

Translate Your Name Into DNA Code

Write your name in the space below and use the table to translate it into a DNA sequence.

Our Alphabet	Amino Acid Name	Simplified Codon
A	Alanine	GCT
B		GCA (Alanine)
C	Cysteine	TGC
D	Aspartic acid	GAT
E	Glutamic acid	GAG
F	Phenylalanine	TTT
G	Glycine	GGG
H	Histidine	CAT
I	Isoleucine	ATA
J		ATC (Isoleucine)
K	Lysine	AAG
L	Leucine	CTC
M	Methionine	ATG
N	Asparagine	GAC
O		GAT (Asparagine)
P	Proline	CCC
Q	Glutamine	GAG
R	Arginine	CGT
S	Serine	TCA
T	Threonine	ACT
U		ACG (Threonine)
V	Valine	GTC
W	Tryptophan	TGG
X		GTA (Valine)
Y	Tyrosine	TAC
Z		TAT (Tyrosine)

Name: _____

Code: _____

To have even more fun, assign each letter in the DNA code a bead color and make DNA codon name necklaces! For example, A= Red, C= Green, G= Blue and T= Yellow. Wear your code and compare with your friends!

