

Table 1. Structural characteristics of 3412 globular proteins

Size range	Class <i>a</i> (702 out of 794 proteins)				Class <i>b</i> (868 out of 928 proteins)			
	Total proteins (mean protein size)	Volume V , \AA^3	Molecular surface S , \AA^2	Radius of gyration R_g , \AA	Total proteins (mean protein size)	Volume V , \AA^3	Molecular surface S , \AA^2	Radius of gyration R_g , \AA
51–100	278 (78)	11515 ± 119	4621 ± 50	13.4 ± 0.1	223 (83)	11966 ± 127	4481 ± 48	12.9 ± 0.1
101–150	241 (126)	18639 ± 142	6885 ± 61	16.4 ± 0.2	330 (121)	17526 ± 121	6184 ± 48	14.9 ± 0.1
151–200	101 (173)	25396 ± 254	8900 ± 112	18.2 ± 0.3	178 (174)	25217 ± 173	8315 ± 82	16.7 ± 0.1
201–250	30 (221)	32831 ± 421	10881 ± 198	19.9 ± 0.5	63 (220)	31682 ± 281	10346 ± 197	18.6 ± 0.4
251–300	29 (275)	40203 ± 518	12744 ± 276	21.0 ± 0.7	46 (272)	39458 ± 318	12276 ± 208	20.0 ± 0.4
301–350	23 (323)	47294 ± 524	14395 ± 291	22.0 ± 0.8	28 (328)	46959 ± 410	14214 ± 367	21.2 ± 0.6
Size range	Class <i>c</i> (913 out of 1089 proteins)				Class <i>d</i> (929 out of 958 proteins)			
	Total proteins (mean protein size)	Volume V , \AA^3	Molecular surface S , \AA^2	Radius of gyration R_g , \AA	Total proteins (mean protein size)	Volume V , \AA^3	Molecular surface S , \AA^2	Radius of gyration R_g , \AA
51–100	29 (85)	12732 ± 207	4589 ± 67	12.5 ± 0.1	235 (82)	11923 ± 126	4588 ± 49	13.1 ± 0.1
101–150	152 (128)	18499 ± 165	6329 ± 68	14.6 ± 0.1	328 (124)	18207 ± 120	6570 ± 50	15.3 ± 0.1
151–200	237 (175)	25292 ± 145	8132 ± 53	16.1 ± 0.1	172 (174)	25378 ± 170	8545 ± 85	16.9 ± 0.1
201–250	190 (226)	32691 ± 171	10252 ± 78	18.0 ± 0.1	102 (222)	32306 ± 216	10274 ± 99	18.1 ± 0.2
251–300	177 (274)	39605 ± 194	11878 ± 91	19.0 ± 0.1	54 (272)	39900 ± 337	12282 ± 192	19.5 ± 0.3
301–350	128 (323)	46775 ± 253	13561 ± 124	20.2 ± 0.2	38 (322)	47892 ± 405	14255 ± 203	20.7 ± 0.2