

# The pivotal role of the $\beta 7$ strand in the intersubunit contacts of different human small heat shock proteins

## Cell Stress and Chaperones

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### Online Resource 1

Table 1. Estimation of different elements of the secondary structure of human small heat shock proteins and their Cys-mutants from the data of far UV CD by CONTINLL subprogram of Sreerama and Woody (Sreerama and Woody 2000).

Structure Protein	$\alpha$ -Helix		$\beta$ -strand		Turns	Unordered
	Regular	Distorted	Regular	Distorted		
Wild type $\alpha$ B-crystallin	0.02	0.05	0.23	0.13	0.23	0.35
Cys mutant of $\alpha$ B-crystallin	0.02	0.05	0.23	0.13	0.23	0.35
Wild type HspB6	0.03	0.06	0.23	0.13	0.22	0.34
Cys-mutant of HspB6	0.03	0.06	0.24	0.13	0.22	0.33
Wild type HspB8	0.02	0.05	0.23	0.13	0.22	0.35
Cys-mutant of HspB8	0.02	0.05	0.23	0.13	0.22	0.35