

Supporting Information - figure S1
“Knotted vs. unknotted proteins: evidence of knot-promoting loops”

Raffaello Potestio¹, Cristian Micheletti^{1,2,3,*}, Henri Orland⁴

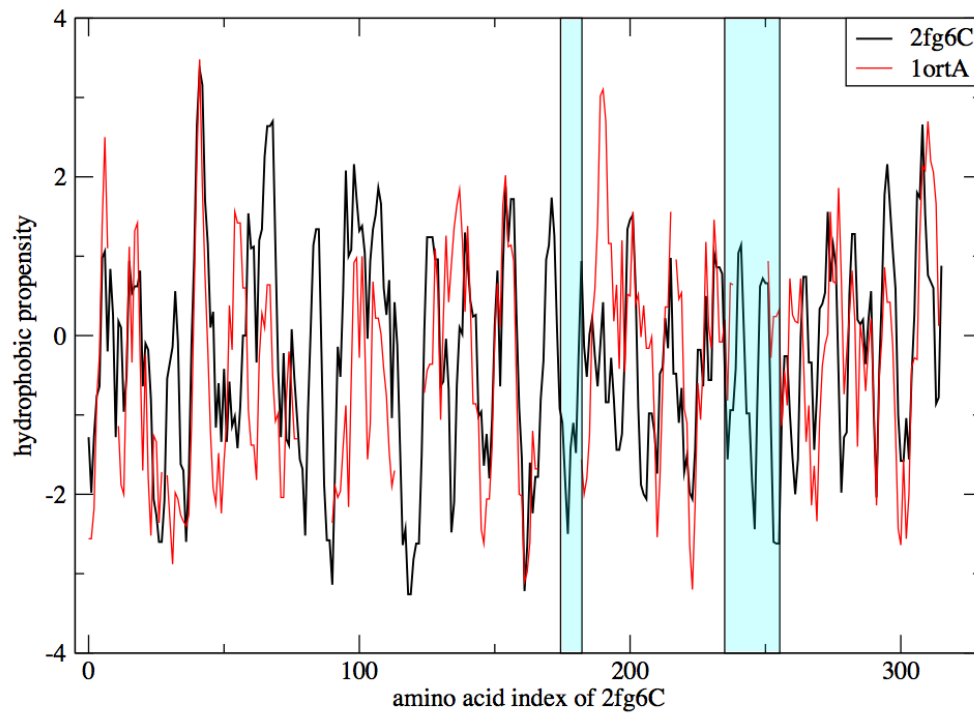
1 SISSA - Scuola Internazionale Superiore di Studi Avanzati, via Bonomea 265, 34136 Trieste, Italy

2 DEMOCRITOS CNR-IOM

3 Italian Institute of Technology (SISSA unit)

4 Institut de Physique Théorique, CEA, F-91191 Gif-sur-Yvette, France

** E-mail: michelet@sissa.it*



Hydrophobicity profiles of the knotted protein 2fg6C and the structurally-matching amino acids of the unknotted partner 1ortA. The knot-promoting segments (174–182, 235–255) are highlighted by the light blue boxes. The hydrophobicity was calculated using the Kyte and Doolittle scale and an averaging window of 5 amino acids.