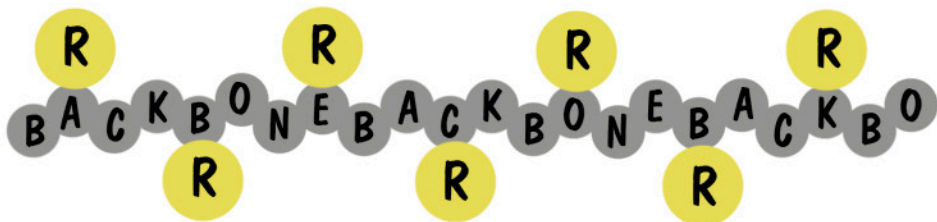


Primary Structure



A sequence of specific amino acids is unique to each protein - this is the protein's **PRIMARY STRUCTURE**



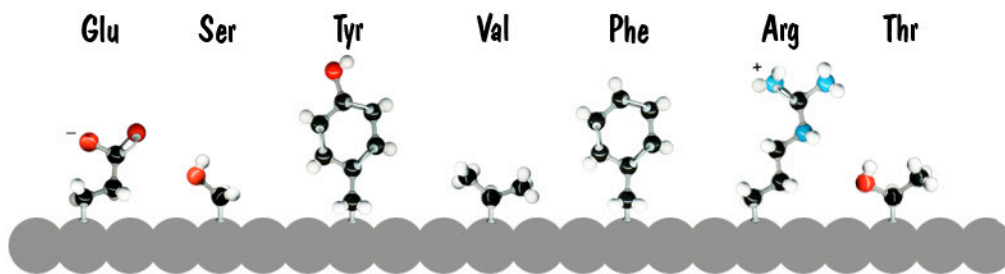
So take another look at our backbone/side chain model



and simplify it a bit so its easier to read



Now let's take the first seven amino acids of our purple polypeptide and see what their side chains look like



The sequence of amino acids isn't random, but is determined by genetic information - DNA.