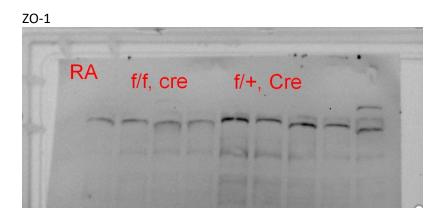
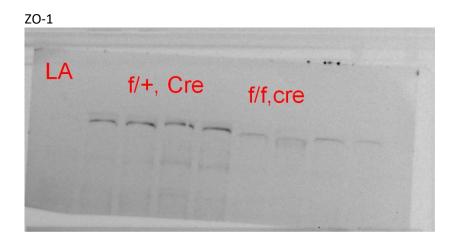
Full unedited gel for Figure 1, Panel A right Atrium and Sup Fig 5, Panel A



GAPDH (also for ZO-2 in sup fig 5, CX45 in fig 7A, CAR in sup fig 9 A, RA)



Full unedited gel for Figure 1, Panel A Left Atrium and Sup Fig 5, Panel A



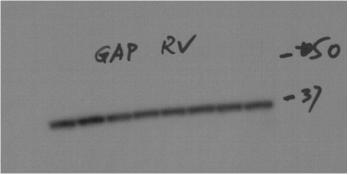
GAPDH (also for ZO-2 in sup fig 5, CX45 in fig 7A, CAR in sup fig 9 A, LA)

	f/+, Cre	f/f, Cre
LA		

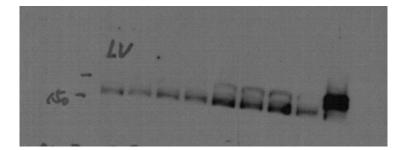
Full unedited gel for Figure 1, Panel A Right Ventricle and Sup Fig 5, Panel A

-75 20-1. RV

Also for ZO-2 in sup fig 5



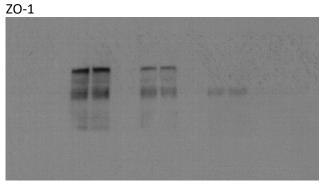
Full unedited gel for Figure 1, Panel A Left Ventricle and Sup Fig 5, Panel A



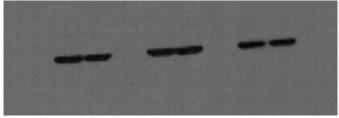
Also for ZO-2 in sup fig 5

GAP LV 50

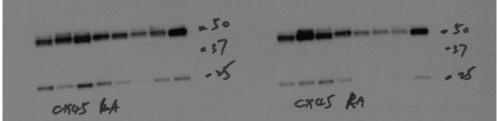
#### Full unedited gel for Figure 1, Panel B ZO-1



GAPDH



Full unedited gel for Figure 7 Panel A



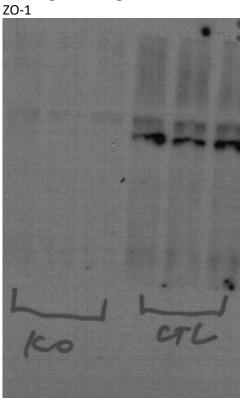
GAPDH (the same to Fig 1A LA)

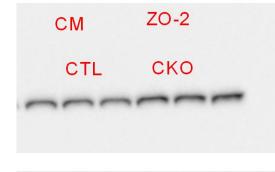


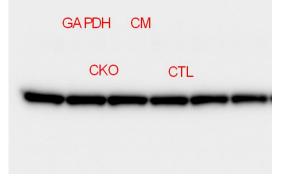
GAPDH ( the same to Fig 1A RA)



# Full unedited gel for Figure 7 Panel D

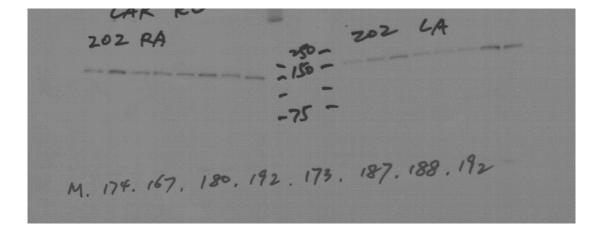




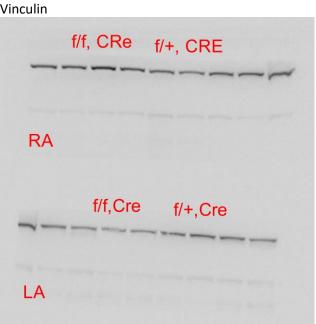


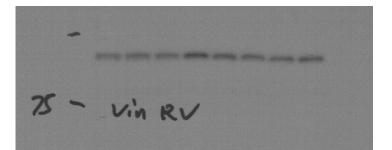
Full unedited gel for Sup. Fig 5 Panel A, ZO-2

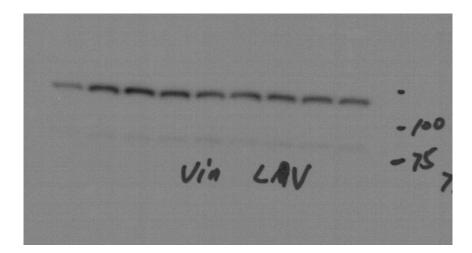
202 LV 202 RU - 250 250. - 150 150 -100 100 -



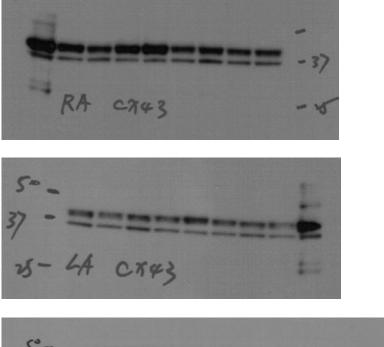
#### Full unedited gel for Sup. Fig 5 Panel A, VCL Vinculin

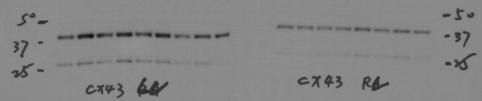




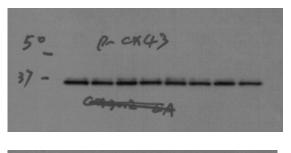


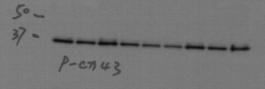
# Full unedited gel for Sup. Fig 5 Panel A, CX43



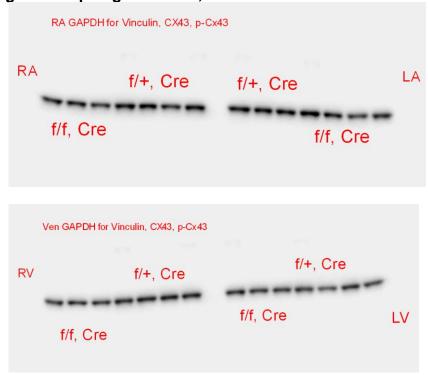


Full unedited gel for Sup. Fig 5 Panel A, p-Cx43



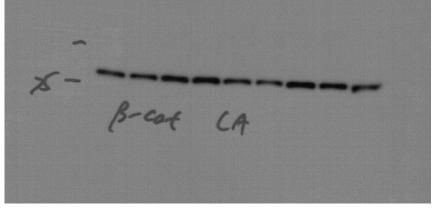


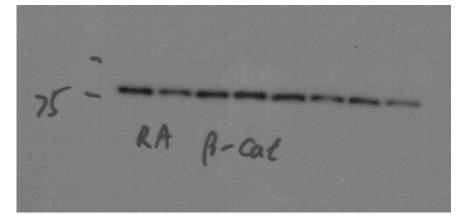
100 M 50 - 50 37 - 37 RV -35 P-CK43 LV P- 0843

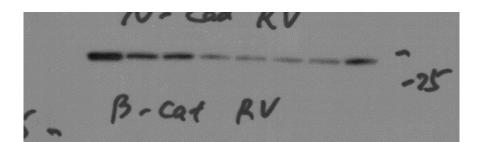


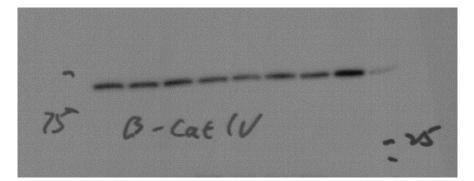
#### Full unedited gel for Sup. Fig 5 Panel A, GDPDH

Full unedited gel for Sup. Fig 5 Panel A, β-Catenin

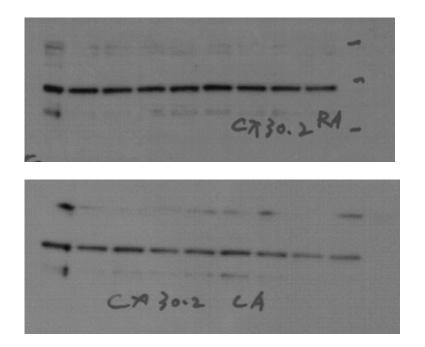








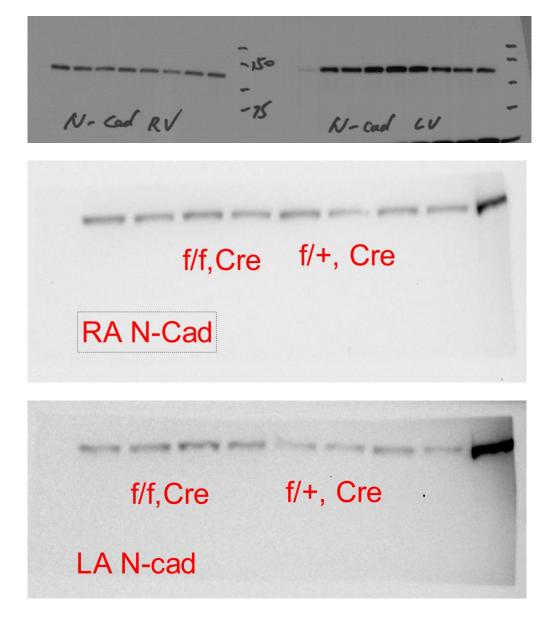
# Full unedited gel for Sup. Fig 5 Panel A, Cx30.2



# Full unedited gel for Sup. Fig 5 Panel A, GAPDH

G	APDH for b-Cat, Cx30.2	
RA f/f,Cre f/+,Cre	f/f,Cre f/+,Cre	A

#### Full unedited gel for Sup. Fig 5 Panel A, N-Cad



#### Full unedited gel for Sup. Fig 5 Panel A, Y-Catenin

M 174. 167. 180. 192. 173. 187. 188. 191 fif are fit are 25 V-cat RA Y-Lat CA 75 75 Y-cat LA Y- cat RO Mijat. 167, 180, 192 . 173. 187. 188, 191 fif we fit are

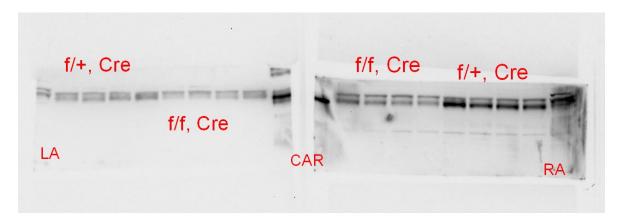
# Full unedited gel for Sup. Fig 5 Panel A, Cx40

50 -LA CX40 21 50 3) CTYG RA

# CAPDH for r-Cat, Cx40 RA f/f,Cre f/+,Cre f/+,Cre ff,Cre LV F/+,Cre f/+,Cre f/+,Cre ff,Cre LV

### Full unedited gel for Sup. Fig 5 Panel A, GAPDH

Full unedited gel for Sup Fig 9 Panel A, LA & LA



Full unedited gel for Sup Fig 9 Panel A, RV & LA

