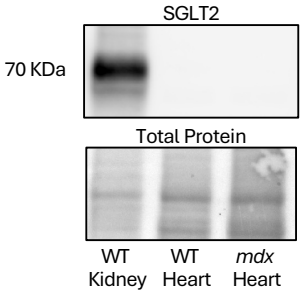
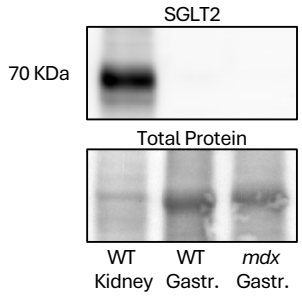
Supplemental Figure 1:

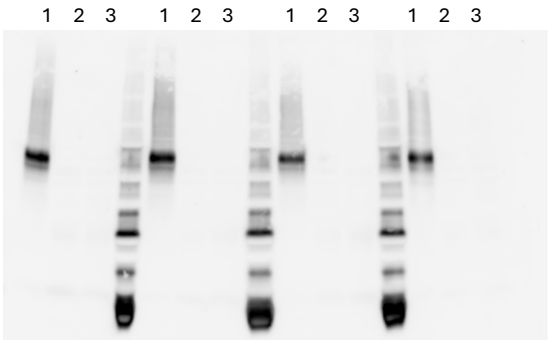
A.



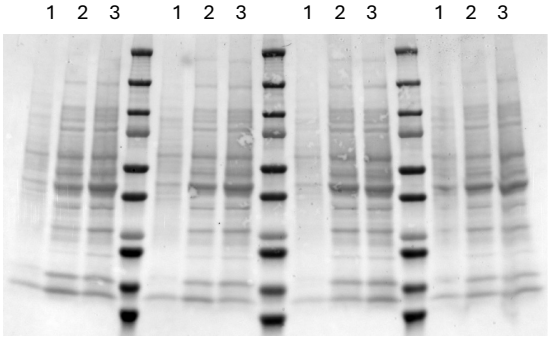
B.



C.



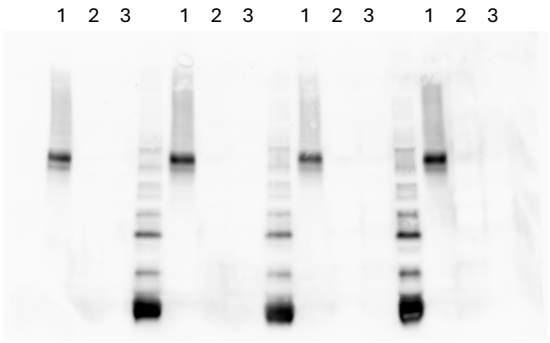
SGLT2 chemiluminescence



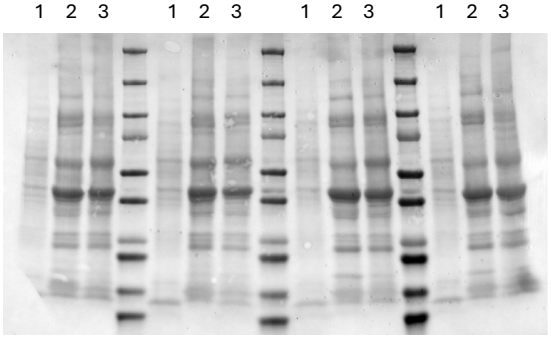
MemCode total protein stain

Lysates:
1 = DBA2/J kidney
2 = DBA2/J heart
3 = D2-*mdx* heart

D.



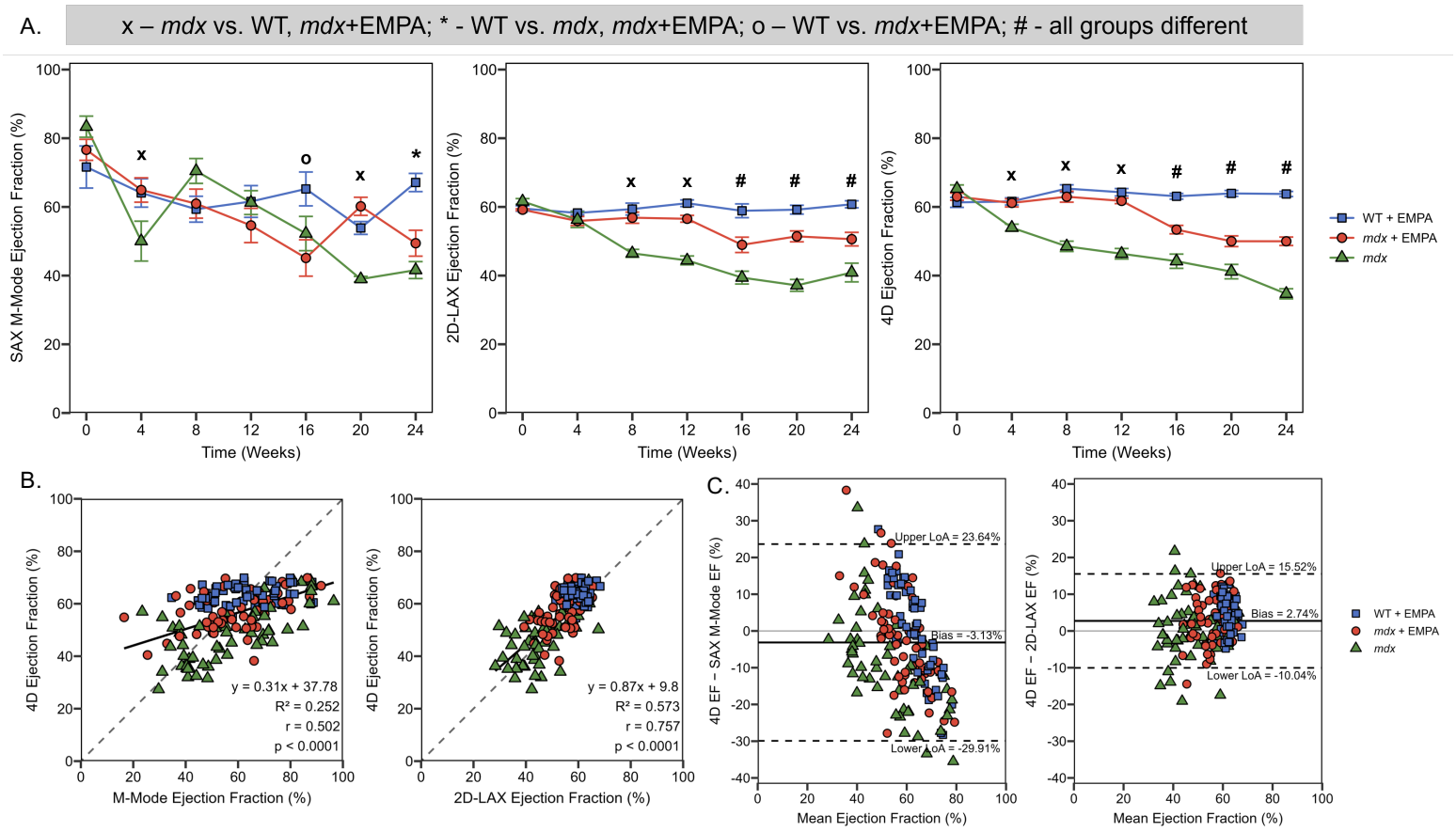
SGLT2 chemiluminescence



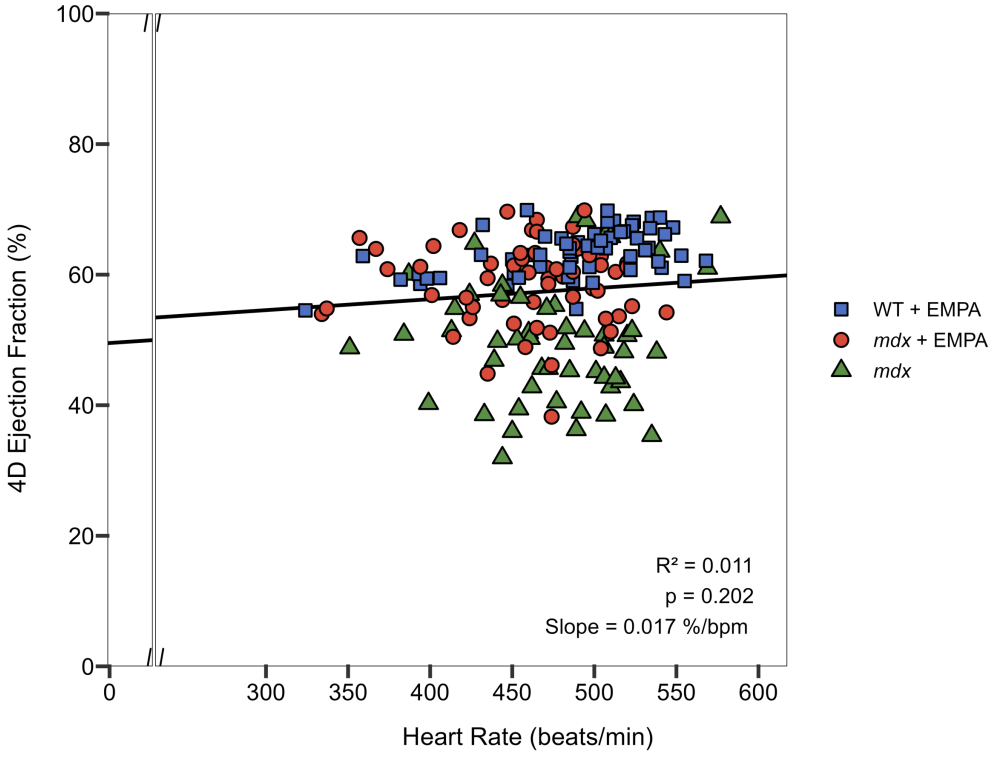
MemCode total protein stain

Lysates:
1 = DBA2/J kidney
2 = DBA2/J gastroc.
3 = D2-*mdx* gastroc.

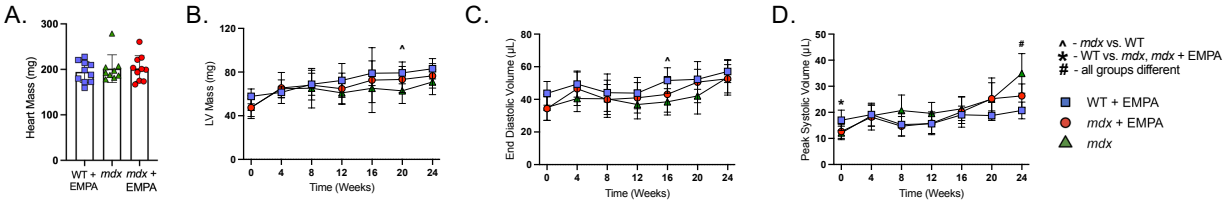
Supplemental Figure 2:



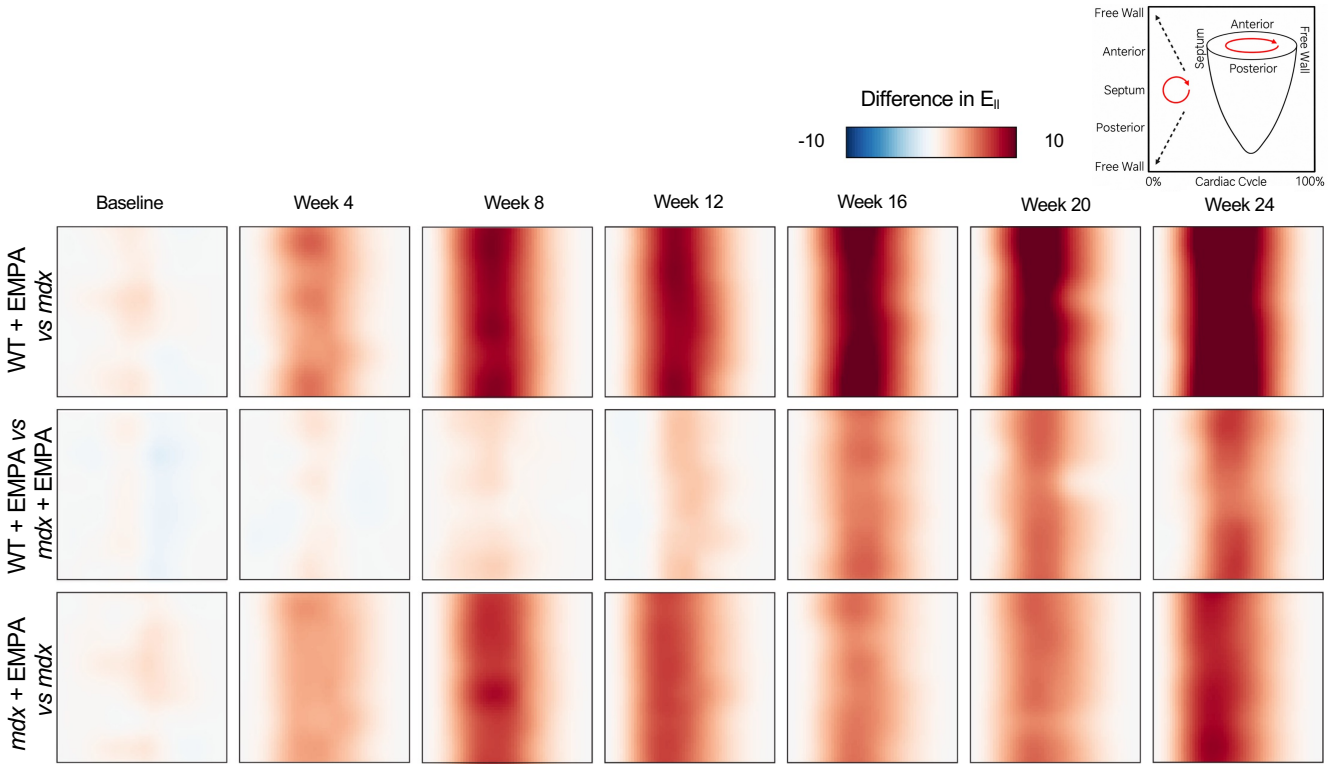
Supplemental Figure 3:



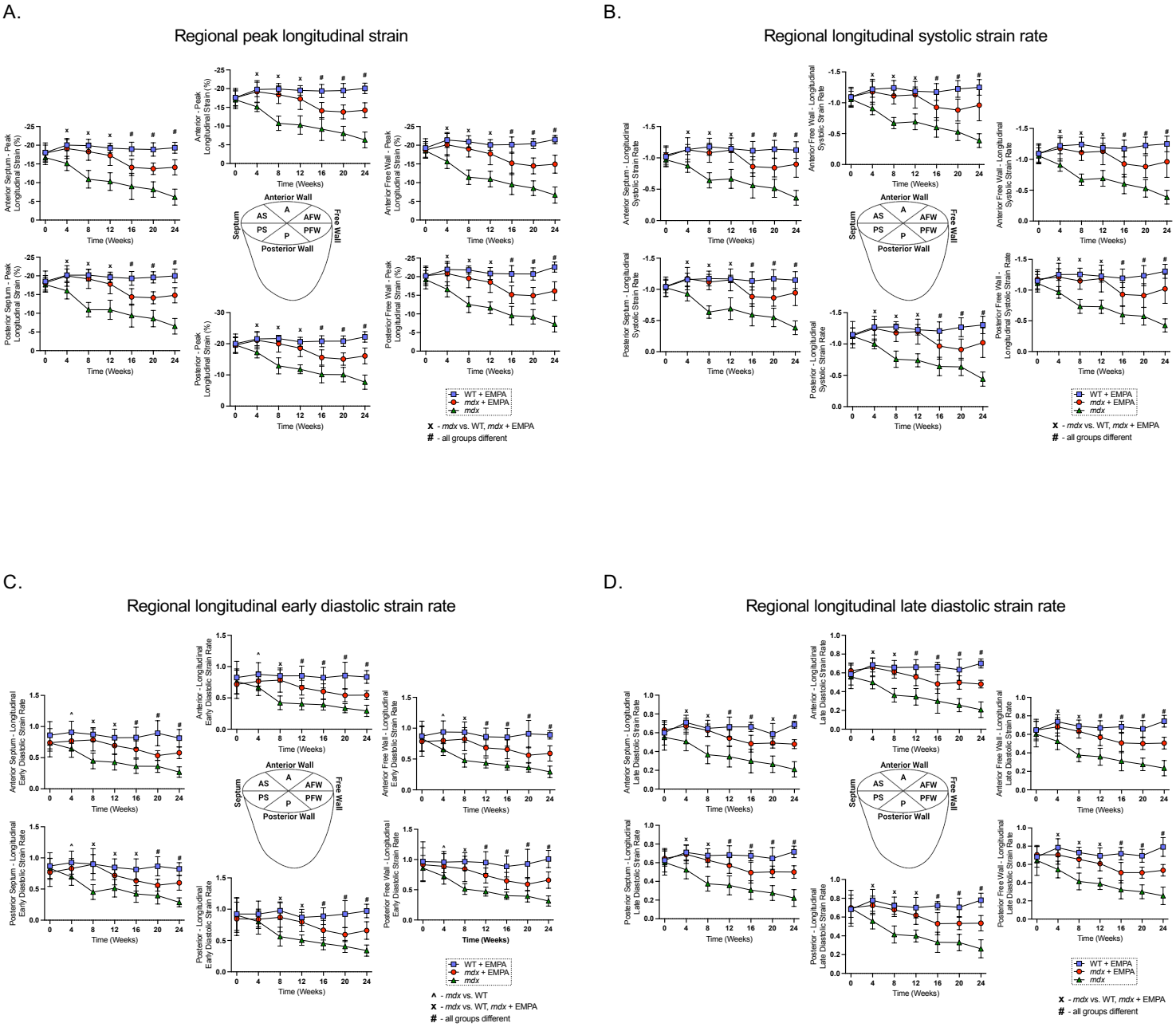
Supplemental Figure 4:



Supplemental Figure 5:

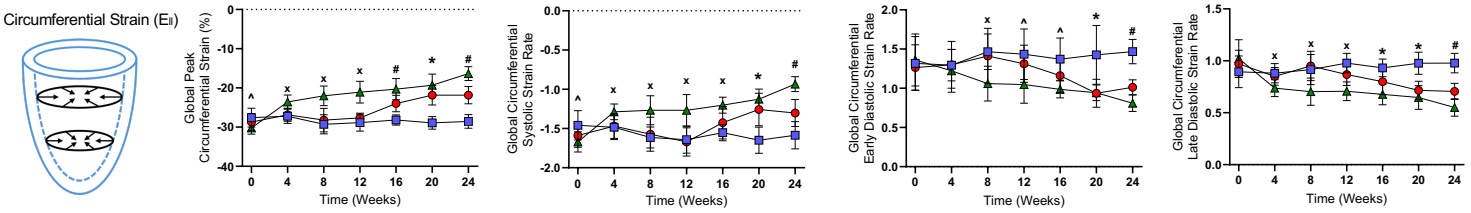


Supplemental Figure 6:

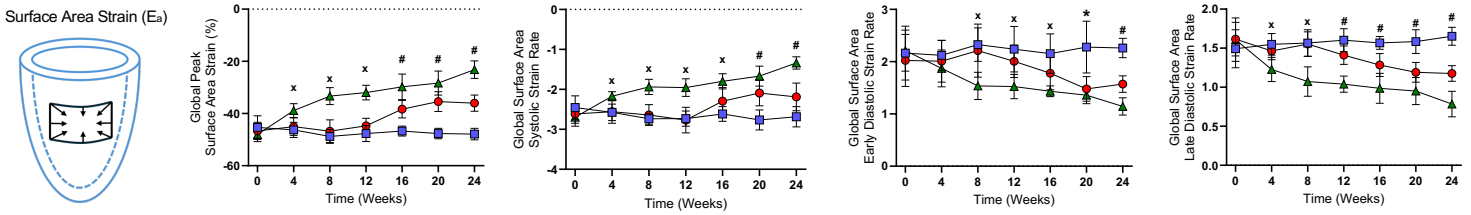


Supplemental Figure 7:

A.



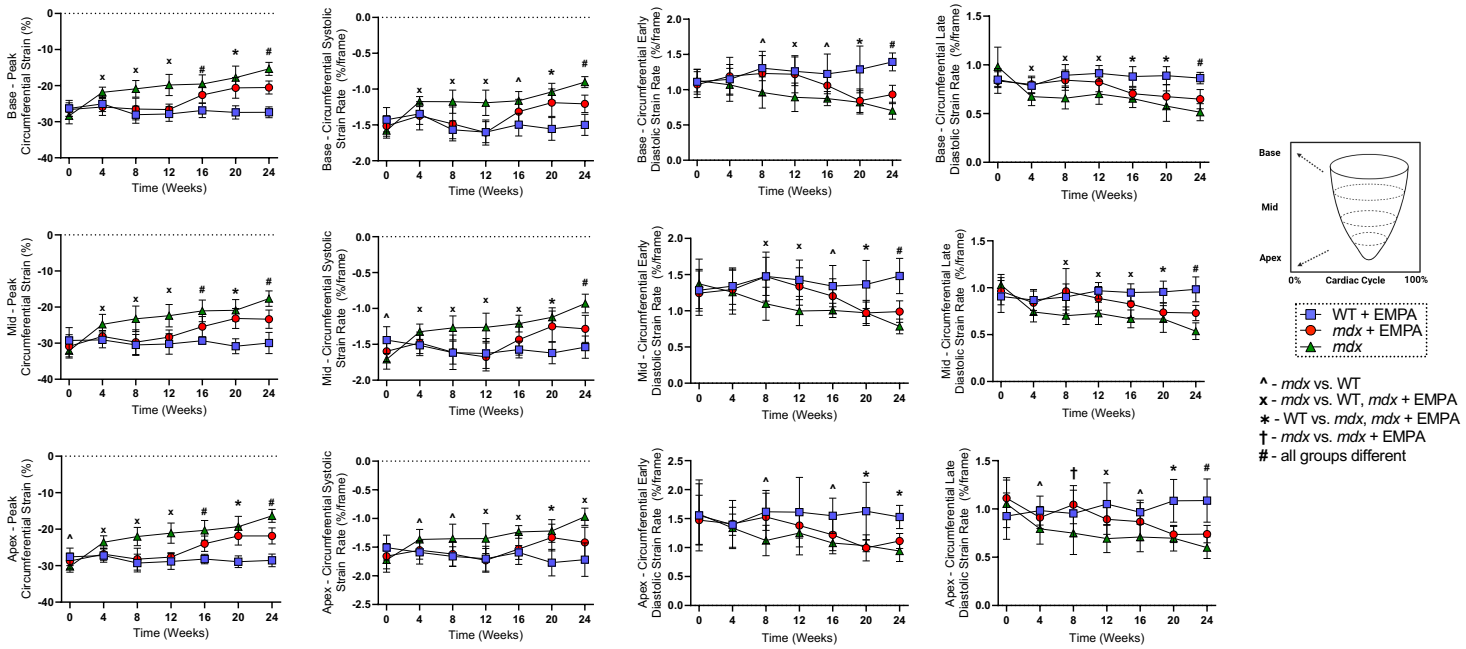
B.



WT + EMPA
mdx + EMPA
mdx

^ - *mdx* vs. WT
x - *mdx* vs. WT, *mdx* + EMPA
✱ - WT vs. *mdx*, *mdx* + EMPA
- all groups different

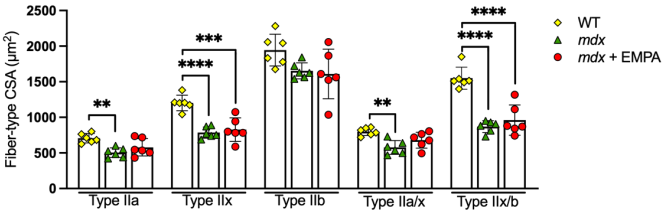
Supplemental Figure 8:



Supplemental Figure 9:

	Body Mass		Lean Mass		Fat Mass		% Lean Mass		% Fat Mass	
Effects	**F(DFn,DFd)**	**P value**	**F(DFn,DFd)**	**P value**	**F(DFn,DFd)**	**P value**	**F(DFn,DFd)**	**P value**	**F(DFn,DFd)**	**P value**
Time	F(1.60,57.50)=606.9	<0.0001	F(1.37,49.45)=749.8	<0.0001	F(1.90,68.49)=90.15	<0.0001	F(1.73,62.32)=35.41	<0.0001	F(1.83,65.98)=55.32	<0.0001
Genotype	F(1,36)=88.12	<0.0001	F(1,36)=81.63	<0.0001	F(1,36)=45.24	<0.0001	F(1,36)=11.52	0.0017	F(1,36)=24.95	<0.0001
Drug	F(1,36)=0.19	0.6695	F(1,36)=0.65	0.4241	F(1,36)=4.05	0.0518	F(1,36)=5.66	0.0228	F(1,36)=5.90	0.0203
Time x Genotype	F(1.60,57.50)=7.46	0.0027	F(1.37,49.45)=7.77	0.0036	F(1.90,68.49)=5.74	0.0057	F(1.73,62.32)=14.00	<0.0001	F(1.83,65.98)=16.91	<0.0001
Time x Drug	F(1.60,57.50)=2.71	0.0866	F(1.37,49.45)=2.11	0.1462	F(1.90,68.49)=7.28	0.0016	F(1.73,62.32)=7.34	0.0022	F(1.83,65.98)=6.97	0.0024
Genotype x Drug	F(1,36)=0.27	0.6078	F(1,36)=0.82	0.3703	F(1,36)=0.22	0.6423	F(1,36)=0.68	0.4147	F(1,36)=1.27	0.2668
Time x Genotype x Drug	F(1.60,57.50)=0.02	0.9687	F(1.37,49.45)=1.90	0.1706	F(1.90,68.49)=1.31	0.2749	F(1.73,62.32)=1.27	0.284	F(1.83,65.98)=1.26	0.288

Supplemental Figure 10:

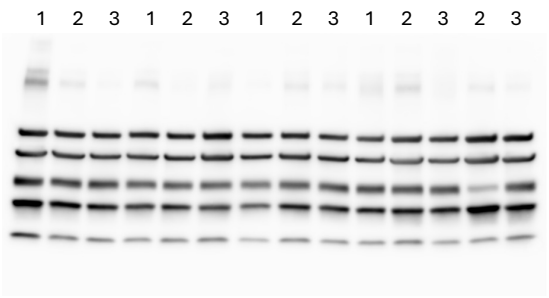


Supplemental Figure 11:

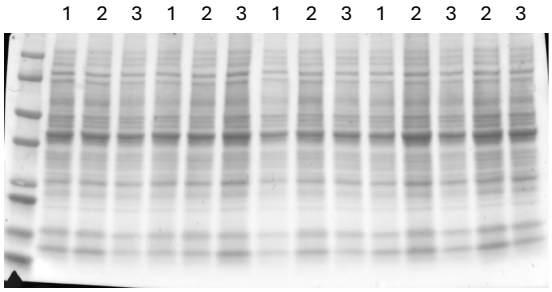
Full unedited blot corresponding to Figure 5H

Lysates:
1 = WT
2 = *mdx*
3 = *mdx* + EMPA

Membrane 1

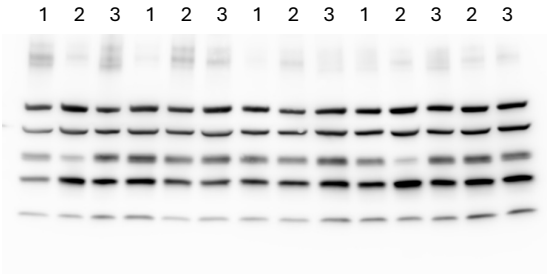


Ox Phos chemiluminescence

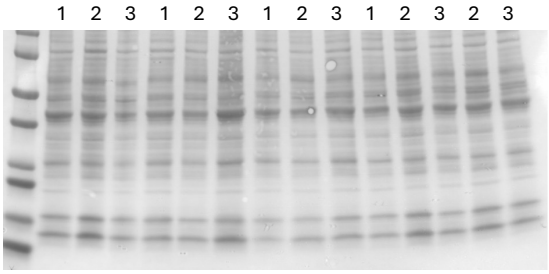


MemCode total protein stain

Membrane 2



Ox Phos chemiluminescence



MemCode total protein stain