

# 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  
TSS  
translation  
complementary DNA  
strand  
transfer RNA: tRNA  
codon  
anticodon  
start codon  
stop codon  
5' UTR  
3' UTR  
methionine  
gene expression  
human genome project  
splicing  
donor splice site  
acceptor splice site  
alternative splicing  
cryptic splice site  
consensus sequence  
*E.coli*  
baker's yeast  
arabidopsis  
drosophila  
*C.elegans*