



## Why Do Some People with the Sickle Cell Genotype Not have Symptoms?

Use the chart below to translate mRNA codons into amino acids. Each **codon** is made up of three nucleotides. Find the first nucleotide in the center of the chart, and move outward to find the second nucleotide and then the third. The outermost ring of the chart shows the amino acid that corresponds to the codon. For example, if the codon is UCC, the amino acid is Ser.

