

Chapter 16 Review Sheet

1. Describe the key steps of transcription:

Initiation-

Elongation-

Termination-

2. Fill in the following table:

DNA Triplet	mRNA Codon	Anticodon	Amino Acid
			methionine
		GGA	
TTC			
	UAG		

3. Define the following, and explain what type of point mutation could cause each of these mutations.

silent mutation:

missense mutation:

nonsense mutation:

frameshift mutation:

4. Fill in the following table:

	Transcription	Translation
Template		
Location		
Molecules Involved		
Enzymes Involved		
Control- start & stop		
Product		
Product processing		
Energy source		