

# Amino acid coupling patterns in thermophilic proteins

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Different packing of external residues can explain differences in the thermostability of proteins from thermophilic and mesophilic organisms. <i>Bioinformatics</i> , 2007, 23, 2231-2238.	1.8	89
2	KinasePhos 2.0: a web server for identifying protein kinase-specific phosphorylation sites based on sequences and coupling patterns. <i>Nucleic Acids Research</i> , 2007, 35, W588-W594.	6.5	320
3	Discrimination and Classification of Thermophilic and Mesophilic Proteins. , 2007, , .		0
4	Discrimination of mesophilic and thermophilic proteins using machine learning algorithms. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 70, 1274-1279.	1.5	73
6	Differences in amino acids composition and coupling patterns between mesophilic and thermophilic proteins. <i>Amino Acids</i> , 2008, 34, 25-33.	1.2	146
7	The backbone structure of the thermophilic <i>Thermoanaerobacter tengcongensis</i> ribose binding protein is essentially identical to its mesophilic <i>E. coli</i> homolog. <i>BMC Structural Biology</i> , 2008, 8, 20.	2.3	11
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17	Discrimination of thermophilic and mesophilic proteins. <i>BMC Structural Biology</i> , 2010, 10, S5.	2.3	109
18	Prediction of thermophilic proteins using feature selection technique. <i>Journal of Microbiological Methods</i> , 2011, 84, 67-70.	0.7	89
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20	Deciphering the Preference and Predicting the Viability of Circular Permutations in Proteins. <i>PLoS ONE</i> , 2012, 7, e31791.	1.1	17

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21	Conformational Temperature-Dependent Behavior of a Histone H2AX: A Coarse-Grained Monte Carlo Approach Via Knowledge-Based Interaction Potentials. <i>PLoS ONE</i> , 2012, 7, e32075.	1.1	11
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40	Thermal stability enhancement: Fundamental concepts of protein engineering strategies to manipulate the flexible structure. <i>International Journal of Biological Macromolecules</i> , 2022, 214, 642-654.	3.6	33
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