

## Chapter 20 Terms

genetic engineering	genomic library
recombinant DNA	cDNA library
biotechnology	polymerase chain reaction (PCR)
nucleic acid probe	in vitro mutagenesis
gene cloning	gel electrophoresis
restriction enzymes	Southern blotting
antisense nucleic acid	restriction fragment
restriction fragments length polymorphisms (RFLPs)	artificial chromosomes
cloning vector	in situ hybridization
nucleic acid hybridization	Ti plasmid
denaturation	Human Genome Project
expression vector	chromosome walking
restriction site	DNA microarray assays
complementary DNA (cDNA)	vaccine
electroporation	DNA fingerprint simple tandem repeats (STRs)

