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| --- | --- | --- | --- |
| DOMAIN | BACTERIA | ARCHAEA | EUKARYA |
| KINGDOM | Eubacteria | Archaebacteria | Protista | Fungi | Plantae | Animalia |
| CELL TYPE | Prokaryotic | Prokaryotic | Eukaryotic |
| CELL STRUCTURES | Cell walls made of peptidoglycan | Cell walls of a unique lipid composition | Some have walls some have chloroplasts  | Cell walls | Cell walls composed of cellulose | Cell membrane only |
| NUMBER OF CELLS | Unicellular | Unicellular | Mostly unicellular some multicellular | Both | Multicellular | Multicellular |
| MODE OF NUTRITION | Autotrophic or Heterotrophic | Autotrophic or Heterotrophic | Autotrophic or Heterotrophic | Heterotrophic | Autotrophic | Heterotrophic |
| EXAMPLES | Streptococcus, E. Coil | Methanogens, Halophiles,Thermophiles\*extreme environments | Amoeba,Algae | Mushrooms, Yeast, and mold | Mosses, ferns and flowering plants | Frogs, sponge and duck billed Platypus |

 Domain Chart