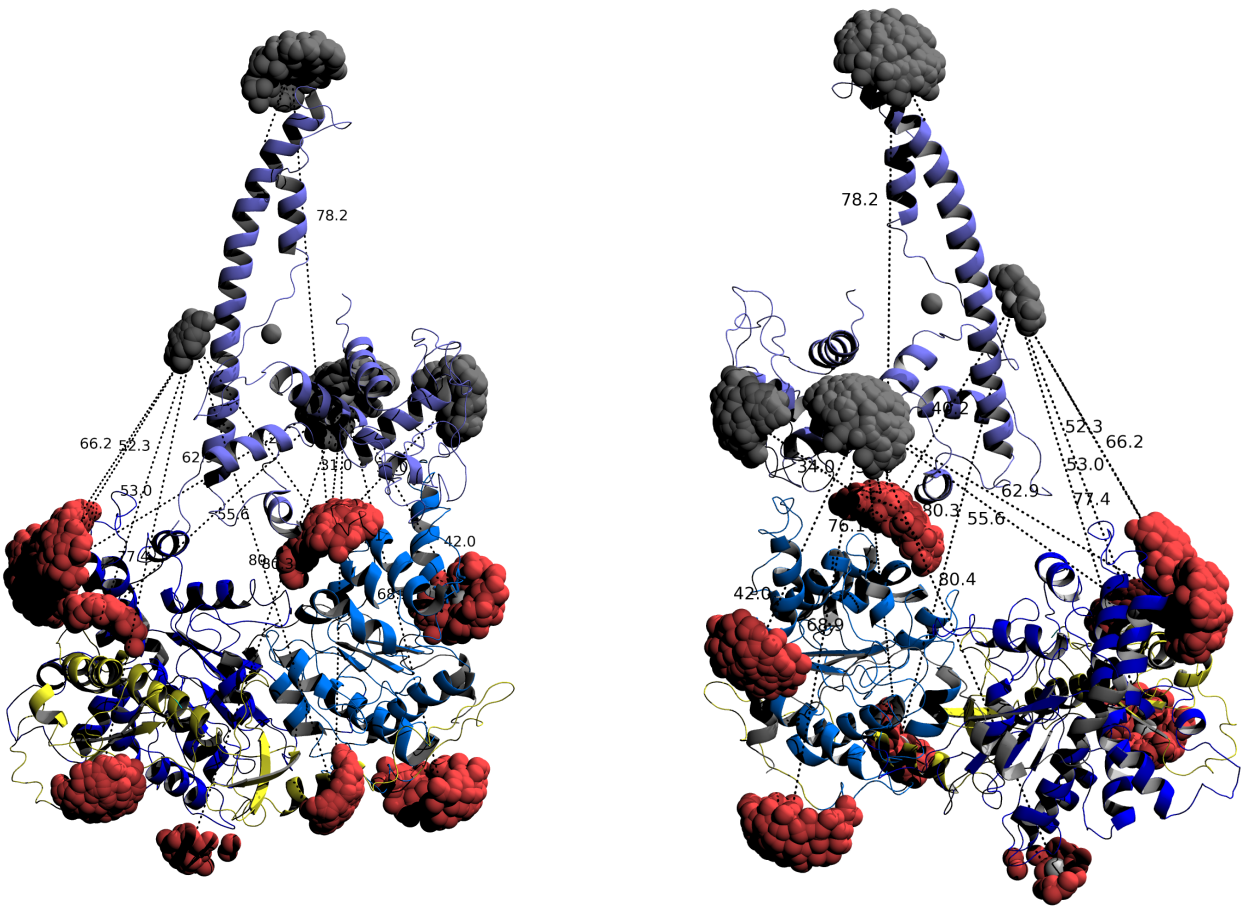


A



B

ATPase Lobe1 to DNABD				
Distance label	DNABD AA number	chromo-Helicase AA number	Experimental Modal Distance(Å)	Model-Modal-Distance(Å)
524-1063	1063	524	40.1	40.2
524-1149	1149	524	29	31
524-1159	1159	524	33	34
524-1091	1091	524	79	78.2
588-1149	1149	588	39	42
365-1149	1149	365	60	68.4
Chromo-domain to DNABD				
293-1149	1149	293	74	76.1
256-1063	1063	256	52	53.2
256-1149	1149	256	53	55.6
232-1063	1063	232	74	77.4
293-1063	1063	293	74	80.3
256-1072	1072	256	51	65
ATPase Lobe2 to DNABD				
632-1063	1063	632	41	52.8
632-1149	1149	632	58	62.9
647-1063	1063	647	59.5	52.3
759-1149	1149	759	74	80.4