



C)

number	Freq (%)	nBfactor	nRMSf	RSA	<i>av.N_{eq}</i>	cl. <i>N_{eq}</i>	ΔPB
1	0.52	0.25	0.49	36.33	2.42	4.32	0.14
2	3.30	0.10	-0.04	27.43	1.08	1.13	0.03
3	3.62	0.07	0.04	47.66	1.14	1.22	0.05
4	1.04	0.51	0.76	63.09	2.39	4.26	0.32
5	0.16	0.76	0.69	71.50	2.63	3.11	0.18
6	7.37	-0.13	-0.23	27.22	1.11	1.17	0.02
7	0.75	0.40	0.63	41.64	2.67	5.19	0.28
8	0.50	0.03	0.17	40.05	2.27	2.65	0.08
9	1.30	0.15	0.36	41.60	2.25	3.96	0.07
10	18.82	-0.44	-0.46	20.26	1.04	1.07	0.01
11	2.08	-0.07	-0.20	26.04	1.15	1.25	0.02
12	0.56	0.05	0.20	34.79	2.56	4.68	0.17
13	0.83	0.21	0.45	37.43	2.19	3.87	0.23
14	5.80	-0.08	-0.11	26.91	1.08	1.13	0.03
15	0.28	0.23	0.50	37.74	2.56	3.35	0.20
16	0.78	0.11	0.10	26.42	1.74	2.39	0.15
17	0.47	0.51	0.75	53.08	2.66	5.32	0.22
18	2.08	0.30	0.23	51.61	1.11	1.18	0.02
19	1.50	0.33	0.30	58.97	1.09	1.14	0.04
20	0.78	0.29	0.30	43.84	1.64	2.23	0.05
21	5.29	0.22	0.25	46.48	1.22	1.40	0.05
22	4.36	0.22	0.24	50.29	1.15	1.30	0.04
23	27.83	-0.18	-0.24	27.10	1.02	1.04	0.001
24	1.59	0.28	0.46	36.53	2.51	4.69	0.19
25	1.56	0.34	0.34	56.77	1.17	1.29	0.03
26	2.12	0.41	0.37	43.57	1.28	1.49	0.06
27	0.67	0.59	1.04	55.33	3.08	7.49	0.41
28	1.44	0.32	0.43	47.07	3.16	4.97	0.19
29	2.26	0.34	0.25	52.80	1.29	1.40	0.03
30	0.33	0.52	0.99	55.79	2.62	5.15	0.11

Sup data 11. *Analysis of the 30 clusters.* Plots normalized B-factor vs normalized RMSF with A) with the cluster number (colours are done accordingly to relative solvent accessibility) and B) with the *N_{eq}*. C) for each cluster is provided its frequency, normalized B-factor, normalized RMSF, average *N_{eq}*, *N_{eq}* of PB profile and ΔN_{eq} . Please notice that the Pearson correlation is of 0.96.