

Translate Your Name Into DNA Code

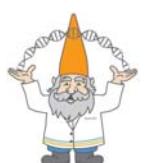
Write your name in the space below and use the table to translate it into a DNA sequence.

| 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!



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