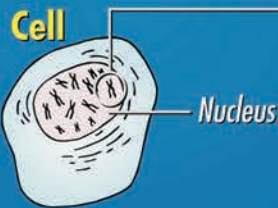
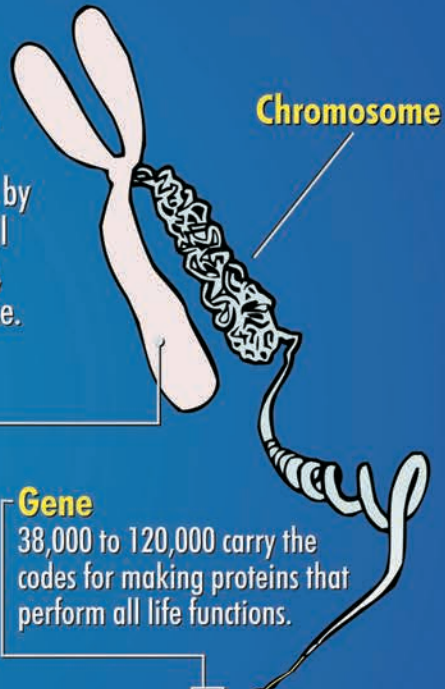


# Code of Life

The base pairs that form the rungs of the DNA ladder in the human chromosome have been sequenced by scientists. This genetic blueprint will likely lead to better understanding, prevention and treatment of disease.



**Gene**  
38,000 to 120,000 carry the codes for making proteins that perform all life functions.

**Base Pairs**  
3.1 billion spell out the code - represented by letters A, T, G and C, for the chemicals adenine, thymine, guanine and cytosine.



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**CODE OF LIFE** — The base pairs that form the rungs of the DNA ladder in the human chromosome have been sequenced by scientists. This genetic blueprint will likely lead to better understanding, prevention and treatment of disease. (June 28, 2000) (CNS graphic by Anthony De Feo and Nancy Wiechec) See *GENOME* June 27, 2000.