

Transcription

Fill in the blank:

Transcription happens right after _____

_____ is the molecule that gets transcribed.

_____ and _____ control transcription regulation.

Regulatory sequences influence the _____ of RNAP II.

What is RNA polymerase used for? What do they need to get started?

At the transcription start site:

Describe chain elongation:

What initiates termination? How does termination work?

What are some differences between transcription between eukaryotes and prokaryotes?

What is RNA polymerase II (RNAP II) responsible for?

What is the TATA box?

Describe enhancers and silencers?

Describe transcription factors. Talk about general factors as well as activators and repressors.

What are the 3 post-transcriptional modifications that are required to produce mature mRNA?

What are introns? What are exons? What does it mean when they are “spliced”?