

SUPPLEMENTAL MATERIAL:

Table A. Cluster and subcluster sizes from two-tiered clustering analysis

	Main Cluster	Total size	Subcluster size				Representative structures ^a
			1	2	3	4	
Antiparallel dipoles	AA.1	423	97	90	45	29	A, B
	AA.2	306	30	28	25	25	C, B
	AA.3	304	31	20	16	14	B, C
	PA.1	217	39	35	18	16	B, A
	PA.2	171	58	20	19	10	C, D
	PA.3	169	77	35	14	8	A, B
Parallel dipoles	PP.1	323	9	8	7	6	E, F
	PP.2	286	30	25	14	12	D-like ^b
	PP.3	253	7	7	5	5	C and B-like ^b
	AP.1	452	22	17	13	13	F
	AP.2	328	17	11	8	8	A-like ^b
	AP.3	170	10	6	5	4	F, D-like ^b

^a Representative structures correspond to the labels in Figure 6. ^b Rough similarity to the structures seen for the antiparallel cases, but usually with one helix shifted relative to the other or with less extensive contact along the length of the helix.