

PDB ID	# Nucleotides	# Players	GARN		MCSYM		Farna		NAST	
			Min	Max	Min	Max	Min	Max	Min	Max
1SA9	16	3	3.97	3.97	0.67	3.31	0.24	4.22	0.34	2.24
333D	16	3	3.81	3.81	0.34	3.57	0.48	3.3	0.36	2.48
402D	16	3	4.15	4.15	0.14	4.7	0.29	3.81	NA	NA
409D	16	3	3.93	3.93	0.49	2.95	0.31	4.09	0.56	2.30
1JZV	17	3	4.3	9.24	0.15	3.94	0.82	6.11	2.51	4.86
1J9H	18	5	4.56	11.53	1.14	4.2	1.76	6.77	2.84	4.91
1DQF	19	4	5.39	5.39	0.84	3.49	1.46	8.58	NA	NA
1KD5	22	5	9.54	9.54	NA	NA	1.56	12.68	1.81	5.71
205D	24	3	4.79	4.79	0.22	4.62	0.24	5.1	0.26	2.70
255D	24	3	5.4	5.4	0.66	3.86	0.21	6.07	0.32	3.14
280D	24	3	4.36	4.36	0.22	5.22	0.28	6.09	0.22	2.10
157D	24	5	2.17	12.94	0.66	3.31	0.77	7.66	1.11	4.68
1NUJ	24	5	7.07	7.07	NA	NA	1.62	10.48	2.07	6.01
1DUQ	26	5	4.86	6.16	0.66	7.24	2.41	9.03	NA	NA
1I9X	26	5	6.74	8.35	1.82	5.52	3.26	9.25	4.37	9.64
387D	26	5	7.69	7.69	NA	NA	3.95	9.96	3.63	7.88
413D	26	5	8.44	8.44	NA	NA	1.17	13.29	4.23	6.62
1Q93	27	4	7.66	7.66	NA	NA	0.98	9.64	0.90	5.85
1MSY	27	5	4.71	10.06	NA	NA	1.27	8.3	1.58	5.54
397D	27	6	4.09	10.16	NA	NA	2.32	8.73	3.15	6.04
1QBP	28	5	4.2	8.98	1.02	6.35	1.99	8.3	2.07	4.97
1CSL	28	7	3.86	9.69	NA	NA	2.96	11.99	5.86	8.84
405D	32	5	2.43	4.73	0.62	2.64	1.18	8.5	3.42	6.63
1T0D	33	8	3.14	13.87	NA	NA	NA	NA	3.67	7.06
2OE6	33	8	4.77	14.12	NA	NA	NA	NA	4.67	7.33
406D	34	5	3.47	9.7	NA	NA	NA	NA	3.13	4.87
1T0E	35	9	3.53	14.66	NA	NA	NA	NA	3.97	6.49
1F1T	38	7	3.68	9.37	2.17	6.86	NA	NA	4.17	7.48
1KFO	38	11	6.39	14.91	NA	NA	NA	NA	5.99	10.72
1MME	41	8	5.76	10.44	NA	NA	NA	NA	NA	NA
2NOK	44	12	4.88	16.77	NA	NA	NA	NA	6.48	10.65
1XJR	47	12	6.23	13.16	5.48	10.82	NA	NA	5.44	9.33
1D4R	57	10	8.07	21.61	NA	NA	NA	NA	4.17	9.03
357D	60	8	12.17	25.42	5.27	23.23	NA	NA	3.28	10.85
1KXK	70	10	8.35	21.28	5.06	12.07	NA	NA	6.80	14.00
1DUH	90	13	8.63	33.33	NA	NA	NA	NA	NA	NA
1Z43	101	18	8.98	15.54	NA	NA	NA	NA	31.24	55.70

Table ST2: **Comparison of RMSD values.** Comparison of the RMSD ranges obtained for different methods with the *evaluation set*. Minimum values of RMSD for each example are shown in blue.