Codon Chart and Wheel

|  | $U$ | $C$ | A | $G$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| U | Phenylalanine Phenylalanine Leucine Leucine | Serine <br> Serine <br> Serine <br> Serine | Tyrosine Tyrosine Stop Stop | Cysteine <br> Cysteine <br> Stop <br> Tryptophan | U $C$ $A$ $G$ |
| C | Leucine <br> Leucine <br> Leucine <br> Leucine | Proline Proline Proline Proline | Histidine Histidine Glutamine Glutamine | Arginine Arginine Arginine Arginine | U C A G |
| A | Isoleucine Isoleucine Isoleucine Methionine | Threonine Threonine Threonine Threonine | Asparagine Asparagine Lysine Lysine | Serine <br> Serine <br> Arginine <br> Arginine | U C A $G$ |
| $G$ | Valine <br> Valine <br> Valine <br> Valine | Alanine <br> Alanine <br> Alanine <br> Alanine | Aspartic acid Aspartic acid Glutamic acid Glutamic acid | Glycine <br> Glycine <br> Glycine <br> Glycine | U $C$ $A$ $G$ |



