

9. Click on: **[Click here to begin](#)** and make an RNA copy - what is the mRNA sequence you created?

Try translating the following sequences yourself:

a. GATTAAGTTGTACCTACTGTCATACGATCGAGGGTCA

b. GAAGTATACACAGGTTAAGCTTAGGGCATTTATTGAATAG

8. Now let's make translation fun and delicious. On the next page is the Standard Genetic Code Table that I have modified. You will again be translating genetic code, but instead of building protein sandwiches, Translate the DNA sequence below.

a. If your last name starts with a letter A – M, translate this segment of DNA:  
GGGGCTCTTAACTTCCGAATAG  
List your "amino acid" (marshmallow sandwich) ingredients in order.

b. If your last name starts with N – Z, translate this segment of DNA:  
ACAGCTAAGTCTCTTGTGAATGA  
List your "amino acid" (marshmallow sandwich) ingredients in order.