

**Supplemental Table 2. Proteins in phosphoinositide pathway that had significant change in phosphorylation by EGF**

Gene Symbol	UniProt No.	Site	Annotation	Direction of Change	Catalytic function
Itpkb	P42335	T276	Inositol-trisphosphate 3-kinase B	up	IP <sub>3</sub> (1,4,5) to IP <sub>4</sub> (1,3,4,5)
Itpkb	P42335	S24	Inositol-trisphosphate 3-kinase B	down	IP <sub>3</sub> (1,4,5) to IP <sub>4</sub> (1,3,4,5)
Plcb3	Q99JE6	S1105*	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-3	up	PIP <sub>2</sub> (4,5) to IP <sub>3</sub> (1,4,5)
Plcb4	Q9QW07	S889	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-4	down	PIP <sub>2</sub> (4,5) to IP <sub>3</sub> (1,4,5)

\*, enzymatic activity inhibited