

Supplementary Table 1 Coevolving residue pairs for apoA-I

res_i	res_j	Prob
32	38	0.9745979
32	41	0.9356469
29	42	0.8026068
32	42	0.7793443
10	63	0.7535808
21	52	0.7366209
33	42	0.7339497
29	45	0.7262684
14	59	0.6868986
28	45	0.6604719
25	45	0.6544870
18	56	0.6307588
18	52	0.6276968
25	49	0.6210243
14	56	0.6128104
21	49	0.6127903
14	63	0.6056398
33	39	0.6045238
7	70	0.6029568
10	66	0.6011602
10	67	0.5999863
22	49	0.5937240
7	67	0.5832257
3	9	0.5820144
7	63	0.5752648
29	46	0.5712630
18	53	0.5689167
6	66	0.5582736
10	70	0.5409693
14	228	0.5365205
6	70	0.5255757
10	59	0.5169616
28	41	0.5164070
11	60	0.5149656
32	45	0.5145751
7	66	0.5117174
11	63	0.5069553
17	59	0.5011830