Progressive structure-based alignment of homologous proteins: Adopting sequence comparison strategies.

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		RIGID BODY				FLEXIBLE	
Fold/Family	**PDBs**	**mulPBA**	**SALIGN**	**MAMMOTH**	**MASS**	**POSA**	**MATT**
Cupins (134)	1VJ2a, 1V70a, 1QXRa, 1O5Ua, 1DZRa	**66**, 52.33, **75.70**	49, 32.83, 67.40	64, **54.33**, 74.80	9, 6.00, 43.01	54, 43.83, 76.90	63, 50.33, 69.10
Globins (141)	1VHBa, 1MBAa, 1LHSa, 1ITHa, 1HLMa, 1HBGa, 1GDJa, 1ECAa, 1DLWa, 1BABa, 1SCTa, 1H97a, 1FLPa, 1EW6a, 1ASHa	101, **38.83, 111.70**	**105**, 23.17, 111.43	101, 26.17, 109.93	NA	105, 32.50, 110.81	86, 21.0, 108.1
Superhelix (205)	2TDTa, 1XATa, 1QQ0a, 1LXAa, 1FWYa	68, 62.00, 81.50	57, 55.17, 90.40	36, 29.00, 79.00	**69, 66.17, 93.20**	46, 40.83, 94.40	68, 66.17, 73.20
PTB (136)	1IRSa, 2NMBa, 1X11a, 1SHCa, 1EVHa, 1DDMa	**64**, **40.00**, **84.73**	17, 7.83, 70.40	63, 36.5, 82.73	58, 37.67, 80.27	68, 42.83, 85.07	67, 41.80, 80.50
Kinase (306)	1BMKa, 1CDKa, 1CJAa, 1HCKa, 1PHKa, 2SRCa	**99, 65.00, 169.40**	42, 20.17, 153.20	93, 61.00, 161.93	70, 47.17, 151.67	128, 86.00, 186.27	64, 27.50, 130.3
Serine Protease (191)	3SGBe, 1WYKa, 1TONa, 1QA7a	**86**, 69.50, 108.00	85, **74.00, 110.50**	80, 55.5, 101.83	60, 42.33, 92.50	83, 67.83, 106.83	84, 67.17, 105.17
Rossmann (164)	1GD1o, 1GPBa, 4MDHa, 5LDHa, 6LDHa, 8ADHa	**57, 35.00, 86.13**	48, 34.17, 83.53	53, 31.5, 79.27	29, 19.50, 69.53	52, 34.67, 85.73	42, 20.80, 71.3
tRNA Synthetase (486)	1ADJa, 1ATIa, 1HC7a, 1QF6a	128, 93.16, 212.33	NA	NA	**175, 148.50, 231.50**	240, 198.67, 288.67	64, 39.00, 156.83
TIM barrel (393)	1CCWb, 1CZ1a, 1F8Ma, 1GVOa, 1ITUa, 1K4Ga, 1K87a, 1MUWa, 1NTHa, 1UROa	**38**, **5.33, 95.07**	31, 2.00, 69.49	18, 1.17, 65.1	28, 3.67, 72.40	30, 9.50, 99.47	7.0, 1.00, 49.16
Gamma Crystallin (85)	1H4Ax, 1G6Ea, 1F53a, 1C01a, 1BHUa	**31, 17.00, 46.10**	17, 9.66, 41.90	20, 11.83, 43.20	2, 0.67, 21.90	26, 14.67, 45.90	31, 14.17, 43.00
Mettalo-hydrolase (246)	1QH5a, 1M2Xa, 1K07a, 1E5Da	138, 118.17, 164.83	**140, 119.83, 165.00**	126, 110.83, 157.66	131, 110.67, 159.50	140, 123.33, 166.33	138, 113.83, 161.67
Ferritin (271)	1O9Ra, 1NOGa, 1MXRa, 1MTYd, 1MTYb, 1LKOa, 1JKVa, 1JGCa, 1AFRa	**95, 29.67, 105.25**	6, 0.33, -	79, 22.67, 102.92	10, 6.16, 39.39	107, 50.5, 117.83	95, 48.8, 109.9