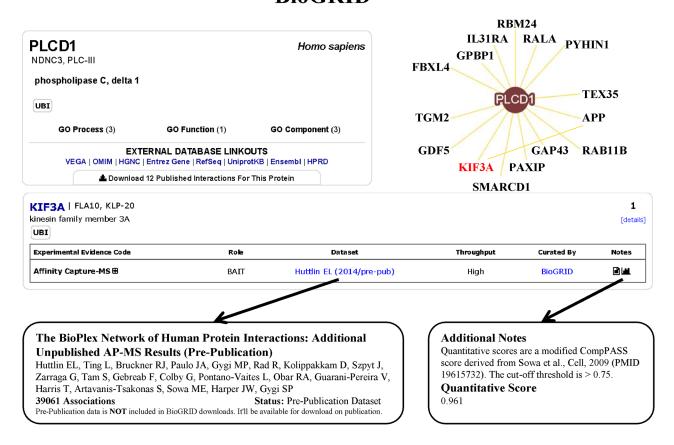
Phospholipase C δ 1 suppresses cell migration and invasion of breast cancer cells by modulating KIF3A-mediated ERK1/2/ β -catenin/MMP7 signalling

SUPPLEMENTARY MATERIALS

SUPPLEMENTARY FIGURE AND TABLE

BioGRID^{3.4}



Supplementary Figure 1: PLCD1 interacts with KIF3A. Potential PLCD1-interacting partners were analyzed using BioGRID3.4 (https://thebiogrid.org). A total of 15 potential interactors were identified, and kinesin family member 3A (KIF3A) was identified in the Huttlin EL dataset (The BioPlex Network of Human Protein Interactions: Additional unpublished AP-MS results, pre-publication) with a quantitative score of 0.961.

Supplementary Table 1: PCR primers sequences and reaction conditions

PCR	Primers	Sequence (5'-3')	Size (bp)	T _A (°C)	cycle
RT-PCR					
	<i>PLCD1</i> F	TGTCGCTACTCAAGTGAGTC	197	55	32
	<i>PLCD1</i> R	AGTCCTCCTGCAACTTGTAG			
	β -actin F	TCCTGTGGCATCCACGAAACT	315	55	23
	β -actin R	GAAGCATTTGCGGTGGACGAT			
Real-time PCR					
	<i>PLCD1</i> F	TGTCGCTACTCAAGTGAGTC	197	60	40
	<i>PLCD1</i> R	AGTCCTCCTGCAACTTGTAG			
	<i>KIF3A</i> F	CTGATATCAGTGGGTCAGAGGA	262	60	40
	KIF3A R	TCCAGCAAAGACTGATGCTCT			
	β -actin F	TCCTGTGGCATCCACGAAACT	315	60	40
	β -actin R	GAAGCATTTGCGGTGGACGAT			

T_A, Annealing Temperature