

MOLECULAR BIOLOGY
II: RNA synthesis
2.25.05

RNA

Uracil

Ribose

Gene

mRNA

rRNA

tRNA

Transcribed region of a gene

Promoter

Un-(or non-) transcribed region of a gene

TATA box

Transcription factor

Activator

Repressor

Sequence-specific DNA binding protein

Initiation complex

Chromatin

Histones

Splicing

Exon

Intron

Alternate splicing

Gene expression