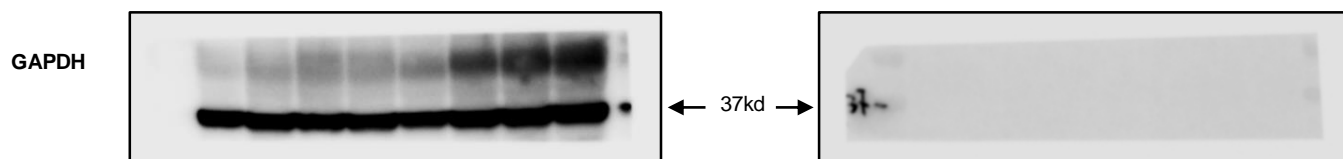
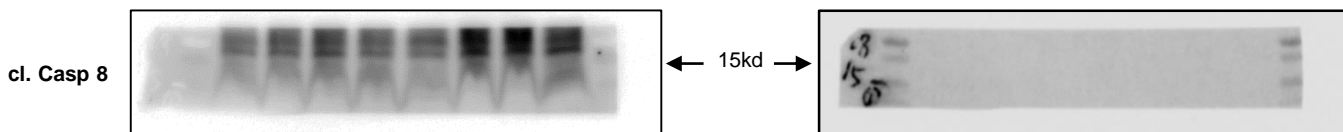
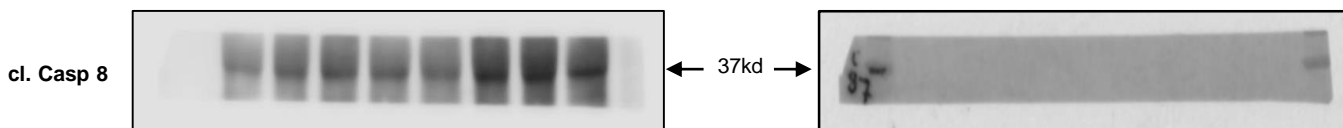
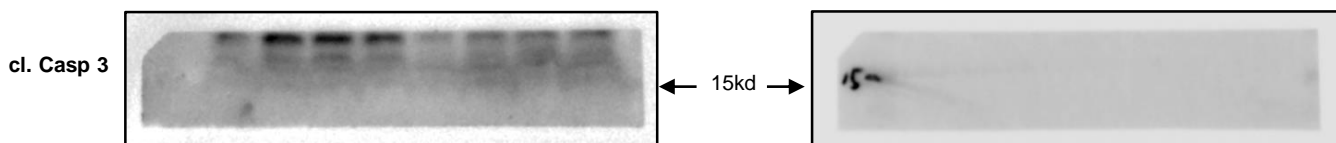
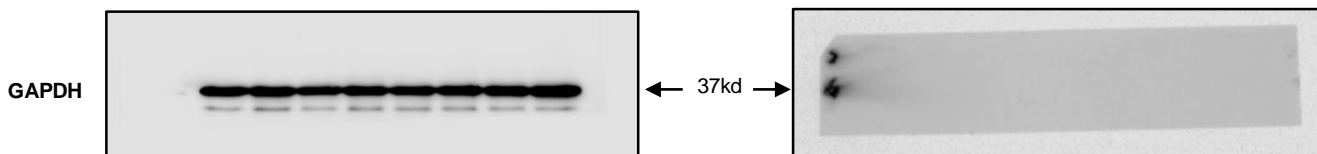
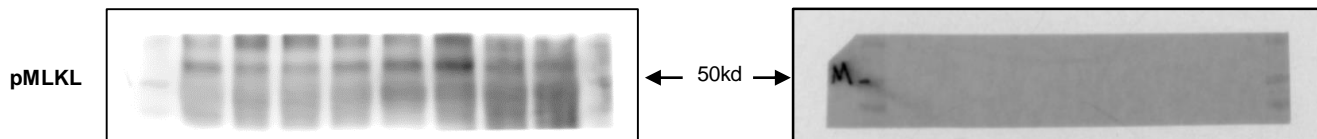
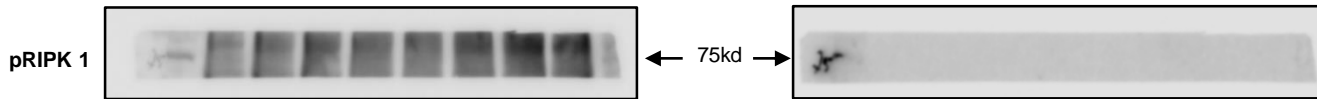


N-Ras^{+/+} **N-Ras^{-/-}**

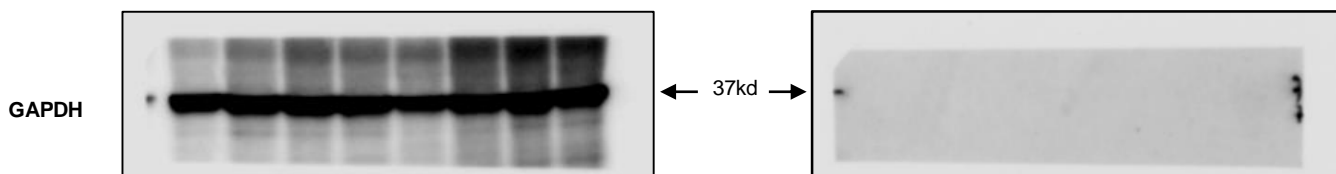
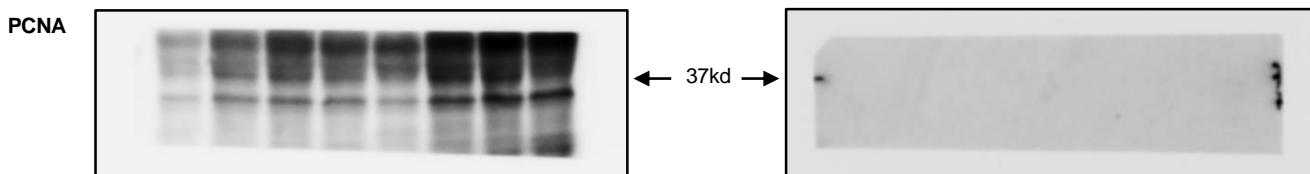
Oil **CCl₄** **Oil** **CCl₄**

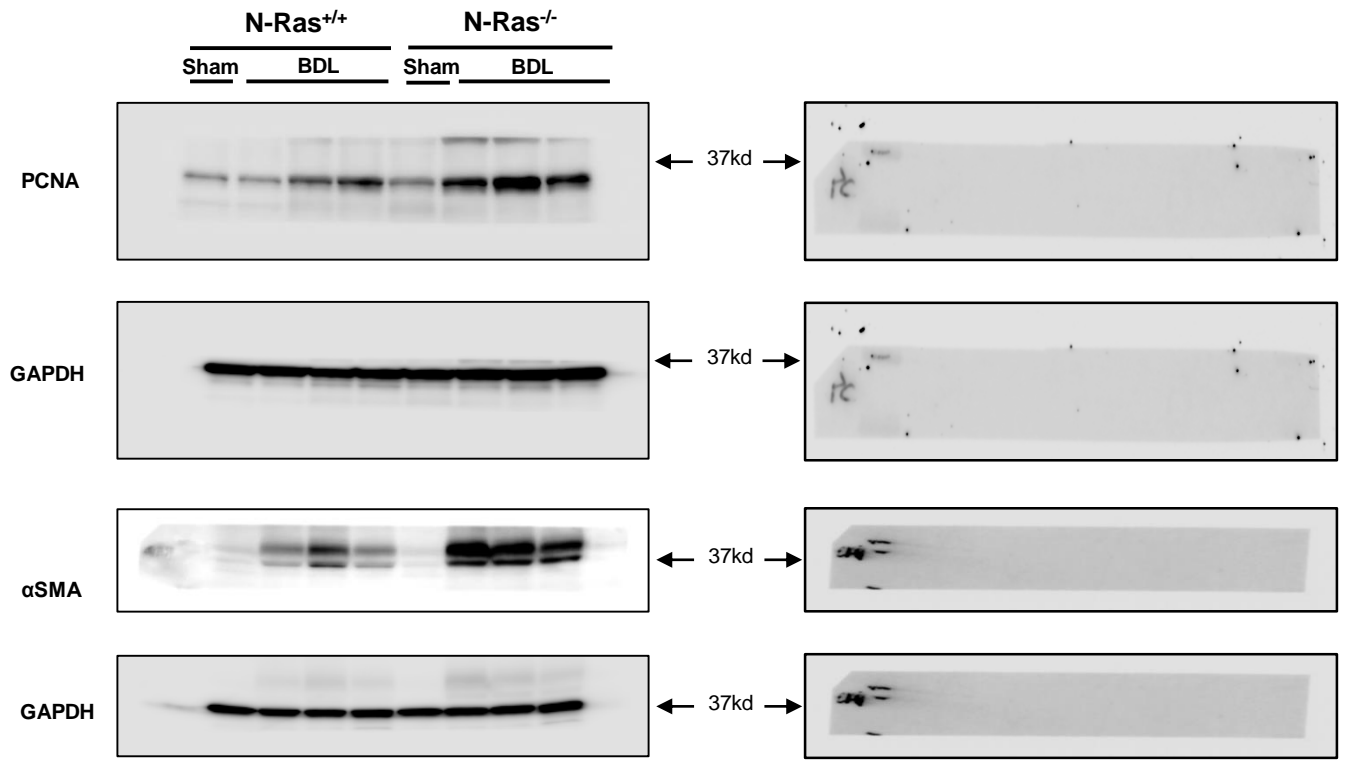


N-Ras^{+/+}

N-Ras^{-/-}

Oil **CCl₄** **Oil** **CCl₄**





N-Ras^{+/+}

N-Ras^{-/-}

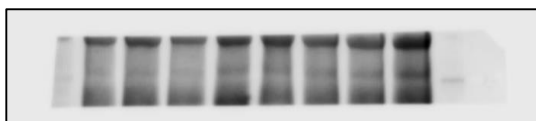
Sham

BDL

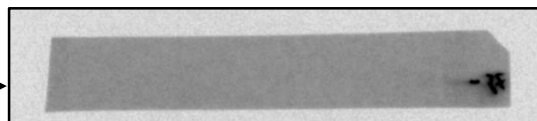
Sham

BDL

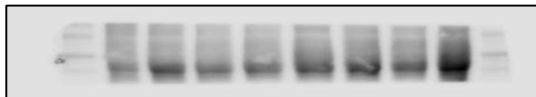
pRIPK1



← 75kd →



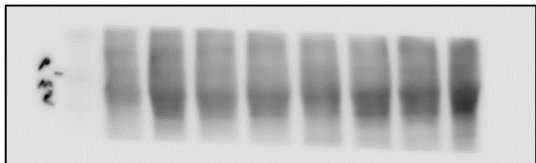
pRIPK3



← 75kd →



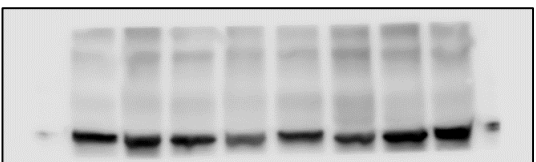
pMLKL



← 75kd →



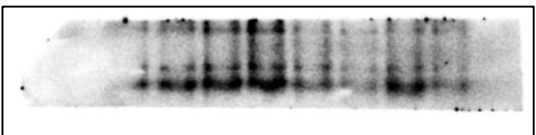
GAPDH



← 37kd →



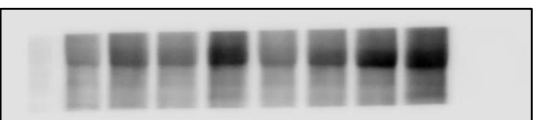
cl. Casp 3



← 15kd →



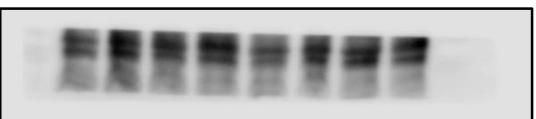
cl. Casp 8



← 37kd →



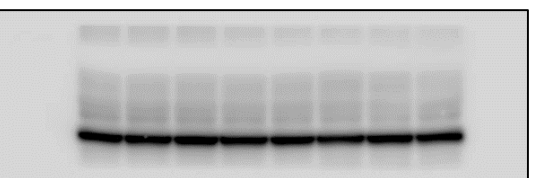
cl. Casp 8



← 20kd →



GAPDH

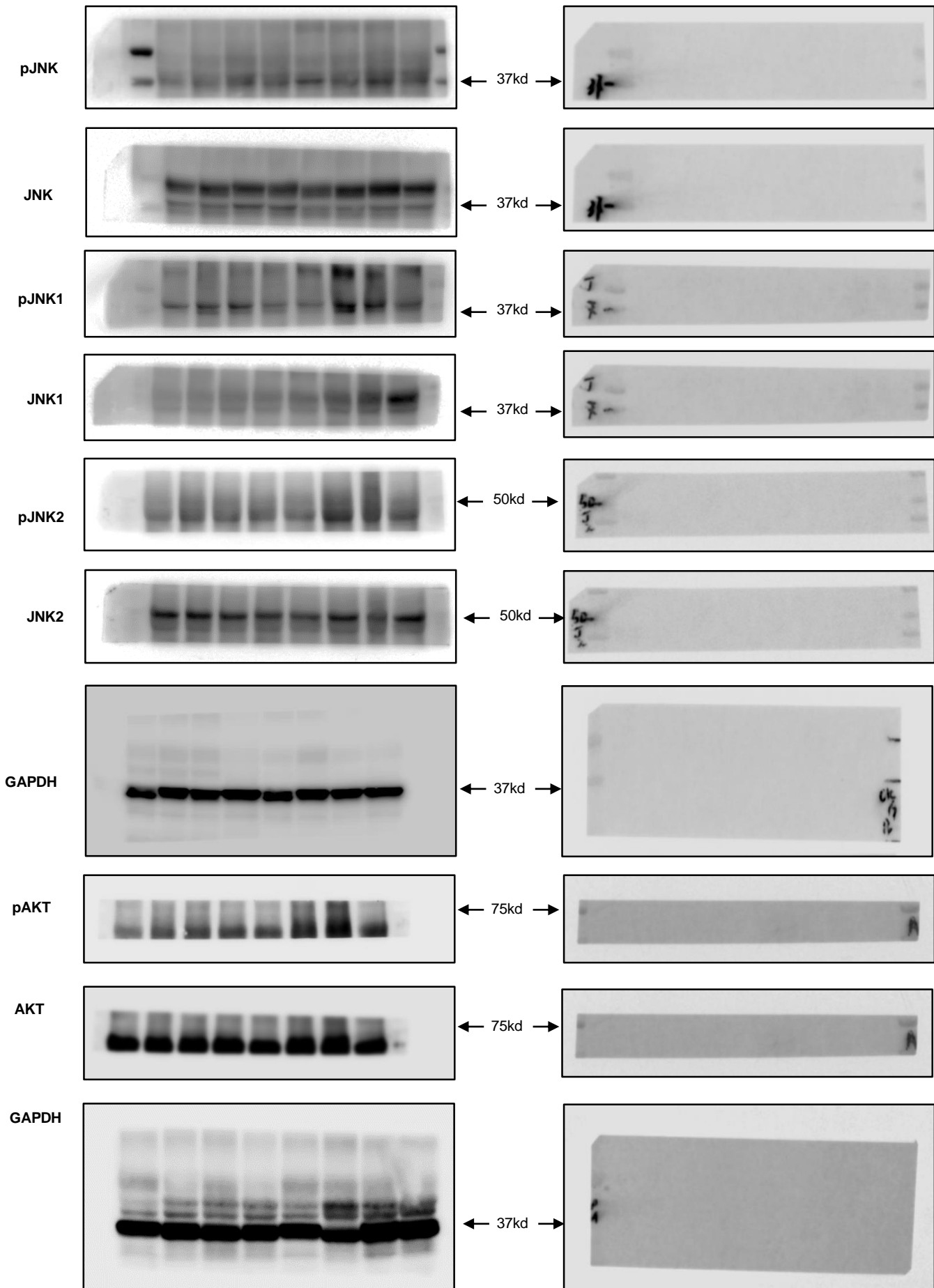


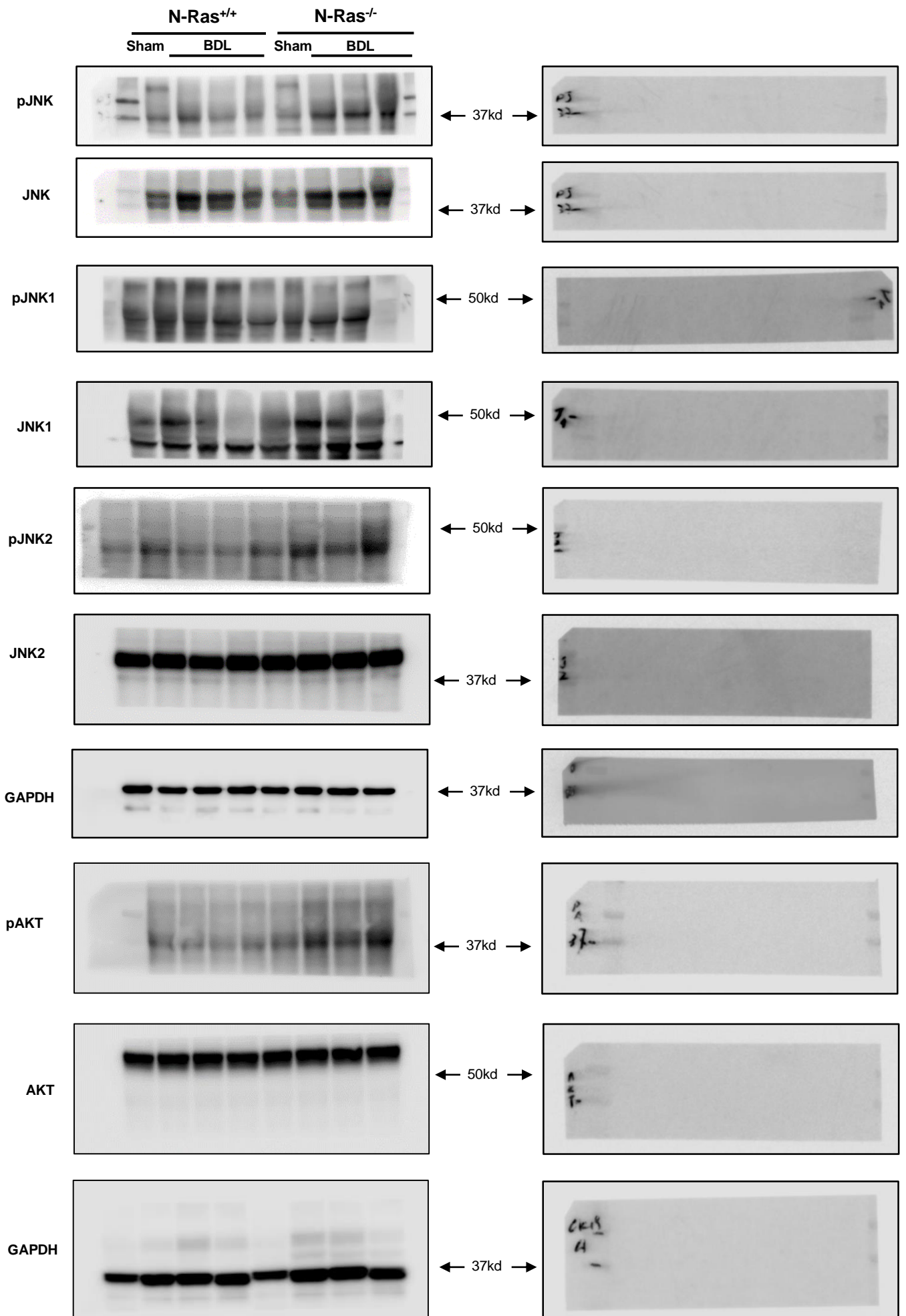
← 37kd →



N-Ras^{+/+} N-Ras^{-/-}

Oil CCl₄ Oil CCl₄



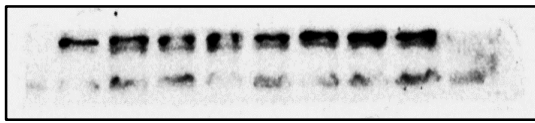


Ctrl

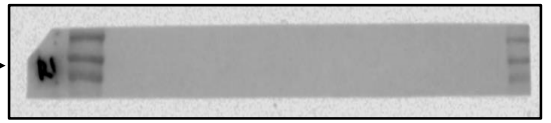
TNF- α + D-Gal

Crispr Cas 9 WT Vector KD1 KD2 WT Vector KD1 KD2

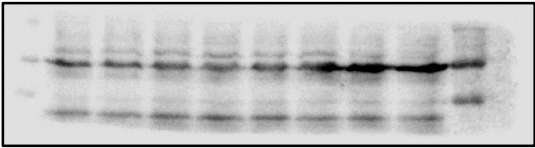
pRIPK1



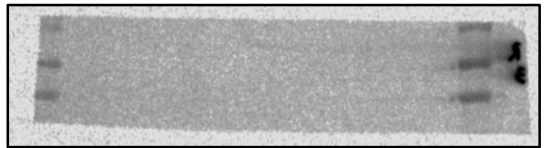
← 75kd →



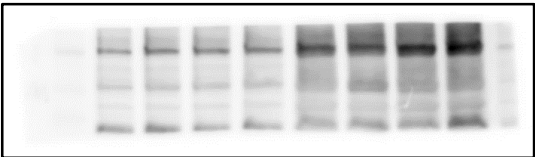
pRIPK3



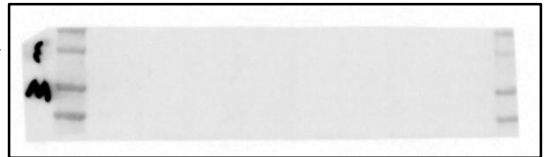
← 75kd →



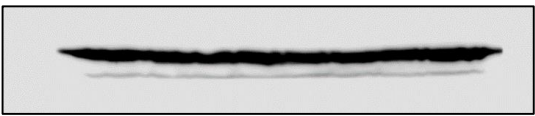
pMLKL



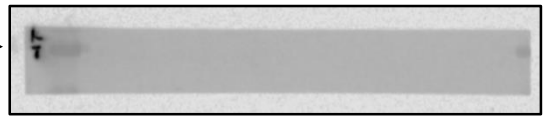
← 75kd →



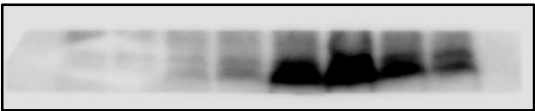
GAPDH



← 37kd →



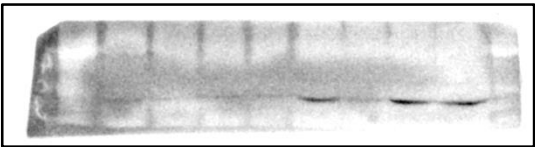
CC3



← 15kd →



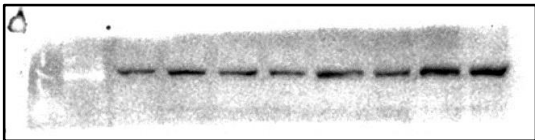
CC8



← 37kd →



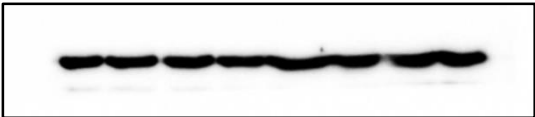
CC8



← 20kd →



GAPDH



← 37kd →



Ctrl **TNF- α + D-Gal**

Crispr Cas 9 WT Vector KD1 KD2 WT Vector KD1 KD2

