

# Progressive compaction as DNA is packaged into a chromosome.

	Packing ratio		Length ( $\mu\text{m}$ )
	At each step	Cumulative	
100 Mbp B DNA	1	1	34,000
Nucleosome	6	6	5,700
Zig-zagging string	7.5	45	760
Loop	4	180	190
Cloud of loops	10	1,800	19
Domain	10	18,000	1.9



From 'Principles of Nuclear Structure & Function'  
by Peter R. Cook. © 2001 John Wiley & Sons, Inc. All rights reserved.