



place where ribosome forms covalent bond between amino acids



tRNA with amino acid

tRNA with next amino acid

codon

next codon

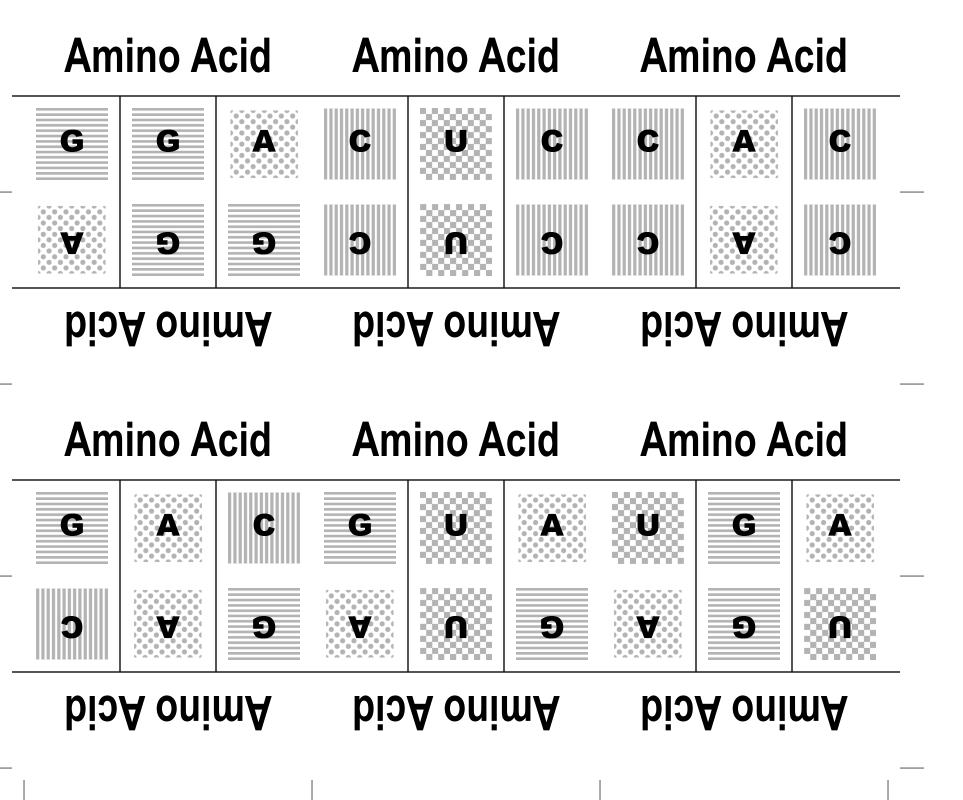
**mRNA** 

Beginning of Hemoglobin Gene	C	<b>A</b>	C	G	T	A	G	A	С
Beginning of Hemoglobin Gene	C	<b>A</b>	C	G	<b>T</b>	<b>A</b>	G	A	C
Beginning of Hemoglobin Gene	C	<b>A</b>	C	G	7	A	G	A	C
Beginning of Hemoglobin Gene	C	<b>A</b>	C	G		A	G	A	C
Beginning of Hemoglobin Gene	C	<b>A</b>	C	G	<b>T</b>	<b>A</b>	G	<b>A</b>	C
Beginning of Hemoglobin Gene	C	<b>A</b>	C	G	<b>T</b>	<b>A</b>	G	<b>A</b>	C
Beginning of Hemoglobin Gene	C	<b>A</b>	C	G	<b>T</b>	A	G	A	C
Beginning of Hemoglobin Gene	C	A	C	G	<b>T</b>	A	G		C
Beginning of hemog	llobin gene - 8	sets	I	I		I	l l		

			I	I	I			
Second Part of mRNA	<b>A</b>	G	U	C	C	U	C	A
G Second Part of mRNA	<b>A</b>	G	U	C	C	U	C	<b>A</b>
G Second Part of mRNA	<b>A</b>	G	U	C	C	U	C	<b>A</b>
G Second Part of mRNA	<b>A</b>	G	U	C	C	U	C	<b>A</b>
G Second Part of mRNA	<b>A</b>	G	U	C	C	U	C	
G Second Part of mRNA	<b>A</b>	G	U	C	C	U	C	<b>A</b>
G Second Part of mRNA	<b>A</b>	G	U	C	C	U	C	A
G Second Part of mRNA	A	G	U	C	C	U	C	
		I	I	I	I	sets	of mRNA - 8 s	Second Part

	1	1	1	I	ı	ı	1	l l
A	C	С	G	G	G	U	U	U
	C	C	G	G	G	U	U	U
A	C	C	G	G	G	<b></b>	U	
A	C	С	G	G	G	U	U	Ü
A	C	C	G	G	G	U	U	U
A	C	C	G	G	G	U	Ü	Ü
_		C	G	G	G	U	U	
A		C	G	G	G	U	U	U
RNA neucloti	ides - 8 sets	1	'	<b>!</b>	ı	ı	'	1

RNA neuclotides - 8 sets



Leucine **Valine Histidine Valine** Leucine Histidine **Valine** Leucine **Histidine Valine** Leucine **Histidine Threonine Proline Glutamic Acid Threonine Glutamic Acid Proline Threonine Proline Glutamic Acid Glutamic Acid Threonine Proline**