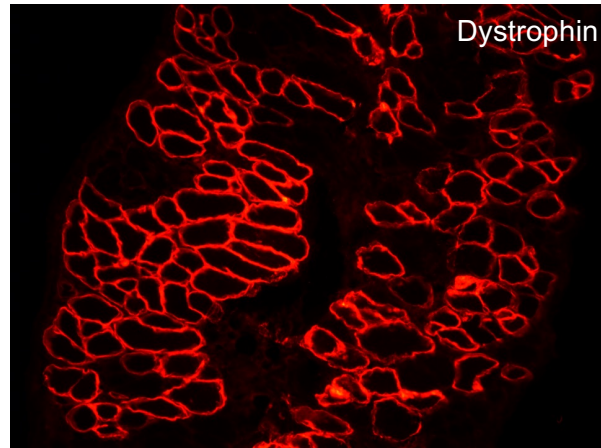
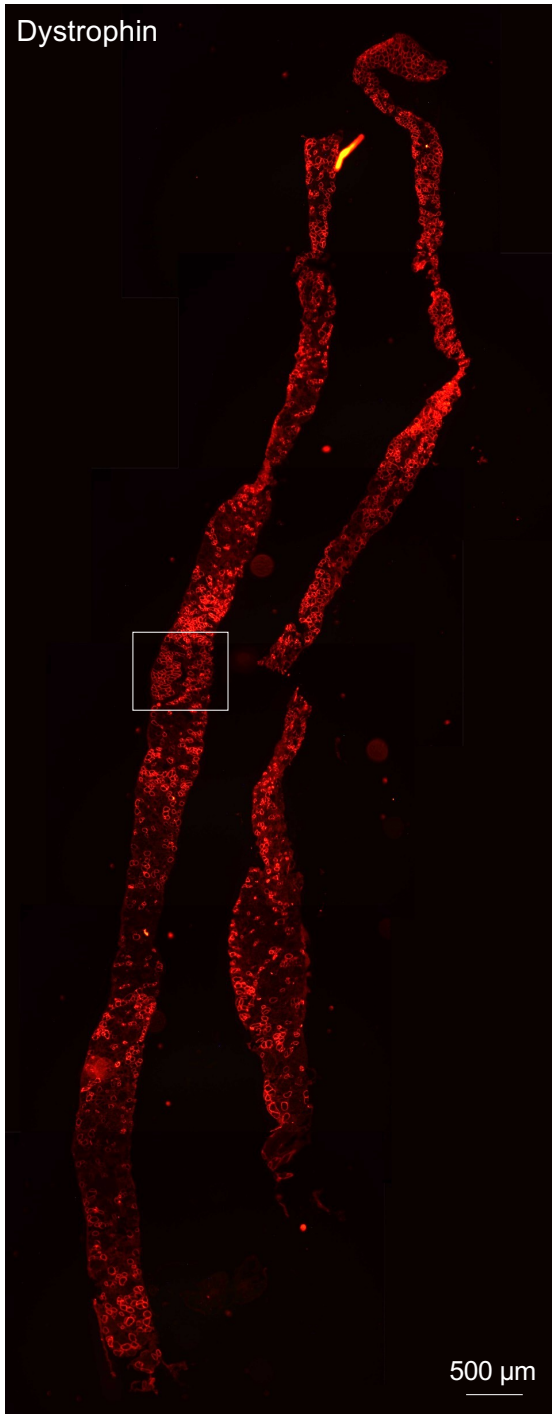


**B**

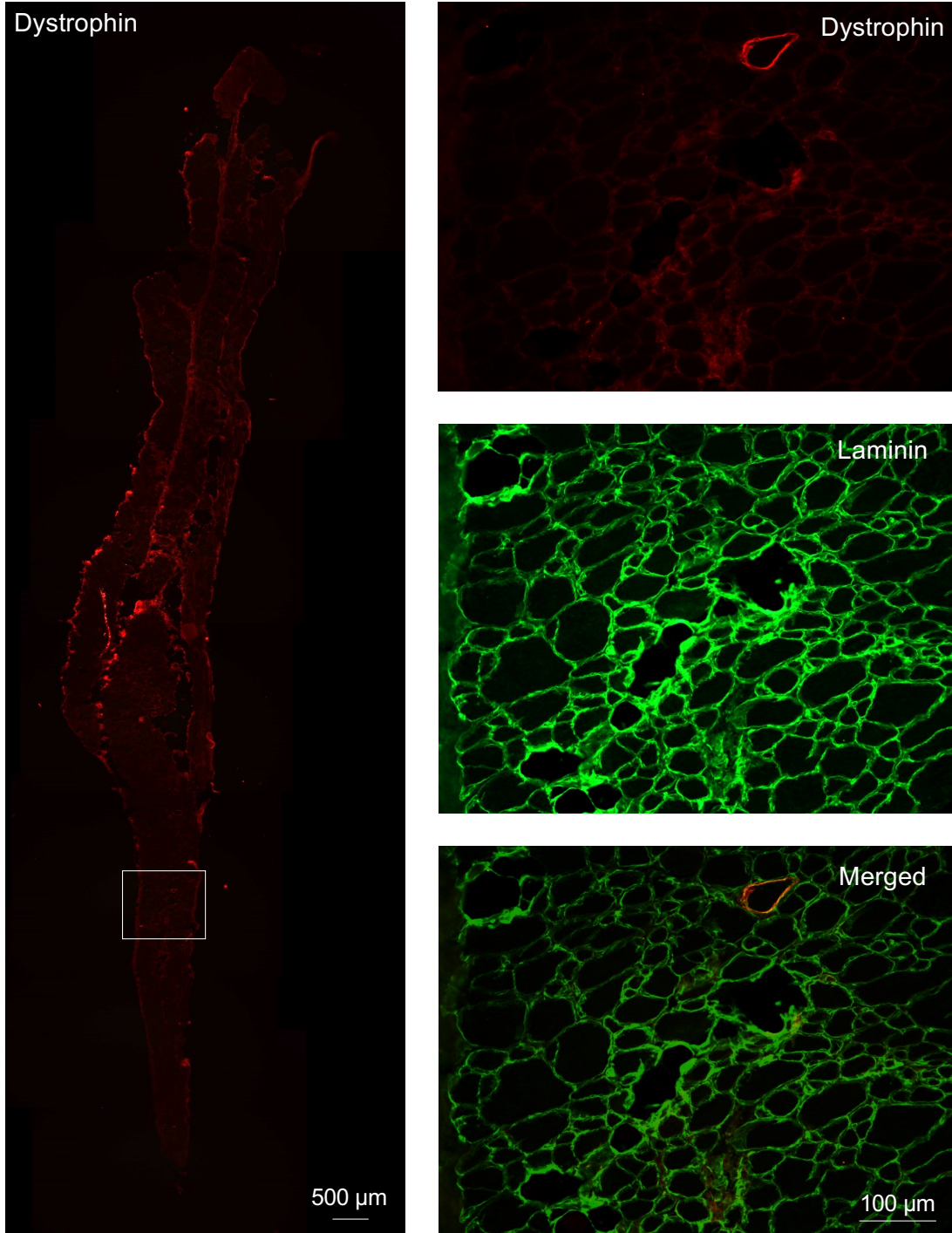
mdx, Diaphragm



# C AAV- $\mu$ Dys, Diaphragm

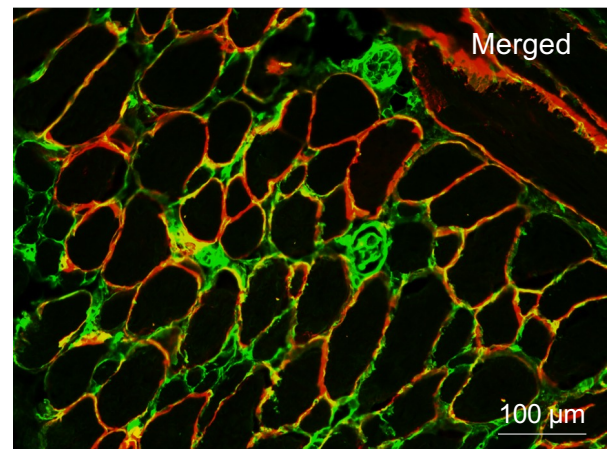
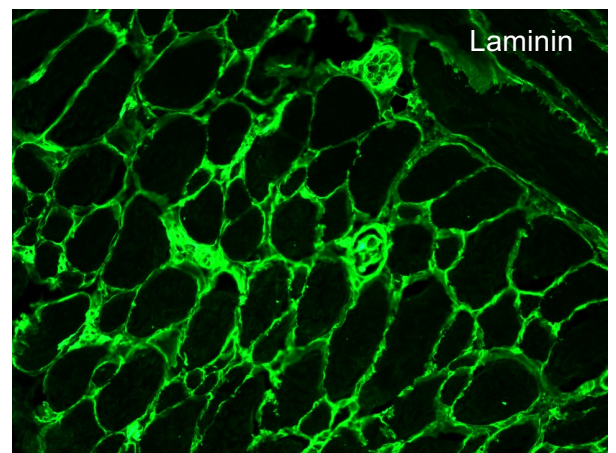
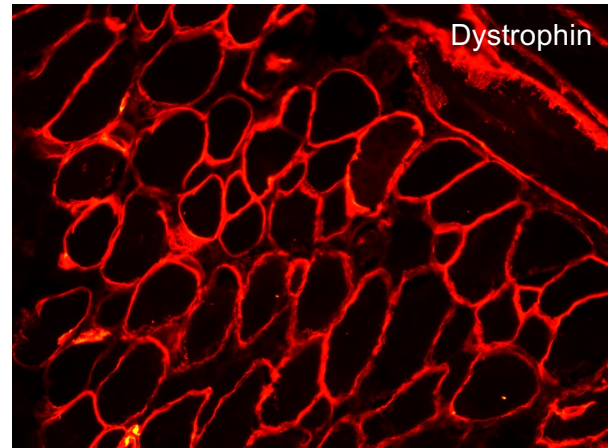
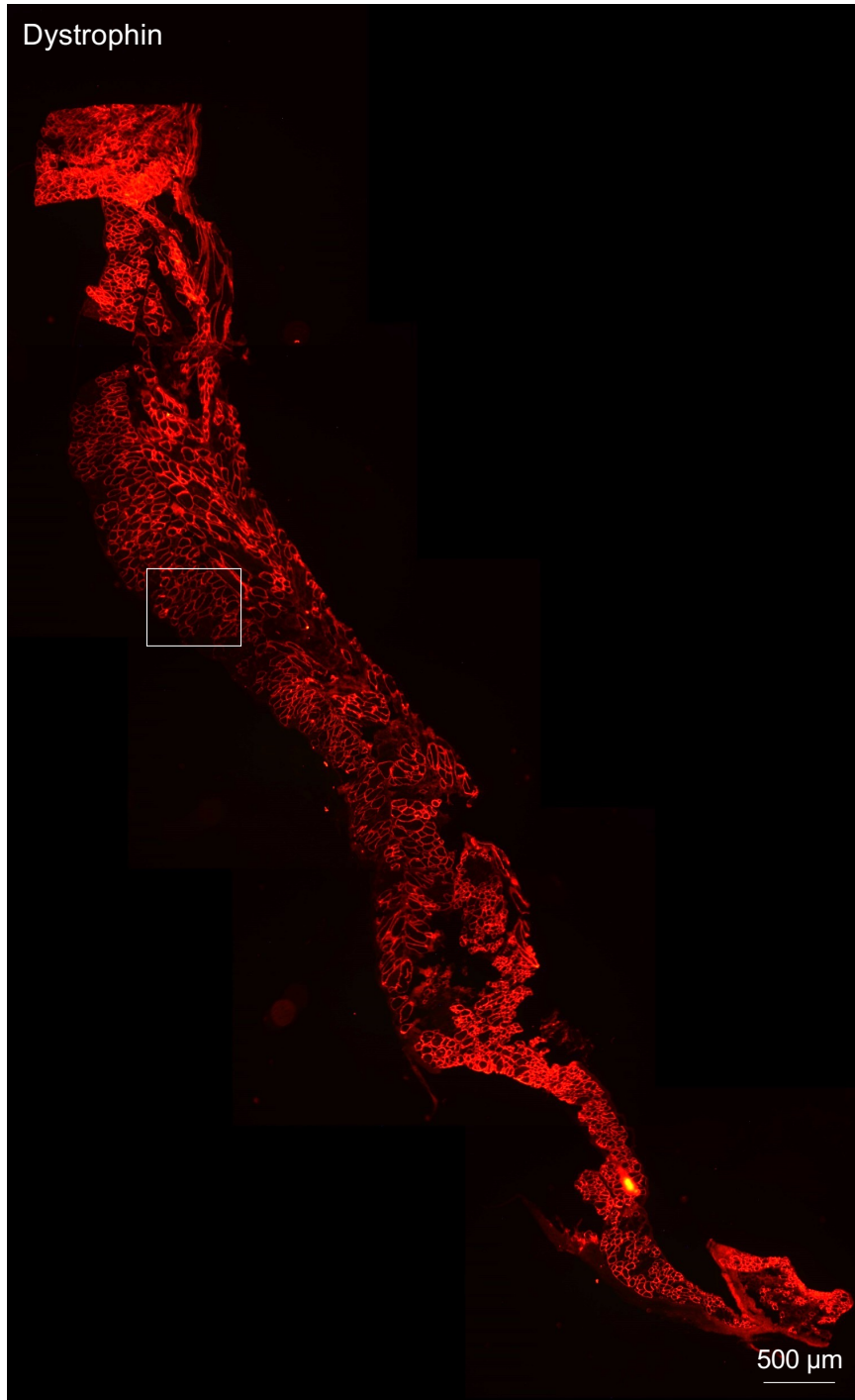


**D** mdx, Abdominal muscle



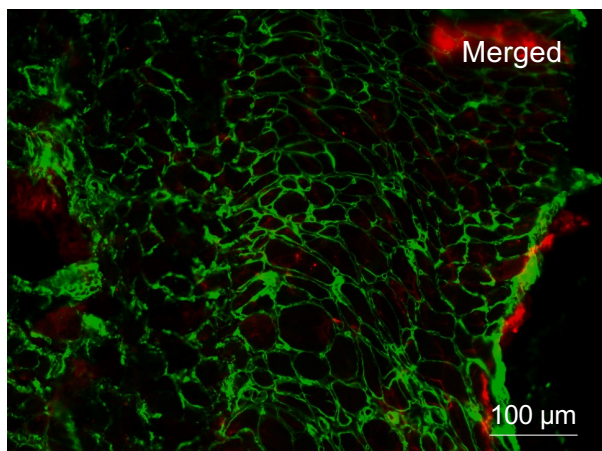
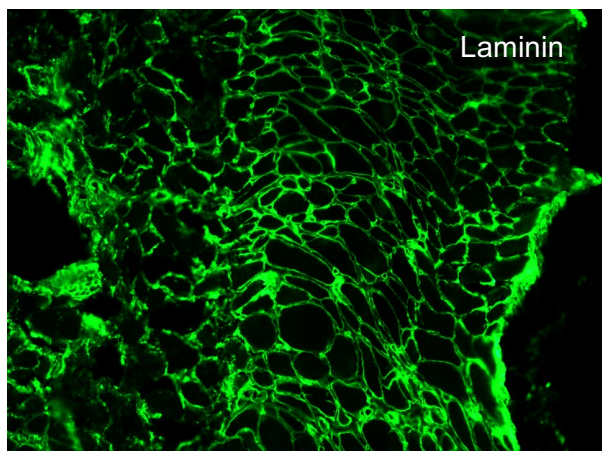
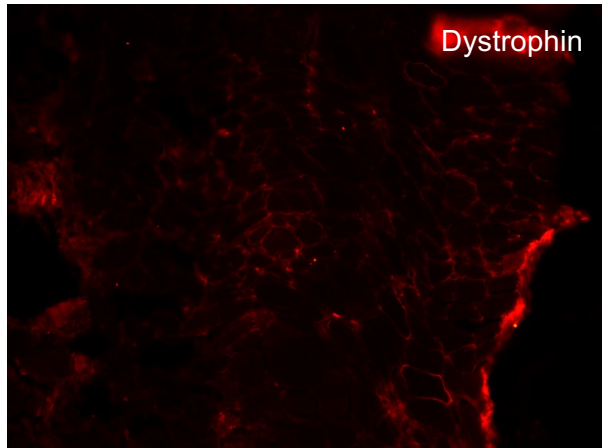
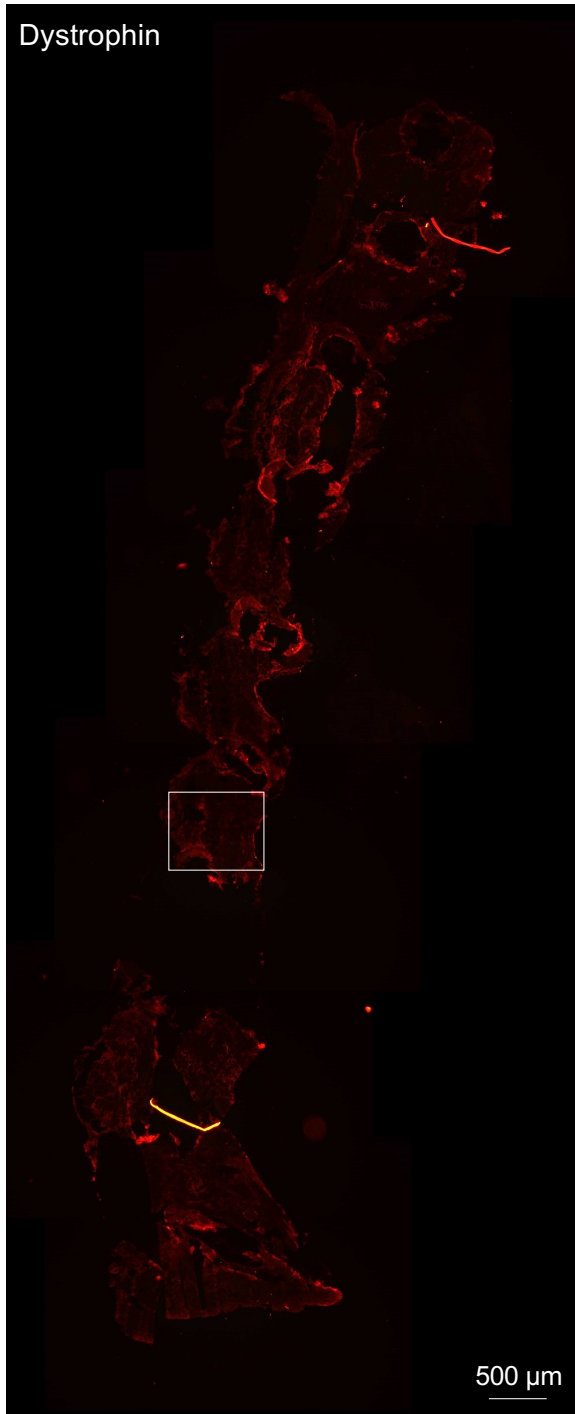
**E**

# AAV- $\mu$ Dys, Abdominal muscle



**F**

mdx, Intercostal muscle



# G AAV- $\mu$ Dys, Intercostal muscle

