

Supplementary Material

High-resolution structure of the Tiam1 PH-CC-Ex domain

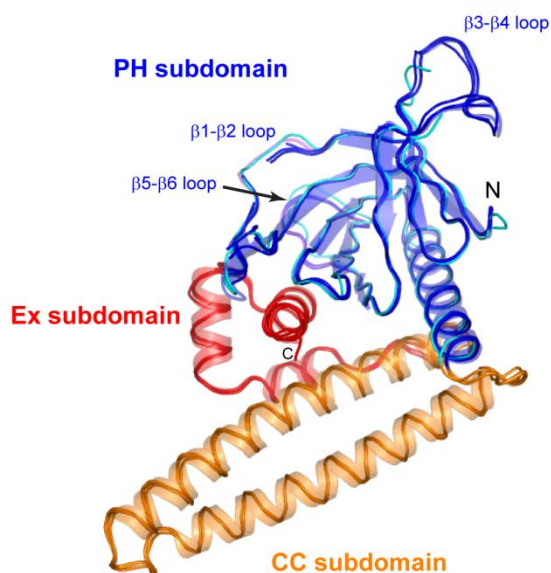
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Supplementary Table S1. Comparison of all atom RMSDs of the PH_n-CC-Ex domains of Tiam1 and Tiam2 structures

	4K2P	4K2O	3A8N	3A8P_D
4K2P		0.525	0.884	0.742
4K2O	0.525		0.893	0.750
3A8N	0.884	0.893		1.000
3A8P_D	0.742	0.750	1.000	

Supplementary Table S2. Comparison of backbone RMSDs of the CC domain of Tiam1 and Tiam2 structures after alignment of the PH_n and Ex subdomains

	4K2P	4K2O	3A8N	3A8P_D
4K2P		0.878	2.256	4.112
4K2O	0.878		1.802	3.246
3A8N	2.256	1.802		2.855
3A8P_D	4.112	3.246	2.855	



Supplementary Fig. S1. Structural comparison of Tiam1 PH_n-CC-Ex^{AAA} and PH_n-CC-Ex^{LLAAA} domains. Overlay of the Tiam1 PH_n-CC-Ex^{LLAAA} and PH_n-CC-Ex^{AAA} structures. Chain A of the PH_n-CC-Ex^{LLAAA} is shown with the three subdomains that comprise the structure color-coded. The subdomain color scheme is: PH subdomain (blue), CC subdomain (orange) and Ex subdomain (red). The PH domain of the PH-CC-EX^{AAA} structure is colored cyan to highlight regions where electron density was not resolved.