

Fig. 2f

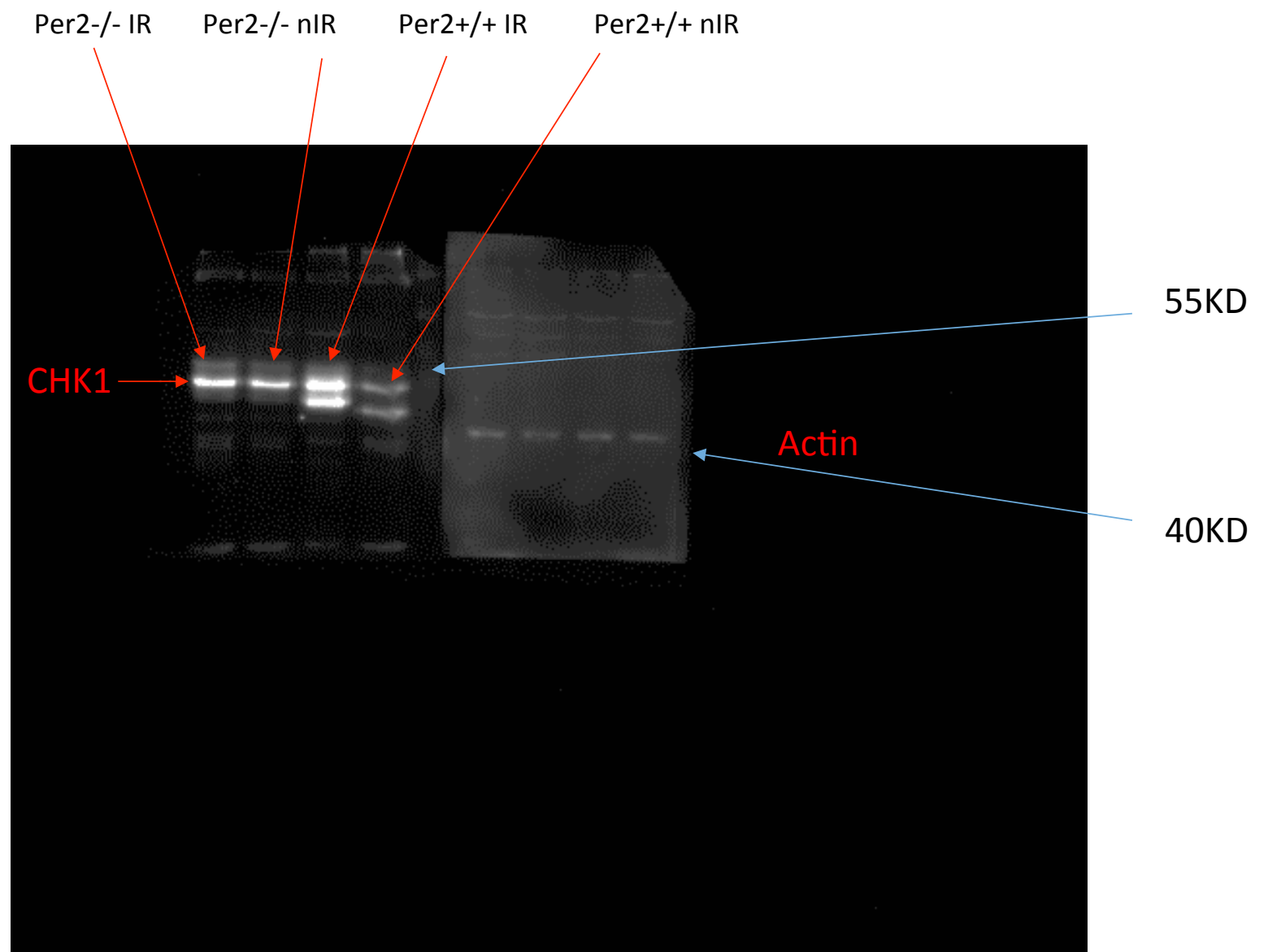


Fig. 2g-Atm

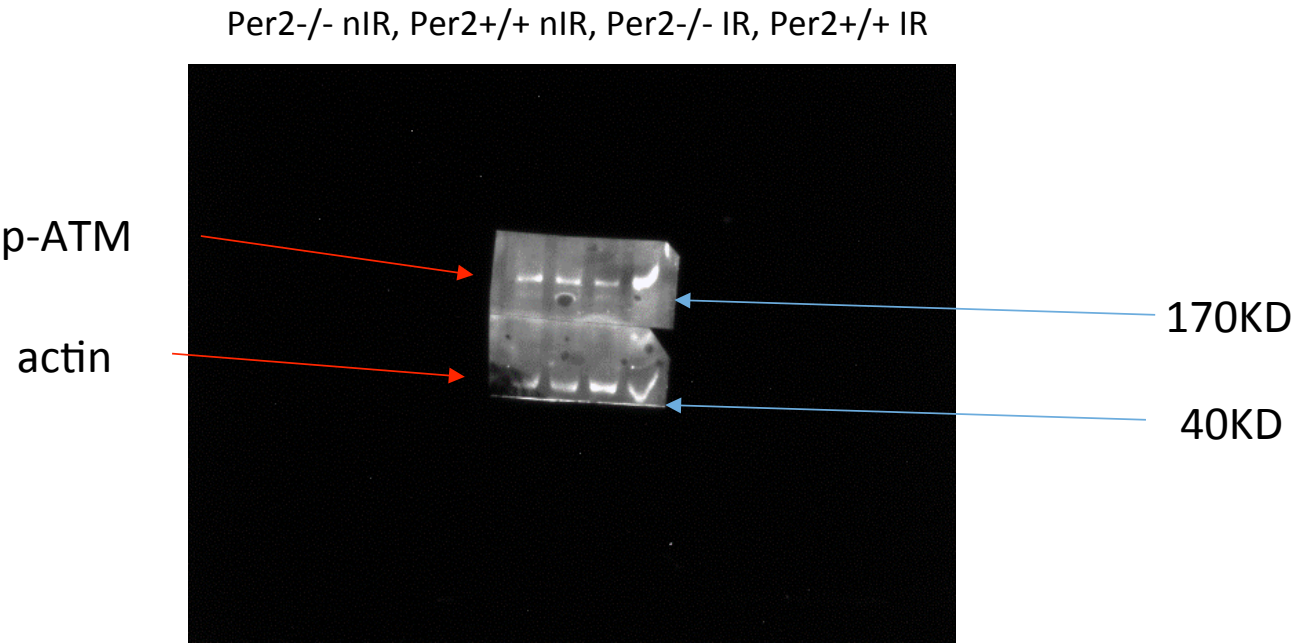


Fig. 2g-Chk2

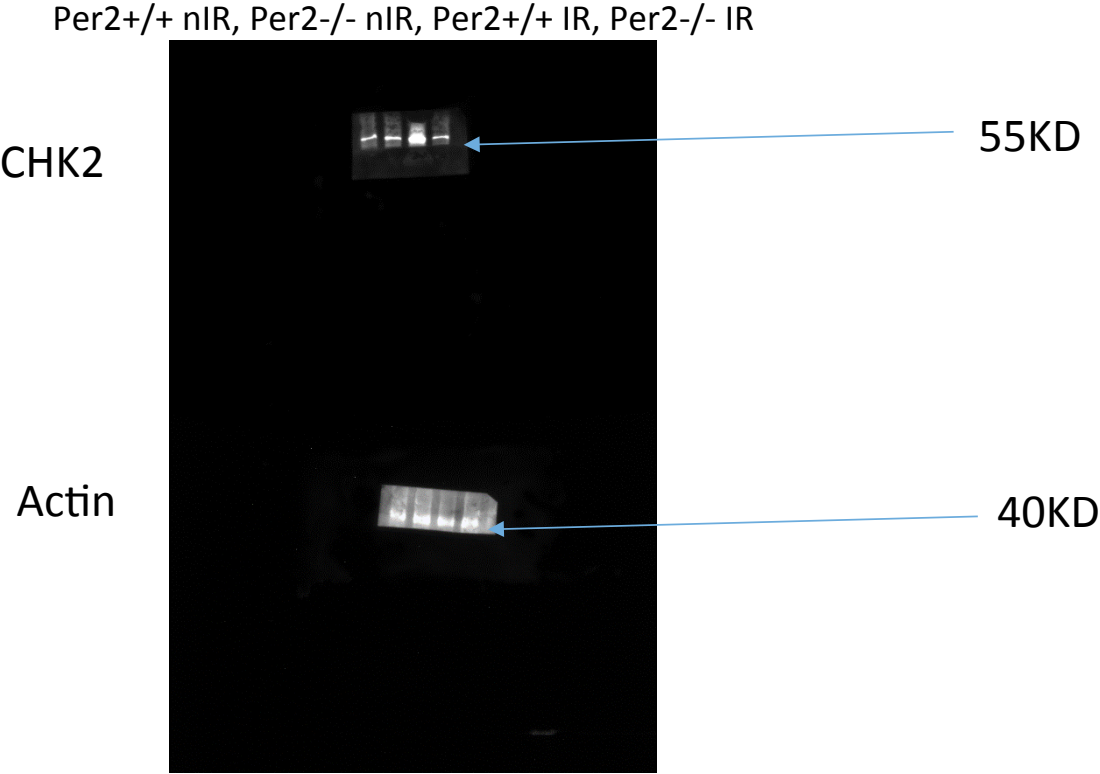


Fig.2h

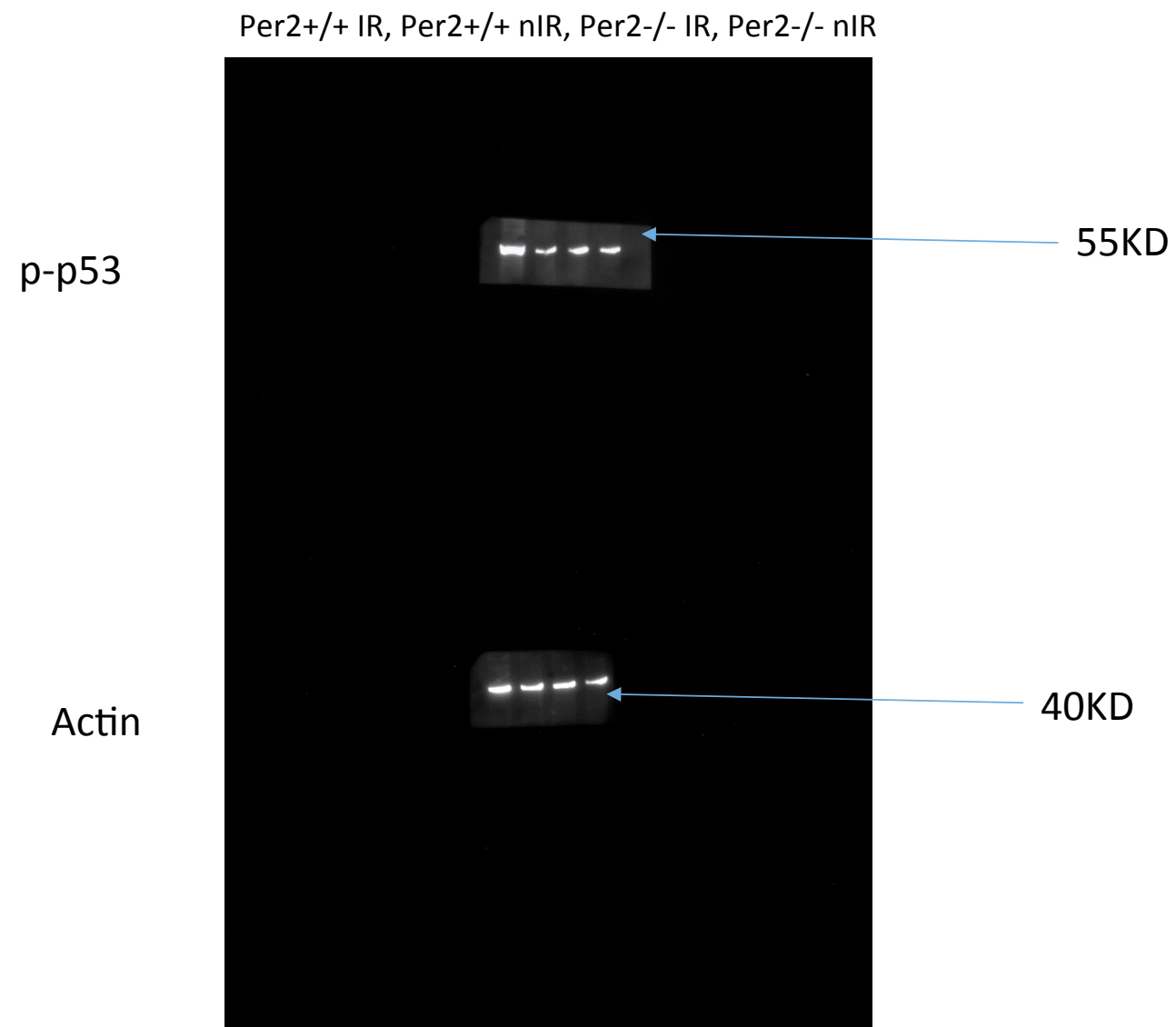


Fig.2h

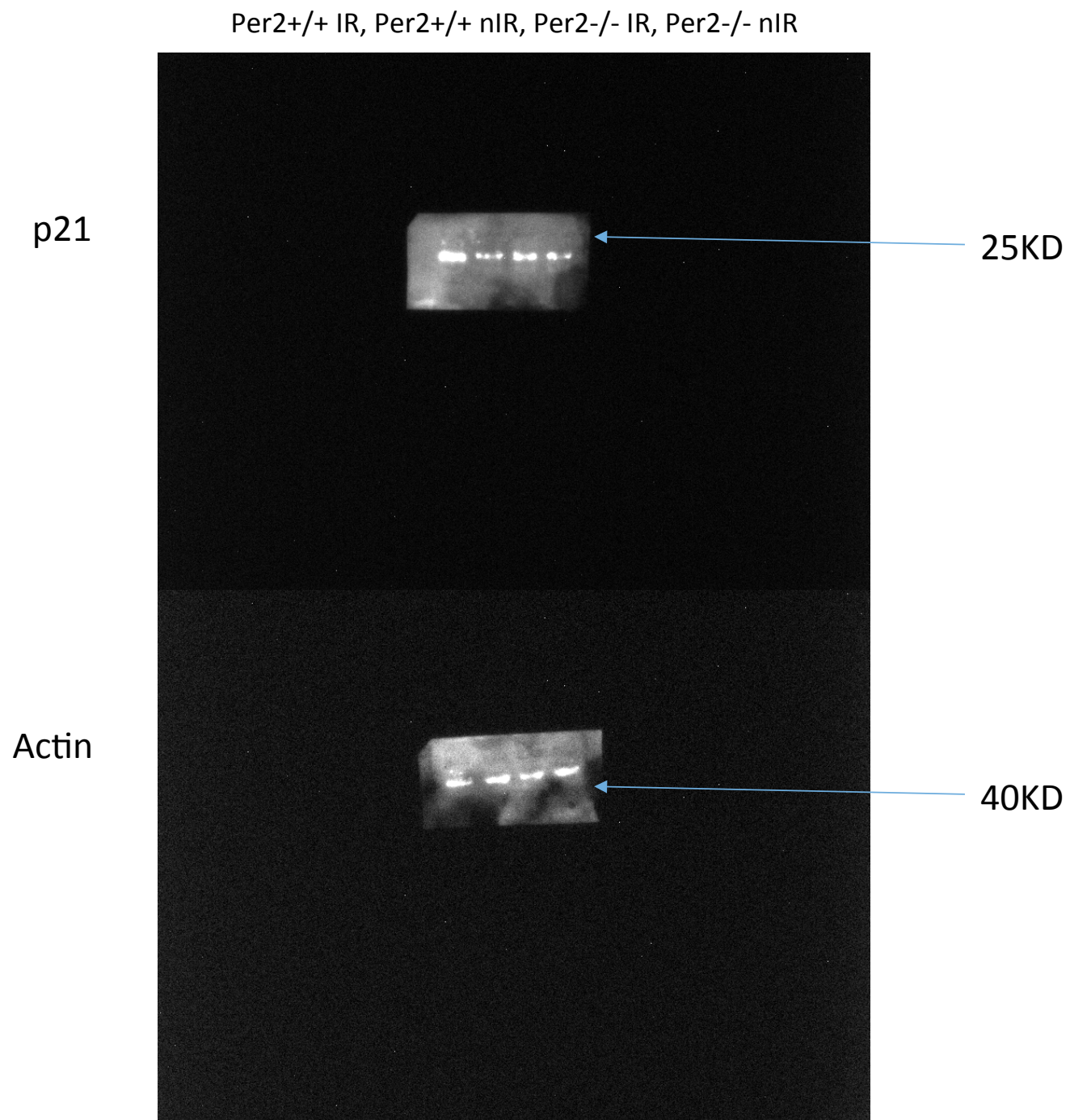


Fig.2h

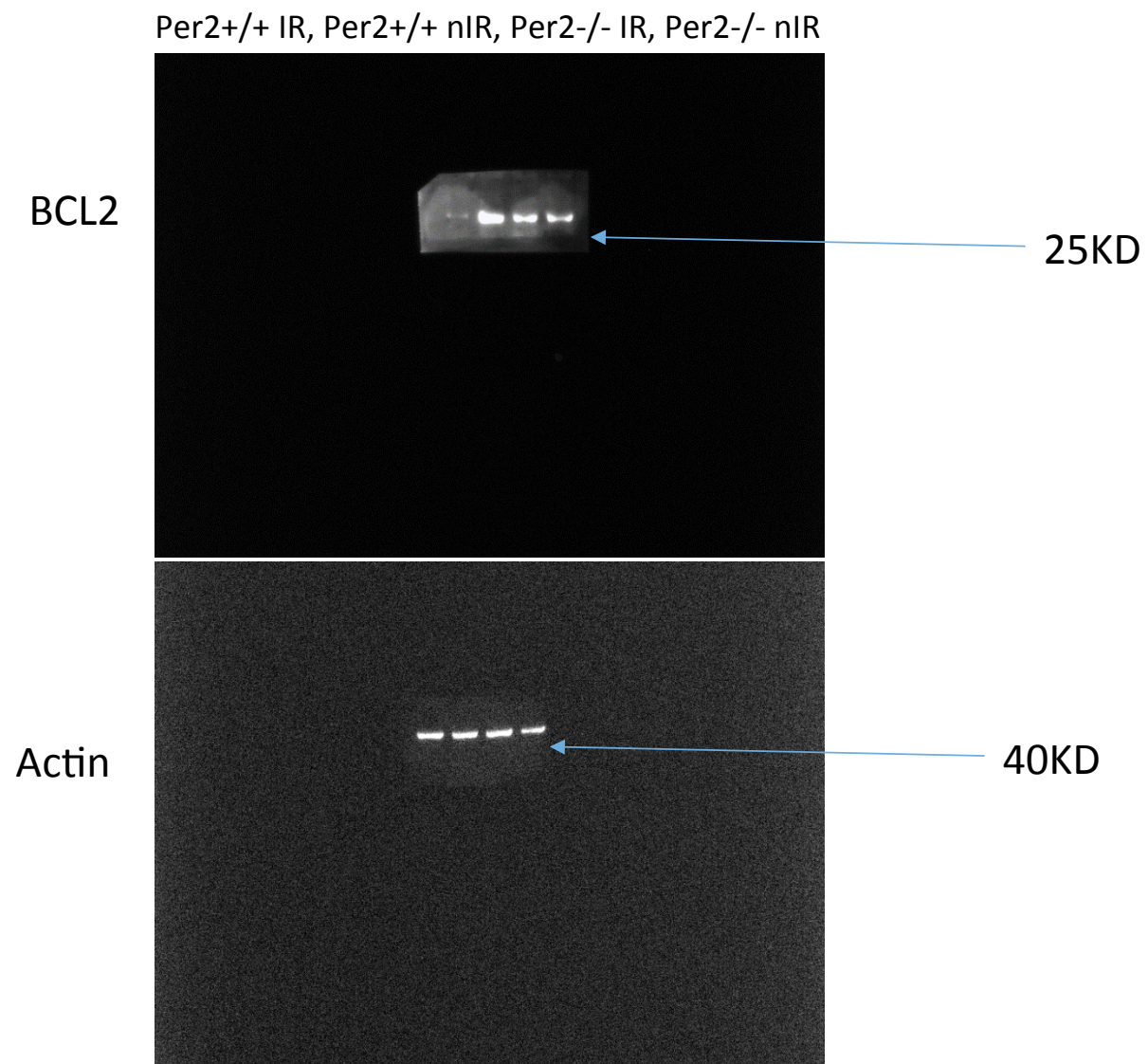


Fig.2h

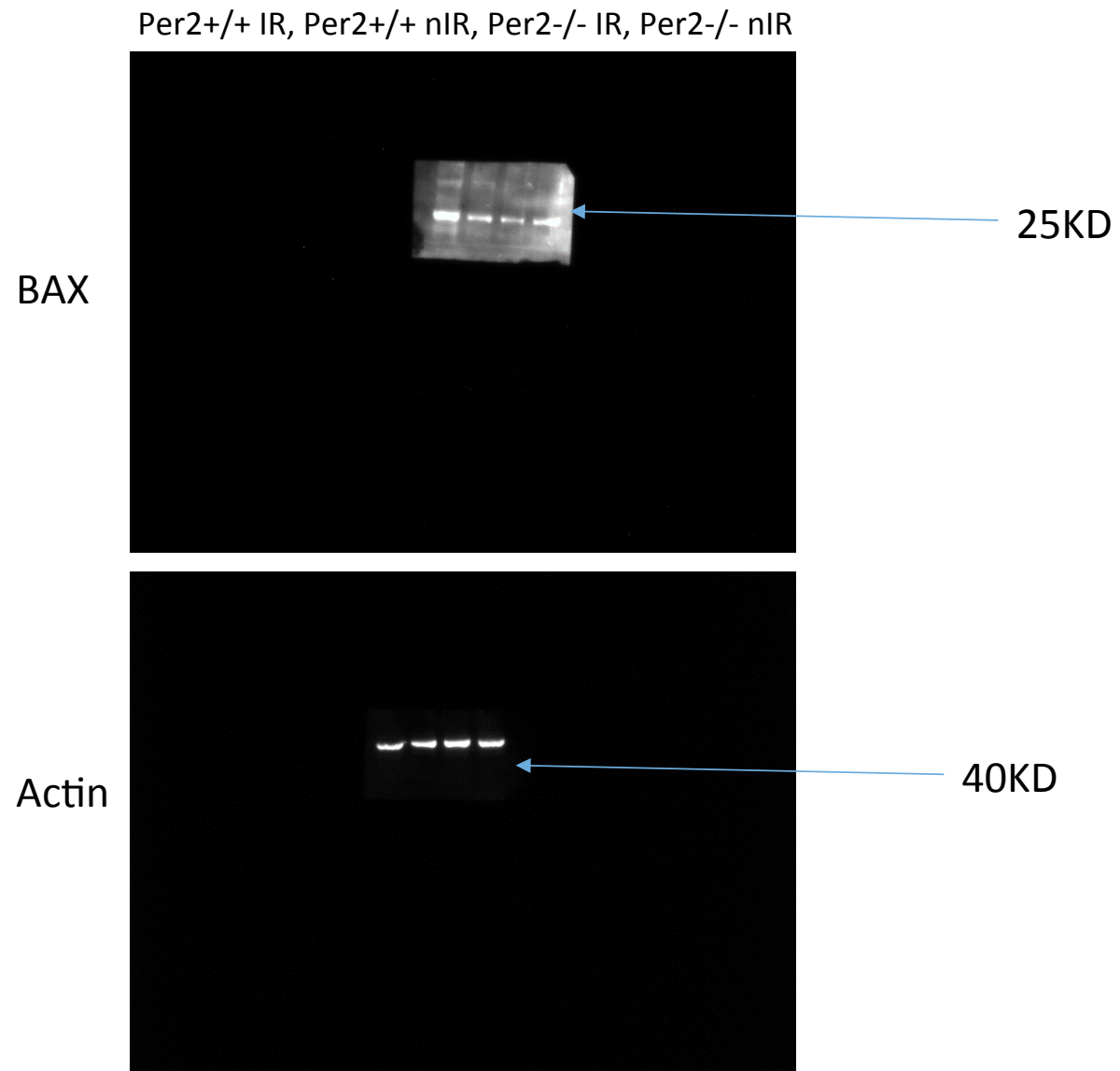


Fig.2h

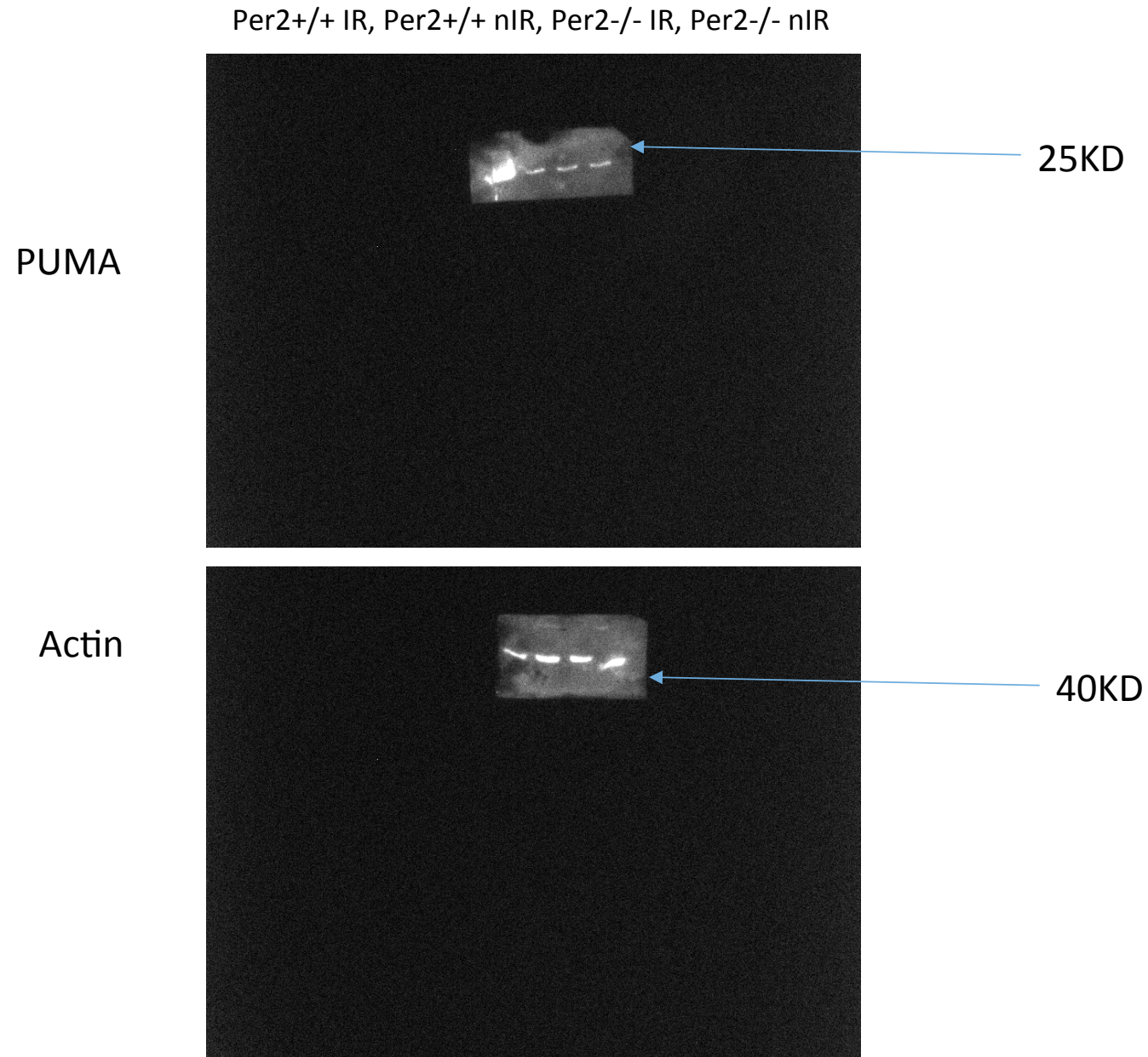


Fig.2h

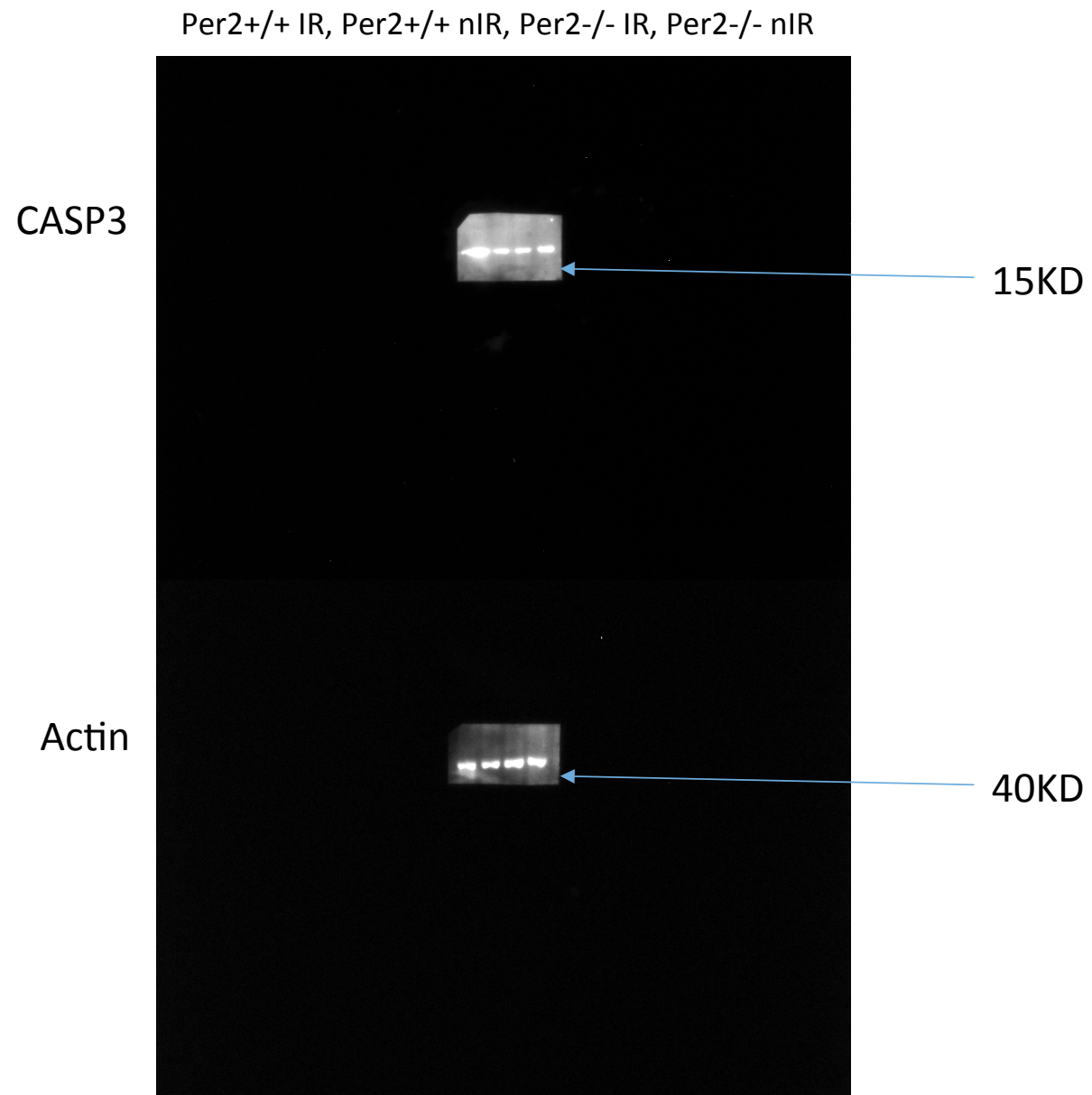
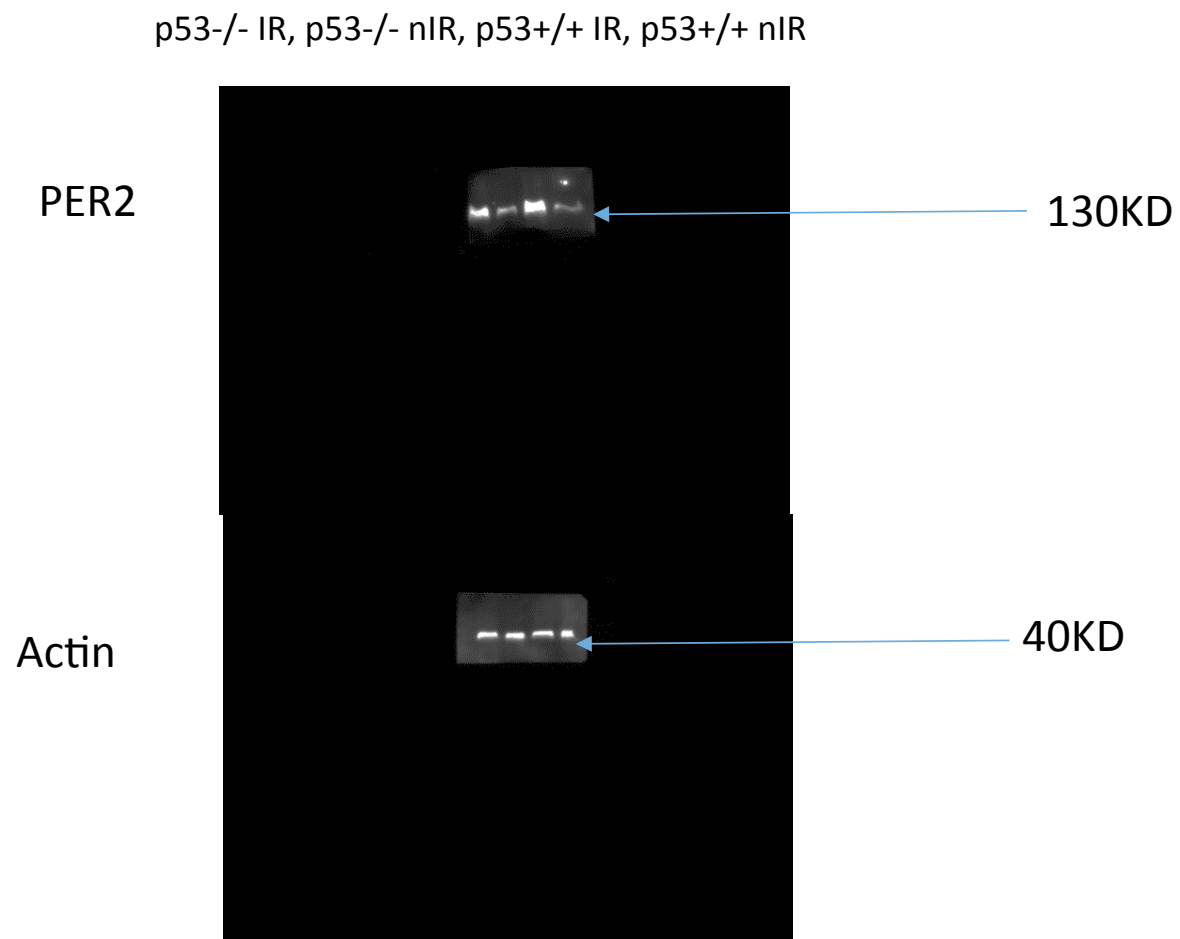


Fig. 3b



PER2 antibody: Millipore A2202

Fig. 3C

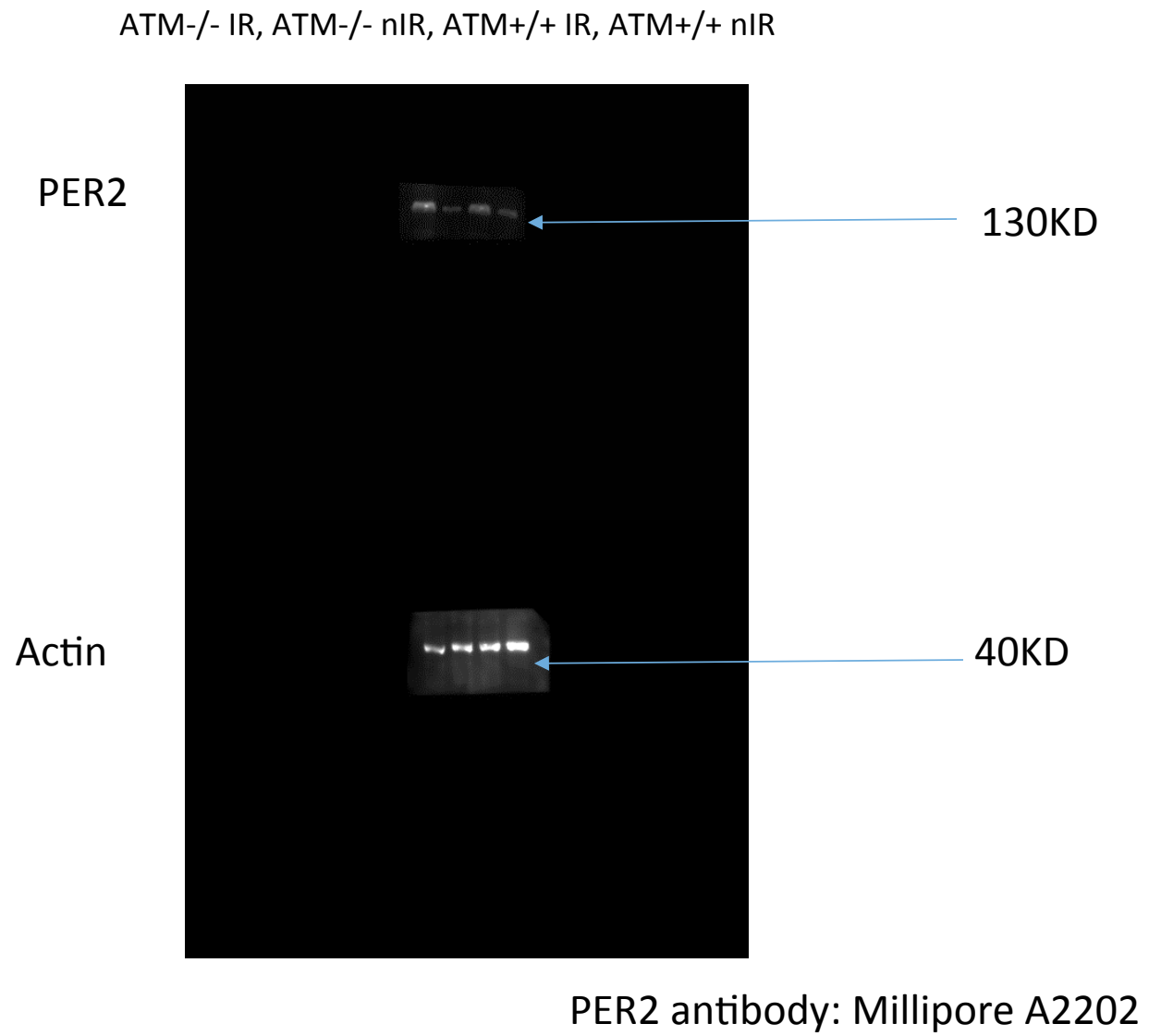
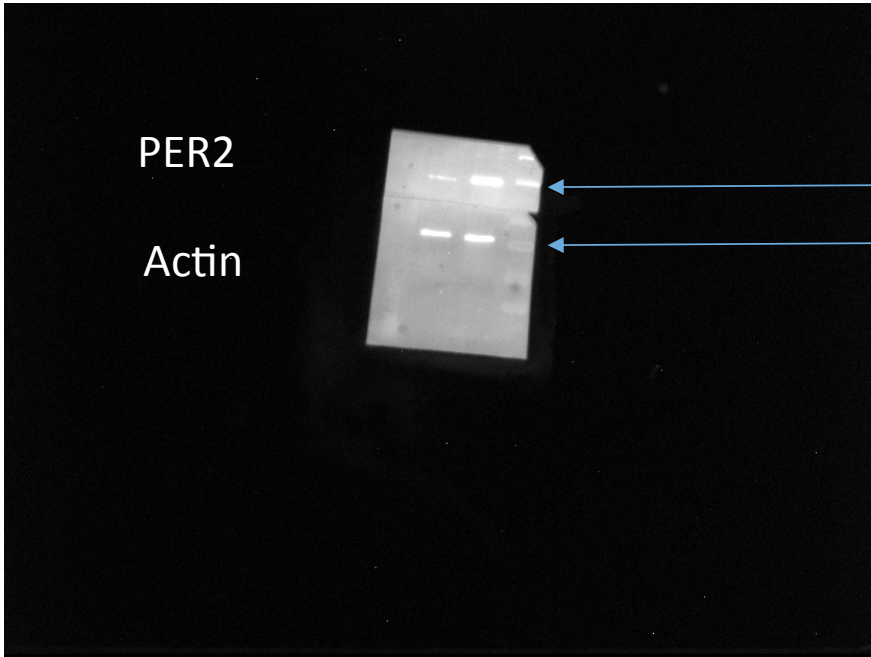
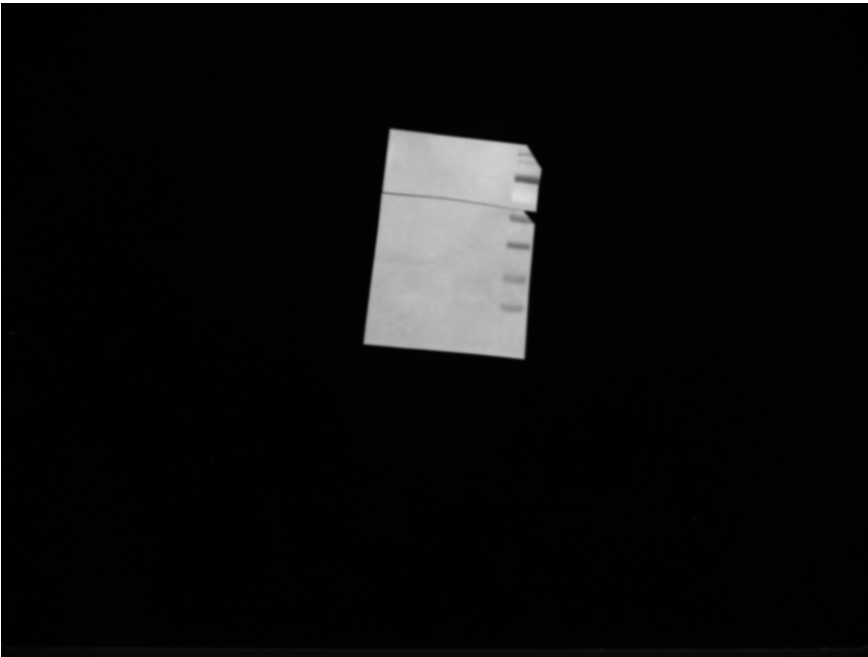


Fig. 3g

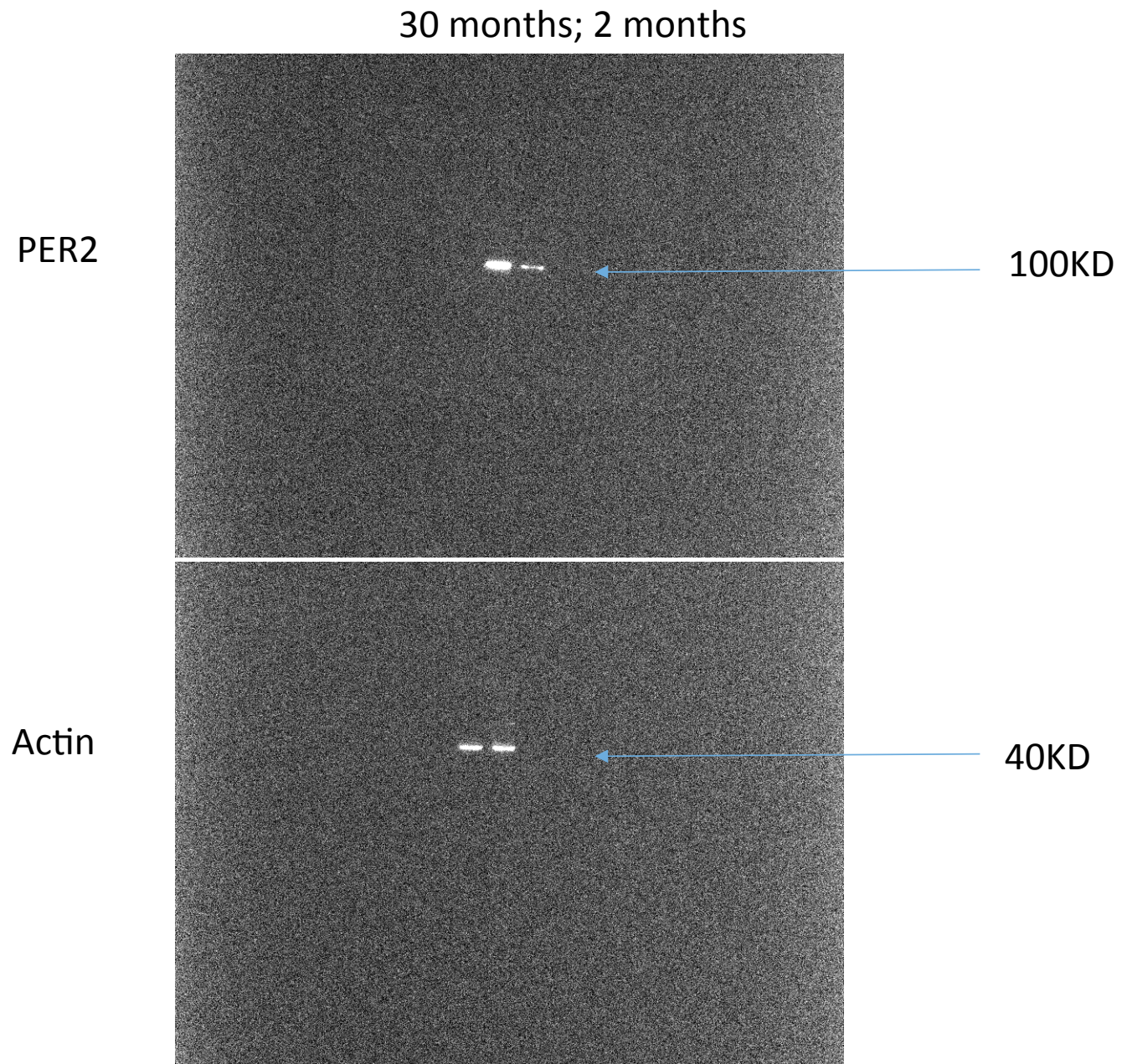
Repeat-1 A

2 months; 30 months



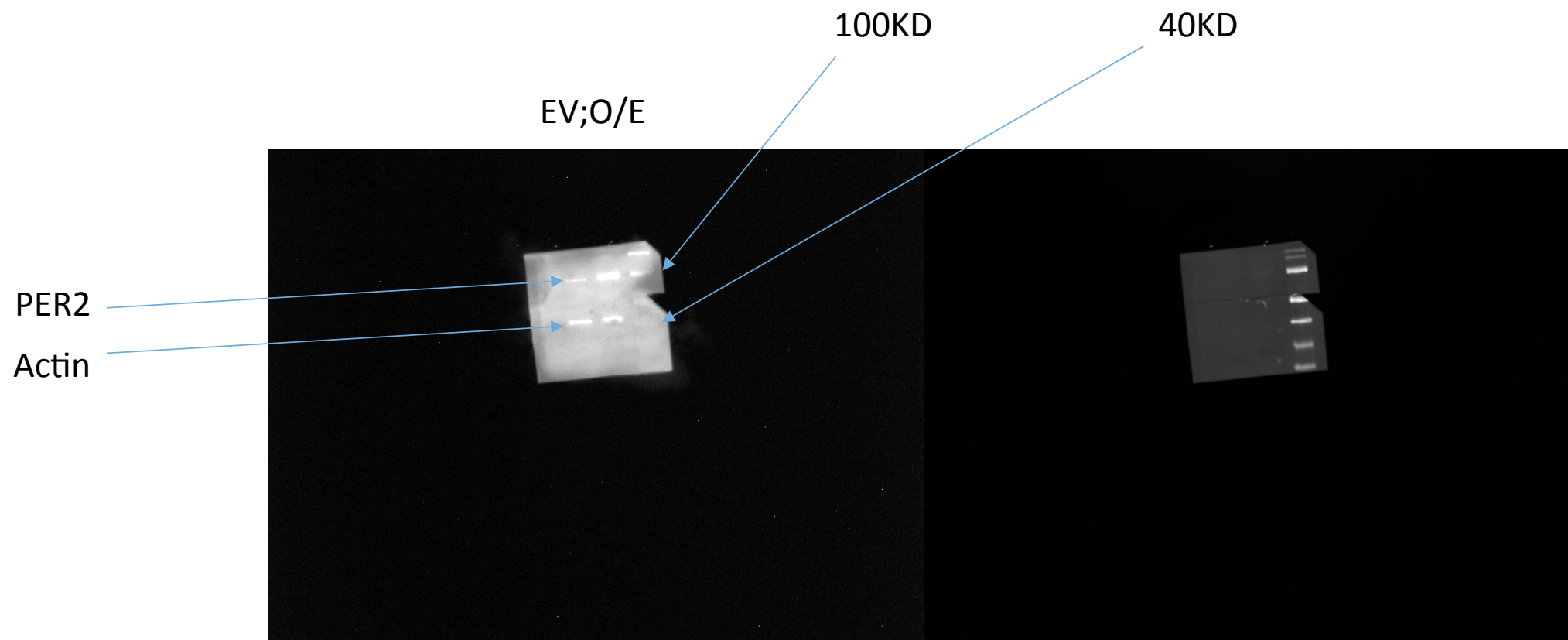
PER2 Antibody: BD transduction, 611138

Fig.3g Repeat-1 B



PER2 Antibody: BD transduction, 611138

Fig. 3k-Per2



PER2 antibody: BD Transduction, 611138

Fig. 3k-p21

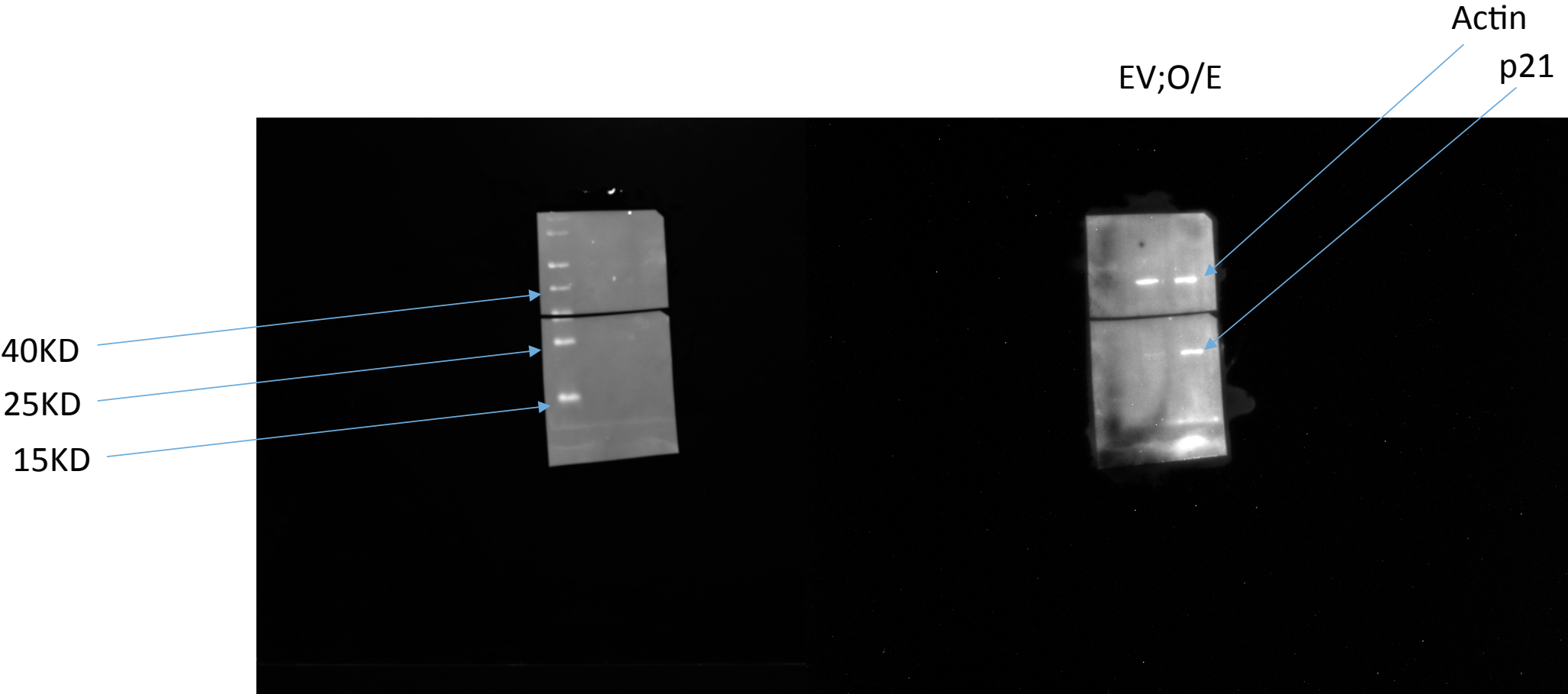


Fig. 3k-puma



3k-Bax

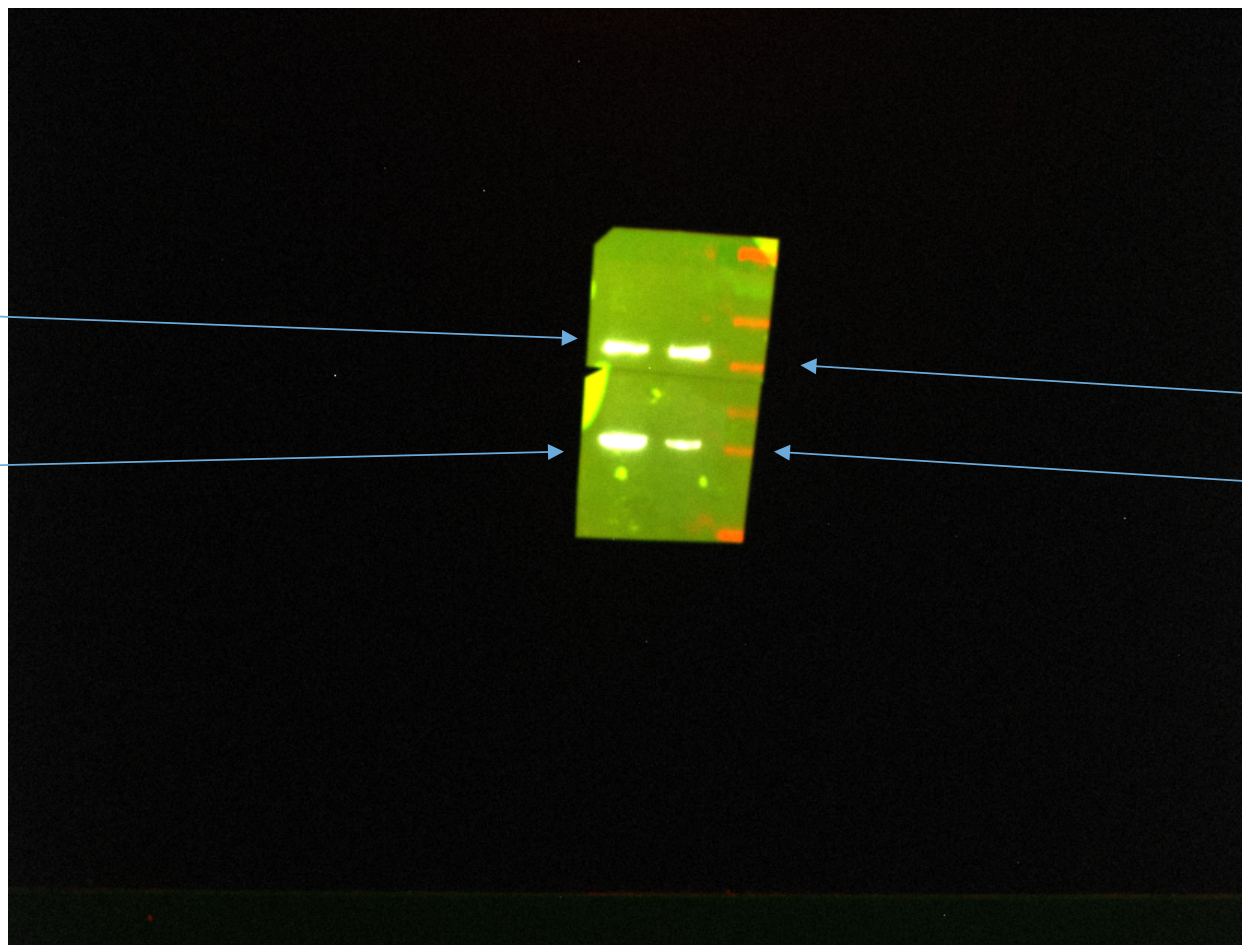
O/E, EV

Actin

BAX

40KD

25KD



3k-Bcl2

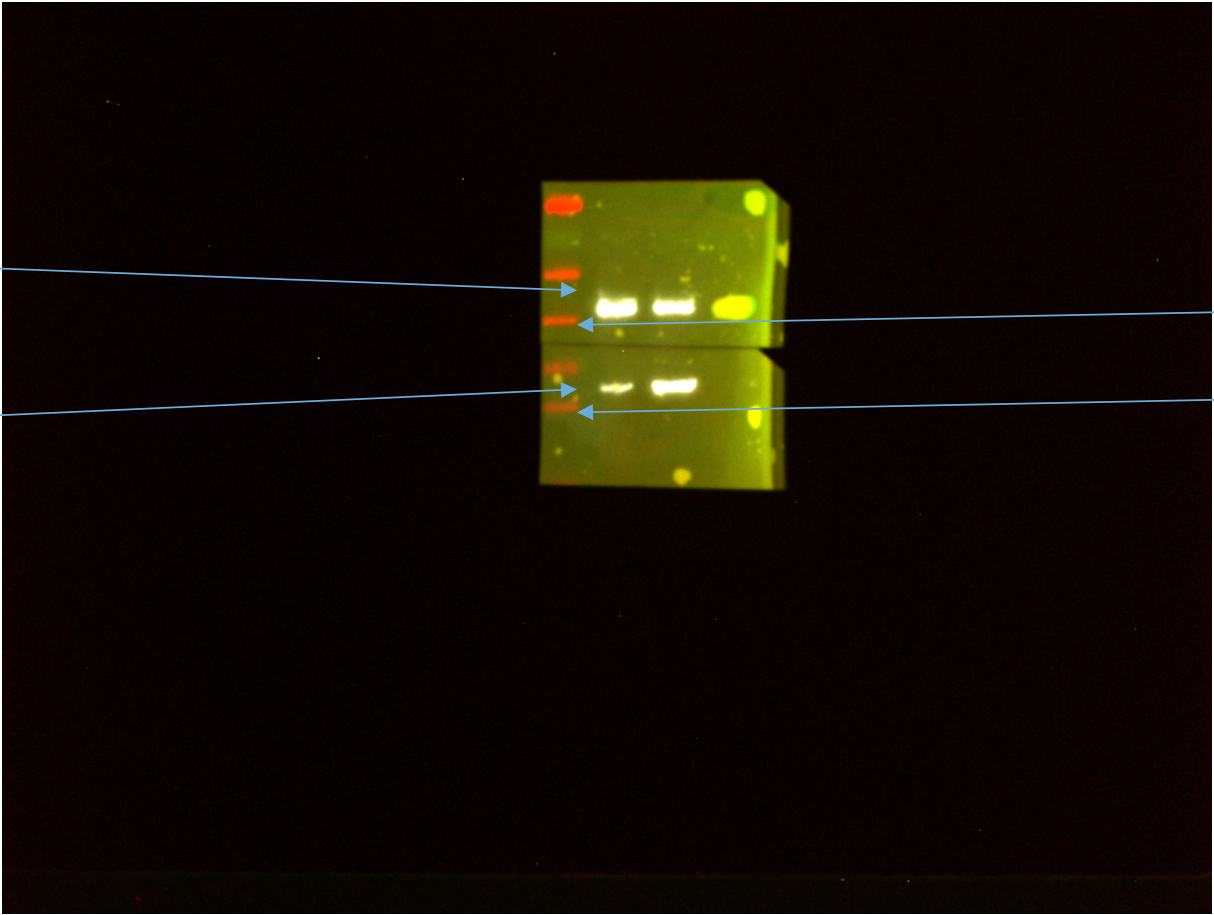
O/E, EV

Actin

BCL2

40KD

25KD



3k-Casp3

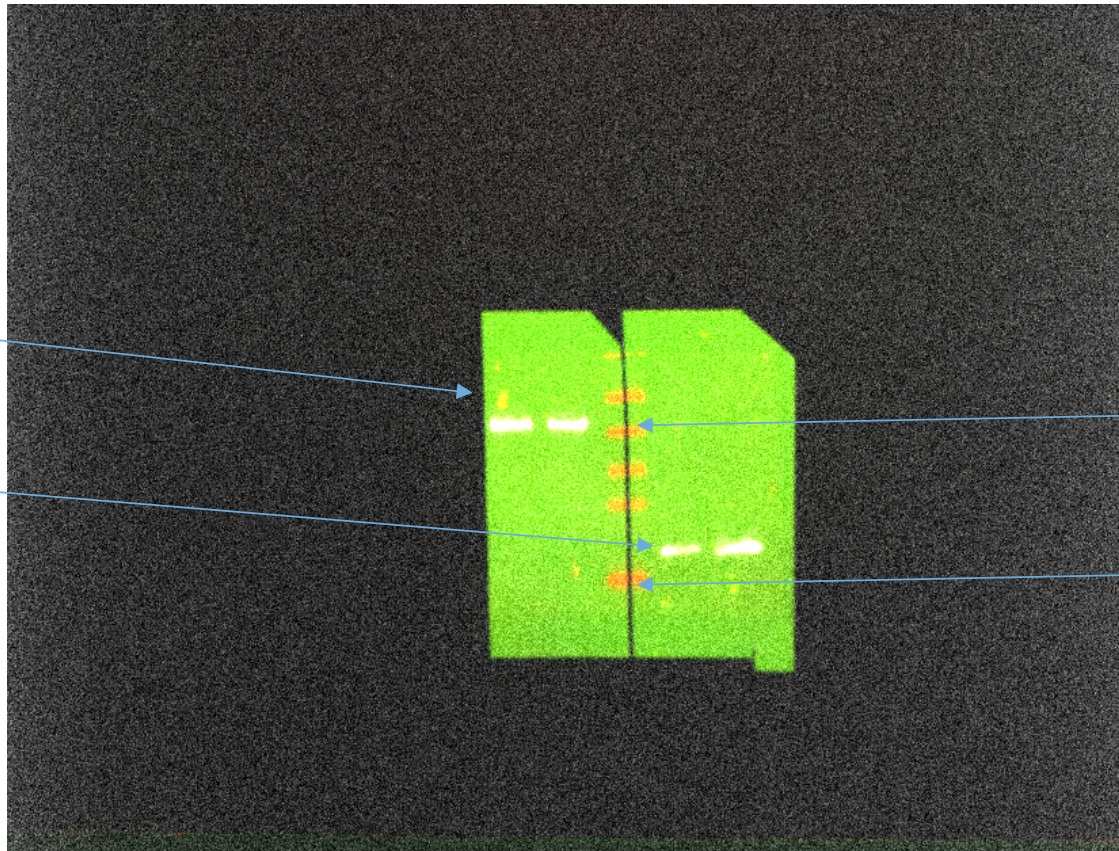
EV, O/E

Actin

CASP3

40KD

15KD



3k-p53

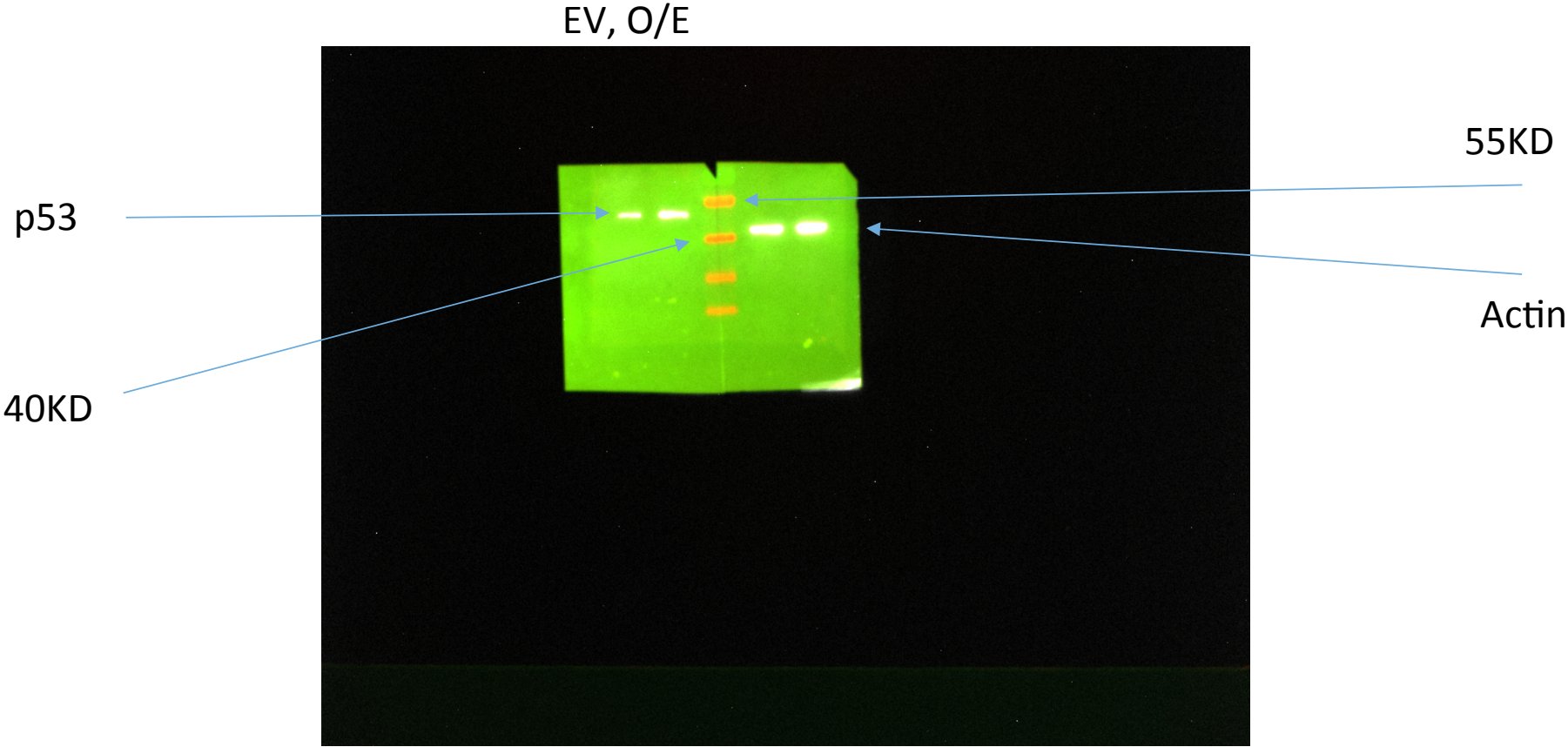


Fig.6a – Repeat-1 A

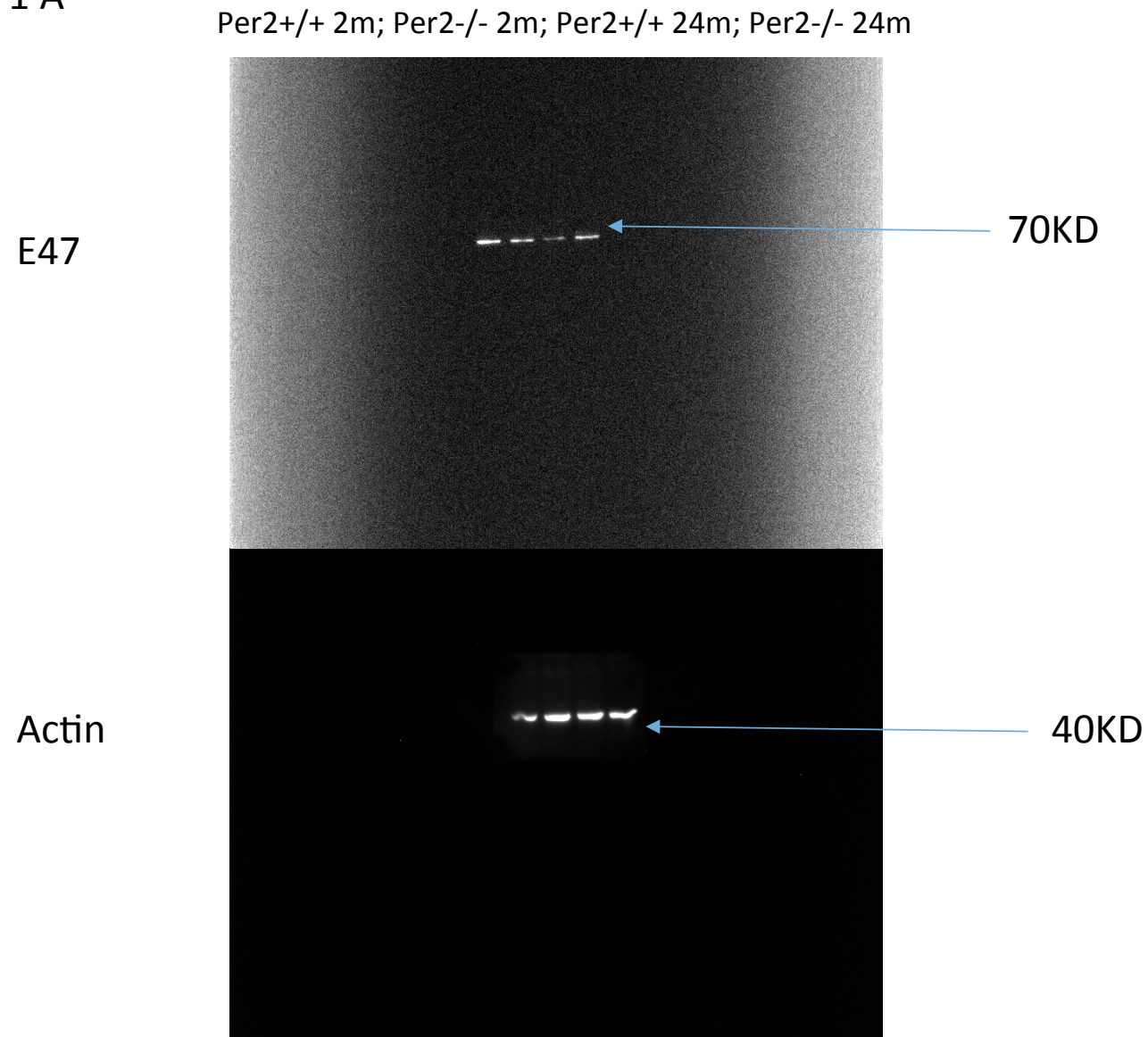


Fig.6a – Repeat-1 B

Per2+/+ 24m; Per2-/- 24m; Per2+/+ 2m; Per2-/- 2m

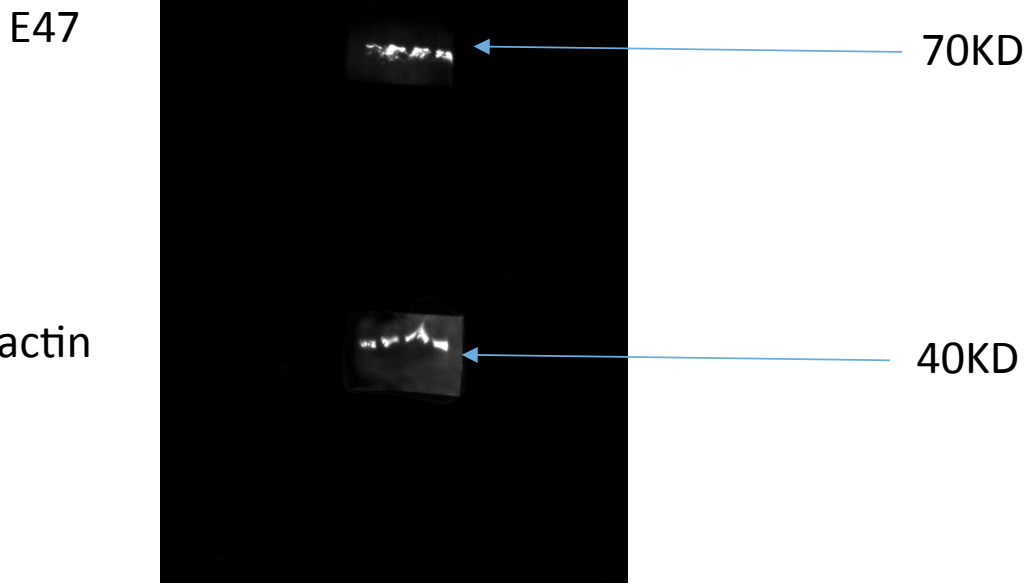
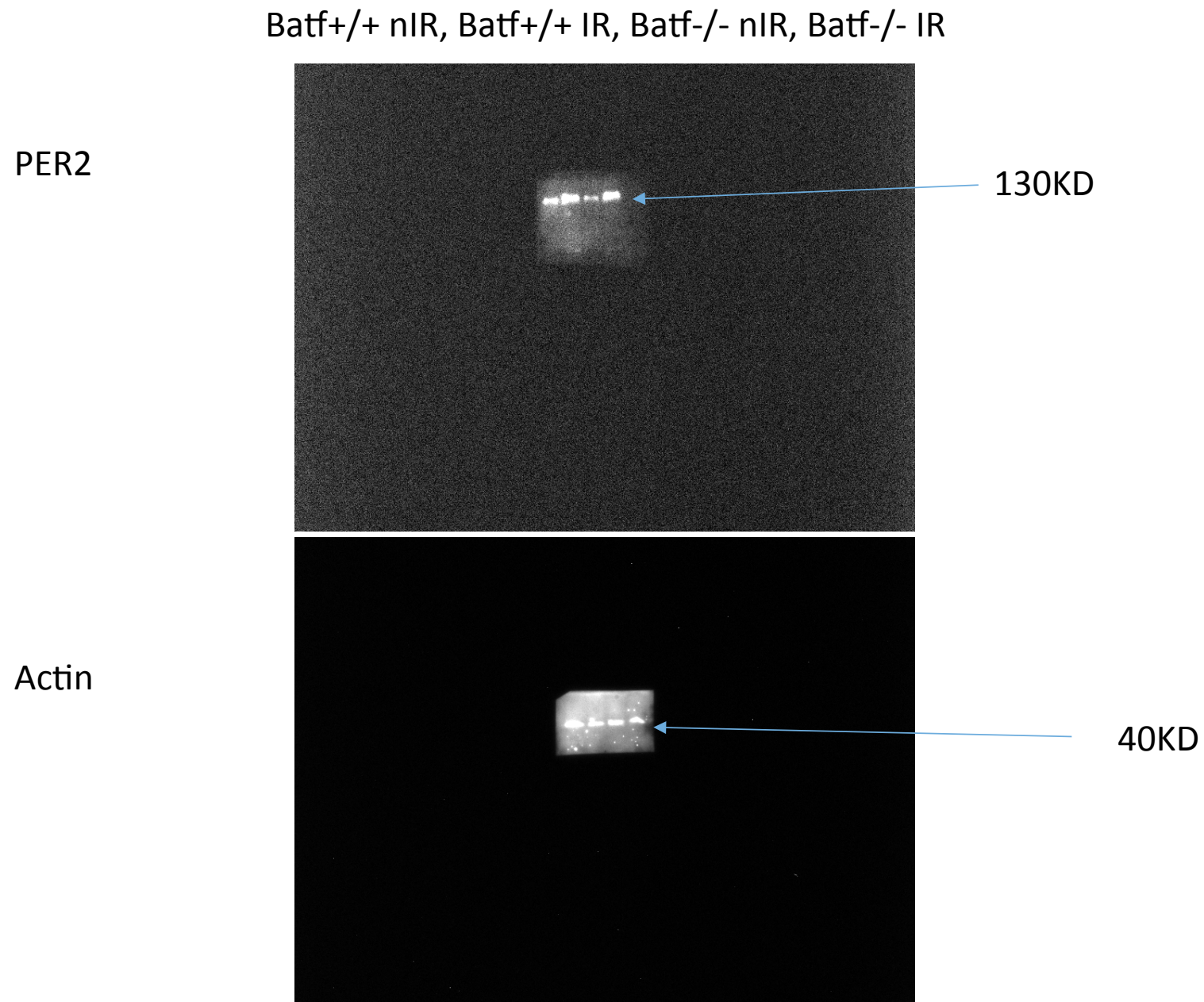


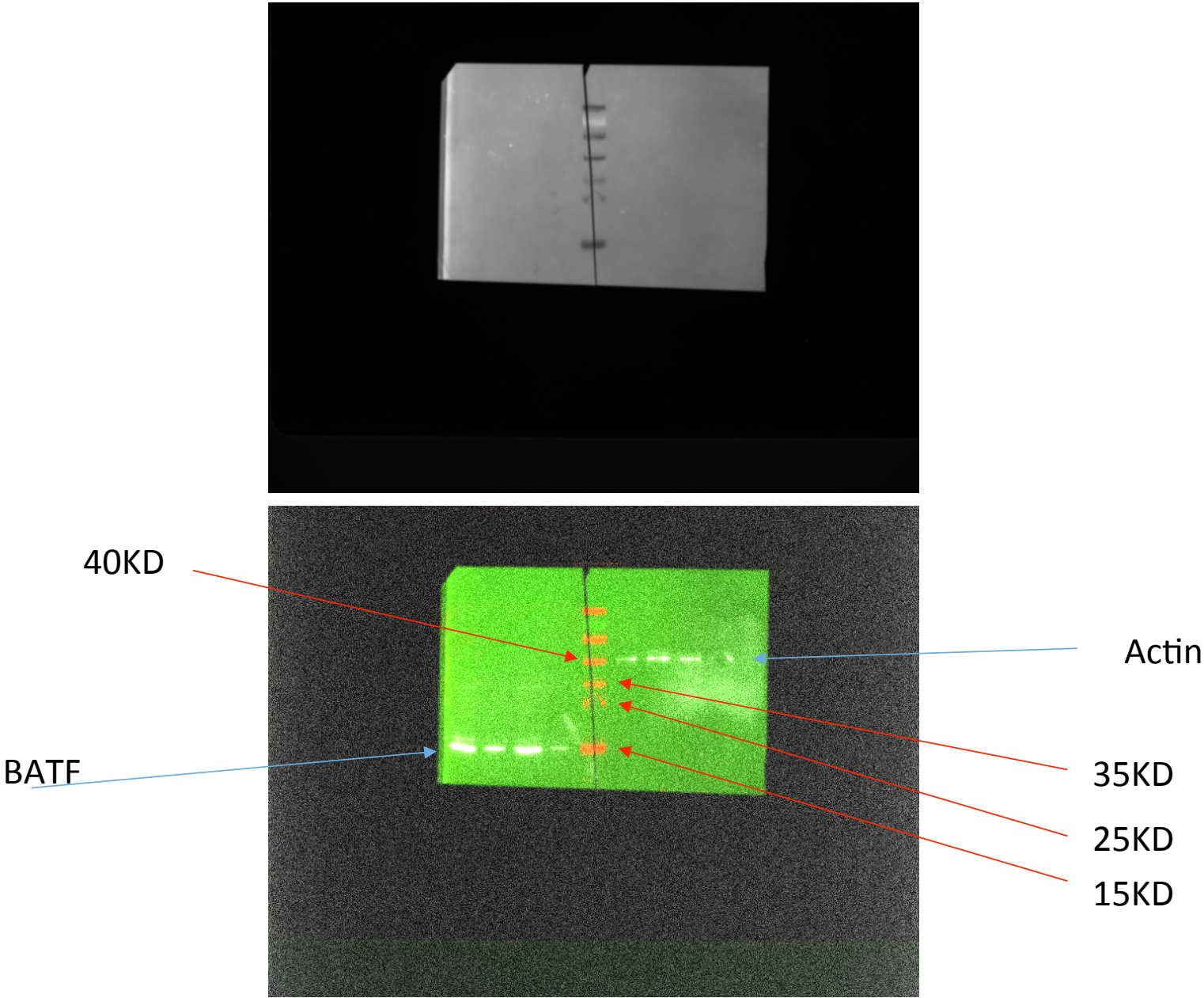
Fig.7b



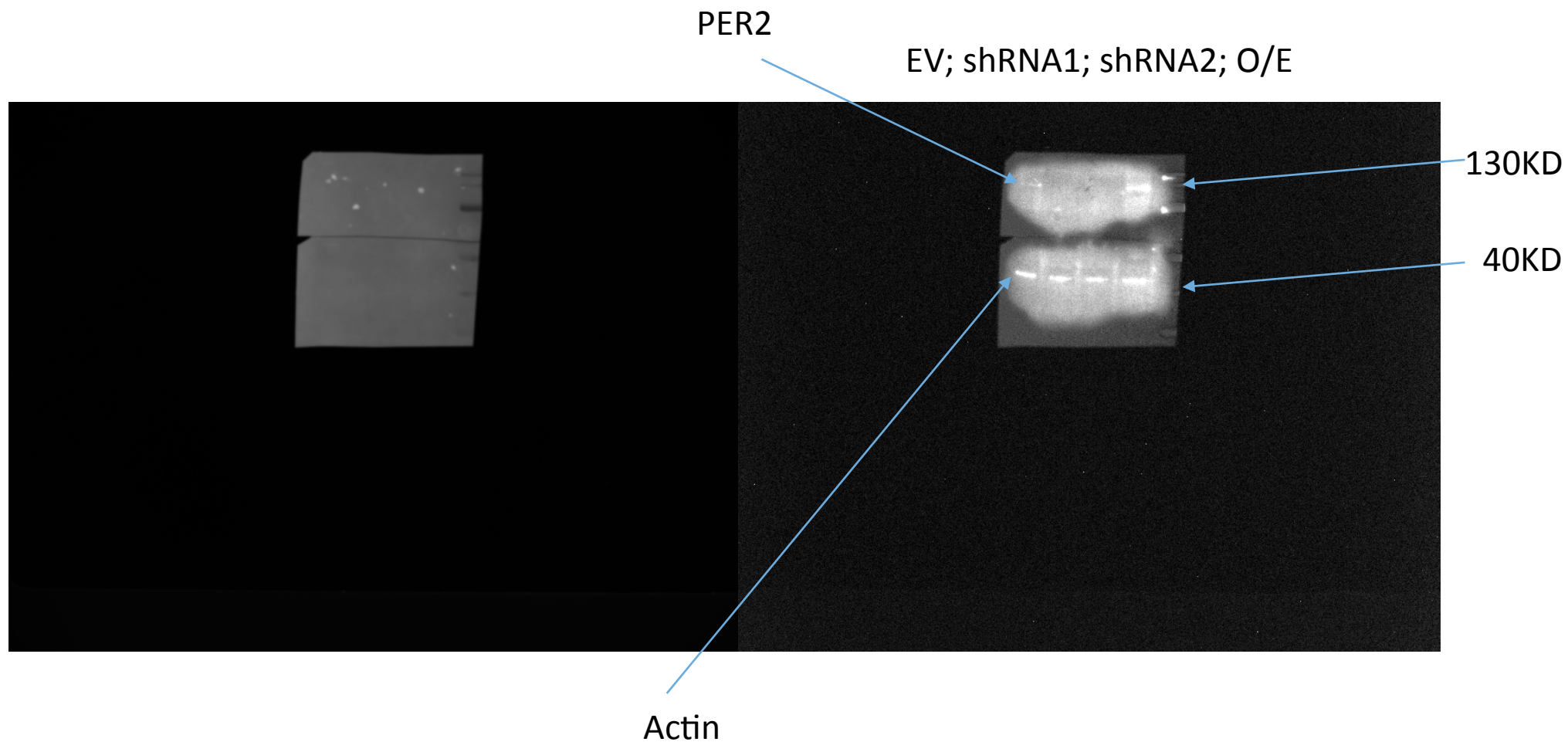
PER2 Antibody: Millipore, A2202

Fig.7C

Per2-/- IR ; Per2-/- nIR; Per2+/+ IR; Per2+/+ nIR



Suppl. Fig. 1a



PER2 antibody: Millipore, A2202