

BIG Unit:

Why is DNA important?

Why are proteins important?

Problem of DNA:

Solution:

Protein Synthesis =

1

Transcription:

2

Translation:

FOLD along this line

Glue this side down into
your ISN using only
4 dots of glue

"A dot is a lot!"



FOLD along this line

Mini-Unit:

2 Types of Nucleic Acids

Goal:

Complimentary Base Pairing

DNA

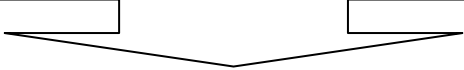
T
A
C
C
G
C
T
A
C
C
A
T

RNA

T
A
C
C
G
C
T
A
C
C
A
T

1

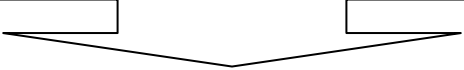
Transcription:



Step	Description	Diagram

2

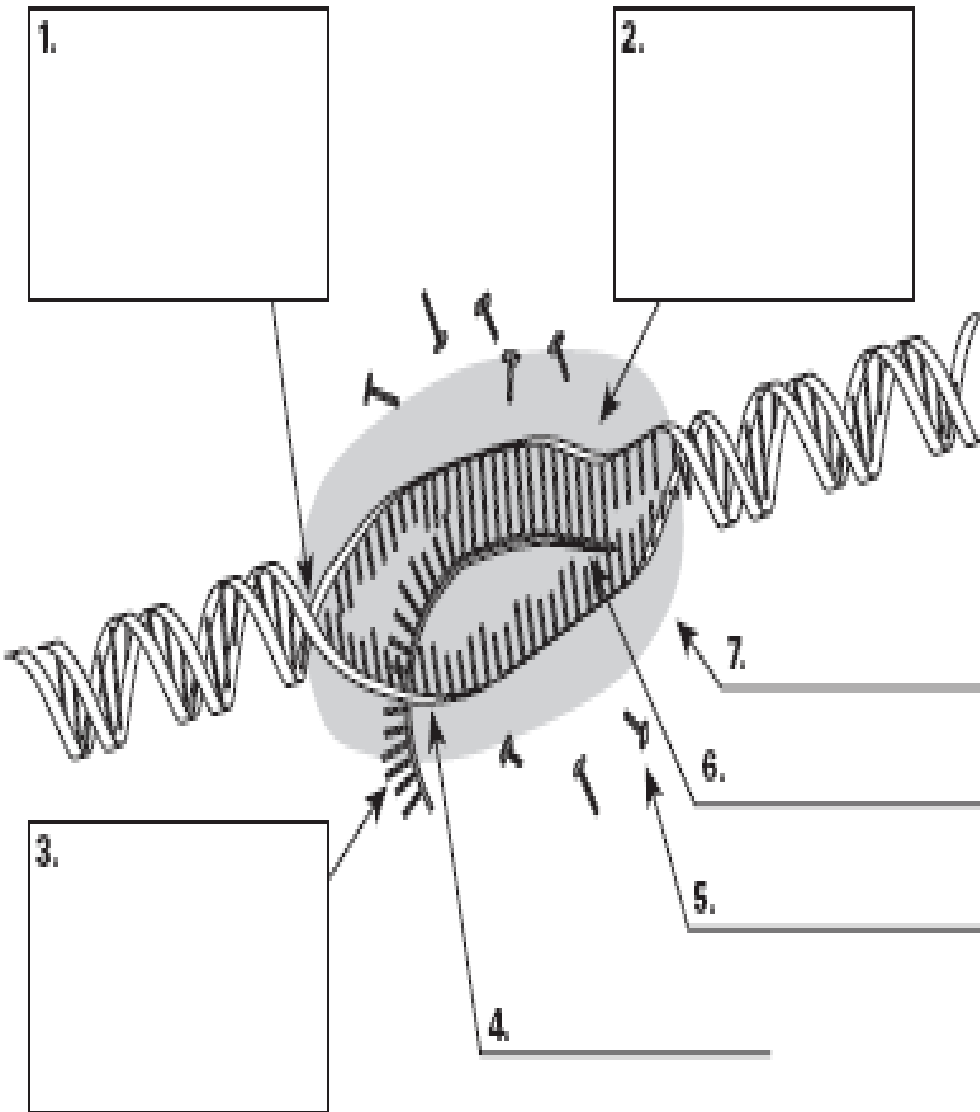
Translation:



Step	Description	Diagram

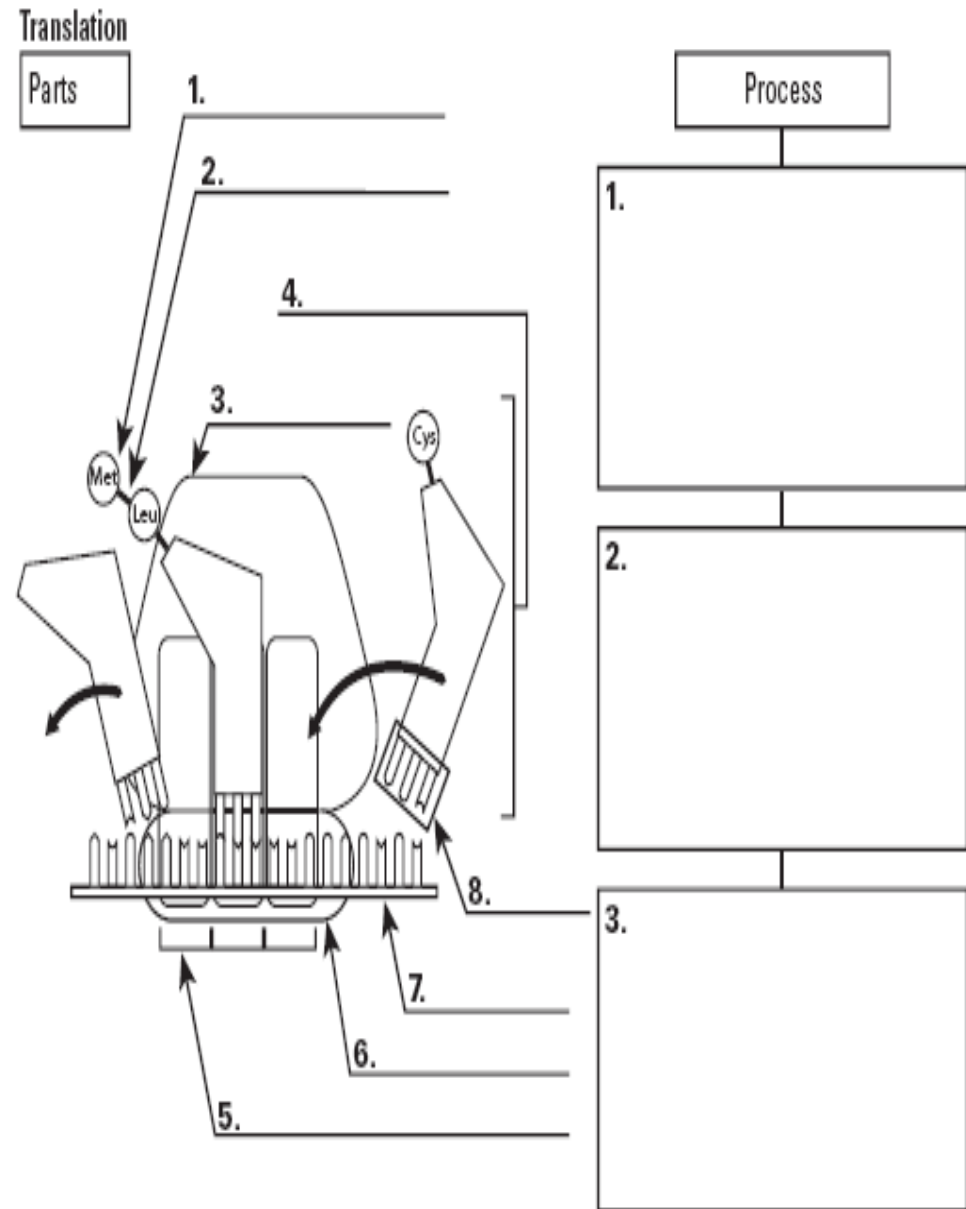
CUT along
this line

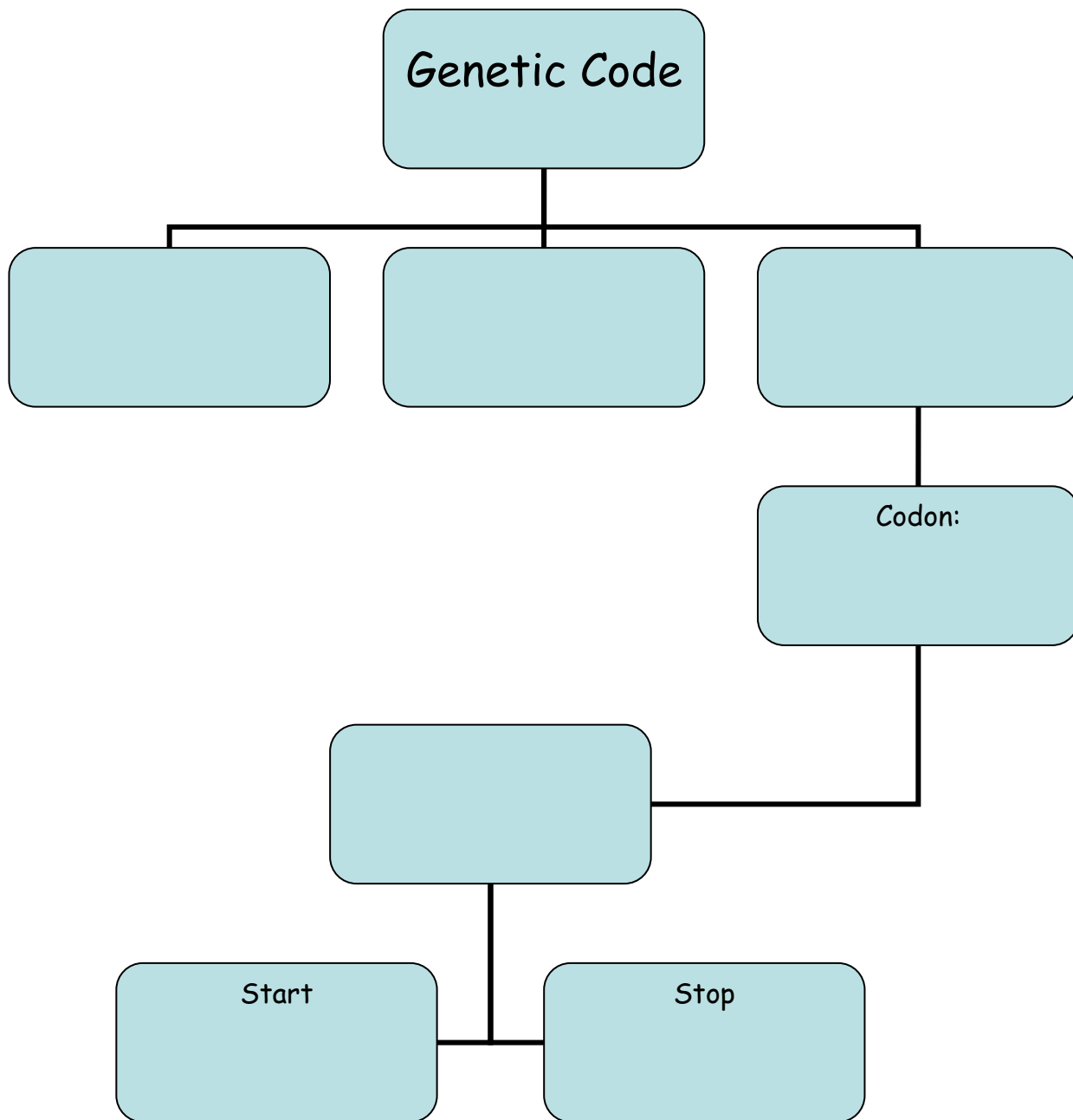
Identify the structures involved in TRANSCRIPTION and summarize each step



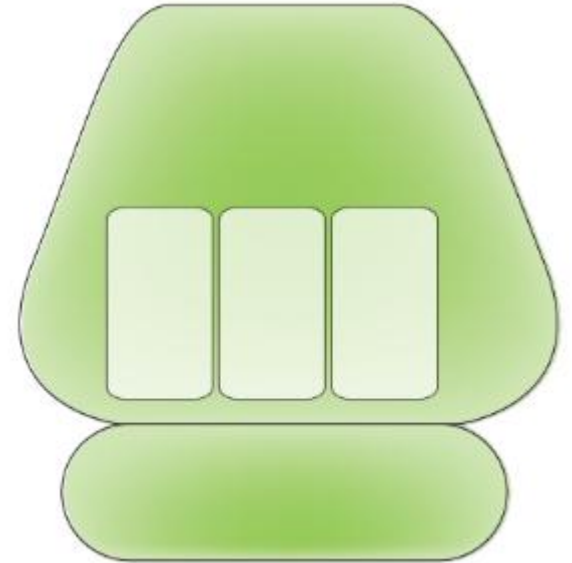
CUT along this line

Identify the structures involved in TRANSLATION and summarize each step





What determines the function of a protein?



Important Structures in Translation