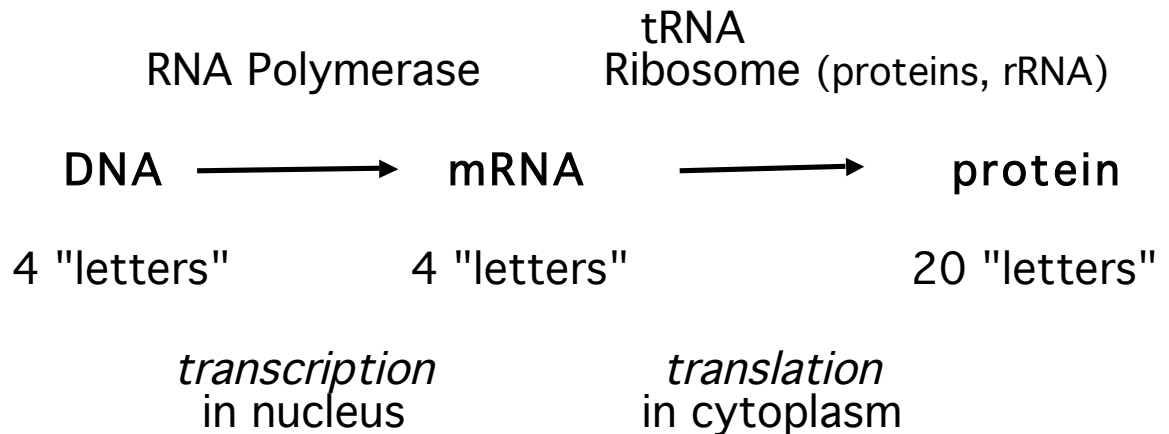


Chapter 3 Human genetics

A. Gene function

Genes and protein synthesis and mutations



B. Genetic diseases

Identification of genes

Pedigrees/DNA markers

Diseases (CF, PKU, Albinism, Huntington Disease, DMD)

C. Use/Misuse of genetic information

Genetic engineering/Gene Therapy

Prenatal testing

PCR (polymerase chain reaction)

Eugenics (positive/negative)