**The Triplet Code**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | **2nd position** |  |  |  |
| **1ST position** | **A** | **G** | **T** | **C** | **3rd position** |
| **A** | LysineLysineAsparagineAsparagine | ArginineArginineSerineSerine | Isoleucine**START/Met**IsoleucineIsoleucine | ThreonineThreonineThreonineThreonine | **A****G****T****C** |
| **G** | GlutamateGlutamateAsparagineAsparagine | GlycineGlycineGlycineGlycine | ValineValineValineValine | AlanineAlanine AlanineAlanine | **A****G****T****C** |
| **T** | **STOP****STOP**TyrosineTyrosine | **STOP**TryptophanCystineCystine | LeucineLeucinePhenylalaninePhenylalanine | SerineSerineSerineSerine | **A****G****T****C** |
| **C** | GlutamineGlutamineHistidineHistidine | ArginineArginineArginineArginine | LeucineLeucineLeucineLeucine | ProlineProlineProlineProline | **A****G****T****C** |