

Table S2. Mean and standard deviation of the correlation between P_{LM} and A_{LM} frequency profiles

protein class	module class	number ^a	<i>locCons</i> corr		<i>globCons</i> corr	
			mean	stdev	mean	stdev
DIS	DIS	17	0.20	0.22	0.22	0.17
	GLOB	4	0.34	0.28	0.22	0.20
GLOB	DIS	10	0.34	0.20	0.21	0.18
	GLOB	7	0.23	0.24	0.12	0.22
MIXED	DIS	9	0.11	0.14	0.02	0.10
	GLOB	6	0.12	0.19	0.10	0.20

Spearman correlation coefficient calculated between the P_{LM} and A_{LM} frequency profiles of each instance. Correlation of the frequency profiles of IUP_{diff} versus *locCons* and IUP_{diff} versus *globCons* are indicated as *locCons* corr and *globCons* corr respectively.

^a number of instances per structural class