

Table 4S. Nucleic acid backbone torsion angles obtained from the Chro-DNA complexes I (CPXI)										
Chain ID	Number	Residue	α	β	γ	δ	ϵ	ζ	x	p
A	1	T	-63.1	-165.17	-1.73	123.49	-159.43	-75.41	-153.2	40.56
A	2	T	-54.31	-178.32	33.59	106.23	-164.71	-78.01	-136.65	63.06
A	3	G	143.72	-153.51	41.79	126.34	-179.47	-109.34	-131.93	131.51
A	4	G	-58.32	-163.63	-167.38	103.95	-164.1	-84.33	-176.7	91.39
A	5	C	-53.46	-169.6	41.91	114.83	-179.74	-92.62	-149.31	99.32
A	6	C	-64.87	-164.42	48.32	120.73	-168.79	-97.45	-144.45	126.32
A	7	A	-71.16	-171.02	52.33	151.61	-172.84	-104.55	-110.29	182.76
A	8	A	v. α .	n.a.	43.45	145.78	n.a.	n.a.	-94.01	158.09
B	9	T	-59.6	-169.34	47.27	125.86	179.79	-89.01	-129.25	129.3
B	10	T	-55.73	173.69	38.67	137.74	-172.35	-106.52	-119.93	137.36
B	11	G	121.5	-152.14	37.72	105.13	-165.93	-98.16	-142.88	75.09
B	12	G	-55.42	-166.42	-147.75	95.47	-158.15	-68.18	-172.82	48.95
B	13	C	-60.25	179.55	36.02	101.54	-173.68	-87.19	-160.74	48.77
B	14	C	-65.39	-174.4	61.73	98.53	-159.11	-82.38	-154.22	34.78
B	15	A	-79.22	-164.16	58.79	141.77	-177.02	-91.15	-119.47	163.87
B	16	A	n.a.	n.a.	47.61	144.68	n.a.	n.a.	-100.74	163.85