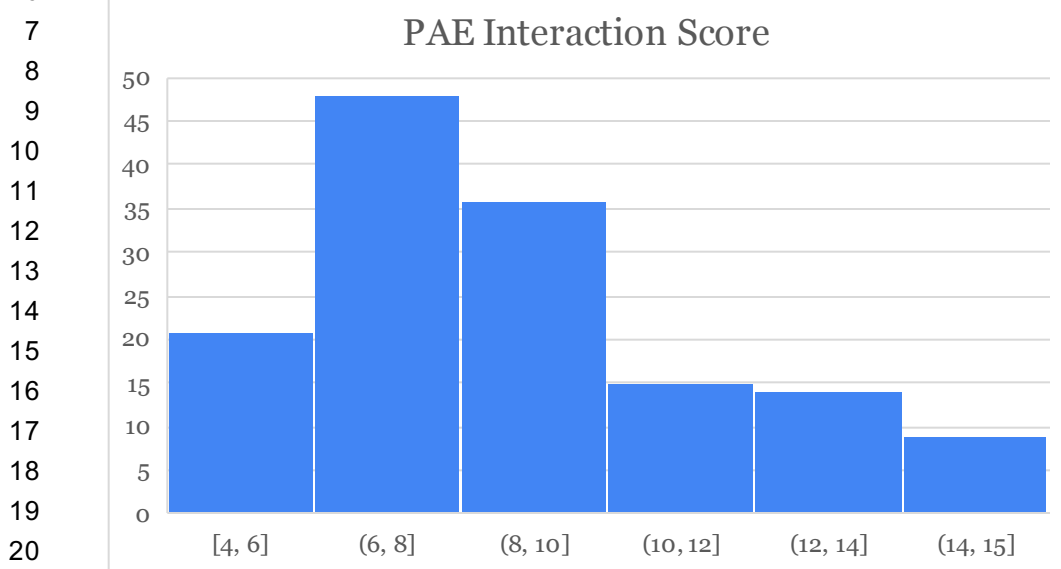
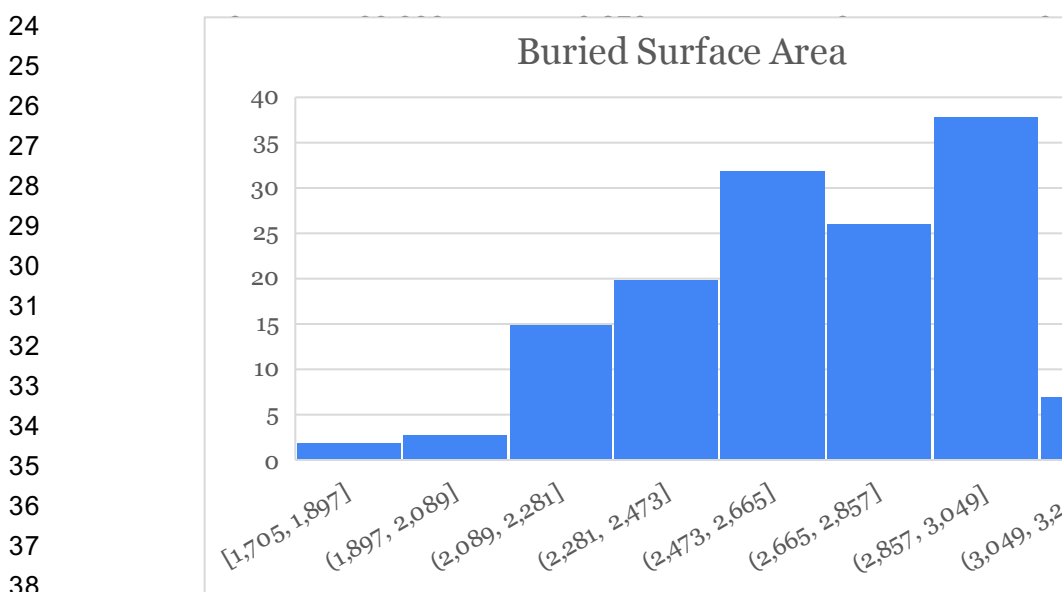


	pae_interaction	total_score	complex_norma	dG_cross	dG_cross/dSAS
0	12	-95.557	-0.729	0	0
1	6	-52.016	-0.441	0	0
2	14	-96.566	-0.894	0	0
3	14	-84.767	-0.815	0	0
4	13	-62.685	-0.58	0	0
5	5	-76.881	-0.845	0	0
6	6	-92.076	-0.98	0	0



21	9	-147.607	-1.33	0	0
22	8	-63.993	-0.516	0	0
23	5	-102.825	-0.952	0	0



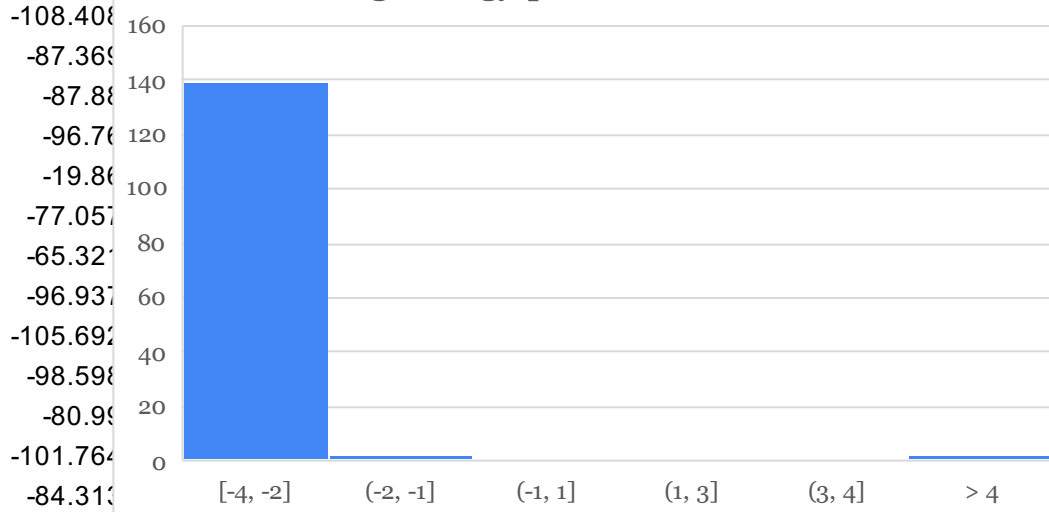
39	5	-42.818	-0.446	0	0
40	12	-38.871	-0.374	0	0
41	6	-89.591	-0.943	0	0
42	7	-161.918	-1.306	0	0
43	9	-84.688	-0.882	0	0

44	5	-89.341	-0.95	0	0
45	13	-108.533	-0.96	0	0
46	7	-23.417	-0.23	0	0
47	9	-112.476	-1.092	0	0
48	7	-139.975	-1.273	0	0
49	10	-128.658	-1.149	0	0
50	8	-56.373	-0.547	0	0
51	5	-52.966	-0.582	0	0
52	14	-21.481	-0.178	0	0
53	6	-64.291	-0.706	0	0
54	6	-89.63	-0.854	0	0
55	11	-121.945	-1.079	0	0
56	7	-89.269	-0.902	0	0
57	8	-52.473	-0.535	0	0
58	9	-45.999	-0.39	0	0
59	9	-120.991	-1.08	0	0
60	5	-85.824	-0.894	0	0
61	8	-165.205	-1.332	0	0
62	8	-30.863	-0.3	0	0
63	9	-121.626	-1.106	0	0
64	8	-43.326	-0.405	0	0
65	6	-112.966	-1.066	0	0
66	4	-97.294	-1.035	0	0
67	6	-90.149	-0.875	0	0
68	7	-97.837	-0.932	0	0
69	8	-77.14	-0.756	0	0
70	11	-117.901	-1.179	0	0
71	6	-105.497	-0.872	0	0
72	5	-12.309	-0.114	0	0
73	6	-96.986	-1.01	0	0
74	5	-31.769	-0.308	0	0
75	9	-7.474	-0.076	0	0
76	5	-99.144	-0.862	0	0
77	6	885.546	9.421	0	0
78	12	-49.572	-0.545	0	0
79	9	-93.295	-0.818	0	0
80	8	-34.831	-0.308	0	0
81	6	-80.829	-0.785	0	0
82	5	-59.33	-0.605	0	0
83	12	-101.871	-0.918	0	0
84	6	-100.38	-1.046	0	0
85	6	-85.817	-0.766	0	0
86	6	28.226	0.288	0	0
87	7	-140.691	-1.091	0	0
88	7	-125.104	-1.158	0	0
89	6	-63.153	-0.607	0	0
90	13	-23.468	-0.258	0	0
91	12	-106.376	-0.858	0	0
92	6	-47.099	-0.396	0	0
93	5	-87.396	-0.824	0	0
94	8	-79.309	-0.785	0	0
95	5	6.575	0.067	0	0

96	8	-103.508	-1.046	0	0
97	6	-57.826	-0.59	0	0
98	11	251.554	2.114	0	0
99	9	-31.012	-0.316	0	0
100	7	-102.766	-0.864	0	0
101	6	-55.97	-0.56	0	0
102	8	-90.772	-0.936	0	0
103	6	-107.845	-1.185	0	0
104	9	-43.015	-0.468	0	0
105	13	-75.832	-0.622	0	0
106	10	-95.31	-0.953	0	0
107	6	-118.44	-1.004	0	0
108	14	-90.884	-0.918	0	0
109	8	-116.88	-0.95	0	0
110	8	-105.633	-1.056	0	0
111	15	-82.08	-0.846	0	0
112	7	-121.727	-1.148	0	0
113	5	-12.192	-0.113	0	0
114	10	-14.319	-0.129	0	0
115	7	-100.675	-0.968	0	0
116	6	-34.846	-0.356	0	0
117	6	-119.192	-1.094	0	0
118	7	-118.639	-1.175	0	0
119	15	246.029	2.46	0	0
120	7	56.714	0.469	0	0
121	10	9.178	0.098	0	0
122	5	-48.679	-0.502	0	0
123	6	-130.202	-1.059	0	0
124	7	-93.84	-0.977	0	0
125	4	-160.465	-1.486	0	0
126	5	-76.944	-0.846	0	0
127	10	-69.81	-0.743	0	0
128	10	259.161	2.787	0	0
129	7	-99.417	-0.947	0	0
130	14	-127.147	-1.042	0	0
131	14	-120.916	-0.952	0	0
132	8	-96.417	-0.984	0	0
133	10	-97.027	-0.758	0	0
134	5	-79.801	-0.798	0	0
135	10	-108.116	-1.04	0	0
136	9	-66.219	-0.649	0	0
137	8	-96.869	-1.009	0	0
138	10	-94.348	-0.993	0	0
139	9	-166.608	-1.312	0	0
140	6	-120.362	-1.094	0	0
141	9	-98.456	-0.995	0	0
142	6	-26.668	-0.249	0	0

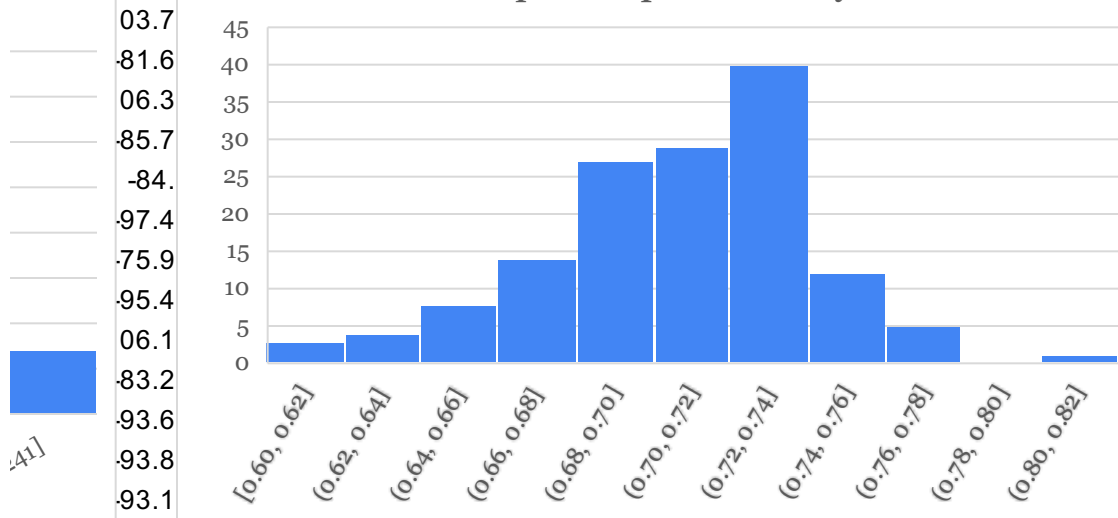
dG_separated	dG_separated/c	dSASA_hphob	dSASA_int	dSASA_polar	delta_unsatHbo
-74.111	-3.343	1351.959	2216.823	864.865	14
-99.047	-3.293	2112.389	3008.008	895.619	11
-92.002	-3.697	1566.96	2488.247	921.287	13
-94.48	-3.755	1549.666	2515.883	966.218	11
-77.707	-3.38	1343.231	2298.865	955.633	14
-92.503	-3.718	1424.508	2487.806	1063.297	14
-103.249	-3.487	1903.288	2960.75	1057.462	14

Binding Energy per Buried Surface Area



-84.311	-3.272	1768.422	2863.459	1095.038	12
-93.689	-3.272	1768.422	2863.459	1095.038	16
-92.97	-3.449	1778.679	2695.901	917.222	11
-108.064	-3.576	1940.087	3021.741	1081.654	29

Shape Complementarity



-82.585	-3.189	1408.382	2589.844	1181.463	20
-85.818	-3.414	1605.492	2513.767	908.274	9
-82.703	-3.395	1425.852	2436.312	1010.46	16
-89.88	-3.301	1765.441	2722.881	957.439	11
-96.557	-3.491	1814.759	2765.555	950.796	17
-91.269	-3.634	1247.767	2511.615	1263.848	21

-95.826	-3.347	1845.531	2863.43	1017.899	10
-76.857	-3.677	1160.932	2090.228	929.296	10
-85.664	-4.022	1529.295	2130.065	600.77	10
-107.957	-3.806	1852.16	2836.287	984.127	13
-97.713	-3.225	1951.33	3029.971	1078.641	25
-93.337	-3.017	2015.676	3093.744	1078.068	18
-76.615	-3.375	1376.895	2270.283	893.388	23
-98.441	-3.207	2060.471	3069.539	1009.067	15
-81.72	-3.672	1263.202	2225.774	962.573	12
-105.501	-3.62	1917.863	2914.403	996.54	16
-84.537	-3.368	1617.512	2509.839	892.327	17
-86.259	-3.26	1574.135	2646.214	1072.079	11
-94.609	-3.34	1794.028	2832.253	1038.225	11
-89.771	-3.265	1760.756	2749.899	989.143	16
-90.709	-3.78	1518.734	2399.57	880.835	10
-96.513	-3.486	1798.677	2768.607	969.93	20
-105.912	-3.722	1955.395	2845.38	889.985	17
-111.163	-3.596	2040.148	3091.041	1050.893	22
-98.594	-3.434	1890.411	2871.349	980.938	8
-79.184	-3.418	1446.412	2316.861	870.45	13
-93.679	-3.647	1747.635	2568.45	820.816	12
-93.098	-3.367	1764.979	2764.979	1000	18
-92.734	-3.049	1894.208	3041.474	1147.265	19
-97.452	-3.171	2132.735	3073.135	940.4	14
-84.279	-3.533	1428.309	2385.696	957.387	11
-96.956	-3.256	1808.097	2977.562	1169.466	15
-89.689	-3.732	1423.214	2403	979.786	10
-94.303	-3.061	1926.896	3081.045	1154.148	15
-97.668	-3.369	1767.093	2898.897	1131.804	14
-100.139	-3.535	1760.88	2832.957	1072.077	9
-101.69	-3.83	1742.477	2655.368	912.891	18
-99.232	-3.448	1897.238	2877.712	980.473	14
-105.126	-3.474	1806.002	3026.366	1220.364	15
863.007	26.625	2215.619	3241.363	1025.744	13
-91.515	-3.574	1722.945	2560.348	837.402	17
-94.592	-4.192	1341.21	2256.678	915.469	14
-80.414	-3.323	1407.031	2420.043	1013.012	23
-96.139	-3.306	1814.477	2908.105	1093.628	15
-97.612	-3.472	1534.864	2811.804	1276.94	20
-81.855	-3.401	1450.648	2407.054	956.406	14
-113.222	-3.852	1931.214	2939.452	1008.238	19
-102.345	-3.572	1746.289	2865.175	1118.886	23
-96.384	-3.351	1790.309	2875.843	1085.534	20
-95.009	-3.304	1931.085	2875.47	944.386	14
-103.971	-3.639	1766.059	2857.346	1091.287	14
-100.675	-3.367	1969.94	2990.339	1020.399	18
-91.681	-3.886	1478.794	2359.549	880.755	13
-80.282	-3.571	1296.619	2247.905	951.286	9
-106.74	-3.698	1786	2886.714	1100.714	20
-78.203	-3.265	1431.204	2395.304	964.1	11
-94.834	-3.635	1720.323	2609.171	888.848	11
-80.075	-3.024	1598.276	2648.204	1049.928	15

-99.821	-3.895	1659.446	2562.827	903.381	13
-93.395	-3.573	1744.478	2614.169	869.69	16
218.092	8.719	1506.788	2501.21	994.422	18
-85.948	-3.416	1434.874	2516.282	1081.408	15
-98.271	-3.198	1734.973	3072.457	1337.483	28
-76.835	-3.211	1361.351	2393.194	1031.842	10
-98.322	-3.488	1846.783	2818.664	971.881	16
-102.754	-3.777	1780.679	2720.358	939.679	19
-79.161	-3.231	1526.152	2449.965	923.813	16
-77.058	-3.272	1317.491	2354.709	1037.219	12
-89.65	-3.598	1505.678	2491.667	985.989	12
-98.899	-3.354	1751.568	2948.33	1196.761	18
-71.778	-3.432	1227.79	2091.498	863.708	12
-101.518	-3.55	1775.247	2859.623	1084.376	22
-93.925	-3.226	1941.644	2911.349	969.705	11
-75.672	-4.128	1079.932	1833.232	753.3	17
-80.158	-3.913	1136.22	2048.731	912.512	12
-102.645	-3.592	1808.379	2857.521	1049.141	19
-82.071	-3.631	1355.883	2260.354	904.471	16
-100.641	-3.388	1900.896	2970.753	1069.857	18
-96.189	-3.587	1800.095	2681.708	881.614	13
-89	-3.14	1920.561	2834.617	914.056	11
-87.464	-3.665	1368.773	2386.782	1018.009	8
-93.634	-3.557	1817.404	2632.485	815.081	10
-101.942	-3.349	2111.331	3044.142	932.811	15
-81.35	-3.261	1557.541	2494.953	937.412	13
-103.524	-3.563	1877.299	2905.753	1028.454	21
-103.064	-3.643	1856.248	2828.969	972.721	13
-89.556	-3.409	1645.962	2626.793	980.831	16
-85.873	-2.934	1855.802	2926.773	1070.971	18
-93.457	-3.145	1980.971	2971.766	990.795	17
-91.87	-3.506	1551.05	2620.143	1069.094	18
-32.395	-1.9	1074.913	1705.376	630.464	9
-77.74	-3.19	1450.776	2436.642	985.866	12
-87.396	-3.681	1306.407	2374.171	1067.764	14
-85.142	-4.15	1114.76	2051.554	936.794	11
-74.051	-3.271	1253.219	2263.968	1010.749	13
-109.802	-3.605	1788.734	3046.076	1257.342	13
-100.641	-3.365	1860.091	2991.068	1130.976	24
-102.511	-3.881	1415.643	2641.047	1225.405	11
-104.606	-3.774	1804.031	2771.428	967.397	16
-89.535	-3.272	1849.144	2736.71	887.567	11
-96.107	-3.857	1728.536	2491.741	763.205	10
-84.602	-3.987	1120.133	2122.115	1001.982	15
-113.057	-3.859	2000.645	2929.684	929.039	18
-108.449	-4.138	1546.844	2620.633	1073.79	11
-87.894	-2.992	1851.33	2938.038	1086.708	16

dslf_fa13	fa_atr	fa_dun	fa_elec	fa_intra_rep	fa_intra_sol_xo\
0	-709.688	346.825	-259.755	1.257	48.598
0	-638.966	298.84	-202.32	1.071	37.572
0	-569.844	253.182	-188.737	0.992	33.963
0	-553.132	246.496	-193.837	0.871	32.018
0	-562.768	235.002	-181.842	1.243	32.845
0	-480.007	209.341	-164.787	0.933	32.123
0	-490.637	166.408	-133.649	0.734	21.447
0	-599.153	470.543	-216.764	1.139	44.968
0	-499.055	182.672	-134.298	0.828	22.68
0	-710.45	285.182	-202.008	1.055	34.688
0	-520.553	299.943	-195.45	0.959	40.275
0	-530.284	242.465	-172.19	0.991	32.976
0	-497.279	246.087	-147.57	0.951	32.612
0	-656.496	276.761	-193.053	1.126	31.242
0	-588.783	262.286	-196.895	0.968	40.502
0	-658.908	209.055	-193.396	1.016	27.227
0	-559.39	184.199	-176.375	0.793	22.784
0	-485.261	181.502	-125.056	0.865	22.664
0	-651.546	264.826	-231.542	1.206	34.508
0	-579.776	309.404	-213.917	1.03	44.989
0	-537.174	245.289	-173.768	0.879	28.91
0	-536.815	159.208	-169.869	0.863	20.997
0	-649.375	257.668	-177.257	0.949	34.756
0	-574.445	194.564	-164.633	1.099	23.254
0	-646.54	314.231	-209.997	1.098	43.651
0	-581.315	270.865	-194.438	1.036	37.73
0	-682.84	267.004	-220.41	1.151	38.265
0	-591.363	244.405	-197.224	0.932	31.37
0	-523.926	263.123	-184.72	0.95	39.032
0	-565.751	224.305	-185.94	0.925	34.723
0	-474.822	207.073	-176.475	1.015	27.532
0	-611.396	302.559	-207.411	1.249	39.501
0	-503.783	197.24	-144.807	1.037	26.855
0	-479.139	119.221	-125.43	0.71	17.623
0	-641.51	336.397	-208.487	1.234	45.741
0	-721.91	405.762	-242.812	1.259	49.946
0	-615.286	305.819	-220.251	0.999	39.337
0	-516.778	170.744	-142.298	0.895	26.166
0	-614.012	280.745	-216.368	1.065	39.885
0	-508.676	239.17	-160.393	0.763	29.997
0	-560.581	298.695	-193.815	1.261	39.968
0	-514.632	216.748	-163.306	0.92	29.428
0	-700.207	254.991	-207.523	1.214	31.683
0	-494.376	184.624	-141.984	0.943	27.469

0	-499.137	189.378	-152.548	1	29.307
0	-610.161	279.939	-224.431	0.992	39.947
0	-535.29	300.683	-197.777	0.945	44.596
0	-539.693	177.529	-151.476	0.775	23.971
0	-619.36	213.896	-173.574	0.945	27.097
0	-580.899	198.907	-180.66	0.953	27.007
0	-532.888	255.609	-172.826	1.069	35.074
0	-460.458	176.552	-111.274	0.761	24.566
0	-630.915	364.85	-248.796	1.084	43.727
0	-519.188	222.453	-160.051	0.957	31.559
0	-549.868	236.464	-171.559	0.916	29.493
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0	-524.393	245.898	-177.153	0.963	33.92
0	-619.941	328.969	-221.458	1.138	44.63
0	-567.49	178.341	-153.424	0.796	23.69
0	-494.169	198.453	-148.347	0.824	26.237
0	-671.553	210.458	-179.569	0.863	27.97
0	-548.588	243.514	-181.419	1.021	31.848
0	-578.744	238.867	-206.653	0.922	32.482
0	-569.501	268.554	-188.018	1.012	33.084
0	-533.577	195.126	-165.693	0.864	24.637
0	-517.191	192.828	-152.895	0.899	27.485
0	-561.191	217.814	-151.596	0.905	25.408
0	-551.766	230.019	-196.903	1.182	31.807
0	-573.144	271.571	-187.173	0.934	31.529
0	-536.015	211.287	-181.212	0.851	24.105
0	-655.515	275.448	-185.16	1.253	34.288
0	-577.075	278.043	-184.573	0.894	35.339
0	-521.44	213.576	-180.744	0.821	30.427
0	-569.559	269.287	-182.136	1.006	28.878
0	-491.985	251.138	-146.826	1.004	26.891
0	-630.254	271.283	-204.741	0.968	36.087
0	-520.131	209.616	-160.533	0.862	24.892
0	-488.845	231.25	-147.651	1.127	29.288
0	-601.958	276.211	-222.43	0.985	40.351
0	-573.596	290.388	-201.621	0.967	36.9
0	-534.587	218.889	-170.045	0.944	29.775
0	-532.884	261.504	-174.626	0.996	30.368
0	-574.48	233	-168.824	0.922	31.259
0	-528.135	197.921	-168.551	0.882	26.585
0	-585.693	258.203	-192.605	0.905	32.792
0	-532.618	249.165	-174.161	0.828	31.803
0	-688.436	259.232	-233.803	1.057	36.255
0	-583.614	208.421	-194.903	0.774	29.917
0	-555.123	245.502	-161.023	0.953	30.055
0	-441.028	223.152	-135.09	0.796	33.563
0	-699.708	352.971	-257.947	1.249	45.621
0	-653.76	342.942	-232.729	1.223	46.493
0	-552.858	225.96	-171.676	0.917	26.436
0	-551.115	223.256	-162.696	0.891	31.328
0	-517.445	261.201	-149.24	0.976	33.164



0	-526.801	219.016	-159.669	1.024	27.673
0	-531.507	255.227	-169.09	1.084	31.615
0	-646.391	350.063	-249.425	1.035	45.213
0	-507.047	242.536	-170.213	1.024	34.99
0	-637.358	304.42	-232.248	1.494	37.448
0	-529.611	260.355	-183.216	1.284	27.903
0	-518.376	187.212	-154.707	0.836	26.034
0	-497.657	185.341	-158.042	0.824	25.266
0	-473.952	201.285	-142.517	0.755	27.474
0	-630.59	324.759	-232.23	1.09	43.53
0	-556.961	236.939	-172.992	0.974	29.377
0	-655.823	285.743	-253.867	1.01	35.459
0	-535.548	259	-192.498	1.039	35.257
0	-640.01	232.004	-176.428	1.164	32.412
0	-524.221	204.172	-138.827	0.88	25.876
0	-510.352	196.257	-127.106	0.921	26.798
0	-581.984	225.403	-181.191	1.062	27.56
0	-551.63	267.782	-160.108	0.878	26.627
0	-583.621	300.603	-198.262	1.086	40.85
0	-549.431	200.96	-162.734	0.856	29.491
0	-522.164	257.909	-165.252	0.988	38.467
0	-604.215	240.294	-188.781	0.961	34.053
0	-552.589	235.006	-205.755	0.874	32.157
0	-510.828	171.515	-139.609	1.467	24.946
0	-642.017	359.895	-179.389	1.11	43.095
0	-487.714	290.187	-198.437	1.003	42.461
0	-511.66	234.813	-167.325	0.841	33.896
0	-649.306	256.9	-201.89	0.917	32.634
0	-525.804	220.173	-165.969	0.895	24.154
0	-579.211	185.076	-171.865	0.835	24.879
0	-491.994	181.592	-136.467	0.88	31.683
0	-492.993	179.128	-122.959	0.78	25.725
0	-403.138	229.42	-122.216	0.861	30.045
0	-573.184	245.646	-192.656	1.035	36.112
0	-628.694	229.394	-207.54	1.063	33.6
0	-669.122	268.304	-227.853	0.986	31.822
0	-535.655	234.008	-185.184	0.837	26.767
0	-690.214	280.135	-198.75	1.155	41.531
0	-558.356	225.922	-169.953	0.901	29.626
0	-564.524	252.566	-223.552	1.058	39.278
0	-551.894	261.581	-190.649	0.832	32.04
0	-524.147	216.283	-166.925	0.801	27.59
0	-490.467	173.217	-136.236	0.82	22.785
0	-673.358	262.739	-270.18	1.016	35.872
0	-570.723	197.229	-172.405	0.814	26.136
0	-525.421	206.269	-148.155	1.116	21.992
0	-574.397	281.684	-185.19	0.887	35.689

fa_rep	fa_sol	hbond_E_fracti	hbond_bb_sc	hbond_lr_bb	hbond_sc
69.139	542.398	0.162	-19.602	-5.438	-19.919
65.041	462.364	0.109	-9.345	-7.385	-12.83
58.3	400.007	0.133	-10.786	-5.928	-15.633
52.159	419.801	0.152	-5.454	-9.771	-13.103
57.028	400.923	0.171	-9.804	-6.949	-11.399
45.892	348.672	0.157	-14.458	-6.644	-12.738
55.242	304.582	0.131	-3.78	-14.765	-5.382
86.984	455.976	0.127	-12.132	-6.669	-8.634
53.061	300.577	0.145	-4.284	-11.146	-6.889
85.86	462.414	0.106	-10.451	-8.512	-10.356
58.185	425.99	0.167	-8.247	-8.729	-12.845
49.904	374.297	0.167	-14.068	-6.163	-14.427
142.014	341.163	0.813	-11.977	-10.862	-11.608
62.694	444.028	0.195	-11.201	-7.622	-12.386
55.497	457.42	0.143	-12.456	-6.708	-11.965
75.455	387.891	0.1	-12.918	-6.431	-6.602
56.916	369.472	0.12	-8.69	-13.654	-12.574
51.629	299.854	0.122	-7.499	-6.803	-9.437
67.013	479.033	0.188	-12.244	-5.702	-16.038
57.983	442.373	0.167	-10.083	-7.897	-16.234
51.744	377.612	0.162	-16.54	-6.171	-12.082
59.689	357.076	0.154	-11.268	-6.542	-9.272
69.894	436.991	0.141	-6.233	-11.804	-10.533
73.413	346.793	0.117	-8.898	-10.138	-5.346
62.79	495.618	0.116	-11.239	-7.675	-19.287
56.622	427.495	0.163	-15.738	-9.273	-10.786
67.332	465.924	0.141	-14.719	-6.213	-14.816
61.744	398.456	0.117	-8.432	-12.429	-8.238
50.607	410.855	0.161	-17.06	-6.203	-15.374
59.095	410.508	0.153	-11.93	-6.303	-11.49
47.934	334.688	0.171	-12.993	-7.929	-14.891
67.832	452.455	0.176	-13.378	-8.14	-12.121
58.124	324.463	0.082	-8.264	-7.974	-8.205
58.367	287.411	0.156	-13.542	-11.4	-1.665
64.709	510.977	0.183	-14.127	-6.635	-21.881
72.151	524.065	0.162	-15.2	-6.126	-23.46
59.419	433.164	0.173	-10.067	-6.976	-28.136
56.109	319.017	0.113	-13.751	-6.911	-3.704
61.219	450.084	0.151	-12.971	-7.163	-18.249
53.691	363.578	0.112	-12.895	-6.957	-3.76
57.904	400.016	0.111	-11.599	-8.055	-13.358
53.205	343.188	0.098	-13.938	-6.515	-9.485
76.619	449.357	0.101	-8.163	-8.181	-12.154
50.205	331.494	0.189	-15.184	-9.291	-10.174

51.999	346.802	0.114	-14.636	-6.837	-4.635
64.365	460.934	0.206	-12.396	-7.732	-20.385
49.14	419.306	0.088	-10.069	-6.621	-24.59
68.865	355.499	0.124	-6.563	-15.035	-4.535
61.902	400.195	0.144	-11.255	-7.121	-9.092
54.261	403.401	0.127	-11.74	-7.353	-12.588
49.165	393.684	0.105	-11.6	-8.1	-7.201
47.405	298.504	0.094	-5.915	-9.387	-3.012
59.583	507.689	0.168	-15.055	-6.086	-23.178
51.463	365.918	0.103	-11.437	-8.951	-8.589
53.904	381.189	0.1	-8.492	-7.582	-10.291
57.372	415.311	0.135	-7.273	-6.339	-19.111
72.669	364.882	0.184	-13.425	-9.482	-12.721
57.012	381.465	0.112	-12.134	-7.123	-15.428
59.256	476.725	0.135	-11.807	-6.826	-12.692
56.107	347.149	0.127	-7.304	-9.646	-6.795
50.064	331.609	0.118	-8.216	-12.046	-6.268
77.42	401.888	0.105	-7.358	-6.635	-9.686
116.854	390.255	0.12	-12.355	-10.506	-10.001
55.66	435.207	0.148	-9.442	-9.486	-22.23
58.531	410.68	0.104	-7.785	-6.295	-7.207
58.259	357.068	0.177	-11.408	-8.475	-13.865
52.821	363.665	0.126	-10.965	-7.194	-10.972
64.326	366.416	0.084	-14.851	-5.481	-4.062
56.536	408.372	0.153	-13.754	-7.436	-13.042
56.41	395.428	0.145	-9.445	-6.641	-14.622
51.561	383.97	0.154	-6.988	-8.907	-14.379
76.032	428.913	0.134	-10.117	-6.328	-13.797
93.432	431.014	0.153	-14.115	-9.179	-10.557
55.24	374.621	0.162	-17.888	-6.942	-10.67
64.951	383.019	0.124	-11.509	-11.85	-7.943
53.019	348.5	0.15	-8.298	-8.589	-8.801
67.602	439.054	0.175	-9.794	-6.276	-27.501
1034.439	335.082	-0.015	-10.707	-18.99	-4.26
47.265	337.111	0.136	-14.872	-9.292	-12.624
62.112	452.871	0.152	-15.328	-7.239	-10.655
55.387	444.585	0.123	-13.982	-7.876	-15.125
49.792	387.623	0.142	-11.231	-9.063	-12.621
50.967	364.823	0.192	-12.105	-9.248	-16.067
55.737	378.605	0.102	-5.772	-7.182	-12.777
58.592	354.012	0.105	-7.295	-10.58	-7.511
60.832	392.209	0.133	-12.436	-9.066	-6.625
69.298	377.285	0.103	-13.794	-6.288	-5.601
71.744	479.355	0.117	-19.957	-7.334	-11.764
59.029	403.207	0.16	-10.419	-6.327	-22.024
57.399	392.739	0.119	-11.114	-9.464	-15.23
47.882	310.741	0.17	-12.504	-5.67	-11.646
63.734	538.987	0.176	-14.855	-7.179	-22.792
67.557	486.755	0.131	-18.051	-7.359	-12.986
62.82	383.776	0.106	-6.193	-5.839	-17.354
58.057	379.866	0.142	-10.657	-9.422	-9.26
52.958	364.24	0.099	-8.749	-7.216	-15.695

60.752	331.954	0.098	-3.885	-9.291	-8.441
61.609	355.645	0.097	-13.717	-7.387	-11.347
373.397	504.035	-0.055	-12.82	-6.493	-20.08
68.033	377.924	0.178	-10.406	-10.537	-8.532
65.188	476.987	0.154	-13.78	-6.635	-17.659
52.038	398.852	0.159	-12.938	-8.887	-18.345
59.762	348.506	0.121	-12.319	-8.213	-5.806
53.156	340.342	0.119	-11.765	-7.566	-8.038
52.527	341.872	0.085	-4.229	-6.2	-5.023
55.232	481.147	0.146	-15.542	-6.394	-22.312
56.564	386.107	0.159	-10.132	-6.866	-11.566
81.539	492.653	0.134	-13.826	-7.237	-18.984
50.008	403.865	0.124	-11.977	-6.314	-12.994
71.37	408.301	0.154	-12.96	-6.482	-6.523
59.679	311.838	0.072	-5.042	-7.281	-2.33
49.598	340.427	0.178	-9.564	-8.933	-9.031
59.502	386.36	0.172	-13.806	-8.438	-8.415
63.664	351.395	0.116	-3.82	-9.481	-7.415
61.928	445.368	0.14	-16.892	-6.574	-9.686
56.57	382.142	0.125	-8.171	-9.592	-11.957
50.933	377.107	0.103	-10.667	-6.033	-7.295
76.584	414.421	0.125	-15.217	-6.961	-5.858
56.913	410.085	0.165	-13.999	-6.302	-14.947
387.879	328.221	0.086	-10.114	-9.147	-0.915
73.111	430.39	0.064	-8.124	-6.355	-5.947
60.697	401.794	0.145	-13.999	-7.891	-14.074
47.575	358.777	0.143	-11.169	-11.972	-9.473
68.811	432.045	0.107	-10.499	-6.893	-12.331
59.105	361.259	0.11	-8.576	-6.965	-8.49
61.981	367.496	0.096	-12.197	-6.025	-7.297
64.47	326.978	0.074	-5.182	-8.098	-9.056
58.309	318.126	0.152	-9.114	-9.062	-7.141
251.733	307.713	0.132	-10.002	-2.117	-7.297
55.765	409.241	0.124	-6.63	-6.759	-15.01
57.667	450.821	0.17	-13.667	-6.465	-17.029
58.931	506.565	0.201	-14.597	-6.809	-15.727
55.948	392.762	0.132	-17.745	-6.436	-11.72
76.437	470.809	0.146	-21.029	-9.976	-11.714
61.05	387.75	0.126	-11.308	-6.713	-12.729
54.052	441.539	0.208	-8.48	-12.149	-20.573
58.834	394.203	0.127	-15.491	-6.983	-13.741
59.448	357.107	0.109	-12.035	-5.911	-11.226
52.069	310.891	0.121	-7.026	-12.508	-3.34
60.637	514.196	0.199	-21.422	-6.855	-20.668
59.571	374.15	0.12	-10.018	-11.226	-11.216
59.514	317.64	0.191	-10.024	-8.337	-8.609
55.416	413.62	0.077	-5.466	-5.554	-13.213

hbond_sr_bb	hbonds_int	lk_ball_wtd	nres_all	nres_int	omega
-72.757	11	-18.349	131	68	28.63
-62.857	9	-18.027	118	82	25.735
-56.536	11	-10.897	108	73	16.119
-55.468	13	-12.933	104	72	16.26
-56.725	11	-15.367	108	67	19.548
-40.471	16	-8.842	91	70	10.883
-39.994	12	-10.829	94	80	11.146
-49.321	13	-1.781	103	76	40.617
-44.654	13	-12.161	95	77	11.41
-64.182	9	-17.967	127	79	20.769
-42.736	13	-16.682	103	65	15.21
-47.896	14	-13.204	99	74	11.131
-34.317	14	-13.607	94	74	15.58
-71.691	13	-15.887	125	70	19.541
-56.499	9	-17.563	111	71	18.226
-66.324	9	-15.563	122	81	19.504
-58.074	12	-13.388	108	75	21.053
-42.775	9	-15.109	91	80	14.923
-75.065	13	-14.854	126	70	16.341
-51.92	13	-18.104	111	72	16.428
-47.983	12	-12.689	102	73	18.699
-61.536	12	-13.086	111	82	19.561
-57.2	11	-20.755	124	78	22.278
-53.035	13	-11.092	108	80	19.614
-58.351	11	-20.778	120	80	25.341
-59.386	14	-11.64	105	74	21.012
-77.408	10	-16.97	128	68	23.488
-59.14	12	-13.972	108	78	22.479
-48.106	13	-15.054	102	66	15.35
-56.447	11	-16.091	111	65	15.684
-42.031	16	-7.659	91	70	11.368
-58.271	11	-15.942	114	70	15.575
-42.154	7	-12.45	91	80	15.253
-35.686	15	-15.952	91	77	13.82
-59.575	13	-20.06	125	67	23.099
-70.604	13	-15.288	130	77	26.738
-64.69	14	-4.885	112	73	20.753
-45.482	11	-14.129	95	80	17.068
-63.234	11	-16.114	115	74	19.058
-49.816	8	-13.769	96	76	22.788
-51.089	9	-13.48	104	69	17.486
-44.828	8	-14.822	95	75	12.099
-69.819	9	-15.418	124	79	25.825
-42.054	15	-12.604	96	66	13.697

-45.341	10	-14.656	94	75	14.681
-63.326	13	-13.062	113	68	23.156
-58.752	8	-10.702	102	65	24.847
-44.321	12	-15.838	103	81	14.448
-54.558	11	-13.109	110	79	21.234
-62.599	12	-12.313	112	89	17.318
-47.255	9	-18.777	103	70	17.771
-39.076	7	-14.773	91	78	14.613
-57.957	12	-7.379	121	71	20.915
-43.517	10	-11.757	91	79	14.421
-52.528	8	-13.888	105	67	15.406
-69.946	11	-12.146	113	73	25.819
-42.67	17	-11.381	99	79	14.445
-43.164	11	-10.309	98	75	20.645
-56.519	10	-19.196	118	73	22.391
-55.734	11	-15.061	112	77	15.417
-40.476	12	-13.912	96	77	12.246
-72.462	10	-16.51	124	86	21.51
-56.262	10	-14.655	103	86	20.341
-59.315	10	-9.841	110	64	23.031
-56.985	10	-15.816	107	70	16.278
-57.932	16	-8.578	106	76	17.895
-44.513	10	-15.451	94	85	14.595
-54.507	8	-21.965	103	86	21.668
-54	13	-13.937	105	70	14.914
-53.57	12	-11.475	102	84	20.559
-55.557	11	-11.178	100	71	19.845
-67.535	12	-16.651	121	89	21.464
-53.658	13	-17.765	108	82	18.952
-53.638	14	-12.726	96	79	21.535
-51.43	11	-7.358	103	77	24.3
-47.52	13	-14.355	98	75	19.157
-64.145	16	-9.086	115	80	23.918
-37.66	11	-11.142	94	82	13.001
-40.816	10	-11.228	91	76	12.248
-59.78	11	-16.294	114	69	15.522
-54.11	10	-16.159	113	73	17.347
-54.407	12	-14.189	103	87	16.49
-53.96	17	-9.086	98	73	19.939
-59.496	8	-15.961	111	74	16.319
-41.784	13	-13.178	96	79	15.94
-53.762	14	-14.5	112	77	19.072
-48.519	11	-10.159	98	87	54.045
-78.219	12	-12.433	129	85	30.226
-60.805	14	-13.718	108	87	27.938
-51.668	11	-13.434	104	86	14.673
-37.146	11	-10.578	91	69	13.511
-77.723	12	-11.777	124	66	27.878
-57.338	13	-19.694	119	88	25.495
-56.287	8	-13.936	106	76	19.512
-49.493	11	-14.303	101	75	17.174
-43.459	8	-12.428	98	71	16.395

-44.826	10	-15.061	99	75	18.693
-41.388	9	-12.581	98	78	13.615
-65.932	11	-12.789	119	63	23.906
-45.493	13	-13.345	98	69	16.836
-64.791	15	-17.944	119	83	23.871
-47.999	11	-10.781	100	65	18.792
-46.447	12	-16.894	97	77	15.896
-43.013	12	-13.953	91	81	15.526
-47.828	7	-15.6	92	68	14.188
-69.461	12	-16.1	122	63	23.791
-49.212	11	-11.592	100	71	17.646
-65.521	12	-13.253	118	82	26.098
-51.004	10	-16.12	99	66	14.535
-61.009	14	-19.493	123	86	17.135
-41.604	6	-18.727	100	75	13.243
-48.319	11	-12.45	97	66	12.665
-52.872	13	-13.705	106	63	19.053
-53.217	12	-13.894	108	76	20.565
-51.638	10	-15.573	111	68	20.326
-55.215	10	-13.567	104	85	22.627
-44.01	9	-18.394	98	75	17.069
-59.503	9	-19.187	109	76	19.939
-55.086	12	-10.887	101	71	16.734
-48.883	8	-17.696	100	78	22.682
-51.492	7	-19.432	121	88	29.254
-46.301	11	-8.85	94	70	12.445
-38.45	13	-13.358	97	79	14.932
-67.282	10	-17.358	123	86	20.897
-50.526	9	-14.984	96	78	19.218
-58.495	9	-17.264	108	83	16.84
-39.414	8	-14.827	91	76	9.864
-37.373	11	-17.942	94	72	11.566
-42.314	3	-9.657	93	61	15.382
-59.276	11	-16.18	105	71	23.261
-66.806	13	-14.31	122	70	19.709
-73.351	15	-21.009	127	69	31.426
-47.683	9	-10.776	98	66	14.552
-55.08	15	-20.64	128	86	15.783
-46.048	13	-13.215	100	84	15.971
-52.096	16	-14.32	104	73	16.883
-50.655	11	-10.372	102	80	22.41
-46.658	9	-10.917	96	78	18.733
-42.607	11	-15.061	95	71	15.758
-71.834	14	-10.35	127	67	26.349
-57.118	13	-12.769	110	84	19.657
-49.038	17	-10.414	99	73	13.434
-56.992	8	-15.156	107	82	28.33

p_aa_pp	packstat	per_residue_en	pro_close	rama_prepro	ref
-17.886	0.644	-1.683	0.094	-2.589	-6.514
-14.133	0.574	-1.15	0.281	15.245	7.697
-17.909	0.576	-1.622	0.051	-7.408	24.498
-16.175	0.639	-1.121	0.017	1.108	6.376
-12.447	0.621	-1.223	0.038	2.544	45.446
-16.044	0.618	-1.374	0.035	-4.794	24.024
-13.39	0.624	-1.286	0.09	-1.053	61.754
-12.952	0.644	1.727	2.476	33.175	25.916
-11.816	0.595	-1.576	0.233	2.38	55.903
-22.091	0.559	-1.172	0.269	-3.503	41.189
-12.6	0.517	-0.959	0.111	13.125	1.329
-17.15	0.658	-1.72	0.393	0.199	14.999
-7.483	0.607	-0.097	0.482	25.505	11.982
-19.888	0.568	-1.588	0.577	-0.682	29.682
-18.261	0.512	-1.552	0.098	-2.489	7.655
-20.216	0.584	-1.735	0.59	-4.084	71.984
-18.193	0.543	-1.583	0.069	1.134	48.618
-13.549	0.564	-1.358	0.222	1.269	44.876
-19.7	0.55	-1.114	0.282	-14.255	42.017
-14.746	0.521	-1.026	0.036	2.688	4.557
-16.976	0.55	-1.329	0.157	-4.609	22.597
-17.8	0.545	-1.411	0.075	-3.917	65.029
-13.501	0.536	-1.607	0.408	12.669	47.052
-18.214	0.563	-1.146	0.257	14.621	69.362
-17.089	0.559	-1	0.301	1.458	13.13
-17.896	0.639	-1.497	0.68	-4.64	9.081
-19.244	0.568	-1.439	0.361	-4.631	46.177
-21.276	0.557	-1.746	0.059	-5.298	28.894
-14.068	0.47	-1.372	0.06	-1.833	-8.011
-15.699	0.584	-1.47	0.062	-1.775	30.553
-13.407	0.547	-1.563	0.05	1.24	24.144
-17.787	0.562	-1.31	0.176	-6.361	-4.295
-14.914	0.549	-1.295	0.31	-1.164	32.193
-16.012	0.623	-1.758	0.06	-1.986	64.683
-16.799	0.531	-1.444	0.091	12.726	-7.667
-16.979	0.518	-1.615	0.193	8.405	6.364
-18.082	0.632	-1.715	0.104	-7.407	28.411
-11.954	0.664	-1.559	0.218	5.597	49.189
-20.611	0.587	-1.348	0.037	-2.054	20.473
-14.715	0.539	-1.053	0.279	-0.14	18.036
-18.779	0.626	-0.946	0.07	-1.539	18.023
-14.906	0.593	-1.565	0.047	4.532	32.674
-19.039	0.592	-1.5	0.141	-3.464	42.22
-16.567	0.544	-1.28	0.257	-4.166	53.024



-13.606	0.569	-1.503	0.318	-1.693	30.262
-16.291	0.642	-1.472	0.231	-6.735	-3.578
-14.763	0.758	-1.107	0.155	1.662	-6.186
-21.372	0.584	-1.274	0.499	-7.132	51.903
-15.547	0.636	-1.393	0.331	-4.876	42.92
-15.019	0.615	-1.3	0.153	-5.939	58.454
-19.011	0.519	-0.859	0.122	1.648	7.143
-11.64	0.584	-0.91	0.099	6.192	33.879
-17.49	0.554	-1.16	0.058	-3.441	-9.09
-14.364	0.644	-0.939	0.179	10.766	15.848
-13.681	0.569	-1.092	0.174	0.041	20.671
-16.052	0.611	-1.717	0.099	-2.134	36.116
-14.111	0.596	-1.205	0.125	0.017	20.718
-15.042	0.582	-0.999	0.122	1.566	10.679
-16.626	0.517	-1.438	0.046	-10.227	-3.862
-12.93	0.533	-1.497	0.49	19.924	65.479
-15.579	0.532	-1.388	0.268	-1.149	34.636
-18.812	0.649	-1.352	0.306	-2.012	78.975
-18.996	0.539	-0.373	0.073	-6.547	24.558
-16.002	0.551	-1.493	0.09	-3.758	7.587
-12.152	0.58	-0.847	0.529	23.109	8.656
-20.868	0.679	-1.257	0.047	-5.15	58.685
-14.762	0.589	-1.157	0.104	-2.356	26.608
-13.699	0.544	-1.246	1.027	0.074	39.566
-14.86	0.554	-1.996	0.308	4.062	20.659
-17.518	0.611	-1.367	0.058	-0.205	20.164
-13.882	0.657	-1.84	0.166	-7.954	26.386
-20.784	0.577	-1.077	0.123	-3.61	36.479
-13.936	0.576	-1.093	0.447	4.038	6.388
-15.094	0.57	-1.144	0.92	-0.796	25.814
-14.084	0.541	-0.727	0.027	15.754	36.879
-12.055	0.565	-0.751	0.47	5.164	25.611
-19.221	0.643	-1.219	0.021	3.14	29.801
-12.856	0.595	10.693	0.326	4.873	38.733
-12.841	0.588	-1.134	0.169	13.324	16.816
-14.735	0.587	-1.666	0.076	-4.256	11.252
-14.748	0.508	-1.148	0.035	5.149	11.628
-13.838	0.579	-1.174	0.268	-2.194	37.563
-16.274	0.533	-1.637	0.278	-3.742	39.788
-18.828	0.554	-1.376	0.249	-6.086	51.445
-16.125	0.653	-1.508	0.143	0.865	37.84
-19.151	0.559	-1.274	0.2	1.403	42.404
-9.607	0.582	0.117	11.772	5.166	29.61
-17.898	0.58	-1.433	0.102	1.677	49.504
-16.476	0.623	-1.431	0.284	13.608	40.003
-14.905	0.595	-1.189	0.054	11.03	16.403
-15.692	0.44	-0.564	0.088	-0.787	16.941
-18.976	0.543	-1.257	0.036	-8.73	-17.166
-15.822	0.602	-0.86	0.392	0.131	-0.348
-17.765	0.619	-1.396	0.065	-1.43	36.457
-14.17	0.664	-1.149	0.215	-0.426	31.446
-12.42	0.495	-0.813	0.334	15.382	28.578

-18.799	0.647	-1.506	0.823	-7.567	30.897
-16.367	0.569	-1.091	0.14	-0.527	27.15
-16.64	0.644	3.76	0.03	3.6	-19.154
-16.388	0.507	-0.87	0.138	-1.084	10.554
-18.01	0.475	-1.232	0.388	0.179	-4.316
-14.5	0.481	-1.359	0.141	1.089	9.853
-13.342	0.602	-1.303	0.096	4.243	42.747
-14.608	0.605	-1.446	0.29	-1.604	27.655
-16.096	0.512	-0.598	0.119	0.072	30.137
-16.582	0.505	-1.535	0.043	-4.942	8.727
-14.827	0.553	-1.778	0.132	-4.349	15.449
-18.359	0.582	-1.629	0.096	-2.514	8.346
-16.435	0.641	-1.354	0.042	-12.915	1.175
-17.176	0.553	-1.291	0.659	1.1	59.056
-17.726	0.555	-1.369	0.812	-2.765	36.389
-12.982	0.587	-1.484	0.125	-2.436	32.304
-18.641	0.583	-1.575	0.065	-5.766	44.085
-14.648	0.468	-0.691	0.141	13.221	57.748
-15.192	0.59	-0.966	0.081	2.315	10.562
-17.253	0.643	-1.194	0.179	-8.898	43.321
-13.832	0.504	-1.532	0.669	8.039	1.618
-21.395	0.686	-1.637	0.211	-11.378	26.84
-16.201	0.524	-1.661	0.26	-4.936	10.034
-16.305	0.69	0.642	0.077	0.713	62.026
-12.526	0.535	-0.4	0.156	21.117	23.868
-13.318	0.563	-0.56	0.068	2.987	-11.881
-13.96	0.588	-1.042	0.205	13.007	24.643
-15.792	0.592	-1.425	0.041	2.34	36.562
-13.719	0.637	-1.086	0.203	-4.555	20.742
-14.787	0.576	-1.621	0.196	-1.262	50.637
-15.65	0.616	-1.174	0.032	2.132	26.115
-13.043	0.604	-1.303	0.056	-2.285	48.411
-12.37	0.513	1.425	0.054	9.609	23.457
-14.739	0.604	-1.756	0.294	-2.536	16.199
-19.064	0.55	-0.955	0.055	-0.293	54.411
-17.822	0.54	-1.628	0.21	-4.028	31.159
-17.466	0.522	-1.567	0.047	-6.996	18.323
-21.586	0.628	-1.592	0.075	14.434	31.604
-14.937	0.527	-1.179	0.22	8.228	23.789
-11.601	0.516	-1.512	0.027	-4.735	-1.488
-15.348	0.505	-1.23	0.401	0.893	17.717
-15.621	0.632	-1.332	0.065	-3.949	20.494
-15.048	0.596	-1.472	0.295	2.51	49.599
-17.012	0.534	-1.759	0.102	-6.743	30.902
-13.626	0.563	-1.593	0.484	0.819	59.879
-17.112	0.572	-1.834	0.792	-4.395	62.294
-16.231	0.517	-0.516	0.111	5.444	24.349

sc_value	side1_normalize	side1_score	side2_normalize	side2_score	yhh_planarity
0.732	-1.462	-58.465	-1.998	-55.951	0
0.728	-0.638	-33.176	-2.037	-61.1	0
0.712	-1.112	-48.914	-2.396	-69.488	0
0.763	-0.523	-21.979	-1.959	-58.762	0
0.691	-0.893	-35.714	-1.712	-46.216	0
0.708	-0.833	-34.977	-2.186	-61.222	0
0.734	-0.508	-25.398	-2.584	-77.516	0
0.735	2.817	129.588	0.055	1.651	0
0.728	-1.005	-47.213	-2.471	-74.116	0
0.671	-0.798	-39.096	-1.783	-53.477	0
0.616	-0.481	-17.806	-1.59	-44.525	0
0.722	-1.319	-58.05	-2.309	-69.26	0
0.736	0.567	24.965	-1.072	-32.16	0
0.72	-1.259	-52.878	-2.082	-58.295	0
0.646	-1.246	-52.335	-1.996	-57.877	0
0.722	-1.488	-75.896	-2.155	-64.641	0
0.69	-0.967	-43.526	-2.505	-75.165	0
0.721	-0.698	-34.876	-2.458	-73.751	0
0.733	-0.56	-23.533	-1.944	-54.443	0
0.72	-0.11	-4.624	-2.308	-69.228	0
0.735	-0.748	-32.174	-2.163	-64.878	0
0.626	-1.004	-52.194	-2.117	-63.497	0
0.695	-1.017	-48.82	-2.55	-76.505	0
0.71	-0.604	-30.206	-2.048	-61.442	0
0.748	-0.39	-19.522	-2.015	-60.45	0
0.751	-1.077	-47.406	-2.113	-63.402	0
0.729	-1.039	-40.526	-1.976	-57.318	0
0.74	-1.341	-64.362	-2.395	-71.851	0
0.73	-0.761	-28.917	-2.2	-61.612	0
0.731	-1.098	-41.735	-1.993	-53.824	0
0.688	-0.97	-40.73	-2.453	-68.695	0
0.701	-0.829	-34.807	-2.033	-56.927	0
0.704	-0.878	-43.924	-1.99	-59.708	0
0.727	-1.384	-65.065	-2.343	-70.284	0
0.745	-1.104	-43.068	-1.918	-53.698	0
0.724	-1.226	-58.841	-2.259	-65.523	0
0.736	-1.297	-55.776	-2.315	-69.445	0
0.741	-1.256	-62.821	-2.062	-61.861	0
0.701	-0.956	-43.966	-1.992	-55.787	0
0.713	-0.365	-16.772	-2.109	-63.258	0
0.727	-0.414	-16.158	-1.637	-49.125	0
0.707	-1.099	-49.468	-2.263	-67.877	0
0.718	-1.046	-51.268	-2.241	-67.221	0
0.729	-0.536	-19.818	-2.229	-64.635	0

0.738	-0.984	-44.267	-2.281	-68.424	0
0.716	-1.126	-46.153	-1.999	-53.975	0
0.776	-0.445	-15.558	-1.88	-56.386	0
0.76	-0.553	-28.21	-2.501	-75.02	0
0.712	-0.961	-47.09	-2.1	-62.993	0
0.631	-0.839	-49.501	-2.207	-66.217	0
0.7	-0.052	-2.224	-2.144	-57.876	0
0.664	-0.023	-1.11	-2.329	-69.868	0
0.709	-0.391	-16.44	-2.274	-65.953	0
0.731	-0.054	-2.648	-2.386	-71.565	0
0.717	-0.173	-6.417	-2.226	-66.771	0
0.702	-1.337	-60.163	-2.328	-65.176	0
0.702	-0.645	-31.624	-2.119	-63.58	0
0.68	-0.277	-12.456	-2.082	-62.473	0
0.68	-0.885	-38.958	-2.276	-66.008	0
0.704	-0.885	-41.595	-2.457	-73.705	0
0.717	-0.806	-37.901	-2.3	-69.004	0
0.751	-1.051	-58.84	-1.915	-57.444	0
0.639	0.551	30.855	-2.098	-62.941	0
0.688	-1.151	-41.449	-1.931	-54.081	0
0.722	-0.243	-9.735	-1.651	-49.544	0
0.727	-0.675	-31.033	-2.15	-64.495	0
0.695	-0.522	-28.717	-2.32	-69.608	0
0.681	-0.864	-48.369	-1.958	-58.749	0
0.66	-1.898	-79.732	-2.143	-60.01	0
0.683	-0.843	-45.52	-2.311	-69.341	0
0.688	-1.726	-72.492	-2.005	-58.155	0
0.732	-0.496	-29.287	-2.219	-66.568	0
0.702	-0.36	-18.73	-2.362	-70.872	0
0.676	-0.648	-31.768	-1.954	-58.619	0
0.782	-0.01	-0.46	-1.852	-55.557	0
0.64	0.125	5.616	-2.065	-61.95	0
0.725	-0.755	-37.728	-1.992	-59.772	0
0.681	8.853	460.365	13.881	416.434	0
0.689	-0.282	-12.96	-2.44	-73.214	0
0.771	-1.335	-53.394	-2.122	-61.539	0
0.744	-0.517	-23.278	-2.161	-60.511	0
0.697	-0.66	-37.617	-2.151	-64.524	0
0.675	-1.449	-62.326	-1.906	-57.167	0
0.673	-1.013	-45.574	-1.939	-56.229	0
0.735	-0.962	-47.139	-2.401	-72.015	0
0.709	-0.781	-36.723	-2.046	-61.381	0
0.657	1.18	67.244	-1.903	-57.105	0
0.74	-0.997	-54.827	-2.234	-67.012	0
0.763	-1.053	-59.998	-2.15	-64.513	0
0.707	-0.653	-36.573	-2.189	-65.668	0
0.705	0.63	25.203	-2.212	-64.145	0
0.72	-0.763	-27.476	-1.85	-55.494	0
0.673	-0.276	-15.996	-1.989	-59.683	0
0.736	-0.925	-42.555	-2.118	-63.553	0
0.726	-0.505	-22.706	-2.116	-63.475	0
0.685	-0.125	-5.114	-1.754	-52.62	0

0.774	-1.009	-45.394	-2.251	-67.532	0
0.699	-0.411	-19.752	-2.178	-65.353	0
0.645	4.103	143.613	3.331	93.266	0
0.704	-0.045	-1.846	-2.079	-58.215	0
0.624	-0.811	-42.998	-1.974	-59.234	0
0.66	-0.884	-31.824	-1.95	-56.536	0
0.743	-0.754	-35.451	-2.164	-64.916	0
0.759	-0.94	-47.932	-2.306	-69.176	0
0.673	0.202	7.886	-1.674	-48.555	0
0.701	-1.016	-35.57	-2.183	-61.111	0
0.716	-1.562	-65.614	-2.091	-60.65	0
0.695	-1.255	-65.271	-2.278	-68.347	0
0.73	-0.889	-33.768	-1.985	-55.584	0
0.732	-0.593	-33.193	-2.594	-77.816	0
0.699	-1.011	-45.513	-1.904	-57.124	0
0.783	-1.287	-50.175	-1.77	-47.782	0
0.764	-1.235	-44.477	-2.027	-54.736	0
0.719	0.058	2.669	-1.841	-55.223	0
0.748	-0.105	-4.201	-2.195	-61.46	0
0.715	-0.61	-33.546	-2.265	-67.96	0
0.732	-1.003	-45.133	-2.325	-69.749	0
0.804	-1.559	-71.697	-1.756	-52.693	0
0.727	-1.295	-55.679	-2.222	-62.217	0
0.718	2.319	111.3	-2.04	-61.213	0
0.727	0.503	29.162	-2.146	-64.38	0
0.712	0.262	11.245	-1.868	-50.445	0
0.681	-0.436	-21.371	-2.031	-60.932	0
0.761	-1.091	-61.103	-2.049	-61.456	0
0.738	-0.554	-26.612	-1.938	-58.129	0
0.69	-1.28	-67.816	-2.223	-66.691	0
0.715	-0.674	-30.987	-1.941	-58.218	0
0.729	-0.787	-33.82	-2.07	-60.026	0
0.604	3.777	124.655	-1.347	-37.71	0
0.718	-1.385	-59.549	-2.327	-65.152	0
0.648	-0.164	-6.871	-2.142	-59.988	0
0.704	-1.348	-55.248	-2.039	-57.098	0
0.748	-1.135	-43.136	-2.152	-60.26	0
0.702	-1.26	-70.561	-2.212	-66.369	0
0.652	-0.747	-40.333	-1.955	-58.665	0
0.684	-0.914	-41.114	-2.474	-69.284	0
0.732	-0.71	-35.512	-2.097	-62.905	0
0.735	-0.83	-39.852	-2.135	-64.049	0
0.73	-0.787	-32.275	-2.408	-72.233	0
0.665	-1.567	-62.661	-2.043	-55.173	0
0.732	-1.037	-56.024	-2.592	-77.767	0
0.725	-1.694	-72.859	-2.033	-60.999	0
0.665	0.153	7.957	-1.676	-50.278	0

description

insulin\_ep3\_\_472\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_766\_dldesign\_0\_cycle0  
insulin\_ep1\_\_586\_dldesign\_0\_cycle0\_1  
insulin\_ep1\_\_874\_dldesign\_0\_cycle0  
insulin\_ep3\_\_172\_dldesign\_0\_cycle0  
insulin\_ep1\_\_821\_dldesign\_0\_cycle0  
insulin\_ep2\_\_223\_dldesign\_0\_cycle0  
insulin\_ep2\_\_586\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_36\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_156\_dldesign\_0\_cycle0\_1  
insulin\_ep3\_\_843\_dldesign\_0\_cycle0\_1  
insulin\_ep1\_\_281\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_60\_dldesign\_0\_cycle0  
insulin\_ep3\_\_768\_dldesign\_0\_cycle0\_1  
insulin\_ep3\_\_642\_dldesign\_0\_cycle0  
insulin\_ep2\_\_592\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_724\_dldesign\_0\_cycle0  
insulin\_ep2\_\_651\_dldesign\_0\_cycle0  
insulin\_ep3\_\_382\_dldesign\_0\_cycle0\_1  
insulin\_ep1\_\_642\_dldesign\_0\_cycle0  
insulin\_ep3\_\_200\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_643\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_890\_dldesign\_0\_cycle0  
insulin\_ep2\_\_16\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_580\_dldesign\_0\_cycle0\_1  
insulin\_ep1\_\_702\_dldesign\_0\_cycle0\_1  
insulin\_ep1\_\_373\_dldesign\_0\_cycle0  
insulin\_ep2\_\_724\_dldesign\_0\_cycle0\_1  
insulin\_ep1\_\_666\_dldesign\_0\_cycle0\_1  
insulin\_ep3\_\_792\_dldesign\_0\_cycle0\_1  
insulin\_ep1\_\_821\_dldesign\_0\_cycle0\_1  
insulin\_ep3\_\_785\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_481\_dldesign\_0\_cycle0  
insulin\_ep2\_\_727\_dldesign\_0\_cycle0\_1  
insulin\_ep3\_\_922\_dldesign\_0\_cycle0\_1  
insulin\_ep1\_\_977\_dldesign\_0\_cycle0\_1  
insulin\_ep1\_\_310\_dldesign\_0\_cycle0  
insulin\_ep2\_\_6\_dldesign\_0\_cycle0  
insulin\_ep1\_\_637\_dldesign\_0\_cycle0  
insulin\_ep2\_\_661\_dldesign\_0\_cycle0  
insulin\_ep1\_\_739\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_642\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_819\_dldesign\_0\_cycle0  
insulin\_ep1\_\_178\_dldesign\_0\_cycle0

insulin\_ep2\_\_180\_dldesign\_0\_cycle0\_1  
insulin\_ep3\_\_46\_dldesign\_0\_cycle0\_1  
insulin\_ep3\_\_626\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_160\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_422\_dldesign\_0\_cycle0  
insulin\_ep2\_\_805\_dldesign\_0\_cycle0  
insulin\_ep3\_\_843\_dldesign\_0\_cycle0  
insulin\_ep2\_\_104\_dldesign\_0\_cycle0  
insulin\_ep3\_\_107\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_700\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_12\_dldesign\_0\_cycle0  
insulin\_ep1\_\_278\_dldesign\_0\_cycle0  
insulin\_ep2\_\_480\_dldesign\_0\_cycle0  
insulin\_ep2\_\_981\_dldesign\_0\_cycle0\_1  
insulin\_ep3\_\_532\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_538\_dldesign\_0\_cycle0  
insulin\_ep2\_\_376\_dldesign\_0\_cycle0  
insulin\_ep2\_\_277\_dldesign\_0\_cycle0  
insulin\_ep2\_\_705\_dldesign\_0\_cycle0\_1  
insulin\_ep1\_\_527\_dldesign\_0\_cycle0  
insulin\_ep2\_\_590\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_567\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_180\_dldesign\_0\_cycle0  
insulin\_ep2\_\_808\_dldesign\_0\_cycle0\_1  
insulin\_ep3\_\_229\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_908\_dldesign\_0\_cycle0  
insulin\_ep1\_\_445\_dldesign\_0\_cycle0  
insulin\_ep2\_\_861\_dldesign\_0\_cycle0  
insulin\_ep2\_\_432\_dldesign\_0\_cycle0  
insulin\_ep2\_\_661\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_586\_dldesign\_0\_cycle0  
insulin\_ep2\_\_790\_dldesign\_0\_cycle0  
insulin\_ep2\_\_783\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_223\_dldesign\_0\_cycle0\_1  
insulin\_ep1\_\_919\_dldesign\_0\_cycle0  
insulin\_ep3\_\_438\_dldesign\_0\_cycle0\_1  
insulin\_ep1\_\_440\_dldesign\_0\_cycle0  
insulin\_ep2\_\_930\_dldesign\_0\_cycle0  
insulin\_ep2\_\_106\_dldesign\_0\_cycle0  
insulin\_ep3\_\_735\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_376\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_538\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_74\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_751\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_350\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_230\_dldesign\_0\_cycle0  
insulin\_ep1\_\_355\_dldesign\_0\_cycle0\_1  
insulin\_ep1\_\_733\_dldesign\_0\_cycle0  
insulin\_ep2\_\_874\_dldesign\_0\_cycle0\_1  
insulin\_ep1\_\_632\_dldesign\_0\_cycle0  
insulin\_ep2\_\_289\_dldesign\_0\_cycle0  
insulin\_ep2\_\_106\_dldesign\_0\_cycle0\_1

insulin\_ep2\_\_480\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_615\_dldesign\_0\_cycle0\_1  
insulin\_ep3\_\_514\_dldesign\_0\_cycle0  
insulin\_ep1\_\_772\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_874\_dldesign\_0\_cycle0  
insulin\_ep1\_\_859\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_494\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_791\_dldesign\_0\_cycle0\_1  
insulin\_ep3\_\_147\_dldesign\_0\_cycle0  
insulin\_ep1\_\_157\_dldesign\_0\_cycle0  
insulin\_ep1\_\_445\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_766\_dldesign\_0\_cycle0\_1  
insulin\_ep3\_\_589\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_56\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_928\_dldesign\_0\_cycle0\_1  
insulin\_ep3\_\_152\_dldesign\_0\_cycle0\_1  
insulin\_ep3\_\_805\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_16\_dldesign\_0\_cycle0  
insulin\_ep3\_\_642\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_230\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_790\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_49\_dldesign\_0\_cycle0\_1  
insulin\_ep1\_\_444\_dldesign\_0\_cycle0\_1  
insulin\_ep3\_\_655\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_861\_dldesign\_0\_cycle0\_1  
insulin\_ep3\_\_29\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_616\_dldesign\_0\_cycle0  
insulin\_ep2\_\_345\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_207\_dldesign\_0\_cycle0  
insulin\_ep2\_\_853\_dldesign\_0\_cycle0  
insulin\_ep2\_\_952\_dldesign\_0\_cycle0  
insulin\_ep1\_\_640\_dldesign\_0\_cycle0  
insulin\_ep1\_\_350\_dldesign\_0\_cycle0  
insulin\_ep3\_\_229\_dldesign\_0\_cycle0  
insulin\_ep1\_\_932\_dldesign\_0\_cycle0\_1  
insulin\_ep3\_\_439\_dldesign\_0\_cycle0\_1  
insulin\_ep1\_\_490\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_520\_dldesign\_0\_cycle0  
insulin\_ep2\_\_264\_dldesign\_0\_cycle0  
insulin\_ep1\_\_913\_dldesign\_0\_cycle0  
insulin\_ep2\_\_841\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_207\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_532\_dldesign\_0\_cycle0\_1  
insulin\_ep3\_\_439\_dldesign\_0\_cycle0  
insulin\_ep2\_\_89\_dldesign\_0\_cycle0\_1  
insulin\_ep1\_\_10\_dldesign\_0\_cycle0\_1  
insulin\_ep2\_\_152\_dldesign\_0\_cycle0