### MOL #75630

## Supporting information

for

### MOLECULAR PHARMACOLOGY

Protein kinase C regulation of 12-lipoxygenase-mediated human platelet activation.

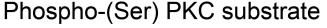
Jennifer Yeung, Patrick L. Apopa, Joanne Vesci, Victor Kenyon, Ganesha Rai, Ajit

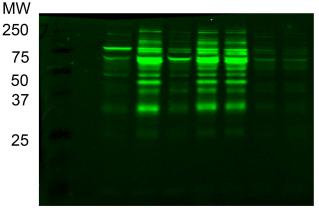
Jadhav, Anton Simeonov, Theodore R. Holman, David J. Maloney, Olivier Boutaud and

Michael Holinstat

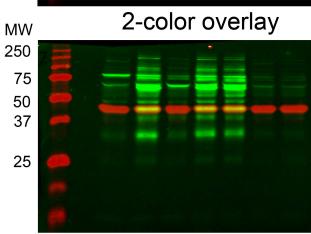
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# Supplemental Figure 1:





# Pleckstrin 250 75 50 37 25



Lane: 1 2 3 4 5 6 7

# Lane conditions:

1: Unstimulated

2: CVX

3: CVX + NCTT-956

4:CVX + NCTT-956 + PMA

5: PMA

6: PMA + Ro 31-8220

7: CVX + Ro 31-8220

Supplemental Figure 1: Pleckstrin is a 47 kDa protein corresponding to one of the phospho-(Ser)-PKC substrate bands. To identify which of the phospho-(Ser) PKC substrate bands is pleckstrin, platelet samples were treated as indicated in the lane conditions on the right. Green represents phospho-(Ser) PKC substrate antibody staining, red represents pleckstrin antibody staining and the bottom panel is an overlay of the two analyzed with the 2-laser Licor imaging system. Pleckstrin staining correlates to a 47 kDa protein band in the phospho-(Ser) PKC substrate. Staining of This band in the phospho-(Ser) PKC substrate staining is significantly diminished in the presence of NCTT-956 or Ro 31-8220, but it rescued in the presence of NCTT-956 + PMA.