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β-Bulges: extensive structural analyses of β-sheets irregularities.

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Table II. *Distribution of secondary structures and β-bulges in different SCOP classes*. Are given the percentage of proteins (prot), the percentage of residues (nb res), the percentage of helical, extended and coil residues (α, β and coil), the number of β-strands (strand nb.), the percentage of protein with at least one β-bulge (prot β-bulge), the percentage of amino acid assigned as a β-bulge, and the average number of β-bulge per strands (per str.) in each SCOP class. SCOP class mult. d. implies multi domains and memb+ correspond to membrane proteins.

class	prot	nb res	residues			strand nb.	β-bulge			β-bulge
	(%)	(%)	α (%)	β (%)	coil (%)		prot β-bulge (%)	(%)	per str (%)	frequency
all- α	16.83	14.45	61.54	2.50	35.96	2399	13.27	0.41	17.92	430
α / β	25.73	36.25	40.43	16.14	43.43	27874	65.40	1.73	16.00	4461
α + β	22.71	20.63	33.03	19.26	47.71	18557	85.01	4.14	33.08	11597
all- β	26.12	21.30	9.51	34.46	56.03	33448	94.92	7.52	34.67	711
mult. d.	1.76	3.59	38.35	15.11	46.54	2717	92.96	2.75	26.17	6138
small	4.90	1.64	14.40	19.36	66.24	1892	59.43	4.62	28.86	546
memb+	1.96	2.14	50.44	6.93	42.63	819	18.91	1.68	31.62	259
Sum	100.00	100.00	35.08	18.53	46.39	87706	68.07	3.35	27.53	24142