Table S29. Detailed list of protein-protein binding free energy for each protein-proteincomplex in group-MultiProteins:DNA

	protein-protein binding free energy (kcal/mol)	protein-protein binding free energy (kJ/mol)	
1A02: F-J	-13.362505	-55.94613593	
1A02: F-N	-7.088587	-29.67849605	
1A02: N-J	-6.789815	-28.42759744	
1AKH: A-B	-9.211126	-38.56514234	
1AWC: A-B	-17.545782	-73.46068008	
1B72: A-B	-9.4	-39.35592	
1B8I: A-B	-7.895384	-33.05639373	
1CF7: A-B	-13.7021	-57.36795228	
1CQT: B-J	-9.049313	-37.88766367	
1D3U: A-B	-12.331	-51.6274308	
1DSZ: A-B	-5.167206	-21.63405808	
1FOS: G-H	-16.880608	-70.67572957	
1GT0:C-D	-5	-20.934	
1H8A			
1H9D:C-D	-17.12	-71.678016	
1HBX: A,B-G	-15.4725	-64.780263	
1HJB			
1IO4: A,B-D	-4.7	-19.67796	
1IO4: C-D	-15.7356	-65.88181008	
1JEY:A-B			(outlier)-165.486
1JFI: A-B	-50.105	-209.779614	
1JFI: A-C	-5.510958	-23.07327895	
1JFI: B-C	-12.866	-53.8673688	
1K6O: A-B	-5.0037	-20.94949116	
1K78: A,I-B	-6.323	-26.4731364	
1LB2:A-B	-6.569544	-27.50536682	
1LE5: A-B	-13.849224	-57.98393104	
1LE8: A-B	-10.0738	-42.17698584	
1MDM: A-B	-5.9408	-24.87294144	
1MNM: A,B-C,D	-15.211	-63.6854148	
1N6J: A,B-G			
1NGM: A-B	-25.416336	-106.4131156	
1NH2: A-C,D	-15.014	-62.8606152	
1NKP: A-B	-27.181874	-113.8050701	
1NLW: A-B	-23.057724	-96.53807884	
1O4X: A-B	-4.8122	-20.14771896	
1OUZ: A-B	-59.569	-249.4034892	
1PUF:A-B	-8.3709	-35.04728412	
1R0O: A-B	-6.480111	-27.13092873	
1RIO: H-B	-6.242602	-26.13652605	
1RZR: A,D-S,Y	-14.683422	-61.47655123	
1T2K: B-C	-4.77	-19.971036	
1T2K: A-D	-6.0956	-25.52105808	
1TQE: R,S-Y	-15.056488	-63.03850396	
1X9M: A-B	-20.981586	-87.84570426	
1XS9: A-D	-10.216332	-42.77373882	
1YNW: A-B	-4.7	-19.67796	
2AS5: F-N	-5.879633	-24.61684744	
2BSQ: A-E	-24.95	-104.46066	
2F8X: K-M	-8.467	-35.4496356	
2F8X: M-C	-15.712565	-65.78536714	
2F8X: K-C	-15.531004	-65.02520755	
2FO1: A-E	-25.444553	-106.5312545	
2NLL: A-B	-5.494899	-23.00604313	