## CASP16\_TWO-STATE\_TABLES

## Tiburon Leon Benavides

## June 2nd 2025

Supplementary Table S1: Results for T1214 Sigma4 Score

Group	Group_Name	$\Sigma_4$ Score	Model	Group	$Group\_Name$	$\Sigma_4$ Score	Model
TS015	PEZYFoldings	94.57	5	TS079	MRAFold	83.96	5
TS386	ShanghaiTech-Ligand	93.06	4	TS293	MRAH	83.94	2
TS298	ShanghaiTech-human	93.06	4	TS167	OpenComplex	83.89	2 5
TS208	falcon2	91.87	4	TS450	OpenComplex_Server	83.89	
TS462	Zheng	91.28	6	TS301	GHZ-MAN	83.89	2
TS408	SNU-CHEM-lig	91.27	1	TS345	MULTICOM_human	83.67	4
TS055	LCDD-team	91.08	5	TS075	GHZ-ISM	83.64	2
TS465	Wallner	90.37	3	TS284	Unicorn	83.64	2
TS022	Yang	90.34	4	TS369	Bhattacharya	83.49	1
TS202	test001	89.85	5	TS122	MQA_server	83.38	4
TS110	MIEnsembles-Server	88.32	2	TS017	Seder2024hard	83.35	3
TS388	DeepFold-server	86.98	4	TS145	colabfold_baseline	83.35	5
TS423	ShanghaiTech-server	86.44	1	TS051	MULTICOM	83.25	3
TS091	Huang-HUST	86.29	2	TS331	MULTICOM_AI	83.25	3
TS147	Zheng-Multimer	86.18	1	TS235	isyslab-hust	82.77	3
TS287	plmfold	86.00	1	TS198	colabfold	82.72	4
TS102	Psi-Phi	85.96	5	TS400	OmniFold	82.42	1
TS375	milliseconds	85.87	3	TS272	GromihaLab	82.13	3
TS148	Guijunlab-Complex	85.76	5	TS464	PocketTracer	81.90	3
TS264	GuijunLab-Human	85.76	1	TS269	CSSB_server	71.94	3
TS312	GuijunLab-Assembly	85.76	1	TS221	CSSB_FAKER	71.91	3
TS314	GuijunLab-PAthreader	85.76	1	TS419	CSSB-Human	71.91	3
TS393	GuijunLab-QA	85.76	1	TS020	comppharmunibas	71.72	3
TS227	KUMC	85.67	3	TS052	Yang-Server	71.63	1
TS425	MULTICOM_GATE	85.50	2	TS456	Yang-Multimer	70.91	5
TS319	$MULTICOM_{-}LLM$	85.50	3	TS139	DeepFold-refine	70.50	6
TS014	Cool-PSP	85.21	5	TS059	DeepFold	70.50	6
TS311	RAGfold_Prot1	85.14	4	TS204	Zou	70.20	5
TS207	MULTICOM_ligand	85.04	2	TS262	CoDock	69.28	3
TS164	McGuffin	84.86	1	TS120	Cerebra	59.52	6
TS225	TS225	84.86	1	TS039	arosko	50.57	$\frac{3}{2}$
TS163	MultiFOLD2	84.86	1	TS286	CSSB_experimental	49.37	
TS294	KiharaLab	84.67	2	TS274	kozakovvajda	47.92	3
TS196	$HYU\_MLLAB$	84.52	4	TS494	ClusPro	47.92	3
TS475	ptq	84.45	3	TS040	DELCLAB	47.44	3
TS019	Zheng-Server	84.23	1	TS275	Seminoles	39.89	1
TS267	kiharalab_server	84.18	2	TS461	forlilab	36.42	2
TS304	AF3-server	84.17	2	TS361	Cerebra_server	32.74	1
TS241	elofsson	84.17	2	TS132	profold2	6.57	1

Supplementary Table S2: 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 S3: Results for T1228 GDT TS Two-State Score

Group Name		Supplementary	Table 55: Results	101 11220 U	D1 15 1 WO-	Diate Dedic	
TS264   GujunLab-Human   116.01   55.95   60.07   TS264_v1.61   TS264_v1.61   TS147_v2.1   TS147_v2.1   TS147_v2.1   TS147_v2.1   TS148_v2.1   TS148_v2.2   TS052_v2.1   TS0	Group	$Group\_Name$	$Two\text{-}State\_Score$	$V1\_GDT\_TS$	$V2\_GDT\_TS$	$V1\_Model$	$V2\_Model$
TS264   GujunLab-Human   116.01   55.95   60.07   TS264_v1.61   TS264_v1.61   TS147_v2.1   TS147_v2.1   TS147_v2.1   TS147_v2.1   TS148_v2.1   TS148_v2.2   TS052_v2.1   TS0	TS462	Zheng	116.15	63.11	53.04	TS462_v1_3	TS462 v2 5
TS147   Zheng-Multimer							
TS481   Vold							
TS167   OpenComplex   112.41   57.07   55.34   TS167.y.1   TS167.y.2   TS195.y.2   Yang   112.13   57.21   51.92   TS195.y.2   TS195.y.2   Yang   112.13   57.21   51.92   TS195.y.2   TS195.y.2   Yang   Y	TS148	Guijunlab-Complex	114.51	54.45	60.07	$TS148_v2_3$	TS148_v1_3
TS450				61.80	50.66	$TS481_v1_3$	
TS902   Yang				57.07			$TS167_v2_3$
TS652   Yang-Server							
T8466   Yang-Multimer   110.72   58.33   52.39   T8465.v1.3   T8365.v2.2   T8204   Cou   110.58   62.17   48.41   T8204.v2.2   T8241   elofsson   110.39   58.57   51.83   T8241.v2.1   T8241.v1.2   T8294   Villaria.   T8294							
TS204							
TS241   elosson							
TS294   KiharaLab							
TS901   Huang-HUST							
TS033							
TS262   CoDock							
TS212   PIEFold-human							
TS375							
TS301 GHZ-MAN	TS375	milliseconds	106.98	59.41	47.57		$TS375_v1_3$
TS110         MIEnsembles-Server         104.59         57.73         46.86         TS304_v1.4         TS304_v2.5           TS331         MULTICOM AI         103.98         56.65         47.33         TS319_v1.2         TS319_v2.1         TS319_v1.2         TS319_v2.1         TS319_v2.2         TS319_v2.2         TS319_v2.2         TS319_v2.2         TS319_v2.2         TS319_v2.2         TS319_v2.1         TS319_v2.2         TS319_v2.1         TS319_v2.2         TS274_v1.2         TS274_v2.2         TS274_v1.2         TS274_v2.2         TS274_v2.2         TS274_v2.2         TS274_v2.2         TS274_v2.2         TS231         B-LAB         103.60         56.27         47.33         TS31_v2.4         TS31_v2.4         TS31_v2.4         TS31_v2.4         TS31_v2.1         TS31_v2.2         TS31_v2.1         TS31_v2.1         TS31_v2.2         TS31_v2.1	TS028	NKRNA-s	106.69	51.31	55.38	$TS028\_v1\_2$	$TS028\_v2\_5$
TS304         AF3-server         104.59         57.73         46.86         TS304_v1_4         TS304_v2_5           TS319         MULTICOM_LILM         103.98         56.65         47.33         TS31_v1_2         TS31_v2_4           TS345         MULTICOM_human         103.98         56.65         47.33         TS31_v1_2         TS31_v2_4           TS974         kozakovvajda         103.84         56.32         47.52         TS274_v1_2	TS301		106.65	55.95	50.70	$TS301_{-}v1_{-}3$	$TS301_v2_4$
TS311         MULTICOM_LILM         103.98         56.65         47.33         TS319_v.12         TS314_v.12         TS314_v.12         TS314_v.12         TS419_v.12         TS410_v.12							
TS319         MULTICOM.Lum         103.98         56.65         47.33         TS315_v.1.2         TS315_v.2.2           TS051         MULTICOM         103.98         56.65         47.33         TS051_v.1.3         TS051_v.2.2           TS274         kozakovvajda         103.84         56.32         47.52         TS274_v.1.2         TS274_v.2.2           TS231         ClusPro         103.84         56.32         47.52         TS231_v.2.4         TS231_v.2.4           TS231         B-LAB         103.66         56.27         47.33         TS231_v.2.4         TS231_v.1.4           TS286         CSSB_experimental         103.46         56.13         47.33         TS231_v.1.2         TS286_v.2.4           TS425         MULTICOM.GATE         103.18         55.85         46.73         TS25_v.1.1         TS26_v.2.4           TS491         CSSB-Human         102.29         55.52         46.77         TS419_v.2.4         TS419_v.2.4           TS291         CSSB-FAKER         102.20         55.57         46.63         TS221_v.1.5         TS369_v.1.2           TS309         Bhattacharya         102.11         54.82         47.28         TS36_v.1.2         TS419_v.2.4           TS475         ptq							
TS345         MULTICOM.human         103.98         56.65         47.33         TS345.v1.3         TS345.v2.2           TS974         Kozakovajda         103.84         56.32         47.52         TS274.v1.2         TS274.v2.2           TS494         ClusPro         103.84         56.32         47.52         TS494.v1.2         TS274.v2.2           TS231         B-LAB         103.60         56.27         47.33         TS231.v2.4         TS231.v1.4           TS314         GuijunLab-PAthreader         103.56         48.55         55.01         TS314.v2.3         TS314.v1.1           TS425         MULTICOM.GATE         103.18         55.85         47.33         TS425.v1.1         TS425.v2.1           TS419         CSSB-Human         102.29         55.52         46.77         TS419.v2.4         TS419.v1.3           TS210         CSSB-FAKER         102.20         55.52         46.77         TS419.v1.2         TS419.v1.2           TS369         Bhattacharya         102.11         54.82         47.28         TS369.v1.2         TS369.v1.2           TS475         ptq         101.97         51.69         50.28         TS475.v2.5         TS475.v1.2           TS475         ptq         101.12							
TS051         MULTICOM         103.88         56.65         47.33         TS051.v1.3         TS051.v2.2         TS074.v2.2         TS274.v2.2         TS274.v2.2         TS274.v2.2         TS274.v2.2         TS2494         ClusPro         103.84         56.32         47.52         TS241.v2.4         TS231.v1.4         TS231.v2.4         TS231.v1.4         TS231.v1.4         TS231.v1.4         TS231.v1.4         TS231.v1.4         TS231.v1.4         TS231.v1.4         TS231.v1.4         TS236.v2.4         TS231.v1.4         TS236.v2.4         TS231.v1.4         TS236.v2.4         TS231.v1.4         TS236.v2.4         TS236.v2.4         TS236.v2.4         TS231.v1.4         TS266.v2.4         TS245.v2.1         TS266.v2.4         TS266.v2.4         TS26.v2.4         TS266.v2.4         TS266.v2.4         TS266.v2.4         TS266.v2.4         TS266.v2.4         TS266.v2.4         TS266.v2.4         TS266.v2.4         TS266.v2.4         TS286.v2.2         TS286.v2.4         TS286.v2.2         TS286.v2.4         TS286.v2.2         TS286.v2.4         TS286.v2.2         TS286.v2.4         TS286.v2.4         TS286.v2.4         TS287.v2.1							
TS274         kozakovvajda         103.84         56.32         47.52         TS274.v1.2         TS274.v2.2         TS244.v1.2         TS274.v2.2         TS494.v1.2         TS244.v2.2         TS494.v1.2         TS494.v1.2         TS494.v1.2         TS494.v1.2         TS494.v1.2         TS21.v1.4           TS314         GuijunLab-PAthreader         103.66         48.55         55.01         TS314.v1.1         TS286.v1.5         TS286.v1.5         TS286.v2.4           TS425         MULTICOM.GATE         103.18         55.85         47.33         TS225.v1.1         TS425.v2.1         TS425.v2.2         TS198.v1.2         TS49.v2.2         TS98.v1.2         TS49.v1.2         TS49.v1.							
TS494         ClusPro         103.84         56.32         47.52         TS494_v1_2         TS494_v2_2           TS231         B-LAB         103.60         56.27         47.33         TS231_v2_4         TS231_v1_4           TS236         GuijunLab-PAthreader         103.56         48.55         55.01         TS314_v2_3         TS314_v1_1           TS286         CSSB. Experimental         103.46         56.13         47.33         TS286_v1_5         TS286_v2_4           TS198         Colabfold         102.58         56.41         46.16         TS198_v2_2         TS198_v1_2           TS419         CSSB-Human         102.29         55.52         46.67         TS419_v2_4         TS419_v1_3           TS211         CSSB-FAKER         102.20         55.57         46.63         TS21_v2_2         TS21_v1_5           TS369         Bhattacharya         102.11         54.82         47.28         TS369_v1_2         TS369_v2_1           TS475         ptq         101.12         58.43         42.70         TS475_v2_5         TS475_v1_2           TS475         ptq         101.12         58.43         42.70         TS475_v2_5         TS475_v1_2           TS475         ptq         101.12							
TS231         B-LAB         103.60         56.27         47.33         TS231.v2.4         TS231.v1.1           TS314         GuijunLab-PAthreader         103.56         48.55         55.01         TS314.v1.1         TS286.v2.4           TS425         MULTICOM.GATE         103.18         55.85         46.73         TS425.v1.1         TS425.v2.1           TS419         CSSB-Human         102.29         55.57         46.61         TS198.v2.2         TS198.v1.2           TS221         CSSB-FAKER         102.20         55.57         46.63         TS212.v2.2         TS212.v2.1         TS419.v2.4         TS419.v1.3           TS230         ZSB-FAKER         102.20         55.57         46.63         TS219.v2.2         TS921.v2.1         TS419.v1.4         TS419.v1.4         TS419.v1.4         TS419.v1.4         TS419.v1.4         TS419.v1.4         TS419.v1.4         TS419.v1.2         TS419.v1.2         TS419.v1.4							
TS314         GuijunLab-PAthreader         103.56         48.55         55.01         TS314.v2.3         TS384.v2.3         TS286.v2.4           TS286         CSSB.experimental         103.18         55.85         47.33         TS286.v2.1         TS286.v2.2           TS198         Colabfold         102.58         56.41         46.16         TS189.v2.2         TS198.v1.2           TS419         CSSB-Human         102.29         55.52         46.77         TS419.v2.4         TS419.v1.3           TS221         CSSB.FAKER         102.20         55.57         46.63         TS221.v2.2         TS221.v1.5           TS369         Bhattacharya         102.11         54.82         47.28         TS369.v2.1         TS369.v2.1           TS019         Zheng-Server         101.97         51.69         50.28         TS019.v1.4         TS019.v2.4           TS475         ptq         101.12         58.43         42.70         TS475.v2.5         TS475.v2.5         TS475.v2.5         TS475.v2.5         TS475.v2.5         TS475.v2.5         TS475.v2.5         TS475.v2.5         TS475.v2.5         TS475.v2.1         TS267.v2.1         TS267.v2.1         TS267.v2.5         TS475.v2.1         TS267.v2.1         TS267.v2.1         TS267.v2.1         TS267.v2.1 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
TS286         CSSB experimental         103.46         56.13         47.33         TS286,vl.1         TS245.v2.1           TS425         MULTICOM_GATE         103.18         55.85         47.33         TS425,vl.1         TS425,v2.1           TS198         colabfold         102.58         56.41         46.16         TS198.v2.2         TS198.v1.2           TS419         CSSB FAKER         102.20         55.52         46.77         TS419.v2.4         TS419.v1.3           TS230         CSSB FAKER         102.20         55.55         46.63         TS221.v2.2         TS221.v1.5           TS369         Bhattacharya         102.11         54.82         47.28         TS369.v1.2         TS369.v2.1           TS475         ptq         101.12         58.43         42.70         TS475.v1.2         TS369.v2.1           TS475         ptq         101.12         58.43         42.70         TS475.v1.2         TS019.v1.4           TS287         plmfold         101.08         54.07         70.0         TS287.v1.1         TS287.v2.1           TS267         kiharalab.server         100.05         54.68         45.37         TS267.v1.1         TS267.v1.1           TS2967         kiharalab.server         100.05							
TS425         MULTICOM_GATE         103.18         55.85         47.33         TS425_vl.1         TS425_v2.1           TS198         colabfold         102.58         56.41         46.16         TS198_v2.2         TS198_v1.2           TS419         CSSB-Human         102.29         55.52         46.77         TS419_v2.2         TS419_v1.3           TS221         CSSB-HAKER         102.20         55.57         46.63         TS221_v2.2         TS221_v1.5           TS369         Bhattacharya         102.11         54.82         47.28         TS369_v2.1         TS369_v2.1           TS019         Zheng-Server         101.12         58.43         42.70         TS475_v2.5         TS475_v1.2           TS014         Cool-PSP         101.12         58.43         42.70         TS475_v2.5         TS475_v1.2           TS27         plmfold         101.08         54.07         47.00         TS287_v1.1         TS267_v2.5           TS079         MRAFold         99.77         54.82         44.94         TS293_v1.2         TS267_v2.5           TS079         MRAFold         99.77         54.82         44.94         TS293_v1.2         TS293_v2.2           TS489         Fernandez-Recio         99.67							
TS198         colabfold         102.58         56.41         46.16         TS198.v2.2         TS198.v1.2           TS419         CSSB-Human         102.29         55.52         46.77         TS419.v2.4         TS419.v1.3           TS221         CSSB-FAKER         102.20         55.57         46.63         TS221.v2.2         TS221.v1.5           TS369         Bhattacharya         102.11         54.82         47.28         TS369.v1.2         TS369.v2.1           TS019         Zheng-Server         101.12         58.43         42.70         TS475.v2.5         TS475.v1.2           TS014         Cool-PSP         101.12         58.43         42.70         TS475.v2.5         TS475.v1.2           TS287         plmfold         101.08         54.07         47.00         TS287.v1.1         TS287.v1.1           TS267         kiharalab.server         100.05         54.68         45.37         TS267.v1.1         TS267.v2.5           TS797         MRAFold         99.77         54.82         44.94         TS079.v1.2         TS079.v2.2           TS283         MRAH         99.77         54.82         44.94         TS079.v1.2         TS079.v2.2           TS286         febrandez-Recio         99.67							
TS221         CSSB.FAKER         102.20         55.57         46.63         TS221_v2_2         TS221_v1_5           TS369         Bhattacharya         102.11         54.82         47.88         TS369_v2_1.2         TS369_v2_1.4           TS019         Zheng-Server         101.97         51.69         50.28         TS019_v1_4         TS019_v2_4           TS475         ptq         101.12         58.43         42.70         TS475_v2_5         TS475_v1_2           TS267         plmfold         101.08         54.07         47.00         TS287_v1_2         TS287_v2_1           TS267         plmfold         100.05         54.68         45.37         TS267_v1_1         TS267_v2_5           TS297         MRAPold         99.77         54.82         44.94         TS079_v1_2         TS293_v2_2           TS489         Fernandez-Recio         99.67         55.48         44.20         TS489_v1_2         TS489_v2_2           TS212         Seder2024         99.20         54.54         44.66         TS312_v1_1         TS312_v2_2           TS312         GuijunLab-Assembly         98.50         53.84         44.66         TS312_v1_1         TS112_v2_2           TS312         Seder2024hard         99.99 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
TS369         Bhattacharya         102.11         54.82         47.28         TS369_v1.2         TS369_v2.1           TS919         Zheng-Server         101.97         51.69         50.28         TS919_v1.4         TS919_v2.4           TS915         ptq         101.12         58.43         42.70         TS475_v2.5         TS475_v1.2           TS014         Cool-PSP         101.12         58.57         42.56         TS014_v2.6         TS914_v1.6           TS287         plmfold         101.08         54.07         47.00         TS287_v1.2         TS878_v2.1           TS267         kiharalab_server         100.05         54.68         45.37         TS267_v1.1         TS267_v2.5           TS079         MRAFold         99.77         54.82         44.94         TS079_v1.2         TS793_v2.2           TS489         Fernandez-Recio         99.67         55.48         44.20         TS489_v1.2         TS293_v2.2           TS288         falcon2         99.20         54.54         44.66         TS208_v2.5         TS208_v1.1           TS312         GuijunLab-Assembly         98.50         53.84         44.66         TS312_v1.4         TS112_v2.2           TS312         Seder2024hard         97.99 <td>TS419</td> <td>CSSB-Human</td> <td>102.29</td> <td>55.52</td> <td>46.77</td> <td><math>TS419\_v2\_4</math></td> <td><math>TS419_v1_3</math></td>	TS419	CSSB-Human	102.29	55.52	46.77	$TS419\_v2\_4$	$TS419_v1_3$
TS019         Zheng-Server         101.97         51.69         50.28         TS019_v1.4         TS019_v2.4           TS475         ptq         101.12         58.43         42.70         TS475_v2.2         TS475_v1.2         TS475_v1.2         TS475_v1.2         TS475_v1.2         TS475_v1.2         TS475_v1.2         TS475_v1.2         TS475_v1.2         TS267_v1.1         TS267_v1.1         TS267_v1.1         TS267_v1.1         TS267_v1.1         TS267_v2.1         TS267_v2.1         TS267_v2.1         TS267_v2.1         TS267_v2.2         TS267_v1.1         TS267_v2.2         TS267_v1.1         TS267_v2.5         TS267_v1.1         TS267_v2.2         TS267_v1.1         TS267_v2.2         TS267_v1.1         TS267_v2.2         TS267_v1.1         TS267_v2.2         TS267_v2.2         TS293_w1.2         TS267_v2.2         TS293_w1.2         TS267_v2.2         TS293_w1.2         TS267_v2.2         TS293_w1.2         TS267_v2.2         TS283_v2.2         TS489_v2.2         TS4	TS221	CSSB_FAKER	102.20	55.57	46.63	$TS221\_v2\_2$	$TS221\_v1\_5$
TS475							
TS014         Col-PSP         101.12         58.57         42.56         TS014_v2.6         TS014_v2.6         TS014_v2.6         TS287_v2.1         TS287_v2.1         TS287_v2.1         TS287_v2.1         TS267_v2.1         TS267_v2.2         TS282_v2.2         TS283_v2.2         TS283_v2.2         TS284_v2.1         TS28_v2.2         TS28_v2.2         TS28_v2.2         TS268_v2.1         TS267_v1.5         TS16_v2.5         TS208_v1.1         TS267_v1.5         TS268_v2.1         TS267_v1.5         TS262_v2.5         TS208_v2.1         TS296_v2.3         TS216_v2.5         TS296_v2.1         TS212_v2.1         TS212_v2.1         TS212_v2.1         TS212_v2.1         TS212_v2.1         TS212_v2.1         TS212_v2.1         TS212_v2.1         TS212_v2.1         TS260		0					
TS287   plmfold							
TS267   kiharalab_server   100.05   54.68   45.37   TS267_v1_1   TS267_v2_5   TS079   MRAFold   99.77   54.82   44.94   TS079_v1_2   TS079_v2_2   TS293   MRAH   99.77   54.82   44.94   TS079_v1_2   TS079_v2_2   TS293   MRAH   99.77   54.82   44.94   TS293_v1_2   TS293_v2_2   TS288   Fernandez-Recio   99.67   55.48   44.20   TS489_v1_2   TS489_v2_2   TS208   falcon2   99.20   54.54   44.66   TS208_v2_5   TS208_v1_1   TS196   HYU_MLLAB   98.74   53.37   45.37   TS196_v1_5   TS208_v1_1   TS196   GuijunLab-Assembly   98.50   53.84   44.66   TS312_v1_1   TS312_v2_2   TS112   Seder2024easy   97.99   54.35   43.63   TS112_v1_4   TS112_v2_3   TS017   Seder2024hard   97.99   54.35   43.63   TS017_v1_5   TS017_v2_5   TS145   Colabfold_baseline   97.89   54.35   43.64   TS145_v1_3   TS145_v2_3   TS465   Wallner   97.47   50.00   47.47   TS465_v1_5   TS465_v2_1   TS235   isyslab-hust   96.63   50.80   45.83   TS235_v1_1   TS235_v2_3   TS311   RAGfold_Prot1   96.58   49.86   46.72   TS311_v1_2   TS311_v2_5   TS163   MultiFOLD2   96.02   53.23   42.79   TS163_v1_5   TS163_v2_2   TS015   PEZYFoldings   95.55   51.12   44.43   TS015_v2_2   TS015_v1_5   TS288   ShanghaiTech-human   95.04   54.35   40.68   TS298_v1_1   TS298_v2_3   TS284   Unicorn   94.90   44.20   50.70   TS284_v1_1   TS28_v2_2   TS122   MQA_server   94.90   44.20   50.70   TS28_v1_1   TS22_v2_v2_4   TS164   McGuffin   94.76   48.03   46.72   TS16_v1_1   TS16_v2_2   TS159   406   94.29   49.34   44.94   TS15_v1_1   TS16_v2_1   TS269   CSSB_server   92.98   50.70   TS28_v1_1   TS325_v2_1   TS269   CSSB_server   92.98   50.70   42.27   TS26_v1_1   TS16_v2_2   TS033   FTBiot0119   85.63   45.79   39.84   TS03_v1_1   TS03_v2_2   TS130   DeepFold-refine   80.15   40.59   39.56   TS13_v1_4   TS13_v2_2   TS120   Cerebra   76.08   38.34   37.73   TS12_v1_4   TS12_v2_1							
TS079         MRAFold         99.77         54.82         44.94         TS079_v1_2         TS079_v2_2           TS293         MRAH         99.77         54.82         44.94         TS293_v1_2         TS293_v2_2           TS489         Fernandez-Recio         99.67         55.48         44.20         TS489_v1_2         TS489_v2_2           TS208         falcon2         99.20         54.54         44.66         TS208_v2_5         TS208_v1_1           TS196         HYU.MLLAB         98.74         53.37         45.37         TS196_v1_5         TS196_v2_5           TS312         GuijunLab-Assembly         98.50         53.84         44.66         TS312_v1_1         TS312_v2_2           TS112         Seder2024easy         97.99         54.35         43.63         TS112_v1_4         TS112_v2_3           TS017         Seder2024hard         97.99         54.35         43.63         TS017_v1_5         TS017_v2_5           TS45         Wallner         97.89         54.35         43.63         TS017_v1_5         TS017_v2_5           TS45         Wallner         97.89         54.35         43.54         TS145_v1_3         TS465_v2_1           TS46         Wallner         97.89         54.35							
TS293         MRAH         99.77         54.82         44.94         TS293_v1_2         TS293_v2_2           TS489         Fernandez-Recio         99.67         55.48         44.20         TS489_v1_2         TS489_v2_2           TS208         falcon2         99.20         54.54         44.66         TS208_v2_5         TS208_v1_1           TS196         HYU_MLLAB         98.74         53.37         45.37         TS196_v1_5         TS196_v2_5           TS312         GuijunLab-Assembly         98.50         53.84         44.66         TS312_v1_1         TS312_v2_2           TS112         Seder2024hard         97.99         54.35         43.63         TS112_v1_4         TS112_v2_3           TS45         colabfold_baseline         97.89         54.35         43.63         TS112_v1_5         TS017_v2_5           TS145         colabfold_baseline         97.89         54.35         43.54         TS145_v1_3         TS145_v2_3           TS465         Wallner         97.47         50.00         47.47         TS465_v1_5         TS465_v2_1           TS235         isyslab-hust         96.63         50.80         45.83         TS235_v1_5         TS235_v2_1           TS235         MultiFOLD2         96							
TS489         Fernandez-Recio         99.67         55.48         44.20         TS489_v1_2         TS489_v2_2           TS208         falcon2         99.20         54.54         44.66         TS208_v2_5         TS208_v1_1           TS196         HYU_MLAB         98.74         53.37         45.37         TS196_v1_5         TS196_v2_5           TS312         GuijunLab-Assembly         98.50         53.84         44.66         TS312_v1_1         TS312_v2_2           TS112         Seder2024easy         97.99         54.35         43.63         TS112_v1_4         TS112_v2_3           TS017         Seder2024hard         97.99         54.35         43.63         TS017_v1_5         TS017_v2_5           TS145         colabfold_baseline         97.89         54.35         43.54         TS145_v1_3         TS145_v2_3           TS465         Wallner         97.47         50.00         47.47         TS465_v1_5         TS465_v2_1           TS235         isyslab-hust         96.63         50.80         45.83         TS235_v1_1         TS235_v2_3           TS311         RAGfold_Prot1         96.58         49.86         46.72         TS311_v1_2         TS311_v2_5           TS163         MultiFOLD2 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
TS208         falcon2         99.20         54.54         44.66         TS208_v2_5         TS208_v1_1           TS196         HYU_MLLAB         98.74         53.37         45.37         TS196_v1_5         TS196_v2_5           TS312         GuijunLab-Assembly         98.50         53.84         44.66         TS312_v1_1         TS312_v2_2           TS112         Seder2024easy         97.99         54.35         43.63         TS112_v1_4         TS112_v2_3           TS017         Seder2024hard         97.99         54.35         43.63         TS017_v1_5         TS017_v2_5           TS145         colabfold_baseline         97.89         54.35         43.63         TS145_v1_3         TS145_v2_3           TS465         Wallner         97.47         50.00         47.47         TS465_v1_5         TS465_v2_1           TS235         isyslab-hust         96.63         50.80         45.83         TS235_v1_1         TS235_v2_3           TS311         RAGfold_Prot1         96.58         49.86         46.72         TS311_v1_2         TS311_v2_5           TS163         MultiFOLD2         96.02         53.23         42.79         TS163_v1_5         TS163_v2_2           TS265         PEZYFoldings							
TS196         HYU_MLLAB         98.74         53.37         45.37         TS196_v1_5         TS196_v2_5           TS312         GuijunLab-Assembly         98.50         53.84         44.66         TS312_v1_1         TS312_v2_2           TS112         Seder2024easy         97.99         54.35         43.63         TS112_v1_4         TS112_v2_3           TS017         Seder2024hard         97.99         54.35         43.63         TS017_v1_5         TS017_v2_5           TS145         colabfold_baseline         97.89         54.35         43.64         TS145_v1_3         TS145_v2_3           TS465         Wallner         97.47         50.00         47.47         TS465_v1_5         TS465_v2_1           TS235         isyslab-hust         96.63         50.80         45.83         TS235_v1_5         TS235_v2_3           TS311         RAGfold_Prot1         96.58         49.86         46.72         TS311_v1_2         TS311_v2_2_5           TS163         MultiFOLD2         96.02         53.23         42.79         TS163_v2_2_5           TS295         ShanghaiTech-human         95.04         54.35         40.68         TS298_v1_1         TS298_v2_2           TS284         Unicorn         94.90							
TS312         GuijunLab-Assembly         98.50         53.84         44.66         TS312_v1_1         TS312_v2_2           TS112         Seder2024easy         97.99         54.35         43.63         TS112_v1_4         TS112_v2_3           TS017         Seder2024hard         97.99         54.35         43.63         TS017_v1_5         TS017_v2_5           TS145         colabfold_baseline         97.89         54.35         43.54         TS145_v1_3         TS145_v2_3           TS465         Wallner         97.47         50.00         47.47         TS465_v1_5         TS465_v2_1           TS235         isyslab-hust         96.63         50.80         45.83         TS235_v1_1         TS235_v2_3           TS11         RAGfold_Prot1         96.58         49.86         46.72         TS311_v1_2         TS311_v2_5           TS163         MultiFOLD2         96.02         53.23         42.79         TS163_v1_5         TS163_v2_2           TS163         PEZYFoldings         95.55         51.12         44.43         TS015_v2_2         TS015_v1_5           TS284         Unicorn         94.90         44.20         50.70         TS284_v1_3         TS284_v2_4           TS075         GHZ-ISM         94.							
TS112         Seder2024easy         97.99         54.35         43.63         TS112_v1_4         TS112_v2_3           TS017         Seder2024hard         97.99         54.35         43.63         TS017_v1_5         TS017_v2_5           TS145         colabfold_baseline         97.89         54.35         43.54         TS145_v1_3         TS145_v2_1           TS45         Wallner         97.47         50.00         47.47         TS465_v2_1         TS235_v1_1         TS235_v2_3           TS235         isyslab-hust         96.63         50.80         45.83         TS235_v1_1         TS235_v2_3           TS311         RAGfold_Prot1         96.58         49.86         46.72         TS311_v1_2         TS311_v2_5           TS163         MultiFOLD2         96.02         53.23         42.79         TS163_v1_5         TS163_v2_2           TS298         ShanghaiTech-human         95.04         54.35         40.68         TS298_v1_1         TS298_v2_3           TS284         Unicorn         94.90         44.20         50.70         TS284_v1_1         TS298_v2_4           TS075         GHZ-ISM         94.90         44.20         50.70         TS075_v1_3         TS075_v2_4           TS164         McGuf							
TS017         Seder2024hard         97.99         54.35         43.63         TS017_v1_5         TS017_v2_5           TS145         colabfold_baseline         97.89         54.35         43.54         TS145_v1_3         TS145_v2_3           TS465         Wallner         97.47         50.00         47.47         TS465_v1_5         TS465_v2_1           TS235         isyslab-hust         96.63         50.80         45.83         TS235_v1_1         TS235_v2_3           TS311         RAGfold_Prot1         96.58         49.86         46.72         TS311_v1_2         TS311_v2_5           TS163         MultiFOLD2         96.02         53.23         42.79         TS163_v1_5         TS163_v2_2           TS015         PEZYFoldings         95.55         51.12         44.43         TS015_v2_2         TS015_v1_5           TS28         ShanghaiTech-human         95.04         54.35         40.68         TS298_v1_1         TS298_v2_3           TS284         Unicorn         94.90         44.20         50.70         TS075_v1_3         TS284_v2_4           TS075         GHZ-ISM         94.90         44.20         50.70         TS075_v1_3         TS075_v2_4           TS164         McGuffin         94.76 <td></td> <td>Seder2024easy</td> <td></td> <td></td> <td></td> <td></td> <td></td>		Seder2024easy					
TS465         Wallner         97.47         50.00         47.47         TS465_v1_5         TS465_v2_1           TS235         isyslab-hust         96.63         50.80         45.83         TS235_v1_1         TS235_v2_3           TS311         RAGfold_Prot1         96.58         49.86         46.72         TS311_v1_2         TS311_v2_5           TS163         MultiFOLD2         96.02         53.23         42.79         TS163_v1_5         TS163_v2_2           TS015         PEZYFoldings         95.55         51.12         44.43         TS015_v2_2         TS015_v1_5           TS298         ShanghaiTech-human         95.04         54.35         40.68         TS298_v1_1         TS298_v2_3           TS284         Unicorn         94.90         44.20         50.70         TS284_v1_3         TS284_v2_4           TS075         GHZ-ISM         94.90         44.20         50.70         TS075_v1_3         TS075_v2_4           TS122         MQA_server         94.90         44.20         50.70         TS075_v1_3         TS164_v1_1         TS164_v2_2           TS164         McGuffin         94.76         48.03         46.72         TS164_v1_1         TS164_v2_2           TS159         406         <							
TS235         isyslab-hust         96.63         50.80         45.83         TS235_v1_1         TS235_v2_3           TS311         RAGfold_Prot1         96.58         49.86         46.72         TS311_v1_2         TS311_v2_5           TS163         MultiFOLD2         96.02         53.23         42.79         TS163_v1_5         TS163_v2_2           TS015         PEZYFoldings         95.55         51.12         44.43         TS015_v2_2         TS015_v1_5           TS298         ShanghaiTech-human         95.04         54.35         40.68         TS298_v1_1         TS298_v2_3           TS284         Unicorn         94.90         44.20         50.70         TS284_v1_3         TS284_v2_4           TS075         GHZ-ISM         94.90         44.20         50.70         TS075_v1_3         TS075_v2_4           TS122         MQA_server         94.90         44.20         50.70         TS164_v1_1         TS164_v2_2_2           TS355         405         94.90         44.20         50.70         TS164_v1_1         TS164_v2_2_2           TS164         McGuffin         94.76         48.03         46.72         TS164_v1_1         TS164_v2_2_2           TS255         405         94.29							
TS311         RAGfold_Prot1         96.58         49.86         46.72         TS311_v1_2         TS311_v2_5           TS163         MultiFOLD2         96.02         53.23         42.79         TS163_v1_5         TS163_v2_2           TS015         PEZYFoldings         95.55         51.12         44.43         TS015_v2_2         TS015_v1_5           TS298         ShanghaiTech-human         95.04         54.35         40.68         TS298_v1_1         TS298_v2_3           TS284         Unicorn         94.90         44.20         50.70         TS284_v1_3         TS284_v2_4           TS075         GHZ-ISM         94.90         44.20         50.70         TS075_v1_3         TS075_v2_4           TS122         MQA_server         94.90         44.20         50.70         TS122_v1_3         TS122_v2_4           TS164         McGuffin         94.76         48.03         46.72         TS164_v1_1         TS164_v2_2           TS325         405         94.29         49.34         44.94         TS35_v1_1         TS35_v2_1           TS269         CSSB_server         92.98         50.70         42.27         TS269_v1_1         TS269_v2_1           TS059         DeepFold         91.53         46.9							
TS163         MultiFOLD2         96.02         53.23         42.79         TS163_v1_5         TS163_v2_2           TS015         PEZYFoldings         95.55         51.12         44.43         TS015_v1_5         TS298         ShanghaiTech-human         95.04         54.35         40.68         TS298_v2_1         TS298_v2_3           TS284         Unicorn         94.90         44.20         50.70         TS284_v1_3         TS284_v2_4           TS075         GHZ-ISM         94.90         44.20         50.70         TS075_v1_3         TS075_v2_4           TS122         MQA_server         94.90         44.20         50.70         TS122_v1_3         TS122_v2_4           TS164         McGuffin         94.76         48.03         46.72         TS164_v1_1         TS164_v2_2           TS325         405         94.29         49.34         44.94         TS325_v2_1         TS325_v2_1           TS269         CSSB_server         92.98         50.70         42.27         TS269_v1_1         TS269_v2_1           TS059         DeepFold         91.53         46.91         44.62         TS059_v2_3         TS059_v1_3           TS388         DeepFold-server         89.23         44.10         45.13         T							
TS015         PEZYFoldings         95.55         51.12         44.43         TS015_v2_2         TS015_v1_5           TS298         ShanghaiTech-human         95.04         54.35         40.68         TS298_v1_1         TS298_v2_3           TS284         Unicorn         94.90         44.20         50.70         TS284_v1_3         TS284_v2_4           TS075         GHZ-ISM         94.90         44.20         50.70         TS075_v1_3         TS075_v2_4           TS122         MQA_server         94.90         44.20         50.70         TS122_v1_3         TS122_v2_4           TS164         McGuffin         94.76         48.03         46.72         TS164_v1_1         TS164_v2_2           TS325         405         94.29         49.34         44.94         TS325_v1_1         TS325_v2_1           TS159         406         94.29         49.34         44.94         TS159_v1_1         TS159_v2_1           TS269         CSSB_server         92.98         50.70         42.27         TS269_v1_1         TS269_v2_1           TS059         DeepFold         91.53         46.91         44.62         TS059_v2_3         TS059_v1_3           TS388         DeepFold-server         89.23         44.10 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
TS298         ShanghaiTech-human         95.04         54.35         40.68         TS298_v1_1         TS298_v2_3           TS284         Unicorn         94.90         44.20         50.70         TS284_v1_3         TS284_v2_4           TS075         GHZ-ISM         94.90         44.20         50.70         TS075_v1_3         TS075_v2_4           TS122         MQA_server         94.90         44.20         50.70         TS122_v1_3         TS122_v2_4           TS164         McGuffin         94.76         48.03         46.72         TS164_v1_1         TS164_v2_2           TS325         405         94.29         49.34         44.94         TS325_v1_1         TS325_v2_1           TS159         406         94.29         49.34         44.94         TS159_v1_1         TS159_v2_1           TS269         CSSB_server         92.98         50.70         42.27         TS269_v1_1         TS269_v2_1           TS059         DeepFold         91.53         46.91         44.62         TS059_v2_3         TS059_v1_3           TS388         DeepFold-server         89.23         44.10         45.13         TS388_v1_3         TS388_v2_3           TS139         DeepFold-refine         80.15         40.5							
TS284         Unicorn         94.90         44.20         50.70         TS284_v1_3         TS284_v2_4           TS075         GHZ-ISM         94.90         44.20         50.70         TS075_v2_4         TS075_v2_4           TS122         MQA_server         94.90         44.20         50.70         TS122_v1_3         TS122_v2_4           TS164         McGuffin         94.76         48.03         46.72         TS164_v1_1         TS164_v2_2           TS325         405         94.29         49.34         44.94         TS325_v1_1         TS325_v2_1           TS159         406         94.29         49.34         44.94         TS159_v1_1         TS159_v2_1           TS269         CSSB_server         92.98         50.70         42.27         TS269_v1_1         TS269_v2_1           TS059         DeepFold         91.53         46.91         44.62         TS059_v2_3         TS059_v1_3           TS388         DeepFold-server         89.23         44.10         45.13         TS388_v1_3         TS388_v2_3           TS139         DeepFold-refine         80.15         40.59         39.56         TS139_v1_4         TS139_v2_2           TS120         Cerebra         76.08         38.34							
TS075         GHZ-ISM         94.90         44.20         50.70         TS075_v1_3         TS075_v2_4           TS122         MQA_server         94.90         44.20         50.70         TS122_v1_3         TS122_v2_4           TS164         McGuffin         94.76         48.03         46.72         TS164_v1_1         TS164_v2_2           TS325         405         94.29         49.34         44.94         TS325_v1_1         TS325_v2_1           TS159         406         94.29         49.34         44.94         TS159_v1_1         TS159_v2_1           TS269         CSSB_server         92.98         50.70         42.27         TS269_v1_1         TS269_v2_1           TS059         DeepFold         91.53         46.91         44.62         TS059_v2_3         TS059_v1_3           TS388         DeepFold-server         89.23         44.10         45.13         TS388_v1_3         TS388_v2_3           TS023         FTBiot0119         85.63         45.79         39.84         TS023_v1_1         TS023_v2_3           TS139         DeepFold-refine         80.15         40.59         39.56         TS139_v1_4         TS139_v2_2           TS120         Cerebra         76.08         38.34							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
TS164         McGuffin         94.76         48.03         46.72         TS164_v1_1         TS164_v2_2           TS325         405         94.29         49.34         44.94         TS325_v1_1         TS325_v2_1           TS159         406         94.29         49.34         44.94         TS159_v1_1         TS159_v2_1           TS269         CSSB_server         92.98         50.70         42.27         TS269_v1_1         TS269_v2_1           TS059         DeepFold         91.53         46.91         44.62         TS059_v2_3         TS059_v1_3           TS388         DeepFold-server         89.23         44.10         45.13         TS388_v1_3         TS388_v2_3           TS023         FTBiot0119         85.63         45.79         39.84         TS023_v1_1         TS023_v2_3           TS139         DeepFold-refine         80.15         40.59         39.56         TS139_v1_4         TS139_v2_2           TS120         Cerebra         76.08         38.34         37.73         TS120_v1_4         TS120_v2_1							
TS325         405         94.29         49.34         44.94         TS325_v2_1         TS325_v2_1           TS159         406         94.29         49.34         44.94         TS159_v1_1         TS159_v2_1           TS269         CSSB_server         92.98         50.70         42.27         TS269_v1_1         TS269_v2_1           TS059         DeepFold         91.53         46.91         44.62         TS059_v2_3         TS059_v1_3           TS388         DeepFold-server         89.23         44.10         45.13         TS388_v1_3         TS388_v2_3           TS023         FTBiot0119         85.63         45.79         39.84         TS023_v1_1         TS023_v2_3           TS139         DeepFold-refine         80.15         40.59         39.56         TS139_v1_4         TS139_v2_2           TS120         Cerebra         76.08         38.34         37.73         TS120_v1_4         TS120_v2_1							
TS159         406         94.29         49.34         44.94         TS159_v1_1         TS159_v2_1           TS269         CSSB_server         92.98         50.70         42.27         TS269_v1_1         TS269_v2_1           TS059         DeepFold         91.53         46.91         44.62         TS059_v2_3         TS059_v1_3           TS388         DeepFold-server         89.23         44.10         45.13         TS388_v1_3         TS388_v2_3           TS023         FTBiot0119         85.63         45.79         39.84         TS023_v1_1         TS023_v2_3           TS139         DeepFold-refine         80.15         40.59         39.56         TS139_v1_4         TS139_v2_2           TS120         Cerebra         76.08         38.34         37.73         TS120_v1_4         TS120_v2_1							
TS269         CSSB_server         92.98         50.70         42.27         TS269_v1_1         TS269_v2_1           TS059         DeepFold         91.53         46.91         44.62         TS059_v2_3         TS059_v1_3           TS388         DeepFold-server         89.23         44.10         45.13         TS388_v1_3         TS388_v2_3           TS023         FTBiot0119         85.63         45.79         39.84         TS023_v1_1         TS023_v2_3           TS139         DeepFold-refine         80.15         40.59         39.56         TS139_v1_4         TS139_v2_2           TS120         Cerebra         76.08         38.34         37.73         TS120_v1_4         TS120_v2_1							
TS388         DeepFold-server         89.23         44.10         45.13         TS388_v1_3         TS388_v2_3           TS023         FTBiot0119         85.63         45.79         39.84         TS023_v1_1         TS023_v2_3           TS139         DeepFold-refine         80.15         40.59         39.56         TS139_v1_4         TS139_v2_2           TS120         Cerebra         76.08         38.34         37.73         TS120_v1_4         TS120_v2_1							
TS023     FTBiot0119     85.63     45.79     39.84     TS023_v1_1     TS023_v2_3       TS139     DeepFold-refine     80.15     40.59     39.56     TS139_v1_4     TS139_v2_2       TS120     Cerebra     76.08     38.34     37.73     TS120_v1_4     TS120_v2_1							
TS139         DeepFold-refine         80.15         40.59         39.56         TS139_v1_4         TS139_v2_2           TS120         Cerebra         76.08         38.34         37.73         TS120_v1_4         TS120_v2_1							
TS120 Cerebra 76.08 38.34 37.73 TS120_v1_4 TS120_v2_1							
15301 Cereura_server 00.11 32.77 33.33 15301_v1_1 15301_v2_1							
	10001	Gerebra_server	00.11	32.11	33.33	1 0001 V1_1	1 5501_V2_I

Supplementary Table S4: 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 S5: Results for T1239 GDT TS Two-State Score

	Supplementary	Table 55. Results	101 11200 G	DIIDIWO	Diate Score	
Group	Group_Name	$Two-State\_Score$	$V1\_GDT\_TS$	$V2\_GDT\_TS$	V1_Model	$V2\_Model$
			=0.04	10.00	TTG 100 0 0	ma
TS462	Zheng	119.79	70.81	48.98	TS462_v2_2	TS462_v1_1
TS235	isyslab-hust	114.17	71.31	42.85	$TS235_v2_4$	$TS235_v1_1$
TS419	CSSB-Human	114.04	71.10	42.94	$TS419_{v2}1$	TS419_v1_5
TS221	CSSB_FAKER	114.04	71.10	42.94	$TS221_v2_1$	TS221_v1_5
TS028	NKRNA-s	113.49	71.36	42.13	$TS028\_v2\_2$	TS028_v1_2
TS345	MULTICOM_human	113.32	71.23	42.09	$TS345_v1_4$	$TS345_v2_5$
TS051	MULTICOM	113.32	71.23	42.09	$TS051_v1_4$	$TS051_v2_5$
TS286	CSSB_experimental	112.64	69.87	42.77	TS286_v2_1	TS286_v1_2
TS208	falcon2	108.53	66.99	41.54	TS208_v1_4	TS208_v2_4
TS425	MULTICOM_GATE	107.68	63.22	44.46	TS425_v1_2	TS425_v2_4
TS019	Zheng-Server	106.22	54.02	52.20	TS019_v1_5	TS019_v2_5
TS022	Yang	105.14	60.72	44.42	TS022_v1_5	TS022_v2_4
TS204	Zou	104.76	61.23	43.53	$TS204_v1_5$	$TS204_v2_2$
TS110	MIEnsembles-Server	104.72	63.01	41.71	$TS110_{v1_1}$	$TS110_v2_2$
TS456	Yang-Multimer	104.50	60.21	44.29	$TS456_v1_3$	$TS456_v2_2$
TS147	Zheng-Multimer	103.35	56.27	47.08	$TS147_v1_3$	$TS147_v2_5$
TS167	OpenComplex	102.59	54.07	48.52	$TS167_v1_5$	TS167_v2_3
TS450	OpenComplex_Server	102.59	54.07	48.52	TS450_v1_5	$TS450_v2_3$
TS294	KiharaLab	101.71	59.58	42.13	$TS294_v1_1$	$TS294_v2_2$
TS314	GuijunLab-PAthreader	101.54	58.77	42.77	TS314_v2_5	TS314_v1_2
TS052	Yang-Server	100.05	55.93	44.12	TS052_v1_5	TS052_v2_2
TS481	Vfold	99.67	56.57	43.10	TS481_v2_5	TS481_v1_2
TS091	Huang-HUST	99.24	52.08	47.17	TS091_v1_5	TS091_v2_3
TS319	MULTICOM_LLM	98.53	55.64	42.89	TS319_v1_2	TS319_v2_5
TS262	CoDock	98.36	57.63	40.74	TS262_v1_2	TS262_v2_1
TS033	Diff	97.93	53.94	43.99	$TS033_v2_2$	TS033_v1_1
TS331	MULTICOM_AI	97.73	55.64	42.09	$TS331_v1_2$	$TS331_v2_2$
TS325	405	97.47	55.21	42.26	$TS325_v1_2$	$TS325_v2_2$
TS159	406	97.47	55.21	42.26	TS159_v1_2	$TS159_v2_2$
TS369	Bhattacharya	97.17	54.07	43.10	TS369_v1_4	$TS369_v2_4$
TS489	Fernandez-Recio	96.71	54.96	41.75	TS489_v1_3	TS489_v2_4
TS298	ShanghaiTech-human	96.00	61.74	34.26	TS298_v1_1	TS298_v2_1
TS212	PIEFold_human	95.91	55.21	40.69	TS212_v2_1	TS212_v1_3
TS241	elofsson	95.14	54.32	40.82	TS241_v1_1	TS241_v2_5
TS231	B-LAB	94.34	54.07	40.27	TS231_v2_1	TS231_v1_2
TS304	AF3-server	94.04	50.89	43.15	TS304_v2_5	TS304_v1_2
TS465	Wallner	92.97	48.14	44.84	$TS465_v1_4$	$TS465_v2_2$
TS358	PerezLab_Gators	92.78	54.96	37.82	$TS358_v2_2$	$TS358_v1_4$
TS293	MRAH	91.92	49.91	42.01	TS293_v1_2	TS293_v2_3
TS079	MRAFold	91.92	49.91	42.01	$TS079_v1_2$	TS079_v2_3
TS272	GromihaLab	91.33	50.09	41.24	$TS272_v1_1$	$TS272_v2_1$
TS423	ShanghaiTech-server	91.08	51.91	39.17	TS423_v2_4	TS423_v1_1
TS267	kiharalab_server	89.30	50.00	39.30	TS267_v1_1	TS267_v2_4
TS148	Guijunlab-Complex	88.53	48.94	39.59	TS148_v2_5	TS148_v1_4
TS287	plmfold	88.49	49.32	39.17	TS287_v1_3	TS287_v2_4
TS198	colabfold	88.11	50.34	37.77	TS198_v1_2	TS198_v2_1
TS375	milliseconds	87.73	47.16	40.57	TS375_v2_3	TS375_v1_4
TS112	Seder2024easy	86.88	48.09	38.79	TS112_v1_4	TS112_v2_5
TS014	Cool-PSP	86.84	49.49	37.35	$TS014_v2_3$	TS014_v1_3
TS301	GHZ-MAN	86.84	46.65	40.19	$TS301_{-}v2_{-}4$	$TS301_v1_1$
TS163	MultiFOLD2	86.72	48.39	38.33	TS163_v1_3	TS163_v2_3
TS040	DELCLAB	86.50	48.09	38.41	$TS040_v1_3$	$TS040_v2_3$
TS145	colabfold_baseline	86.46	47.67	38.79	$TS145_v1_2$	$TS145_v2_1$
TS023	FTBiot0119	86.46	47.67	38.79	TS023_v1_2	TS023_v2_1
TS264	GuijunLab-Human	86.20	47.54	38.66	TS264_v2_2	TS264_v1_5
	GuijunLab-Assembly				TS312_v2_4	TS312_v1_4
TS312		85.86	46.27	39.59		
TS122	MQA_server	85.78	46.65	39.13	TS122_v1_3	TS122_v2_2
TS139	DeepFold-refine	84.76	45.93	38.83	TS139_v1_6	TS139_v2_6
TS059	DeepFold	84.76	45.93	38.83	TS059_v1_6	TS059_v2_6
TS017	Seder2024hard	84.52	48.05	36.46	$TS017_v1_5$	$TS017_v2_4$
TS397	$smg\_ulaval$	84.13	45.00	39.13	$TS397_v1_1$	$TS397_v2_1$
TS164	McGuffin	83.83	45.47	38.37	$TS164_v2_2$	$TS164_v1_3$
TS015	PEZYFoldings	83.79	45.00	38.79	$TS015_v1_4$	$TS015_v2_1$
TS196	HYU_MLLAB	78.41	38.94	39.47	TS196_v1_2	TS196_v2_2
TS388	DeepFold-server	75.91	37.92	37.99	TS388_v1_3	TS388_v2_2
TS120	Cerebra	61.43	31.48	29.95	TS120_v1_3	TS120_v2_2
TS475	ptq	49.20	49.20	0.00	TS475_v2_1	N/A <sup>1</sup>
TS351	digiwiser-ensemble	48.73	24.45	24.28	TS351_v1_1	TS351_v2_1
TS269		48.18	48.18	0.00	$TS269_v2_4$	$N/A^1$
	CSSB_server					
TS075	CSSB_server GHZ-ISM	46.65	46.65	0.00	$TS075_v2_4$	$N/A^{1}$
	GHZ-ISM	46.65				$N/A^1$ $N/A^1$
TS284	GHZ-ISM Unicorn	46.65 $46.65$	46.65	0.00	$TS284\_v2\_4$	$N/A^1$
TS284 TS311	GHZ-ISM Unicorn RAGfold_Prot1	$46.65 \\ 46.65 \\ 42.25$	46.65 $42.25$	0.00 0.00	TS284_v2_4 TS311_v1_1	$N/A^1$ $N/A^1$
TS284	GHZ-ISM Unicorn	46.65 $46.65$	46.65	0.00	$TS284\_v2\_4$	$N/A^1$

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

Supplementary Table S6: Results for T1249 AvgDockQ Two-State Score

	Supplementary	Table So: Resul	ts 101 11249 A	rgDockQ Iwo	<i>y</i> -state score	
Group	Group_Name	Two-State-Score	$V1\_AvgDockQ$	$V2\_AvgDockQ$	$V1\_Model$	V2-Model
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	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_50
TS079	MRAFold Cool-PSP	0.78	$0.62 \\ 0.65$	$0.16 \\ 0.12$	TS079_v1_2o TS014_v1_1o	TS079_v2_50 TS014_v2_10
TS014 TS322	XGroup	0.77 0.76	0.49	0.12	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 TS301	MULTICOM_LLM GHZ-MAN	$0.64 \\ 0.64$	$0.46 \\ 0.50$	$0.18 \\ 0.14$	TS319_v2_3o TS301_v1_4o	TS319_v1_4o
TS267	kiharalab_server	0.64	0.48	0.14	TS267_v1_2o	TS301_v2_1o 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
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 MassiveFold	0.59	0.57	0.02	TS284_v2_1o	TS284_v1_2o
TS031 TS163	MultiFOLD2	0.56 0.55	$0.42 \\ 0.36$	$0.14 \\ 0.19$	TS031_v2_4o TS163_v1_3o	TS031_v1_5o TS163_v2_5o
TS494	ClusPro	0.55	0.35	0.19	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_50
TS196	HYU_MLLAB	0.07	0.01	0.05	TS196_v1_3o	TS196_v2_50
TS114 TS337	COAST APOLLO	0.04 0.03	$0.02 \\ 0.02$	$0.01 \\ 0.02$	TS114_v1_5o TS337_v1_1o	TS114_v2_1o TS337_v2_4o
TS139	DeepFold-refine	0.03	0.02	0.02	TS139_v1_4o	TS139_v2_3o
TS300	ARC	0.03	0.01	0.02	TS300_v1_2o	TS300_v2_2o
TS085	Bates	0.03	0.01	0.01	TS085_v1_5o	TS085_v2_4o
TS023	FTBiot0119	0.03	0.01	0.01	TS023_v1_3o	TS023_v2_1o
		0.02	0.01	0.01		

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

Supplementary Table S7: Results for R1203 Composite Score 4 Two-State Score

Group	Group_Name	Two-State_Score	V1_Composite_Score_4	V2_Composite_Score_4	V1_Model	V2_Model
TS304	AF3-server	85.08	50.07	35.01	TS304_v1_3	TS304_v2_2
TS241	elofsson	85.08	50.07	35.01	TS241_v1_3	$TS241_v2_2$
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 <sup>1</sup>	TS403_v2_1

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