

## SUPPLEMENTARY FIGURES

### Collagen stimulation of platelets induces rapid spatial reorganizations in 5 cAMP and cGMP signaling scaffolds†

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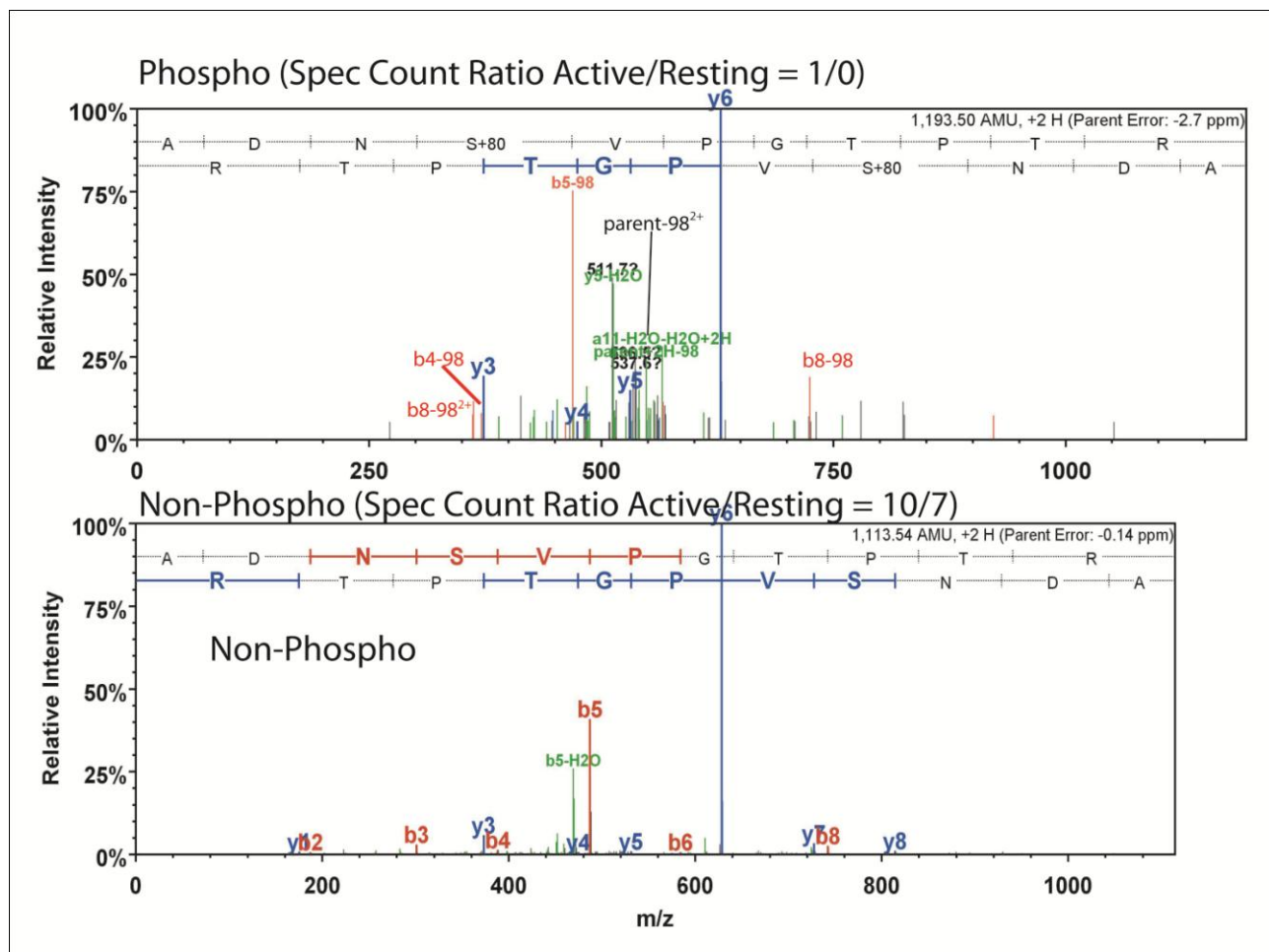
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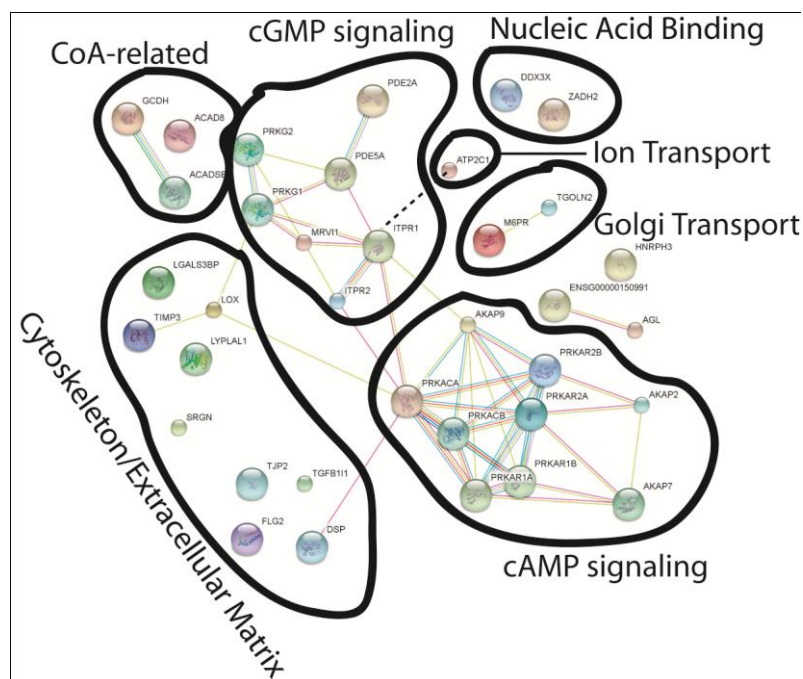
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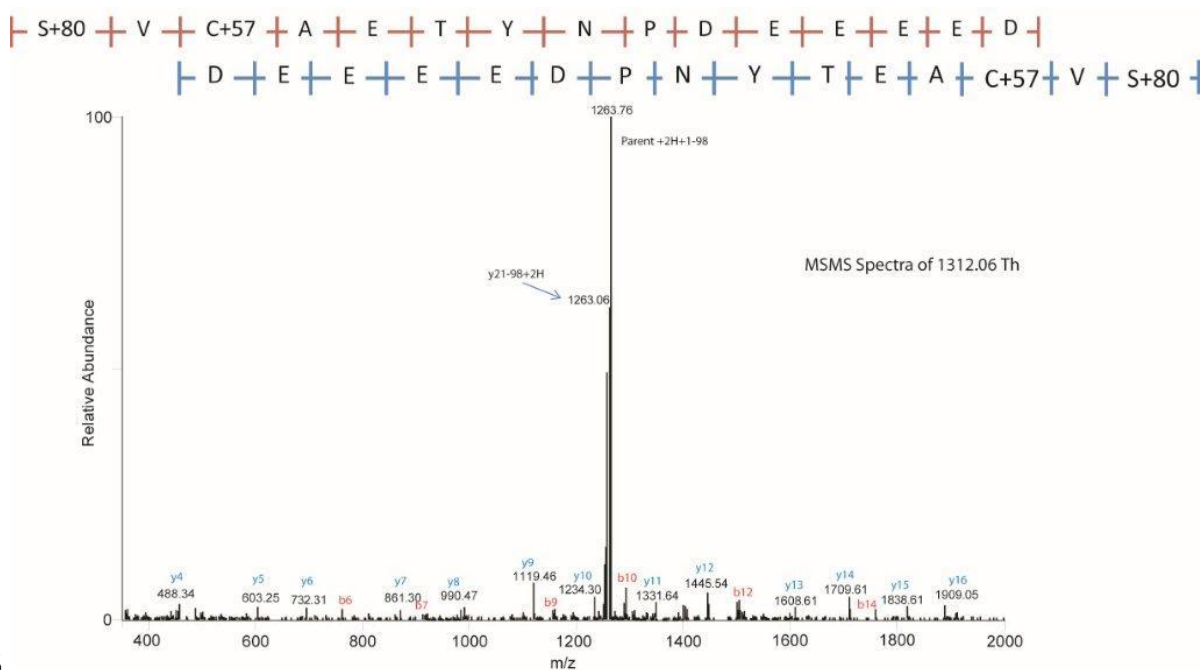
**Supplementary figure 1.** Tandem MS-spectrum of human PDE5A (O76074) peptide ADNSVPGTPTR (89-99) with the Ser at position 4 being phosphorylated (top panel) or not (bottom panel). Data from a qualitative analysis. Ion intensities of similar b/y-ions indicate such as y6, b5 etc. are indicative of this peptide. A neutral loss series on the b-ions localize Ser92 as being 5 phosphorylated.



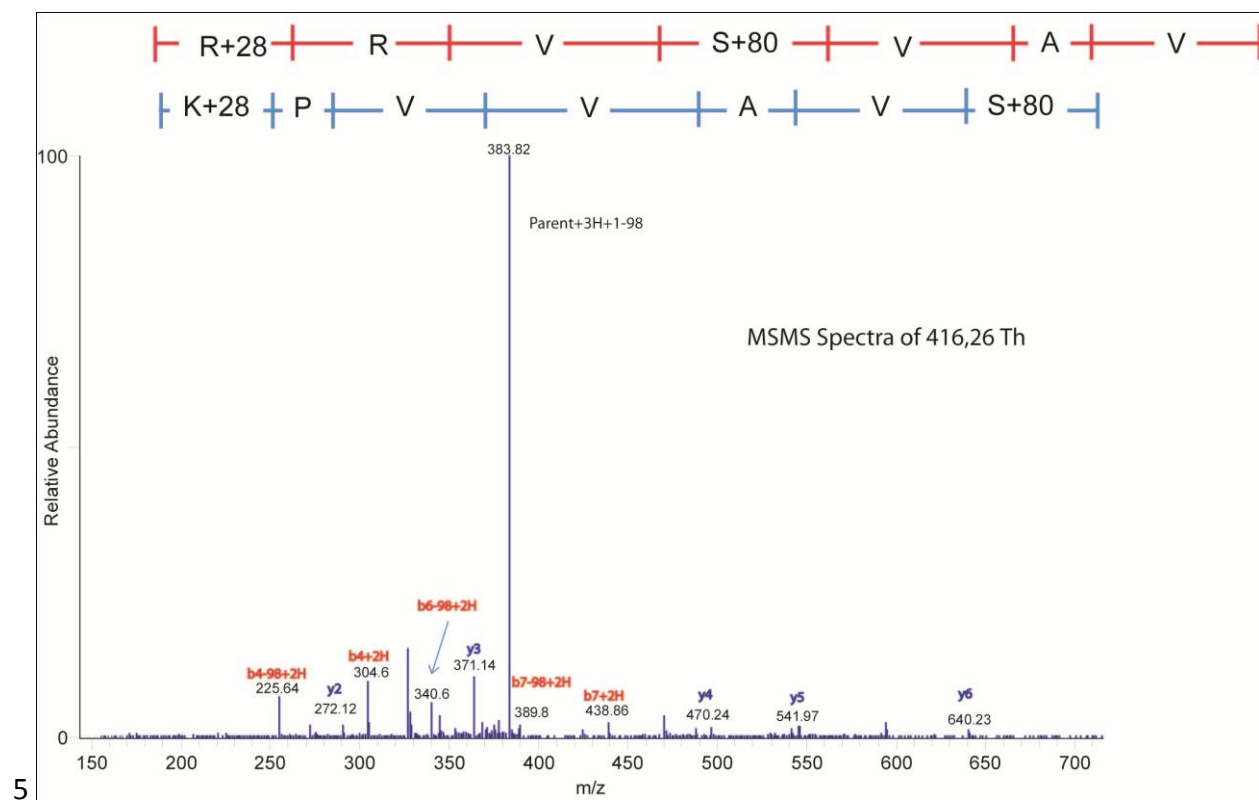
**Supplementary figure 2.** Protein interaction network obtained using STRING (<http://string-db.org/>). Proteins with or without an evident biological connection to the cAMP/cGMP system (**supplemental table 1, yellow and purple**) were submitted to STRING to better understand their biological interaction. In the network, links between proteins signify the various interaction data supporting the network, 5 colored by evidence type as outlined in STRING.



**Supplementary figure 3.** The tandem mass spectrum of the PKA-RII $\alpha$  phosphopeptide (RVpSVCAETYNPDEEEEDTDPR) shows Ser99 to be the site of phosphorylation.



**Supplementary figure 4.** Tandem mass spectrum of the IRAG phosphopeptide (RRVpSVAVVPK) shows Ser670 to be the site of modification.



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