

Biology Terms and Model Organisms

Keywords

prokaryotes
eukaryotes
proteins
nucleic acid
deoxyribonucleic acid: DNA
ribonucleic acid: RNA
central dogma of biology
human genome
chromosomes
cell
nucleus
cytoplasm
base pair
Watson-Crick base pairing
adenine, thymine
cytosine, guanine
uracil
deoxyribose
ribose
nucleotide
double helix
DNA sequence
upstream
downstream
gene
exons
introns
strand
amino acid
genetic code

messengerRNA: mRNA
ribosome
transcription
translation
complementary DNA
strand
transfer RNA: tRNA
codon
anticodon
start codon
stop codon
methionine
gene expression
splicing
human genome project
splice donor site
splice acceptor site
consensus sequence
alternative splicing
purine
pyrimidine

E.coli
baker's yeast
arabidopsis
drosophila
C.elegans