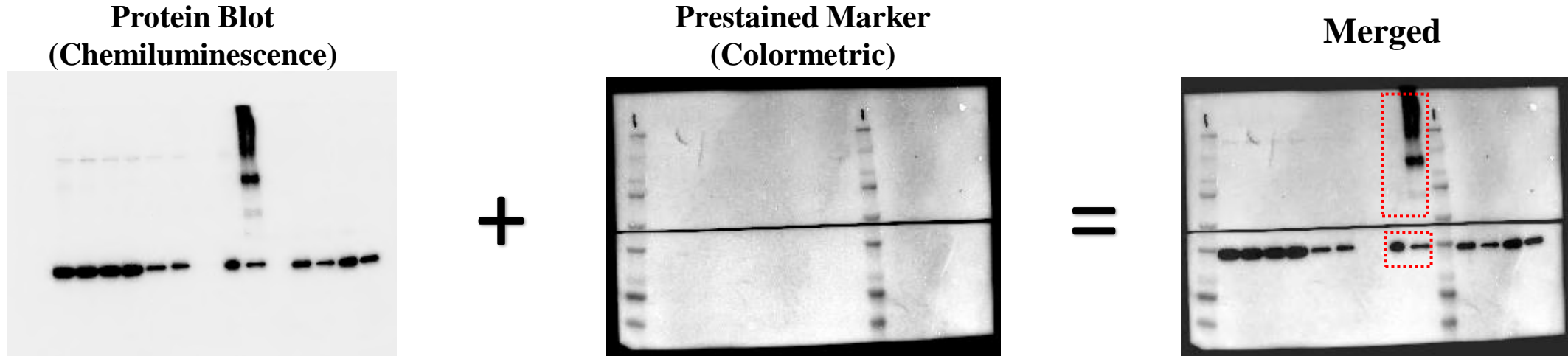# Myocardial Recovery in Recent Onset Dilated Cardiomyopathy: Role of the *CDCP1* and Cardiac Fibrosis
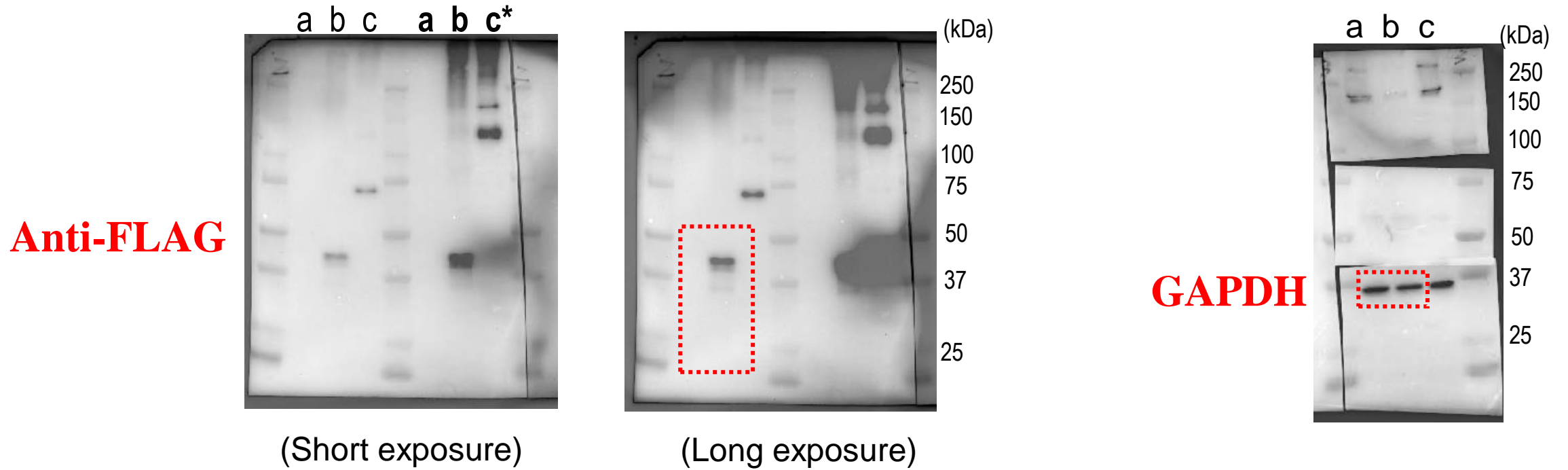
Original Western Blots (pre-cut)

Introduction

1. All Western blot pictures were obtained by using a **Bio-Rad ChemiDoc Touch Imaging System**.

2. On a same blot (PVDF membrane), **protein band** was visualized by **Chemiluminescence** picture, and **prestained protein marker** was visualized by **Colormetric** picture.

3. A Bio-Rad Precision Plus Protein Dual Color Standards (#1610374) was used in all blots in this study.

4. Chemiluminescence picture and Colormetric picture were **Merged** to show the size of band (see pictures below).

5. All pre-cut blots showing in subsequent slides are Merged pictures with **red-dashed box** to indicate cut blot that was presented in Figures. (see pictures below for example: <u>red-dashed box corresponding to **Supplementary Figure S8A**</u>)

Protein Blot (Chemiluminescence)   **Prestained Marker (Colormetric)**   **Merged**

Full unedited gel for **Figure 3C**

(Short exposure)
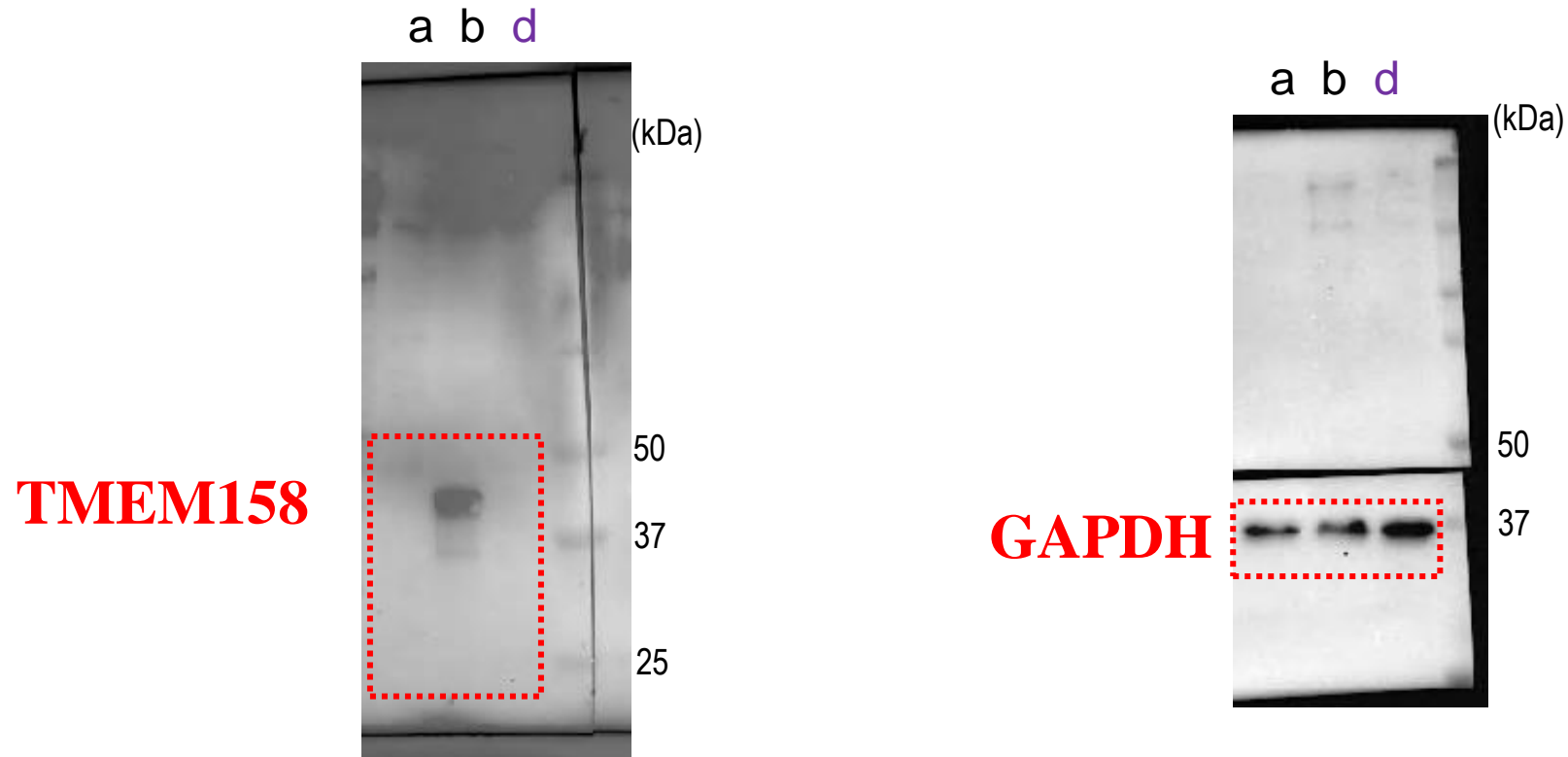
(Long exposure)

Anti-FLAG

GAPDH

Sample info:
- a: EV
- b: OE (TMEM158-FLAG)
- c: OE (CDCP1-FLAG)

*a, b, c in **bold** are same protein samples loaded 5X more in protein amount.
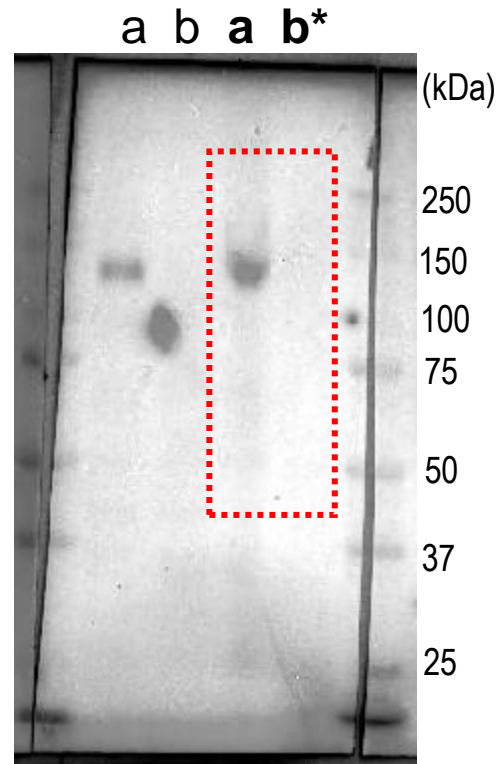
Full unedited gel for **Figure 3D**

TMEM158

GAPDH

Sample info:
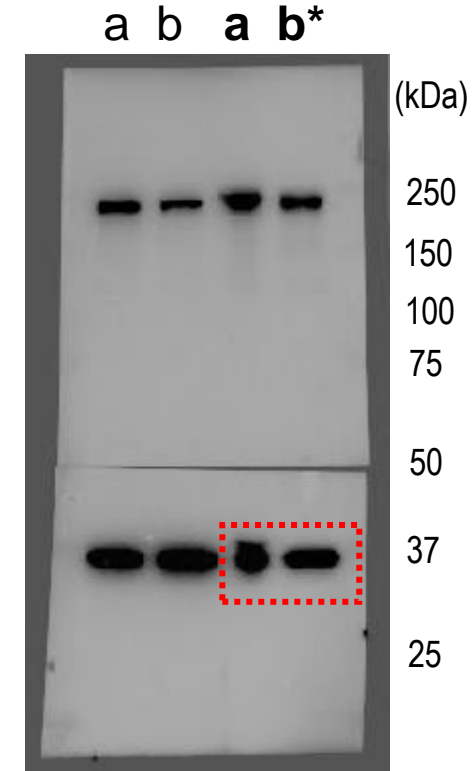   **a**: EV
    b: OE (TMEM158-FLAG)
    d: HCFs

Full unedited gel for **Figure 4B**

Sample info:
a: Ctrl siRNA
b: siCDCP1 (KD)

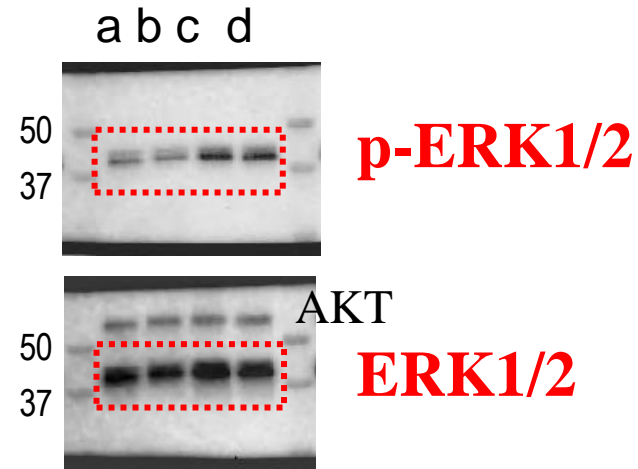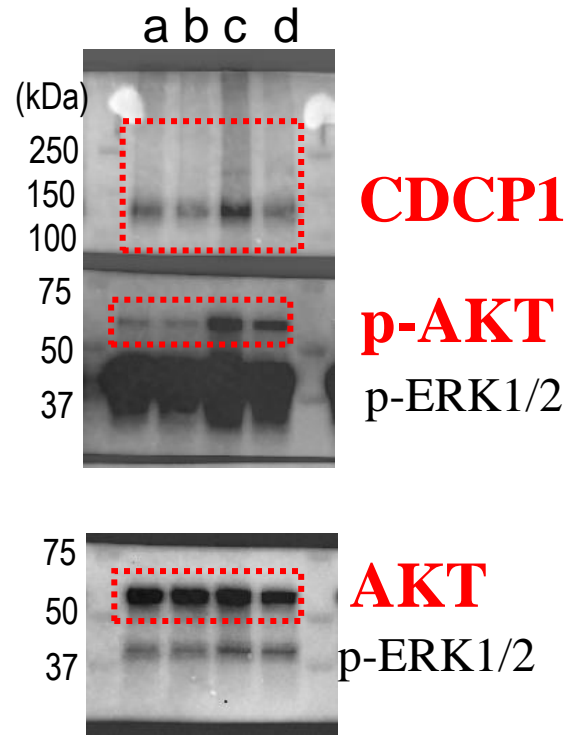*a, b in **bold** are same protein samples with duplicate loading

Full unedited gel for **Figure 4E**
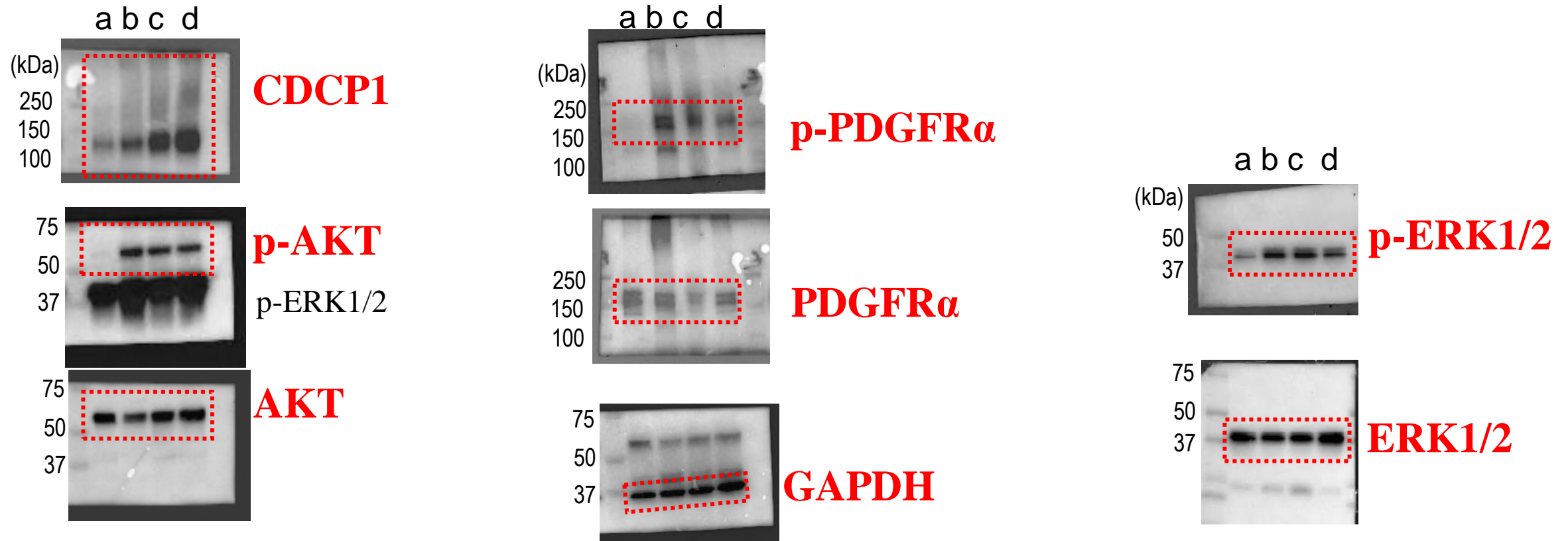
Sample info:
    a: 0 hr (control treatment); **b**: 10 hrs; **c**: 24 hrs; **d**: 48 hrs
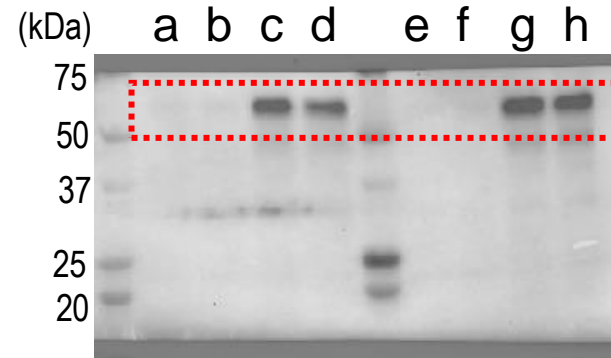
Full unedited gel for **Figure 4J**
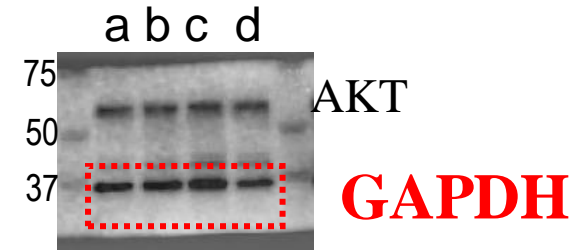
Sample info:
 a: Vehicle, CDCP1 KD-; **b**: Vehicle, CDCP1 KD +;
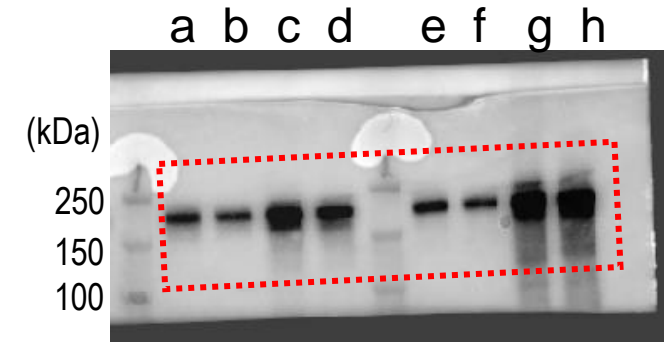 **c**: PDGF-BB, CDCP1 KD-; **d**: PDGF-BB, CDCP1 KD +;
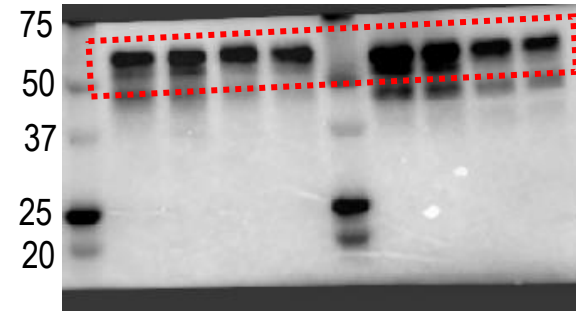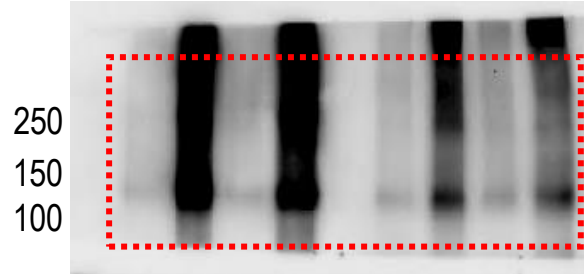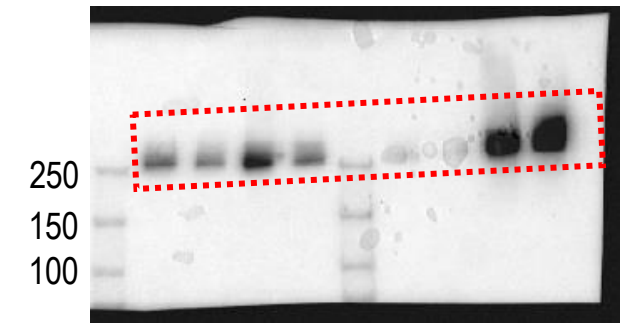
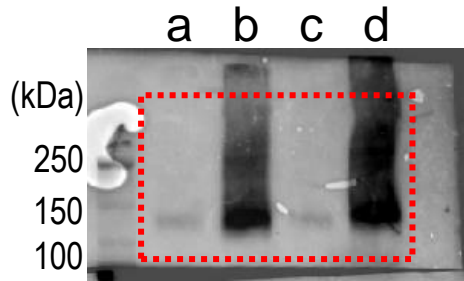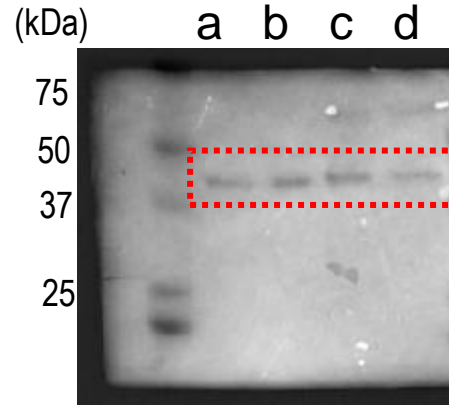# Full unedited gel for **Figure 5C**
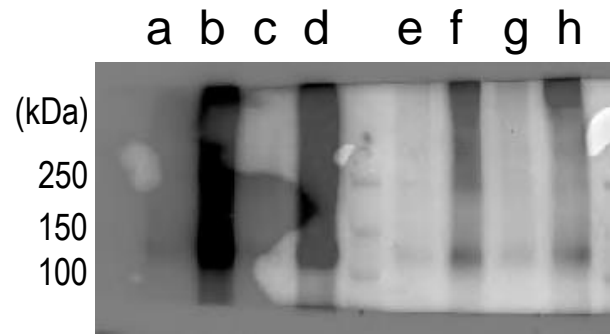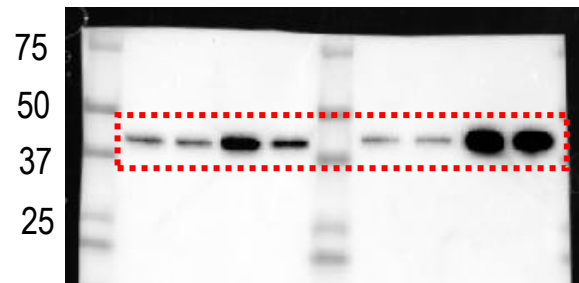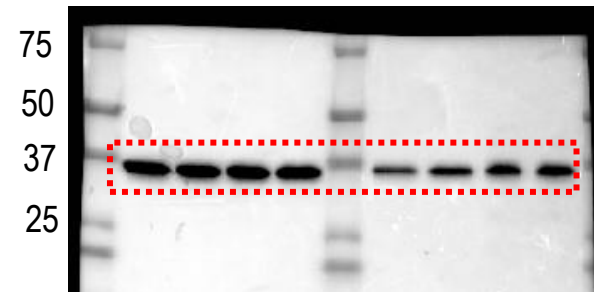
Sample info:

    a: Vehicle, CDCP1 OE-; **b**: Vehicle, CDCP1 OE+; **c**: TGF-β1, CDCP1 OE-; **d**: TGF-β1, CDCP1 OE+, (**24hrs**);

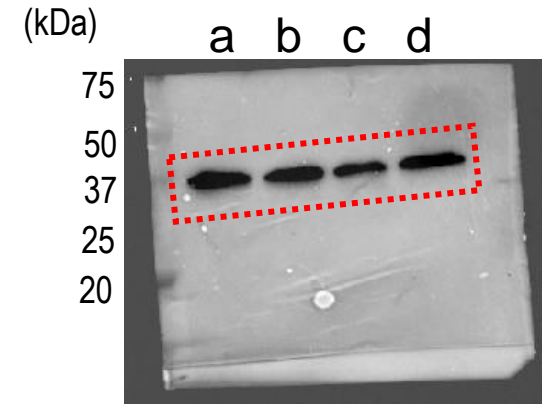   **e**: Vehicle, CDCP1 OE-; **f**: Vehicle, CDCP1 OE+; **g**: TGF-β1, CDCP1 OE-; **h**: TGF-β1, CDCP1 OE+, (**72hrs**);
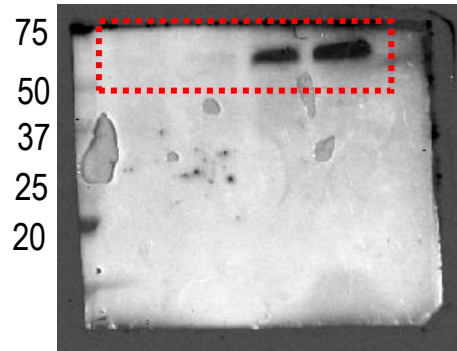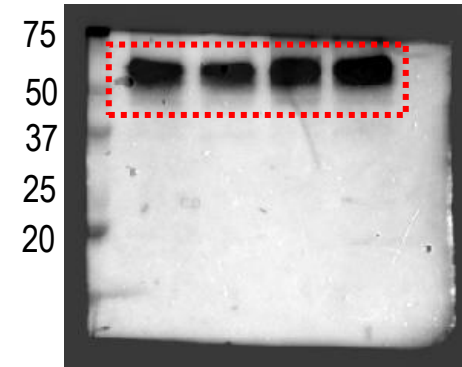
Full unedited gel for **Figure 5E**

Sample info:
   a: Vehicle, CDCP1 OE-; **b**: Vehicle, CDCP1 OE+; **c**: TGF-β1, CDCP1 OE-; **d**: TGF-β1, CDCP1 OE+, (**0.5 hrs**);