

Table S2: the overlap between the largest patch and the NA-binding interface

	Combine 5	Combine 4	Combine 3	Combine 2	Combine 1	First model	PDB
1a1tA	20.83	25.00	62.50	70.83	100.00	50.00	91.67
1a31A	67.74	87.10	96.77	98.39	98.39	93.55	88.71
1a73A	0.00	2.63	21.05	60.53	92.11	39.47	92.11
1a9nB	62.16	81.08	97.30	100.00	100.00	100.00	81.08
1aayA	23.68	60.53	97.37	100.00	100.00	94.74	100.00
1asyA	6.49	12.99	29.87	45.45	74.03	37.66	51.95
1b23P	0.00	8.77	22.81	36.84	49.12	1.75	12.28
1b34A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1b3tA	63.89	88.89	97.22	97.22	100.00	80.56	94.44
1bdtA	75.00	93.75	100.00	100.00	100.00	75.00	81.25
1bnkA	6.45	38.71	61.29	93.55	100.00	54.84	100.00
1cmaA	0.00	0.00	0.00	30.77	92.31	0.00	84.62
1cx0A	9.38	53.13	71.88	81.25	93.75	75.00	81.25
1d66A	0.00	47.37	84.21	100.00	100.00	94.74	84.21
1ddlA	0.00	0.00	38.10	66.67	85.71	47.62	0.00
1e8oB	0.00	33.33	77.78	88.89	88.89	88.89	22.22
1ec6A	41.94	54.84	64.52	93.55	100.00	93.55	67.74
1ecrA	21.62	68.92	91.89	95.95	100.00	97.30	97.30
1f7uA	0.00	1.09	20.65	47.83	78.26	34.78	16.30
1fjgB	23.33	46.67	60.00	73.33	73.33	53.33	63.33
1fjgC	0.00	72.73	88.64	93.18	100.00	86.36	90.91
1fjgG	52.17	86.96	100.00	100.00	100.00	86.96	86.96
1fjgl	0.00	80.00	96.67	100.00	100.00	0.00	98.33
1fjgJ	27.78	38.89	66.67	86.11	100.00	38.89	86.11
1fjgK	20.00	31.11	80.00	88.89	97.78	28.89	64.44
1fjgL	94.87	100.00	100.00	100.00	100.00	100.00	96.15
1fjgM	3.45	93.10	94.83	96.55	100.00	72.41	100.00
1fjgN	0.00	0.00	86.84	94.74	100.00	92.11	94.74
1fjgP	36.36	69.09	81.82	94.55	98.18	80.00	92.73
1fjgR	80.95	100.00	100.00	100.00	100.00	95.24	95.24
1fjgS	36.36	66.67	93.94	100.00	100.00	84.85	93.94
1fjgT	86.67	91.67	98.33	100.00	100.00	93.33	91.67
1fokA	1.52	18.18	56.06	77.27	90.91	66.67	84.85
1gtfA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1h2cA	50.00	75.00	100.00	100.00	100.00	87.50	100.00
1hq1A	38.10	42.86	42.86	42.86	52.38	42.86	57.14
1ignA	0.00	51.67	83.33	91.67	98.33	45.00	93.33
1jldA	91.67	91.67	95.83	100.00	100.00	91.67	100.00
1k8wA	58.82	64.71	90.20	94.12	96.08	92.16	90.20
1lmb3	0.00	0.00	18.18	54.55	86.36	54.55	4.55
1m8wA	51.28	66.67	84.62	89.74	94.87	87.18	7.69
1mnmA	85.00	95.00	95.00	95.00	100.00	85.00	95.00
1pdnC	33.33	83.33	83.33	86.11	100.00	83.33	86.11
1pnrA	40.00	73.33	73.33	93.33	100.00	86.67	93.33
1rgoA	22.22	33.33	47.22	72.22	91.67	33.33	80.56
1ropA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1sknP	57.14	100.00	100.00	100.00	100.00	100.00	100.00
1tc3C	34.78	43.48	43.48	60.87	86.96	47.83	73.91

1trrA	43.75	46.88	53.13	56.25	65.63	50.00	59.38
1tupA	71.43	85.71	100.00	100.00	100.00	85.71	100.00
1wetA	46.67	73.33	86.67	93.33	100.00	86.67	100.00
2dgcA	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2fmtA	32.73	61.82	72.73	85.45	98.18	81.82	74.55
3mhtA	51.79	78.57	89.29	94.64	98.21	89.29	87.50
3pviA	6.25	25.00	50.00	62.50	81.25	59.38	81.25