

Fig. 2f

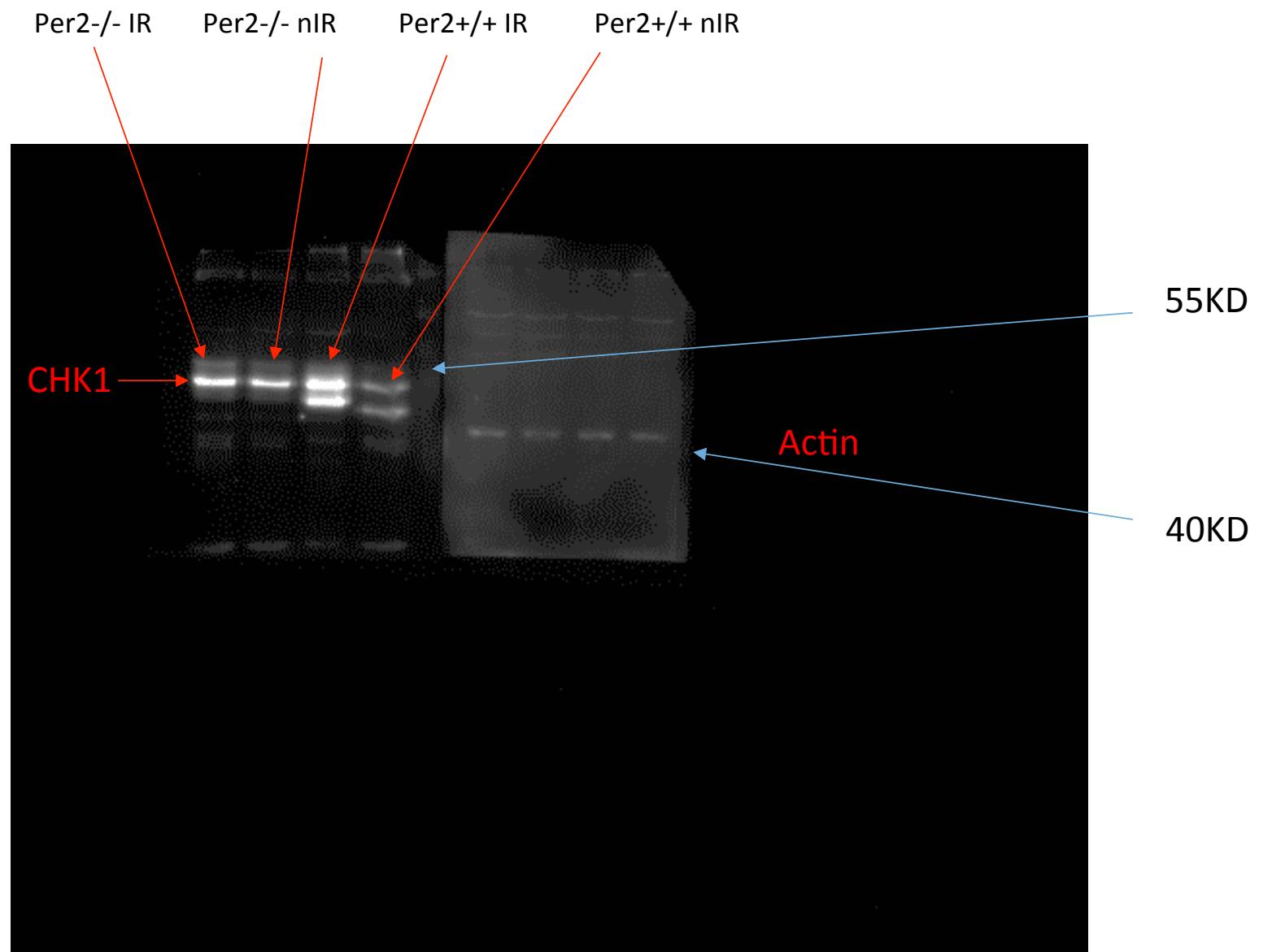


Fig. 2g-Atm

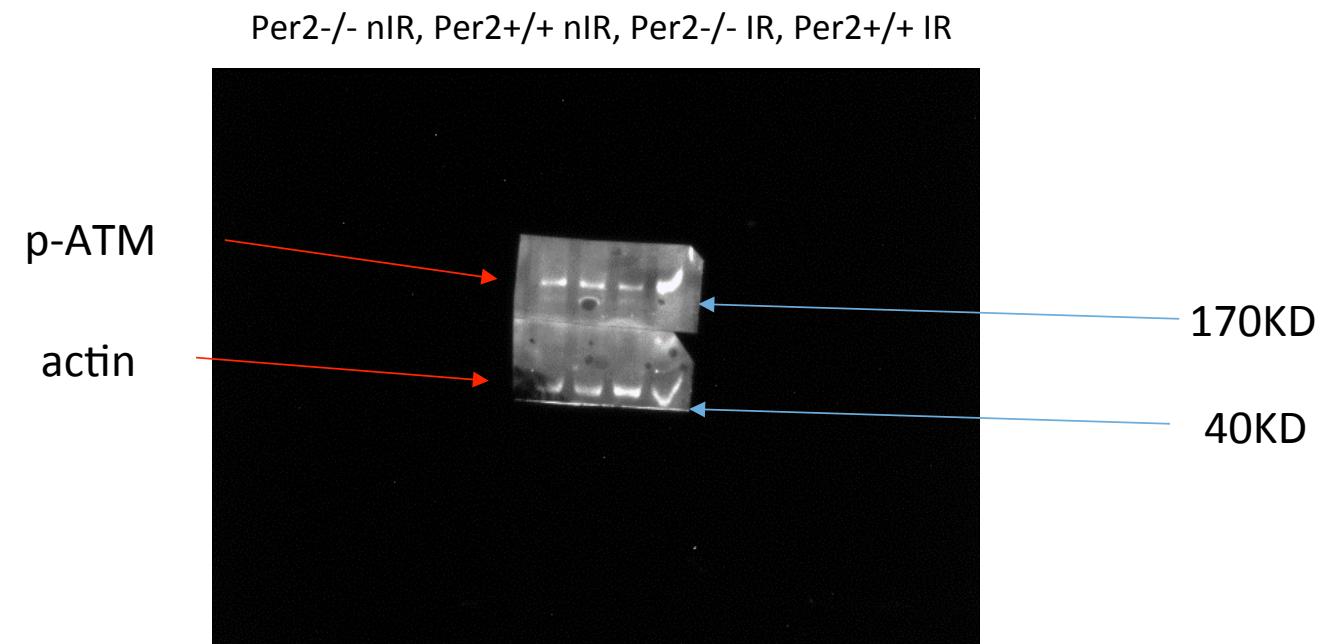


Fig. 2g-Chk2

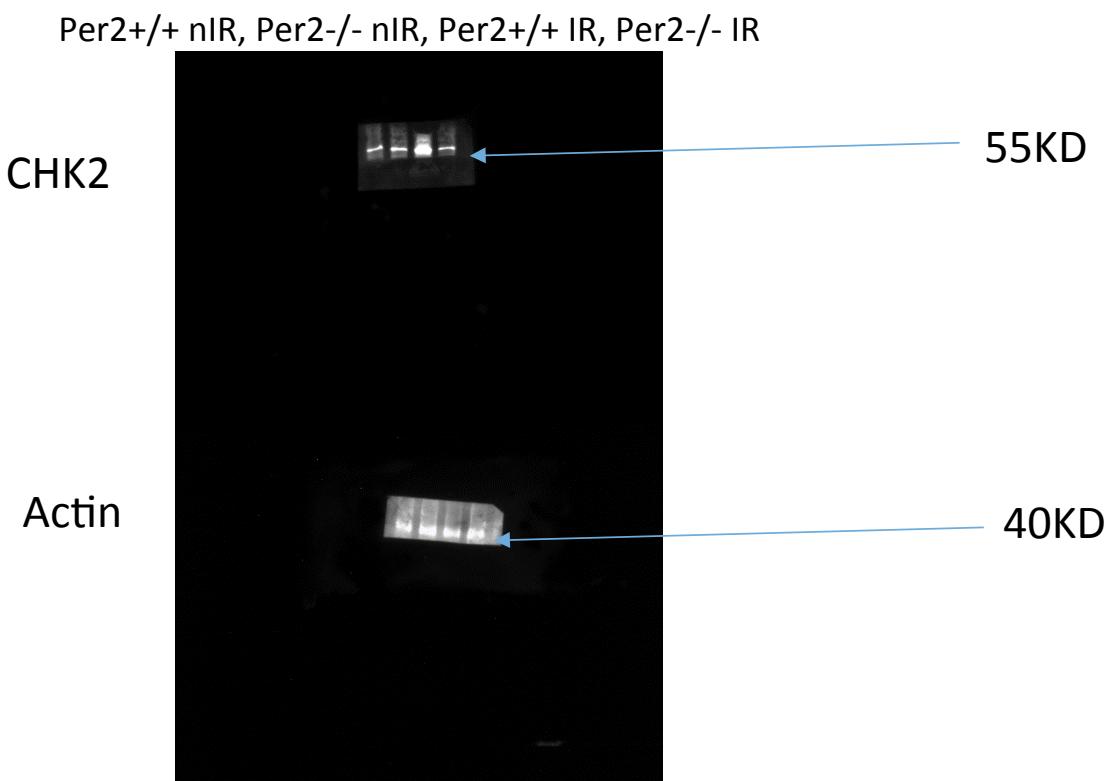


Fig.2h

Per2<sup>+/+</sup> IR, Per2<sup>+/+</sup> nIR, Per2<sup>-/-</sup> IR, Per2<sup>-/-</sup> nIR

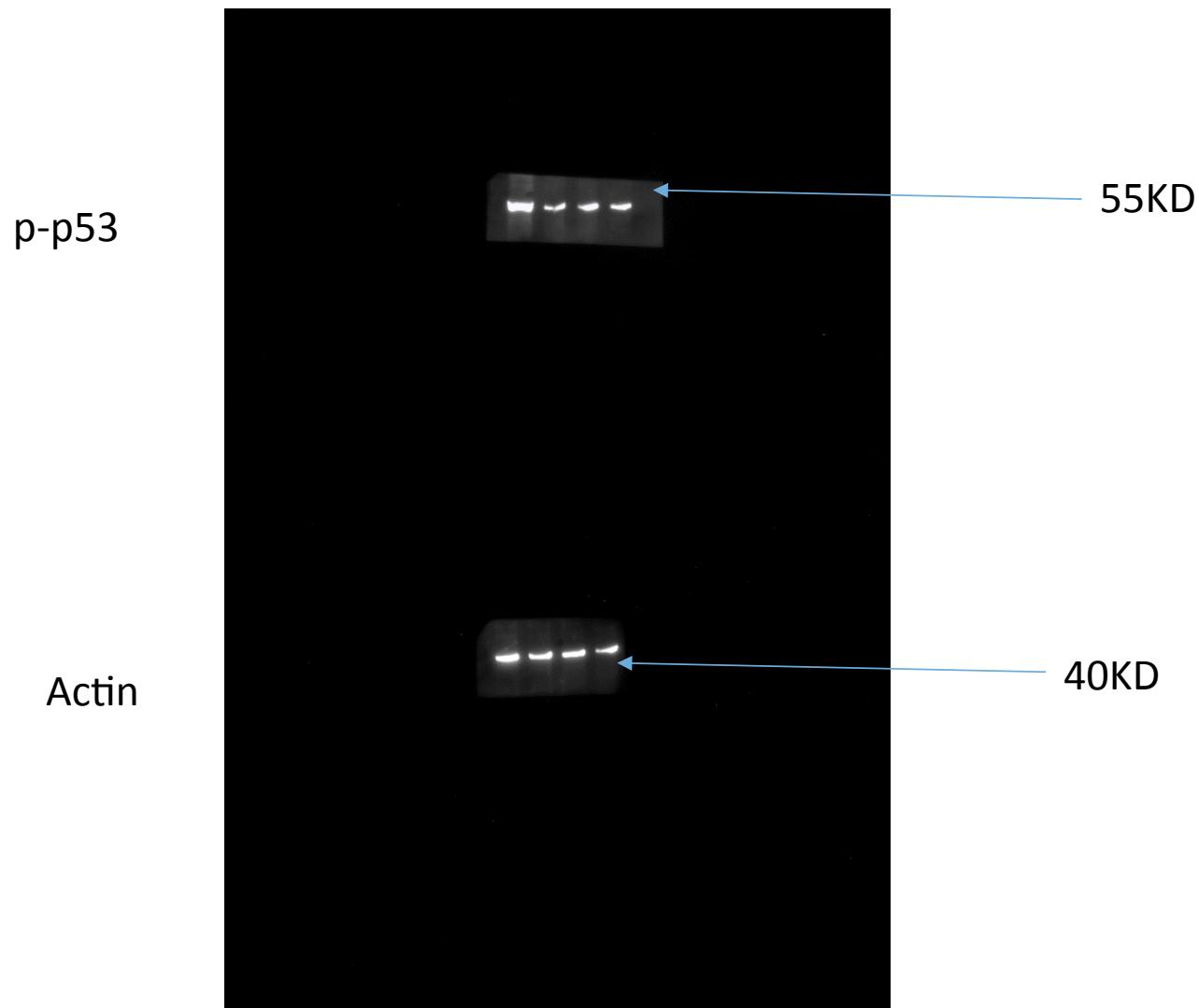
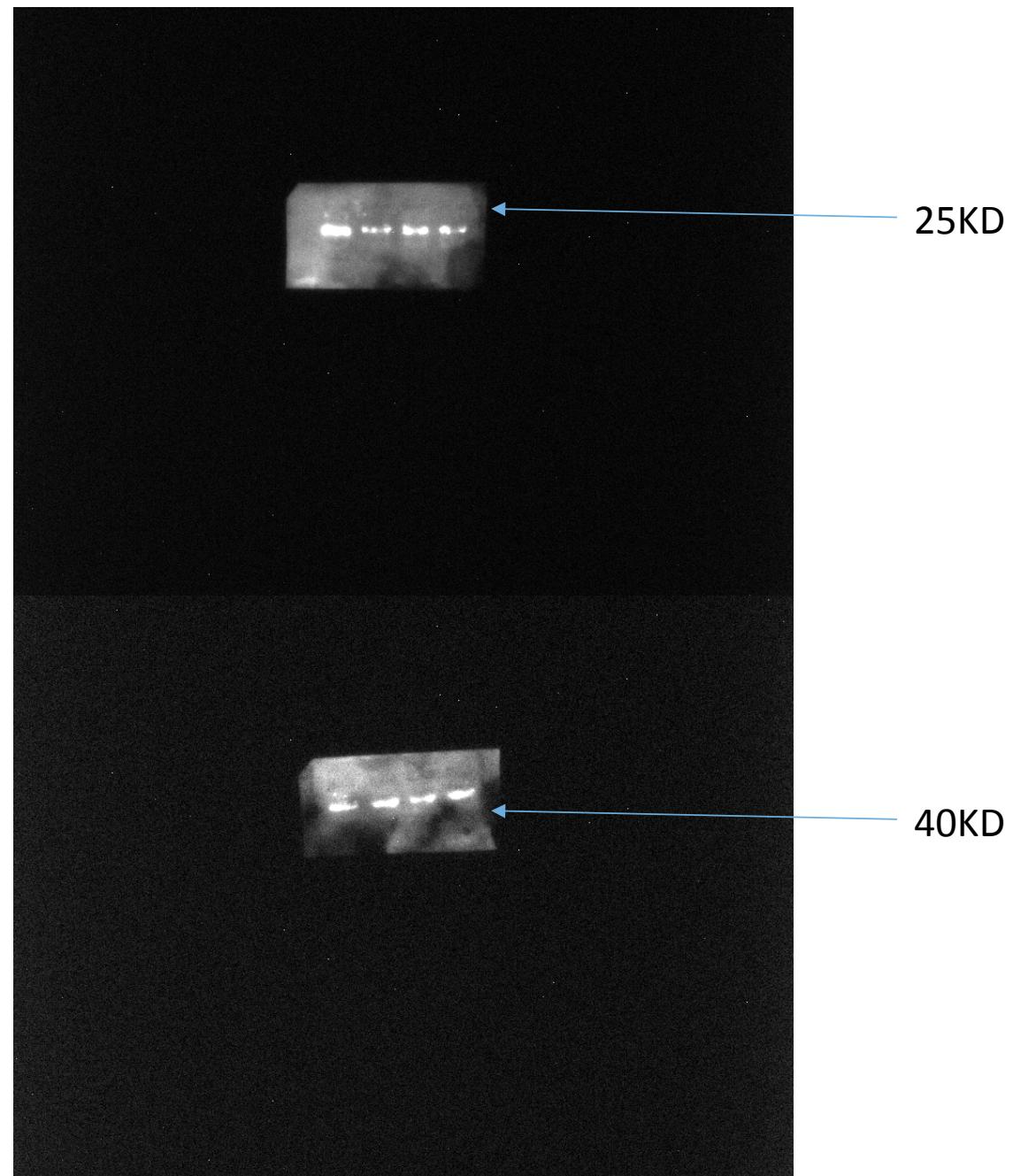


Fig.2h

Per2<sup>+/+</sup> IR, Per2<sup>+/+</sup> nIR, Per2<sup>-/-</sup> IR, Per2<sup>-/-</sup> nIR

p21



Actin

Fig.2h

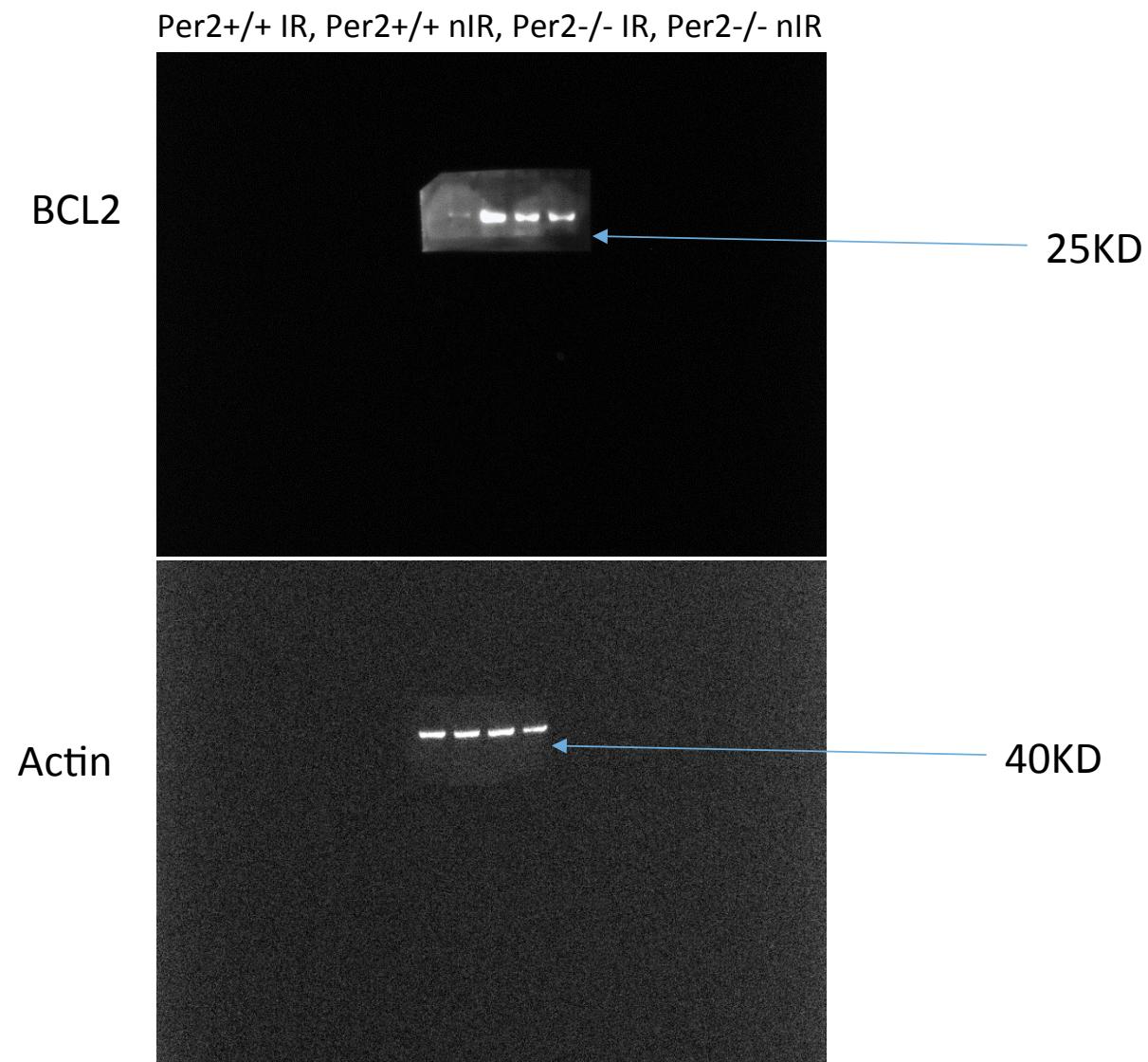


Fig.2h

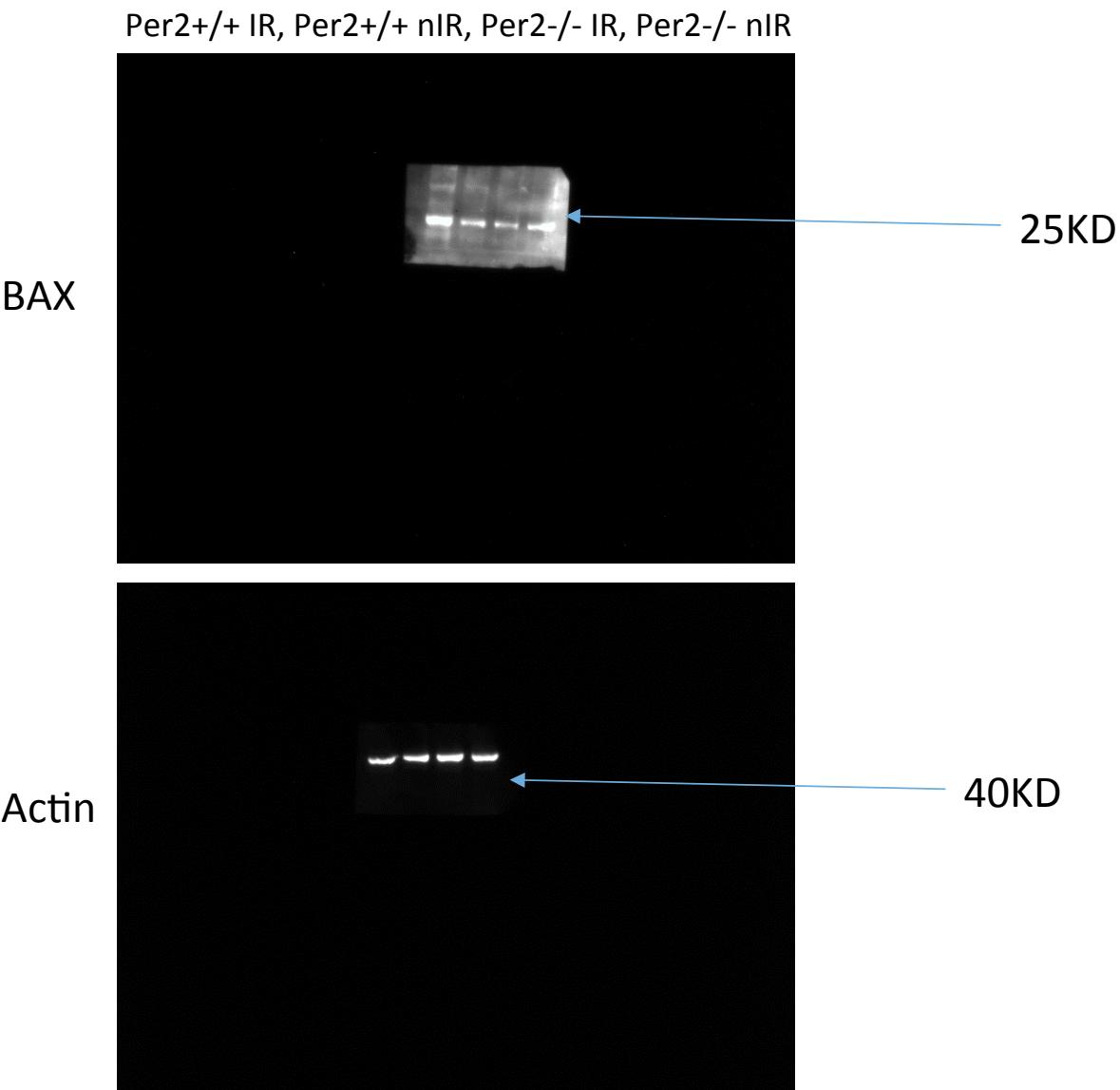
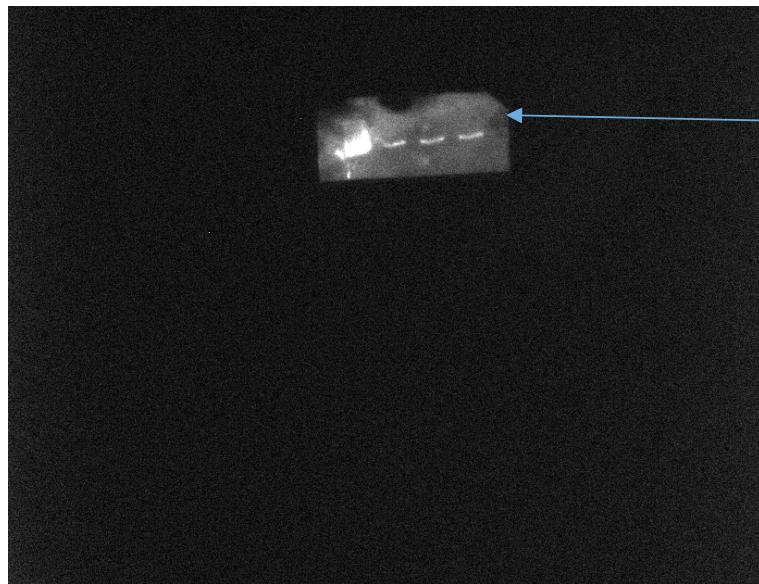


Fig.2h

Per2<sup>+/+</sup> IR, Per2<sup>+/+</sup> nIR, Per2<sup>-/-</sup> IR, Per2<sup>-/-</sup> nIR

PUMA



Actin

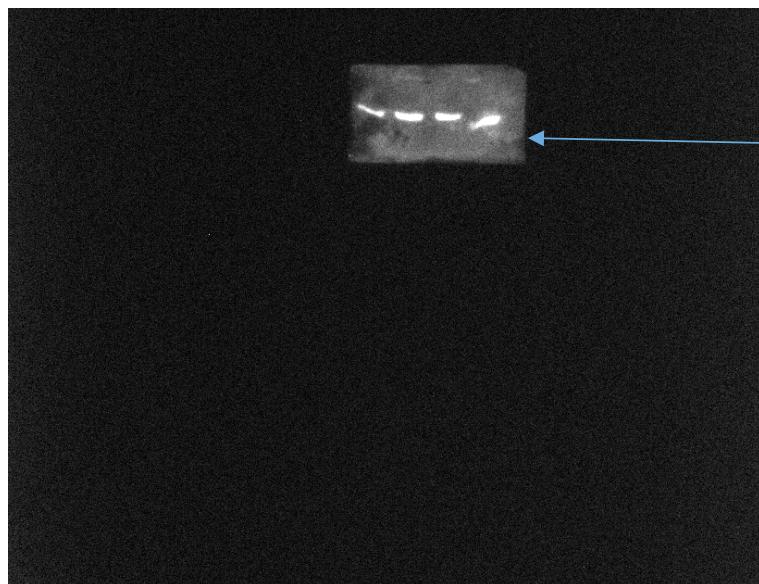


Fig.2h

Per2<sup>+/+</sup> IR, Per2<sup>+/+</sup> nIR, Per2<sup>-/-</sup> IR, Per2<sup>-/-</sup> nIR

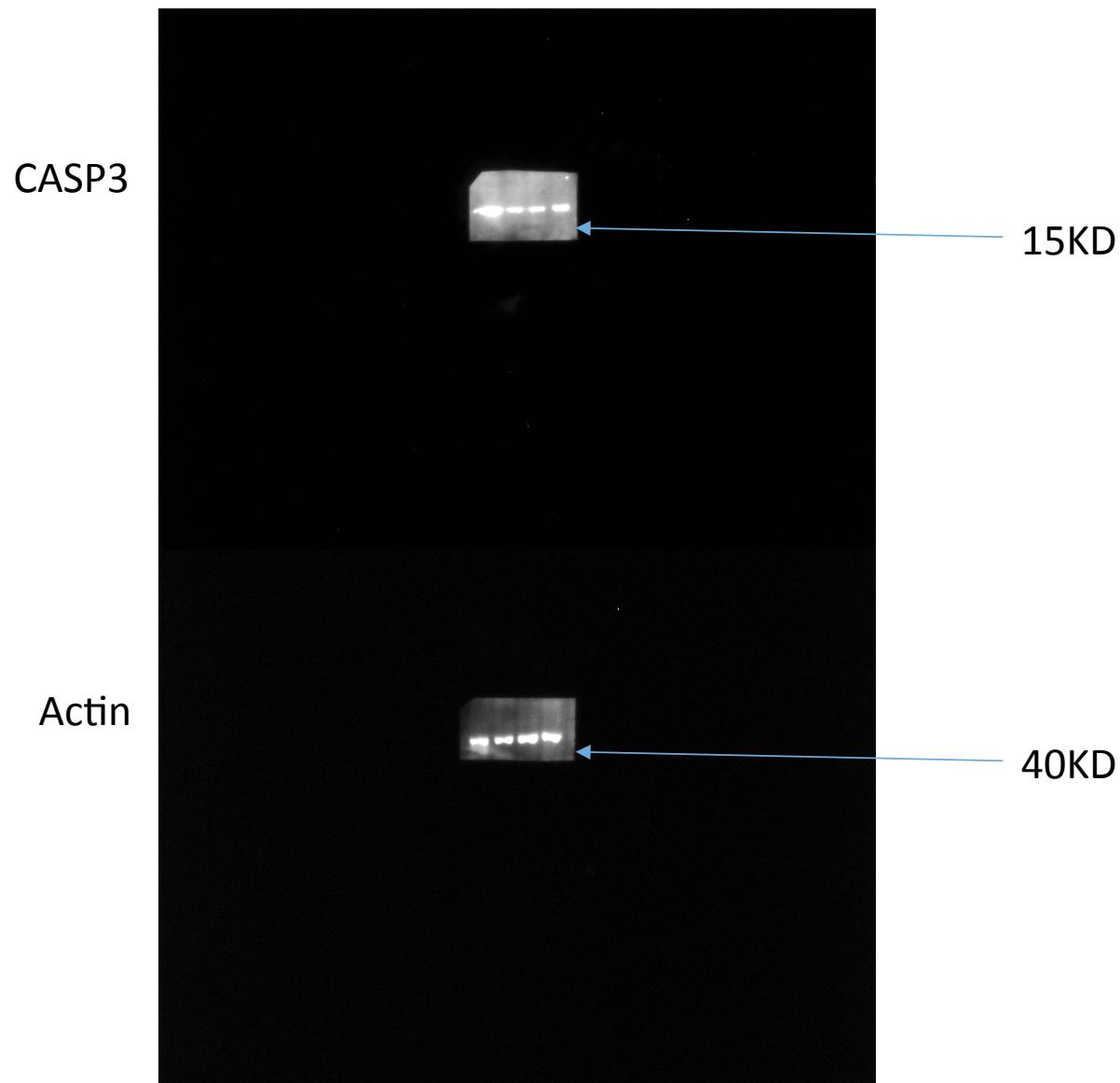
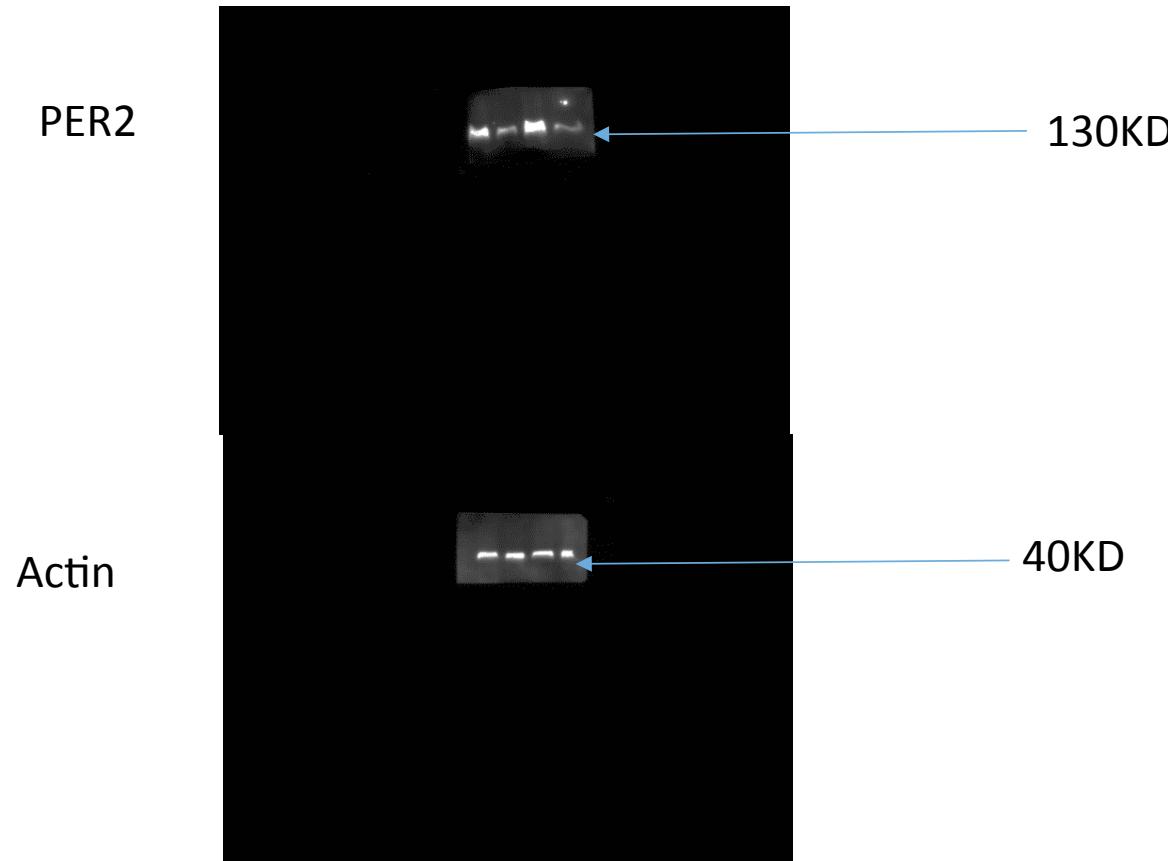


Fig. 3b

p53-/- IR, p53-/- nIR, p53+/+ IR, p53+/+ nIR



PER2 antibody: Millipore A2202

Fig. 3C

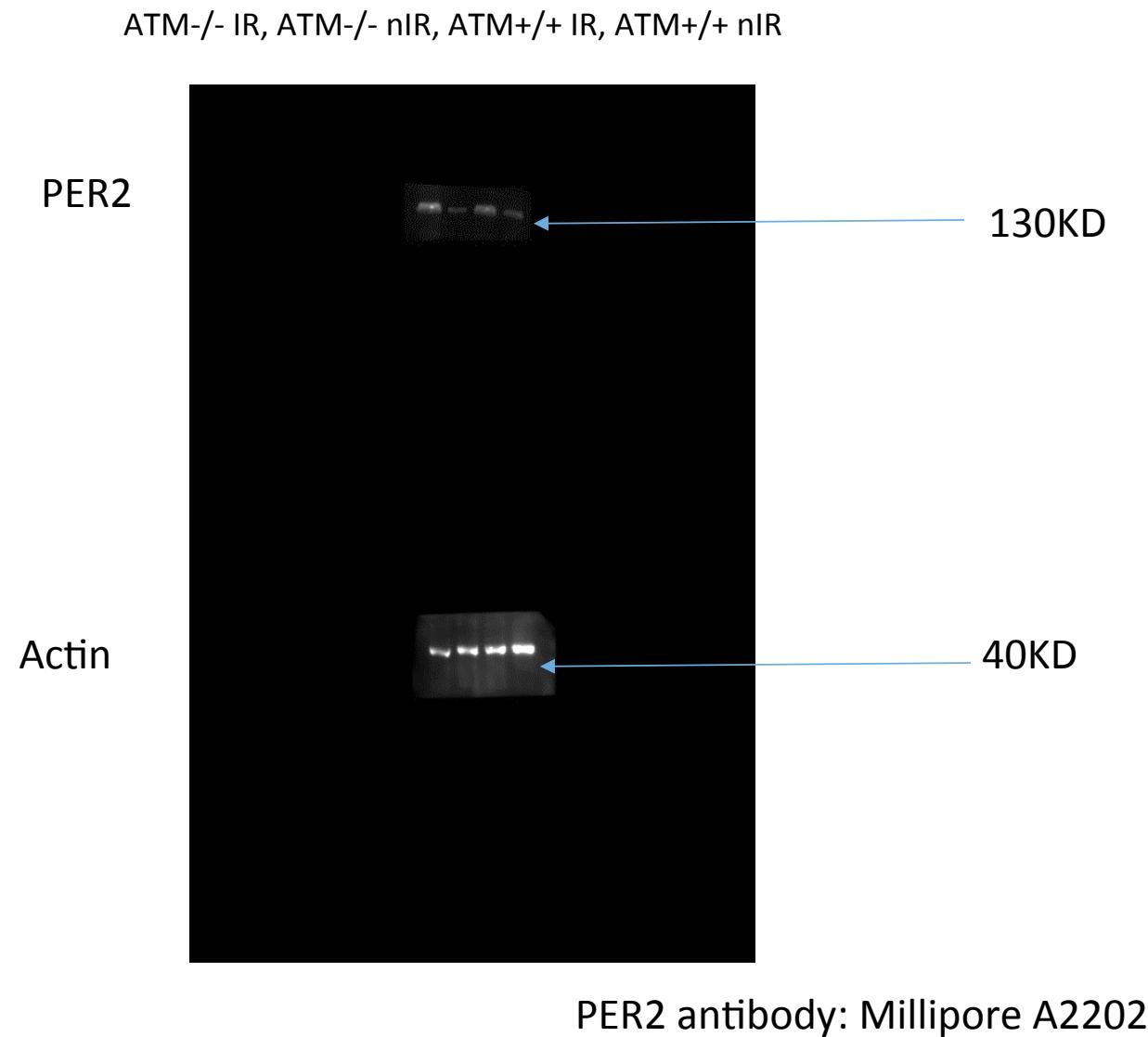
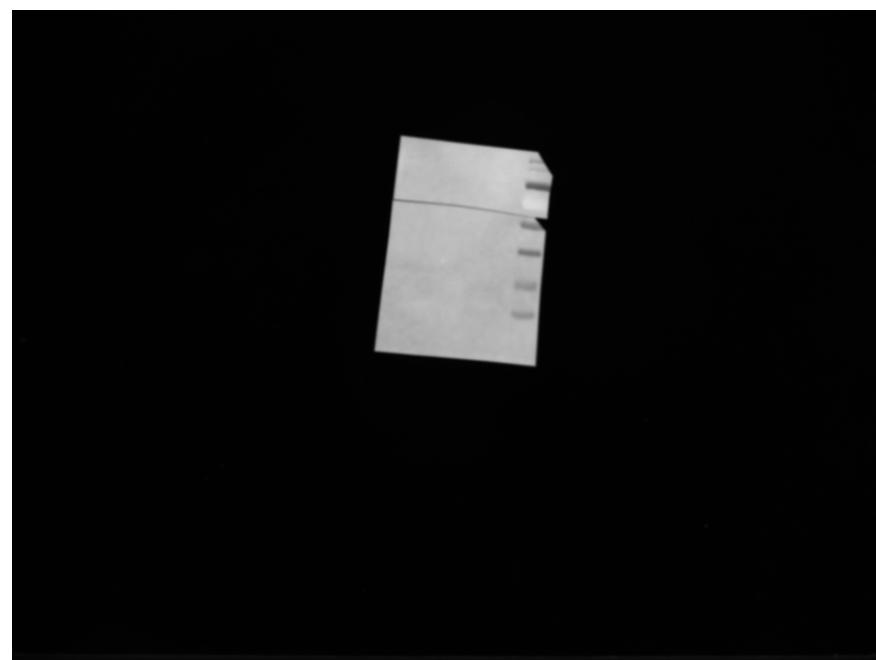
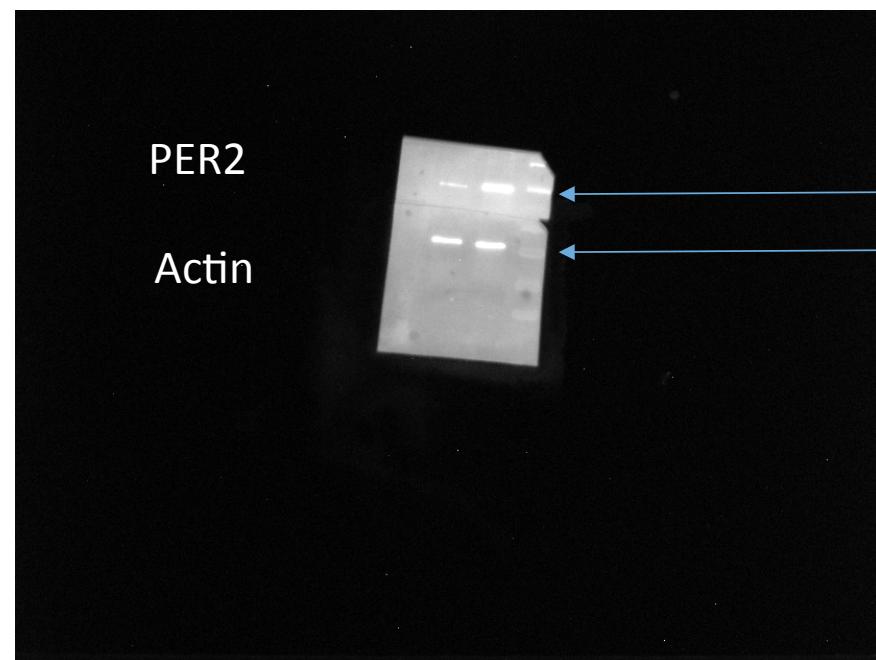


Fig. 3g

Repeat-1 A



2 months; 30 months

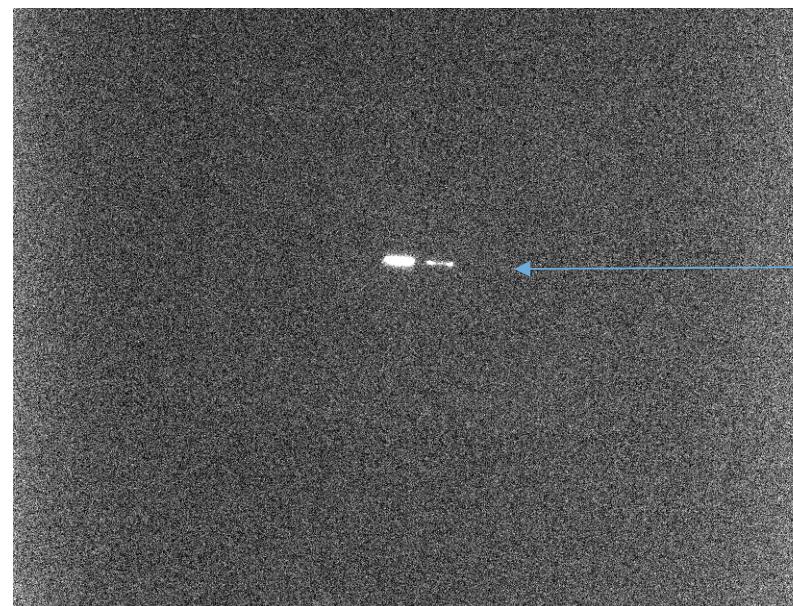


PER2 Antibody: BD transduction, 611138

Fig.3g Repeat-1 B

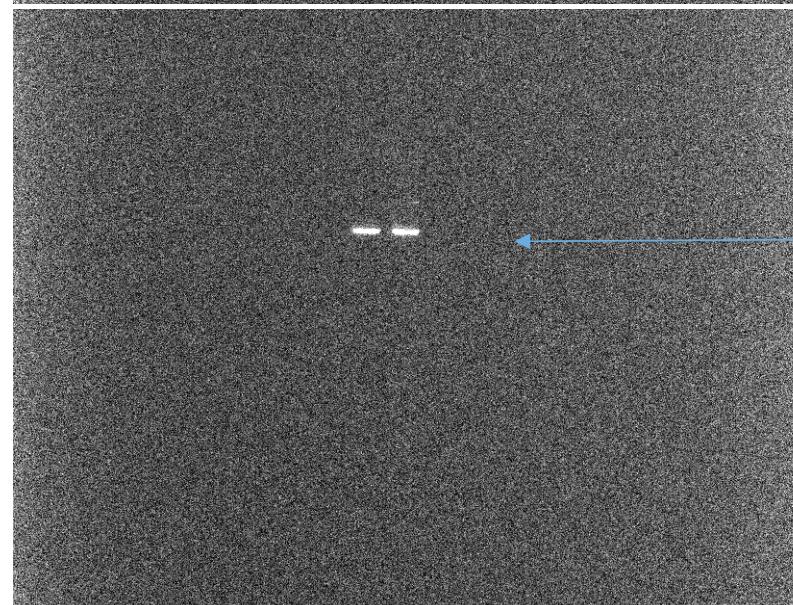
30 months; 2 months

PER2



100KD

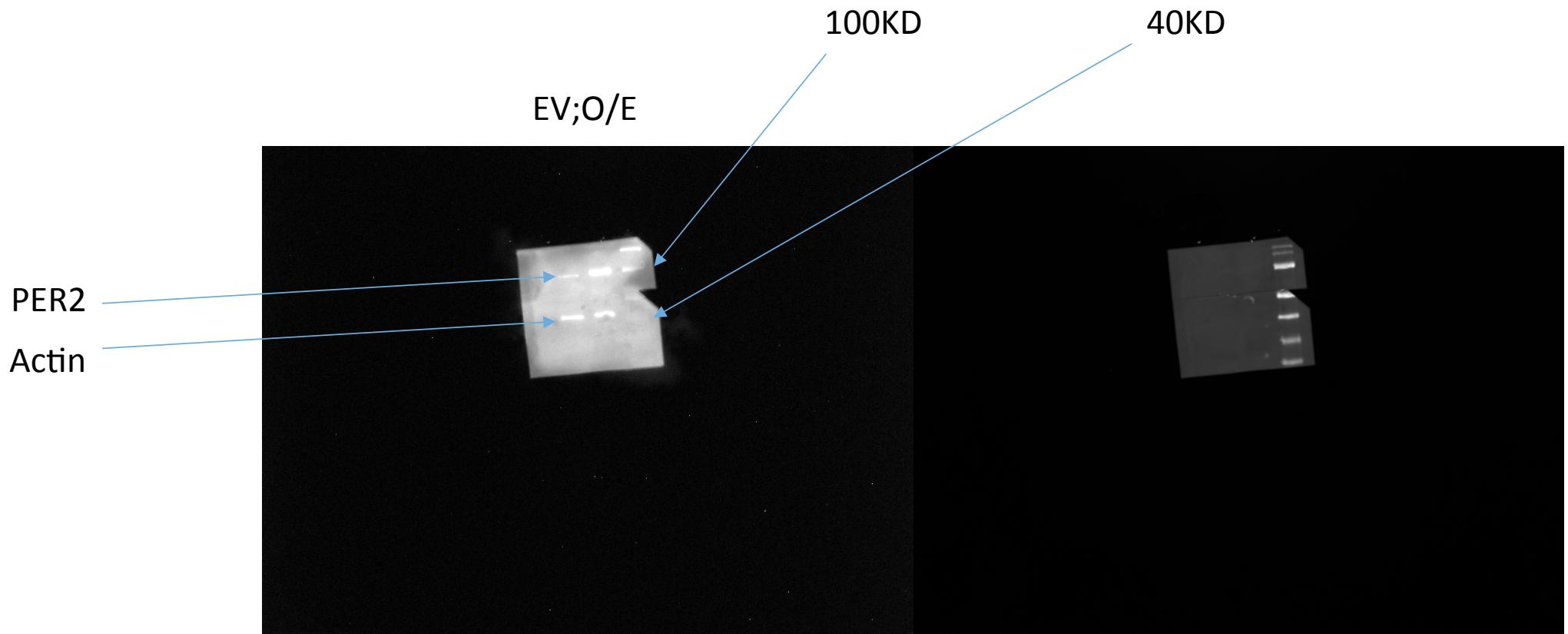
Actin



40KD

PER2 Antibody: BD transduction, 611138

Fig. 3k-Per2



PER2 antibody: BD Transduction, 611138

Fig. 3k-p21

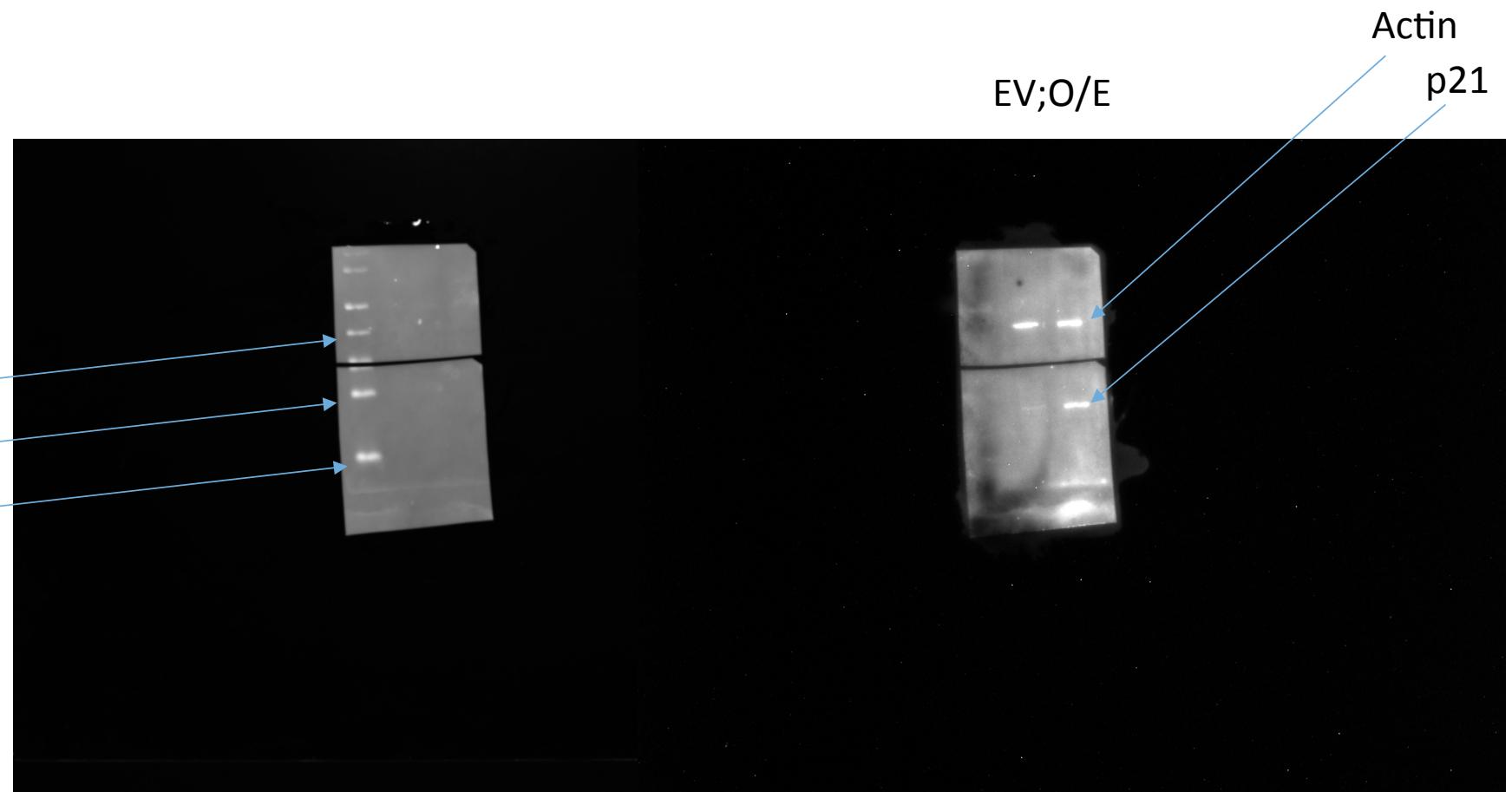
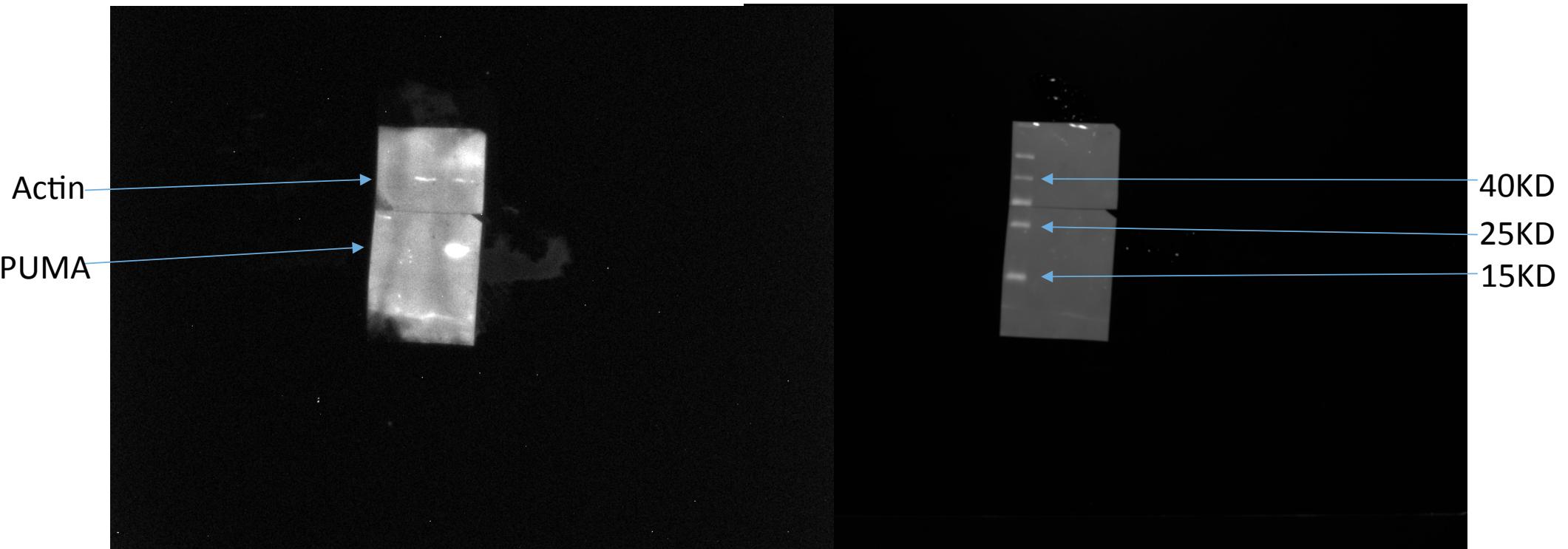


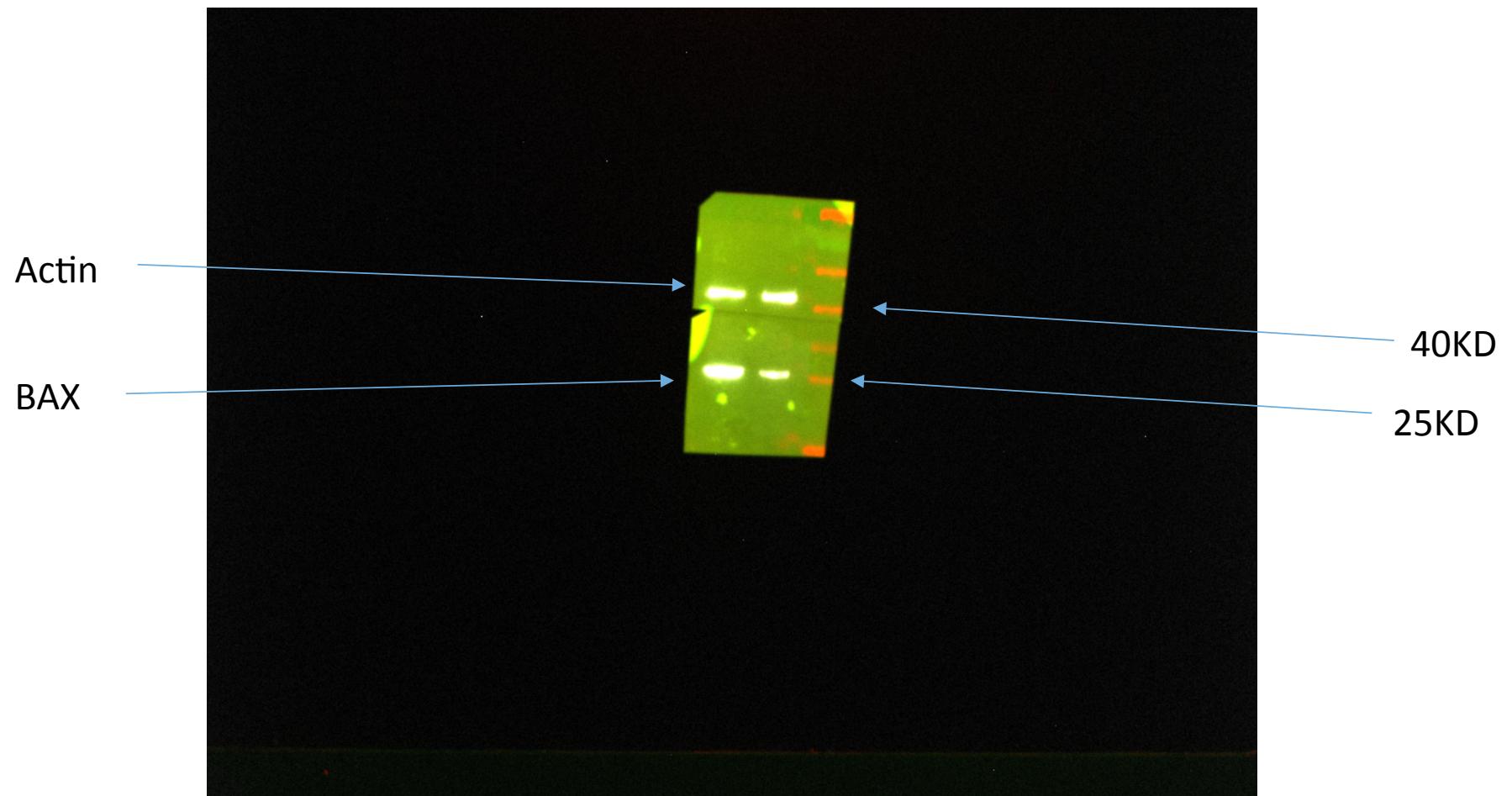
Fig. 3k-puma

EV;O/E



3k-Bax

O/E, EV



3k-Bcl2

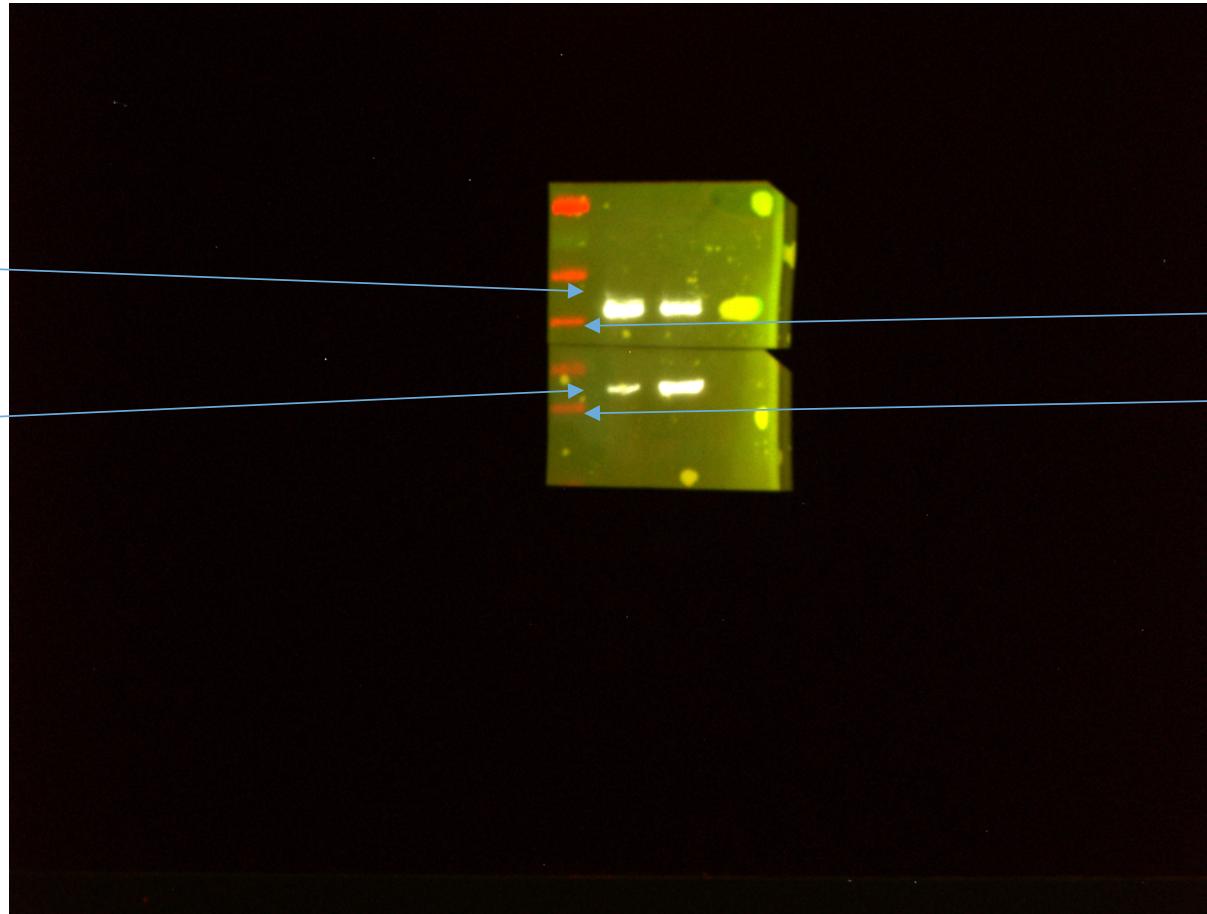
O/E, EV

Actin

BCL2

40KD

25KD



3k-Casp3

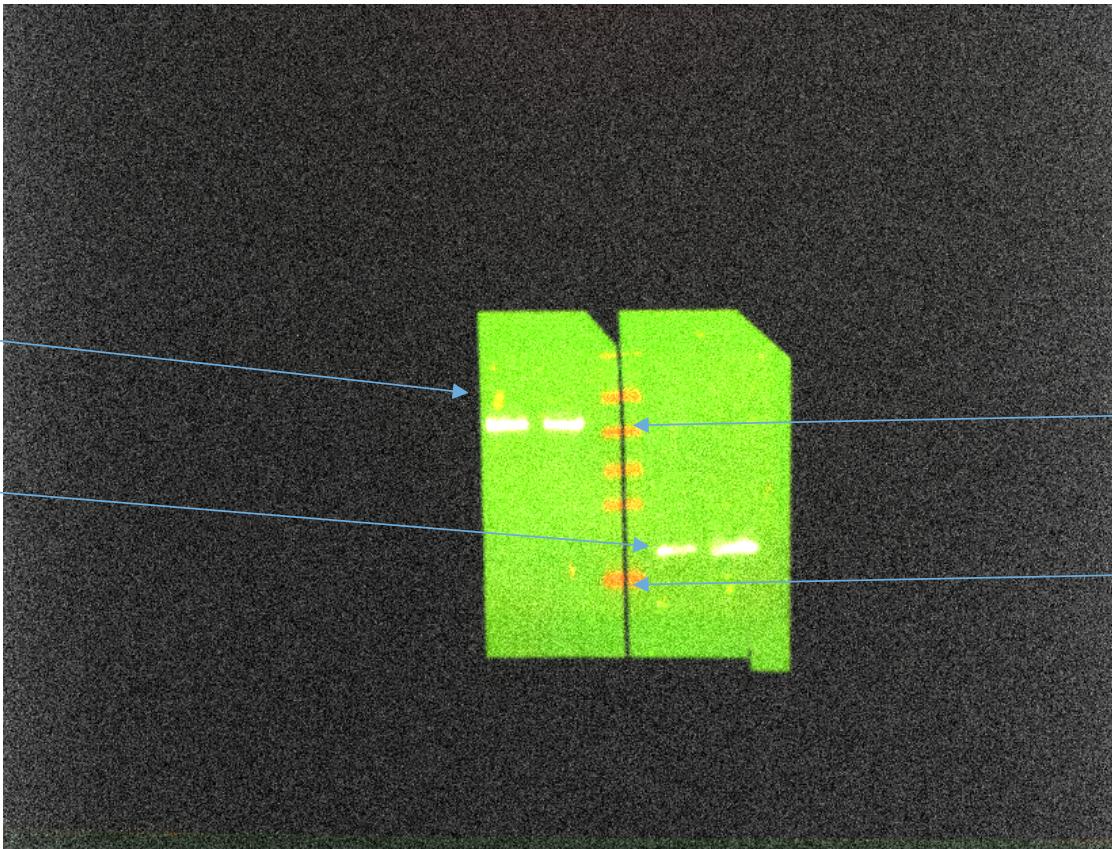
EV, O/E

Actin

CASP3

40KD

15KD



3k-p53

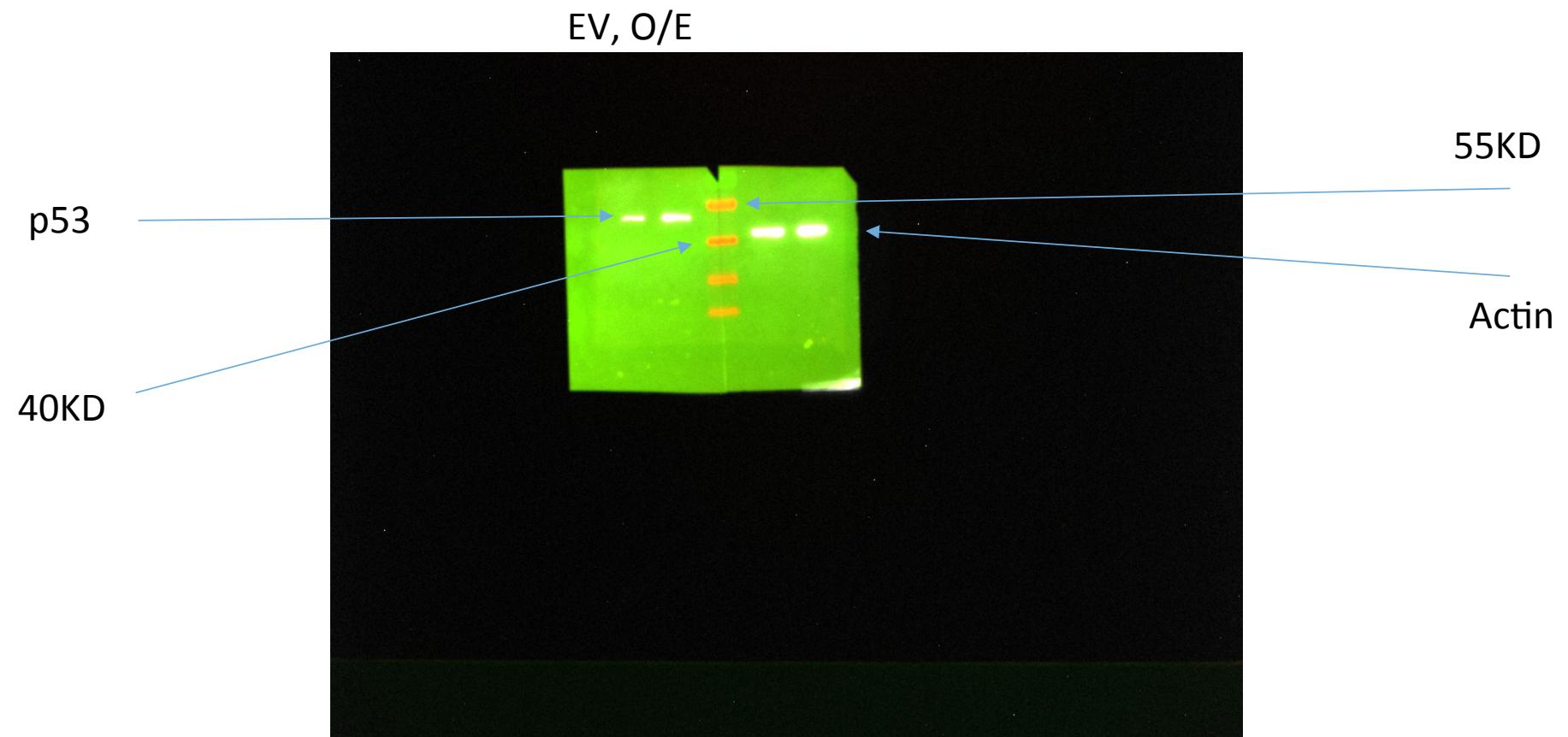


Fig.6a – Repeat-1 A

Per2<sup>+/+</sup> 2m; Per2<sup>-/-</sup> 2m; Per2<sup>+/+</sup> 24m; Per2<sup>-/-</sup> 24m

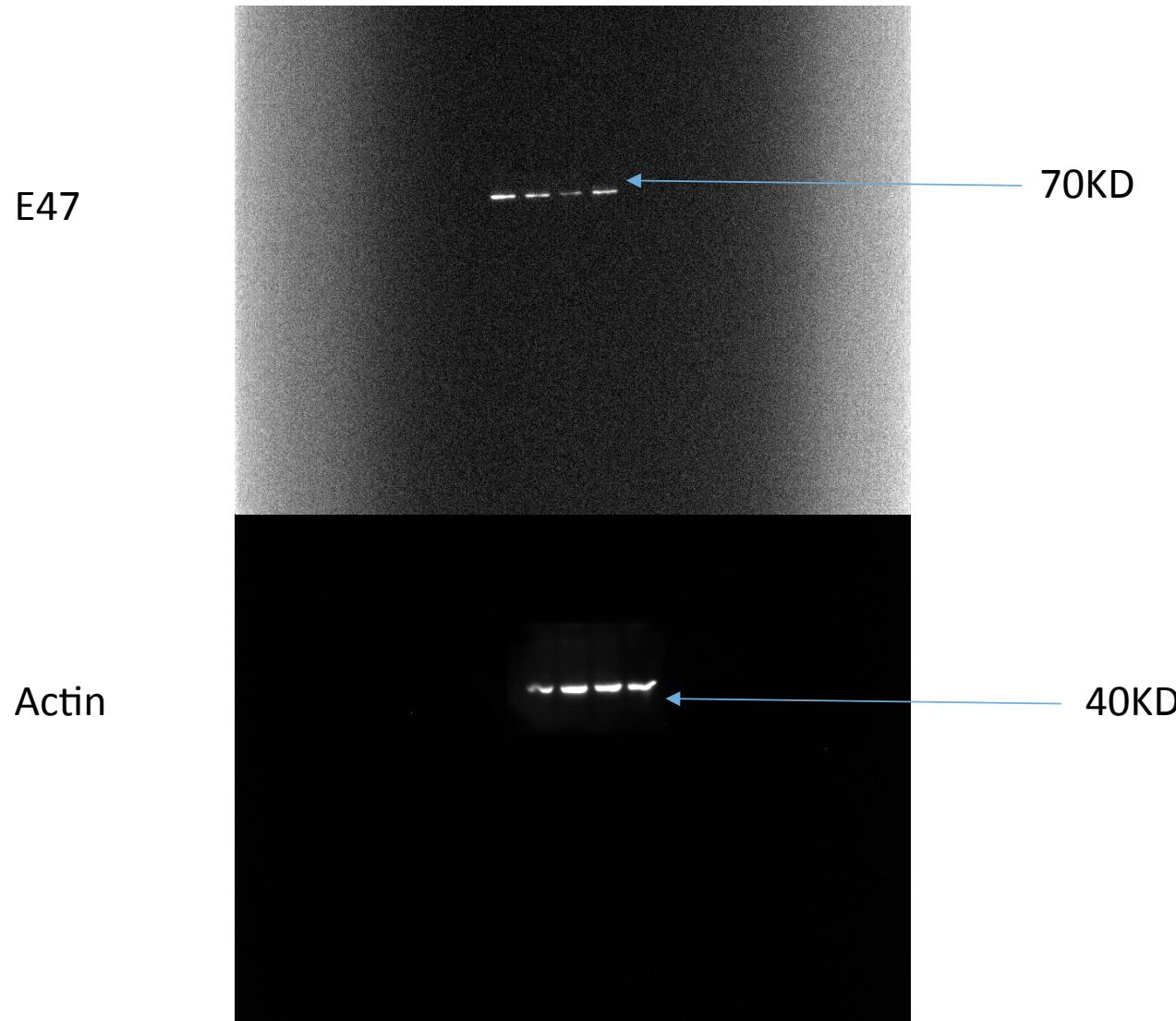


Fig.6a – Repeat-1 B

Per2<sup>+/+</sup> 24m; Per2<sup>-/-</sup> 24m; Per2<sup>+/+</sup> 2m; Per2<sup>-/-</sup> 2m

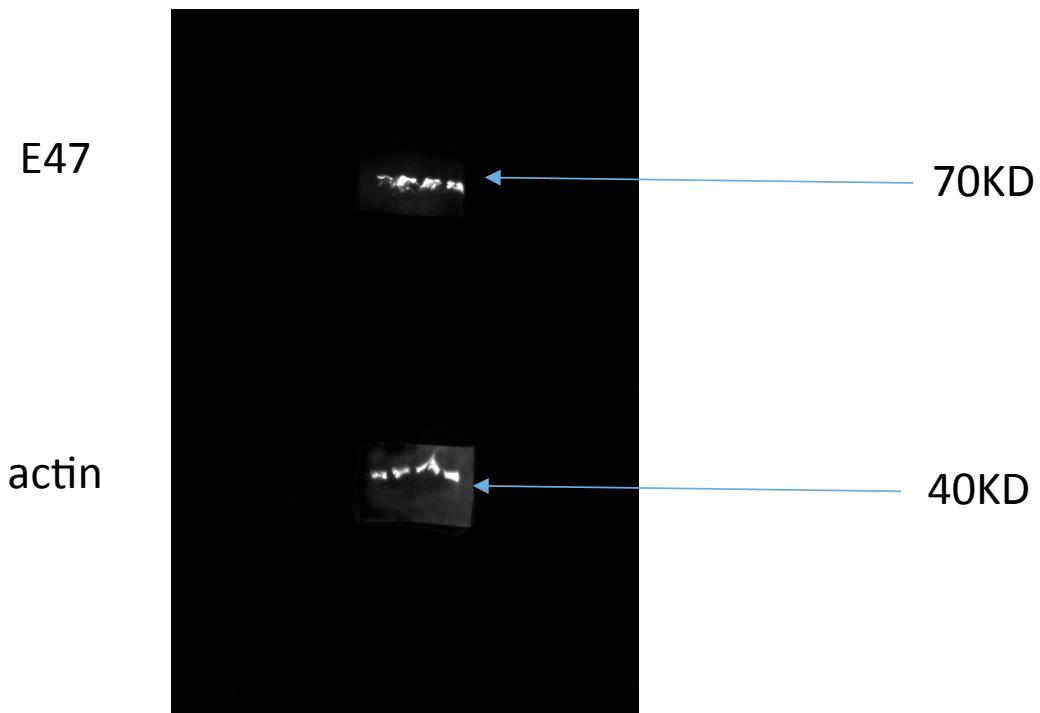


Fig.7b

Batf<sup>+/+</sup> nIR, Batf<sup>+/+</sup> IR, Batf<sup>-/-</sup> nIR, Batf<sup>-/-</sup> IR

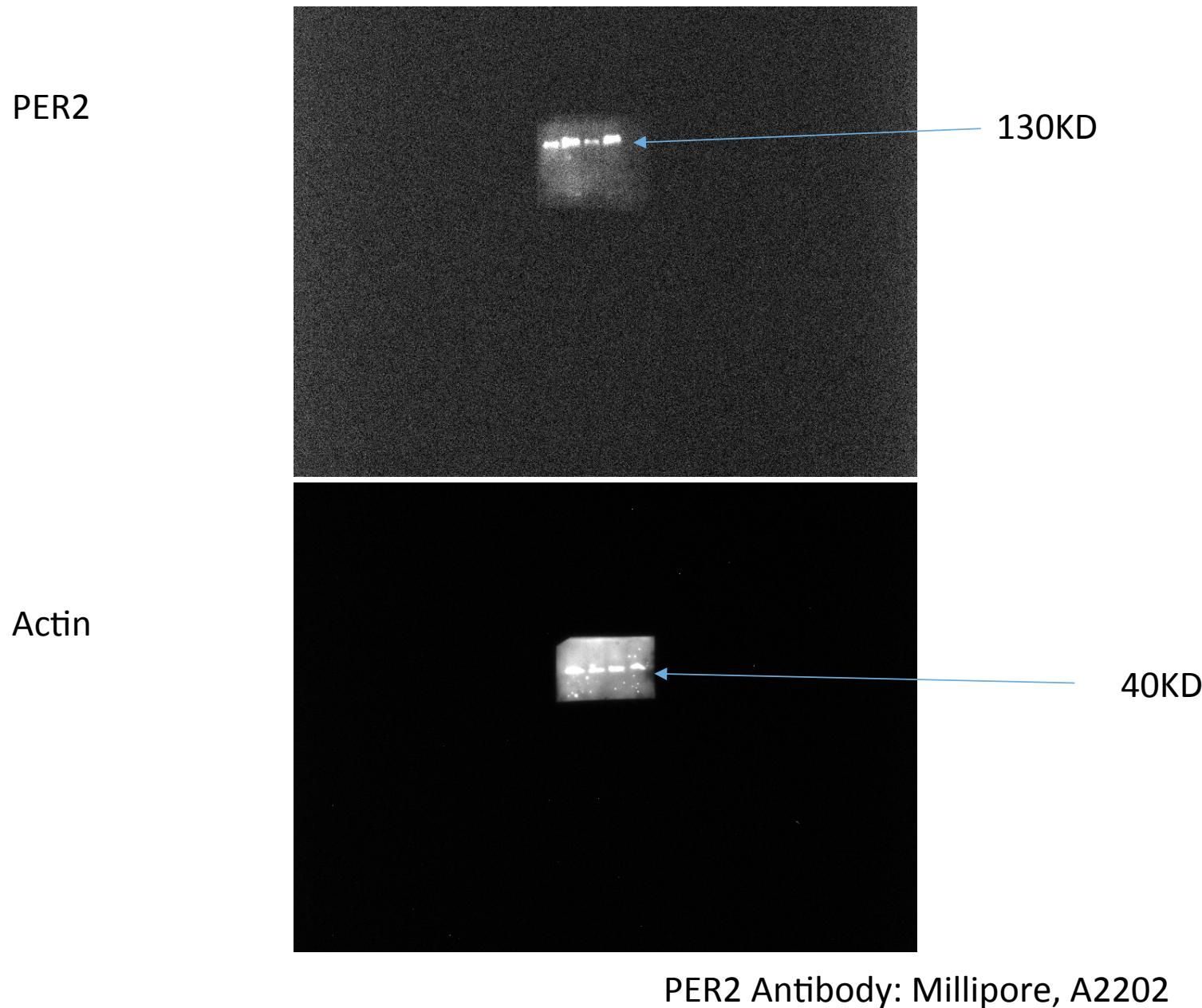
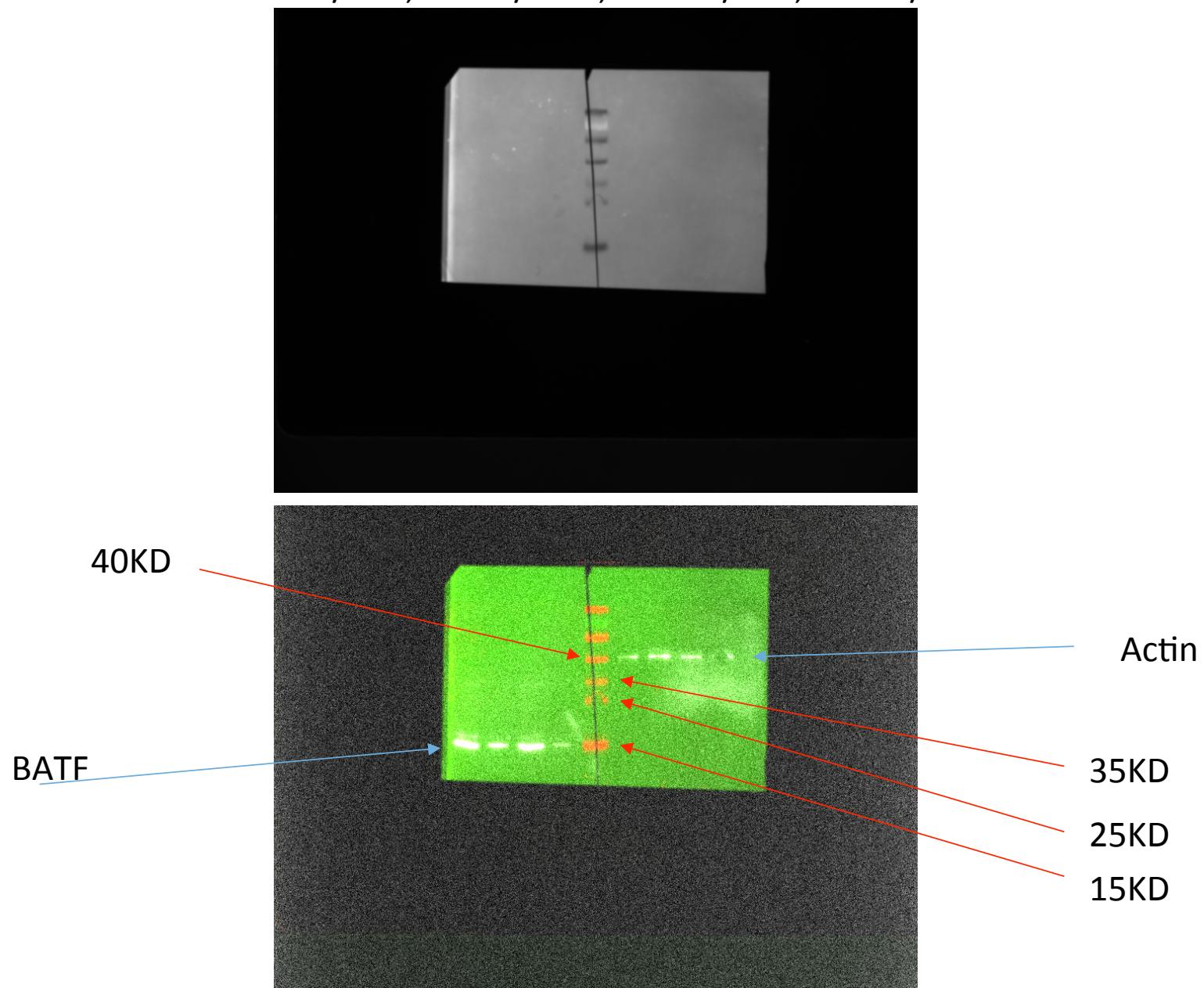


Fig.7C

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



Suppl. Fig. 1a

