

**Table 2. Characteristics of analyzed protein structures**

PDB	Protein	<i>N</i>	Cofactors	<i>T</i> , K	Res., Å	<i>R</i> factor
1RB9	Rubredoxin	52	Fe	293	0.92	0.073
2FDN	Ferredoxin	55	2 x Fe <sub>4</sub> S <sub>4</sub>	100	0.94	0.100
2KNT	Kunitz-type domain C5	58	–	291	1.20	0.149
2IGD	Protein G Igg domain III	61	–	300	1.10	0.097
1G2B	Spectrin $\alpha$ chain	62	–	100	1.12	0.148
1F94	Bucandin	63	–	100	0.97	0.123
1HG7	Type III antifreeze protein	66	–	110	1.15	0.120
1C9O	Cold-shock protein	66	–	100	1.17	0.125
1C75	Cytochrome c553	71	Heme	100	0.97	0.116
1CC8	Metallochaperone Atx1	72	Hg	95	1.02	0.141
1B0Y	Hipip	85	Fe <sub>4</sub> S <sub>4</sub>	100	0.93	0.155
1CTJ	Cytochrome c6	89	Heme	293	1.10	0.140
1C5E	$\lambda$ phage head protein D	95	–	100	1.10	0.098
1RGE	Guanyloribonuclease	96	2GP	293	1.15	0.109
1PSR	Psoriasin	100	–	100	1.05	0.109
1JHG	trp repressor	101	trp	287	1.30	0.127
2PVB	Parvalbumin	107	2 x Ca	100	0.91	0.110
1DY5	Ribonuclease A	124	–	100	0.87	0.101

3LZT	Lysozyme (HEW)	129	–	120	0.92	0.092
1CXQ	Sarcoma virus integrase	143	EPE	95	1.02	0.129
1QDD	Lithostathine	144	Trisaccharide	298	1.30	0.132
1A6M	oxy-myoglobin (SW)	151	Heme, O <sub>2</sub>	100	1.00	0.127
1MFM	Superoxide dismutase	153	Zn, Cu	100	1.02	0.118
1EQO	Pyrophosphokinase	158	2 x Mg, APC, HHP	100	1.25	0.114
1CEX	Cutinase	197	–	100	1.00	0.094
1G66	Acetylxylylan esterase	207	–	85	0.90	0.107
1MUN	Adenine glycosylase	225	Fe <sub>4</sub> S <sub>4</sub>	90	1.20	0.124
1FCY	Retinoic acid receptor	236	564, LMU	100	1.30	0.134
1QL0	Endonulcease (S. m.)	241	–	120	1.10	0.128
1QJ4	Hydroxynitrile lyase	256	–	120	1.10	0.116
1GCI	Subtilisin	269	Ca	100	0.78	0.101
1DCS	Ring expandase	279	–	90	1.30	0.129
1QTW	Endonuclease IV	285	3 x Zn	100	1.02	0.124
1IXH	Phosphate-binding protein	321	PO <sub>4</sub>	100	0.98	0.117
1BXO	Penicillopepsin	323	PP7	100	0.95	0.100
1BG6	Haloalkane dehalogenase	349	–	100	1.15	0.105
1C0P	D-amino acid oxidase	363	FAD, DAL, PER	100	1.20	0.125
3SIL	Sialidase	379	–	100	1.05	0.116

---

PDB, Protein Data Bank identification code; *N*, number of residues; Res., resolution.