

Table S24. Detailed list of protein-DNA energy binding affinity, overlapping volume and number of atoms in collision for each complex in group-MultiProteins:DNA

	<u>Protein-DNA energy binding</u> affinity (kcal/mol)	<u>Protein-DNA energy</u> binding affinity (kJ/mol)	Overlapping volume	# Atoms in collision
1A02	-9.78	-40.946904	1.78	37
1AKH	-8.97	-37.555596	4.255	30
1AWC	-7.52	-31.484736	0.999	19
1B72	-8.84	-37.011312	3.264	25
1B8I	-8.63	-36.132084	5.265	23
1CF7	-8.09	-33.871212	1.389	17
1CQT	-9.24	-38.686032	2.859	35
1D3U	-12.07	-50.534676	2.225	25
1DSZ	-8.69	-36.383292	0.571	20
1FOS	-7.79	-32.615172	0	0
1GT0	-11.4	-47.72952	5.307	49
1H8A	-10.4	-43.54272	2.619	17
1H9D	-6.89	-28.847052	1.507	13
1HBX	-11.76	-49.236768	12.341	66
1HJB	-9.99	-41.826132	5.027	32
1IO4	-10.04	-42.035472	4.773	25
1JEY	-9.04	-37.848672	2.414	18
1JFI	-11.09	-46.431612	1.576	18
1K6O	-10.91	-45.677988	3.228	42
1K78	-12.37	-51.790716	2.092	38
1LB2	-8.26	-34.582968	3.617	31
1LE5	-8.98	-37.597464	8.662	62
1LE8	-8.55	-35.79714	3.291	17
1MDM	-11.2	-46.89216	3.409	32
1MNM	-11.87	-49.697316	3.601	36
1N6J	-7.67	-32.112756	9.375	92
1NGM	-9.77	-40.905036	1.129	12
1NH2	-9.48	-39.690864	0.941	9
1NKP	-8.42	-35.252856	3.45	20
1NLW	-8.18	-34.248024	2.717	20
1O4X	-10.48	-43.877664	33.869	171
1OUZ	-9.98	-41.784264	2.944	31
1PUF	-9.71	-40.653828	2.552	27
1R0O	-8.82	-36.927576	2.534	25
1RIO	-10.03	-41.993604	3.592	35
1RZR	-9.06	-37.932408	6.163	38
1T2K	-12.23	-51.204564	6.621	39
1TQE	-7.98	-33.410664	1.179	14
1X9M	-8.61	-36.048348	2.788	29
1XS9	-8.42	-35.252856	16.36	87
1YNW	-8.6	-36.00648	3.964	27
2AS5	-9.27	-38.811636	3.745	26
2BSQ	-6.46	-27.046728	2.312	8
2F8X	-7.52	-31.484736	0.55	10
2FO1	-7.31	-30.605508	1.055	10
2NLL	-8.61	-36.048348	2.225	18