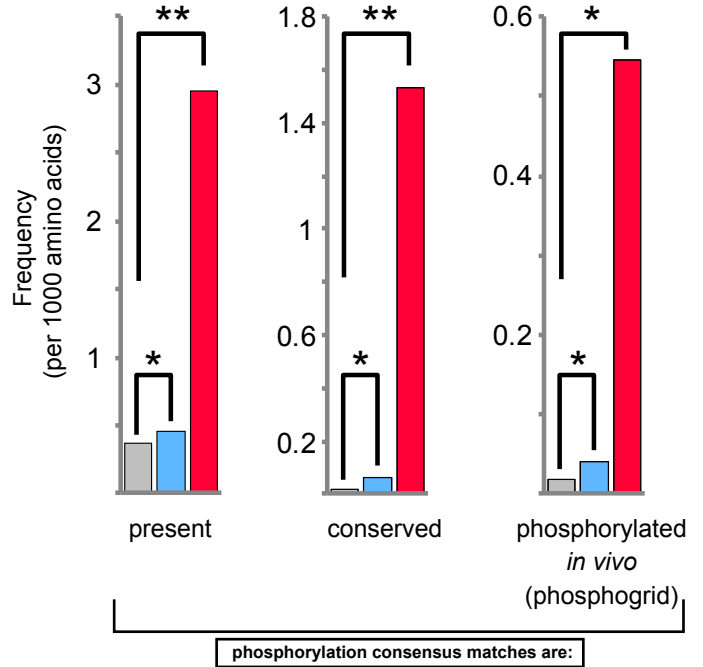


Figure S7. Co-occurrence of docking motifs and Cbk1 phosphorylation consensus sites is extremely significant, and docking sites predict consensus site conservation and phosphorylation

docking motif: absent present present, conserved

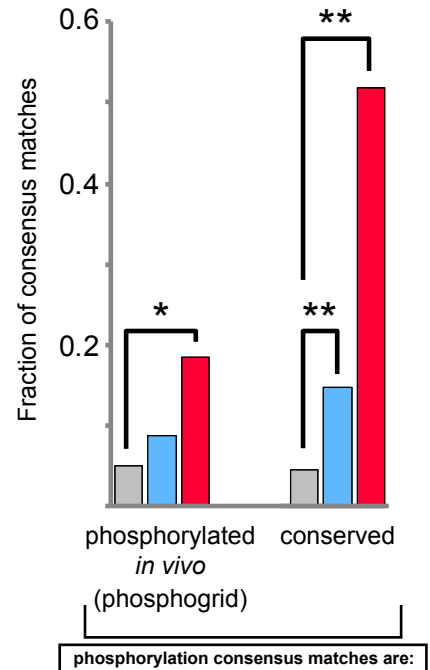
A.

docking motifs predict phosphorylation sites



B.

phosphorylation consensus in proteins with docking motifs are more likely to be conserved and phosphorylated in vivo.



* $p < 0.05$

** $p < 10^{-5}$