Original Blots corresponding to Fig 1A-WT Replicate 2. Phospho-Akt and phospho-Erk signaling in WT cells in response to 100ng/ml IGF-2 stimulation as a function of time.

Method: The phospho-Akt band runs at 59kDa, while tubulin runs at 55kDa and phospho-Erk1/2 runs at 42 and 44kDa respectively. Using the Cell Signaling Technology primary antibody cocktail we can simultaneously probe for pAkt and pErk on a single blot followed by probing for tubulin. Simultaneous probing also requires that we image the blots at different exposures to ensure the non-saturated nature of each band independently.