




Similar GO Terms Extracted	GOA Electronic Term: intracellular signaling cascade (p) <input type="text" value="-"/>	
inactivation of MAPK (p) <input type="text" value="-"/>	<p>CAPRI regulates Ca²⁺-dependent inactivation of the Ras-MAPK pathway Ca²⁺ is a universal second messenger that is critical for cell growth and is intimately associated with many Ras-dependent cellular processes such as proliferation and differentiation [1].</p>	
protein kinase C activation (p) <input type="text" value="-"/>	<p>A role for intracellular Ca²⁺ in the activation of Ras has been previously demonstrated, e.g., via the nonreceptor tyrosine kinase PYK2 [3] and by Ca²⁺/calmodulin-dependent guanine nucleotide exchange factors (GEFs) such as Ras-GRF [4]; however, there is no Ca²⁺-dependent mechanism for direct inactivation.</p>	
phosphoinositide-mediated signaling (p) <input type="text" value="-"/>	<p>Previously, we have shown that these C2 domains do not regulate Ca²⁺-mediated membrane association; instead, membrane targeting is mediated by phosphoinositide binding PH domains [11, 12 and 13].</p>	
Comment: <input type="text"/>		New Terms: <input type="text"/> Evidence: <input type="text" value="-"/> <input type="button" value="--- Add ---"/>