

Table S27. Detailed list of protein-DNA energy binding affinity, overlapping volume and number of atoms in collision for each complex in group-SingleSameProtein:DNA

	<u>Protein-DNA energy</u> <u>binding affinity</u> <u>(kcal/mol)</u>	<u>Protein-DNA energy</u> <u>binding affinity</u> <u>(kJ/mol)</u>	<u>Overlapping</u> <u>volume</u>	<u># Atoms in</u> <u>collision</u>
1A66	-7.72	-32.322096	-	-
2H7H	-7.94	-33.243192	2.45	16
1LFU	-7.36	-30.814848	-	-
1TGH	-9.74	-40.779432	11.791	55
1GU4	-8.45	-35.37846	1.211	19
1BC8	-7.54	-31.568472	0.824	11
1Y05	-7.65	-32.02902	0.679	15
2RAM	-7.96	-33.326928	2	15
1K61	-8	-33.4944	1.38	14
1YTB	-9.59	-40.151412	0	0
1TTU	-7.75	-32.4477	2.567	18
1P7H	-7.39	-30.940452	2.513	15
1KB2	-7.4	-30.98232	1.112	10
1U8B	-6.44	-26.962992	1.807	14
1KU7	-6.75	-28.2609	1.011	8
1C7U	-8.36	-35.001648		
9ANT	-7.1	-29.72628	3.037	7