



As illustrated, all single stranded regions are represented as SSNodes (seen as blue circles) in the graph. These nodes are labeled with odd numbers, the first (5' end) single stranded node is always labeled as a 1. If the structure does not contain a starting single stranded region, one is inserted here anyhow as a "dummy node". Double stranded regions are represented by DSNodes (seen as yellow squares). They are always labeled with odd numbers. The first step in making your own seed graph is to draw your structure and then draw a corresponding labeled graph which follows these rules.