# CASP16\_TWO-STATE\_TABLES

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Supplementary Table S1: Results for M1228 BestDockQ Two-State Score

Group	Group_Name	$Two\text{-}State\_Score$	V1_BestDockQ	V2_BestDockQ	V1_Model	V2_Model
TS294	KiharaLab	1.61	0.79	0.82	TS294_v1_1	TS294_v2_1
TS033	Diff	1.52	0.73	0.79	$TS033_v1_4$	$TS033_v2_5$
TS462	Zheng	1.49	0.81	0.68	$TS462_v1_3$	$TS462_v2_3$
TS204	Zou	1.48	0.65	0.83	$TS204_v1_2$	$TS204_v2_2$
TS325	405	1.42	0.61	0.81	$TS325_v1_1$	$TS325_v2_1$
TS159	406	1.42	0.61	0.81	TS159_v1_1	TS159_v2_1
TS304	AF3-server	1.40	0.59	0.81	$TS304_v1_2$	$TS304_v2_3$
TS241	elofsson	1.37	0.58	0.78	$TS241_v1_3$	TS241_v2_1
TS091	Huang-HUST	1.36	0.75	0.61	TS091_v1_3	$TS091_v2_2$
TS262	CoDock	1.31	0.69	0.62	$TS262_v1_1$	$TS262_v2_3$
TS231	B-LAB	1.29	0.53	0.77	$TS231_v1_2$	TS231_v2_1
TS489	Fernandez-Recio	1.29	0.65	0.64	TS489_v1_1	TS489_v2_1
TS481	Vfold	1.26	0.60	0.65	TS481_v1_4	$TS481_v2_2$
TS208	falcon2	1.24	0.50	0.74	TS208_v1_1	TS208_v2_5
TS286	CSSB_experimental	1.19	0.59	0.60	TS286_v1_1	TS286_v2_1
TS110	MIEnsembles-Server	1.19	0.55	0.63	TS110_v1_3	TS110_v2_5
TS028	NKRNA-s	1.16	0.55	0.61	TS028_v1_4	TS028_v2_4
TS450	OpenComplex_Server	1.07	0.51	0.56	$TS450_v1_1$	$TS450_v2_2$
TS167	OpenComplex	1.07	0.51	0.56	$TS167_v1_1$	TS167_v2_2
TS022	Yang	0.38	0.18	0.20	$TS022_v1_4$	$TS022_v2_5$
TS052	Yang-Server	0.38	0.18	0.20	$TS052_v1_3$	$TS052_v2_5$
TS456	Yang-Multimer	0.36	0.17	0.18	$TS456_v1_4$	$TS456_v2_5$
TS494	ClusPro	0.34	0.17	0.17	$TS494_v1_2$	$TS494_v2_3$
TS274	kozakovvajda	0.34	0.17	0.17	$TS274_v1_2$	$TS274_v2_3$
TS014	Cool-PSP	0.32	0.18	0.14	$TS014\_v1\_4$	$TS014\_v2\_4$

Supplementary Table S2: Results for M1228 GDT TS Two-State Score

Group	Group_Name	Two-State_Score	V1_GDT_TS	V2_GDT_TS	V1_Model	V2_Model
TS294	KiharaLab	0.71	36.90	34.50	TS294_v1_1	TS294_v2_1
TS204	Zou	0.71	36.40	35.00	$TS204_v1_1$	$TS204_v2_2$
TS033	Diff	0.69	34.30	34.90	$TS033_v2_5$	$TS033_v1_5$
TS304	AF3-server	0.69	35.50	33.70	TS304_v1_3	$TS304_v2_3$
TS052	Yang-Server	0.69	33.70	35.40	$TS052_v1_4$	$TS052\_v2\_4$
TS286	CSSB_experimental	0.69	33.80	35.00	$TS286_v2_4$	TS286_v1_1
TS481	Vfold	0.67	35.50	31.80	TS481_v1_3	$TS481_v2_1$
TS456	Yang-Multimer	0.66	30.70	35.60	TS456_v1_3	$TS456\_v2\_3$
TS241	elofsson	0.66	30.60	35.10	$TS241_v2_5$	$TS241_v1_1$
TS022	Yang	0.66	33.30	32.30	TS022_v1_4	$TS022_v2_4$
TS462	Zheng	0.65	36.70	28.50	TS462_v1_3	$TS462_v2_1$
TS494	ClusPro	0.65	30.80	34.10	TS494_v1_2	$TS494_v2_1$
TS274	kozakovvajda	0.65	30.80	34.10	$TS274_v1_2$	$TS274_v2_1$
TS091	Huang-HUST	0.65	34.00	30.80	$TS091_v1_3$	$TS091_v2_2$
TS323	Yan	0.63	29.70	32.90	TS323_v1_1	TS323_v2_1
TS167	OpenComplex	0.62	30.60	31.70	TS167_v1_1	$TS167_v2_4$
TS450	OpenComplex_Server	0.62	30.60	31.70	TS450_v1_1	$TS450_v2_4$
TS028	NKRNA-s	0.61	31.90	29.40	$TS028_v2_5$	TS028_v1_2
TS489	Fernandez-Recio	0.61	31.20	29.40	TS489_v1_2	$TS489_v2_2$
TS014	Cool-PSP	0.60	25.30	34.60	TS014_v1_1	$TS014_v2_5$
TS110	MIEnsembles-Server	0.59	31.20	28.00	TS110_v2_4	TS110_v1_1
TS159	406	0.59	26.00	33.00	TS159_v1_1	$TS159_v2_1$
TS325	405	0.59	26.00	33.00	$TS325_v1_1$	$TS325_v2_1$
TS262	CoDock	0.55	34.00	21.30	$TS262_v1_1$	$TS262\_v2\_2$
TS231	B-LAB	0.47	11.70	35.80	$TS231_v1_5$	$TS231_v2_1$
TS208	falcon2	0.45	11.60	33.60	TS208_v2_5	TS208_v1_1

Supplementary Table S3: Results for M1228 Global LDDT Two-State Score

Group	Group_Name	Two-State_Score	V1_GlobalLDDT	V2_GlobalLDDT	V1_Model	V2_Model
TS204	Zou	1.33	0.65	0.68	TS204_v1_5	TS204_v2_5
TS294	KiharaLab	1.32	0.66	0.66	TS294_v1_1	TS294_v2_3
TS091	Huang-HUST	1.31	0.66	0.64	TS091_v1_3	$TS091_v2_2$
TS033	Diff	1.29	0.65	0.65	TS033_v1_4	$TS033_v2_4$
TS462	Zheng	1.29	0.67	0.62	TS462_v1_3	$TS462_v2_2$
TS241	elofsson	1.28	0.62	0.66	TS241_v1_3	TS241_v2_1
TS325	405	1.27	0.62	0.65	TS325_v1_1	TS325_v2_1
TS159	406	1.27	0.62	0.65	TS159_v1_1	TS159_v2_1
TS110	MIEnsembles-Server	1.27	0.62	0.65	TS110_v1_4	TS110_v2_3
TS028	NKRNA-s	1.27	0.62	0.65	TS028_v1_5	TS028_v2_4
TS481	Vfold	1.26	0.62	0.64	TS481_v1_1	TS481_v2_1
TS304	AF3-server	1.26	0.61	0.65	TS304_v1_3	TS304_v2_1
TS286	CSSB_experimental	1.26	0.63	0.63	TS286_v1_1	TS286_v2_1
TS208	falcon2	1.25	0.61	0.64	TS208_v1_1	TS208_v2_5
TS262	CoDock	1.25	0.63	0.62	$TS262_v1_1$	TS262_v2_3
TS231	B-LAB	1.25	0.61	0.64	TS231_v1_2	TS231_v2_5
TS450	OpenComplex_Server	1.23	0.62	0.61	TS450_v1_4	$TS450_v2_5$
TS167	OpenComplex	1.23	0.62	0.61	$TS167_v1_4$	TS167_v2_5
TS489	Fernandez-Recio	1.20	0.62	0.57	TS489_v1_2	TS489_v2_1
TS022	Yang	1.04	0.53	0.52	TS022_v1_3	TS022_v2_3
TS323	Yan	1.04	0.52	0.52	TS323_v1_1	TS323_v2_1
TS456	Yang-Multimer	1.04	0.52	0.52	$TS456_v1_1$	$TS456_v2_5$
TS052	Yang-Server	1.03	0.52	0.52	$TS052_v1_1$	$TS052_v2_5$
TS014	Cool-PSP	1.03	0.52	0.51	TS014_v1_3	TS014_v2_3
TS494	ClusPro	1.00	0.50	0.50	$TS494_v1_2$	TS494_v2_3
TS274	kozakovvajda	1.00	0.50	0.50	$TS274\_v1\_2$	$TS274\_v2\_3$

Supplementary Table S4: Results for M1228 GlobDockQ Two-State Score

Group	$Group\_Name$	$Two\text{-}State\_Score$	$\rm V1\_GlobDockQ$	$V2\_GlobDockQ$	$V1\_Model$	V2_Model
TS294	KiharaLab	0.72	0.34	0.37	TS294_v1_1	TS294_v2_1
TS033	Diff	0.68	0.32	0.36	$TS033_v1_4$	$TS033_v2_5$
TS462	Zheng	0.66	0.35	0.31	$TS462_v1_3$	$TS462_v2_3$
TS204	Zou	0.66	0.28	0.38	$TS204_v1_2$	$TS204_v2_2$
TS022	Yang	0.64	0.30	0.34	TS022_v1_4	$TS022_v2_5$
TS159	406	0.64	0.27	0.37	TS159_v1_1	$TS159_v2_1$
TS325	405	0.64	0.27	0.37	$TS325_v1_1$	$TS325_v2_1$
TS052	Yang-Server	0.63	0.29	0.34	$TS052_v1_3$	$TS052_v2_5$
TS304	AF3-server	0.62	0.26	0.37	TS304_v1_2	$TS304_v2_3$
TS241	elofsson	0.61	0.25	0.35	$TS241_v1_3$	$TS241_v2_1$
TS091	Huang-HUST	0.60	0.32	0.28	TS091_v1_3	$TS091_v2_2$
TS456	Yang-Multimer	0.59	0.29	0.30	$TS456_v1_4$	$TS456_v2_5$
TS262	CoDock	0.58	0.30	0.28	$TS262_v1_1$	$TS262_v2_3$
TS231	B-LAB	0.58	0.23	0.35	TS231_v1_5	$TS231_v2_1$
TS489	Fernandez-Recio	0.57	0.28	0.29	TS489_v1_1	$TS489_v2_1$
TS494	ClusPro	0.56	0.28	0.29	TS494_v1_2	TS494_v2_3
TS274	kozakovvajda	0.56	0.28	0.29	$TS274_v1_2$	$TS274_v2_3$
TS481	Vfold	0.56	0.26	0.30	TS481_v1_4	TS481_v2_2
TS208	falcon2	0.55	0.22	0.34	TS208_v1_1	$TS208_v2_5$
TS286	CSSB_experimental	0.53	0.26	0.27	TS286_v1_1	$TS286_v2_1$
TS110	MIEnsembles-Server	0.53	0.24	0.29	TS110_v1_3	$TS110_{v2}$
TS014	Cool-PSP	0.53	0.29	0.23	$TS014_v1_4$	$TS014\_v2\_4$
TS028	NKRNA-s	0.52	0.24	0.28	$TS028_v1_4$	$TS028_v2_4$
TS450	OpenComplex_Server	0.48	0.22	0.25	$TS450_v1_4$	$TS450_v2_2$
TS167	OpenComplex	0.48	0.22	0.25	$TS167_v1_4$	TS167_v2_2

Supplementary Table S5: Results for M1228 TMscore Two-State Score

Group	Group_Name	$Two\text{-}State\_Score$	V1_TMscore	V2_TMscore	V1_Model	V2_Model
TS028	NKRNA-s	1.56	0.80	0.76	$TS028\_v2\_5$	TS028_v1_5
TS462	Zheng	1.55	0.77	0.78	$TS462_v1_1$	$TS462_v2_1$
TS481	Vfold	1.54	0.74	0.79	TS481_v1_4	$TS481_v2_1$
TS286	CSSB_experimental	1.52	0.75	0.77	$TS286_v2_5$	$TS286_v1_3$
TS091	Huang-HUST	1.50	0.71	0.79	$TS091_v2_1$	$TS091_v1_2$
TS052	Yang-Server	1.50	0.69	0.81	$TS052\_v2\_3$	$TS052_v1_1$
TS033	Diff	1.50	0.71	0.79	TS033_v1_5	$TS033_v2_2$
TS022	Yang	1.50	0.70	0.80	$TS022_v1_4$	$TS022_v2_2$
TS450	OpenComplex_Server	1.49	0.79	0.71	$TS450_v2_4$	$TS450_v1_1$
TS167	OpenComplex	1.49	0.79	0.71	$TS167_v2_4$	TS167_v1_1
TS304	AF3-server	1.49	0.71	0.78	TS304_v1_4	$TS304_v2_5$
TS262	CoDock	1.49	0.80	0.70	$TS262_v1_1$	$TS262_v2_3$
TS494	ClusPro	1.46	0.69	0.77	$TS494_v2_2$	TS494_v1_3
TS274	kozakovvajda	1.46	0.69	0.77	$TS274_v2_2$	$TS274_v1_3$
TS456	Yang-Multimer	1.46	0.67	0.78	$TS456\_v2\_3$	TS456_v1_1
TS204	Zou	1.45	0.73	0.73	$TS204_v1_1$	$TS204_v2_1$
TS241	elofsson	1.44	0.69	0.76	$TS241_v1_3$	$TS241_v2_3$
TS110	MIEnsembles-Server	1.44	0.66	0.79	TS110_v1_2	TS110_v2_3
TS294	KiharaLab	1.44	0.72	0.72	$TS294_v1_5$	$TS294_v2_1$
TS369	Bhattacharya	1.40	0.72	0.69	$TS369_v2_5$	$TS369_v1_2$
TS231	B-LAB	1.40	0.68	0.72	$TS231_v1_2$	$TS231_v2_1$
TS208	falcon2	1.37	0.70	0.67	$TS208_v2_5$	TS208_v1_1
TS489	Fernandez-Recio	1.37	0.67	0.70	TS489_v2_2	TS489_v1_2
TS323	Yan	1.33	0.65	0.68	$TS323_v1_1$	$TS323_v2_1$
TS325	405	1.32	0.63	0.69	$TS325_v1_1$	$TS325_v2_1$
TS159	406	1.32	0.63	0.69	$TS159_v1_1$	$TS159_v2_1$
TS014	Cool-PSP	1.31	0.61	0.71	$TS014\_v1\_4$	$TS014_v2_5$

Supplementary Table S6: Results for M1239 BestDockQ Two-State Score

Group	Group_Name	$Two\text{-}State\_Score$	$V1\_BestDockQ$	V2_BestDockQ	V1_Model	V2_Model
TS294	KiharaLab	1.53	0.79	0.74	TS294_v1_4	TS294_v2_3
TS286	CSSB_experimental	1.49	0.76	0.74	$TS286_v1_4$	$TS286_v2_1$
TS110	MIEnsembles-Server	1.47	0.82	0.65	TS110_v1_1	$TS110_v2_4$
TS489	Fernandez-Recio	1.34	0.77	0.57	TS489_v1_5	TS489_v2_4
TS208	falcon2	1.34	0.73	0.61	TS208_v1_2	TS208_v2_4
TS481	Vfold	1.32	0.77	0.55	TS481_v1_4	$TS481_v2_2$
TS325	405	1.27	0.70	0.58	$TS325_v1_2$	$TS325_v2_2$
TS159	406	1.27	0.70	0.58	$TS159_v1_2$	TS159_v2_2
TS167	OpenComplex	1.24	0.76	0.49	$TS167_v1_4$	TS167_v2_5
TS450	OpenComplex_Server	1.24	0.76	0.49	TS450_v1_4	$TS450_v2_5$
TS091	Huang-HUST	1.22	0.66	0.56	TS091_v1_5	TS091_v2_5
TS262	CoDock	1.21	0.67	0.54	$TS262_v1_5$	$TS262_v2_4$
TS033	Diff	1.20	0.66	0.54	TS033_v1_3	$TS033_v2_3$
TS028	NKRNA-s	1.17	0.59	0.58	TS028_v1_3	$TS028\_v2\_3$
TS462	Zheng	1.15	0.59	0.57	$TS462_v1_4$	$TS462_v2_5$
TS231	B-LAB	1.13	0.65	0.48	$TS231_v1_2$	$TS231_v2_5$
TS235	isyslab-hust	0.90	0.46	0.44	$TS235_v1_1$	TS235_v2_5
TS272	GromihaLab	0.78	0.45	0.34	TS272_v1_3	$TS272_v2_3$
TS241	elofsson	0.68	0.36	0.32	$TS241_v1_3$	$TS241_v2_3$
TS304	AF3-server	0.64	0.32	0.32	$TS304_v1_1$	TS304_v2_4
TS014	Cool-PSP	0.27	0.15	0.12	$TS014_v1_1$	$TS014\_v2\_2$

Supplementary Table S7: Results for M1239 GDT TS Two-State Score

Group	$Group\_Name$	$Two\text{-}State\_Score$	$V1\_GDT\_TS$	$V2\_GDT\_TS$	$V1\_Model$	V2_Model
TS235	isyslab-hust	0.59	30.00	28.80	TS235_v2_4	TS235_v1_2
TS462	Zheng	0.59	30.60	28.20	$TS462_v2_2$	$TS462_v1_4$
TS028	NKRNA-s	0.57	29.80	27.70	TS028_v1_4	$TS028\_v2\_2$
TS110	MIEnsembles-Server	0.56	29.40	26.50	TS110_v1_1	$TS110_v2_4$
TS481	Vfold	0.54	27.40	27.00	$TS481_v1_4$	$TS481_v2_5$
TS286	CSSB_experimental	0.54	26.60	27.50	TS286_v1_5	$TS286_v2_1$
TS262	CoDock	0.54	28.00	26.00	$TS262_v2_2$	$TS262_v1_4$
TS294	KiharaLab	0.53	25.60	26.90	$TS294_v2_2$	$TS294_v1_1$
TS033	Diff	0.51	25.90	25.40	$TS033_v2_1$	$TS033_v1_3$
TS231	B-LAB	0.51	27.90	23.00	$TS231_v2_1$	$TS231_v1_2$
TS091	Huang-HUST	0.51	25.50	25.30	$TS091_v1_2$	$TS091_v2_2$
TS489	Fernandez-Recio	0.51	25.60	24.90	TS489_v1_3	$TS489_v2_5$
TS208	falcon2	0.46	29.70	16.70	TS208_v1_4	$TS208_v2_1$
TS167	OpenComplex	0.44	27.90	16.40	TS167_v1_5	$TS167_v2_5$
TS450	OpenComplex_Server	0.44	27.90	16.40	$TS450_v1_5$	$TS450_v2_5$
TS325	405	0.41	25.20	15.50	$TS325_v1_2$	$TS325_v2_2$
TS159	406	0.41	25.20	15.50	$TS159_v1_2$	$TS159_v2_2$
TS014	Cool-PSP	0.40	19.40	20.20	TS014_v1_5	$TS014\_v2\_4$
TS241	elofsson	0.37	18.10	18.70	$TS241_v2_1$	TS241_v1_3
TS304	AF3-server	0.37	19.20	17.60	$TS304_v2_5$	$TS304_v1_1$
TS272	GromihaLab	0.29	14.60	14.60	$TS272\_v1\_3$	$TS272\_v2\_5$

Supplementary Table S8: Results for M1239 Global LDDT Two-State Score

Group	Group_Name	$Two\text{-}State\_Score$	V1_GlobalLDDT	$V2\_GlobalLDDT$	V1_Model	V2_Model
TS286	CSSB_experimental	1.47	0.73	0.73	TS286_v1_4	TS286_v2_1
TS294	KiharaLab	1.45	0.74	0.71	$TS294_v1_5$	$TS294_v2_5$
TS110	MIEnsembles-Server	1.40	0.73	0.67	TS110_v1_1	TS110_v2_5
TS489	Fernandez-Recio	1.40	0.72	0.68	TS489_v1_5	TS489_v2_4
TS208	falcon2	1.40	0.70	0.70	TS208_v1_1	TS208_v2_5
TS262	CoDock	1.39	0.70	0.69	$TS262_v1_2$	$TS262_v2_1$
TS462	Zheng	1.38	0.69	0.69	$TS462_v1_4$	$TS462_v2_2$
TS028	NKRNA-s	1.38	0.69	0.69	TS028_v1_3	TS028_v2_3
TS481	Vfold	1.37	0.71	0.66	TS481_v1_1	$TS481_v2_4$
TS159	406	1.36	0.68	0.68	TS159_v1_1	TS159_v2_1
TS325	405	1.35	0.68	0.67	$TS325_v1_1$	$TS325_v2_2$
TS450	OpenComplex_Server	1.35	0.69	0.66	$TS450_v1_1$	$TS450_v2_5$
TS167	OpenComplex	1.35	0.69	0.66	TS167_v1_1	TS167_v2_5
TS231	B-LAB	1.32	0.68	0.64	TS231_v1_1	$TS231_v2_1$
TS091	Huang-HUST	1.31	0.66	0.65	TS091_v1_5	$TS091_v2_5$
TS033	Diff	1.30	0.66	0.65	TS033_v1_4	TS033_v2_4
TS235	isyslab-hust	1.30	0.65	0.65	$TS235_v1_1$	$TS235_v2_2$
TS272	GromihaLab	1.27	0.64	0.63	TS272_v1_4	$TS272_v2_4$
TS014	Cool-PSP	1.01	0.51	0.50	TS014_v1_4	TS014_v2_6
TS241	elofsson	0.74	0.38	0.36	$TS241_v1_2$	$TS241_v2_3$
TS304	AF3-server	0.72	0.36	0.36	$TS304_v1_3$	$TS304_v2_2$

Supplementary Table S9: Results for M1239 GlobDockQ Two-State Score

Group	Group_Name	$Two\text{-}State\_Score$	$\rm V1\_GlobDockQ$	$V2\_GlobDockQ$	V1_Model	V2_Model
TS294	KiharaLab	0.71	0.36	0.35	TS294_v1_4	TS294_v2_3
TS286	CSSB_experimental	0.69	0.34	0.35	$TS286_v1_4$	$TS286_v2_1$
TS110	MIEnsembles-Server	0.68	0.37	0.31	$TS110_v1_1$	$TS110_v2_4$
TS241	elofsson	0.65	0.33	0.32	$TS241_v1_3$	$TS241_v2_3$
TS235	isyslab-hust	0.64	0.33	0.32	$TS235_v1_1$	$TS235_v2_5$
TS489	Fernandez-Recio	0.62	0.35	0.27	TS489_v1_5	$TS489_v2_4$
TS208	falcon2	0.62	0.33	0.29	TS208_v1_2	$TS208_v2_4$
TS304	AF3-server	0.61	0.29	0.32	TS304_v1_1	$TS304_v2_4$
TS481	Vfold	0.61	0.35	0.26	TS481_v1_4	$TS481_v2_2$
TS325	405	0.59	0.32	0.28	TS325_v1_2	$TS325_v2_2$
TS159	406	0.59	0.32	0.28	$TS159_v1_2$	$TS159_v2_2$
TS167	OpenComplex	0.58	0.34	0.23	$TS167_v1_4$	$TS167_v2_5$
TS450	OpenComplex_Server	0.58	0.34	0.23	TS450_v1_4	$TS450_v2_5$
TS091	Huang-HUST	0.57	0.30	0.27	TS091_v1_5	$TS091_v2_5$
TS262	CoDock	0.56	0.30	0.26	$TS262_v1_5$	$TS262_v2_4$
TS033	Diff	0.56	0.30	0.26	TS033_v1_3	TS033_v2_3
TS028	NKRNA-s	0.54	0.27	0.28	TS028_v1_3	TS028_v2_3
TS462	Zheng	0.54	0.27	0.27	$TS462_v1_4$	$TS462_v2_5$
TS231	B-LAB	0.52	0.30	0.23	$TS231_v1_2$	$TS231_v2_5$
TS014	Cool-PSP	0.46	0.25	0.21	TS014_v1_1	$TS014_v2_2$
TS272	GromihaLab	0.36	0.20	0.16	$TS272\_v1\_3$	$TS272\_v2\_3$

Supplementary Table S10: Results for M1239 TMscore Two-State Score

Group	$Group\_Name$	$Two\text{-}State\_Score$	$V1\_TMscore$	$V2\_TMscore$	V1_Model	V2_Model
TS294	KiharaLab	1.45	0.81	0.64	TS294_v1_1	TS294_v2_3
TS462	Zheng	1.41	0.75	0.66	$TS462_v2_3$	$TS462_v1_1$
TS110	MIEnsembles-Server	1.39	0.73	0.66	$TS110_v2_5$	TS110_v1_1
TS262	CoDock	1.37	0.74	0.63	$TS262_v1_3$	$TS262_v2_4$
TS028	NKRNA-s	1.37	0.72	0.64	$TS028_v1_5$	$TS028_v2_1$
TS235	isyslab-hust	1.35	0.67	0.68	$TS235_v2_4$	$TS235_v1_5$
TS489	Fernandez-Recio	1.33	0.71	0.63	TS489_v2_2	TS489_v1_3
TS481	Vfold	1.32	0.67	0.65	TS481_v1_5	$TS481_{-}v2_{-}5$
TS204	Zou	1.29	0.64	0.65	$TS204_v2_1$	$TS204_v1_5$
TS208	falcon2	1.27	0.67	0.60	TS208_v1_4	TS208_v2_1
TS325	405	1.27	0.64	0.63	$TS325_v1_2$	$TS325_v2_2$
TS159	406	1.27	0.64	0.63	$TS159_v1_2$	$TS159_v2_2$
TS286	CSSB_experimental	1.27	0.65	0.62	TS286_v1_2	$TS286_v2_2$
TS033	Diff	1.25	0.65	0.61	$TS033_v2_4$	$TS033_v1_2$
TS231	B-LAB	1.25	0.64	0.60	$TS231_v1_2$	$TS231_v2_1$
TS091	Huang-HUST	1.23	0.64	0.59	$TS091_v2_2$	$TS091_{-}v1_{-}5$
TS369	Bhattacharya	1.22	0.61	0.61	$TS369_v2_3$	$TS369_v1_3$
TS167	OpenComplex	1.19	0.57	0.62	$TS167_v2_1$	TS167_v1_1
TS450	OpenComplex_Server	1.19	0.57	0.62	$TS450_v2_1$	$TS450_v1_1$
TS014	Cool-PSP	1.06	0.52	0.54	$TS014\_v1\_5$	$TS014\_v2\_4$
TS272	GromihaLab	0.77	0.36	0.41	$TS272_v2_1$	$TS272_v1_3$
TS241	elofsson	0.69	0.35	0.34	$TS241_v1_4$	$TS241_v2_1$
TS304	AF3-server	0.66	0.33	0.33	$TS304\_v2\_4$	TS304_v1_1

Supplementary Table S11: Results for R1203 Composite Score 1 Two-State Score

Group	Group_Name	Two-State_Score	V1_Composite_Score_1	V2_Composite_Score_1	V1_Model	V2_Model
TS435	RNAFOLDX	106.98	55.05	51.93	TS435_v1_5	TS435_v2_6
TS241	elofsson	100.74	57.26	43.48	TS241_v1_3	$TS241_v2_2$
TS304	AF3-server	100.74	57.26	43.48	TS304_v1_3	$TS304_v2_2$
TS235	isyslab-hust	98.12	53.19	44.94	TS235_v1_2	TS235_v2_5
TS231	B-LAB	96.65	49.47	47.18	TS231_v1_1	$TS231_v2_5$
TS006	RNA_Dojo	95.76	46.31	49.45	$TS006_v1_2$	$TS006_v2_5$
TS159	406	95.63	39.00	56.64	$TS159_v1_4$	$TS159_v2_1$
TS369	Bhattacharya	87.97	47.35	40.62	TS369_v1_2	$TS369_v2_5$
TS267	kiharalab_server	86.82	41.17	45.65	$TS267_v1_1$	$TS267_v2_3$
TS417	GuangzhouRNA-meta	83.49	34.78	48.71	TS417_v1_5	$TS417_v2_4$
TS272	GromihaLab	83.04	38.56	44.48	$TS272_v1_4$	$TS272_v2_1$
TS286	CSSB_experimental	82.97	42.97	40.00	TS286_v1_1	TS286_v2_3
TS165	dfr	82.51	36.40	46.11	TS165_v1_3	$TS165_v2_5$
TS189	LCBio	82.18	46.75	35.43	TS189_v1_5	$TS189_v2_1$
TS052	Yang-Server	82.15	42.13	40.02	$TS052_v1_2$	$TS052_v2_4$
TS294	KiharaLab	81.15	38.56	42.59	TS294_v1_1	$TS294_v2_3$
TS028	NKRNA-s	80.84	44.82	36.02	TS028_v1_3	$TS028_v2_2$
TS238	BRIQX	80.70	36.15	44.55	TS238_v1_2	$TS238_v2_5$
TS156	SoutheRNA	77.89	47.36	30.54	TS156_v1_1	$TS156_v2_4$
TS183	GuangzhouRNA-human	77.89	42.03	35.85	TS183_v1_5	TS183_v2_2
TS448	dNAfold	77.26	43.23	34.03	TS448_v1_1	TS448_v2_5
TS317	GuangzhouRNA_AI	77.25	29.80	47.45	TS317_v1_5	$TS317_v2_4$
TS481	Vfold	74.20	33.37	40.83	TS481_v1_4	$TS481_v2_5$
TS338	GeneSilico	72.59	34.78	37.81	TS338_v1_5	TS338_v2_3
TS063	RNApolis	71.28	34.87	36.41	TS063_v1_4	TS063_v2_3
TS110	MIEnsembles-Server	69.61	25.72	43.89	TS110_v1_1	$TS110_v2_5$
TS456	Yang-Multimer	68.91	35.66	33.25	TS456_v1_2	$TS456_v2_1$
TS167	OpenComplex	65.39	25.69	39.70	TS167_v1_5	$TS167_v2_2$
TS462	Zheng	64.06	25.74	38.32	$TS462_v1_4$	$TS462_v2_1$
TS358	PerezLab_Gators	54.15	25.70	28.45	$TS358_v1_2$	$TS358_v2_1$
TS169	thermomaps	50.29	23.20	27.09	TS169_v1_5	$TS169_v2_2$
TS261	UNRES	46.08	19.62	26.46	$TS261_v1_1$	$TS261_v2_3$
TS450	OpenComplex_Server	45.74	23.63	22.12	TS450_v1_2	$TS450_v2_4$
TS400	OmniFold	43.12	0.00	43.12	$N/A^1$	$TS400_v2_1$
TS276	FrederickFolding	41.67	0.00	41.67	$N/A^1$	$TS276_v2_1$
TS094	SimRNA-Server	32.49	18.13	14.36	TS094_v1_2	$TS094_v2_3$
TS367	AIR	31.66	0.00	31.66	$N/A^1$	$TS367_v2_1$
TS298	Shanghai Tech-human	27.51	27.51	0.00	TS298_v1_1	$N/A^1$
TS423	Shanghai Tech-server	27.51	27.51	0.00	TS423_v1_1	$N/A^1$
TS403	mmagnus	22.46	22.46	0.00	TS403_v1_1	$N/A^1$
TS208	falcon2	20.64	20.64	0.00	TS208_v1_1	$N/A^1$
TS306	GeneSilicoRNA-server	15.63	0.00	15.63	N/A <sup>1</sup>	TS306_v2_1

 $<sup>^{1}</sup>$  Model either not submitted or not assessed

Supplementary Table S12: Results for R1203 Composite Score 2 Two-State Score

Group	Group_Name	Two-State_Score	V1_Composite_Score_2	V2_Composite_Score_2	V1_Model	V2_Model
TS435	RNAFOLDX	133.31	68.50	64.81	TS435_v1_5	TS435_v2_6
TS241	elofsson	124.44	71.30	53.15	TS241_v1_3	$TS241_v2_2$
TS304	AF3-server	124.44	71.30	53.15	TS304_v1_3	$TS304_v2_2$
TS006	RNA_Dojo	119.67	57.89	61.78	TS006_v1_2	$TS006_v2_5$
TS235	isyslab-hust	119.24	66.45	52.79	$TS235_v1_2$	$TS235_v2_5$
TS231	B-LAB	113.06	61.77	51.29	TS231_v1_1	$TS231_v2_5$
TS159	406	112.55	63.91	48.64	TS159_v1_1	$TS159_v2_4$
TS267	kiharalab_server	108.53	51.47	57.06	$TS267_v1_1$	$TS267_v2_3$
TS369	Bhattacharya	108.26	58.89	49.38	TS369_v1_2	$TS369_v2_5$
TS417	GuangzhouRNA-meta	104.31	43.47	60.84	TS417_v1_5	$TS417_v2_4$
TS052	Yang-Server	102.68	52.66	50.02	TS052_v1_2	$TS052_v2_4$
TS165	dfr	102.63	45.05	57.58	TS165_v1_3	$TS165_v2_5$
TS286	CSSB_experimental	102.39	53.67	48.72	TS286_v1_1	$TS286_v2_3$
TS028	NKRNA-s	101.05	56.03	45.02	TS028_v1_3	$TS028_v2_2$
TS294	KiharaLab	100.92	47.73	53.19	TS294_v1_1	$TS294_v2_3$
TS238	BRIQX	100.85	45.17	55.67	TS238_v1_2	TS238_v2_5
TS189	LCBio	99.94	58.12	41.82	TS189_v1_5	$TS189_v2_1$
TS183	GuangzhouRNA-human	97.34	52.53	44.80	TS183_v1_5	$TS183_v2_2$
TS272	GromihaLab	97.29	47.53	49.76	$TS272_v1_4$	$TS272_v2_1$
TS156	SoutheRNA	97.15	58.98	38.17	TS156_v1_1	$TS156_v2_4$
TS448	dNAfold	96.57	54.03	42.54	TS448_v1_1	$TS448_v2_5$
TS317	GuangzhouRNA_AI	95.74	37.24	58.50	TS317_v1_5	$TS317_v2_4$
TS481	Vfold	92.32	41.59	50.73	TS481_v1_4	$TS481_v2_5$
TS338	GeneSilico	90.02	42.87	47.15	TS338_v1_5	TS338_v2_3
TS063	RNApolis	87.78	42.26	45.51	TS063_v1_1	TS063_v2_3
TS110	MIEnsembles-Server	87.00	32.15	54.85	TS110_v1_1	TS110_v2_5
TS456	Yang-Multimer	86.14	44.58	41.56	$TS456_v1_2$	$TS456_v2_1$
TS167	OpenComplex	80.50	32.11	48.39	TS167_v1_5	$TS167_v2_2$
TS462	Zheng	80.07	32.17	47.90	$TS462_v1_4$	$TS462_v2_1$
TS358	PerezLab_Gators	67.69	32.12	35.56	TS358_v1_2	$TS358_v2_1$
TS169	thermomaps	62.86	29.00	33.86	TS169_v1_5	$TS169_v2_2$
TS261	UNRES	57.60	24.52	33.08	TS261_v1_1	TS261_v2_3
TS450	OpenComplex_Server	57.18	29.53	27.65	TS450_v1_2	$TS450_v2_4$
TS400	OmniFold	51.62	0.00	51.62	$N/A^1$	$TS400_v2_1$
TS276	FrederickFolding	51.19	0.00	51.19	$N/A^1$	TS276_v2_1
TS094	SimRNA-Server	40.61	22.66	17.95	TS094_v1_2	TS094_v2_3
TS367	AIR	39.57	0.00	39.57	$N/A^1$	TS367_v2_1
TS298	Shanghai Tech-human	34.39	34.39	0.00	TS298_v1_1	$N/A^1$
TS423	Shanghai Tech-server	34.39	34.39	0.00	TS423_v1_1	$N/A^1$
TS403	mmagnus	28.02	0.00	28.02	$N/A^1$	TS403_v2_1
TS208	falcon2	25.52	25.52	0.00	TS208_v1_1	N/A <sup>1</sup>
TS306	GeneSilicoRNA-server	19.54	0.00	19.54	N/A <sup>1</sup>	TS306_v2_1
1 2200	Genesinconna-server	19.54	0.00	19.54	IN / AL	10000_77_1

 $<sup>^{1}</sup>$  Model either not submitted or not assessed

Supplementary Table S13: Results for R1203 Composite Score 3 Two-State Score

Group	Group_Name	Two-State_Score	V1_Composite_Score_3	V2_Composite_Score_3	V1_Model	V2_Model
TS241	elofsson	83.89	49.85	34.05	TS241_v1_3	TS241_v2_2
TS304	AF3-server	83.89	49.85	34.05	TS304_v1_3	$TS304_v2_2$
TS235	isyslab-hust	80.87	46.39	34.48	TS235_v1_2	TS235_v2_5
TS435	RNAFOLDX	76.72	47.49	29.22	TS435_v1_5	$TS435_v2_6$
TS369	Bhattacharya	72.03	40.13	31.90	$TS369_v1_2$	$TS369_v2_5$
TS006	RNA_Dojo	70.26	30.77	39.49	$TS006_v1_1$	$TS006_v2_3$
TS272	GromihaLab	61.99	30.71	31.28	$TS272_v1_1$	$TS272_v2_5$
TS231	B-LAB	60.39	28.08	32.30	$TS231_v1_1$	$TS231_v2_5$
TS238	BRIQX	49.71	11.66	38.05	TS238_v1_2	TS238_v2_5
TS159	406	48.74	31.26	17.49	TS159_v1_2	$TS159_v2_1$
TS267	kiharalab_server	42.25	19.02	23.23	$TS267_v1_1$	TS267_v2_3
TS294	KiharaLab	41.90	10.15	31.75	TS294_v1_4	$TS294_v2_1$
TS167	OpenComplex	41.17	9.21	31.97	TS167_v1_5	$TS167_v2_2$
TS156	SoutheRNA	40.74	24.95	15.79	TS156_v1_1	$TS156_v2_4$
TS052	Yang-Server	39.88	19.93	19.95	$TS052_v1_2$	$TS052_v2_4$
TS028	NKRNA-s	36.51	24.46	12.05	TS028_v1_3	$TS028_v2_2$
TS110	MIEnsembles-Server	35.06	7.94	27.12	TS110_v1_2	$TS110_v2_5$
TS165	dfr	35.04	10.85	24.19	TS165_v1_3	$TS165_v2_5$
TS417	GuangzhouRNA-meta	34.64	9.97	24.67	TS417_v1_5	$TS417_v2_4$
TS400	OmniFold	33.42	0.00	33.42	$N/A^1$	$TS400_v2_1$
TS286	CSSB_experimental	33.03	18.74	14.28	TS286_v1_1	TS286_v2_3
TS189	LCBio	32.93	23.20	9.74	TS189_v1_5	$TS189_v2_2$
TS276	FrederickFolding	32.90	0.00	32.90	$N/A^1$	$TS276_v2_1$
TS317	GuangzhouRNA_AI	32.50	9.19	23.32	TS317_v1_5	$TS317_v2_4$
TS448	dNAfold	30.11	20.49	9.62	TS448_v1_1	$TS448_v2_5$
TS169	thermomaps	28.57	12.37	16.20	TS169_v1_5	$TS169_v2_2$
TS462	Zheng	27.64	7.94	19.69	$TS462_v1_2$	$TS462_v2_1$
TS183	GuangzhouRNA-human	26.82	16.07	10.75	TS183_v1_5	TS183_v2_2
TS481	Vfold	26.38	9.53	16.85	TS481_v1_4	$TS481_v2_5$
TS358	PerezLab_Gators	25.81	11.55	14.27	TS358_v1_2	$TS358_v2_1$
TS261	UNRES	25.29	9.56	15.73	TS261_v1_1	$TS261_v2_3$
TS338	GeneSilico	24.57	10.19	14.38	TS338_v1_5	$TS338_v2_3$
TS456	Yang-Multimer	23.65	13.31	10.35	TS456_v1_2	$TS456_v2_4$
TS094	SimRNA-Server	22.53	13.25	9.28	TS094_v1_2	$TS094_v2_3$
TS063	RNApolis	22.07	9.95	12.12	TS063_v1_1	TS063_v2_3
TS450	OpenComplex_Server	18.83	9.97	8.86	$TS450_v1_2$	TS450_v2_4
TS423	ShanghaiTech-server	9.18	9.18	0.00	TS423_v1_1	$N/A^1$
TS298	Shanghai Tech-human	9.18	9.18	0.00	TS298_v1_1	$N/A^1$
TS367	AIR	9.14	0.00	9.14	$N/A^1$	TS367_v2_1
TS306	GeneSilicoRNA-server	6.35	0.00	6.35	$N/A^1$	TS306_v2_1
TS208	falcon2	4.13	4.13	0.00	TS208_v1_1	$N/A^1$
TS403	mmagnus	2.85	0.00	2.85	$N/A^1$	TS403_v2_1

 $<sup>^{1}</sup>$  Model either not submitted or not assessed

Supplementary Table S14: Results for R1203 Composite Score 4 Two-State Score

TECO 44		Two-State_Score	V1_Composite_Score_4	V2_Composite_Score_4	V1_Model	V2_Model
TS241	elofsson	85.08	50.07	35.01	TS241_v1_3	TS241_v2_2
TS304	AF3-server	85.08	50.07	35.01	TS304_v1_3	$TS304_v2_2$
TS235	isyslab-hust	83.60	46.42	37.18	TS235_v1_2	TS235_v2_5
TS435	RNAFOLDX	77.05	47.74	29.31	TS435_v1_5	$TS435_v2_6$
TS369	Bhattacharya	73.39	40.37	33.02	TS369_v1_2	$TS369_v2_5$
TS006	RNA_Dojo	70.31	30.80	39.51	$TS006_v1_1$	$TS006_v2_3$
TS272	GromihaLab	67.08	31.19	35.89	$TS272_v1_4$	$TS272_v2_1$
TS231	B-LAB	66.58	28.13	38.45	TS231_v1_1	$TS231_v2_5$
TS159	406	59.61	31.73	27.89	TS159_v1_2	$TS159_v2_1$
TS238	BRIQX	49.74	11.68	38.06	TS238_v1_2	TS238_v2_5
TS294	KiharaLab	42.72	10.72	31.99	TS294_v1_4	$TS294_v2_1$
TS267	kiharalab_server	42.25	19.02	23.23	TS267_v1_1	$TS267_v2_3$
TS167	OpenComplex	42.16	9.21	32.95	TS167_v1_5	$TS167_v2_2$
TS156	SoutheRNA	40.91	25.12	15.79	TS156_v1_1	$TS156_v2_4$
TS052	Yang-Server	39.88	19.93	19.95	TS052_v1_2	$TS052_v2_4$
TS028	NKRNA-s	36.51	24.46	12.05	TS028_v1_3	$TS028_v2_2$
TS165	dfr	35.44	11.21	24.23	$TS165_v1_3$	$TS165_v2_5$
TS400	OmniFold	35.24	0.00	35.24	$N/A^1$	TS400_v2_1
TS110	MIEnsembles-Server	35.06	7.94	27.12	TS110_v1_2	TS110_v2_5
TS189	LCBio	34.89	23.45	11.44	TS189_v1_5	TS189_v2_1
TS417	GuangzhouRNA-meta	34.68	9.97	24.71	TS417_v1_5	TS417_v2_4
TS286	CSSB_experimental	34.08	18.77	15.31	TS286_v1_1	$TS286_v2_3$
TS276	FrederickFolding	33.62	0.00	33.62	$N/A^1$	TS276_v2_1
TS317	GuangzhouRNA_AI	33.16	9.19	23.97	TS317_v1_5	TS317_v2_4
TS448	dNAfold	30.11	20.49	9.62	TS448_v1_1	TS448_v2_5
TS169	thermomaps	28.57	12.37	16.20	TS169_v1_5	TS169_v2_2
TS462	Zheng	27.64	7.94	19.70	TS462_v1_2	$TS462_v2_1$
TS183	GuangzhouRNA-human	26.84	16.07	10.77	TS183_v1_5	$TS183_v2_2$
TS481	Vfold	26.72	9.62	17.10	TS481_v1_4	$TS481_v2_5$
TS358	PerezLab_Gators	25.81	11.55	14.27	TS358_v1_2	$TS358_v2_1$
TS261	UNRES	25.29	9.56	15.73	TS261_v1_1	$TS261_v2_3$
TS338	GeneSilico	25.14	10.67	14.47	TS338_v1_5	TS338_v2_3
TS456	Yang-Multimer	23.94	13.31	10.63	TS456_v1_2	$TS456_v2_4$
TS094	SimRNA-Server	22.53	13.25	9.28	TS094_v1_2	$TS094_v2_3$
TS063	RNApolis	22.33	10.21	12.13	TS063_v1_4	TS063_v2_3
TS450	OpenComplex_Server	18.83	9.97	8.86	$TS450_v1_2$	$TS450_v2_4$
TS298	Shanghai Tech-human	9.18	9.18	0.00	TS298_v1_1	$N/A^1$
TS423	ShanghaiTech-server	9.18	9.18	0.00	TS423_v1_1	$N/A^1$
TS367	AIR	9.14	0.00	9.14	$N/A^1$	TS367_v2_1
TS306	GeneSilicoRNA-server	6.35	0.00	6.35	$N/A^1$	TS306_v2_1
TS208	falcon2	4.34	4.34	0.00	TS208_v1_1	N/A <sup>1</sup>
TS403	mmagnus	2.86	0.00	2.86	$N/A^1$	TS403_v2_1

 $<sup>^{1}</sup>$  Model either not submitted or not assessed

Supplementary Table S15: Results for R1203 GDT TS Two-State Score

Group	Group_Name	$Two\text{-}State\_Score$	V1_GDT_TS	V2_GDT_TS	V1_Model	V2_Model
TS272	GromihaLab	1.16	54.85	61.57	$TS272_v1_4$	$TS272_v2_1$
TS304	AF3-server	1.15	55.22	60.26	$TS304_v1_4$	$TS304_v2_2$
TS241	elofsson	1.15	55.22	60.26	$TS241_v1_4$	$TS241_v2_2$
TS159	406	1.15	50.56	64.74	$TS159_v1_2$	$TS159_v2_1$
TS369	Bhattacharya	1.11	53.73	57.46	$TS369_v1_5$	$TS369_v2_3$
TS235	isyslab-hust	1.09	51.31	58.02	$TS235_v1_5$	$TS235_v2_2$
TS006	RNA_Dojo	1.09	53.92	55.22	$TS006_v1_3$	$TS006_v2_1$
TS231	B-LAB	1.09	45.71	63.06	$TS231_v1_2$	$TS231_v2_5$
TS238	BRIQX	1.08	59.52	48.69	$TS238_v1_5$	$TS238_v2_2$
TS294	KiharaLab	1.08	51.68	56.53	$TS294_v1_2$	$TS294_v2_1$
TS448	dNAfold	1.08	48.51	59.33	$TS448_v1_3$	$TS448_v2_4$
TS165	dfr	1.07	52.05	55.41	$TS165_v1_3$	$TS165_v2_4$
TS417	GuangzhouRNA-meta	1.07	52.61	54.10	$TS417_v1_5$	$TS417_v2_3$
TS435	RNAFOLDX	1.05	44.40	60.26	$TS435_v1_1$	$TS435_v2_5$
TS317	GuangzhouRNA_AI	1.03	51.87	50.75	$TS317_v1_2$	$TS317_v2_3$
TS183	GuangzhouRNA-human	1.02	52.80	49.44	TS183_v1_5	$TS183_v2_2$
TS286	CSSB_experimental	0.99	46.27	52.42	$TS286_v1_3$	$TS286_v2_2$
TS456	Yang-Multimer	0.99	49.44	49.25	$TS456_v1_3$	$TS456_v2_1$
TS338	GeneSilico	0.99	49.44	49.07	$TS338_v1_5$	$TS338_v2_1$
TS063	RNApolis	0.97	48.69	48.51	$TS063_v1_4$	$TS063_v2_1$
TS052	Yang-Server	0.96	47.95	48.51	$TS052_v1_5$	$TS052_v2_1$
TS189	LCBio	0.95	45.90	49.44	TS189_v1_5	$TS189_v2_1$
TS267	kiharalab_server	0.93	45.90	47.58	$TS267_v1_4$	$TS267_v2_5$
TS028	NKRNA-s	0.93	42.35	50.75	$TS028_v1_4$	$TS028\_v2\_2$
TS481	Vfold	0.92	43.66	47.95	TS481_v1_5	$TS481_v2_4$
TS167	OpenComplex	0.86	33.95	52.42	$TS167_v1_1$	$TS167_v2_2$
TS156	SoutheRNA	0.83	25.56	57.84	$TS156_v1_4$	$TS156_v2_1$
TS462	Zheng	0.74	36.19	38.06	$TS462_v1_4$	$TS462_v2_5$
TS110	MIEnsembles-Server	0.73	34.52	38.25	TS110_v1_3	$TS110_v2_1$
TS276	FrederickFolding	0.59	0.00	58.95	$N/A^1$	$TS276_v2_1$
TS400	OmniFold	0.58	0.00	58.40	$N/A^1$	$TS400_v2_1$
TS403	mmagnus	0.50	50.37	0.00	TS403_v1_1	$N/A^1$
TS367	AIR	0.50	0.00	50.00	$N/A^1$	$TS367_v2_1$
TS306	GeneSilicoRNA-server	0.48	48.32	0.00	TS306_v1_1	$N/A^1$
TS358	PerezLab_Gators	0.47	27.43	19.59	TS358_v1_3	$T_{S358}v2_{4}$
TS094	SimRNA-Server	0.47	25.75	21.27	TS094_v1_5	TS094_v2_2
TS208	falcon2	0.42	42.16	0.00	TS208_v1_1	$N/A^1$
TS423	ShanghaiTech-server	0.40	0.00	39.92	$N/A^1$	TS423_v2_1
TS298	Shanghai Tech-human	0.40	0.00	39.92	$N/A^1$	TS298_v2_1
TS169	thermomaps	0.40	19.59	17.16	TS169_v1_4	TS169_v2_2
TS261	UNRES	0.30	13.81	16.23	TS261_v1_4	TS261_v2_5
TS450	OpenComplex_Server	0.25	12.69	12.50	TS450_v1_5	TS450_v2_3
15100	C pericomplex berver	3.20	12.00	12.00	10100_11_0	1010011210

 $<sup>^{1}</sup>$  Model either not submitted or not assessed  $\,$ 

Supplementary Table S16: Results for R1203 GlobalLDDT Two-State Score

Group	Group_Name	Two-State_Score	V1_GlobalLDDT	V2_GlobalLDDT	V1_Model	V2_Model
TS304	AF3-server	1.65	0.83	0.82	TS304_v1_1	TS304_v2_3
TS241	elofsson	1.65	0.83	0.82	TS241_v1_1	TS241_v2_3
TS272	GromihaLab	1.65	0.82	0.82	TS272_v1_1	TS272_v2_5
TS369	Bhattacharya	1.64	0.82	0.81	TS369_v1_2	TS369_v2_3
TS235	isyslab-hust	1.63	0.82	0.81	TS235_v1_5	TS235_v2_2
TS006	RNA_Dojo	1.62	0.81	0.81	TS006_v1_3	TS006_v2_1
TS159	406	1.60	0.81	0.79	TS159_v1_2	TS159_v2_1
TS294	KiharaLab	1.60	0.83	0.77	TS294_v1_1	TS294_v2_2
TS238	BRIQX	1.56	0.82	0.74	TS238_v1_5	TS238_v2_2
TS183	GuangzhouRNA-human	1.54	0.77	0.77	TS183_v1_2	TS183_v2_5
TS286	CSSB_experimental	1.52	0.76	0.76	TS286_v1_1	TS286_v2_2
TS063	RNApolis	1.51	0.77	0.75	TS063_v1_3	TS063_v2_5
TS481	Vfold	1.50	0.75	0.75	TS481_v1_3	TS481_v2_4
TS435	RNAFOLDX	1.50	0.81	0.68	TS435_v1_5	TS435_v2_1
TS165	dfr	1.45	0.71	0.74	$TS165_v1_2$	TS165_v2_3
TS417	GuangzhouRNA-meta	1.44	0.72	0.71	TS417_v1_2	TS417_v2_1
TS231	B-LAB	1.43	0.81	0.63	TS231_v1_5	TS231_v2_2
TS189	LCBio	1.43	0.72	0.71	TS189_v1_2	TS189_v2_4
TS338	GeneSilico	1.42	0.71	0.71	TS338_v1_2	TS338_v2_5
TS456	Yang-Multimer	1.40	0.73	0.67	TS456_v1_1	$TS456_v2_2$
TS052	Yang-Server	1.39	0.70	0.69	TS052_v1_1	$TS052\_v2\_5$
TS448	dNAfold	1.38	0.66	0.72	TS448_v1_1	TS448_v2_5
TS167	OpenComplex	1.38	0.81	0.56	$TS167_v1_2$	$TS167_v2_3$
TS267	kiharalab_server	1.37	0.68	0.69	TS267_v1_5	$TS267_v2_1$
TS317	GuangzhouRNA_AI	1.35	0.63	0.72	TS317_v1_5	$TS317_v2_4$
TS028	NKRNA-s	1.35	0.70	0.65	TS028_v1_2	TS028_v2_3
TS450	OpenComplex_Server	1.13	0.57	0.56	$TS450_v1_2$	$TS450_v2_3$
TS462	Zheng	1.13	0.55	0.57	$TS462_v1_4$	$TS462_v2_1$
TS110	MIEnsembles-Server	1.12	0.55	0.58	TS110_v1_5	TS110_v2_1
TS156	SoutheRNA	1.11	0.59	0.52	$TS156_v1_1$	$TS156_v2_4$
TS358	PerezLab_Gators	1.10	0.51	0.59	TS358_v1_1	$TS358_v2_3$
TS169	thermomaps	0.85	0.38	0.47	$TS169_v1_5$	$TS169_v2_4$
TS276	FrederickFolding	0.82	0.82	0.00	$TS276_v1_1$	$N/A^1$
TS400	OmniFold	0.82	0.82	0.00	TS400_v1_1	$N/A^1$
TS261	UNRES	0.78	0.38	0.40	TS261_v1_1	TS261_v2_3
TS367	AIR	0.63	0.00	0.63	$N/A^1$	TS367_v2_1
TS423	ShanghaiTech-server	0.54	0.54	0.00	TS423_v1_1	$N/A^1$
TS298	Shanghai Tech-human	0.54	0.54	0.00	TS298_v1_1	$N/A^1$
TS403	mmagnus	0.49	0.00	0.49	N/A <sup>1</sup>	TS403_v2_1
TS208	falcon2			0.49	TS208_v1_1	N/A <sup>1</sup>
TS094	SimRNA-Server	$0.39 \\ 0.20$	0.39 0.09	$0.00 \\ 0.12$	TS094_v1_3	N/A TS094_v2_5
TS306	GeneSilicoRNA-server	0.01	0.01	0.00	TS306_v1_1	$N/A^1$

 $<sup>^{1}</sup>$  Model either not submitted or not assessed

Supplementary Table S17: Results for R1203 TMscore Two-State Score

Group	Group_Name	Two-State_Score	V1_TMscore	V2_TMscore	V1_Model	V2_Model
TS159	406	1.27	0.56	0.72	TS159_v1_2	TS159_v2_1
TS304	AF3-server	1.23	0.59	0.63	TS304_v1_1	$TS304_v2_2$
TS241	elofsson	1.23	0.59	0.63	TS241_v1_1	$TS241_v2_2$
TS272	GromihaLab	1.20	0.59	0.60	$TS272_v1_4$	$TS272\_v2\_1$
TS369	Bhattacharya	1.19	0.59	0.60	$TS369_v1_5$	$TS369_v2_3$
TS238	BRIQX	1.18	0.64	0.54	$TS238_v1_5$	$TS238_v2_3$
TS448	dNAfold	1.17	0.50	0.67	$TS448_v1_3$	$TS448_v2_4$
TS231	B-LAB	1.16	0.53	0.63	$TS231_v1_2$	$TS231_v2_5$
TS006	RNA_Dojo	1.16	0.58	0.58	$TS006_v1_3$	$TS006_v2_1$
TS165	dfr	1.15	0.56	0.60	$TS165_v1_3$	$TS165_v2_4$
TS417	GuangzhouRNA-meta	1.14	0.56	0.58	$TS417_v1_2$	$TS417_v2_3$
TS235	isyslab-hust	1.14	0.54	0.59	$TS235\_v1\_5$	$TS235\_v2\_2$
TS294	KiharaLab	1.12	0.59	0.53	$TS294_v1_1$	$TS294_v2_4$
TS317	$GuangzhouRNA\_AI$	1.12	0.57	0.55	$TS317_v1_2$	$TS317_v2_3$
TS435	RNAFOLDX	1.11	0.50	0.61	$TS435_v1_4$	$TS435_v2_5$
TS183	GuangzhouRNA-human	1.10	0.56	0.54	TS183_v1_2	TS183_v2_3
TS456	Yang-Multimer	1.09	0.56	0.53	$TS456_v1_3$	$TS456_v2_1$
TS063	RNApolis	1.08	0.56	0.53	$TS063_v1_4$	$TS063_v2_1$
TS052	Yang-Server	1.08	0.54	0.54	$TS052\_v1\_3$	$TS052\_v2\_5$
TS286	$CSSB\_experimental$	1.06	0.49	0.57	$TS286_v1_4$	$TS286_v2_3$
TS267	kiharalab_server	1.05	0.52	0.53	$TS267_v1_4$	$TS267_v2_5$
TS189	LCBio	1.05	0.49	0.56	$TS189_v1_5$	$TS189_v2_1$
TS028	NKRNA-s	1.02	0.55	0.47	$TS028_v1_2$	$TS028_v2_4$
TS481	Vfold	1.01	0.48	0.53	$TS481_{v}1_{5}$	$TS481_v2_4$
TS338	GeneSilico	1.00	0.49	0.51	$TS338_v1_5$	$TS338_v2_2$
TS167	OpenComplex	0.98	0.41	0.57	$TS167_v1_1$	$TS167_v2_2$
TS462	Zheng	0.90	0.44	0.46	$TS462_v1_4$	$TS462_v2_3$
TS110	MIEnsembles-Server	0.89	0.42	0.47	TS110_v1_3	$TS110_{v2_1}$
TS156	SoutheRNA	0.86	0.26	0.60	TS156_v1_4	$TS156_v2_1$
TS400	OmniFold	0.65	0.00	0.65	$N/A^1$	$TS400_v2_1$
TS276	FrederickFolding	0.59	0.00	0.59	$N/A^1$	$TS276_v2_1$
TS403	mmagnus	0.57	0.57	0.00	TS403_v1_1	$N/A^1$
TS358	PerezLab_Gators	0.56	0.32	0.24	$TS358_v1_3$	$TS358_v2_2$
TS094	SimRNA-Server	0.56	0.30	0.26	$TS094_v1_5$	$TS094_v2_2$
TS306	GeneSilicoRNA-server	0.55	0.55	0.00	TS306_v1_1	$N/A^1$
TS367	AIR	0.55	0.00	0.55	$N/A^1$	TS367_v2_1
TS208	falcon2	0.50	0.50	0.00	TS208_v1_1	$N/A^1$
TS298	ShanghaiTech-human	0.46	0.00	0.46	$N/A^1$	TS298_v2_1
TS423	Shanghai Tech-server	0.46	0.00	0.46	$N/A^1$	TS423_v2_1
TS169	thermomaps	0.42	0.23	0.19	TS169_v1_4	TS169_v2_2
TS261	UNRES	0.39	0.18	0.20	TS261_v1_4	TS261_v2_5
TS450	OpenComplex_Server	0.33	0.15	0.17	TS450_v1_5	TS450_v2_4
TS033	Diff	0.09	0.04	0.04	TS033_v1_1	TS033_v2_4

 $<sup>^{1}</sup>$  Model either not submitted or not assessed

Supplementary Table S18: Results for T1214 GDT TS Two-State Score

TS388 De TS110 MI TS015 PE TS375 mi TS319 MI TS425 MI TS462 Zh TS147 Zh TS198 col TS017 See TS145 col	uang-HUST eepFold-server IEnsembles-Server EZYFoldings illiseconds ULTICOM_LLM ULTICOM_GATE neng neng-Multimer labfold der2024hard labfold_baseline	1.94 1.94 1.94 1.93 1.93 1.93 1.93 1.93 1.93 1.92 1.92	94.25 95.23 94.67 96.41 94.25 94.78 93.83 93.83 93.38 93.12	1.00 0.99 0.99 0.97 0.99 0.98 0.98 0.99 0.99	TS091_v1_2 TS388_v1_4 TS110_v1_1 TS015_v1_2 TS375_v1_3 TS319_v1_3 TS425_v1_2 TS462_v1_2 TS147_v1_2 TS198_v1_5	TS091_v2_1 TS388_v2_1 TS110_v2_5 TS015_v2_1 TS375_v2_4 TS319_v2_4 TS425_v2_4 TS462_v2_3 TS147_v2_3 TS198_v2_1
TS110 MI TS015 PE TS375 mi TS319 MI TS425 MI TS462 Zh TS147 Zh TS198 col TS017 See TS145 col	IEnsembles-Server EZYFoldings illiseconds ULTICOM_LLM ULTICOM_GATE neng neng-Multimer labfold der2024hard labfold_baseline	1.94 1.93 1.93 1.93 1.93 1.93 1.93 1.92 1.92	94.67 96.41 94.25 94.78 94.78 93.83 93.83 93.83	0.99 0.97 0.99 0.98 0.98 0.99 0.99	TS110_v1_1 TS015_v1_2 TS375_v1_3 TS319_v1_3 TS425_v1_2 TS462_v1_2 TS147_v1_2	TS110_v2_5 TS015_v2_1 TS375_v2_4 TS319_v2_4 TS425_v2_4 TS462_v2_3 TS147_v2_3
TS015 PE TS375 mi TS319 MV TS425 MV TS462 Zh TS147 Zh TS198 col TS017 Sec TS145 col	EZYFoldings illiseconds ULTICOM_LLM ULTICOM_GATE neng neng-Multimer labfold der2024hard labfold_baseline	1.93 1.93 1.93 1.93 1.93 1.93 1.92 1.92	96.41 94.25 94.78 94.78 93.83 93.83 93.83	0.97 0.99 0.98 0.98 0.99 0.99	TS015_v1_2 TS375_v1_3 TS319_v1_3 TS425_v1_2 TS462_v1_2 TS147_v1_2	TS015_v2_1 TS375_v2_4 TS319_v2_4 TS425_v2_4 TS462_v2_3 TS147_v2_3
TS375 mi TS319 MV TS425 MV TS462 Zh TS147 Zh TS198 col TS017 See TS145 col	illiseconds ULTICOM_LLM ULTICOM_GATE neng neng-Multimer labfold der2024hard labfold_baseline	1.93 1.93 1.93 1.93 1.93 1.92 1.92	94.25 94.78 94.78 93.83 93.83 93.38	0.99 0.98 0.98 0.99 0.99	TS375_v1_3 TS319_v1_3 TS425_v1_2 TS462_v1_2 TS147_v1_2	TS375_v2_4 TS319_v2_4 TS425_v2_4 TS462_v2_3 TS147_v2_3
TS319 MV TS425 MV TS462 Zh TS147 Zh TS198 col TS017 See TS145 col	ULTICOM_LLM ULTICOM_GATE neng neng-Multimer labfold der2024hard labfold_baseline	1.93 1.93 1.93 1.93 1.92 1.92	94.78 94.78 93.83 93.83 93.38	0.98 0.98 0.99 0.99	TS319_v1_3 TS425_v1_2 TS462_v1_2 TS147_v1_2	TS319_v2_4 TS425_v2_4 TS462_v2_3 TS147_v2_3
TS425 MV TS462 Zh TS147 Zh TS198 col TS017 Sec TS145 col	ULTICOM_GATE neng neng-Multimer labfold eder2024hard labfold_baseline	1.93 1.93 1.93 1.92 1.92	94.78 93.83 93.83 93.38	0.98 0.99 0.99 0.99	TS425_v1_2 TS462_v1_2 TS147_v1_2	TS425_v2_4 TS462_v2_3 TS147_v2_3
TS462 Zh TS147 Zh TS198 col TS017 Sec TS145 col	neng neng-Multimer labfold der2024hard labfold_baseline	1.93 1.93 1.92 1.92	93.83 93.83 93.38	0.99 0.99 0.99	TS462_v1_2 TS147_v1_2	TS462_v2_3 TS147_v2_3
TS147 Zh TS198 col TS017 Sec TS145 col	neng-Multimer labfold der2024hard labfold_baseline	1.93 1.92 1.92	93.83 93.38	0.99 0.99	$TS147\_v1\_2$	$TS147\_v2\_3$
TS198 col TS017 Sec TS145 col	labfold der2024hard labfold_baseline	1.92 1.92	93.38	0.99		
TS017 Sec TS145 col	der2024hard labfold_baseline	1.92			$TS198_v1_5$	TS198 v2 1
TS145 col	$labfold\_baseline$		93.12			- O - O - V 4 - I
		1.02		0.99	$TS017_v1_4$	$TS017_v2_1$
TDCIOCO TT	ang	1.92	93.12	0.99	$TS145_v1_2$	$TS145_v2_1$
TS022 Ya	_	1.92	95.05	0.97	$TS022\_v1\_4$	$TS022\_v2\_3$
TS148 Gu	uijunlab-Complex	1.92	93.87	0.98	$TS148\_v1\_5$	$TS148\_v2\_2$
TS055 LC	CDD-team	1.91	93.99	0.97	$TS055\_v1\_3$	$TS055_v2_1$
TS052 Ya	ang-Server	1.91	93.50	0.97	$TS052\_v1\_3$	$TS052\_v2\_4$
TS456 Ya	ang-Multimer	1.90	92.62	0.97	$TS456\_v1\_3$	$TS456\_v2\_4$
TS262 Co	oDock	1.90	92.44	0.97	$TS262\_v1\_5$	$TS262\_v2\_2$
TS204 Zo	ou	1.89	90.32	0.99	$TS204_v1_5$	$TS204_v2_3$
TS019 Zh	neng-Server	1.89	94.21	0.95	$TS019_v1_2$	$TS019_v2_1$
TS465 Wa	allner	1.89	94.44	0.94	$TS465_v1_4$	$TS465_v2_1$
TS235 isy	yslab-hust	1.88	93.87	0.94	$TS235\_v1\_3$	$TS235\_v2\_5$
TS221 CS	SSB_FAKER	1.88	90.55	0.98	$TS221_v1_3$	$TS221_v2_1$
TS419 CS	SSB-Human	1.88	90.55	0.98	$TS419_v1_3$	$TS419_v2_1$
TS267 kil	haralab_server	1.88	93.80	0.94	$TS267_v1_1$	$TS267\_v2\_3$
TS423 Sh	nanghaiTech-server	1.88	94.78	0.93	$TS423_v1_5$	$TS423_v2_4$
TS286 CS	$SSB_{-}$ experimental	1.88	89.79	0.98	$TS286_v1_4$	$TS286_v2_1$
	ULTICOM_human	1.88	94.33	0.94	$TS345_v1_4$	$TS345_v2_2$
TS208 fale	lcon2	1.88	94.29	0.94	$TS208_v1_4$	$TS208_v2_2$
	ELCLAB	1.88	87.94	1.00	$TS040_v1_2$	$TS040_v2_3$
TS269 CS	$SSB\_server$	1.88	90.32	0.97	$TS269_v1_3$	$TS269_v2_2$
	nanghaiTech-human	1.88	95.27	0.92	$TS298_v1_1$	$TS298_v2_4$
TS386 Sh	nanghaiTech-Ligand	1.88	95.27	0.92	$TS386_v1_1$	$TS386_v2_4$
	$AGfold\_Prot1$	1.88	94.02	0.94	$TS311_v1_2$	$TS311_v2_3$
	eepFold	1.88	89.03	0.98	$TS059_v1_1$	$TS059_v2_6$
	ULTICOM	1.88	93.91	0.94	$TS051_v1_5$	$TS051_v2_6$
	RAFold	1.88	94.21	0.93	$TS079_v1_5$	$TS079_v2_2$
	RAH	1.87	94.17	0.93	$TS293_v1_5$	$TS293_v2_1$
	uijunLab-QA	1.87	93.95	0.93	$TS393\_v1\_5$	$TS393_v2_4$
	uijunLab-Assembly	1.87	93.87	0.93	$TS312_v1_1$	$TS312\_v2\_5$
TS314 Gu	uijunLab-PAthreader	1.87	93.87	0.93	$TS314\_v1\_1$	$TS314\_v2\_5$

Supplementary Table S18 – continued from previous page

Group	Group_Name	Two-State_Score	V1_GDT_TS	V2_GDT_TS	V1_Model	V2_Model
TS196	HYU_MLLAB	1.87	93.46	0.94	TS196_v1_2	TS196_v2_4
TS408	SNU-CHEM-lig	1.87	94.06	0.93	TS408_v1_1	TS408_v2_2
TS264	GuijunLab-Human	1.87	93.95	0.93	$TS264_v1_3$	$TS264_v2_2$
TS287	plmfold	1.87	93.53	0.94	$TS287_v1_1$	$TS287_v2_4$
TS163	MultiFOLD2	1.87	93.19	0.94	$TS163\_v1\_3$	$TS163_v2_5$
TS164	McGuffin	1.87	93.19	0.94	$TS164_v1_3$	$TS164_v2_5$
TS102	Psi-Phi	1.87	93.68	0.93	$TS102\_v1\_2$	$TS102_v2_5$
TS464	PocketTracer	1.87	93.38	0.93	$TS464_v1_5$	$TS464_v2_4$
TS475	$\operatorname{ptq}$	1.87	93.76	0.93	$TS475_v1_3$	$TS475_v2_5$
TS122	$MQA\_server$	1.87	93.68	0.93	$TS122\_v1\_2$	$TS122_v2_1$
TS301	GHZ-MAN	1.87	93.38	0.93	$TS301_v1_1$	$TS301_v2_4$
TS014	Cool-PSP	1.87	93.50	0.93	$TS014\_v1\_3$	$TS014\_v2\_2$
TS494	ClusPro	1.87	86.61	1.00	$TS494_v1_3$	$TS494_v2_1$
TS274	kozakovvajda	1.87	86.61	1.00	$TS274\_v1\_3$	$TS274_v2_1$
TS272	$\operatorname{GromihaLab}$	1.87	93.31	0.93	$TS272\_v1\_3$	$TS272\_v2\_2$
TS227	KUMC	1.87	93.83	0.93	$TS227_v1_5$	$TS227_v2_4$
TS207	MULTICOM_ligand	1.86	93.42	0.93	$TS207_v1_1$	$TS207\_v2\_3$
TS241	elofsson	1.86	93.15	0.93	$TS241_v1_4$	$TS241_v2_3$
TS304	AF3-server	1.86	93.15	0.93	$TS304_v1_4$	$TS304_v2_3$
TS369	Bhattacharya	1.86	93.34	0.93	$TS369_v1_1$	$TS369_v2_2$
TS331	MULTICOM_AI	1.86	93.91	0.92	$TS331_v1_5$	$TS331_v2_1$
TS075	GHZ- $ISM$	1.85	93.76	0.91	$TS075_v1_1$	$TS075\_v2\_3$
TS284	Unicorn	1.85	93.76	0.91	$TS284\_v1\_1$	$TS284\_v2\_3$
TS039	arosko	1.85	87.03	0.98	$TS039\_v1\_2$	$TS039\_v2\_1$
TS020	comppharmunibas	1.84	87.14	0.96	$TS020_{v}1_{4}$	$TS020\_v2\_3$
TS139	DeepFold-refine	1.81	82.41	0.98	$TS139_v1_3$	$TS139_v2_6$
TS294	KiharaLab	1.78	85.55	0.92	$TS294_v1_3$	$TS294\_v2\_2$
TS202	test001	1.68	89.56	0.78	$TS202\_v1\_5$	$TS202\_v2\_2$
TS167	OpenComplex	1.65	94.44	0.71	$TS167_v1_2$	$TS167_v2_3$
TS461	forlilab	1.61	76.40	0.85	$TS461_v1_2$	$TS461_v2_3$
TS120	Cerebra	1.61	85.70	0.75	$TS120_v1_6$	$TS120_v2_1$
TS450	$OpenComplex\_Server$	1.56	94.44	0.62	$TS450\_v1\_5$	$TS450\_v2\_1$
TS361	Cerebra_server	1.53	76.55	0.76	$TS361\_v1\_3$	$TS361_v2_4$
TS400	OmniFold	0.93	0.00	0.93	$N/A^1$	$TS400\_v2\_1$
TS225	Unknown	0.93	92.93	0.00	$TS225_v1_1$	$N/A^1$
TS275	Seminoles	0.79	78.71	0.00	$TS275\_v1\_1$	$N/A^1$
TS132	profold2	0.55	0.00	0.55	$N/A^1$	$TS132_v2_1$

 $<sup>^{1}</sup>$  Model either not submitted or not assessed

Supplementary Table S19: Results for T1214 Global LDDT Two-State Score

Group	Group_Name	Two-State_Score	V1_gLDDT	V2_gLDDT	V1_Model	V2_Model
TS091	Huang-HUST	1.79	0.85	0.94	TS091_v1_2	TS091_v2_1
TS110	MIEnsembles-Server	1.78	0.85	0.93	$TS110\_v1\_2$	$TS110\_v2\_5$
TS147	Zheng-Multimer	1.78	0.85	0.93	$TS147_v1_1$	$TS147_v2_3$
TS462	Zheng	1.78	0.85	0.93	$TS462_v1_1$	$TS462_v2_3$
TS375	milliseconds	1.77	0.85	0.92	$TS375\_v1\_3$	$TS375_v2_4$
TS319	MULTICOM_LLM	1.77	0.85	0.92	$TS319\_v1\_3$	$TS319\_v2\_4$
TS198	colabfold	1.77	0.84	0.93	$TS198\_v1\_5$	$TS198\_v2\_1$
TS425	$MULTICOM\_GATE$	1.77	0.85	0.91	$TS425\_v1\_2$	$TS425_v2_4$
TS148	Guijunlab-Complex	1.77	0.85	0.92	$TS148\_v1\_5$	$TS148\_v2\_2$
TS388	DeepFold-server	1.77	0.86	0.91	$TS388\_v1\_4$	$TS388\_v2\_1$
TS017	Seder2024hard	1.77	0.84	0.93	$TS017_v1_4$	$TS017_v2_1$
TS145	$colabfold\_baseline$	1.77	0.84	0.93	$TS145_v1_2$	$TS145_v2_1$
TS015	PEZYFoldings	1.75	0.87	0.88	$TS015\_v1\_5$	$TS015_v2_1$
TS494	ClusPro	1.74	0.75	0.99	$TS494_v1_4$	$TS494_v2_1$
TS274	kozakovvajda	1.74	0.75	0.99	$TS274\_v1\_4$	$TS274\_v2\_1$
TS204	Zou	1.73	0.81	0.93	$TS204\_v1\_5$	$TS204\_v2\_3$
TS055	LCDD-team	1.72	0.82	0.90	$TS055\_v1\_3$	$TS055\_v2\_2$
TS039	arosko	1.72	0.75	0.97	$TS039\_v1\_2$	$TS039\_v2\_3$
TS022	Yang	1.71	0.85	0.86	$TS022\_v1\_4$	$TS022\_v2\_2$
TS052	Yang-Server	1.70	0.84	0.86	$TS052\_v1\_3$	$TS052\_v2\_2$
TS456	Yang-Multimer	1.70	0.83	0.86	$TS456\_v1\_5$	$TS456_v2_4$
TS019	Zheng-Server	1.70	0.85	0.85	$TS019_v1_2$	$TS019_v2_1$
TS040	DELCLAB	1.70	0.75	0.94	$TS040_v1_2$	$TS040_v2_5$
TS059	DeepFold	1.69	0.78	0.91	$TS059\_v1\_5$	$TS059_v2_6$
TS269	$CSSB\_server$	1.69	0.81	0.88	$TS269_v1_5$	$TS269_v2_1$
TS221	CSSB_FAKER	1.69	0.81	0.88	$TS221\_v1\_3$	$TS221_v2_4$
TS419	CSSB-Human	1.69	0.81	0.88	$TS419_v1_3$	$TS419_v2_4$
TS262	CoDock	1.69	0.83	0.86	$TS262_v1_1$	$TS262_v2_2$
TS208	falcon2	1.69	0.86	0.83	$TS208_v1_4$	$TS208_v2_1$
TS386	ShanghaiTech-Ligand	1.68	0.86	0.82	$TS386_v1_4$	$TS386\_v2\_5$
TS298	ShanghaiTech-human	1.68	0.86	0.82	$TS298_v1_4$	$TS298\_v2\_5$
TS267	kiharalab_server	1.68	0.85	0.83	$TS267_v1_1$	$TS267_v2_3$
TS465	Wallner	1.68	0.85	0.83	$TS465_v1_2$	$TS465_v2_1$
TS393	GuijunLab-QA	1.68	0.85	0.83	$TS393_v1_1$	$TS393_v2_2$
TS312	GuijunLab-Assembly	1.68	0.85	0.83	$TS312\_v1\_1$	$TS312\_v2\_4$
TS314	GuijunLab-PAthreader	1.68	0.85	0.83	$TS314_v1_1$	$TS314_v2_4$
TS264	GuijunLab-Human	1.68	0.85	0.83	$TS264_v1_1$	$TS264_v2_6$
TS287	plmfold	1.68	0.85	0.83	$TS287_v1_2$	$TS287_v2_4$
TS235	isyslab-hust	1.68	0.84	0.83	$TS235\_v1\_3$	$TS235_v2_2$
TS102	Psi-Phi	1.68	0.85	0.82	$TS102\_v1\_5$	$TS102\_v2\_2$
TS207	$MULTICOM\_ligand$	1.67	0.85	0.83	$TS207\_v1\_2$	$TS207\_v2\_3$

Supplementary Table S19 – continued from previous page

Group	Group_Name	Two-State_Score	V1_gLDDT	V2_gLDDT	V1_Model	V2_Model
TS139	DeepFold-refine	1.67	0.76	0.91	TS139_v1_3	TS139_v2_6
TS304	AF3-server	1.67	0.84	0.83	TS304_v1_4	TS304_v2_1
TS241	elofsson	1.67	0.84	0.83	TS241_v1_4	$TS241_v2_1$
TS272	GromihaLab	1.67	0.84	0.83	$TS272\_v1\_3$	$TS272\_v2\_2$
TS345	MULTICOM_human	1.67	0.85	0.82	$TS345_v1_4$	$TS345_v2_6$
TS122	$MQA$ _server	1.67	0.84	0.83	$TS122\_v1\_5$	$TS122\_v2\_4$
TS311	RAGfold_Prot1	1.67	0.85	0.82	$TS311_v1_4$	$TS311_v2_5$
TS464	PocketTracer	1.67	0.84	0.83	$TS464_v1_1$	$TS464_v2_3$
TS051	MULTICOM	1.67	0.85	0.82	$TS051_v1_1$	$TS051_v2_6$
TS369	Bhattacharya	1.67	0.85	0.82	$TS369_v1_1$	$TS369_v2_2$
TS227	KUMC	1.67	0.85	0.82	$TS227\_v1\_3$	$TS227\_v2\_5$
TS286	$CSSB_{-}experimental$	1.67	0.80	0.87	$TS286\_v1\_2$	$TS286_v2_4$
TS301	GHZ-MAN	1.66	0.84	0.82	$TS301\_v1\_2$	$TS301\_v2\_4$
TS079	MRAFold	1.66	0.85	0.82	$TS079_v1_1$	$TS079_v2_5$
TS196	$HYU\_MLLAB$	1.66	0.84	0.82	$TS196_v1_3$	$TS196_v2_4$
TS293	MRAH	1.66	0.85	0.81	$TS293\_v1\_2$	$TS293\_v2\_1$
TS164	McGuffin	1.66	0.84	0.82	$TS164\_v1\_3$	$TS164_v2_4$
TS163	MultiFOLD2	1.66	0.84	0.82	$TS163_v1_3$	$TS163_v2_4$
TS423	ShanghaiTech-server	1.66	0.85	0.81	$TS423_v1_5$	$TS423_v2_4$
TS014	Cool-PSP	1.65	0.84	0.81	$TS014_v1_4$	$TS014_v2_3$
TS331	MULTICOM_AI	1.65	0.85	0.80	$TS331_v1_1$	$TS331_v2_5$
TS075	GHZ-ISM	1.65	0.85	0.80	$TS075_v1_1$	$TS075_v2_3$
TS284	Unicorn	1.65	0.85	0.80	$TS284\_v1\_1$	$TS284\_v2\_3$
TS408	SNU-CHEM-lig	1.64	0.84	0.81	$TS408\_v1\_3$	$TS408_v2_2$
TS475	$\operatorname{ptq}$	1.64	0.83	0.80	$TS475_v1_5$	$TS475_v2_3$
TS020	comppharmunibas	1.62	0.77	0.85	$TS020_v1_4$	$TS020_v2_3$
TS294	KiharaLab	1.56	0.84	0.72	$TS294_v1_2$	$TS294_v2_3$
TS202	test001	1.54	0.81	0.73	$TS202_v1_5$	$TS202_v2_2$
TS461	forlilab	1.45	0.71	0.73	$TS461_v1_2$	$TS461_v2_3$
TS120	Cerebra	1.35	0.63	0.72	$TS120_v1_1$	$TS120_v2_6$
TS361	Cerebra_server	1.26	0.62	0.64	$TS361_v1_4$	$TS361_v2_1$
TS167	OpenComplex	1.24	0.85	0.39	$TS167_v1_2$	$TS167_v2_5$
TS450	$OpenComplex\_Server$	1.20	0.85	0.35	$TS450_v1_5$	$TS450\_v2\_3$
TS400	OmniFold	0.84	0.84	0.00	$TS400_v1_1$	$N/A^1$
TS225	Unknown	0.83	0.83	0.00	$TS225\_v1\_1$	$N/A^1$
TS275	Seminoles	0.69	0.69	0.00	$TS275_v1_1$	$N/A^1$
TS132	profold2	0.50	0.00	0.50	$N/A^1$	TS132_v2_1

 $<sup>^{1}</sup>$  Model either not submitted or not assessed

### Supplementary Table S20: T1214 Sigma1 Score Results

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Group	Group_Name	$\Sigma_{score}$ Score	Model	Group	Group_Name	$\Sigma_{score}$ Score	Model
TS015	PEZYFoldings	91.17	5	TS079	MRAFold	79.37	1
TS386	ShanghaiTech-Ligand	89.37	4	TS293	MRAH	79.37	2
TS298	ShanghaiTech-human	89.37	4	TS304	AF3-server	79.33	2
TS208	falcon2	87.66	4	TS241	elofsson	79.33	2
TS462	Zheng	86.42	6	TS267	kiharalab_server	79.28	2
TS022	Yang	86.26	4	TS345	MULTICOM_human	79.25	4
TS408	SNU-CHEM-lig	85.96	1	TS301	GHZ-MAN	78.96	2
TS055	LCDD-team	85.68	4	TS369	Bhattacharya	78.81	1
TS465	Wallner	85.35	3	TS284	Unicorn	78.73	2
TS110	MIEnsembles-Server	84.08	2	TS075	GHZ-ISM	78.73	2
TS202	test001	83.44	5	TS331	MULTICOM_AI	78.67	1
TS388	DeepFold-server	82.69	4	TS051	MULTICOM	78.67	1
TS423	ShanghaiTech-server	81.84	1	TS122	MQA_server	78.55	2
TS091	Huang-HUST	81.57	2	TS235	isyslab-hust	78.25	3
TS147	Zheng-Multimer	81.50	1	TS198	colabfold	77.92	3
TS102	Psi-Phi	81.34	1	TS145	colabfold_baseline	77.75	5
TS375	milliseconds	81.32	3	TS017	Seder2024hard	77.75	3
TS287	plmfold	81.25	1	TS272	GromihaLab	77.66	1
TS020	comppharmunibas	81.19	4	TS400	OmniFold	77.54	1
TS319	MULTICOM_LLM	81.15	3	TS464	PocketTracer	77.38	2
TS425	MULTICOM_GATE	81.15	2	TS139	DeepFold-refine	72.37	3
TS314	GuijunLab-PAthreader	81.13	1	TS120	Cerebra	71.99	6
TS312	GuijunLab-Assembly	81.13	1	TS275	Seminoles	69.53	1
TS393	GuijunLab-QA	81.13	1	TS052	Yang-Server	69.05	1
TS148	Guijunlab-Complex	81.13	5	TS221	CSSB_FAKER	68.55	3
TS264	GuijunLab-Human	81.13	1	TS419	CSSB-Human	68.55	3
TS227	KUMC	80.86	3	TS269	CSSB_server	68.49	3
TS294	KiharaLab	80.80	3	TS456	Yang-Multimer	68.48	5
TS311	RAGfold_Prot1	80.54	4	TS059	DeepFold	67.39	6
TS207	MULTICOM_ligand	80.33	1	TS204	Zou	66.94	5
TS014	Cool-PSP	80.10	5	TS262	CoDock	66.81	3
TS163	MultiFOLD2	79.86	1	TS461	forlilab	66.23	2
TS225	TS225	79.86	1	TS286	CSSB_experimental	65.85	2
TS164	McGuffin	79.86	1	TS039	arosko	65.44	3
TS019	Zheng-Server	79.81	1	TS494	ClusPro	62.98	1
TS196	HYU_MLLAB	79.57	4	TS274	kozakovvajda	62.98	1
TS167	OpenComplex	79.46	2	TS040	DELCLAB	62.72	3
TS450	OpenComplex_Server	79.46	5	TS361	Cerebra_server	62.26	1
TS475	ptq	79.41	3	TS132	profold2	30.97	1
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## Supplementary Table S21: T1214 Sigma2 Score Results

Group	Group_Name						
	Group_ivame	$\Sigma_{score}$ Score	Model	Group	$Group\_Name$	$\Sigma_{score}$ Score	Model
TS015	PEZYFoldings	90.16	5	TS304	AF3-server	76.05	2
TS386	ShanghaiTech-Ligand	88.04	4	TS475	ptq	76.01	3
TS298	ShanghaiTech-human	88.04	4	TS079	MRAFold	76.00	1
TS208	falcon2	86.01	4	TS293	MRAH	76.00	2
TS462	Zheng	84.51	6	TS267	kiharalab_server	75.92	2
TS022	Yang	84.28	4	TS345	MULTICOM_human	75.84	4
TS408	SNU-CHEM-lig	83.92	1	TS301	GHZ-MAN	75.56	2
TS055	LCDD-team	83.59	5	TS369	Bhattacharya	75.37	1
TS465	Wallner	83.15	3	TS284	Unicorn	75.26	2
TS110	MIEnsembles-Server	81.68	2	TS075	GHZ-ISM	75.26	2
TS202	test001	81.16	5	TS051	MULTICOM	75.09	1
TS388	DeepFold-server	79.88	4	TS331	MULTICOM_AI	75.09	1
TS423	ShanghaiTech-server	78.89	1	TS122	MQA_server	75.03	4
TS020	comppharmunibas	78.81	4	TS235	isyslab-hust	74.66	3
TS147	Zheng-Multimer	78.66	1	TS198	colabfold	74.33	3
TS091	Huang-HUST	78.62	2	TS145	colabfold_baseline	74.24	5
TS102	Psi-Phi	78.38	4	TS017	Seder2024hard	74.24	3
TS375	milliseconds	78.31	3	TS272	GromihaLab	74.03	1
TS294	KiharaLab	78.29	3	TS400	OmniFold	73.89	1
TS287	plmfold	78.28	1	TS464	PocketTracer	73.69	5
TS314	GuijunLab-PAthreader	78.13	1	TS120	Cerebra	68.49	6
TS312	GuijunLab-Assembly	78.13	1	TS139	DeepFold-refine	68.36	3
TS148	Guijunlab-Complex	78.13	5	TS275	Seminoles	65.38	1
TS393	GuijunLab-QA	78.13	1	TS052	Yang-Server	64.23	1
TS264	GuijunLab-Human	78.13	1	TS419	CSSB-Human	63.71	3
TS319	MULTICOM_LLM	78.02	3	TS221	CSSB_FAKER	63.71	3
TS425	MULTICOM_GATE	78.02	2	TS269	CSSB_server	63.66	3
TS227	KUMC	77.81	3	TS456	Yang-Multimer	63.66	5
TS311	RAGfold_Prot1	77.44	4	TS059	DeepFold	62.49	6
TS207	MULTICOM_ligand	77.17	2	TS204	Zou	62.01	1
TS014	Cool-PSP	76.85	5	TS262	CoDock	61.92	3
TS164	McGuffin	76.67	1	TS461	forlilab	61.64	2
TS225	TS225	76.67	1	TS286	CSSB_experimental	60.78	2
TS163	MultiFOLD2	76.67	1	TS039	arosko	60.25	3
TS019	Zheng-Server	76.56	1	TS040	DELCLAB	58.05	5
TS196	HYU_MLLAB	76.32	4	TS361	Cerebra_server	58.04	1
TS450	OpenComplex_Server	76.09	5	TS494	ClusPro	57.81	1
TS167	OpenComplex	76.09	2	TS274	kozakovvajda	57.81	1
TS241	elofsson	76.05	2	TS132	profold2	37.74	1

## Supplementary Table S22: T1214 Sigma<br/>3 Score Results

Group	Group_Name	$\Sigma_{score}$ Score	Model	Group	$Group\_Name$	$\Sigma_{score}$ Score	Model
TS015	PEZYFoldings	95.40	5	TS267	kiharalab_server	85.13	2
TS386	ShanghaiTech-Ligand	94.08	4	TS293	MRAH	85.06	2
TS298	ShanghaiTech-human	94.08	4	TS079	MRAFold	85.06	1
TS208	falcon2	92.80	4	TS167	OpenComplex	85.00	2
TS462	Zheng	92.29	6	TS450	OpenComplex_Server	85.00	5
TS408	SNU-CHEM-lig	91.80	1	TS075	GHZ-ISM	84.89	2
TS055	LCDD-team	91.58	3	TS284	Unicorn	84.89	2
TS022	Yang	91.33	4	TS345	MULTICOM_human	84.87	4
TS202	test001	90.86	5	TS017	Seder2024hard	84.76	3
TS465	Wallner	90.74	3	TS145	colabfold_baseline	84.76	5
TS110	MIEnsembles-Server	89.48	2	TS369	Bhattacharya	84.70	1
TS388	DeepFold-server	87.75	4	TS122	MQA_server	84.65	4
TS147	Zheng-Multimer	87.38	1	TS051	MULTICOM	84.56	3
TS423	ShanghaiTech-server	87.25	1	TS331	MULTICOM_AI	84.56	3
TS091	Huang-HUST	87.13	2	TS198	colabfold	84.29	4
TS287	plmfold	86.96	1	TS235	isyslab-hust	84.11	3
TS102	Psi-Phi	86.95	2	TS400	OmniFold	83.80	1
TS148	Guijunlab-Complex	86.74	5	TS272	GromihaLab	83.67	1
TS264	GuijunLab-Human	86.74	1	TS464	PocketTracer	83.44	1
TS312	GuijunLab-Assembly	86.74	1	TS269	CSSB_server	76.64	3
TS314	GuijunLab-PAthreader	86.74	1	TS221	CSSB_FAKER	76.63	3
TS393	GuijunLab-QA	86.74	1	TS419	CSSB-Human	76.63	3
TS375	milliseconds	86.73	3	TS020	comppharmunibas	76.56	3
TS227	KUMC	86.67	3	TS052	Yang-Server	76.28	1
TS425	MULTICOM_GATE	86.39	2	TS456	Yang-Multimer	75.87	1
TS319	MULTICOM_LLM	86.39	3	TS139	DeepFold-refine	75.62	6
TS014	Cool-PSP	86.23	5	TS059	DeepFold	75.62	6
TS311	RAGfold_Prot1	86.21	4	TS204	Zou	75.40	5
TS207	MULTICOM_ligand	86.09	3	TS262	CoDock	74.54	3
TS164	McGuffin	86.06	1	TS120	Cerebra	63.21	6
TS225	TS225	86.06	1	TS039	arosko	55.81	3
TS163	MultiFOLD2	86.06	1	TS286	CSSB_experimental	54.69	4
TS294	KiharaLab	85.78	2	TS274	kozakovvajda	53.90	3
TS196	HYU_MLLAB	85.70	4	TS494	ClusPro	53.90	3
TS019	Zheng-Server	85.62	1	TS040	DELCLAB	53.84	5
TS241	elofsson	85.46	2	TS275	Seminoles	42.73	1
TS475	ptq	85.46	2	TS461	forlilab	39.80	2
TS304	AF3-server	85.46	2	TS361	Cerebra_server	18.76	1
TS301	GHZ-MAN	85.17	2	TS132	profold2	9.66	1

### Supplementary Table S23: T1214 Sigma4 Score Results

Group	Group_Name	$\Sigma_{score}$ Score	Model	Group	Group_Name	$\Sigma_{score}$ Score	Model
TS015	PEZYFoldings	94.44	5	TS267	kiharalab_server	83.67	2
TS386	ShanghaiTech-Ligand	93.01	4	TS079	MRAFold	83.64	5
TS298	ShanghaiTech-human	93.01	4	TS293	MRAH	83.63	2
TS208	falcon2	91.66	4	TS167	OpenComplex	83.59	2
TS462	Zheng	91.10	6	TS450	OpenComplex_Server	83.59	5
TS408	SNU-CHEM-lig	90.61	1	TS345	MULTICOM_human	83.45	4
TS055	LCDD-team	90.40	4	TS075	GHZ-ISM	83.42	2
TS022	Yang	90.16	4	TS284	Unicorn	83.42	2
TS465	Wallner	89.57	3	TS369	Bhattacharya	83.22	1
TS202	test001	89.38	5	TS122	MQA_server	83.13	4
TS110	MIEnsembles-Server	88.23	2	TS051	MULTICOM	83.12	3
TS388	DeepFold-server	86.53	4	TS017	Seder2024hard	83.12	3
TS423	ShanghaiTech-server	85.97	1	TS145	colabfold_baseline	83.12	5
TS147	Zheng-Multimer	85.96	1	TS331	MULTICOM_AI	83.12	3
TS091	Huang-HUST	85.80	2	TS235	isyslab-hust	82.62	3
TS102	Psi-Phi	85.59	5	TS198	colabfold	82.61	4
TS287	plmfold	85.58	1	TS400	OmniFold	82.22	1
TS375	milliseconds	85.40	3	TS272	GromihaLab	82.11	1
TS148	Guijunlab-Complex	85.37	5	TS464	PocketTracer	81.87	5
TS264	GuijunLab-Human	85.37	1	TS221	CSSB_FAKER	74.21	3
TS312	GuijunLab-Assembly	85.37	1	TS419	CSSB-Human	74.21	3
TS314	GuijunLab-PAthreader	85.37	1	TS269	CSSB_server	74.20	3
TS393	GuijunLab-QA	85.37	1	TS020	comppharmunibas	74.16	3
TS227	KUMC	85.28	3	TS052	Yang-Server	73.95	1
TS425	$MULTICOM\_GATE$	85.12	2	TS456	Yang-Multimer	73.37	1
TS319	MULTICOM_LLM	85.12	3	TS139	DeepFold-refine	73.02	6
TS014	Cool-PSP	84.85	5	TS059	DeepFold	73.02	6
TS311	RAGfold_Prot1	84.80	4	TS204	Zou	72.76	5
TS207	MULTICOM_ligand	84.68	2	TS262	CoDock	71.81	3
TS164	McGuffin	84.58	1	TS120	Cerebra	60.41	6
TS225	TS225	84.58	1	TS039	arosko	53.05	3
TS163	MultiFOLD2	84.58	1	TS286	CSSB_experimental	51.91	2
TS294	KiharaLab	84.28	2	TS274	kozakovvajda	50.66	3
TS196	$HYU\_MLLAB$	84.21	4	TS494	ClusPro	50.66	3
TS019	Zheng-Server	84.18	1	TS040	DELCLAB	50.16	3
TS475	ptq	84.06	3	TS275	Seminoles	39.95	1
TS241	elofsson	83.94	2	TS461	forlilab	36.73	2
TS304	AF3-server	83.94	2	TS361	Cerebra_server	34.59	1
TS301	GHZ-MAN	83.68	2	TS132	profold2	10.44	1

Supplementary Table S24: Results for T1214 TMscore Two-State Score

Group	Group_Name	Two-State_Score	V1_TMscore	V2_TMscore	V1_Model	V2_Model
TS091	Huang-HUST	1.99	0.99	1.00	TS091_v1_2	TS091_v2_4
TS462	Zheng	1.98	0.99	1.00	$TS462_v1_6$	$TS462_v2_3$
TS015	PEZYFoldings	1.98	0.99	0.99	$TS015_v1_2$	$TS015_v2_1$
TS388	DeepFold-server	1.98	0.99	1.00	$TS388_v1_4$	$TS388_v2_1$
TS110	MIEnsembles-Server	1.98	0.99	1.00	TS110_v1_2	$TS110_v2_5$
TS319	MULTICOM_LLM	1.98	0.99	0.99	TS319_v1_3	$TS319_v2_4$
TS425	$MULTICOM\_GATE$	1.98	0.99	0.99	$TS425_v1_2$	$TS425_v2_4$
TS375	milliseconds	1.98	0.99	1.00	$TS375_v1_3$	$TS375_v2_4$
TS147	Zheng-Multimer	1.98	0.99	1.00	$TS147_v1_4$	$TS147_v2_3$
TS022	Yang	1.98	0.99	0.99	$TS022\_v1\_4$	$TS022\_v2\_2$
TS148	Guijunlab-Complex	1.98	0.99	0.99	$TS148_v1_5$	$TS148_v2_2$
TS198	colabfold	1.98	0.98	1.00	TS198_v1_5	$TS198_v2_1$
TS017	Seder2024hard	1.98	0.98	1.00	$TS017_v1_4$	$TS017_v2_1$
TS145	colabfold_baseline	1.98	0.98	1.00	$TS145_v1_2$	$TS145_v2_1$
TS055	LCDD-team	1.98	0.99	0.99	$TS055\_v1\_3$	$TS055_v2_1$
TS465	Wallner	1.97	0.99	0.99	$TS465_v1_3$	$TS465_v2_1$
TS208	falcon2	1.97	0.99	0.98	$TS208_v1_4$	$TS208_v2_2$
TS287	plmfold	1.97	0.99	0.99	$TS287_v1_2$	$TS287_v2_5$
TS408	SNU-CHEM-lig	1.97	0.99	0.98	$TS408_v1_1$	$TS408_v2_2$
TS423	ShanghaiTech-server	1.97	0.99	0.98	$TS423_v1_1$	$TS423_v2_4$
TS235	isyslab-hust	1.97	0.99	0.99	$TS235\_v1\_3$	$TS235\_v2\_5$
TS314	GuijunLab-PAthreader	1.97	0.99	0.98	$TS314\_v1\_1$	$TS314_v2_5$
TS312	GuijunLab-Assembly	1.97	0.99	0.98	$TS312\_v1\_1$	$TS312\_v2\_5$
TS393	GuijunLab-QA	1.97	0.99	0.98	$TS393_v1_1$	$TS393_v2_4$
TS019	Zheng-Server	1.97	0.99	0.98	$TS019_v1_2$	$TS019_v2_1$
TS051	MULTICOM	1.97	0.99	0.98	$TS051\_v1\_1$	$TS051_v2_6$
TS267	kiharalab_server	1.97	0.99	0.98	$TS267_v1_1$	$TS267\_v2\_3$
TS345	MULTICOM_human	1.97	0.99	0.98	$TS345_v1_4$	$TS345_v2_1$
TS311	$RAGfold\_Prot1$	1.97	0.99	0.98	$TS311_v1_1$	$TS311_v2_2$
TS264	GuijunLab-Human	1.97	0.99	0.98	$TS264_v1_1$	$TS264_v2_6$
TS475	$\operatorname{ptq}$	1.97	0.99	0.98	$TS475_v1_3$	$TS475_v2_1$
TS014	Cool-PSP	1.97	0.99	0.98	$TS014\_v1\_4$	$TS014\_v2\_2$
TS020	comppharmunibas	1.97	0.98	0.99	$TS020_v1_4$	$TS020\_v2\_3$
TS164	McGuffin	1.97	0.98	0.98	$TS164_v1_1$	$TS164_v2_5$
TS163	MultiFOLD2	1.97	0.98	0.98	$TS163_v1_1$	$TS163_v2_5$
TS052	Yang-Server	1.97	0.98	0.99	$TS052\_v1\_1$	$TS052\_v2\_5$
TS122	$MQA_server$	1.97	0.99	0.98	$TS122\_v1\_2$	$TS122\_v2\_1$
TS204	Zou	1.97	0.97	1.00	$TS204\_v1\_3$	$TS204\_v2\_5$
TS196	HYU_MLLAB	1.97	0.98	0.98	$TS196_v1_2$	$TS196_v2_1$
TS079	MRAFold	1.97	0.99	0.98	$TS079_v1_5$	$TS079\_v2\_2$
TS456	Yang-Multimer	1.97	0.98	0.99	$TS456\_v1\_5$	$TS456_v2_4$
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Supplementary Table S24 – continued from previous page

Group	Group_Name	Two-State_Score	V1_TMscore	V2_TMscore	V1_Model	V2_Model
TS293	MRAH	1.97	0.99	0.98	TS293_v1_3	TS293_v2_1
TS301	GHZ-MAN	1.97	0.98	0.98	$TS301_v1_2$	$TS301_v2_4$
TS369	Bhattacharya	1.97	0.98	0.98	$TS369_v1_1$	$TS369_v2_5$
TS304	AF3-server	1.97	0.98	0.98	$TS304\_v1\_2$	$TS304_v2_1$
TS241	elofsson	1.97	0.98	0.98	$TS241_v1_2$	$TS241_v2_1$
TS272	GromihaLab	1.97	0.98	0.98	$TS272\_v1\_4$	$TS272\_v2\_1$
TS227	KUMC	1.97	0.99	0.98	$TS227_v1_2$	$TS227_v2_1$
TS464	PocketTracer	1.97	0.98	0.98	$TS464_v1_3$	$TS464_v2_5$
TS419	CSSB-Human	1.97	0.97	0.99	$TS419_v1_3$	$TS419_v2_1$
TS221	CSSB_FAKER	1.97	0.97	0.99	$TS221_v1_3$	$TS221\_v2\_1$
TS102	Psi-Phi	1.97	0.99	0.98	$TS102_v1_1$	$TS102\_v2\_3$
TS269	$CSSB\_server$	1.97	0.97	0.99	$TS269\_v1\_3$	$TS269_v2_1$
TS207	MULTICOM_ligand	1.97	0.99	0.98	$TS207\_v1\_3$	$TS207_v2_1$
TS331	MULTICOM_AI	1.97	0.99	0.98	$TS331_v1_1$	$TS331\_v2\_5$
TS139	DeepFold-refine	1.97	0.97	1.00	$TS139\_v1\_3$	$TS139\_v2\_6$
TS298	ShanghaiTech-human	1.97	0.99	0.98	$TS298_v1_1$	$TS298\_v2\_5$
TS386	ShanghaiTech-Ligand	1.97	0.99	0.98	$TS386_v1_1$	$TS386_v2_5$
TS059	DeepFold	1.97	0.97	1.00	$TS059_v1_3$	$TS059\_v2\_6$
TS284	Unicorn	1.97	0.99	0.98	$TS284\_v1\_3$	$TS284_v2_5$
TS075	GHZ-ISM	1.97	0.99	0.98	$TS075_v1_3$	$TS075\_v2\_5$
TS286	$CSSB_{experimental}$	1.97	0.97	0.99	$TS286\_v1\_2$	$TS286_v2_4$
TS262	CoDock	1.97	0.97	0.99	$TS262\_v1\_5$	$TS262\_v2\_2$
TS040	DELCLAB	1.96	0.96	1.00	$TS040_v1_5$	$TS040_v2_3$
TS494	ClusPro	1.95	0.95	1.00	$TS494_v1_3$	$TS494_v2_1$
TS274	kozakovvajda	1.95	0.95	1.00	$TS274\_v1\_3$	$TS274_v2_1$
TS039	arosko	1.95	0.96	0.99	$TS039_v1_1$	$TS039_v2_2$
TS294	KiharaLab	1.94	0.98	0.96	$TS294_v1_2$	$TS294_v2_1$
TS202	test001	1.94	0.98	0.95	$TS202\_v1\_5$	$TS202\_v2\_2$
TS461	forlilab	1.93	0.96	0.97	$TS461_v1_2$	$TS461_v2_3$
TS167	OpenComplex	1.92	0.99	0.94	$TS167_v1_2$	$TS167_v2_1$
TS120	Cerebra	1.92	0.97	0.95	$TS120_v1_6$	$TS120_v2_1$
TS450	$OpenComplex\_Server$	1.90	0.99	0.92	$TS450_v1_5$	$TS450_v2_1$
TS361	Cerebra_server	1.89	0.94	0.95	$TS361_v1_3$	$TS361_v2_1$
TS225	Unknown	0.98	0.98	0.00	$TS225_v1_1$	$N/A^1$
TS400	OmniFold	0.98	0.98	0.00	$TS400_v1_1$	$N/A^1$
TS275	Seminoles	0.96	0.96	0.00	TS275_v1_1	$N/A^1$
TS132	profold2	0.80	0.00	0.80	$N/A^1$	TS132_v2_1

 $<sup>^{1}</sup>$  Model either not submitted or not assessed

Supplementary Table S25: Results for T1228 GDT TS Two-State Score

Group	Group_Name	Two-State_Score	V1_GDT_TS	V2_GDT_TS	V1_Model	V2_Model
TS462	Zheng	1.16	63.11	53.04	TS462_v1_3	TS462_v2_5
TS264	GuijunLab-Human	1.16	55.95	60.07	$TS264_v1_6$	$TS264_v2_2$
TS147	Zheng-Multimer	1.16	62.31	53.37	$TS147_v1_1$	$TS147_v2_1$
TS148	Guijunlab-Complex	1.15	54.45	60.07	$TS148_v2_3$	$TS148_v1_3$
TS481	Vfold	1.12	61.80	50.66	$TS481_v1_3$	$TS481_v2_5$
TS167	OpenComplex	1.12	57.07	55.34	$TS167_v1_1$	$TS167_v2_3$
TS450	OpenComplex_Server	1.12	57.07	55.34	$TS450_v1_1$	$TS450_v2_3$
TS022	Yang	1.12	57.21	54.92	$TS022\_v1\_4$	$TS022\_v2\_5$
TS052	Yang-Server	1.12	59.50	52.39	$TS052\_v1\_4$	$TS052\_v2\_2$
TS456	Yang-Multimer	1.11	58.33	52.39	$TS456\_v1\_3$	$TS456_v2_2$
TS204	Zou	1.11	62.17	48.41	$TS204_v1_1$	$TS204_v2_2$
TS241	elofsson	1.10	58.57	51.83	$TS241_v2_1$	$TS241_v1_2$
TS294	KiharaLab	1.09	59.97	49.44	$TS294\_v2\_5$	$TS294\_v1\_3$
TS091	Huang-HUST	1.09	54.54	54.63	$TS091_v1_2$	$TS091_v2_5$
TS033	Diff	1.09	56.88	51.83	$TS033_v2_1$	$TS033_v1_4$
TS262	CoDock	1.08	55.90	52.34	$TS262\_v1\_2$	$TS262_v2_4$
TS212	PIEFold_human	1.08	55.10	52.48	$TS212\_v2\_4$	$TS212\_v1\_2$
TS375	milliseconds	1.07	59.41	47.57	$TS375_v2_4$	$TS375_v1_3$
TS028	NKRNA-s	1.07	51.31	55.38	$TS028\_v1\_2$	$TS028\_v2\_5$
TS301	GHZ-MAN	1.07	55.95	50.70	$TS301_v1_3$	$TS301_v2_4$
TS110	MIEnsembles-Server	1.06	52.25	53.56	$TS110_v1_2$	$TS110_v2_5$
TS304	AF3-server	1.05	57.73	46.86	$TS304\_v1\_4$	$TS304\_v2\_5$
TS051	MULTICOM	1.04	56.65	47.33	$TS051_v1_3$	$TS051_v2_2$
TS345	MULTICOM_human	1.04	56.65	47.33	$TS345\_v1\_3$	$TS345_v2_2$
TS319	MULTICOM_LLM	1.04	56.65	47.33	$TS319\_v1\_2$	$TS319\_v2\_4$
TS331	MULTICOM_AI	1.04	56.65	47.33	$TS331\_v1\_2$	$TS331\_v2\_4$
TS274	kozakovvajda	1.04	56.32	47.52	$TS274\_v1\_2$	$TS274\_v2\_2$
TS494	ClusPro	1.04	56.32	47.52	$TS494_v1_2$	$TS494_v2_2$
TS231	B-LAB	1.04	56.27	47.33	$TS231_v2_4$	$TS231_v1_4$
TS314	GuijunLab-PAthreader	1.04	48.55	55.01	$TS314\_v2\_3$	$TS314_v1_1$
TS286	$CSSB_{experimental}$	1.03	56.13	47.33	$TS286\_v1\_5$	$TS286_v2_4$
TS425	$MULTICOM\_GATE$	1.03	55.85	47.33	$TS425\_v1\_1$	$TS425\_v2\_1$
TS198	colabfold	1.03	56.41	46.16	$TS198\_v2\_2$	$TS198\_v1\_2$
TS419	CSSB-Human	1.02	55.52	46.77	$TS419_v2_4$	$TS419\_v1\_3$
TS221	$CSSB\_FAKER$	1.02	55.57	46.63	$TS221\_v2\_2$	$TS221\_v1\_5$
TS369	Bhattacharya	1.02	54.82	47.28	$TS369\_v1\_2$	$TS369\_v2\_1$
TS019	Zheng-Server	1.02	51.69	50.28	$TS019\_v1\_4$	$TS019\_v2\_4$
TS475	$\operatorname{ptq}$	1.01	58.43	42.70	$TS475\_v2\_5$	$TS475\_v1\_2$
TS014	Cool-PSP	1.01	58.57	42.56	$TS014\_v2\_6$	$TS014\_v1\_6$
TS287	plmfold	1.01	54.07	47.00	$TS287\_v1\_2$	$TS287\_v2\_1$
TS267	kiharalab_server	1.00	54.68	45.37	$TS267\_v1\_1$	$TS267\_v2\_5$

Supplementary Table S25 - continued from previous page

Group	Group_Name	Two-State_Score	V1_GDT_TS	V2_GDT_TS	V1_Model	V2_Model
TS079	MRAFold	1.00	54.82	44.94	TS079_v1_2	TS079_v2_2
TS293	MRAH	1.00	54.82	44.94	$TS293_v1_2$	$TS293_v2_2$
TS489	Fernandez-Recio	1.00	55.48	44.20	$TS489_v1_2$	$TS489_v2_2$
TS208	falcon2	0.99	54.54	44.66	$TS208_v2_5$	$TS208_v1_1$
TS196	$HYU\_MLLAB$	0.99	53.37	45.37	$TS196_v1_5$	$TS196_v2_5$
TS312	GuijunLab-Assembly	0.98	53.84	44.66	$TS312\_v1\_4$	$TS312\_v2\_2$
TS017	Seder2024hard	0.98	54.35	43.63	$TS017_v1_5$	$TS017_v2_5$
TS112	Seder2024easy	0.98	54.35	43.63	$TS112_v1_4$	$TS112\_v2\_3$
TS145	$colabfold\_baseline$	0.98	54.35	43.54	$TS145_v1_3$	$TS145_v2_3$
TS465	Wallner	0.97	50.00	47.47	$TS465_v1_5$	$TS465_v2_1$
TS235	isyslab-hust	0.97	50.80	45.83	$TS235_v1_1$	$TS235_v2_3$
TS311	RAGfold_Prot1	0.97	49.86	46.72	$TS311_v1_2$	$TS311_v2_5$
TS163	MultiFOLD2	0.96	53.23	42.79	$TS163_v1_5$	$TS163_v2_2$
TS015	PEZYFoldings	0.96	51.12	44.43	$TS015_v2_2$	$TS015\_v1\_5$
TS298	ShanghaiTech-human	0.95	54.35	40.68	$TS298\_v1\_3$	$TS298\_v2\_3$
TS284	Unicorn	0.95	44.20	50.70	$TS284_v1_3$	$TS284\_v2\_4$
TS122	$MQA_{-}server$	0.95	44.20	50.70	$TS122\_v1\_3$	$TS122\_v2\_4$
TS075	GHZ-ISM	0.95	44.20	50.70	$TS075_v1_3$	$TS075_v2_4$
TS164	McGuffin	0.95	48.03	46.72	$TS164_v1_1$	$TS164_v2_2$
TS159	406	0.94	49.34	44.94	$TS159_v1_1$	$TS159_v2_1$
TS325	405	0.94	49.34	44.94	$TS325_v1_1$	$TS325_v2_1$
TS269	$CSSB\_server$	0.93	50.70	42.27	$TS269_v1_1$	$TS269_v2_1$
TS059	DeepFold	0.92	46.91	44.62	$TS059\_v2\_3$	$TS059\_v1\_3$
TS388	DeepFold-server	0.89	44.10	45.13	$TS388\_v1\_3$	$TS388\_v2\_3$
TS023	FTBiot0119	0.86	45.79	39.84	$TS023\_v1\_3$	$TS023\_v2\_4$
TS139	DeepFold-refine	0.80	40.59	39.56	$TS139_v1_4$	$TS139\_v2\_2$
TS120	Cerebra	0.76	38.34	37.73	$TS120_v1_4$	$TS120\_v2\_1$
TS361	Cerebra_server	0.66	32.77	33.33	$TS361_v1_1$	$TS361_v2_1$

Supplementary Table S26: Results for T1228 Global LDDT Two-State Score

	G 37				T74 3 5 1 1	
Group	Group_Name	Two-State_Score	V1_gLDDT	V2_gLDDT	V1_Model	V2_Model
TS314	GuijunLab-PAthreader	1.52	0.77	0.75	$TS314\_v1\_4$	$TS314\_v2\_5$
TS028	NKRNA-s	1.52	0.77	0.76	$TS028\_v1\_5$	$TS028\_v2\_4$
TS319	$MULTICOM\_LLM$	1.52	0.77	0.75	$TS319\_v1\_1$	$TS319\_v2\_2$
TS331	$MULTICOM\_AI$	1.52	0.77	0.75	$TS331_v1_1$	$TS331\_v2\_2$
TS051	MULTICOM	1.52	0.77	0.75	$TS051_v1_1$	$TS051\_v2\_3$
TS345	MULTICOM_human	1.52	0.77	0.75	$TS345\_v1\_1$	$TS345\_v2\_3$
TS110	MIEnsembles-Server	1.52	0.77	0.76	$TS110\_v1\_3$	$TS110\_v2\_3$
TS147	Zheng-Multimer	1.52	0.77	0.75	$TS147\_v2\_4$	$TS147_v1_5$
TS425	$MULTICOM\_GATE$	1.51	0.77	0.74	$TS425\_v2\_4$	$TS425_v1_4$
TS462	Zheng	1.51	0.77	0.74	$TS462\_v2\_2$	$TS462\_v1\_2$
TS022	Yang	1.51	0.77	0.75	$TS022\_v1\_3$	$TS022\_v2\_5$
TS145	$colab fold_base line$	1.51	0.77	0.74	$TS145\_v1\_3$	$TS145\_v2\_3$
TS198	colabfold	1.51	0.77	0.74	$TS198\_v1\_3$	$TS198\_v2\_2$
TS204	Zou	1.51	0.76	0.75	$TS204\_v1\_4$	$TS204\_v2\_5$
TS075	GHZ-ISM	1.51	0.76	0.75	$TS075\_v1\_2$	$TS075\_v2\_4$
TS284	Unicorn	1.51	0.76	0.75	$TS284\_v1\_2$	$TS284\_v2\_4$
TS122	$MQA$ _server	1.51	0.76	0.75	$TS122\_v1\_2$	$TS122\_v2\_4$
TS167	OpenComplex	1.51	0.76	0.74	$TS167\_v1\_1$	$TS167\_v2\_5$
TS450	OpenComplex_Server	1.51	0.76	0.74	$TS450\_v1\_1$	$TS450_v2_5$
TS017	Seder2024hard	1.51	0.77	0.74	$TS017_v1_4$	$TS017\_v2\_2$
TS475	$\operatorname{ptq}$	1.51	0.76	0.74	$TS475_v1_5$	$TS475_v2_4$
TS298	ShanghaiTech-human	1.51	0.77	0.74	$TS298\_v1\_3$	$TS298\_v2\_1$
TS231	B-LAB	1.51	0.76	0.74	$TS231_v2_4$	$TS231_v1_1$
TS294	KiharaLab	1.50	0.76	0.74	$TS294\_v2\_4$	$TS294\_v1\_3$
TS264	GuijunLab-Human	1.50	0.76	0.74	$TS264\_v2\_4$	$TS264\_v1\_6$
TS325	405	1.50	0.76	0.74	$TS325\_v1\_1$	$TS325\_v2\_1$
TS159	406	1.50	0.76	0.74	$TS159\_v1\_1$	$TS159\_v2\_1$
TS375	milliseconds	1.50	0.76	0.74	$TS375\_v2\_4$	$TS375\_v1\_2$
TS033	Diff	1.50	0.76	0.74	$TS033\_v2\_1$	$TS033_v1_4$
TS465	Wallner	1.50	0.76	0.74	$TS465_v1_1$	$TS465_v2_4$
TS301	GHZ-MAN	1.50	0.76	0.75	$TS301\_v1\_3$	$TS301_v2_4$
TS456	Yang-Multimer	1.50	0.76	0.74	$TS456\_v1\_1$	$TS456\_v2\_2$
TS148	Guijunlab-Complex	1.50	0.76	0.75	$TS148\_v2\_2$	$TS148\_v1\_2$
TS489	Fernandez-Recio	1.50	0.77	0.74	$TS489\_v1\_2$	$TS489\_v2\_2$
TS369	Bhattacharya	1.50	0.76	0.74	$TS369_v1_1$	$TS369\_v2\_2$
TS241	elofsson	1.50	0.76	0.74	$TS241_v2_1$	$TS241_v1_4$
TS481	Vfold	1.50	0.76	0.74	$TS481\_v2\_1$	$TS481_v1_1$
TS196	$HYU\_MLLAB$	1.50	0.76	0.74	$TS196_v1_2$	$TS196_v2_4$
TS052	Yang-Server	1.50	0.76	0.74	$TS052\_v1\_1$	$TS052\_v2\_2$
TS164	McGuffin	1.50	0.76	0.74	$TS164_v2_5$	$TS164_v1_1$
TS269	$CSSB\_server$	1.50	0.76	0.74	$TS269\_v1\_1$	$TS269\_v2\_1$

Supplementary Table S26 – continued from previous page

Group	Group_Name	Two-State_Score	V1_gLDDT	V2_gLDDT	V1_Model	V2_Model
TS019	Zheng-Server	1.50	0.76	0.74	TS019_v1_4	TS019_v2_3
TS267	kiharalab_server	1.50	0.76	0.74	$TS267_v2_3$	$TS267_v1_3$
TS312	GuijunLab-Assembly	1.50	0.76	0.74	$TS312\_v2\_5$	$TS312\_v1\_5$
TS287	plmfold	1.50	0.76	0.74	$TS287_v1_4$	$TS287_v2_4$
TS208	falcon2	1.50	0.76	0.74	$TS208_v2_5$	$TS208\_v1\_1$
TS304	AF3-server	1.50	0.76	0.74	$TS304_v2_1$	$TS304\_v1\_3$
TS235	isyslab-hust	1.50	0.76	0.74	$TS235\_v1\_2$	$TS235_v2_1$
TS015	PEZYFoldings	1.50	0.76	0.74	$TS015\_v1\_5$	$TS015\_v2\_2$
TS014	Cool-PSP	1.49	0.76	0.74	$TS014_v1_5$	$TS014_v2_5$
TS388	DeepFold-server	1.49	0.75	0.74	$TS388_v1_3$	$TS388_v2_3$
TS023	FTBiot0119	1.49	0.76	0.74	$TS023_v1_3$	$TS023_v2_4$
TS059	DeepFold	1.49	0.75	0.74	$TS059_v1_4$	$TS059_v2_4$
TS163	MultiFOLD2	1.49	0.75	0.73	$TS163_v1_1$	$TS163_v2_2$
TS079	MRAFold	1.49	0.76	0.73	$TS079_v1_1$	$TS079_v2_1$
TS091	Huang-HUST	1.49	0.75	0.74	$TS091_v1_3$	$TS091_v2_4$
TS311	$RAGfold\_Prot1$	1.48	0.75	0.74	$TS311_v1_4$	$TS311_v2_5$
TS419	CSSB-Human	1.48	0.75	0.73	$TS419_v2_3$	$TS419_v1_2$
TS221	CSSB_FAKER	1.48	0.75	0.73	$TS221_v2_4$	$TS221_v1_2$
TS293	MRAH	1.48	0.75	0.73	$TS293_v1_4$	$TS293_v2_4$
TS112	Seder2024easy	1.48	0.75	0.73	$TS112_v1_1$	$TS112_v2_2$
TS286	$CSSB_{-}experimental$	1.48	0.75	0.73	$TS286_v2_3$	$TS286_v1_4$
TS262	CoDock	1.47	0.74	0.73	$TS262_v1_4$	$TS262_v2_2$
TS274	kozakovvajda	1.46	0.74	0.72	$TS274_v1_1$	$TS274_v2_3$
TS494	ClusPro	1.46	0.74	0.72	$TS494_v1_1$	$TS494_v2_3$
TS139	DeepFold-refine	1.45	0.75	0.71	$TS139_v1_6$	$TS139_v2_6$
TS212	PIEFold_human	1.38	0.70	0.68	$TS212\_v2\_5$	$TS212_v1_2$
TS120	Cerebra	1.29	0.65	0.64	$TS120_v2_5$	$TS120_v1_2$
TS361	Cerebra_server	1.27	0.65	0.62	TS361_v1_2	TS361_v2_1

Supplementary Table S27: Results for T1228 TMscore Two-State Score

Group	Group_Name	Two-State_Score	$V1\_TMscore$	$V2\_TMscore$	$V1\_Model$	$V2\_Model$
TS264	GuijunLab-Human	1.61	0.78	0.82	TS264_v1_6	TS264_v2_1
TS148	Guijunlab-Complex	1.59	0.77	0.83	$TS148_v2_3$	$TS148\_v1\_2$
TS147	Zheng-Multimer	1.55	0.83	0.72	$TS147_v1_1$	$TS147_v2_1$
TS450	OpenComplex_Server	1.55	0.80	0.75	$TS450_v1_1$	$TS450_v2_3$
TS167	OpenComplex	1.55	0.80	0.75	$TS167_v1_1$	$TS167_v2_3$
TS022	Yang	1.55	0.78	0.76	$TS022\_v1\_3$	$TS022\_v2\_5$
TS481	Vfold	1.54	0.82	0.71	$TS481_v1_3$	$TS481_v2_5$
TS462	Zheng	1.53	0.83	0.70	$TS462_v1_3$	$TS462\_v2\_5$
TS091	Huang-HUST	1.51	0.77	0.74	$TS091\_v1\_3$	$TS091\_v2\_5$
TS241	elofsson	1.51	0.79	0.71	$TS241_v2_1$	$TS241\_v1\_2$
TS456	Yang-Multimer	1.50	0.80	0.70	$TS456\_v1\_3$	$TS456_v2_2$
TS052	Yang-Server	1.50	0.79	0.70	$TS052\_v1\_4$	$TS052\_v2\_2$
TS033	Diff	1.48	0.80	0.68	$TS033_v2_1$	$TS033_v1_4$
TS262	CoDock	1.48	0.77	0.71	$TS262\_v1\_2$	$TS262\_v2\_1$
TS028	NKRNA-s	1.47	0.72	0.76	$TS028\_v1\_2$	$TS028\_v2\_4$
TS212	PIEFold_human	1.47	0.77	0.71	$TS212\_v2\_3$	$TS212\_v1\_2$
TS110	MIEnsembles-Server	1.47	0.73	0.74	$TS110_v1_2$	$TS110_v2_3$
TS314	GuijunLab-PAthreader	1.46	0.69	0.77	$TS314\_v2\_3$	$TS314_v1_1$
TS019	Zheng-Server	1.41	0.73	0.68	$TS019_v1_4$	$TS019\_v2\_3$
TS204	Zou	1.39	0.83	0.56	$TS204_v1_1$	$TS204\_v2\_2$
TS301	GHZ-MAN	1.38	0.72	0.67	$TS301_v1_3$	$TS301\_v2\_5$
TS294	KiharaLab	1.38	0.82	0.56	$TS294_v2_5$	$TS294_v1_1$
TS375	milliseconds	1.38	0.81	0.56	$TS375_v2_4$	$TS375\_v1\_2$
TS051	MULTICOM	1.36	0.80	0.56	$TS051\_v1\_3$	$TS051\_v2\_5$
TS345	$MULTICOM\_human$	1.36	0.80	0.56	$TS345_v1_3$	$TS345\_v2\_5$
TS494	ClusPro	1.36	0.80	0.56	$TS494_v1_1$	$TS494_v2_2$
TS274	kozakovvajda	1.36	0.80	0.56	$TS274_v1_1$	$TS274_v2_2$
TS331	MULTICOM_AI	1.36	0.80	0.56	$TS331_v1_2$	$TS331_v2_1$
TS319	$MULTICOM_LLM$	1.36	0.80	0.56	$TS319_v1_2$	$TS319_v2_1$
TS231	B-LAB	1.35	0.79	0.56	$TS231_v2_2$	$TS231_v1_4$
TS425	$MULTICOM\_GATE$	1.35	0.79	0.56	$TS425_v1_1$	$TS425\_v2\_2$
TS419	CSSB-Human	1.35	0.79	0.56	$TS419_v1_1$	$TS419_v2_2$
TS198	colabfold	1.34	0.78	0.56	$TS198\_v1\_2$	$TS198\_v2\_2$
TS221	$CSSB\_FAKER$	1.34	0.78	0.56	$TS221\_v1\_1$	$TS221\_v2\_1$
TS014	Cool-PSP	1.34	0.79	0.55	$TS014\_v2\_5$	$TS014\_v1\_5$
TS286		1.34	0.78	0.56	$TS286_v1_1$	$TS286_v2_4$
TS489	Fernandez-Recio	1.34	0.79	0.55	$TS489_v1_2$	$TS489_v2_5$
TS287	plmfold	1.34	0.76	0.58	$TS287\_v1\_2$	$TS287\_v2\_1$
TS235	isyslab-hust	1.33	0.72	0.61	$TS235_v1_1$	$TS235\_v2\_3$
TS304	AF3-server	1.33	0.77	0.56	$TS304\_v2\_2$	$TS304\_v1\_4$
TS312	GuijunLab-Assembly	1.33	0.76	0.56	$TS312\_v1\_5$	$TS312\_v2\_2$

Supplementary Table S27 – continued from previous page

Group	Group_Name	Two-State_Score	V1_TMscore	V2_TMscore	V1_Model	V2_Model
TS293	MRAH	1.32	0.76	0.56	TS293_v1_2	TS293_v2_2
TS079	MRAFold	1.32	0.76	0.56	$TS079_v1_2$	$TS079_v2_2$
TS267	kiharalab_server	1.32	0.76	0.57	$TS267_v1_1$	$TS267_v2_5$
TS369	Bhattacharya	1.32	0.76	0.56	$TS369_v1_2$	$TS369_v2_1$
TS208	falcon2	1.32	0.76	0.55	$TS208_v2_5$	$TS208_v1_1$
TS112	Seder2024easy	1.31	0.76	0.55	$TS112_v1_4$	$TS112\_v2\_3$
TS017	Seder2024hard	1.31	0.76	0.55	$TS017_v1_5$	$TS017\_v2\_5$
TS145	$colabfold\_baseline$	1.31	0.76	0.55	$TS145_v1_3$	$TS145_v2_3$
TS015	PEZYFoldings	1.31	0.74	0.56	$TS015_v2_2$	$TS015_v1_3$
TS163	MultiFOLD2	1.30	0.76	0.54	$TS163_v1_5$	$TS163_v2_2$
TS269	$CSSB\_server$	1.29	0.75	0.54	$TS269_v1_1$	$TS269_v2_1$
TS465	Wallner	1.28	0.71	0.58	$TS465_v1_3$	$TS465_v2_1$
TS298	ShanghaiTech-human	1.28	0.76	0.52	$TS298\_v1\_3$	$TS298_v2_3$
TS475	$\operatorname{ptq}$	1.27	0.73	0.54	$TS475_v2_5$	$TS475_v1_2$
TS325	405	1.27	0.71	0.55	$TS325\_v1\_1$	$TS325_v2_1$
TS159	406	1.27	0.71	0.55	$TS159_v1_1$	$TS159_v2_1$
TS196	$HYU\_MLLAB$	1.26	0.70	0.56	$TS196_v1_5$	$TS196_v2_5$
TS164	McGuffin	1.25	0.67	0.58	$TS164_v1_1$	$TS164_v2_2$
TS284	Unicorn	1.23	0.54	0.69	$TS284_v2_4$	$TS284_v1_3$
TS122	$MQA_{server}$	1.23	0.54	0.69	$TS122_v2_4$	$TS122\_v1\_3$
TS075	GHZ-ISM	1.23	0.54	0.69	$TS075_v2_4$	$TS075_v1_3$
TS059	DeepFold	1.21	0.61	0.60	$TS059\_v1\_6$	$TS059_v2_4$
TS023	FTBiot0119	1.19	0.66	0.53	$TS023\_v1\_2$	$TS023_v2_4$
TS311	$RAGfold\_Prot1$	1.18	0.58	0.60	$TS311_v1_4$	$TS311\_v2\_5$
TS388	DeepFold-server	1.18	0.58	0.61	$TS388\_v2\_3$	$TS388\_v1\_3$
TS139	DeepFold-refine	1.17	0.61	0.56	$TS139_v1_6$	$TS139\_v2\_2$
TS120	Cerebra	1.12	0.55	0.56	$TS120_v1_4$	$TS120\_v2\_3$
TS361	Cerebra_server	1.06	0.51	0.55	TS361_v1_1	TS361_v2_1

Supplementary Table S28: Results for T1239 GDT TS Two-State Score

Group	Group_Name	Two-State_Score	V1_GDT_TS	V2_GDT_TS	V1_Model	V2_Model
TS462	Zheng	1.20	70.81	48.98	TS462_v2_2	TS462_v1_1
TS235	isyslab-hust	1.14	71.31	42.85	$TS235_v2_4$	$TS235_v1_1$
TS221	CSSB_FAKER	1.14	71.10	42.94	$TS221_v2_1$	$TS221_v1_5$
TS419	CSSB-Human	1.14	71.10	42.94	$TS419_v2_1$	$TS419_v1_5$
TS028	NKRNA-s	1.13	71.36	42.13	$TS028\_v2\_2$	$TS028\_v1\_2$
TS345	MULTICOM_human	1.13	71.23	42.09	$TS345_v1_4$	$TS345\_v2\_5$
TS051	MULTICOM	1.13	71.23	42.09	$TS051_v1_4$	$TS051\_v2\_5$
TS286	$CSSB_{experimental}$	1.13	69.87	42.77	$TS286\_v2\_1$	$TS286\_v1\_2$
TS208	falcon2	1.09	66.99	41.54	$TS208\_v1\_4$	$TS208\_v2\_4$
TS425	$MULTICOM\_GATE$	1.08	63.22	44.46	$TS425_v1_2$	$TS425_v2_4$
TS019	Zheng-Server	1.06	54.02	52.20	$TS019_v1_5$	$TS019_v2_5$
TS022	Yang	1.05	60.72	44.42	$TS022\_v1\_5$	$TS022_v2_4$
TS204	Zou	1.05	61.23	43.53	$TS204\_v1\_5$	$TS204\_v2\_2$
TS110	MIEnsembles-Server	1.05	63.01	41.71	$TS110_v1_1$	$TS110_v2_2$
TS456	Yang-Multimer	1.04	60.21	44.29	$TS456\_v1\_3$	$TS456\_v2\_2$
TS147	Zheng-Multimer	1.03	56.27	47.08	$TS147_v1_3$	$TS147_v2_5$
TS450	OpenComplex_Server	1.03	54.07	48.52	$TS450_v1_5$	$TS450_v2_3$
TS167	OpenComplex	1.03	54.07	48.52	$TS167_v1_5$	$TS167_v2_3$
TS294	KiharaLab	1.02	59.58	42.13	$TS294_v1_1$	$TS294_v2_2$
TS314	GuijunLab-PAthreader	1.02	58.77	42.77	$TS314\_v2\_5$	$TS314_v1_2$
TS052	Yang-Server	1.00	55.93	44.12	$TS052\_v1\_5$	$TS052\_v2\_2$
TS481	Vfold	1.00	56.57	43.10	$TS481_v2_5$	$TS481_v1_2$
TS091	Huang-HUST	0.99	52.08	47.17	$TS091_v1_5$	$TS091_v2_3$
TS319	MULTICOM_LLM	0.99	55.64	42.89	$TS319\_v1\_2$	$TS319\_v2\_5$
TS262	CoDock	0.98	57.63	40.74	$TS262\_v1\_2$	$TS262\_v2\_5$
TS033	Diff	0.98	53.94	43.99	$TS033\_v2\_2$	$TS033\_v1\_1$
TS331	MULTICOM_AI	0.98	55.64	42.09	$TS331_v1_2$	$TS331\_v2\_2$
TS325	405	0.97	55.21	42.26	$TS325\_v1\_2$	$TS325\_v2\_2$
TS159	406	0.97	55.21	42.26	$TS159_v1_2$	$TS159_v2_2$
TS369	Bhattacharya	0.97	54.07	43.10	$TS369_v1_4$	$TS369_v2_4$
TS489	Fernandez-Recio	0.97	54.96	41.75	$TS489_v1_3$	$TS489_v2_4$
TS298	ShanghaiTech-human	0.96	61.74	34.26	$TS298\_v1\_1$	$TS298\_v2\_1$
TS212	PIEFold_human	0.96	55.21	40.69	$TS212\_v2\_1$	$TS212\_v1\_3$
TS241	elofsson	0.95	54.32	40.82	$TS241_v1_1$	$TS241_v2_5$
TS231	B-LAB	0.94	54.07	40.27	$TS231\_v2\_1$	$TS231\_v1\_2$
TS304	AF3-server	0.94	50.89	43.15	$TS304\_v2\_5$	$TS304\_v1\_2$
TS465	Wallner	0.93	48.14	44.84	$TS465_v1_4$	$TS465\_v2\_2$
TS358	$PerezLab\_Gators$	0.93	54.96	37.82	$TS358\_v2\_2$	$TS358\_v1\_4$
TS079	MRAFold	0.92	49.91	42.01	$TS079\_v1\_2$	$TS079\_v2\_3$
TS293	MRAH	0.92	49.91	42.01	$TS293\_v1\_2$	$TS293\_v2\_3$
TS272	GromihaLab	0.91	50.09	41.24	$TS272\_v1\_3$	$TS272\_v2\_4$

Supplementary Table S28 – continued from previous page

Group	Group_Name	Two-State_Score	V1_GDT_TS	V2_GDT_TS	V1_Model	V2_Model
TS423	ShanghaiTech-server	0.91	51.91	39.17	TS423_v2_4	TS423_v1_1
TS267	kiharalab_server	0.89	50.00	39.30	$TS267_v1_1$	$TS267_v2_4$
TS148	Guijunlab-Complex	0.89	48.94	39.59	$TS148\_v2\_5$	$TS148_v1_4$
TS287	plmfold	0.88	49.32	39.17	$TS287_v1_3$	$TS287_v2_4$
TS198	colabfold	0.88	50.34	37.77	$TS198\_v1\_2$	$TS198_v2_1$
TS375	milliseconds	0.88	47.16	40.57	$TS375\_v2\_3$	$TS375_v1_4$
TS112	Seder2024easy	0.87	48.09	38.79	$TS112\_v1\_4$	$TS112\_v2\_5$
TS014	Cool-PSP	0.87	49.49	37.35	$TS014\_v2\_3$	$TS014_v1_3$
TS301	GHZ-MAN	0.87	46.65	40.19	$TS301_v2_4$	$TS301_v1_1$
TS163	$\operatorname{MultiFOLD2}$	0.87	48.39	38.33	$TS163_v1_3$	$TS163_v2_3$
TS040	DELCLAB	0.86	48.09	38.41	$TS040_v1_3$	$TS040_v2_3$
TS023	FTBiot0119	0.86	47.67	38.79	$TS023\_v1\_2$	$TS023_v2_1$
TS145	$colabfold\_baseline$	0.86	47.67	38.79	$TS145\_v1\_2$	$TS145_v2_1$
TS264	GuijunLab-Human	0.86	47.54	38.66	$TS264\_v2\_2$	$TS264_v1_5$
TS312	GuijunLab-Assembly	0.86	46.27	39.59	$TS312\_v2\_4$	$TS312\_v1\_4$
TS122	$MQA\_server$	0.86	46.65	39.13	$TS122\_v1\_3$	$TS122\_v2\_2$
TS059	DeepFold	0.85	45.93	38.83	$TS059_v1_6$	$TS059_v2_6$
TS139	DeepFold-refine	0.85	45.93	38.83	$TS139_v1_6$	$TS139_v2_6$
TS017	Seder2024hard	0.85	48.05	36.46	$TS017_v1_5$	$TS017_v2_4$
TS397	$\mathrm{smg\_ulaval}$	0.84	45.00	39.13	$TS397_v1_1$	$TS397_v2_1$
TS164	McGuffin	0.84	45.47	38.37	$TS164_v2_2$	$TS164_v1_3$
TS015	PEZYFoldings	0.84	45.00	38.79	$TS015_v1_4$	$TS015_v2_1$
TS196	$HYU\_MLLAB$	0.78	38.94	39.47	$TS196_v1_2$	$TS196_v2_2$
TS388	DeepFold-server	0.76	37.92	37.99	$TS388_v1_3$	$TS388_v2_2$
TS120	Cerebra	0.61	31.48	29.95	$TS120_v1_3$	$TS120_v2_2$
TS475	$\operatorname{ptq}$	0.49	49.20	0.00	$TS475_v2_1$	$N/A^1$
TS351	digiwiser-ensemble	0.49	24.45	24.28	$TS351_v1_1$	$TS351_v2_1$
TS269	$CSSB\_server$	0.48	48.18	0.00	$TS269_v2_4$	$N/A^1$
TS075	GHZ-ISM	0.47	46.65	0.00	$TS075_v2_4$	$N/A^1$
TS284	Unicorn	0.47	46.65	0.00	$TS284\_v2\_4$	$N/A^1$
TS311	$RAGfold\_Prot1$	0.42	42.25	0.00	$TS311_v1_1$	$N/A^1$
TS361	Cerebra_server	0.31	31.40	0.00	$TS361_v1_2$	$N/A^1$
TS105	PFSC-PFVM	0.04	4.20	0.00	TS105_v1_3	$N/A^1$

 $<sup>^{1}</sup>$  Model either not submitted or not assessed

Supplementary Table S29: Results for T1239 Global LDDT Two-State Score

Group	Group_Name	Two-State_Score	V1_gLDDT	V2_gLDDT	V1_Model	V2_Model
TS028	NKRNA-s	1.67	0.82	0.85	TS028_v1_4	TS028_v2_1
TS208	falcon2	1.66	0.81	0.85	$TS208_v1_4$	$TS208_v2_4$
TS051	MULTICOM	1.66	0.81	0.85	$TS051_v1_3$	$TS051_v2_2$
TS345	MULTICOM_human	1.66	0.81	0.85	$TS345_v1_1$	$TS345_v2_2$
TS425	$MULTICOM\_GATE$	1.65	0.81	0.85	$TS425_v1_2$	$TS425_v2_1$
TS456	Yang-Multimer	1.65	0.81	0.84	$TS456\_v1\_3$	$TS456_v2_4$
TS462	Zheng	1.65	0.81	0.84	$TS462_v1_4$	$TS462_v2_2$
TS235	isyslab-hust	1.65	0.81	0.84	$TS235_v2_4$	$TS235_v1_2$
TS110	MIEnsembles-Server	1.65	0.80	0.85	$TS110_v2_5$	$TS110\_v1\_2$
TS019	Zheng-Server	1.64	0.79	0.85	$TS019_v1_1$	$TS019\_v2\_5$
TS489	Fernandez-Recio	1.64	0.79	0.85	$TS489_v1_3$	$TS489_v2_5$
TS331	MULTICOM_AI	1.64	0.80	0.85	$TS331_v1_2$	$TS331_v2_1$
TS319	MULTICOM_LLM	1.64	0.80	0.85	$TS319\_v1\_2$	$TS319_v2_1$
TS022	Yang	1.64	0.80	0.84	$TS022\_v1\_5$	$TS022\_v2\_1$
TS052	Yang-Server	1.64	0.79	0.84	$TS052\_v1\_1$	$TS052\_v2\_4$
TS419	CSSB-Human	1.63	0.80	0.84	$TS419_v1_2$	$TS419_v2_2$
TS221	CSSB_FAKER	1.63	0.80	0.84	$TS221\_v1\_2$	$TS221\_v2\_2$
TS314	GuijunLab-PAthreader	1.63	0.79	0.84	$TS314\_v1\_5$	$TS314_v2_5$
TS294	KiharaLab	1.63	0.79	0.84	$TS294_v2_1$	$TS294_v1_4$
TS325	405	1.63	0.79	0.84	$TS325_v2_2$	$TS325_v1_1$
TS159	406	1.63	0.79	0.84	$TS159_v1_2$	$TS159_v2_1$
TS481	Vfold	1.63	0.79	0.84	$TS481_v1_4$	$TS481_v2_4$
TS272	GromihaLab	1.61	0.78	0.83	$TS272\_v1\_3$	$TS272_v2_4$
TS262	CoDock	1.61	0.78	0.83	$TS262_v1_2$	$TS262\_v2\_5$
TS147	Zheng-Multimer	1.60	0.76	0.85	$TS147_v2_4$	$TS147_v1_1$
TS286	$CSSB_{-}experimental$	1.60	0.77	0.83	$TS286_v1_4$	$TS286_v2_1$
TS241	elofsson	1.60	0.75	0.85	$TS241_v2_3$	$TS241_v1_2$
TS204	Zou	1.58	0.75	0.83	$TS204_v2_1$	$TS204\_v1\_5$
TS298	ShanghaiTech-human	1.57	0.74	0.83	$TS298_v2_1$	$TS298\_v1\_1$
TS167	OpenComplex	1.57	0.74	0.83	$TS167_v1_1$	$TS167_v2_5$
TS450	OpenComplex_Server	1.57	0.74	0.83	$TS450_v1_1$	$TS450_v2_5$
TS304	AF3-server	1.54	0.74	0.81	$TS304\_v1\_1$	$TS304\_v2\_2$
TS033	Diff	1.54	0.73	0.81	$TS033\_v1\_1$	$TS033_v2_4$
TS231	B-LAB	1.54	0.74	0.80	$TS231_v1_2$	$TS231_v2_5$
TS091	Huang-HUST	1.52	0.74	0.78	$TS091_v1_4$	$TS091_v2_4$
TS264	GuijunLab-Human	1.51	0.72	0.79	$TS264_v2_6$	$TS264_v1_5$
TS198	colabfold	1.50	0.72	0.79	TS198_v1_5	TS198_v2_4
TS023	FTBiot0119	1.50	0.71	0.79	TS023_v1_5	$TS023_v2_4$
TS145	colabfold_baseline	1.50	0.71	0.79	TS145_v1_2	TS145_v2_4
TS164	McGuffin	1.50	0.73	0.78	TS164_v1_5	TS164_v2_5
TS017	Seder2024hard	1.50	0.71	0.79	TS017_v1_1	TS017_v2_5

Supplementary Table S29 – continued from previous page

Group	Group_Name	Two-State_Score	V1_gLDDT	V2_gLDDT	V1_Model	V2_Model
TS358	PerezLab_Gators	1.50	0.71	0.78	TS358_v1_5	TS358_v2_1
TS369	Bhattacharya	1.50	0.72	0.77	$TS369_v1_4$	$TS369_v2_1$
TS148	Guijunlab-Complex	1.49	0.71	0.78	$TS148_v2_5$	$TS148_v1_3$
TS312	GuijunLab-Assembly	1.49	0.71	0.78	$TS312\_v2\_5$	$TS312\_v1\_3$
TS287	plmfold	1.49	0.71	0.77	$TS287_v2_4$	$TS287_v1_5$
TS163	MultiFOLD2	1.49	0.71	0.78	$TS163\_v1\_3$	$TS163_v2_5$
TS112	Seder2024easy	1.48	0.70	0.79	$TS112\_v1\_2$	$TS112\_v2\_1$
TS301	GHZ-MAN	1.48	0.71	0.77	$TS301\_v2\_5$	$TS301_{v}1_{4}$
TS375	milliseconds	1.48	0.71	0.77	$TS375_v2_3$	$TS375_v1_2$
TS397	$\mathrm{smg\_ulaval}$	1.47	0.71	0.77	$TS397_v1_1$	$TS397_v2_1$
TS122	$MQA\_server$	1.47	0.71	0.76	$TS122_v1_4$	$TS122\_v2\_2$
TS423	ShanghaiTech-server	1.44	0.68	0.76	$TS423_v2_3$	$TS423_v1_2$
TS465	Wallner	1.43	0.68	0.75	$TS465_v1_3$	$TS465_v2_2$
TS212	PIEFold_human	1.43	0.66	0.77	$TS212\_v1\_3$	$TS212_v2_1$
TS267	kiharalab_server	1.42	0.68	0.74	$TS267_v1_5$	$TS267_v2_4$
TS388	DeepFold-server	1.41	0.65	0.76	$TS388_v1_2$	$TS388_v2_3$
TS014	Cool-PSP	1.41	0.68	0.73	$TS014_v2_6$	$TS014_{-}v1_{-}1$
TS059	DeepFold	1.41	0.67	0.74	$TS059_v1_6$	$TS059_v2_3$
TS293	MRAH	1.39	0.67	0.72	$TS293_v1_3$	$TS293_v2_3$
TS079	MRAFold	1.39	0.67	0.72	$TS079_v1_3$	$TS079_v2_3$
TS139	DeepFold-refine	1.39	0.67	0.72	$TS139_v1_6$	$TS139_v2_6$
TS040	DELCLAB	1.34	0.65	0.70	$TS040_v1_2$	$TS040_v2_3$
TS015	PEZYFoldings	1.34	0.65	0.70	$TS015_v2_6$	$TS015_v1_6$
TS196	$HYU\_MLLAB$	1.27	0.60	0.66	$TS196_v1_1$	$TS196_v2_3$
TS351	digiwiser-ensemble	1.23	0.59	0.64	$TS351_v1_1$	$TS351_v2_1$
TS120	Cerebra	1.12	0.54	0.58	$TS120_v1_4$	$TS120_v2_3$
TS475	$\operatorname{ptq}$	0.77	0.00	0.77	$N/A^1$	$TS475_v2_5$
TS269	$CSSB\_server$	0.76	0.00	0.76	$N/A^1$	$TS269_v2_2$
TS075	GHZ-ISM	0.76	0.00	0.76	$N/A^1$	$TS075_v2_2$
TS284	Unicorn	0.76	0.00	0.76	$N/A^1$	$TS284\_v2\_2$
TS311	$RAGfold\_Prot1$	0.76	0.00	0.76	$N/A^1$	$TS311_{v}1_{1}$
TS361	Cerebra_server	0.58	0.00	0.58	$N/A^1$	$TS361_v1_3$
TS105	PFSC-PFVM	0.07	0.00	0.07	$N/A^1$	TS105_v1_3

 $<sup>^{1}</sup>$  Model either not submitted or not assessed

Supplementary Table S30: Results for T1239 TMscore Two-State Score

Group	Group_Name	Two-State_Score	$V1_{-}TMscore$	V2_TMscore	V1_Model	V2_Model
TS462	Zheng	1.58	0.91	0.67	TS462_v2_2	TS462_v1_1
TS019	Zheng-Server	1.54	0.76	0.77	$TS019\_v1\_1$	$TS019\_v2\_5$
TS425	$MULTICOM\_GATE$	1.52	0.88	0.64	$TS425_v1_2$	$TS425_v2_4$
TS481	Vfold	1.47	0.81	0.65	$TS481_v1_5$	$TS481_v2_4$
TS147	Zheng-Multimer	1.44	0.80	0.64	$TS147_v1_3$	$TS147_v2_5$
TS419	CSSB-Human	1.43	0.91	0.52	$TS419_v2_1$	$TS419_v1_4$
TS221	CSSB_FAKER	1.43	0.91	0.52	$TS221_v2_1$	$TS221_v1_4$
TS028	NKRNA-s	1.43	0.92	0.51	$TS028\_v2\_2$	$TS028\_v1\_4$
TS051	MULTICOM	1.43	0.92	0.51	$TS051\_v1\_4$	$TS051\_v2\_4$
TS345	$MULTICOM\_human$	1.43	0.92	0.51	$TS345_v1_4$	$TS345_v2_4$
TS286	$CSSB_{experimental}$	1.42	0.91	0.52	$TS286_v2_1$	$TS286\_v1\_5$
TS235	isyslab-hust	1.42	0.91	0.51	$TS235\_v2\_4$	$TS235_v1_1$
TS208	falcon2	1.40	0.90	0.50	$TS208_v1_4$	$TS208\_v2\_4$
TS204	Zou	1.39	0.87	0.52	$TS204\_v1\_5$	$TS204\_v2\_2$
TS456	Yang-Multimer	1.38	0.86	0.52	$TS456\_v1\_3$	$TS456\_v2\_2$
TS167	OpenComplex	1.38	0.72	0.65	$TS167_v1_1$	$TS167_v2_4$
TS450	OpenComplex_Server	1.38	0.72	0.65	$TS450_v1_1$	$TS450_v2_4$
TS110	MIEnsembles-Server	1.36	0.85	0.51	$TS110_{v}1_{1}$	$TS110_v2_2$
TS022	Yang	1.34	0.82	0.52	$TS022\_v1\_5$	$TS022_v2_4$
TS298	ShanghaiTech-human	1.34	0.87	0.47	$TS298_v1_1$	$TS298\_v2\_1$
TS052	Yang-Server	1.34	0.81	0.53	$TS052\_v1\_5$	$TS052\_v2\_3$
TS294	KiharaLab	1.34	0.83	0.51	$TS294_v1_1$	$TS294\_v2\_2$
TS262	CoDock	1.34	0.83	0.50	$TS262\_v1\_5$	$TS262\_v2\_2$
TS033	Diff	1.33	0.70	0.62	$TS033\_v2\_2$	$TS033\_v1\_1$
TS091	Huang-HUST	1.32	0.71	0.61	$TS091_v1_5$	$TS091\_v2\_3$
TS314	GuijunLab-PAthreader	1.32	0.82	0.51	$TS314\_v2\_5$	$TS314\_v1\_5$
TS319	$MULTICOM\_LLM$	1.32	0.81	0.51	$TS319_v1_2$	$TS319\_v2\_5$
TS331	MULTICOM_AI	1.32	0.81	0.51	$TS331_v1_2$	$TS331\_v2\_5$
TS159	406	1.31	0.80	0.51	$TS159_v1_2$	$TS159_v2_2$
TS325	405	1.31	0.80	0.51	$TS325\_v1\_2$	$TS325\_v2\_2$
TS212	PIEFold_human	1.30	0.80	0.50	$TS212\_v2\_1$	$TS212_v1_4$
TS465	Wallner	1.30	0.66	0.63	$TS465_v1_4$	$TS465_v2_2$
TS489	Fernandez-Recio	1.28	0.78	0.50	$TS489_v1_3$	$TS489_v2_4$
TS241	elofsson	1.27	0.76	0.51	$TS241_v1_4$	$TS241_v2_5$
TS423	ShanghaiTech-server	1.23	0.72	0.51	$TS423_v1_4$	$TS423\_v2\_5$
TS369	Bhattacharya	1.22	0.71	0.51	$TS369_v1_3$	$TS369_v2_4$
TS231	B-LAB	1.21	0.71	0.50	$TS231_v2_1$	$TS231\_v1\_2$
TS358	$PerezLab\_Gators$	1.21	0.72	0.49	$TS358\_v2\_2$	$TS358_v1_4$
TS272	GromihaLab	1.21	0.70	0.50	$TS272_v1_1$	$TS272\_v2\_3$
TS040	DELCLAB	1.21	0.70	0.51	$TS040\_v1\_3$	$TS040\_v2\_3$
TS112	Seder2024easy	1.20	0.69	0.51	$TS112_v1_4$	$TS112\_v2\_4$

Supplementary Table S30 – continued from previous page

Group	Group_Name	Two-State_Score	V1_TMscore	V2_TMscore	V1_Model	V2_Model
TS017	Seder2024hard	1.20	0.69	0.51	TS017_v1_1	TS017_v2_4
TS023	FTBiot0119	1.20	0.69	0.51	$TS023_v1_2$	$TS023_v2_3$
TS079	MRAFold	1.20	0.67	0.53	$TS079_v1_2$	$TS079_v2_3$
TS145	$colabfold\_baseline$	1.20	0.69	0.51	$TS145_v1_2$	$TS145_v2_3$
TS293	MRAH	1.20	0.67	0.53	$TS293_v1_2$	$TS293_v2_3$
TS304	AF3-server	1.20	0.67	0.52	$TS304\_v2\_4$	$TS304\_v1\_2$
TS198	colabfold	1.19	0.70	0.49	$TS198\_v1\_2$	$TS198\_v2\_1$
TS148	Guijunlab-Complex	1.19	0.69	0.50	$TS148\_v2\_5$	$TS148\_v1\_3$
TS059	DeepFold	1.19	0.67	0.52	$TS059_v1_6$	$TS059_v2_3$
TS014	Cool-PSP	1.19	0.69	0.50	$TS014_v2_3$	$TS014_v1_5$
TS163	$\operatorname{MultiFOLD2}$	1.19	0.69	0.50	$TS163_v1_2$	$TS163_v2_3$
TS139	DeepFold-refine	1.18	0.67	0.52	$TS139_v1_6$	$TS139_v2_2$
TS375	milliseconds	1.18	0.68	0.50	$TS375\_v1\_3$	$TS375\_v2\_3$
TS301	GHZ-MAN	1.16	0.65	0.51	$TS301_v2_4$	$TS301_v1_1$
TS312	GuijunLab-Assembly	1.16	0.66	0.50	$TS312\_v2\_4$	$TS312\_v1\_3$
TS264	GuijunLab-Human	1.16	0.65	0.50	$TS264_v2_2$	$TS264_v1_5$
TS267	kiharalab_server	1.16	0.66	0.50	$TS267_v1_1$	$TS267_v2_4$
TS122	$MQA_server$	1.15	0.65	0.50	$TS122\_v1\_3$	$TS122_v2_3$
TS287	plmfold	1.15	0.64	0.51	$TS287_v1_3$	$TS287_v2_4$
TS015	PEZYFoldings	1.14	0.62	0.52	$TS015_v2_3$	$TS015_v1_4$
TS164	McGuffin	1.14	0.64	0.50	$TS164_v2_2$	$TS164_v1_2$
TS397	${ m smg\_ulaval}$	1.12	0.61	0.50	$TS397_v2_1$	$TS397_v1_1$
TS196	$HYU\_MLLAB$	1.08	0.52	0.56	$TS196_v1_2$	$TS196_v2_3$
TS388	DeepFold-server	1.05	0.52	0.53	$TS388\_v1\_3$	$TS388_v2_2$
TS120	Cerebra	1.02	0.52	0.50	$TS120_{v}1_{4}$	$TS120_v2_4$
TS351	digiwiser-ensemble	0.71	0.35	0.36	$TS351_v1_2$	$TS351_v2_5$
TS269	$CSSB\_server$	0.69	0.69	0.00	$TS269_v2_4$	$N/A^1$
TS475	$\operatorname{ptq}$	0.67	0.67	0.00	$TS475_v2_1$	$N/A^1$
TS284	Unicorn	0.65	0.65	0.00	$TS284_v2_4$	$N/A^1$
TS075	GHZ-ISM	0.65	0.65	0.00	$TS075_v2_4$	$N/A^1$
TS311	$RAGfold\_Prot1$	0.53	0.00	0.53	$N/A^1$	$TS311_v1_1$
TS361	Cerebra_server	0.52	0.52	0.00	$TS361_v1_3$	$N/A^1$
TS105	PFSC-PFVM	0.14	0.14	0.00	$TS105_v1_3$	$N/A^1$

 $<sup>^{1}</sup>$  Model either not submitted or not assessed

Supplementary Table S31: Results for T1249 AvgDockQ Two-State Score

Croup	Group_Name	Two-State_Score	V1_AvgDockQ	V2_AvgDockQ	V1_Model	V2_Model
Group						
TS393	GuijunLab-QA	0.97	0.47	0.50	TS393_v1_3o	TS393_v2_6o
TS304	AF3-server	0.94	0.43	0.51	TS304_v1_2o	TS304_v2_1o
TS314	GuijunLab-PAthreader	0.88	0.37	0.52	$TS314_v1_2o$	TS314_v2_1o
TS345	MULTICOM_human	0.87	0.69	0.19	$TS345_v2_4o$	$TS345_v1_5o$
TS397	$\mathrm{smg}$ _ulaval	0.87	0.65	0.21	$TS397_v2_1o$	TS397_v1_1o
TS015	PEZYFoldings	0.86	0.71	0.14	$TS015_v1_2o$	$TS015_v2_1o$
TS456	Yang-Multimer	0.81	0.65	0.15	$TS456\_v1\_2o$	$TS456_v2_2o$
TS051	MULTICOM	0.79	0.61	0.18	TS051_v1_6o	$TS051_v2_5o$
TS293	MRAH	0.78	0.62	0.16	$TS293_v1_2o$	$TS293\_v2\_5o$
TS079	MRAFold	0.78	0.62	0.16	$TS079_v1_2o$	$TS079_v2_5o$
TS014	Cool-PSP	0.77	0.65	0.12	$TS014_v1_1o$	$TS014_v2_1o$
TS322	XGroup	0.76	0.49	0.26	$TS322_v1_4o$	$TS322\_v2\_1o$
TS219	XGroup-Server	0.76	0.49	0.26	$TS219_v1_4o$	$TS219_v2_1o$
TS465	Wallner	0.73	0.58	0.15	$TS465_v1_1o$	$TS465_v2_3o$
TS241	elofsson	0.73	0.55	0.18	$TS241_v2_5o$	$TS241_v1_1o$
TS052	Yang-Server	0.72	0.46	0.26	$TS052\_v1\_3o$	$TS052\_v2\_1o$
TS091	Huang-HUST	0.71	0.49	0.23	$TS091\_v2\_5o$	$TS091\_v1\_1o$
TS462	Zheng	0.71	0.45	0.26	$TS462\_v2\_1o$	$TS462_v1_6o$
TS290	Pierce	0.71	0.46	0.25	$TS290_v1_5o$	$TS290_v2_4o$
TS167	OpenComplex	0.70	0.48	0.22	$TS167_v2_2o$	$TS167_v1_5o$
TS450	OpenComplex_Server	0.70	0.48	0.22	$TS450_v2_2o$	$TS450_v1_5o$
TS008	HADDOCK	0.70	0.46	0.24	TS008_v1_1o	$TS008\_v2\_5o$
TS059	DeepFold	0.68	0.47	0.21	$TS059\_v2\_3o$	$TS059\_v1\_5o$
TS369	Bhattacharya	0.66	0.44	0.22	$TS369\_v1\_3o$	$TS369\_v2\_2o$
TS022	Yang	0.64	0.46	0.18	$TS022\_v1\_5o$	$TS022\_v2\_1o$
TS425	$MULTICOM\_GATE$	0.64	0.46	0.18	$TS425\_v2\_3o$	$TS425\_v1\_4o$
TS331	$MULTICOM\_AI$	0.64	0.46	0.18	$TS331_{-}v2_{-}3o$	TS331_v1_4o
TS319	$MULTICOM\_LLM$	0.64	0.46	0.18	$TS319\_v2\_3o$	$TS319_v1_4o$
TS301	GHZ-MAN	0.64	0.50	0.14	TS301_v1_4o	$TS301_v2_1o$
TS267	kiharalab_server	0.64	0.48	0.15	$TS267_v1_2o$	$TS267\_v2\_5o$
TS375	milliseconds	0.64	0.45	0.18	$TS375\_v2\_1o$	$TS375_v1_4o$
TS423	ShanghaiTech-server	0.63	0.49	0.14	$TS423\_v1\_2o$	$TS423_v2_2o$
TS294	KiharaLab	0.62	0.46	0.17	$TS294_v2_4o$	$TS294\_v1\_5o$
TS204	Zou	0.62	0.51	0.11	$TS204\_v2\_5o$	$TS204\_v1\_1o$
TS145	colabfold_baseline	0.62	0.38	0.24	$TS145_v1_2o$	$TS145_v2_5o$
TS380	$mialab\_prediction$	0.62	0.38	0.24	$TS380\_v1\_4o$	$TS380\_v2\_5o$
TS311	RAGfold_Prot1	0.62	0.47	0.14	$TS311\_v1\_2o$	$TS311\_v2\_1o$
TS148	Guijunlab-Complex	0.62	0.58	0.03	$TS148_v2_2o$	TS148_v1_3o
TS264	GuijunLab-Human	0.61	0.58	0.03	$TS264_v2_2o$	$TS264_v1_4o$
TS312	GuijunLab-Assembly	0.61	0.58	0.03	$TS312\_v2\_2o$	TS312_v1_4o
TS287	plmfold	0.60	0.47	0.12	TS287_v2_2o	TS287_v1_5o

Supplementary Table S31 - continued from previous page

Group	Group_Name	Two-State_Score	V1_AvgDockQ	V2_AvgDockQ	V1_Model	V2_Model
TS198	colabfold	0.60	0.39	0.21	TS198_v2_2o	TS198_v1_3o
TS122	$MQA$ _server	0.59	0.57	0.02	$TS122\_v2\_2o$	TS122_v1_3o
TS075	GHZ-ISM	0.59	0.57	0.02	$TS075_v2_1o$	$TS075_v1_2o$
TS475	ptq	0.59	0.57	0.02	$TS475_v2_1o$	$TS475_v1_2o$
TS284	Unicorn	0.59	0.57	0.02	TS284_v2_1o	$TS284_v1_2o$
TS031	MassiveFold	0.56	0.42	0.14	$TS031_v2_4o$	$TS031\_v1\_5o$
TS163	MultiFOLD2	0.55	0.36	0.19	$TS163_v1_3o$	$TS163_v2_5o$
TS494	ClusPro	0.55	0.35	0.20	$TS494_v1_4o$	$TS494_v2_4o$
TS261	UNRES	0.55	0.29	0.26	$TS261_v1_1o$	$TS261_v2_1o$
TS187	Ayush	0.53	0.36	0.17	$TS187_v2_1o$	TS187_v1_1o
TS274	kozakovvajda	0.52	0.36	0.15	$TS274_v2_1o$	$TS274_v1_5o$
TS272	GromihaLab	0.52	0.06	0.46	$TS272\_v2\_1o$	$TS272\_v1\_2o$
TS164	McGuffin	0.52	0.39	0.12	$TS164_v2_5o$	$TS164_v1_4o$
TS028	NKRNA-s	0.49	0.46	0.03	$TS028_v2_1o$	TS028_v1_4o
TS208	falcon2	0.48	0.37	0.10	$TS208_v2_4o$	$TS208_v1_5o$
TS110	MIEnsembles-Server	0.48	0.45	0.03	TS110_v2_1o	TS110_v1_4o
TS147	Zheng-Multimer	0.48	0.45	0.03	$TS147_v2_1o$	$TS147_v1_3o$
TS117	Vakser	0.41	0.02	0.39	$TS117_v1_2o$	$TS117_v2_3o$
TS040	DELCLAB	0.39	0.39	0.00	$TS040_v2_3o$	$N/A^1$
TS419	CSSB-Human	0.39	0.26	0.12	TS419_v1_3o	$TS419_v2_1o$
TS221	CSSB_FAKER	0.39	0.26	0.12	$TS221_v1_3o$	$TS221_v2_1o$
TS286	$CSSB_{-}experimental$	0.39	0.26	0.12	$TS286_v1_3o$	$TS286_v2_1o$
TS323	Yan	0.33	0.31	0.02	$TS323_v2_1o$	TS323_v1_1o
TS262	CoDock	0.33	0.24	0.09	$TS262_v2_5o$	$TS262_v1_1o$
TS489	Fernandez-Recio	0.20	0.15	0.05	$TS489_v1_1o$	$TS489_v2_5o$
TS196	$HYU\_MLLAB$	0.07	0.01	0.05	$TS196_v1_3o$	$TS196_v2_5o$
TS114	COAST	0.04	0.02	0.01	TS114_v1_5o	$TS114_v2_1o$
TS337	APOLLO	0.03	0.02	0.02	$TS337_v1_1o$	$TS337_v2_4o$
TS139	DeepFold-refine	0.03	0.01	0.02	$TS139_v1_4o$	$TS139_v2_3o$
TS300	ARC	0.03	0.01	0.01	$TS300_v1_2o$	$TS300_v2_2o$
TS085	Bates	0.03	0.01	0.01	$TS085_v1_5o$	$TS085_v2_4o$
TS023	FTBiot0119	0.02	0.01	0.01	TS023_v1_3o	$TS023_v2_1o$

 $<sup>^{1}</sup>$  Model either not submitted or not assessed  $\,$ 

Supplementary Table S32: Results for T1249 GDT TS Two-State Score

Group	Group_Name	Two-State_Score	V1_GDT_TS	V2_GDT_TS	V1_Model	V2_Model
TS393	GuijunLab-QA	1.51	79.50	71.70	TS393_v1_2	TS393_v2_6
TS314	GuijunLab-PAthreader	1.46	68.80	77.60	$TS314_v1_2$	$TS314_v2_1$
TS304	AF3-server	1.46	70.80	75.00	$TS304_v1_2$	$TS304\_v2\_1$
TS059	DeepFold	1.44	84.80	59.00	$TS059_v1_3$	$TS059_v2_5$
TS345	MULTICOM_human	1.42	88.00	53.60	$TS345_v1_4$	$TS345_v2_2$
TS204	Zou	1.41	84.00	57.00	$TS204\_v1\_4$	$TS204\_v2\_2$
TS075	GHZ-ISM	1.41	74.00	66.90	$TS075_v1_2$	$TS075_v2_4$
TS284	Unicorn	1.41	74.00	66.90	$TS284\_v1\_2$	$TS284\_v2\_4$
TS122	$MQA$ _server	1.41	74.00	66.90	$TS122\_v1\_3$	$TS122\_v2\_1$
TS475	ptq	1.41	74.00	66.90	$TS475_v1_2$	$TS475_v2_4$
TS052	Yang-Server	1.41	82.50	58.30	$TS052\_v1\_3$	$TS052\_v2\_1$
TS293	MRAH	1.40	86.40	53.20	$TS293_v1_1$	$TS293_v2_4$
TS091	Huang-HUST	1.40	78.80	60.80	$TS091_v1_1$	$TS091_v2_1$
TS079	MRAFold	1.40	86.40	53.20	$TS079_v1_1$	$TS079_v2_4$
TS290	Pierce	1.40	82.70	56.90	$TS290_v1_3$	$TS290_v2_4$
TS264	GuijunLab-Human	1.40	86.40	53.10	$TS264_v1_2$	$TS264\_v2\_5$
TS312	GuijunLab-Assembly	1.40	86.40	53.10	$TS312\_v1\_2$	$TS312\_v2\_5$
TS148	Guijunlab-Complex	1.40	86.40	53.10	$TS148\_v1\_2$	$TS148\_v2\_5$
TS015	PEZYFoldings	1.39	86.60	52.20	$TS015_v1_2$	$TS015_v2_5$
TS456	Yang-Multimer	1.38	87.30	51.00	$TS456_v1_1$	$TS456_v2_2$
TS397	$\mathrm{smg}$ _ulaval	1.38	82.40	55.70	$TS397_v1_1$	$TS397\_v2\_1$
TS014	Cool-PSP	1.38	85.60	52.30	$TS014_v1_1$	$TS014\_v2\_6$
TS241	elofsson	1.38	79.10	58.40	$TS241_v1_3$	$TS241_v2_4$
TS375	milliseconds	1.37	79.90	56.90	$TS375_v1_3$	$TS375_v2_2$
TS423	ShanghaiTech-server	1.37	84.60	52.20	$TS423_v1_2$	$TS423_v2_4$
TS008	HADDOCK	1.37	78.00	58.70	$TS008_v1_4$	$TS008\_v2\_5$
TS294	KiharaLab	1.37	84.10	52.50	$TS294_v1_4$	$TS294\_v2\_1$
TS267	kiharalab_server	1.37	83.20	53.40	$TS267_v1_3$	$TS267_v2_2$
TS462	Zheng	1.36	78.30	58.10	$TS462_v1_3$	$TS462_v2_6$
TS167	OpenComplex	1.36	77.60	58.60	$TS167_v1_2$	$TS167_v2_5$
TS450	$OpenComplex\_Server$	1.36	77.60	58.60	$TS450_v1_2$	$TS450_v2_5$
TS380	${\it mialab\_prediction}$	1.36	71.50	64.40	$TS380_v1_4$	$TS380_v2_5$
TS145	$colabfold\_baseline$	1.36	71.50	64.40	$TS145_v1_2$	$TS145\_v2\_5$
TS198	colabfold	1.36	75.20	60.60	$TS198\_v1\_2$	$TS198\_v2\_3$
TS301	GHZ-MAN	1.35	83.90	51.50	$TS301\_v1\_2$	$TS301\_v2\_1$
TS287	plmfold	1.35	70.50	64.90	$TS287_v1_1$	$TS287\_v2\_5$
TS031	MassiveFold	1.35	82.60	52.70	$TS031_v1_3$	$TS031_v2_4$
TS022	Yang	1.35	82.50	52.20	$TS022\_v1\_3$	$TS022\_v2\_5$
TS051	MULTICOM	1.34	80.50	53.60	$TS051\_v1\_6$	$TS051\_v2\_2$
TS028	NKRNA-s	1.32	78.80	53.30	$TS028\_v1\_1$	$TS028\_v2\_3$
TS110	MIEnsembles-Server	1.32	78.30	53.70	$TS110_v1_4$	$TS110_v2_1$

Supplementary Table S32 - continued from previous page

Group	Group_Name	Two-State_Score	V1_GDT_TS	V2_GDT_TS	V1_Model	V2_Model
TS147	Zheng-Multimer	1.32	78.30	53.70	TS147_v1_3	TS147_v2_1
TS311	RAGfold_Prot1	1.31	77.20	53.90	$TS311_v1_2$	$TS311_v2_1$
TS163	MultiFOLD2	1.30	71.20	59.30	$TS163_v1_3$	$TS163_v2_5$
TS319	MULTICOM_LLM	1.30	77.90	52.30	$TS319_v1_3$	$TS319\_v2\_5$
TS425	$MULTICOM\_GATE$	1.30	77.90	52.30	$TS425_v1_3$	$TS425_v2_5$
TS331	MULTICOM_AI	1.30	77.90	52.30	$TS331_v1_3$	$TS331_v2_5$
TS219	XGroup-Server	1.30	71.90	58.20	$TS219\_v1\_3$	$TS219\_v2\_2$
TS322	XGroup	1.30	71.90	58.20	$TS322\_v1\_3$	$TS322\_v2\_2$
TS369	Bhattacharya	1.29	74.90	54.40	$TS369_v1_3$	$TS369_v2_2$
TS272	GromihaLab	1.29	60.80	68.40	$TS272\_v1\_3$	$TS272\_v2\_2$
TS187	Ayush	1.26	70.80	55.20	$TS187_v1_1$	$TS187_v2_1$
TS494	ClusPro	1.26	67.90	58.00	$TS494_v1_3$	$TS494_v2_4$
TS040	DELCLAB	1.24	72.20	51.50	$TS040_v1_3$	$TS040\_v2\_3$
TS117	Vakser	1.22	60.60	61.30	$TS117_v1_2$	$TS117_v2_4$
TS261	UNRES	1.22	58.40	63.40	$TS261\_v1\_2$	$TS261_v2_5$
TS164	McGuffin	1.21	68.30	53.10	$TS164_v1_5$	$TS164_v2_2$
TS465	Wallner	1.20	75.30	44.20	$TS465_v1_1$	$TS465_v2_1$
TS274	kozakovvajda	1.18	67.50	50.80	$TS274_v1_1$	$TS274_v2_4$
TS208	falcon2	1.17	66.70	50.60	$TS208_v1_4$	$TS208_v2_1$
TS323	Yan	1.10	59.60	50.80	$TS323_v1_1$	$TS323_v2_1$
TS221	CSSB_FAKER	0.97	53.90	43.10	$TS221_v1_1$	$TS221_v2_1$
TS286	$CSSB_{experimental}$	0.97	53.90	43.10	$TS286\_v1\_1$	$TS286_v2_1$
TS419	CSSB-Human	0.97	53.90	43.10	$TS419_v1_1$	$TS419_v2_1$
TS489	Fernandez-Recio	0.77	39.10	38.00	$TS489_v1_1$	$TS489_v2_3$
TS262	CoDock	0.75	42.40	32.60	$TS262\_v1\_1$	$TS262\_v2\_2$
TS196	$HYU\_MLLAB$	0.41	20.10	21.20	$TS196_v1_1$	$TS196_v2_1$
TS085	Bates	0.36	17.50	18.10	$TS085_v1_5$	$TS085_v2_2$
TS139	DeepFold-refine	0.31	15.30	15.30	$TS139_v1_3$	$TS139_v2_3$
TS114	COAST	0.08	4.10	4.20	$TS114_v1_3$	$TS114\_v2\_3$
TS337	APOLLO	0.08	4.10	4.20	$TS337_v1_1$	$TS337\_v2\_1$
TS023	FTBiot0119	0.08	3.60	4.50	$TS023\_v1\_3$	$TS023\_v2\_2$
TS300	ARC	0.07	3.60	3.90	$TS300\_v1\_2$	$TS300\_v2\_4$

Supplementary Table S33: Results for T1249 Global LDDT Two-State Score

Group	Group_Name	$Two\text{-}State\_Score$	V1_gLDDT	V2_gLDDT	V1_Model	V2_Model
TS304	AF3-server	1.60	0.79	0.81	TS304_v1_2o	TS304_v2_1o
TS393	GuijunLab-QA	1.57	0.78	0.79	$TS393\_v1\_6o$	$TS393\_v2\_6o$
TS462	Zheng	1.57	0.79	0.78	$TS462_v1_6o$	$TS462_v2_6o$
TS314	GuijunLab-PAthreader	1.56	0.76	0.81	$TS314_v1_2o$	$TS314_v2_1o$
TS241	elofsson	1.55	0.79	0.76	$TS241_v2_5o$	$TS241_v1_3o$
TS015	PEZYFoldings	1.55	0.81	0.74	$TS015_v1_2o$	$TS015_v2_1o$
TS345	MULTICOM_human	1.55	0.79	0.76	$TS345\_v1\_5o$	$TS345_v2_5o$
TS272	GromihaLab	1.55	0.74	0.80	$TS272_v2_1o$	$TS272\_v1\_2o$
TS375	milliseconds	1.55	0.79	0.76	$TS375\_v1\_3o$	$TS375_v2_2o$
TS284	Unicorn	1.54	0.80	0.75	$TS284\_v2\_1o$	$TS284\_v1\_4o$
TS475	$\operatorname{ptq}$	1.54	0.80	0.75	$TS475_v2_1o$	$TS475_v1_4o$
TS075	GHZ-ISM	1.54	0.80	0.75	$TS075_v2_1o$	$TS075_v1_4o$
TS110	MIEnsembles-Server	1.54	0.79	0.76	$TS110_v2_5o$	TS110_v1_3o
TS122	$MQA$ _server	1.54	0.80	0.75	$TS122\_v2\_2o$	$TS122\_v1\_5o$
TS052	Yang-Server	1.54	0.78	0.76	$TS052\_v1\_1o$	$TS052\_v2\_1o$
TS051	MULTICOM	1.54	0.79	0.76	TS051_v1_3o	TS051_v2_5o
TS290	Pierce	1.54	0.78	0.76	TS290_v1_5o	TS290_v2_1o
TS319	$MULTICOM\_LLM$	1.54	0.78	0.76	TS319_v1_4o	TS319_v2_2o
TS425	$MULTICOM\_GATE$	1.54	0.78	0.76	$TS425_v1_4o$	$TS425_v2_2o$
TS331	$MULTICOM\_AI$	1.54	0.78	0.76	TS331_v1_4o	$TS331_v2_2o$
TS028	NKRNA-s	1.54	0.79	0.76	$TS028\_v2\_4o$	$TS028\_v1\_2o$
TS287	plmfold	1.54	0.79	0.75	$TS287_v2_1o$	$TS287_v1_4o$
TS147	Zheng-Multimer	1.54	0.79	0.76	$TS147_v2_3o$	TS147_v1_1o
TS397	$\mathrm{smg\_ulaval}$	1.54	0.79	0.75	$TS397_v2_1o$	TS397_v1_1o
TS167	OpenComplex	1.54	0.78	0.76	$TS167_v2_2o$	$TS167_v1_5o$
TS450	OpenComplex_Server	1.54	0.78	0.76	$TS450_v2_2o$	$TS450_v1_5o$
TS293	MRAH	1.54	0.80	0.74	$TS293_v1_2o$	$TS293_v2_5o$
TS079	MRAFold	1.54	0.80	0.74	$TS079_v1_2o$	$TS079_v2_5o$
TS369	Bhattacharya	1.54	0.78	0.76	$TS369\_v1\_3o$	$TS369_v2_2o$
TS456	Yang-Multimer	1.53	0.79	0.74	$TS456\_v1\_2o$	$TS456\_v2\_5o$
TS312	GuijunLab-Assembly	1.53	0.77	0.76	$TS312\_v2\_1o$	$TS312\_v1\_5o$
TS264	GuijunLab-Human	1.53	0.77	0.76	$TS264\_v2\_1o$	$TS264\_v1\_5o$
TS294	KiharaLab	1.53	0.79	0.75	$TS294\_v2\_3o$	$TS294\_v1\_1o$
TS022	Yang	1.53	0.78	0.75	$TS022\_v1\_5o$	$TS022\_v2\_1o$
TS091	Huang-HUST	1.53	0.77	0.76	$TS091_v2_4o$	$TS091_v1_1o$
TS148	Guijunlab-Complex	1.52	0.77	0.75	$TS148_v2_1o$	TS148_v1_1o
TS204	Zou	1.52	0.78	0.74	$TS204\_v2\_3o$	$TS204\_v1\_3o$
TS008	HADDOCK	1.52	0.77	0.75	$TS008\_v1\_4o$	$TS008\_v2\_5o$
TS059	DeepFold	1.52	0.77	0.74	$TS059\_v1\_1o$	$TS059\_v2\_6o$
TS267	kiharalab_server	1.51	0.78	0.73	$TS267\_v2\_3o$	$TS267\_v1\_3o$
TS145	$colab fold\_base line$	1.51	0.76	0.76	$TS145\_v1\_1o$	$TS145\_v2\_5o$

Supplementary Table S33 – continued from previous page

Group	Group_Name	Two-State_Score	V1_gLDDT	V2_gLDDT	V1_Model	V2_Model
TS164	McGuffin	1.51	0.77	0.74	TS164_v2_5o	TS164_v1_2o
TS380	$mialab\_prediction$	1.51	0.76	0.76	$TS380_v1_3o$	$TS380_v2_5o$
TS311	$RAGfold\_Prot1$	1.51	0.76	0.75	TS311_v1_3o	$TS311_v2_1o$
TS198	colabfold	1.51	0.76	0.75	$TS198\_v2\_2o$	$TS198\_v1\_3o$
TS301	GHZ-MAN	1.51	0.77	0.74	$TS301\_v2\_1o$	$TS301_v1_3o$
TS014	Cool-PSP	1.51	0.80	0.71	$TS014\_v1\_1o$	$TS014\_v2\_1o$
TS208	falcon2	1.51	0.76	0.74	$TS208\_v2\_4o$	$TS208\_v1\_5o$
TS163	MultiFOLD2	1.50	0.76	0.74	$TS163_v1_3o$	$TS163_v2_3o$
TS494	ClusPro	1.49	0.75	0.74	$TS494_v1_2o$	$TS494_v2_5o$
TS187	Ayush	1.49	0.75	0.74	TS187_v1_1o	$TS187_v2_1o$
TS322	XGroup	1.48	0.74	0.74	$TS322\_v1\_4o$	$TS322\_v2\_1o$
TS219	XGroup-Server	1.48	0.74	0.74	TS219_v1_4o	$TS219_v2_1o$
TS274	kozakovvajda	1.48	0.75	0.73	$TS274\_v2\_1o$	$TS274\_v1\_5o$
TS423	ShanghaiTech-server	1.47	0.75	0.72	$TS423_v2_2o$	$TS423_v1_4o$
TS031	MassiveFold	1.47	0.75	0.71	$TS031\_v2\_5o$	$TS031\_v1\_5o$
TS261	UNRES	1.44	0.72	0.72	$TS261\_v1\_3o$	$TS261_v2_1o$
TS465	Wallner	1.43	0.74	0.69	$TS465_v1_1o$	$TS465_v2_3o$
TS262	CoDock	1.32	0.61	0.72	$TS262_v2_2o$	$TS262\_v1\_5o$
TS323	Yan	1.24	0.76	0.49	$TS323\_v2\_1o$	$TS323_v1_1o$
TS419	CSSB-Human	1.22	0.65	0.57	TS419_v1_1o	$TS419_v2_1o$
TS221	CSSB_FAKER	1.22	0.65	0.57	$TS221\_v1\_1o$	$TS221_v2_1o$
TS286	$CSSB_{-}experimental$	1.22	0.65	0.57	$TS286\_v1\_1o$	$TS286_v2_1o$
TS489	Fernandez-Recio	1.08	0.55	0.53	TS489_v1_3o	$TS489_v2_3o$
TS117	Vakser	1.07	0.65	0.42	$TS117_v2_2o$	$TS117_v1_2o$
TS196	$HYU\_MLLAB$	1.07	0.51	0.56	$TS196\_v2\_3o$	$TS196_v1_1o$
TS085	Bates	0.98	0.43	0.55	$TS085\_v1\_5o$	$TS085_v2_5o$
TS040	DELCLAB	0.72	0.72	0.00	$TS040_v2_3o$	$N/A^1$
TS139	DeepFold-refine	0.65	0.25	0.40	$TS139_v2_4o$	$TS139\_v1\_5o$
TS114	COAST	0.36	0.18	0.18	TS114_v1_4o	$TS114_v2_4o$
TS337	APOLLO	0.35	0.17	0.18	$TS337_v1_1o$	$TS337\_v2\_1o$
TS300	ARC	0.34	0.17	0.17	$TS300_v1_1o$	$TS300\_v2\_1o$
TS023	FTBiot0119	0.32	0.16	0.16	$TS023\_v1\_3o$	$TS023\_v2\_3o$

 $<sup>^{1}</sup>$  Model either not submitted or not assessed

Supplementary Table S34: Results for T1249 TMscore Two-State Score

Group	Group_Name	Two-State_Score	V1_TMscore	V2_TMscore	V1_Model	V2_Model
TS015	PEZYFoldings	1.92	0.96	0.96	TS015_v1_2	TS015_v2_1
TS079	MRAFold	1.92	0.96	0.96	$TS079_v1_2$	$TS079_v2_4$
TS293	MRAH	1.92	0.96	0.96	$TS293_v1_2$	$TS293_v2_4$
TS456	Yang-Multimer	1.92	0.96	0.96	$TS456_v1_2$	$TS456_v2_2$
TS450	OpenComplex_Server	1.91	0.96	0.95	$TS450_v1_5$	$TS450_v2_4$
TS167	OpenComplex	1.91	0.96	0.95	$TS167_v1_5$	$TS167_v2_4$
TS304	AF3-server	1.91	0.95	0.97	$TS304\_v1\_3$	$TS304\_v2\_1$
TS091	Huang-HUST	1.91	0.95	0.96	$TS091_v1_1$	$TS091_v2_5$
TS322	XGroup	1.91	0.95	0.96	$TS322\_v1\_4$	$TS322\_v2\_1$
TS219	XGroup-Server	1.91	0.95	0.96	$TS219_v1_4$	$TS219\_v2\_1$
TS397	smg_ulaval	1.91	0.96	0.95	$TS397_v1_1$	$TS397_v2_1$
TS311	RAGfold_Prot1	1.91	0.95	0.96	$TS311_v1_2$	$TS311_v2_2$
TS014	Cool-PSP	1.91	0.96	0.95	$TS014_v1_1$	$TS014\_v2\_1$
TS462	Zheng	1.91	0.95	0.96	$TS462_v1_1$	$TS462_v2_6$
TS494	ClusPro	1.91	0.95	0.96	$TS494_v1_4$	$TS494_v2_4$
TS272	GromihaLab	1.91	0.95	0.96	$TS272\_v1\_2$	$TS272\_v2\_2$
TS112	Seder2024easy	1.91	0.95	0.96	$TS112\_v1\_2$	$TS112\_v2\_5$
TS287	plmfold	1.91	0.94	0.97	$TS287_v1_3$	$TS287_v2_2$
TS017	Seder2024hard	1.91	0.95	0.96	$TS017_v1_2$	$TS017_v2_5$
TS145	$colabfold\_baseline$	1.91	0.95	0.96	$TS145_v1_5$	$TS145_v2_5$
TS380	$mialab\_prediction$	1.91	0.95	0.96	$TS380_v1_5$	$TS380\_v2\_5$
TS423	ShanghaiTech-server	1.90	0.95	0.95	$TS423_v1_2$	$TS423_v2_4$
TS264	GuijunLab-Human	1.90	0.95	0.95	$TS264\_v1\_3$	$TS264_v2_1$
TS312	GuijunLab-Assembly	1.90	0.95	0.95	$TS312\_v1\_3$	$TS312\_v2\_1$
TS163	MultiFOLD2	1.90	0.95	0.95	$TS163_v1_4$	$TS163_v2_2$
TS345	$MULTICOM_human$	1.90	0.95	0.96	$TS345_v1_2$	$TS345_v2_4$
TS019	Zheng-Server	1.90	0.95	0.95	$TS019_v1_1$	$TS019_v2_4$
TS198	colabfold	1.90	0.94	0.95	$TS198_v1_4$	$TS198\_v2\_2$
TS284	Unicorn	1.90	0.94	0.96	$TS284\_v1\_1$	$TS284\_v2\_1$
TS475	$\operatorname{ptq}$	1.90	0.94	0.96	$TS475_v1_1$	$TS475_v2_1$
TS122	$MQA$ _server	1.90	0.94	0.96	$TS122\_v1\_4$	$TS122\_v2\_2$
TS075	GHZ-ISM	1.90	0.94	0.96	$TS075_v1_1$	$TS075\_v2\_1$
TS294	KiharaLab	1.90	0.95	0.95	$TS294\_v1\_4$	$TS294\_v2\_5$
TS241	elofsson	1.90	0.94	0.95	$TS241_v1_1$	$TS241_v2_4$
TS261	UNRES	1.90	0.94	0.95	$TS261_v1_5$	$TS261_v2_3$
TS008	HADDOCK	1.90	0.95	0.95	$TS008\_v1\_4$	$TS008\_v2\_5$
TS290	Pierce	1.90	0.94	0.96	$TS290\_v1\_2$	$TS290\_v2\_2$
TS267	kiharalab_server	1.90	0.95	0.95	$TS267\_v1\_3$	$TS267\_v2\_3$
TS031	MassiveFold	1.90	0.94	0.95	$TS031\_v1\_5$	$TS031\_v2\_3$
TS393	GuijunLab-QA	1.90	0.95	0.95	$TS393\_v1\_2$	$TS393\_v2\_6$
TS314	GuijunLab-PAthreader	1.90	0.94	0.95	$TS314\_v1\_1$	$TS314\_v2\_4$
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Supplementary Table S34 – continued from previous page

Group	Group_Name	Two-State_Score	V1_TMscore	V2_TMscore	V1_Model	V2_Model
TS187	Ayush	1.90	0.94	0.95	TS187_v1_1	TS187_v2_1
TS147	Zheng-Multimer	1.90	0.95	0.95	$TS147_v1_1$	$TS147_v2_4$
TS028	NKRNA-s	1.90	0.95	0.95	$TS028\_v1\_1$	$TS028\_v2\_2$
TS148	Guijunlab-Complex	1.90	0.94	0.95	TS148_v1_1	$TS148_v2_1$
TS204	Zou	1.90	0.95	0.95	$TS204_v1_2$	$TS204_v2_2$
TS212	PIEFold_human	1.90	0.94	0.95	$TS212\_v1\_4$	$TS212\_v2\_1$
TS110	MIEnsembles-Server	1.90	0.95	0.95	TS110_v1_3	$TS110_{-}v2_{-}4$
TS051	MULTICOM	1.90	0.95	0.95	$TS051_v1_2$	$TS051_{-}v2_{-}2$
TS301	GHZ-MAN	1.89	0.94	0.95	$TS301_v1_2$	$TS301\_v2\_5$
TS375	milliseconds	1.89	0.94	0.95	$TS375_v1_3$	$TS375_v2_2$
TS059	DeepFold	1.89	0.94	0.95	$TS059_v1_1$	$TS059\_v2\_2$
TS269	CSSB_server	1.89	0.94	0.95	$TS269_v1_4$	$TS269_v2_2$
TS052	Yang-Server	1.89	0.94	0.95	$TS052\_v1\_1$	$TS052\_v2\_2$
TS022	Yang	1.89	0.94	0.95	$TS022\_v1\_5$	$TS022_v2_4$
TS208	falcon2	1.89	0.94	0.95	$TS208\_v1\_5$	$TS208\_v2\_2$
TS376	OFsingleseq	1.89	0.94	0.95	$TS376\_v1\_1$	$TS376_v2_1$
TS468	$MIALAB_{-gong}$	1.89	0.94	0.95	$TS468_v1_1$	$TS468_v2_3$
TS274	kozakovvajda	1.89	0.94	0.95	$TS274_v1_4$	$TS274_v2_5$
TS369	Bhattacharya	1.88	0.94	0.94	$TS369_v1_1$	$TS369_v2_1$
TS425	MULTICOM_GATE	1.88	0.94	0.94	$TS425_v1_4$	$TS425_v2_2$
TS319	MULTICOM_LLM	1.88	0.94	0.94	$TS319\_v1\_4$	$TS319\_v2\_2$
TS331	MULTICOM_AI	1.88	0.94	0.94	$TS331\_v1\_4$	$TS331_v2_2$
TS164	McGuffin	1.88	0.94	0.94	$TS164_v1_1$	$TS164_v2_5$
TS040	DELCLAB	1.87	0.93	0.93	$TS040_v1_2$	$TS040_v2_4$
TS465	Wallner	1.79	0.90	0.89	$TS465_v1_1$	$TS465_v2_3$
TS262	CoDock	1.69	0.93	0.75	$TS262_v1_5$	$TS262\_v2\_2$
TS419	CSSB-Human	1.65	0.86	0.78	$TS419_v1_1$	$TS419_v2_3$
TS221	CSSB_FAKER	1.65	0.86	0.78	$TS221_v1_1$	$TS221\_v2\_3$
TS286	$CSSB\_experimental$	1.65	0.86	0.78	$TS286\_v1\_1$	$TS286\_v2\_3$
TS117	Vakser	1.48	0.57	0.91	$TS117_v1_2$	$TS117_v2_2$
TS323	Yan	1.46	0.52	0.94	$TS323\_v1\_1$	$TS323\_v2\_1$
TS196	$HYU\_MLLAB$	1.30	0.69	0.61	$TS196_v1_1$	$TS196\_v2\_5$
TS489	Fernandez-Recio	1.26	0.64	0.63	$TS489_v1_1$	$TS489_v2_3$
TS388	DeepFold-server	1.19	0.67	0.52	$TS388_v1_1$	$TS388_v2_2$
TS085	Bates	1.11	0.53	0.58	$TS085_v1_5$	$TS085\_v2\_5$
TS361	Cerebra_server	1.00	0.50	0.50	$TS361_v1_3$	$TS361_v2_4$
TS120	Cerebra	0.97	0.48	0.48	$TS120\_v1\_6$	$TS120\_v2\_6$
TS139	DeepFold-refine	0.81	0.53	0.28	$TS139\_v1\_5$	$TS139_v2_4$
TS114	COAST	0.39	0.20	0.20	$TS114_v1_5$	$TS114\_v2\_5$
TS300	ARC	0.37	0.19	0.18	$TS300_v1_1$	$TS300\_v2\_1$
TS337	APOLLO	0.36	0.18	0.18	$TS337_v1_1$	$TS337\_v2\_1$
TS023	FTBiot0119	0.28	0.14	0.14	$TS023\_v1\_4$	$TS023\_v2\_2$