

Leptin modulated microRNA-628-5p targets Jagged-1 and inhibits prostate cancer hallmarks

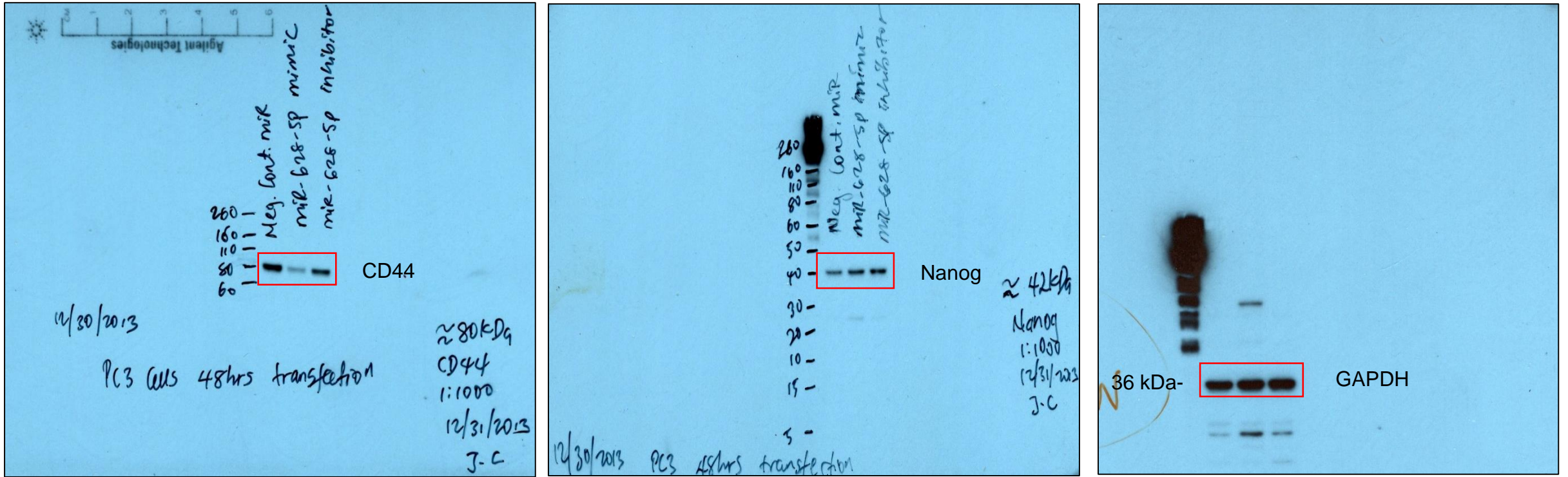
Leslimar Rios-Colon^{1,2*}, Juliet Chijioko^{1*}, Suryakant Niture¹, Zainab Afzal¹, Qi Qi¹, Anvesha Srivastava¹, Malathi Ramalinga¹, Habib Kedir¹, Patrice Cagle¹, Elena Arthur¹, Mitu Sharma², John Moore¹, Gagan Deep^{2,3,4}, Simeng Suy⁵, Sean P Collins⁵, and Deepak Kumar^{1**}

¹Julius L. Chambers Biomedical Biotechnology Research Institute, North Carolina Central University, Durham, North Carolina NC; ²Wake Forest University Health Sciences, Winston-Salem, NC, ³Wake Forest Baptist Comprehensive Cancer Center, North Carolina; ⁴Department of Urology, Wake Forest School of Medicine, Winston-Salem, North Carolina, ⁵Lombardi Comprehensive Cancer Center, Georgetown University, Washington

Supplementary materials
Western blots

Figure 4

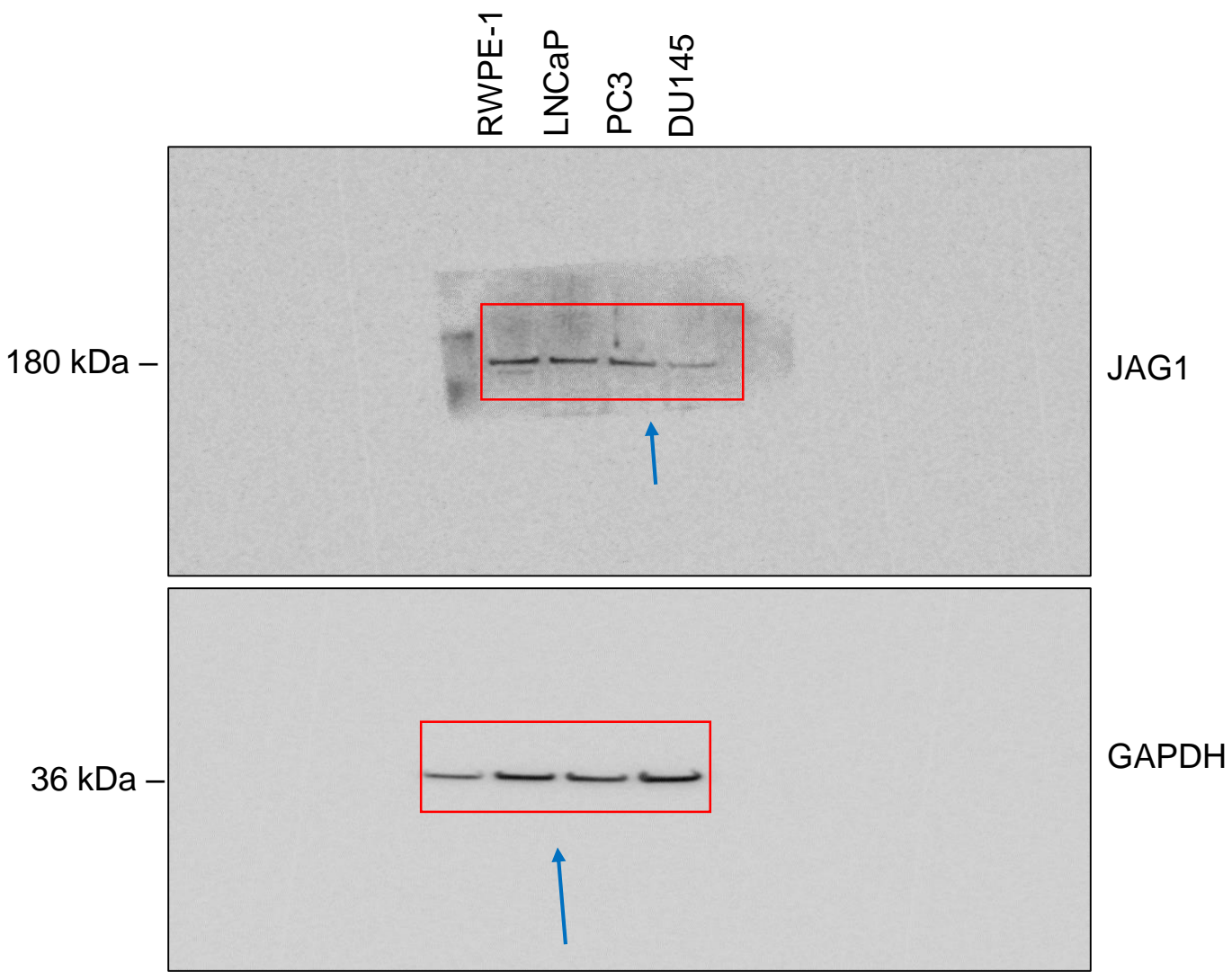
C



Full length images of blots for Fig. 4C in main paper. Red rectangles indicate the regions used in the figures. PVDF membranes were used for probing with the respective primary antibody. Film was utilized to develop membranes.

Figure 5

B

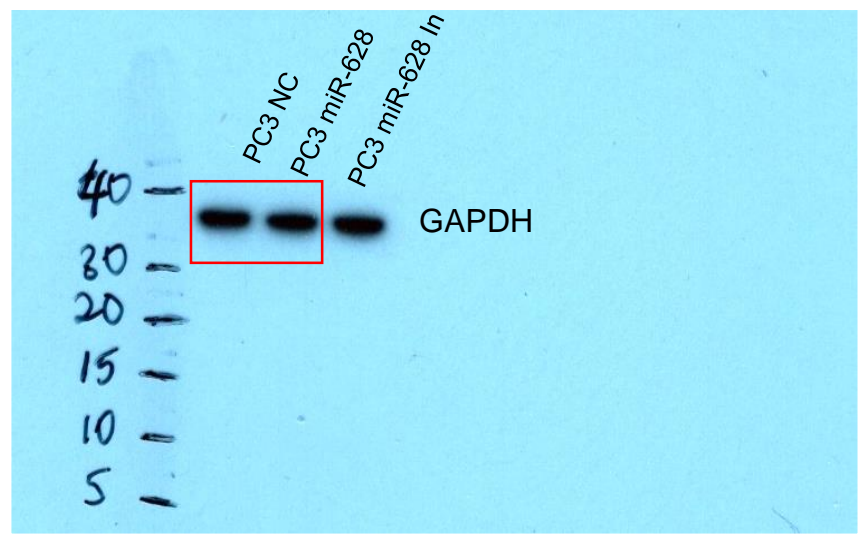
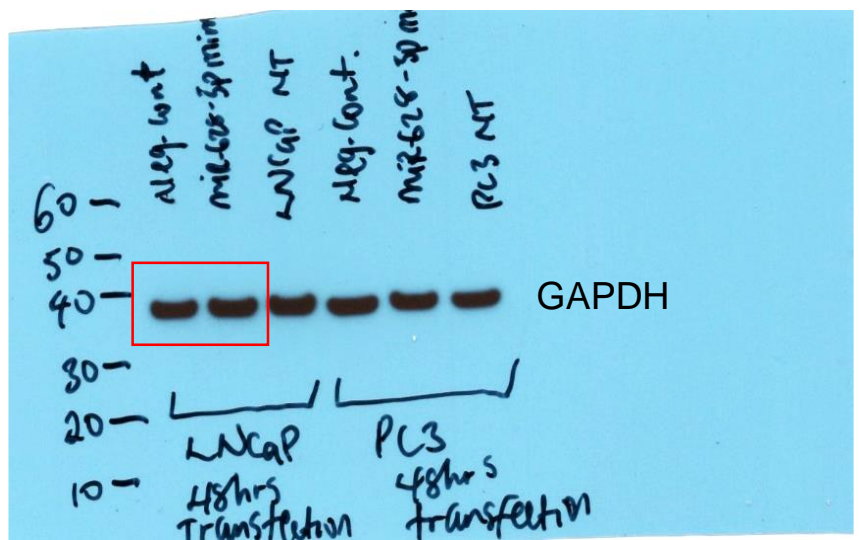
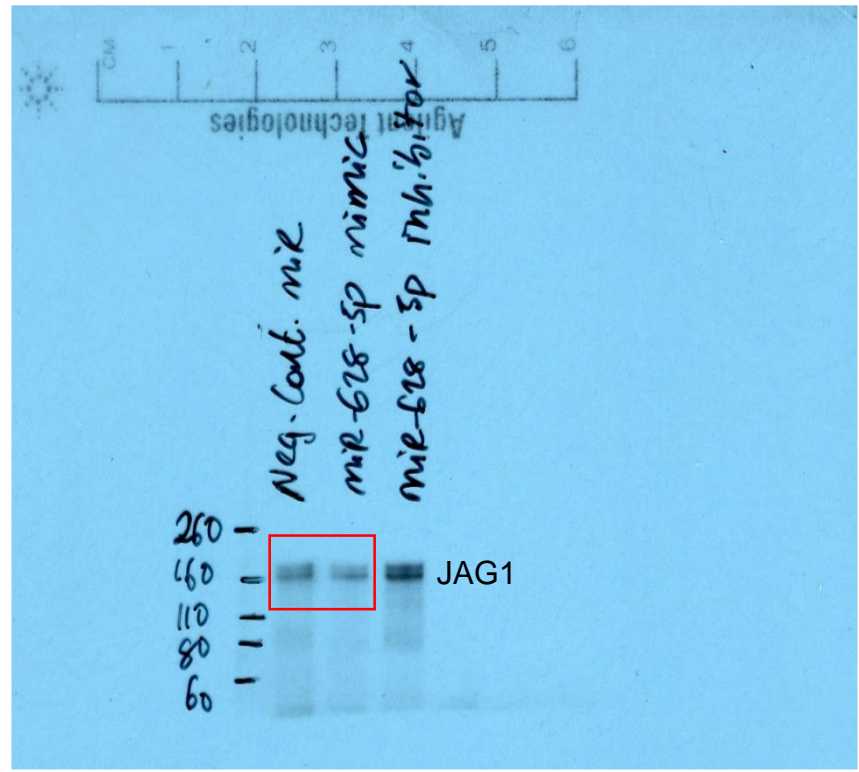
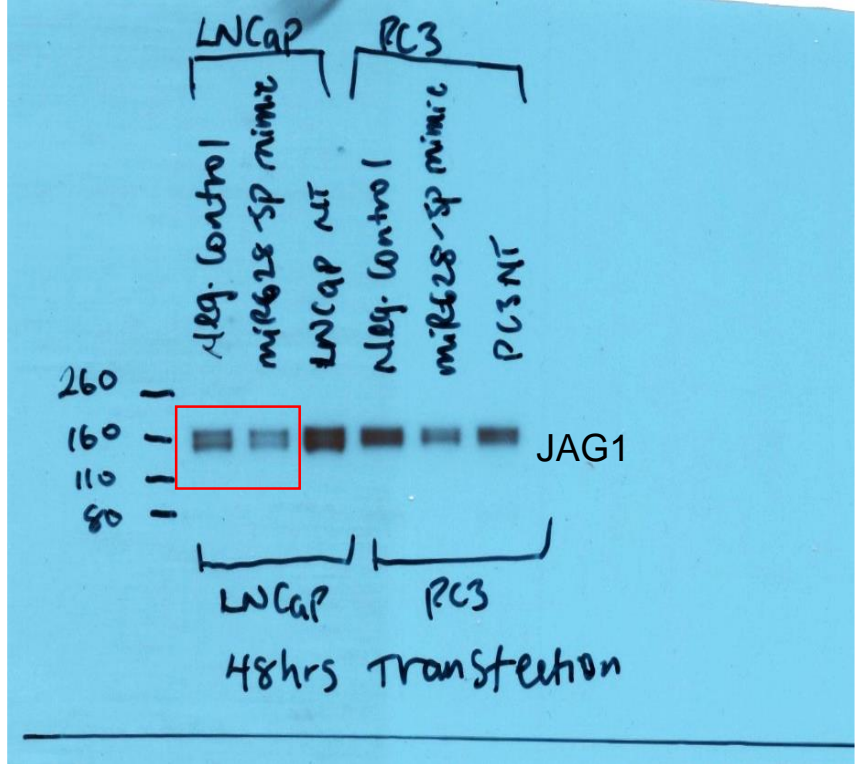


** membrane was cut previous to probing using molecular weight marker as reference. Edges are marked with blue arrow when possible. The Azure c500 was used to scan membranes.

Full length images of blots for Fig. 5B in main paper. Red rectangles indicate the regions used in the figures. PVDF membranes were cut where indicated using molecular weight marker as reference, and used for probing with the respective primary antibody.

Figure 5

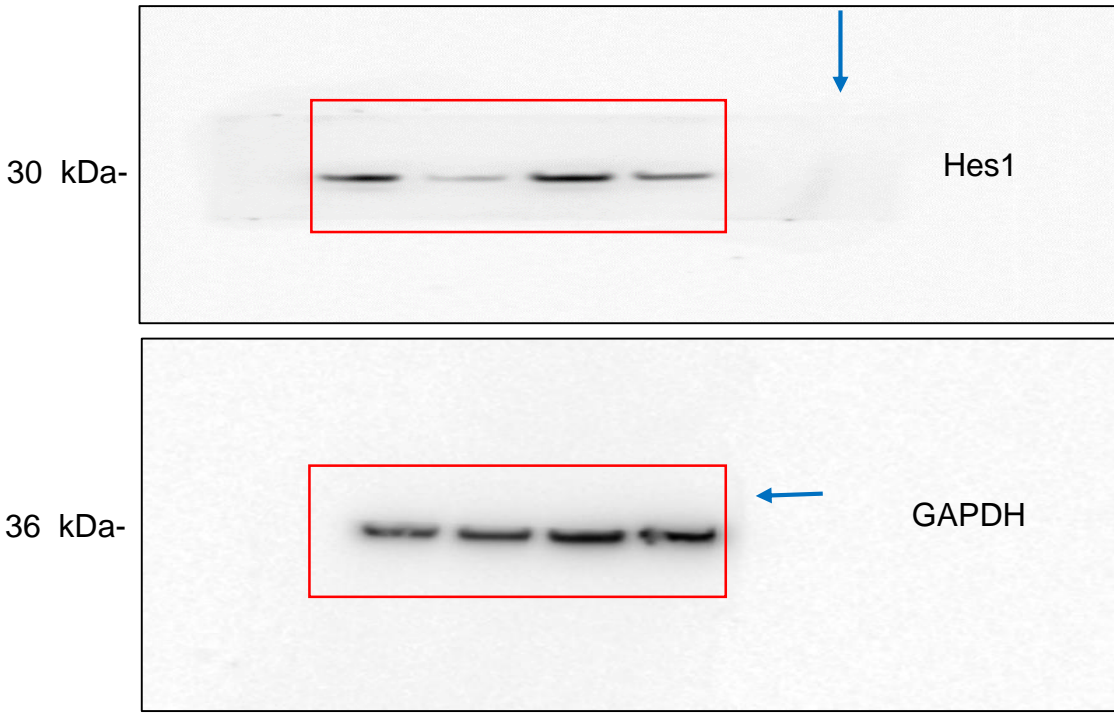
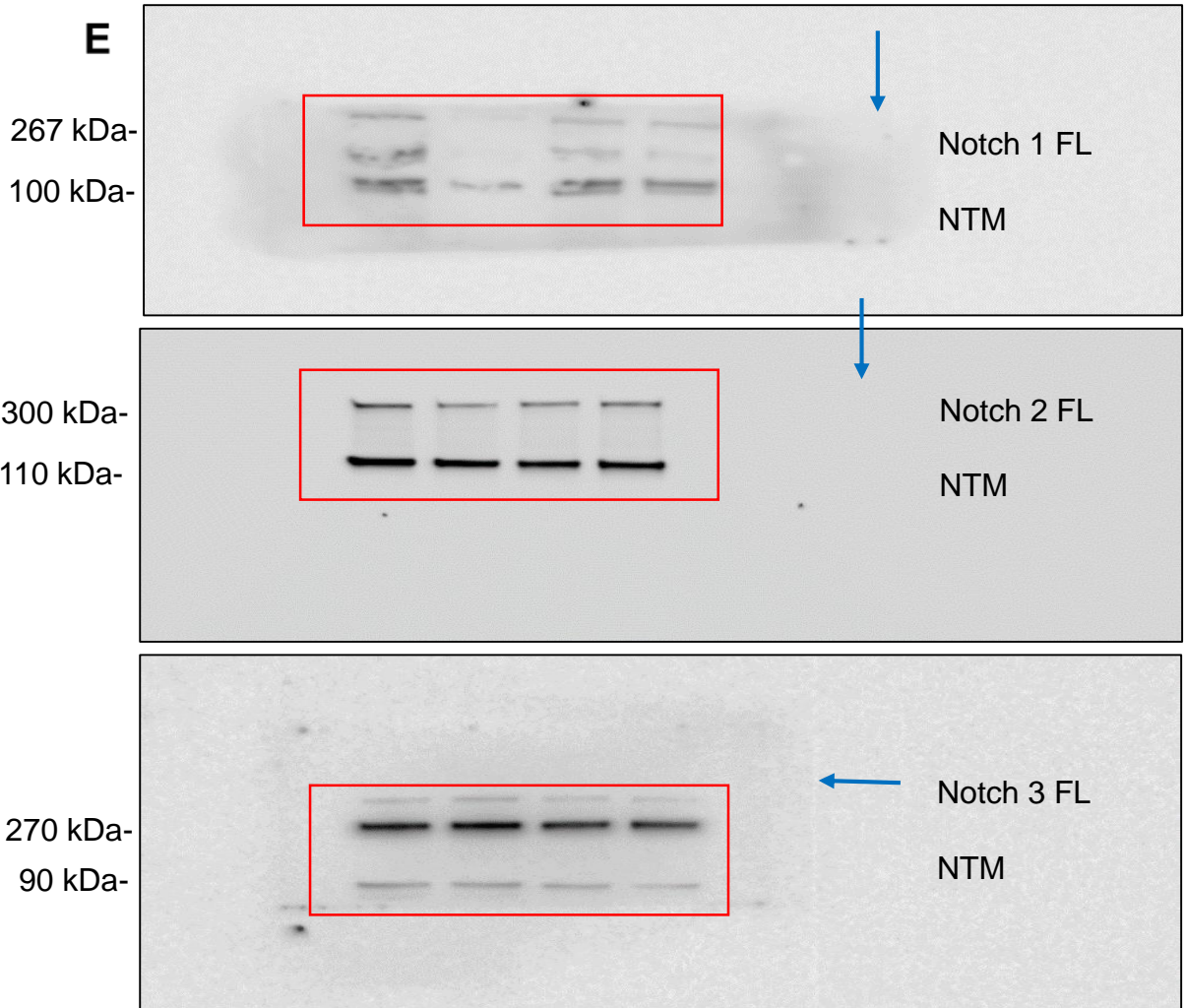
E



Full length images of blots for Fig. 5E in main paper. Red rectangles indicate the regions used in the figures. PVDF membranes were used for probing with the respective primary antibody. Film was utilized to develop membranes.

Figure 5

LNCaP- NC
LNCaP- miR-628
PC3- NC
PC3- miR-628

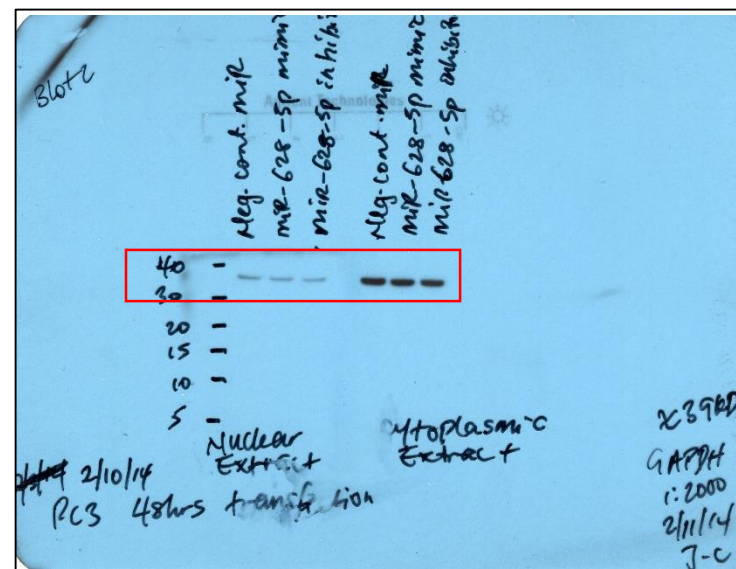
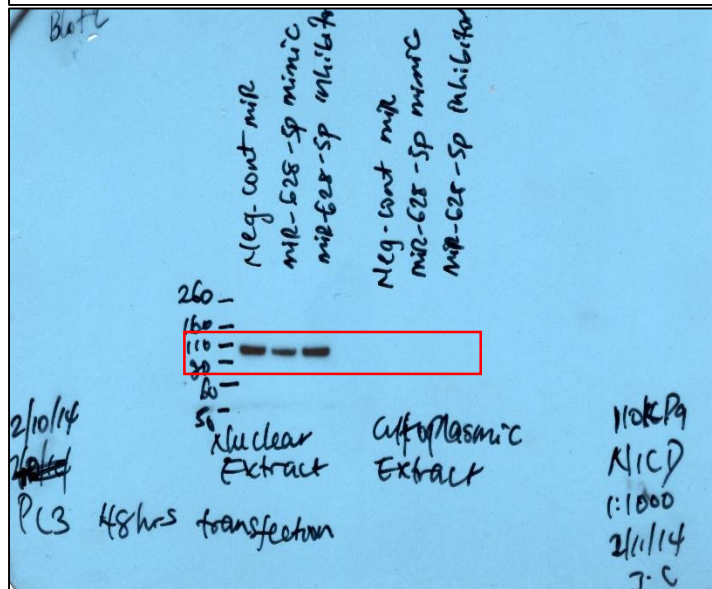
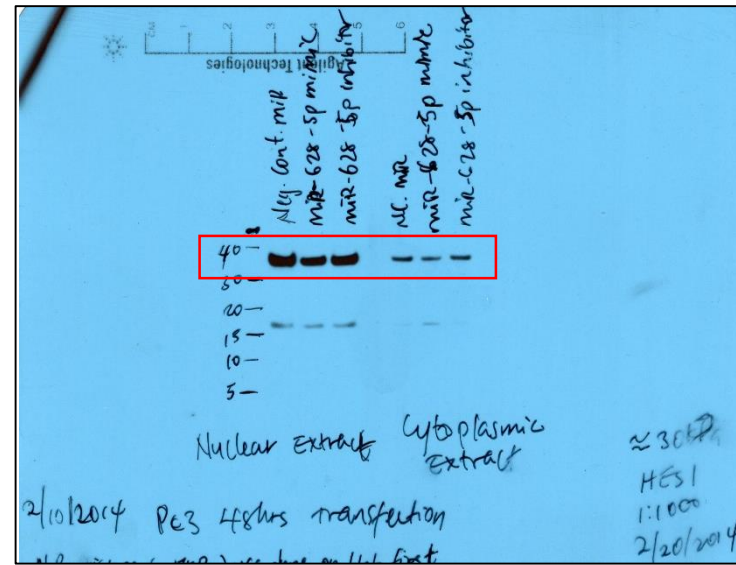
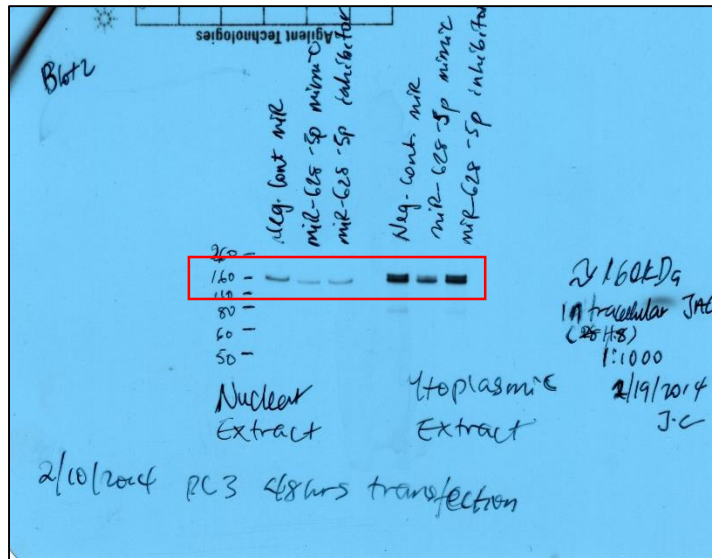


** membrane was cut previous to probing using molecular weight marker as reference. The Azure c500 was used to scan membranes.

Full length images of blots for Fig. 5E in main paper. Red rectangles indicate the regions used in the figures. PVDF membranes were used for probing with the respective primary antibody.

Figure 5

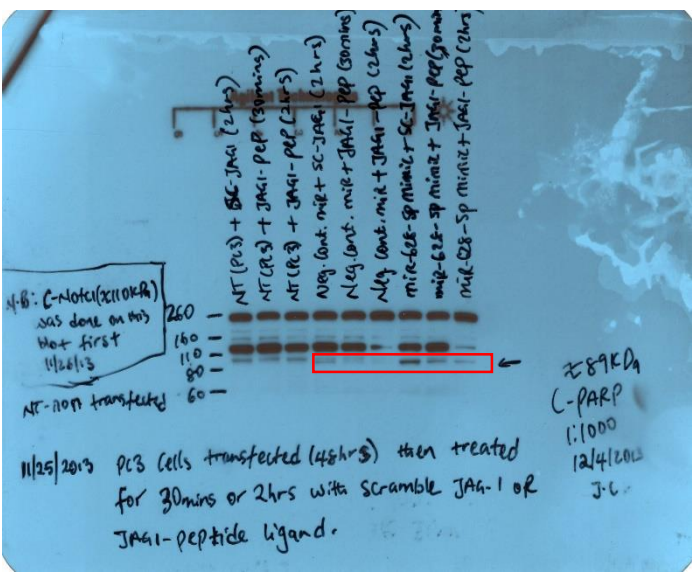
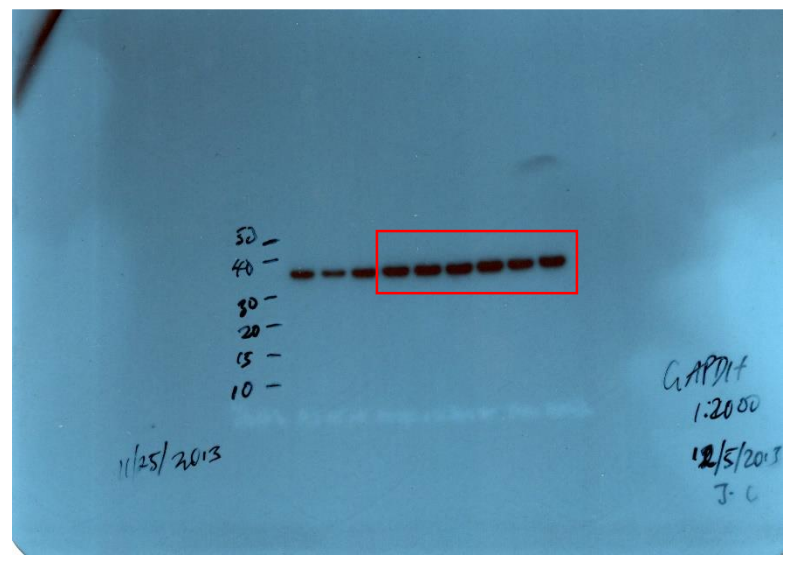
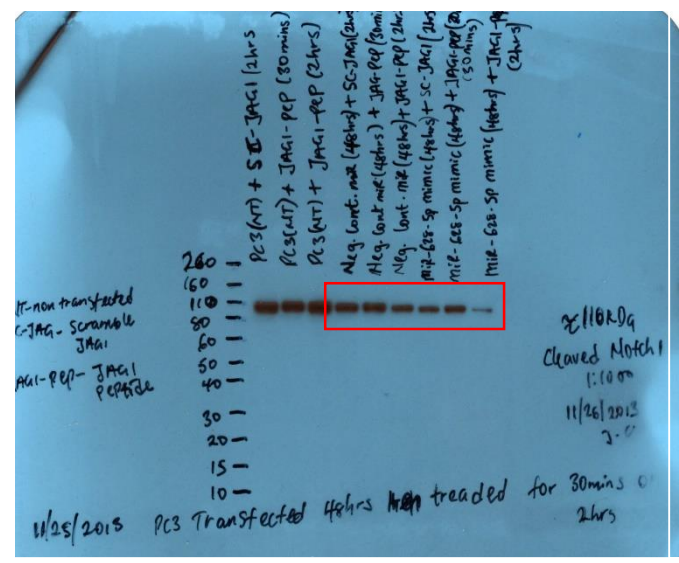
F



Full length images of blots for Fig. 5F in main paper. Red rectangles indicate the regions used in the figures. PVDF membranes were used for probing with the respective primary antibody. Film was utilized to develop membranes.

Figure 5

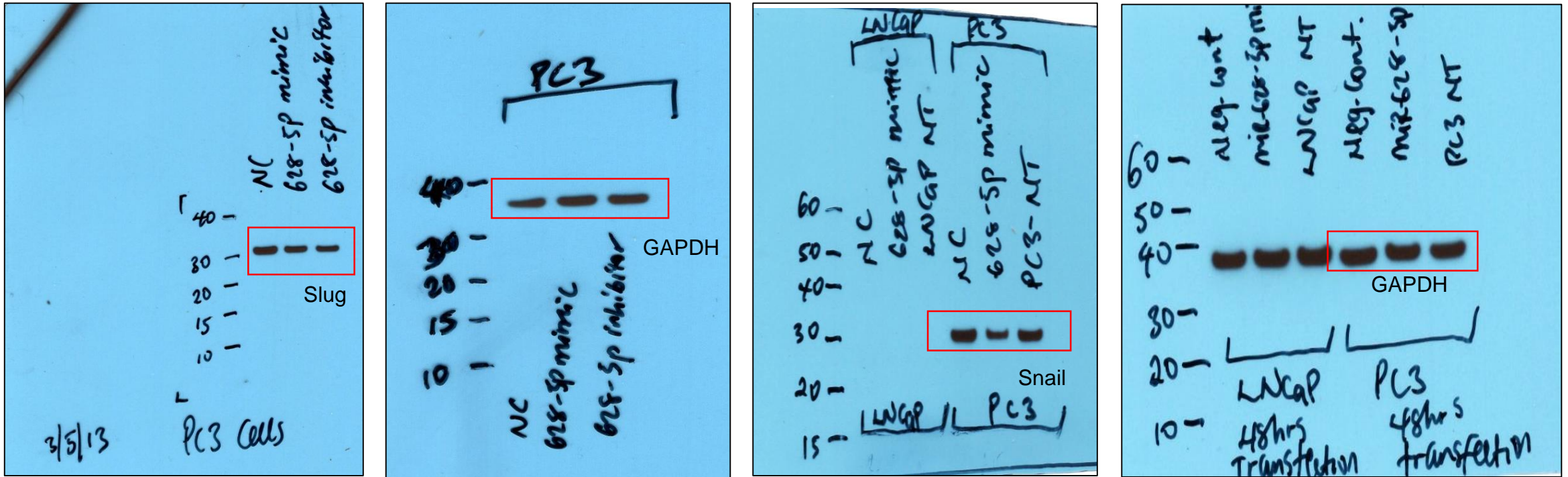
G



Full length images of blots for Fig. 5G in main paper. Red rectangles indicate the regions used in the figures. PVDF membranes were used for probing with the respective primary antibody. Film was utilized to develop membranes.

Figure 6

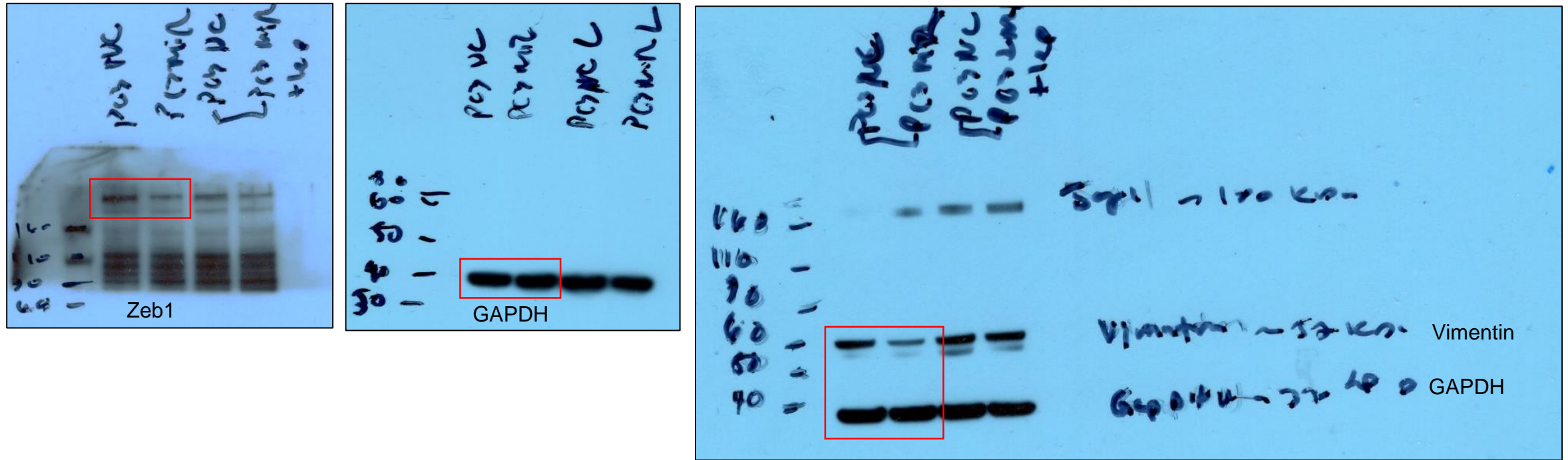
E



Full length images of blots for Fig. 6E in main paper. Red rectangles indicate the regions used in the figures. PVDF membranes were used for probing with the respective primary antibody. Film was utilized to develop membranes.

Figure 6

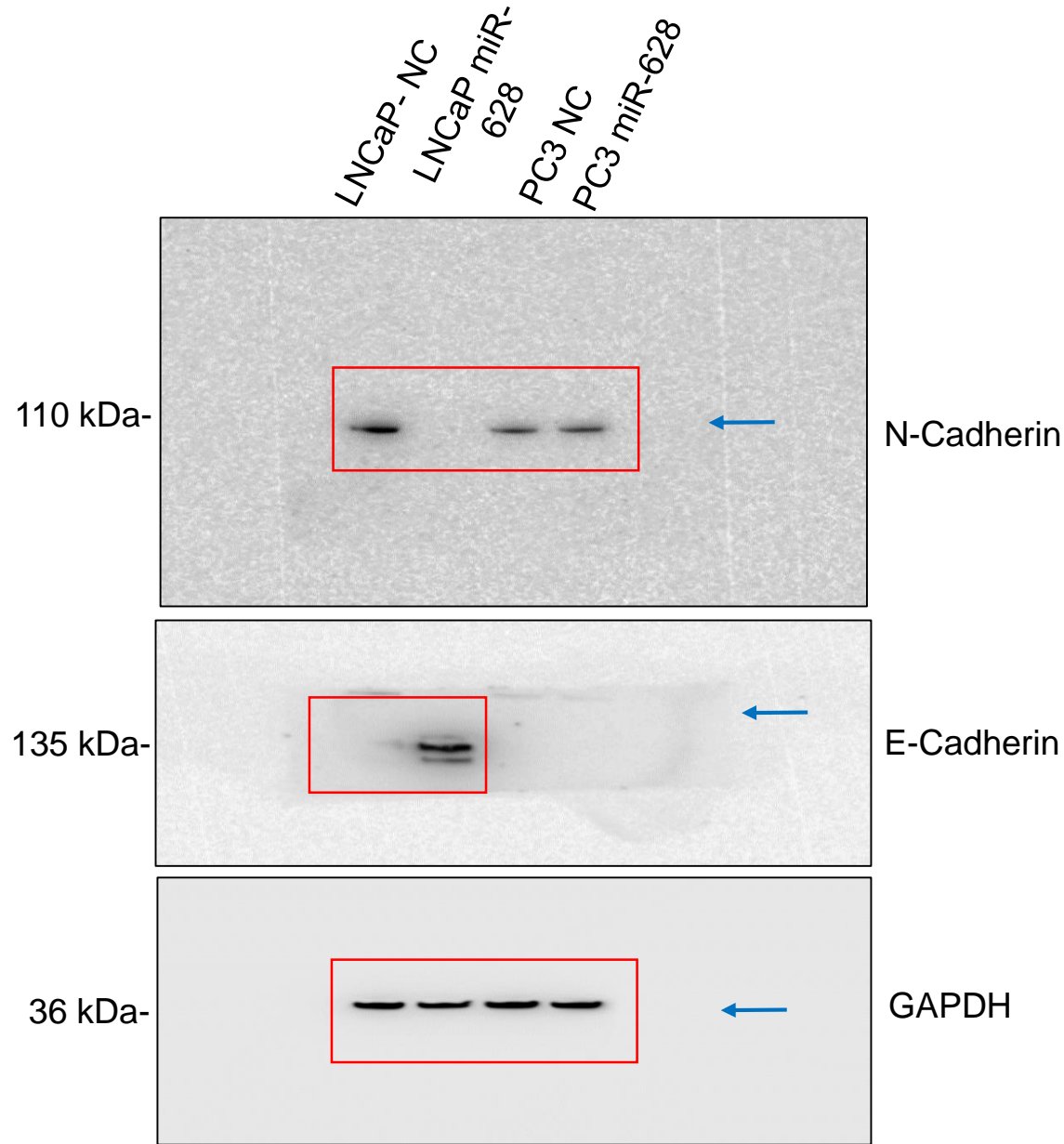
F



Full length images of blots for Fig. 6F in main paper. Red rectangles indicate the regions used in the figures. PVDF membranes were used for probing with the respective primary antibody. Film was utilized to develop membranes.

Figure 6

H- left and right



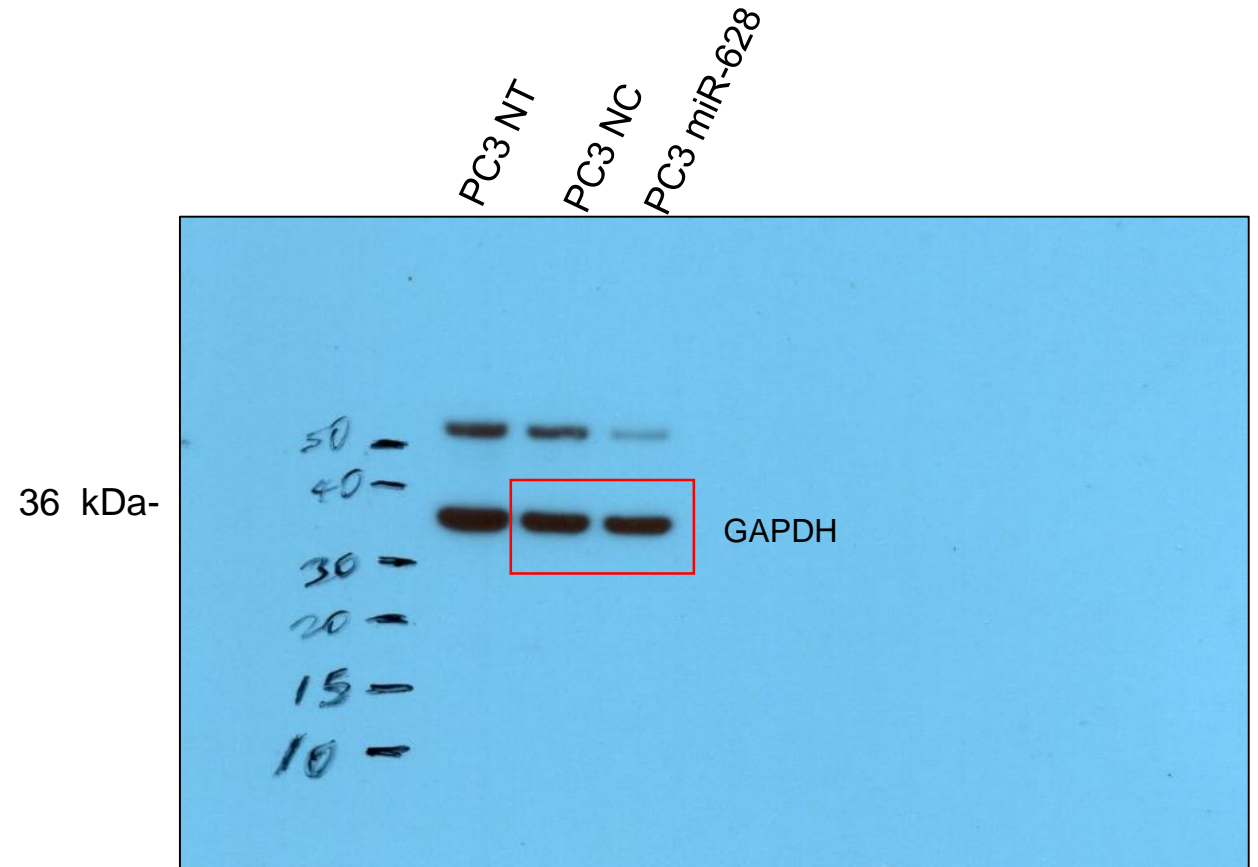
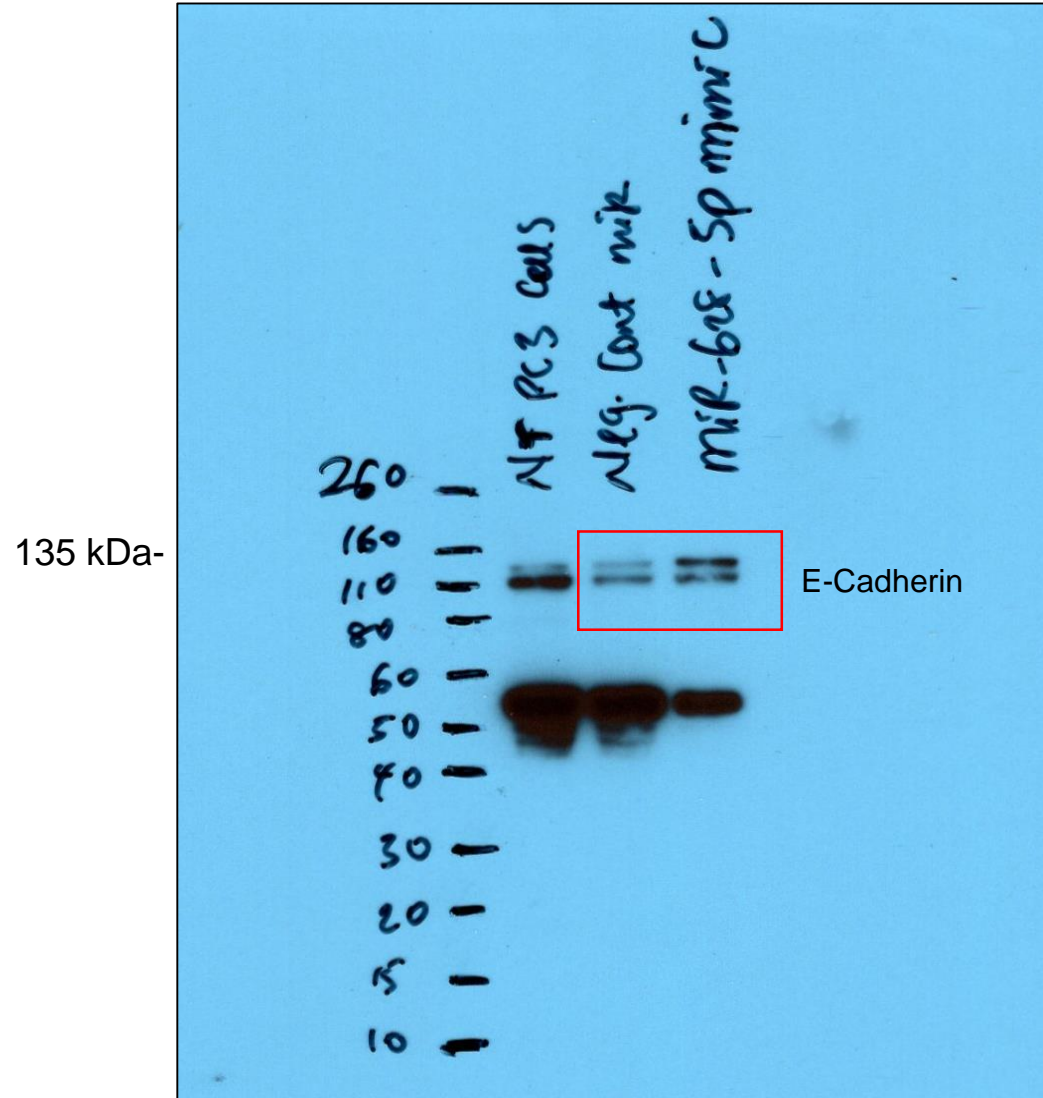
** membrane was cut previous to probing using molecular weight marker as reference. The Azure c500 was used to scan membranes.

Full length images of blots for Fig. 6H in main paper. Red rectangles indicate the regions used in the figures. PVDF membranes were cut where indicated using molecular weight marker as reference, and used for probing with the respective primary antibody. The Azure c500 was used to scan membranes.

Figure 6

H-right

PC3 NT
PC3 NC
PC3 miR-628



Full length images of blots for Fig. 6H in main paper. Red rectangles indicate the regions used in the figures. PVDF membranes were used for probing with the respective primary antibody. Film was utilized to develop membranes.

