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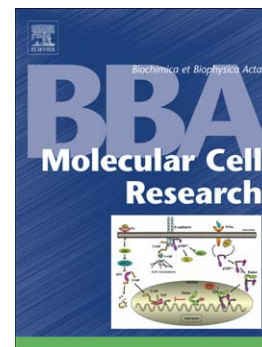
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(2<sup>nd</sup> Revised manuscript)

**Phosphorylation of phosphatidylinositol 4-phosphate 5-kinase  $\gamma$  by Akt regulates its interaction with talin and focal adhesion dynamics**

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**Abbreviations**

EGF, epidermal growth factor

FAs, focal adhesions

PIP2, phosphatidylinositol 4,5-bisphosphate

PIP5K $\gamma$ 90, phosphatidylinositol 4-phosphate 5-kinase  $\gamma$  90 kDa

S555, serine 555

WT, wild-type

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