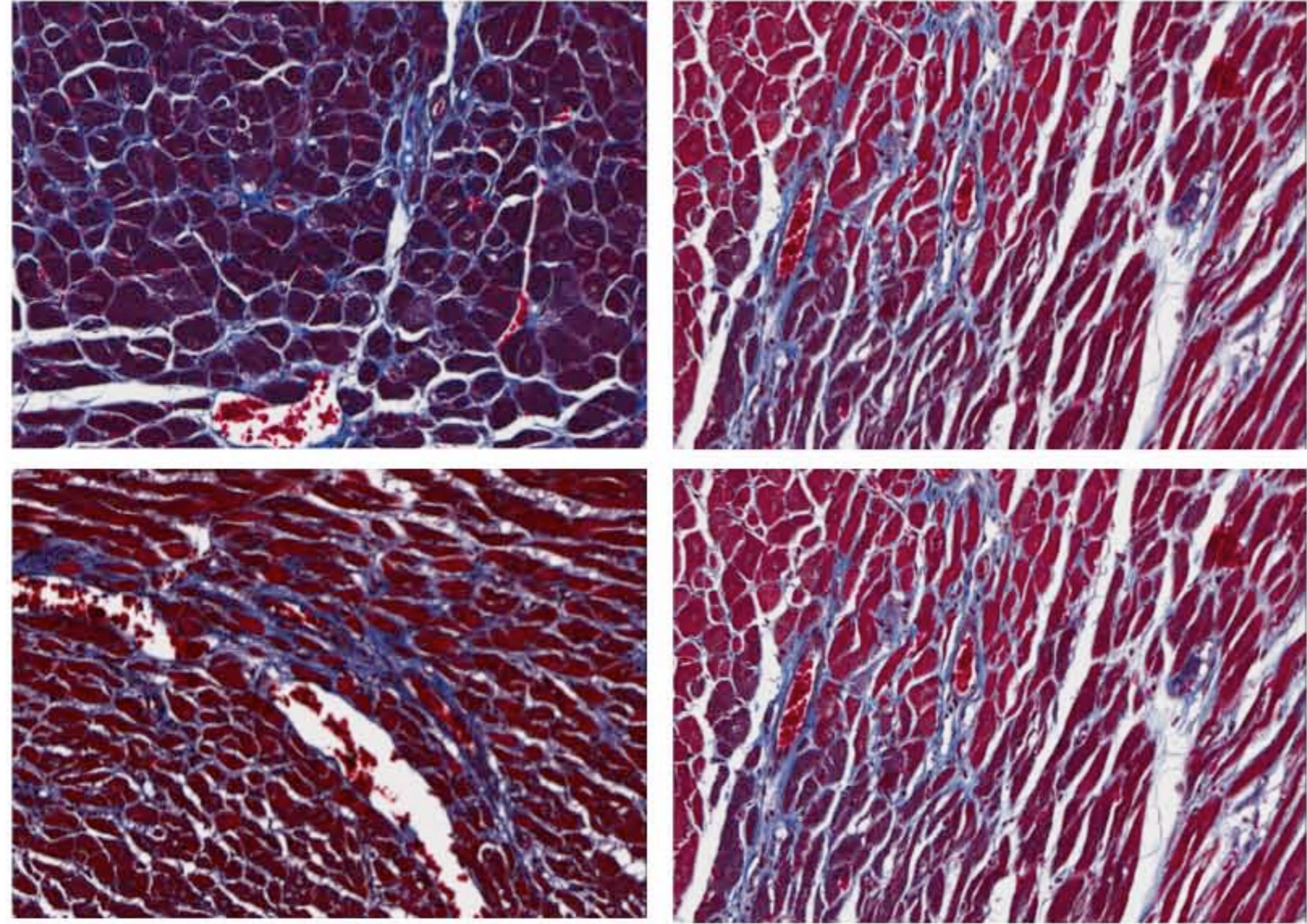
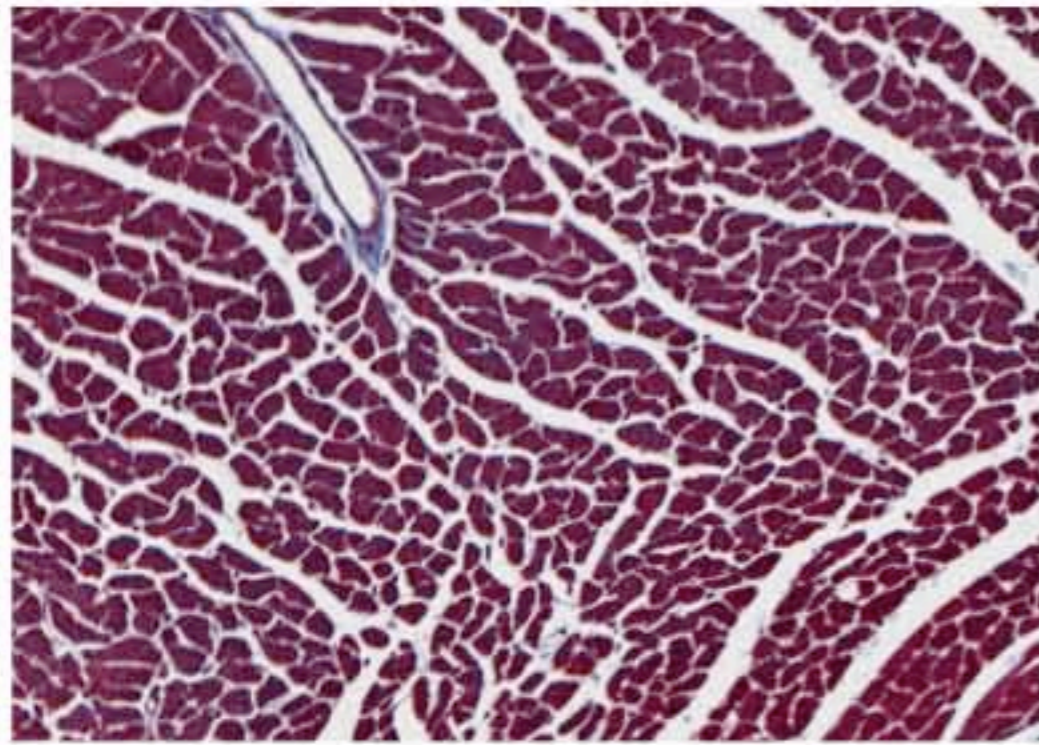


**A**

MuRF1/MuRF2 DN  
Early Death (Ave. Post-natal Day 14)  
4 Individual Mice

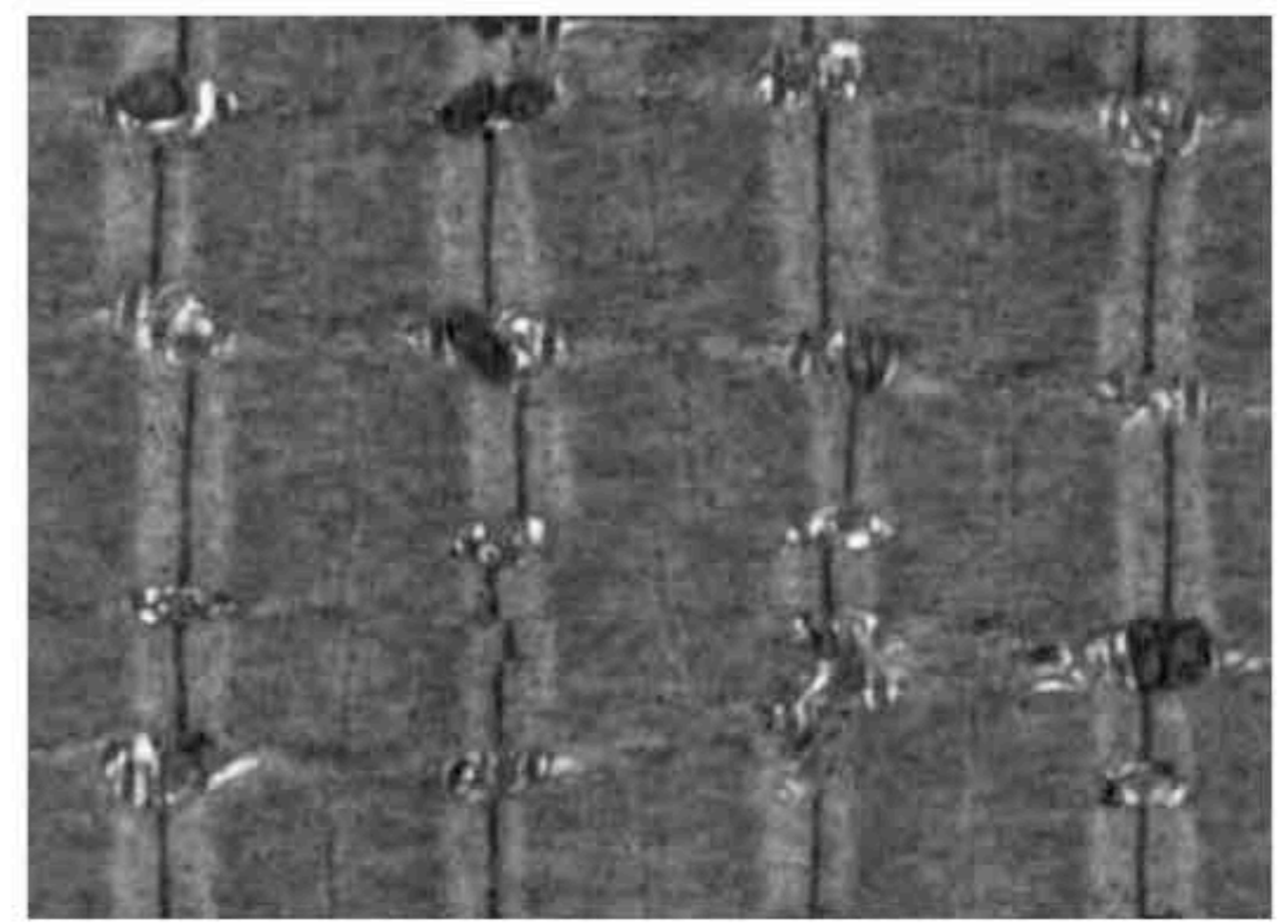
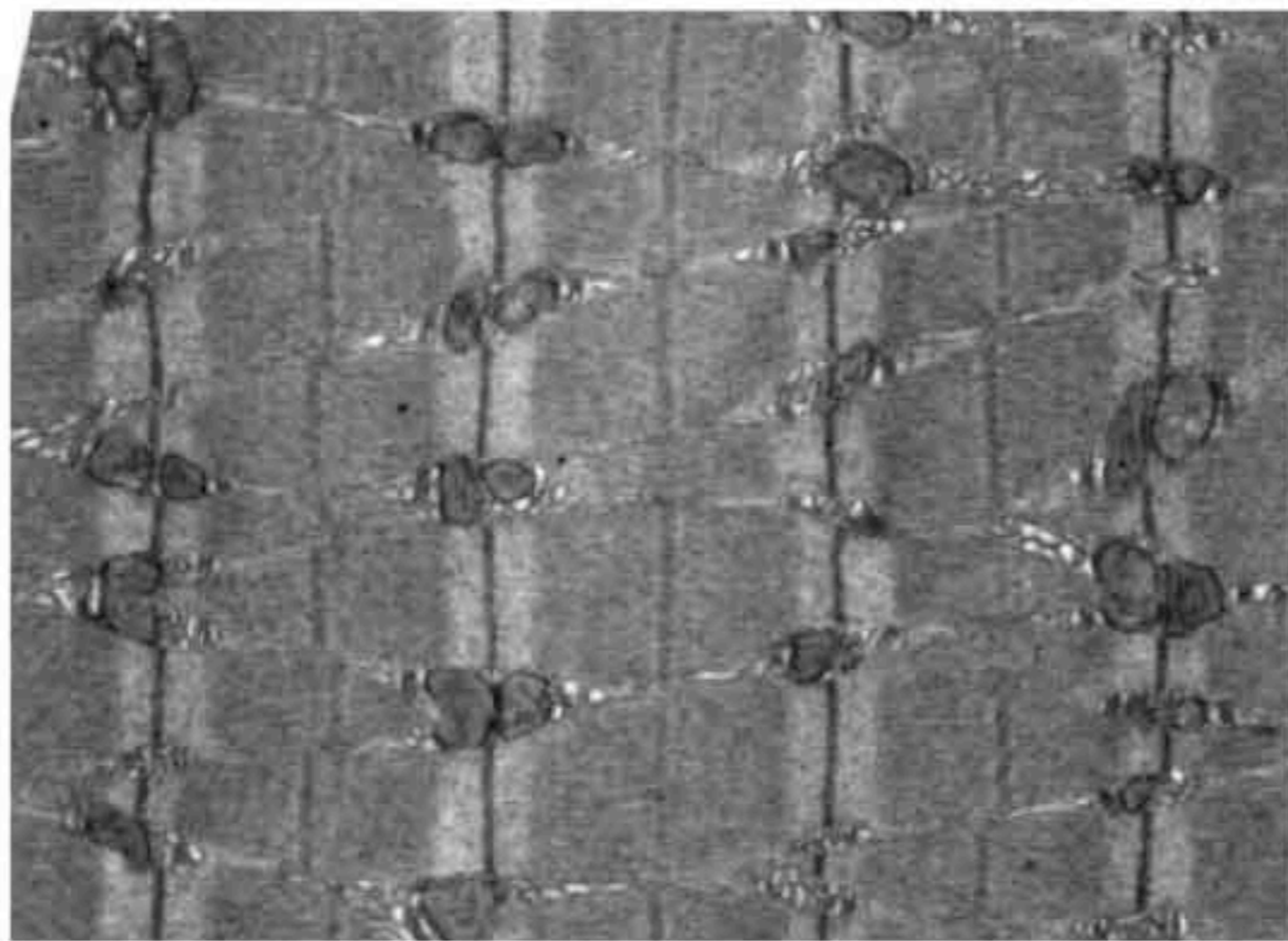
Wild Type  
Age-Matched  
Representative

**B****C**

Wild Type

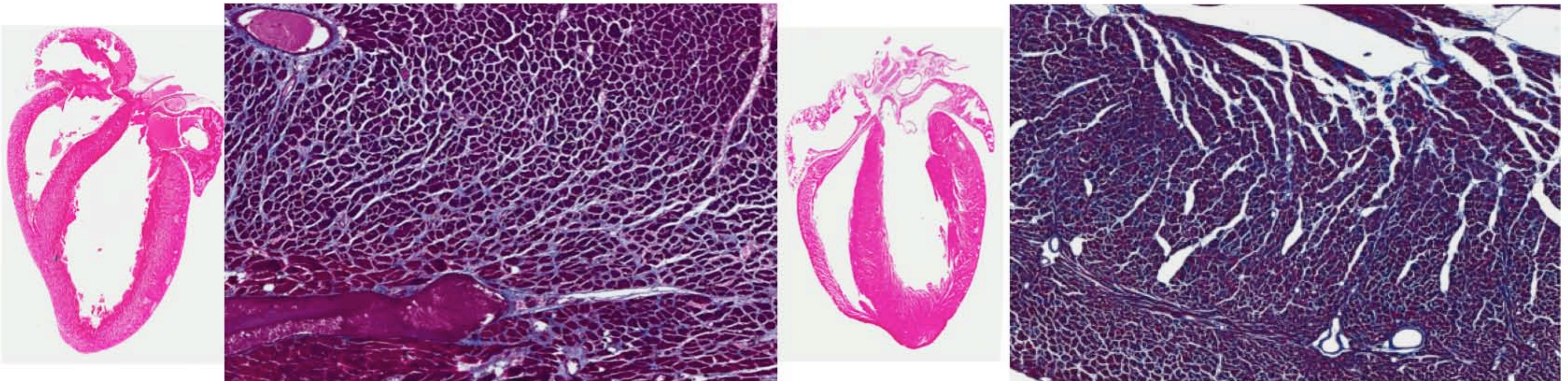
MuRF1/MuRF2 DN

Gastrocnemius

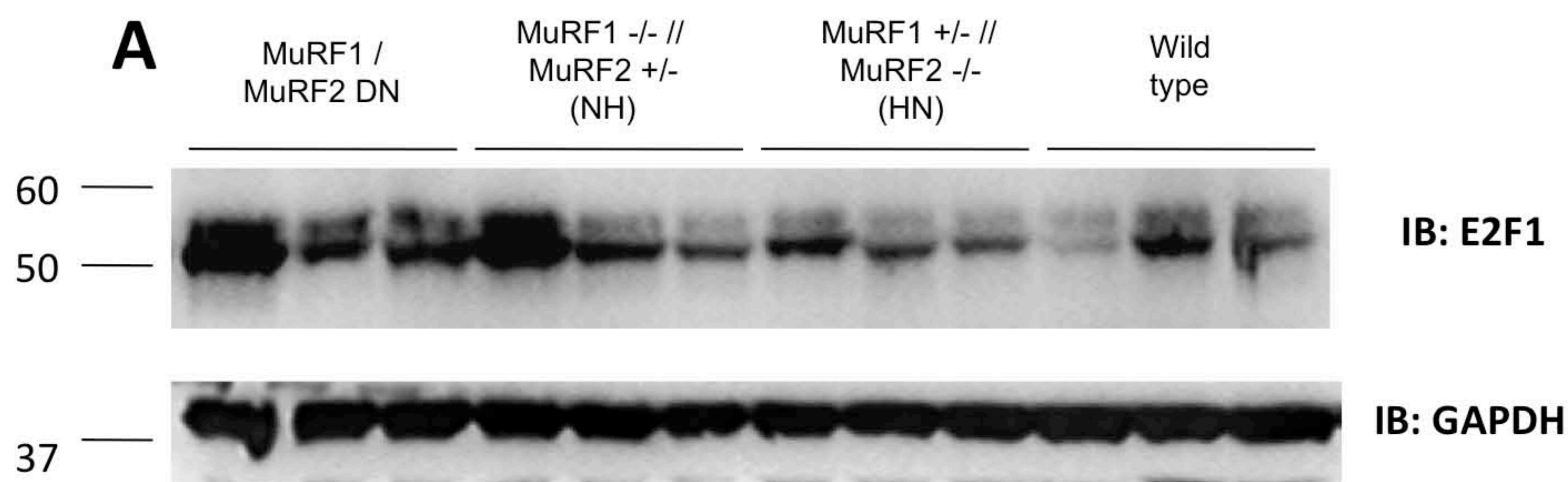
**D**

MuRF1/MuRF2 DN  
Found Dead at ~ 2 months of age

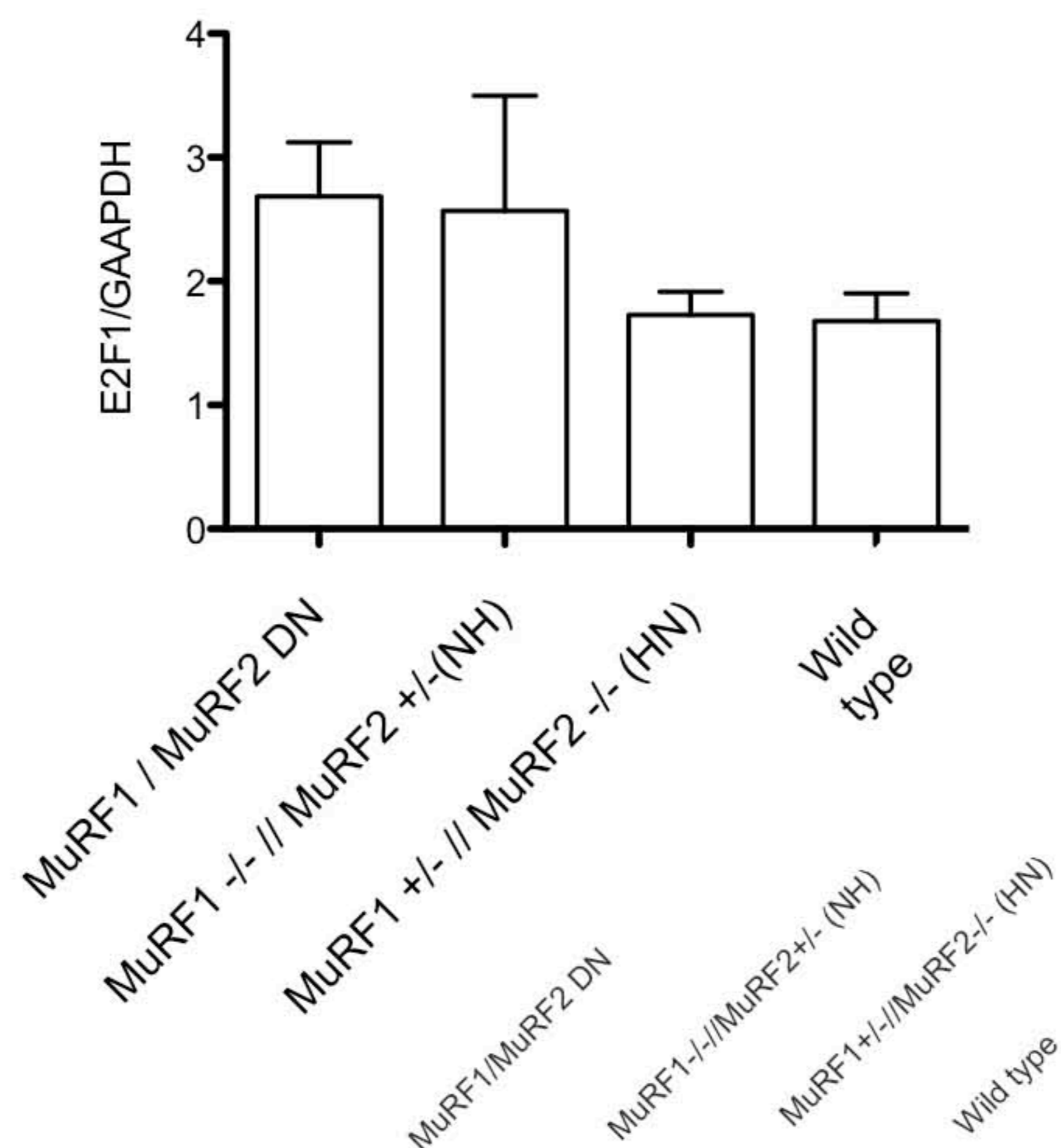
MuRF1/MuRF2 DN  
Perfused 2 months of age



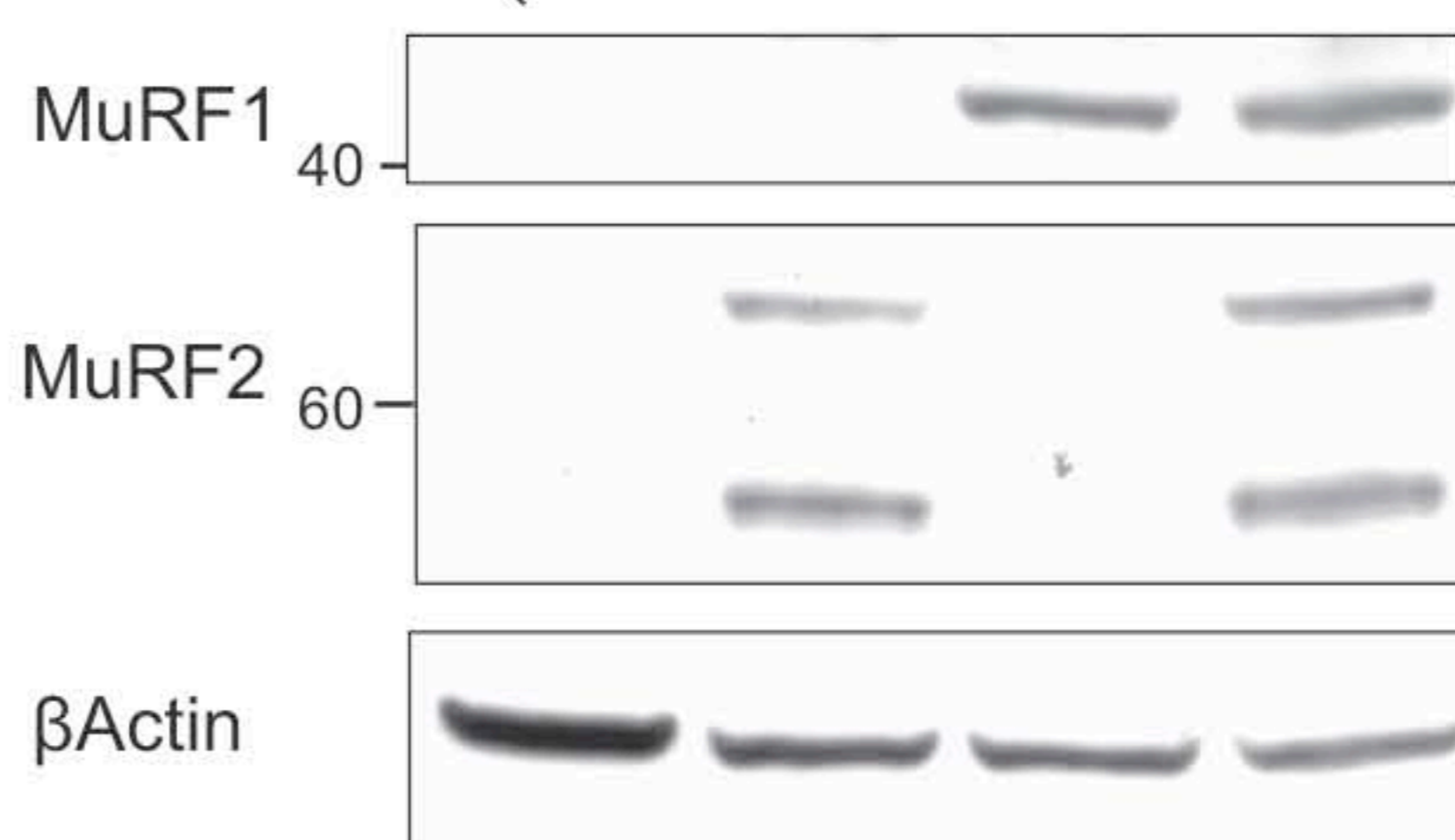
**Supplemental Figure 1.**



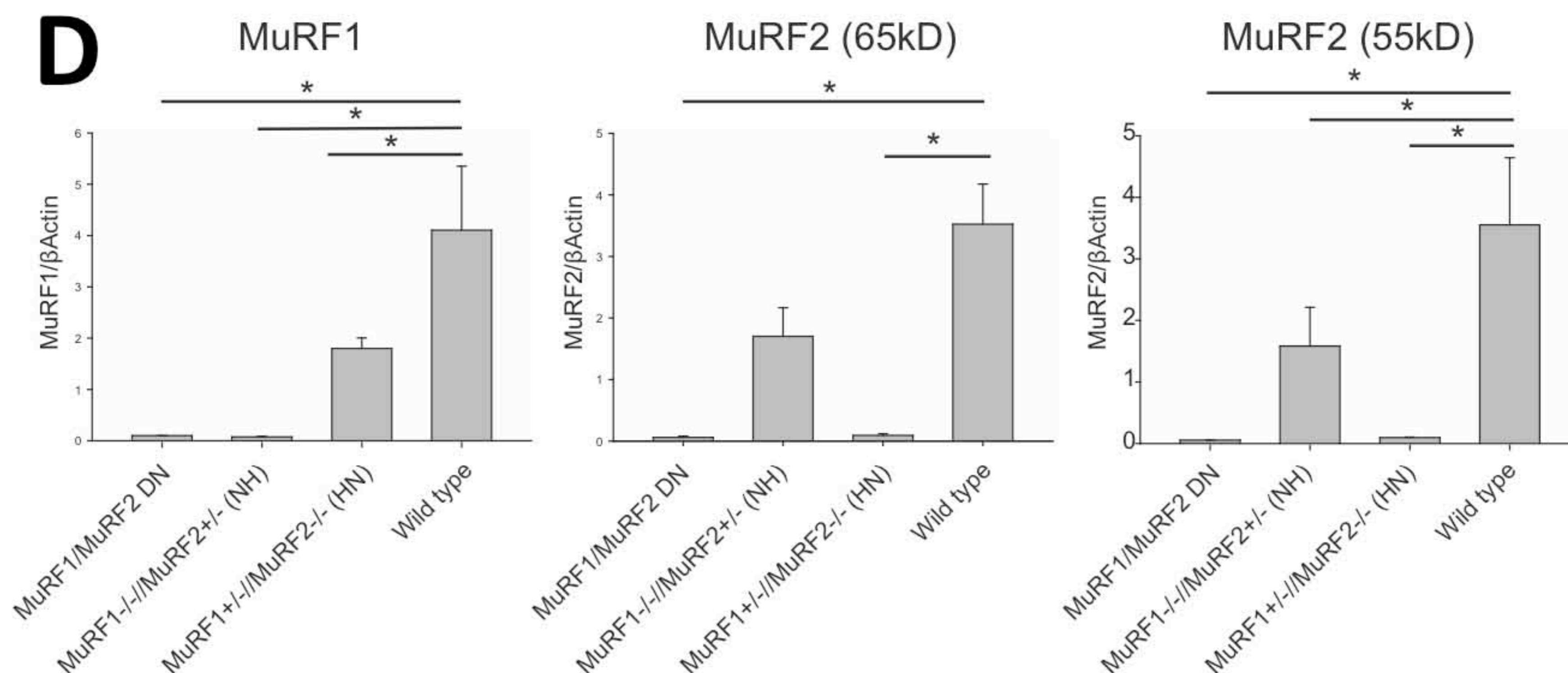
**B**



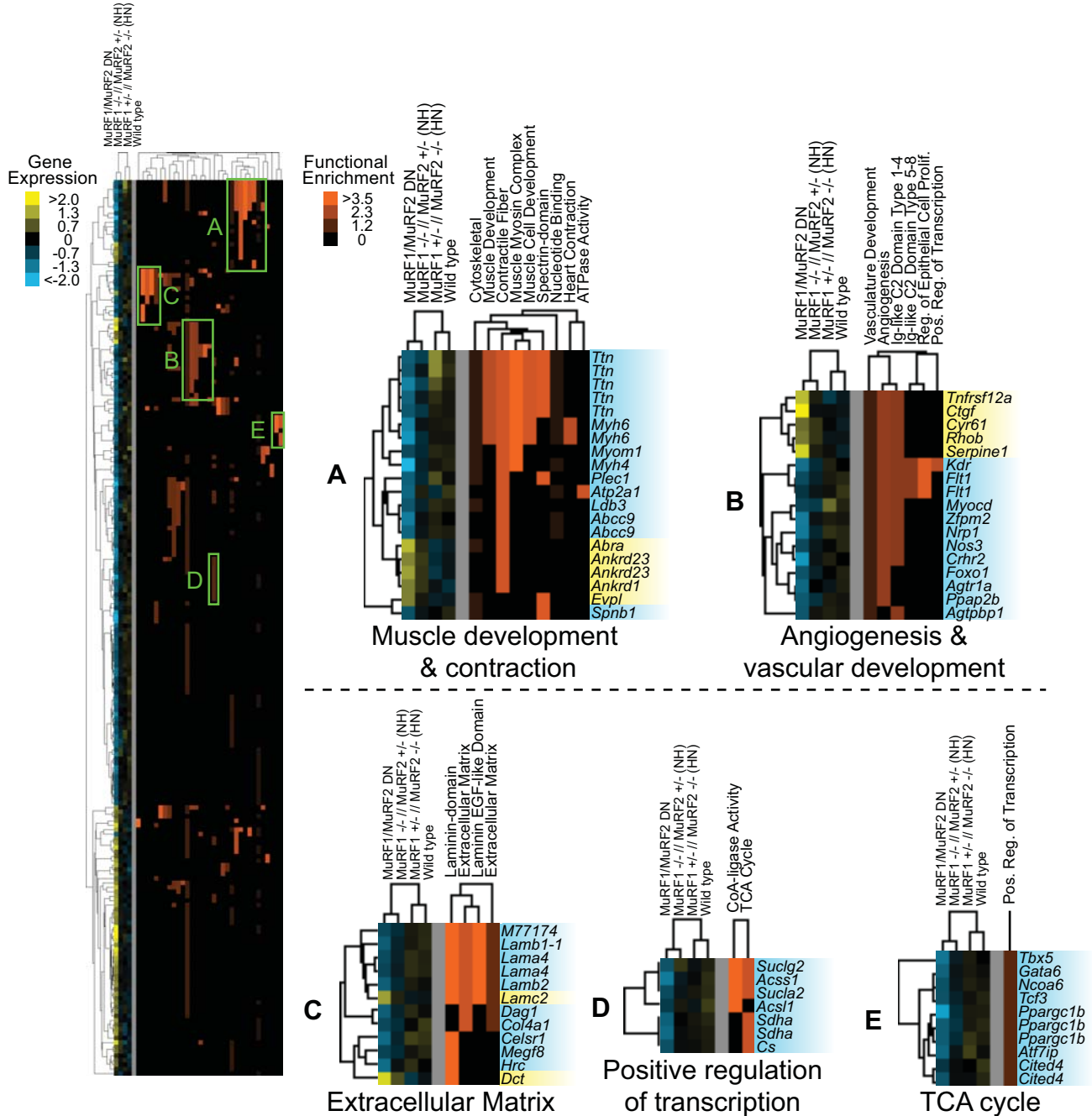
**C**



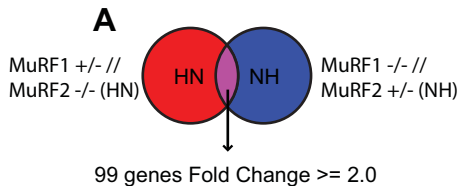
**D**



**Supplemental Figure 2.**

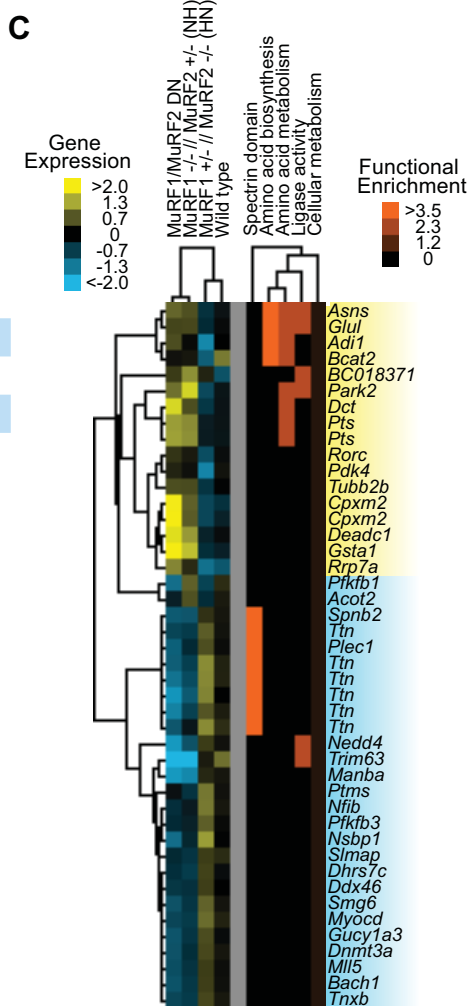


**Supplemental Figure 3.**



**B**

Binding Site	% Genes	p Value
Pou1f1	57%	0.004
Tbp	13%	0.004
Nkx2-1	57%	0.005
Srebf1	51%	0.006



**Supplemental Figure 4.**