Table S1. Comparison of spatial restraints taken from multiple templates and from the single best threading template (the latter shown in parentheses).

	Side-chain contact restraints			Cα contact restraints			Short distance map[d]	Long distance map[e]	RM[f]	TM[g]
	N[a]	Acc[b]	Cov[c]	N[a]	Acc[b]	Cov[c]				
HA-targets										
T0388_1	163	0.42(0.51)	0.96(0.92)	103	0.82(0.88)	0.96(0.95)	0.26(0.24)	0.59(0.53)	1.2	0.950
T0390_1	107	0.37(0.45)	0.93(0.90)	105	0.68(0.81)	0.93(0.87)	0.61(0.48)	0.55(0.71)	1.6	0.919
T0392_1	59	0.36(0.38)	0.95(0.78)	75	0.69(0.78)	0.87(0.67)	0.38(0.57)	0.48(0.91)	1.4	0.905
T0396_1	68	0.38(0.43)	0.88(0.81)	15	0.48(0.60)	0.93(0.80)	0.31(0.37)	0.91(1.01)	2.1	0.895
T0398_1	117	0.33(0.44)	0.93(0.91)	100	0.65(0.88)	0.91(0.89)	0.76(0.31)	0.46(0.49)	0.7	0.977
T0398_2	120	0.36(0.52)	0.95(0.89)	99	0.66(0.97)	0.93(0.88)	0.43(0.19)	0.37(0.35)	0.6	0.985
T0400_1	158	0.38(0.53)	0.85(0.83)	99	0.68(0.86)	0.91(0.87)	0.52(0.38)	0.58(0.89)	1.5	0.921
T0402_1	95	0.34(0.40)	0.84(0.68)	97	0.75(0.82)	0.92(0.75)	0.56(0.55)	0.74(1.06)	1.9	0.867
T0404_1	56	0.37(0.45)	0.89(0.84)	58	0.75(0.83)	0.88(0.86)	0.34(0.27)	0.53(0.61)	1.0	0.918
T0416_1	196	0.37(0.44)	0.87(0.73)	105	0.71(0.85)	0.82(0.75)	0.43(0.32)	0.56(0.94)	1.5	0.940
T0418_1	146	0.42(0.47)	0.92(0.76)	92	0.70(0.74)	0.90(0.79)	0.41(0.49)	0.44(0.95)	1.6	0.917
T0418_2	47	0.38(0.34)	0.83(0.64)	13	0.42(0.36)	0.62(0.38)	0.46(0.81)	0.70(1.29)	1.8	0.791
T0422_2	58	0.47(0.52)	0.93(0.90)	14	0.46(0.42)	0.79(0.36)	0.57(0.52)	0.70(0.93)	1.7	0.845
T0423_1	138	0.40(0.50)	0.88(0.84)	125	0.81(0.90)	0.80(0.72)	0.36(0.25)	0.77(0.63)	1.5	0.941
T0426_1	287	0.45(0.50)	0.98(0.87)	263	0.85(0.92)	0.96(0.91)	0.20(0.20)	0.18(0.41)	0.7	0.987
T0428_1	228	0.43(0.54)	0.98(0.95)	157	0.81(0.89)	0.95(0.90)	0.23(0.24)	0.27(0.47)	1.0	0.974
T0432_1	93	0.41(0.57)	0.92(0.83)	21	0.62(0.67)	0.86(0.57)	0.41(0.51)	0.76(1.00)	1.8	0.911
T0435_1	116	0.39(0.49)	0.84(0.79)	128	0.69(0.89)	0.84(0.80)	0.59(0.69)	1.25(1.80)	3.8	0.842
T0437_1	48	0.33(0.42)	0.73(0.67)	48	0.53(0.62)	0.67(0.48)	0.49(0.45)	1.10(1.20)	1.6	0.849
T0438_1	144	0.36(0.39)	0.81(0.74)	127	0.67(0.77)	0.86(0.76)	0.60(0.44)	0.84(0.79)	1.5	0.926
T0438_2	188	0.41(0.45)	0.90(0.86)	180	0.79(0.89)	0.87(0.78)	0.35(0.28)	0.58(0.56)	1.2	0.967
T0441_2	131	0.33(0.34)	0.83(0.73)	123	0.67(0.70)	0.83(0.76)	0.63(0.72)	0.74(1.23)	2.0	0.902
T0442_1	134	0.45(0.48)	0.90(0.90)	123	0.80(0.82)	0.84(0.80)	0.52(0.30)	0.89(0.59)	1.2	0.950
T0442_2	46	0.37(0.36)	0.76(0.70)	51	0.75(0.79)	0.75(0.65)	0.58(0.26)	0.77(0.64)	0.8	0.939
T0444_1	265	0.43(0.53)	0.95(0.91)	49	0.66(0.73)	0.86(0.73)	0.26(0.26)	0.33(0.52)	1.3	0.962
T0445_1	158	0.40(0.47)	0.92(0.80)	118	0.71(0.82)	0.86(0.78)	0.36(0.37)	0.55(0.96)	1.6	0.913
T0447_1	576	0.42(0.47)	0.90(0.84)	400	0.79(0.82)	0.81(0.81)	0.40(0.31)	0.67(0.65)	1.4	0.975
T0450_1	469	0.34(0.42)	0.90(0.80)	353	0.68(0.77)	0.83(0.69)	0.45(0.37)	0.68(0.90)	1.5	0.968
T0452_1	140	0.37(0.47)	0.75(0.81)	98	0.63(0.74)	0.78(0.74)	0.64(0.39)	0.71(1.16)	1.9	0.888
T0452_2	131	0.39(0.45)	0.91(0.83)	109	0.76(0.81)	0.88(0.79)	0.35(0.29)	0.51(0.72)	1.2	0.953
T0453_1	79	0.37(0.43)	0.82(0.72)	67	0.84(0.92)	0.96(0.90)	0.50(0.39)	0.45(1.01)	1.6	0.872
T0454_1	31	0.43(0.46)	0.94(0.94)	9	0.36(0.36)	0.56(0.56)	0.32(0.38)	0.46(0.69)	1.1	0.86
T0455_1	108	0.33(0.39)	0.92(0.80)	129	0.82(0.92)	0.96(0.90)	0.36(0.39)	0.48(0.95)	1.6	0.909
T0456_2	143	0.36(0.41)	0.92(0.76)	73	0.62(0.62)	0.81(0.45)	0.68(0.87)	0.85(1.70)	5.1	0.872
T0458_1	62	0.43(0.51)	0.97(0.94)	48	0.90(0.89)	0.90(0.88)	0.27(0.23)	0.37(0.50)	0.8	0.947
T0459_1	66	0.51(0.54)	0.95(0.77)	28	0.62(0.69)	0.93(0.79)	0.49(0.44)	0.63(1.05)	1.6	0.877
T0461_1	118	0.37(0.41)	0.92(0.91)	114	0.70(0.78)	0.92(0.89)	0.32(0.29)	0.89(0.81)	1.8	0.911
T0470_1	78	0.40(0.48)	0.87(0.78)	23	0.59(0.75)	0.74(0.65)	0.56(0.62)	0.85(1.11)	2.1	0.877
T0470_2	46	0.41(0.44)	0.78(0.57)	20	0.80(0.85)	0.80(0.55)	0.34(0.41)	0.42(0.78)	1.3	0.909
T0472_2	21	0.42(0.42)	0.90(0.90)	26	0.68(0.68)	0.81(0.81)	0.61(0.36)	1.19(0.93)	2.9	0.605
T0474_1	0	0.00(0.00)	0.00(0.00)	1	0.25(1.00)	1.00(1.00)	0.26(0.27)	0.66(0.94)	2.4	0.559
T0479_1	103	0.39(0.37)	0.86(0.71)	119	0.83(0.88)	0.87(0.81)	0.44(0.51)	0.65(1.19)	2.0	0.892

T0486_1	181	0.39(0.40)	0.88(0.77)	151	0.79(0.83)	0.89(0.79)	0.40(0.41)	0.54(1.14)	1.5	0.937
T0488_1	58	0.34(0.46)	0.95(0.93)	71	0.77(0.90)	0.94(0.93)	0.32(0.27)	0.40(0.64)	1.3	0.899
T0491_1	66	0.39(0.41)	0.89(0.80)	104	0.87(0.88)	0.95(0.88)	0.56(0.56)	1.04(1.26)	2.0	0.839
T0499_1	43	0.44(0.48)	0.88(0.81)	41	0.83(0.90)	0.95(0.93)	0.46(0.49)	0.72(0.99)	1.4	0.795
T0504_3	53	0.59(0.50)	0.66(0.60)	51	0.81(0.79)	0.76(0.73)	0.67(0.64)	0.62(2.94)	1.8	0.749
T0505_1	154	0.42(0.51)	0.93(0.88)	114	0.78(0.84)	0.92(0.86)	0.38(0.26)	0.61(0.73)	1.5	0.940
T0506_1	108	0.41(0.44)	0.92(0.89)	108	0.81(0.87)	0.84(0.83)	0.46(0.47)	0.88(0.91)	1.7	0.904
T0508_1	200	0.44(0.52)	0.84(0.78)	122	0.80(0.86)	0.84(0.78)	0.43(0.36)	0.64(0.90)	1.4	0.936
Average (HA)	**128.0**	**0.39(0.45)**	**0.87(0.79)**	**97.3**	**0.70(0.79)**	**0.86(0.77)**	**0.45(0.41)**	**0.65(0.92)**	**1.6**	**0.895**
TBM targets										
T0389_1	111	0.34(0.40)	0.79(0.69)	74	0.71(0.75)	0.86(0.69)	0.87(0.52)	0.93(1.50)	3.2	0.822
T0391_1	133	0.34(0.37)	0.70(0.62)	128	0.68(0.69)	0.69(0.60)	0.77(0.78)	2.44(3.38)	11.2	0.708
T0393_1	160	0.28(0.33)	0.64(0.46)	102	0.34(0.54)	0.58(0.51)	0.86(0.71)	0.92(1.53)	3.6	0.802
T0393_2	34	0.23(0.40)	0.68(0.65)	10	0.27(0.43)	0.40(0.30)	0.63(0.60)	0.90(1.19)	2.1	0.789
T0394_1	258	0.30(0.30)	0.51(0.43)	175	0.56(0.48)	0.60(0.46)	0.72(0.78)	2.46(4.56)	10.9	0.638
T0395_1	212	0.30(0.32)	0.53(0.34)	106	0.51(0.61)	0.53(0.36)	0.91(0.78)	2.43(2.83)	14.9	0.545
T0397_2	52	0.17(0.17)	0.63(0.35)	79	0.48(0.52)	0.75(0.56)	1.10(1.10)	1.79(2.36)	3.9	0.623
T0399_1	141	0.22(0.26)	0.40(0.42)	150	0.45(0.49)	0.53(0.49)	1.16(0.96)	2.94(3.09)	8.1	0.524
T0401_1	115	0.26(0.26)	0.52(0.45)	100	0.53(0.46)	0.62(0.44)	0.98(0.90)	1.42(2.23)	4.2	0.716
T0406_1	119	0.27(0.31)	0.67(0.52)	41	0.34(0.32)	0.32(0.22)	0.59(0.54)	1.15(2.35)	3.3	0.778
T0407_1	280	0.33(0.34)	0.56(0.49)	186	0.71(0.75)	0.76(0.70)	0.93(0.78)	1.39(2.04)	4.2	0.768
T0407_2	86	0.13(0.15)	0.20(0.22)	96	0.27(0.36)	0.26(0.36)	1.57(1.52)	1.80(5.02)	11.2	0.315
T0408_1	51	0.48(0.35)	0.88(0.45)	15	0.45(0.46)	0.67(0.40)	0.36(0.44)	1.00(4.80)	1.8	0.827
T0409_1	43	0.25(0.36)	0.74(0.58)	59	0.57(0.79)	0.83(0.63)	0.67(0.34)	1.03(1.34)	3.0	0.651
T0411_1	110	0.32(0.44)	0.76(0.70)	64	0.41(0.56)	0.77(0.72)	0.75(0.56)	0.76(1.33)	3.3	0.794
T0412_1	143	0.36(0.40)	0.80(0.73)	94	0.59(0.61)	0.83(0.82)	0.73(0.72)	1.07(1.76)	3.1	0.837
T0413_1	295	0.24(0.20)	0.36(0.26)	197	0.45(0.38)	0.49(0.38)	1.08(1.17)	2.14(4.71)	9.2	0.602
T0414_1	127	0.44(0.37)	0.56(0.39)	131	0.69(0.76)	0.72(0.62)	0.89(0.83)	1.80(1.47)	8.0	0.632
T0415_1	95	0.38(0.43)	0.76(0.74)	92	0.72(0.81)	0.80(0.80)	0.85(0.38)	1.29(1.03)	2.2	0.814
T0417_1	125	0.27(0.27)	0.69(0.51)	105	0.47(0.57)	0.70(0.56)	0.92(0.96)	1.15(2.37)	4.3	0.751
T0419_1	208	0.30(0.25)	0.40(0.32)	88	0.41(0.33)	0.43(0.38)	0.77(0.60)	2.53(3.48)	11.8	0.584
T0419_2	216	0.27(0.29)	0.42(0.36)	92	0.42(0.53)	0.41(0.45)	0.78(0.62)	2.66(2.24)	10.0	0.610
T0420_1	152	0.22(0.23)	0.58(0.43)	110	0.41(0.53)	0.53(0.50)	1.01(0.98)	1.52(2.26)	3.4	0.751
T0421_1	187	0.31(0.22)	0.45(0.34)	73	0.42(0.26)	0.47(0.33)	0.82(1.00)	1.91(3.18)	7.4	0.665
T0422_1	160	0.38(0.47)	0.86(0.83)	103	0.74(0.84)	0.81(0.70)	0.58(0.46)	1.58(0.94)	4.0	0.881
T0424_1	164	0.32(0.37)	0.75(0.65)	195	0.68(0.77)	0.85(0.81)	0.48(0.51)	0.96(1.13)	2.3	0.862
T0424_2	75	0.36(0.39)	0.71(0.63)	53	0.63(0.65)	0.77(0.60)	0.65(0.60)	0.96(1.33)	2.3	0.766
T0424_3	28	0.22(0.24)	0.68(0.54)	36	0.57(0.67)	0.78(0.67)	0.29(0.26)	1.17(1.17)	1.9	0.718
T0425_1	180	0.36(0.38)	0.73(0.69)	127	0.54(0.58)	0.63(0.61)	0.71(0.67)	1.44(1.50)	2.9	0.833
T0427_1	195	0.35(0.36)	0.69(0.54)	126	0.50(0.55)	0.62(0.56)	0.74(0.78)	1.91(1.93)	3.2	0.83
T0427_2	158	0.33(0.39)	0.70(0.61)	113	0.43(0.45)	0.58(0.42)	0.71(0.68)	1.60(2.08)	3.9	0.807
T0429_1	42	0.37(0.42)	0.79(0.52)	60	0.70(0.85)	0.82(0.47)	0.86(0.89)	2.40(0.99)	9.0	0.342
T0429_2	57	0.19(0.21)	0.25(0.25)	63	0.34(0.26)	0.32(0.22)	1.32(0.98)	3.03(3.23)	11.4	0.296
T0430_1	108	0.22(0.25)	0.23(0.26)	97	0.40(0.43)	0.34(0.31)	0.91(1.09)	3.29(2.63)	8.5	0.517
T0430_2	167	0.11(0.12)	0.22(0.20)	91	0.20(0.19)	0.16(0.15)	1.54(1.71)	4.57(7.57)	15.2	0.430
T0431_1	75	0.30(0.40)	0.84(0.83)	71	0.53(0.75)	0.79(0.77)	1.02(0.64)	1.34(1.87)	3.6	0.779
T0431_2	324	0.36(0.43)	0.81(0.79)	136	0.63(0.78)	0.67(0.74)	0.58(0.39)	0.89(1.33)	2.9	0.892
T0433_1	199	0.34(0.40)	0.64(0.53)	135	0.69(0.79)	0.78(0.68)	0.80(0.71)	0.78(1.55)	2.4	0.879

T0434_1	162	0.39(0.47)	0.61(0.57)	152	0.72(0.90)	0.74(0.68)	0.74(0.74)	2.58(3.20)	12.3	0.689
T0436_1	414	0.29(0.32)	0.66(0.57)	247	0.57(0.59)	0.68(0.58)	0.71(0.69)	2.34(2.47)	6.2	0.833
T0440_1	291	0.36(0.39)	0.68(0.63)	184	0.62(0.67)	0.69(0.64)	0.73(0.60)	1.81(1.59)	3.4	0.858
T0441_1	72	0.25(0.30)	0.83(0.82)	72	0.60(0.68)	0.74(0.64)	0.55(0.56)	0.85(1.21)	2.3	0.818
T0443_3	39	0.32(0.11)	0.51(0.10)	30	0.50(0.09)	0.10(0.03)	0.83(1.24)	2.25(7.17)	10.3	0.39
T0445_2	89	0.28(0.33)	0.75(0.60)	77	0.59(0.54)	0.75(0.47)	0.75(0.79)	0.88(1.68)	2.4	0.788
T0446_1	31	0.28(0.29)	0.77(0.74)	44	0.70(0.71)	0.75(0.73)	0.96(0.86)	1.85(2.10)	3.6	0.663
T0446_2	23	0.19(0.22)	0.57(0.48)	37	0.53(0.47)	0.81(0.46)	0.96(1.13)	2.55(2.66)	3.0	0.543
T0448_1	227	0.30(0.34)	0.57(0.54)	141	0.50(0.64)	0.50(0.58)	0.84(0.78)	1.07(1.77)	4.6	0.769
T0449_1	344	0.27(0.29)	0.58(0.47)	345	0.57(0.65)	0.70(0.60)	0.98(1.07)	1.52(2.58)	4.8	0.780
T0451_1	105	0.25(0.29)	0.66(0.52)	116	0.66(0.78)	0.74(0.69)	0.66(0.59)	0.96(1.73)	2.7	0.813
T0454_2	94	0.29(0.29)	0.69(0.55)	22	0.31(0.31)	0.45(0.36)	0.61(0.76)	0.98(2.32)	3.4	0.736
T0456_1	53	0.33(0.36)	0.92(0.75)	68	0.74(0.81)	0.93(0.79)	0.44(0.54)	0.62(1.24)	2.7	0.757
T0457_1	194	0.30(0.34)	0.57(0.53)	108	0.48(0.49)	0.56(0.54)	0.88(0.83)	1.51(1.86)	4.2	0.767
T0457_2	92	0.19(0.19)	0.47(0.36)	73	0.41(0.47)	0.56(0.47)	1.22(1.30)	1.73(2.88)	5.7	0.606
T0460_1	62	0.11(0.05)	0.11(0.05)	48	0.21(0.08)	0.12(0.04)	1.56(1.20)	2.71(7.27)	12.3	0.262
T0462_1	62	0.34(0.44)	0.66(0.55)	61	0.64(0.74)	0.75(0.70)	0.56(0.63)	2.24(2.38)	2.2	0.760
T0462_2	56	0.34(0.44)	0.79(0.54)	50	0.51(0.75)	0.70(0.54)	0.85(0.68)	1.65(1.80)	2.0	0.721
T0463_1	185	0.25(0.30)	0.60(0.57)	148	0.60(0.65)	0.69(0.65)	0.87(0.74)	1.36(2.00)	6.2	0.762
T0464_1	50	0.42(0.45)	0.40(0.36)	43	0.57(0.62)	0.53(0.42)	0.80(0.68)	2.64(1.57)	4.1	0.561
T0466_1	63	0.18(0.05)	0.17(0.06)	86	0.67(0.17)	0.21(0.13)	1.28(1.41)	3.08(6.40)	10.1	0.297
T0468_1	49	0.30(0.30)	0.49(0.35)	52	0.33(0.36)	0.52(0.31)	1.07(1.07)	1.95(3.02)	5.7	0.396
T0469_1	45	0.47(0.47)	0.67(0.64)	21	0.65(0.65)	0.52(0.52)	0.69(0.54)	1.34(1.35)	2.2	0.737
T0471_1	96	0.35(0.50)	0.78(0.55)	71	0.54(0.63)	0.66(0.59)	0.59(0.39)	1.65(1.60)	1.9	0.800
T0472_1	45	0.59(0.59)	0.60(0.58)	46	0.94(0.93)	0.65(0.61)	0.46(0.42)	1.37(0.85)	5.0	0.660
T0473_1	51	0.40(0.40)	0.61(0.55)	19	0.52(0.48)	0.63(0.63)	0.51(0.64)	1.59(1.92)	1.9	0.705
T0475_1	109	0.43(0.51)	0.87(0.74)	114	0.79(0.81)	0.78(0.68)	0.69(0.75)	0.70(1.33)	2.5	0.839
T0477_1	213	0.32(0.36)	0.80(0.63)	136	0.60(0.62)	0.76(0.59)	0.62(0.64)	1.14(1.88)	4.8	0.857
T0478_1	95	0.14(0.09)	0.06(0.07)	27	0.00(0.00)	0.00(0.00)	0.50(0.40)	2.27(3.40)	8.1	0.426
T0478_2	97	0.24(0.26)	0.13(0.16)	25	0.00(0.24)	0.00(0.24)	0.62(0.38)	2.67(2.55)	9.3	0.425
T0480_1	19	0.20(0.29)	0.79(0.47)	20	0.33(0.50)	0.70(0.35)	1.23(0.80)	1.38(4.95)	2.7	0.368
T0481_1	110	0.32(0.35)	0.65(0.54)	32	0.50(0.52)	0.44(0.34)	0.56(0.64)	2.20(2.40)	3.4	0.746
T0483_1	267	0.40(0.43)	0.86(0.82)	144	0.59(0.66)	0.86(0.78)	0.56(0.57)	0.71(1.28)	4.5	0.857
T0485_1	201	0.37(0.34)	0.56(0.42)	135	0.70(0.77)	0.68(0.47)	0.80(0.86)	1.37(3.82)	5.6	0.747
T0487_1	137	0.20(0.23)	0.58(0.52)	143	0.51(0.64)	0.62(0.62)	0.93(0.91)	1.44(2.03)	3.2	0.790
T0487_2	84	0.17(0.17)	0.31(0.36)	94	0.66(0.60)	0.40(0.41)	1.26(1.33)	2.16(3.84)	6.1	0.503
T0487_3	44	0.12(0.09)	0.20(0.18)	58	0.40(0.20)	0.24(0.14)	1.48(1.01)	2.34(3.59)	6.2	0.383
T0487_4	60	0.02(0.03)	0.03(0.05)	79	0.15(0.19)	0.09(0.10)	1.94(2.01)	2.81(5.46)	12.0	0.246
T0487_5	103	0.16(0.20)	0.38(0.36)	85	0.28(0.37)	0.36(0.34)	0.96(1.08)	1.83(2.93)	4.8	0.580
T0489_1	213	0.26(0.20)	0.31(0.21)	83	0.44(0.17)	0.29(0.10)	0.96(1.35)	2.60(6.28)	10.6	0.502
T0490_1	370	0.32(0.33)	0.71(0.60)	280	0.58(0.61)	0.72(0.64)	0.67(0.66)	1.06(1.59)	2.6	0.897
T0492_1	57	0.36(0.42)	0.74(0.53)	61	0.69(0.75)	0.75(0.66)	0.67(0.77)	2.32(2.44)	6.3	0.725
T0493_1	138	0.40(0.42)	0.83(0.77)	104	0.70(0.69)	0.78(0.69)	0.59(0.51)	0.86(1.18)	2.0	0.878
T0494_1	319	0.38(0.41)	0.80(0.76)	213	0.79(0.82)	0.75(0.73)	0.62(0.60)	1.27(1.65)	3.5	0.900
T0495_1	117	0.20(0.24)	0.34(0.26)	95	0.44(0.44)	0.39(0.28)	1.10(1.30)	2.56(3.77)	13.7	0.465
T0496_2	11	0.25(0.20)	0.82(0.36)	3	0.38(0.25)	1.00(0.33)	0.48(1.12)	1.12(3.77)	3.1	0.707
T0497_1	102	0.32(0.32)	0.83(0.58)	100	0.75(0.81)	0.86(0.72)	0.60(0.60)	0.68(1.30)	2.1	0.862
T0498_1	26	0.15(0.13)	0.19(0.15)	10	0.12(0.00)	0.10(0.00)	3.19(3.24)	3.60(3.92)	9.2	0.272

T0501_1	223	0.30(0.35)	0.57(0.52)	113	0.47(0.52)	0.59(0.58)	0.84(0.82)	1.82(2.03)	3.8	0.771
T0501_2	109	0.25(0.27)	0.51(0.44)	89	0.54(0.63)	0.56(0.54)	1.17(1.26)	1.56(2.54)	4.8	0.67
T0502_1	78	0.29(0.32)	0.64(0.60)	113	0.64(0.64)	0.69(0.63)	0.66(0.69)	1.96(2.00)	3.4	0.75
T0503_1	133	0.36(0.37)	0.65(0.55)	111	0.88(0.92)	0.90(0.87)	0.48(0.58)	1.15(1.97)	2.7	0.800
T0504_1	52	0.50(0.32)	0.50(0.40)	63	0.91(0.78)	0.62(0.60)	0.90(1.22)	1.95(5.50)	15.0	0.423
T0504_2	74	0.45(0.22)	0.45(0.34)	65	0.80(0.54)	0.72(0.60)	1.29(1.38)	1.95(4.44)	16.3	0.279
T0505_2	88	0.22(0.27)	0.48(0.44)	79	0.53(0.52)	0.58(0.44)	0.94(0.70)	1.04(2.07)	3.7	0.666
T0506_2	60	0.34(0.36)	0.52(0.52)	48	0.86(0.91)	0.65(0.65)	0.56(0.51)	1.33(1.45)	2.8	0.757
T0507_1	111	0.26(0.31)	0.57(0.51)	62	0.39(0.49)	0.60(0.56)	0.93(0.76)	1.23(2.10)	5.1	0.676
T0509_1	168	0.34(0.37)	0.82(0.73)	132	0.68(0.72)	0.81(0.65)	0.62(0.56)	0.91(1.28)	2.1	0.891
T0510_1	130	0.24(0.07)	0.25(0.08)	147	0.55(0.32)	0.33(0.17)	1.12(1.15)	2.40(5.64)	14.8	0.431
T0510_2	51	0.29(0.46)	0.65(0.65)	19	0.29(0.30)	0.53(0.42)	0.93(0.88)	1.24(1.96)	4.7	0.562
T0511_1	215	0.35(0.39)	0.80(0.70)	179	0.61(0.61)	0.68(0.56)	0.75(0.69)	1.29(2.12)	4.8	0.825
T0512_1	387	0.25(0.25)	0.52(0.36)	396	0.48(0.52)	0.60(0.52)	1.15(0.89)	1.67(2.42)	4.1	0.808
T0513_1	186	0.26(0.26)	0.63(0.53)	181	0.51(0.51)	0.57(0.49)	0.80(0.73)	1.83(2.60)	9.5	0.713
T0514_1	126	0.16(0.08)	0.22(0.10)	135	0.38(0.03)	0.37(0.02)	1.34(1.78)	2.46(8.02)	15.0	0.316
Average (TBM)	**132.0**	**0.29(0.31)**	**0.58(0.48)**	**99.1**	**0.53(0.55)**	**0.59(0.50)**	**0.87(0.84)**	**1.72(2.66)**	**5.7**	**0.668**
FM targets										
T0397_1	62	0.16(0.05)	0.23(0.05)	66	0.35(0.09)	0.27(0.08)	1.18(1.19)	2.23(6.19)	10.2	0.262
T0405_1	30	0.11(0.02)	0.07(0.03)	6	0.00(0.07)	0.00(0.17)	1.03(1.32)	2.14(8.03)	9.1	0.373
T0405_2	167	0.08(0.01)	0.03(0.02)	112	0.00(0.00)	0.00(0.00)	1.73(2.49)	3.17(7.77)	14.9	0.300
T0416_2	28	0.00(0.00)	0.00(0.00)	9	0.00(0.00)	0.00(0.00)	1.05(0.95)	4.57(6.46)	4.1	0.528
T0443_1	37	0.44(0.60)	0.11(0.08)	5	0.00(0.00)	0.00(0.00)	0.70(0.47)	1.86(5.70)	8.3	0.468
T0443_2	39	0.27(0.00)	0.08(0.00)	46	1.00(0.00)	0.22(0.00)	1.78(0.33)	3.94(4.09)	8.0	0.351
T0465_1	81	0.29(0.11)	0.19(0.16)	43	0.43(0.15)	0.07(0.19)	1.03(1.23)	2.83(6.08)	10.4	0.363
T0476_1	44	0.14(0.15)	0.23(0.16)	22	0.55(0.29)	0.50(0.23)	1.27(1.37)	2.57(12.77)	6.7	0.398
T0482_1	51	0.42(0.09)	0.35(0.08)	52	0.59(0.00)	0.50(0.00)	1.26(1.28)	2.21(8.99)	8.1	0.446
T0496_1	111	0.13(0.03)	0.04(0.04)	60	0.20(0.00)	0.02(0.00)	1.34(2.55)	3.31(6.93)	12.5	0.317
T0510_3	22	0.00(0.07)	0.00(0.09)	24	0.00(0.00)	0.00(0.00)	1.67(2.32)	3.72(9.15)	10.9	0.249
T0513_2	48	0.00(0.04)	0.00(0.02)	38	0.00(0.00)	0.00(0.00)	1.75(1.33)	5.13(5.93)	4.3	0.507
Average (FM)	**60.0**	**0.17(0.10)**	**0.11(0.06)**	**40.2**	**0.26(0.05)**	**0.13(0.05)**	**1.32(1.40)**	**3.14(7.34)**	**9.0**	**0.380**
Average (All)	**125.5**	**0.31(0.34)**	**0.64(0.55)**	**94.2**	**0.56(0.59)**	**0.64(0.55)**	**0.77(0.75)**	**1.50(2.47)**	**4.7**	**0.712**

[a]Number of contacts appearing in the native structure.

[b]Accuracy of contact predictions: the number of correctly predicted contacts divided by the total number of contact predictions.

[c]Coverage of contact predictions: the number of correctly predicted contacts divided by the number of contacts in the native structure.

[d]Error of short-range distance predictions (|i-j|≤6) relative to the native structure.

[e]Error of long-range distance predictions (|i-j|>6) relative to the native structure.

[f]RMSD (Å) of the first submitted model by Zhang-Server (best in top 5 shown for FM).

[g]TM-score of the first submitted model by Zhang-Server (best in top 5 shown for FM).