

**Probability >= 99%**

**99% > Probability >= 95%**

**95% > Probability >= 90%**

**90% > Probability >= 80%**

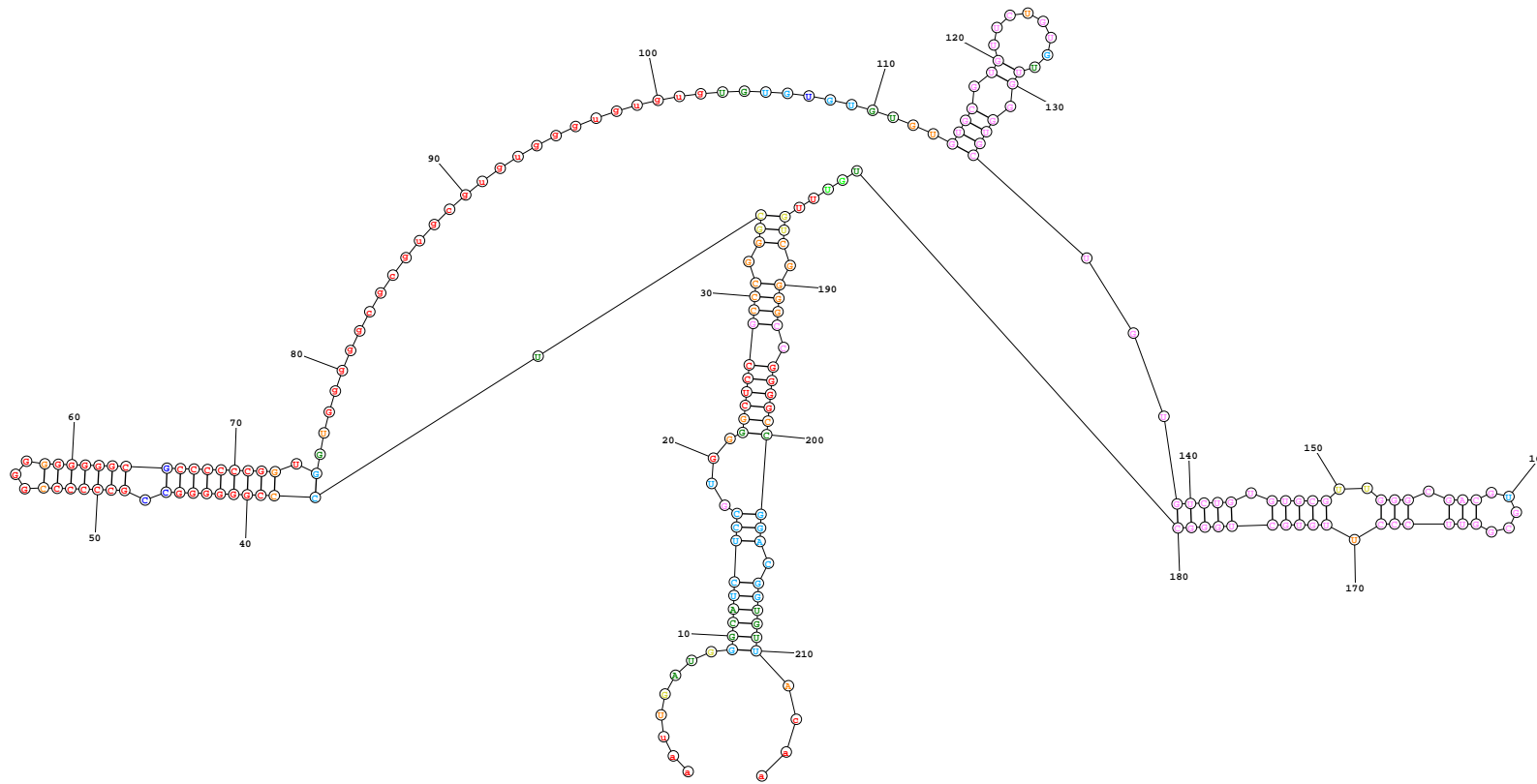
**80% > Probability >= 70%**

**70% > Probability >= 60%**

**60% > Probability >= 50%**

**50% > Probability**

**ENERGY = -93.1 top helix**



**Probability >= 99%**

**99% > Probability >= 95%**

**95% > Probability >= 90%**

**90% > Probability >= 80%**

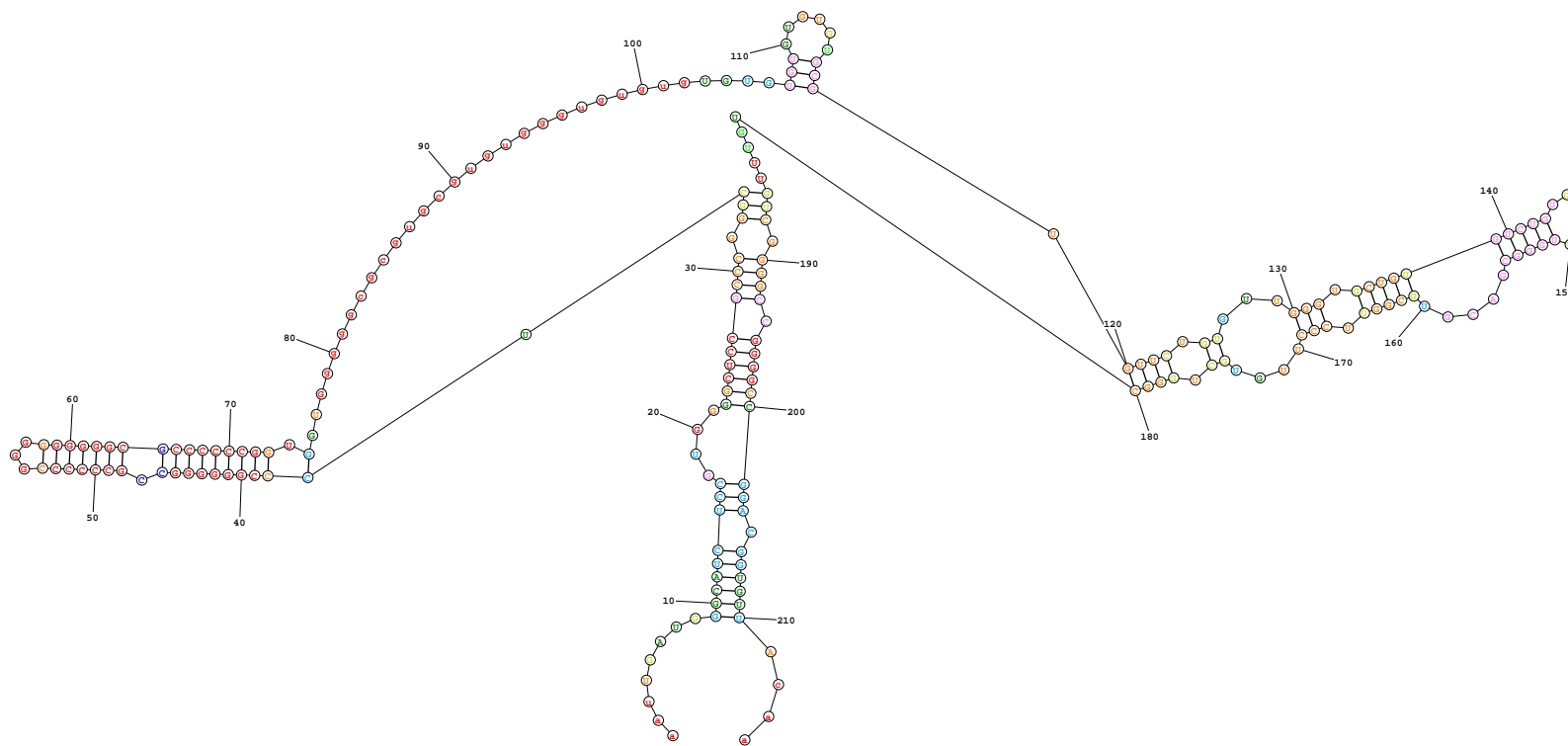
**80% > Probability >= 70%**

**70% > Probability >= 60%**

**60% > Probability >= 50%**

**50% > Probability**

**ENERGY = -90.5 top helix**



**Probability >= 99%**

**99% > Probability >= 95%**

**95% > Probability >= 90%**

**90% > Probability >= 80%**

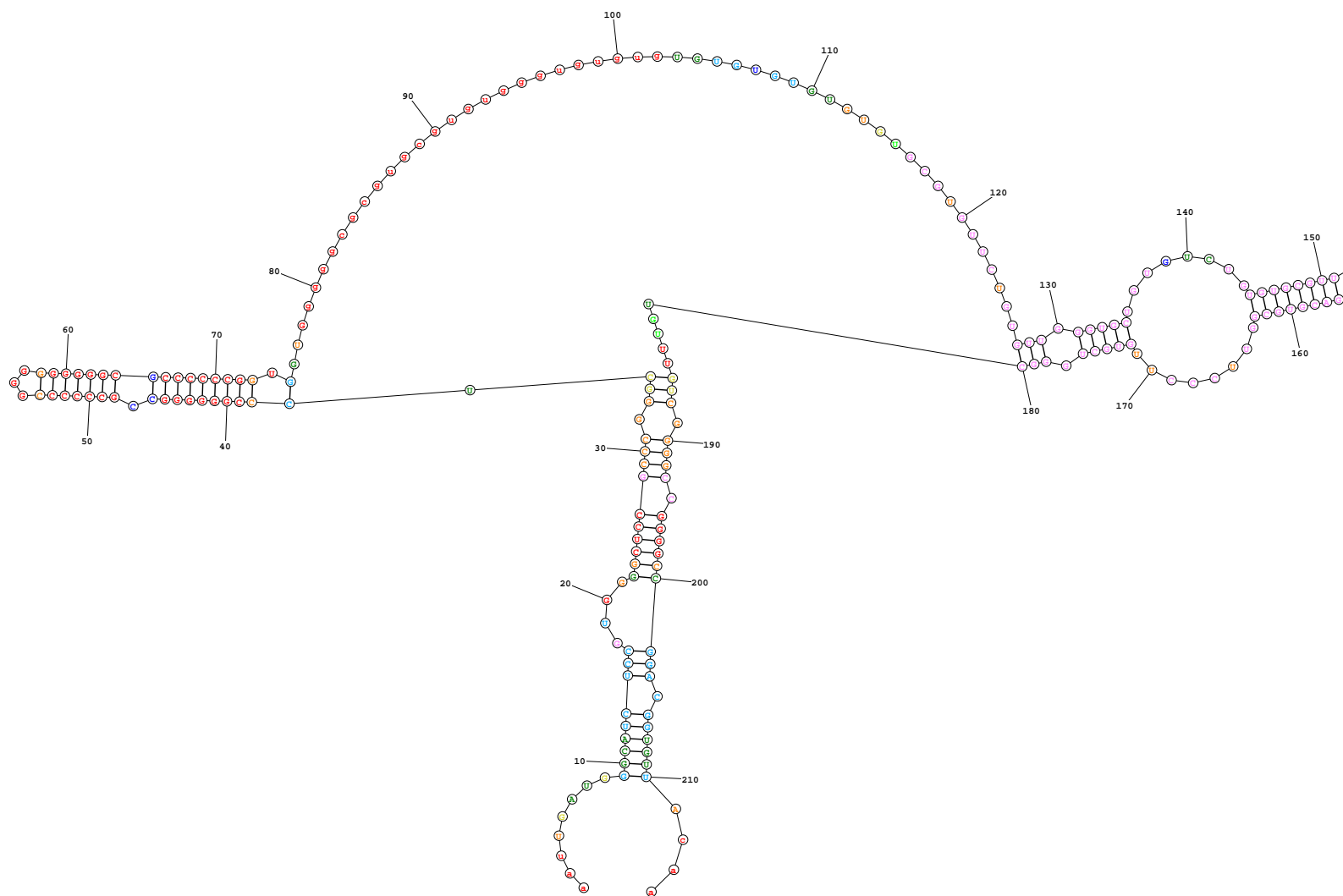
**80% > Probability >= 70%**

**70% > Probability >= 60%**

**60% > Probability >= 50%**

**50% > Probability**

**ENERGY = -90.5 top helix**



**Probability >= 99%**

**99% > Probability >= 95%**

**95% > Probability >= 90%**

**90% > Probability >= 80%**

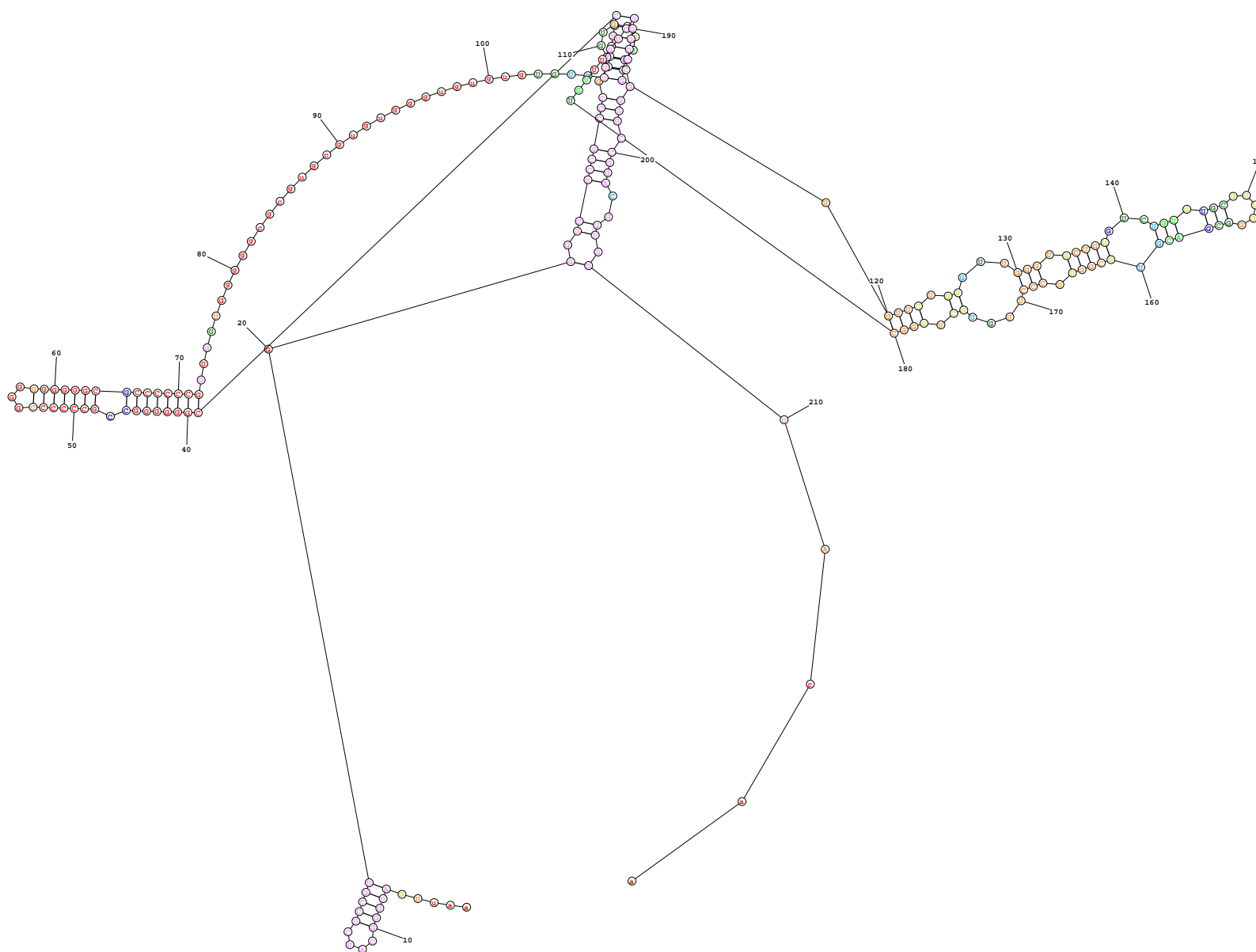
**80% > Probability >= 70%**

**70% > Probability >= 60%**

**60% > Probability >= 50%**

**50% > Probability**

**ENERGY = -90.0 top helix**



**Probability >= 99%**

**99% > Probability >= 95%**

**95% > Probability >= 90%**

**90% > Probability >= 80%**

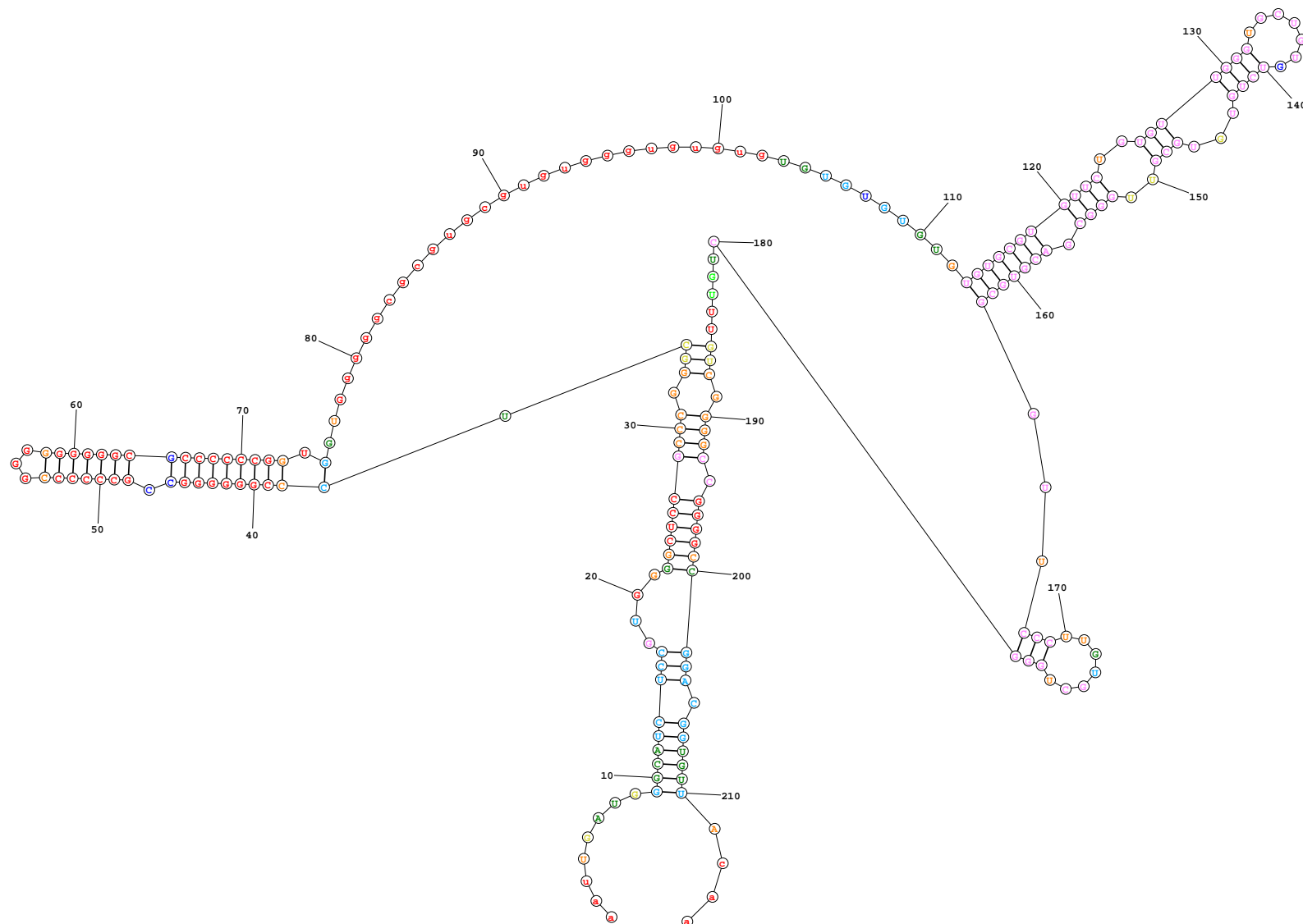
**80% > Probability >= 70%**

**70% > Probability >= 60%**

**60% > Probability >= 50%**

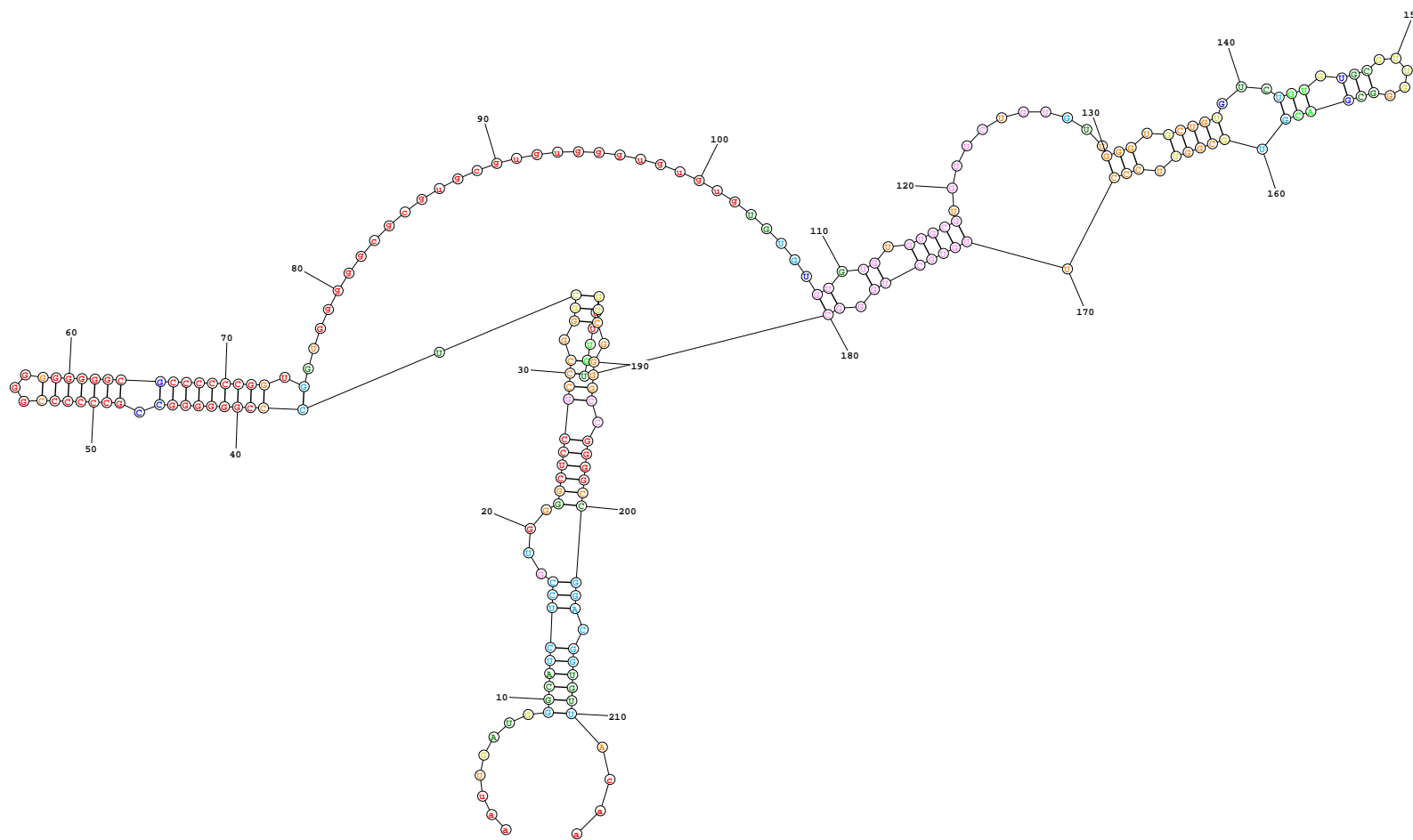
**50% > Probability**

**ENERGY = -89.2 top helix**



**Probability  $\geq$  99%**  
**99% > Probability  $\geq$  95%**  
**95% > Probability  $\geq$  90%**  
**90% > Probability  $\geq$  80%**  
**80% > Probability  $\geq$  70%**  
**70% > Probability  $\geq$  60%**  
**60% > Probability  $\geq$  50%**  
**50% > Probability**

**ENERGY = -89.1 top helix**



**Probability >= 99%**

**99% > Probability >= 95%**

**95% > Probability >= 90%**

**90% > Probability >= 80%**

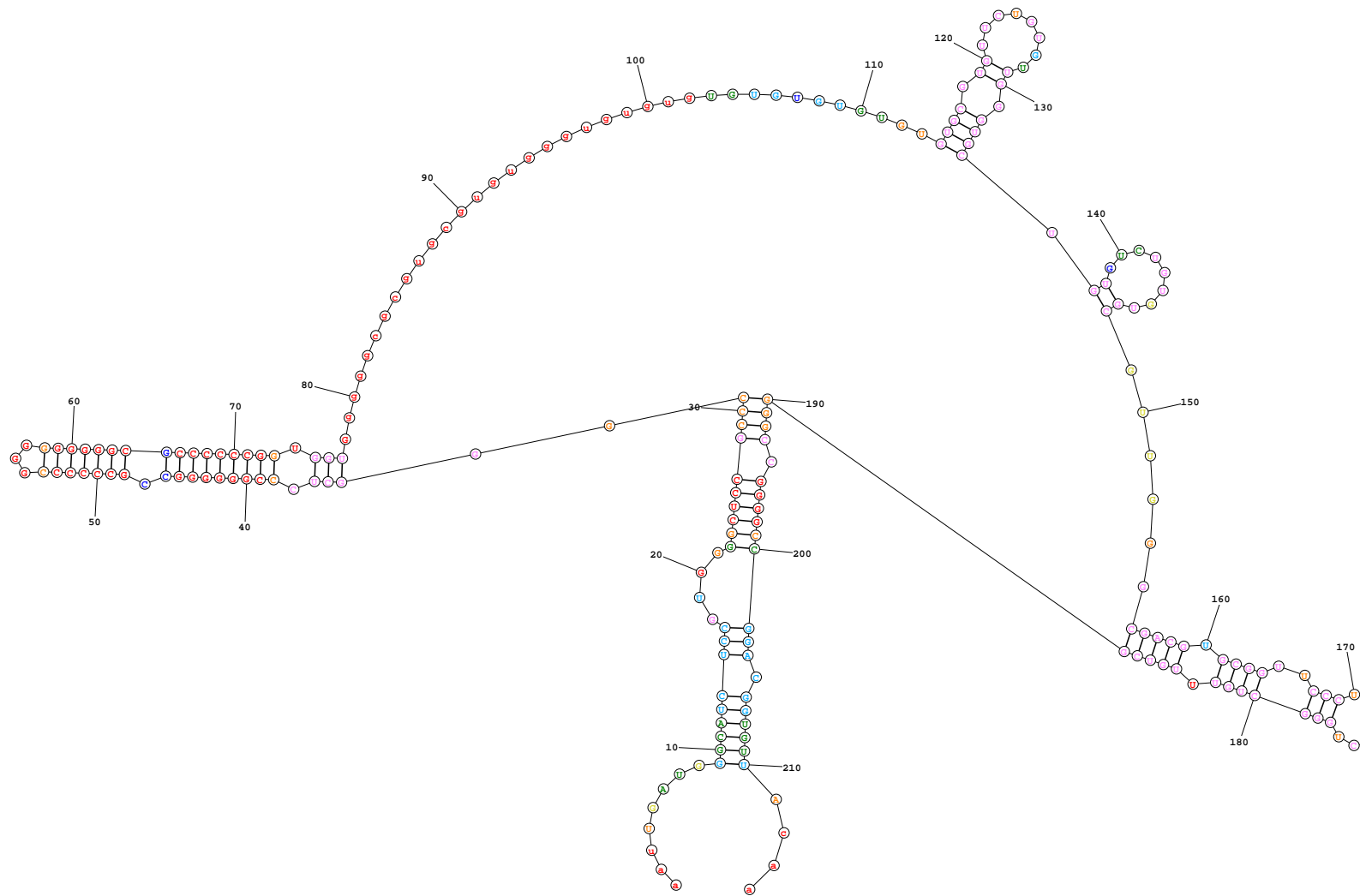
**80% > Probability >= 70%**

**70% > Probability >= 60%**

**60% > Probability >= 50%**

**50% > Probability**

**ENERGY = -89.1 top helix**



**Probability >= 99%**

**99% > Probability >= 95%**

**95% > Probability >= 90%**

**90% > Probability >= 80%**

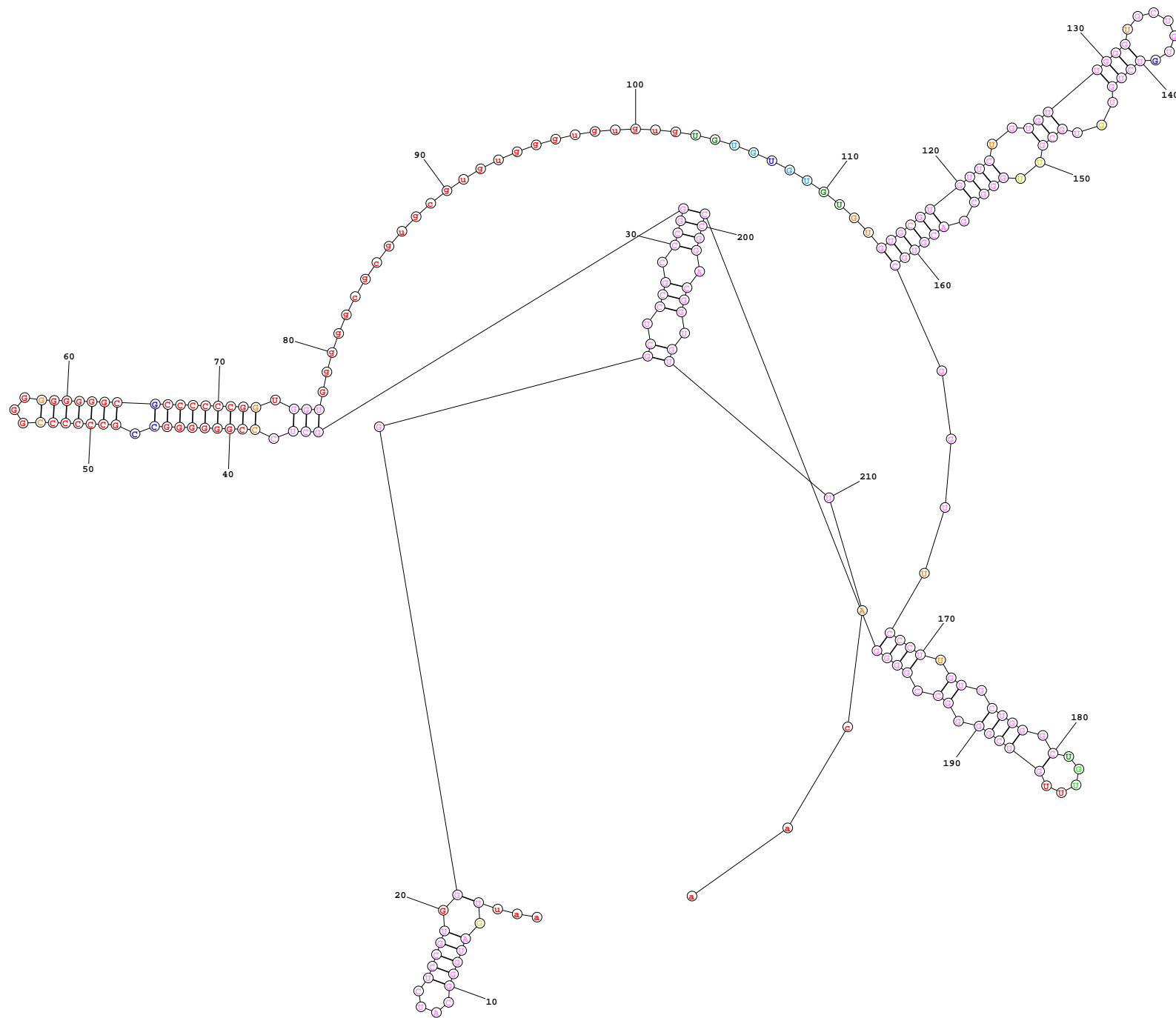
**80% > Probability >= 70%**

**70% > Probability >= 60%**

**60% > Probability >= 50%**

**50% > Probability**

**ENERGY = -88.3 top helix**



**Probability >= 99%**

**99% > Probability >= 95%**

**95% > Probability >= 90%**

**90% > Probability >= 80%**

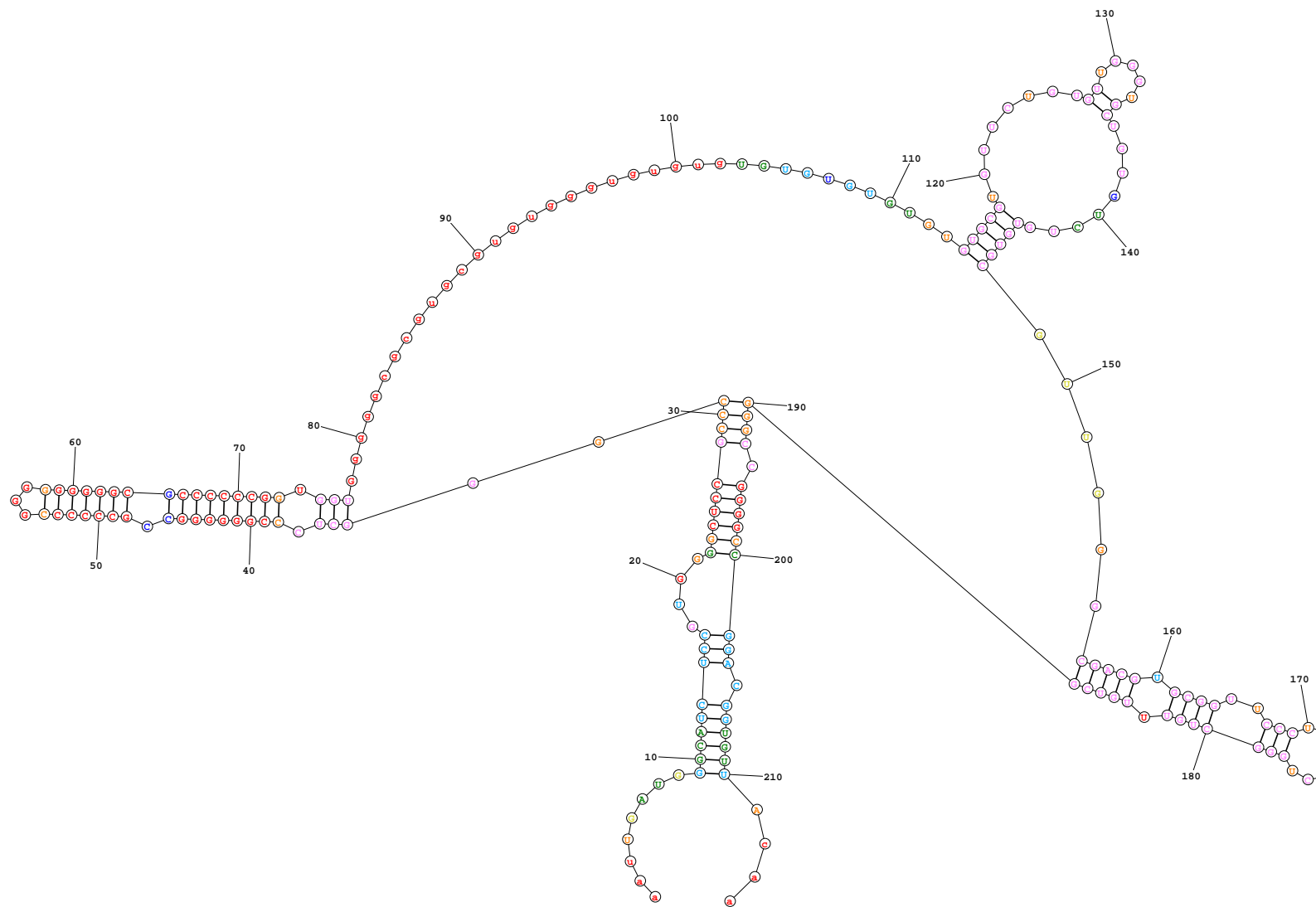
**80% > Probability >= 70%**

**70% > Probability >= 60%**

**60% > Probability >= 50%**

**50% > Probability**

**ENERGY = -88.1 top helix**



**Probability >= 99%**

**99% > Probability >= 95%**

**95% > Probability >= 90%**

**90% > Probability >= 80%**

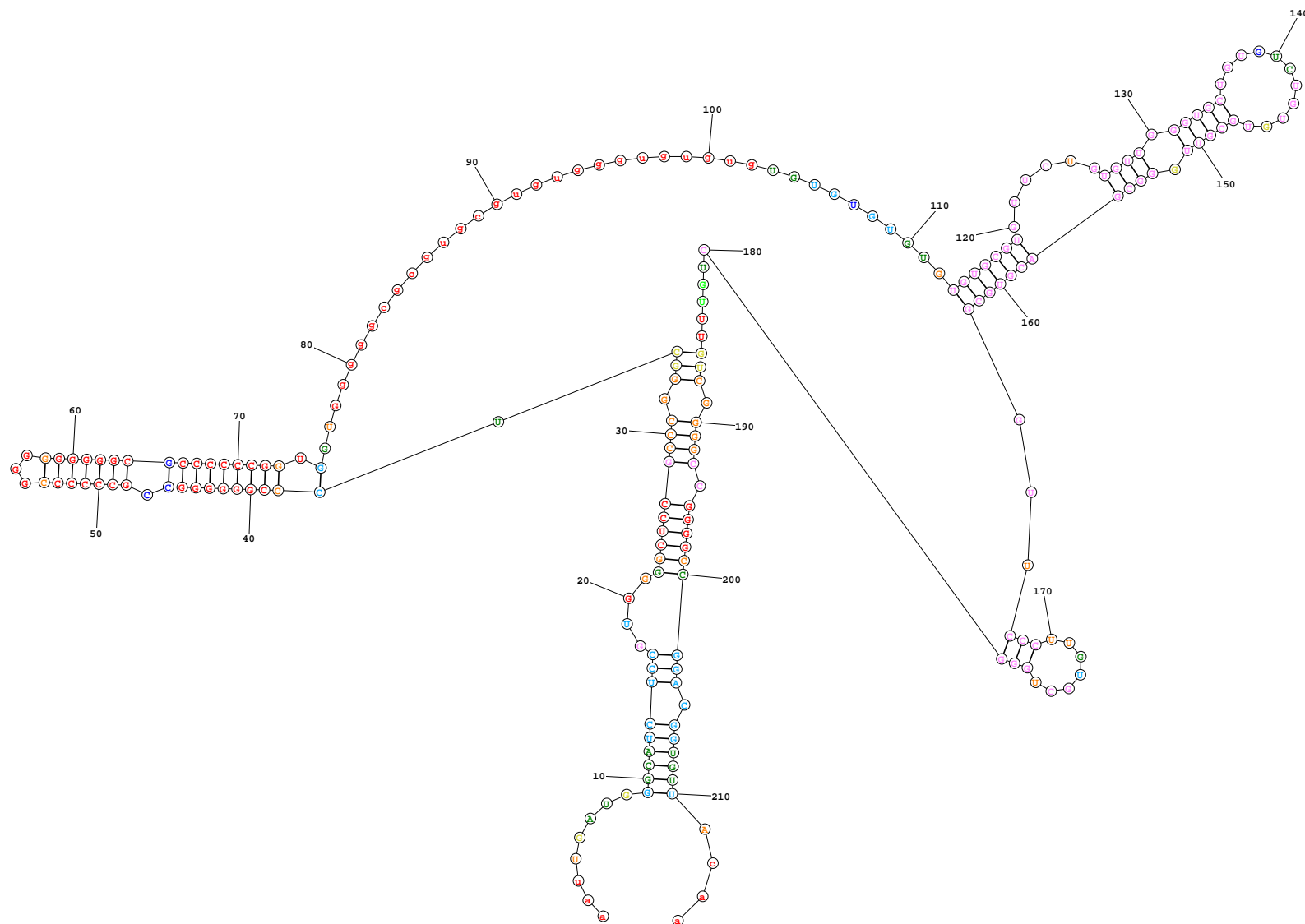
**80% > Probability >= 70%**

**70% > Probability >= 60%**

**60% > Probability >= 50%**

**50% > Probability**

**ENERGY = -87.7 top helix**



**Probability >= 99%**

**99% > Probability >= 95%**

**95% > Probability >= 90%**

**90% > Probability >= 80%**

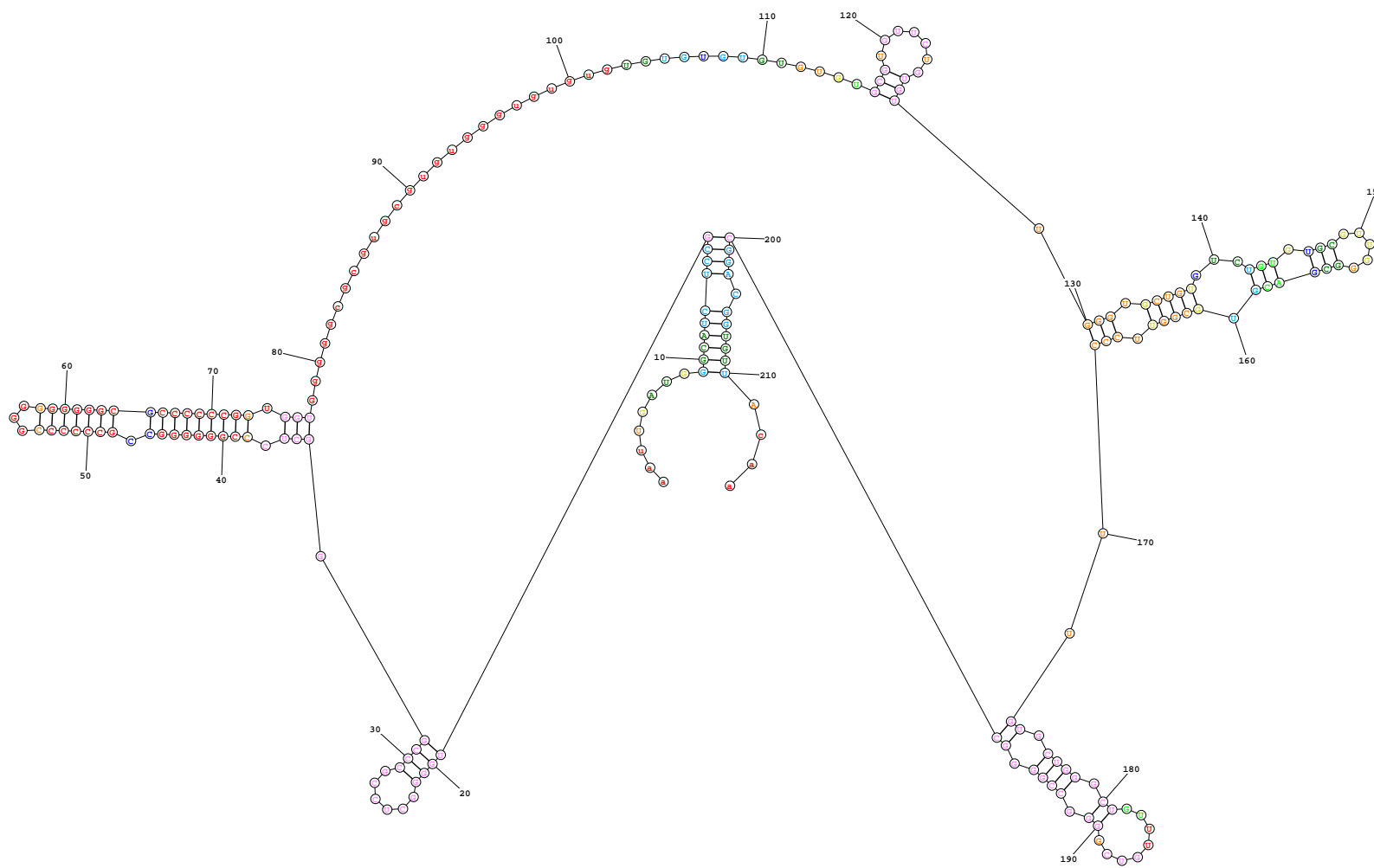
**80% > Probability >= 70%**

**70% > Probability >= 60%**

**60% > Probability >= 50%**

**50% > Probability**

**ENERGY = -87.7 top helix**



**Probability >= 99%**

**99% > Probability >= 95%**

**95% > Probability >= 90%**

**90% > Probability >= 80%**

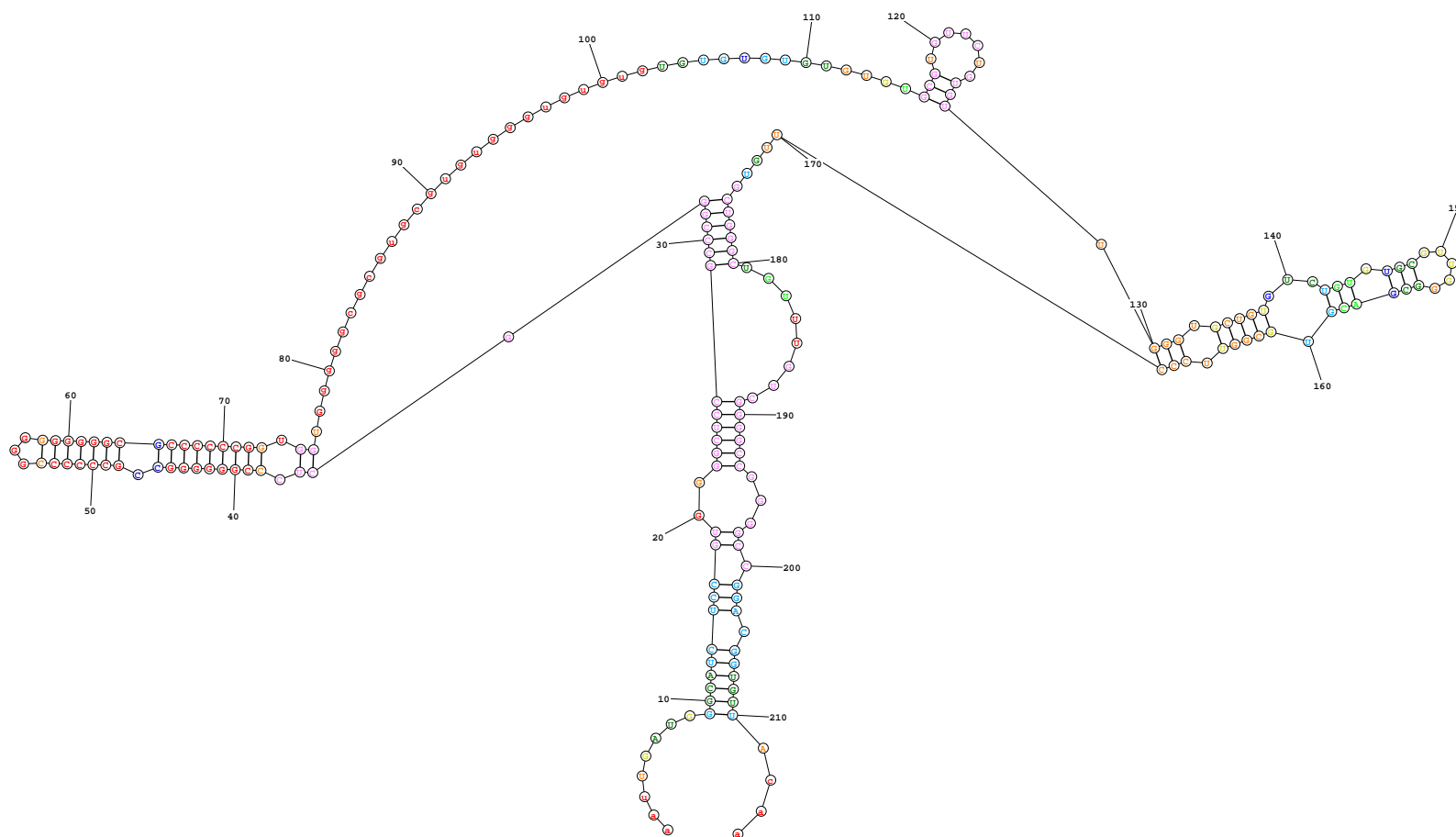
**80% > Probability >= 70%**

**70% > Probability >= 60%**

**60% > Probability >= 50%**

**50% > Probability**

**ENERGY = -87.7 top helix**



**Probability  $\geq$  99%**

**99% > Probability  $\geq$  95%**

**95% > Probability  $\geq$  90%**

**90% > Probability  $\geq$  80%**

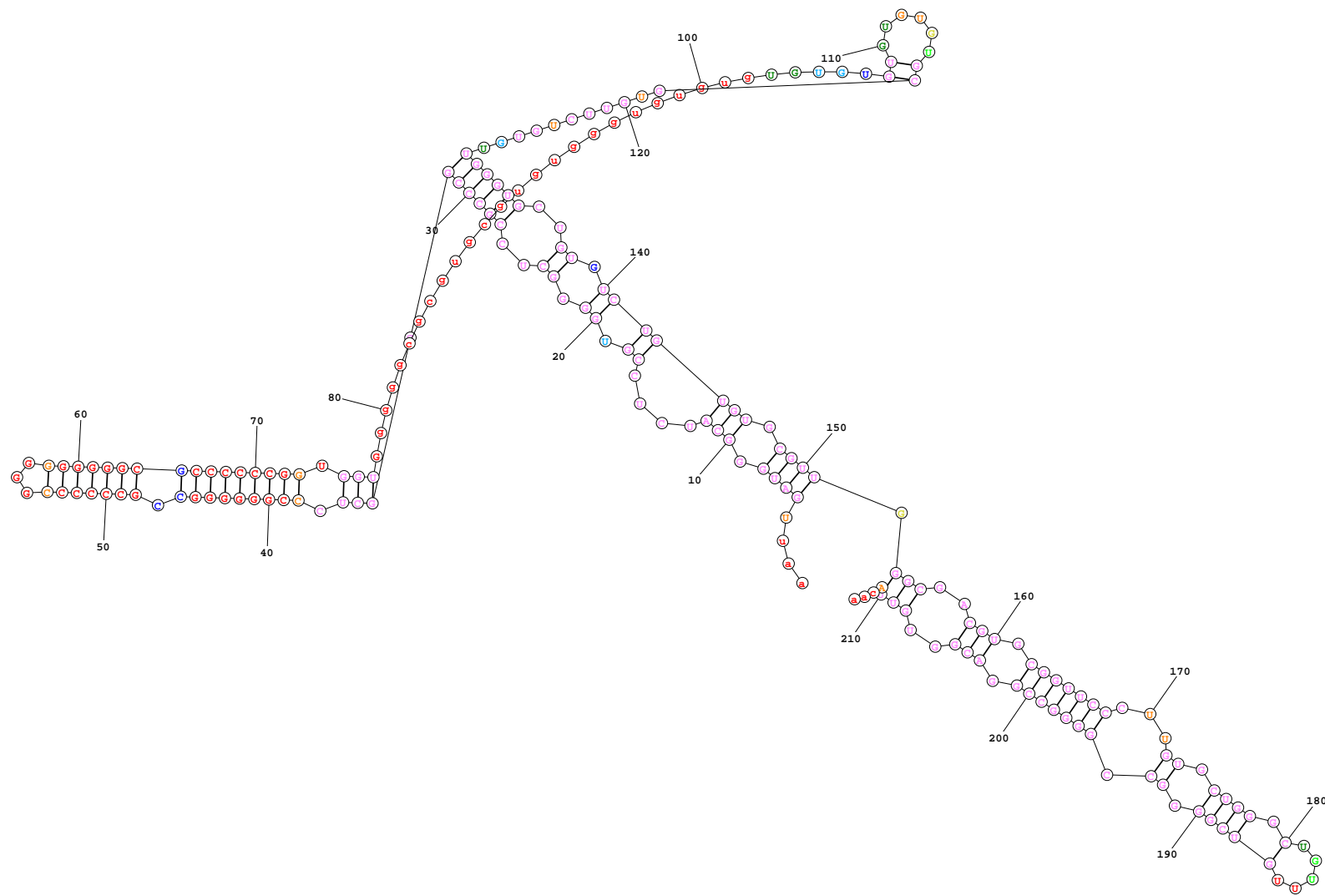
**80% > Probability  $\geq$  70%**

**70% > Probability  $\geq$  60%**

**60% > Probability  $\geq$  50%**

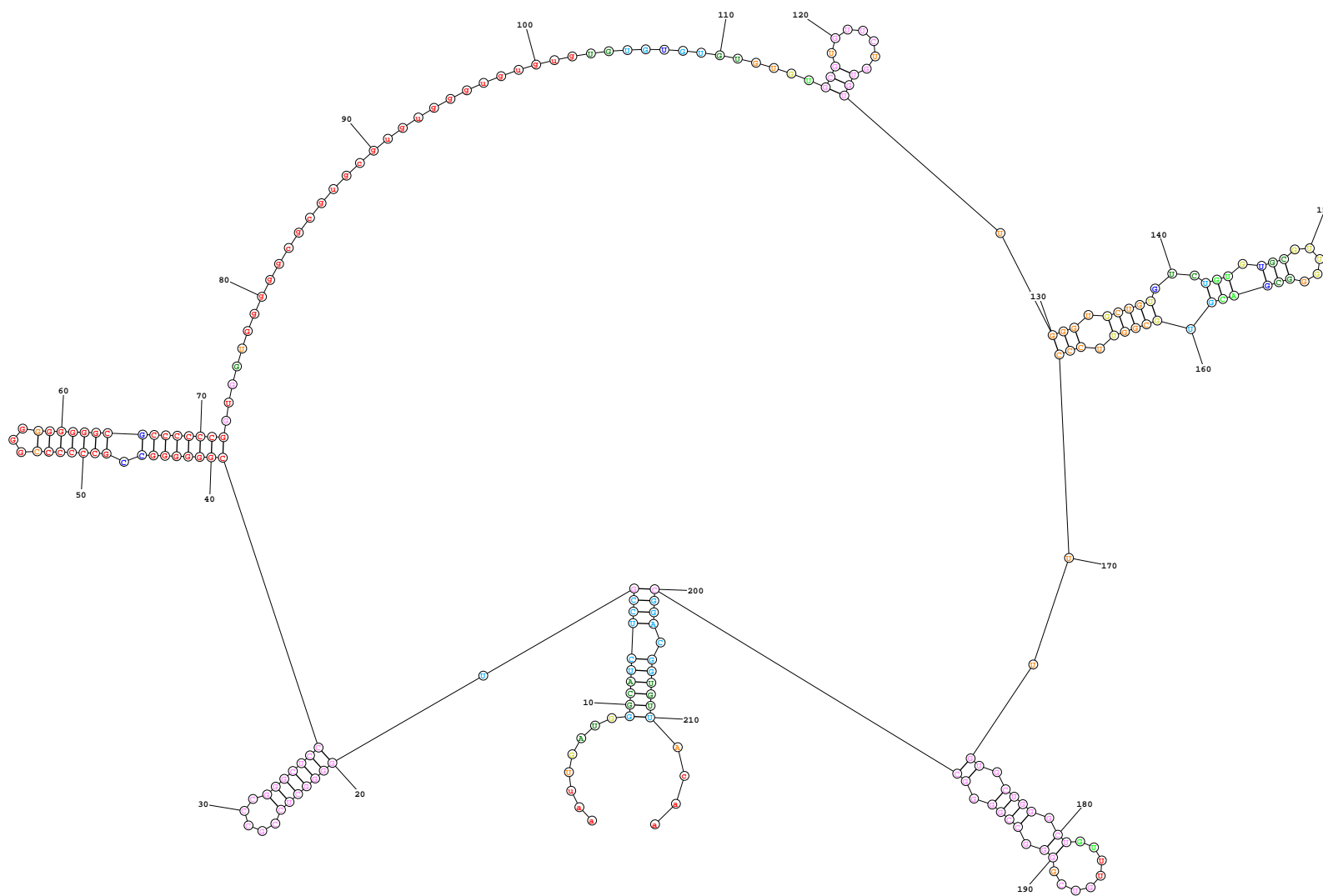
**50% > Probability**

**ENERGY = -87.3 top helix**



**Probability >= 99%**  
**99% > Probability >= 95%**  
**95% > Probability >= 90%**  
**90% > Probability >= 80%**  
**80% > Probability >= 70%**  
**70% > Probability >= 60%**  
**60% > Probability >= 50%**  
**50% > Probability**

**ENERGY = -86.8 top helix**



**Probability >= 99%**

**99% > Probability >= 95%**

**95% > Probability >= 90%**

**90% > Probability >= 80%**

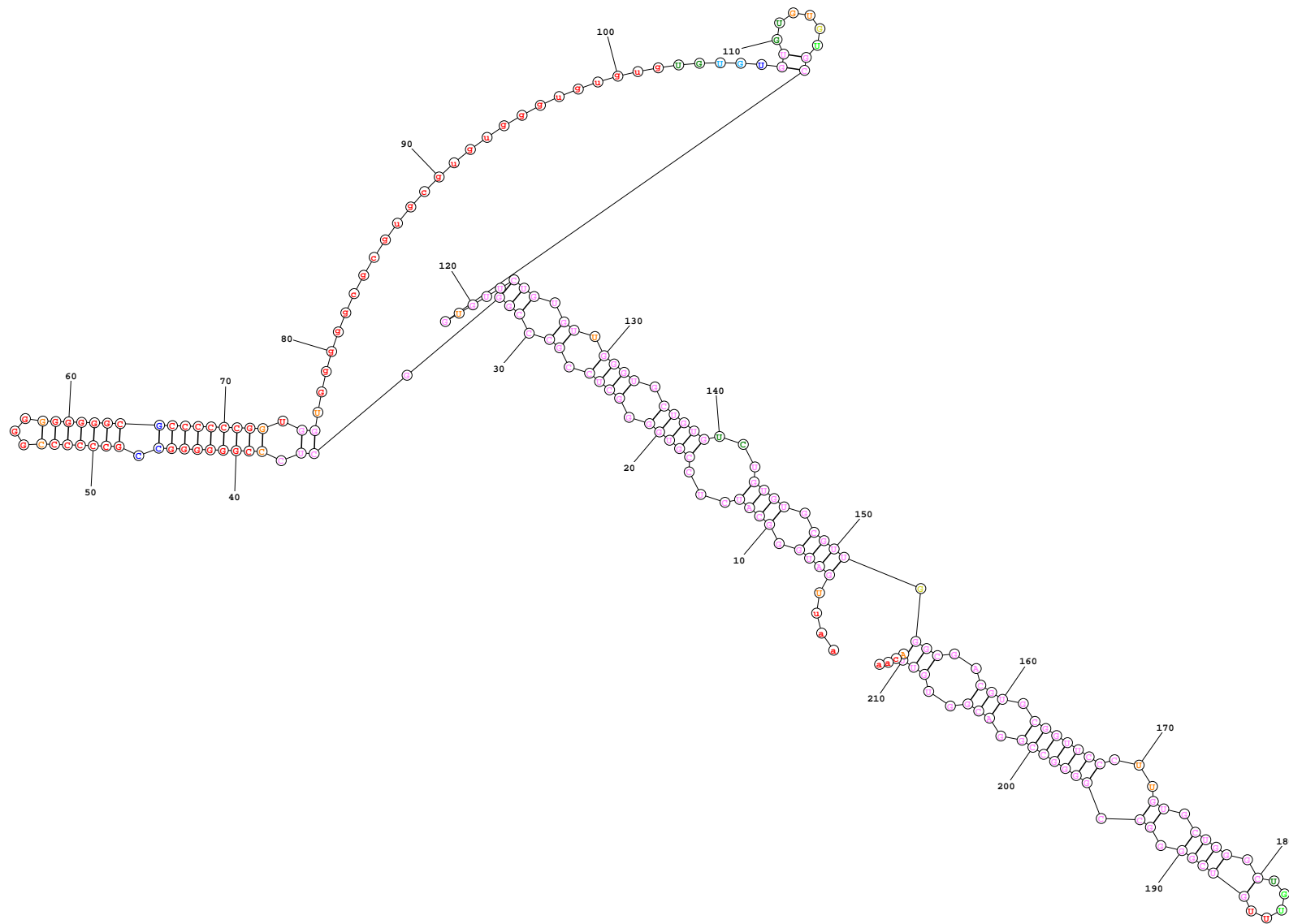
**80% > Probability >= 70%**

**70% > Probability >= 60%**

**60% > Probability >= 50%**

**50% > Probability**

**ENERGY = -86.8 top helix**



**Probability  $\geq 99\%$**

**99% > Probability  $\geq 95\%$**

**95% > Probability  $\geq 90\%$**

**90% > Probability  $\geq 80\%$**

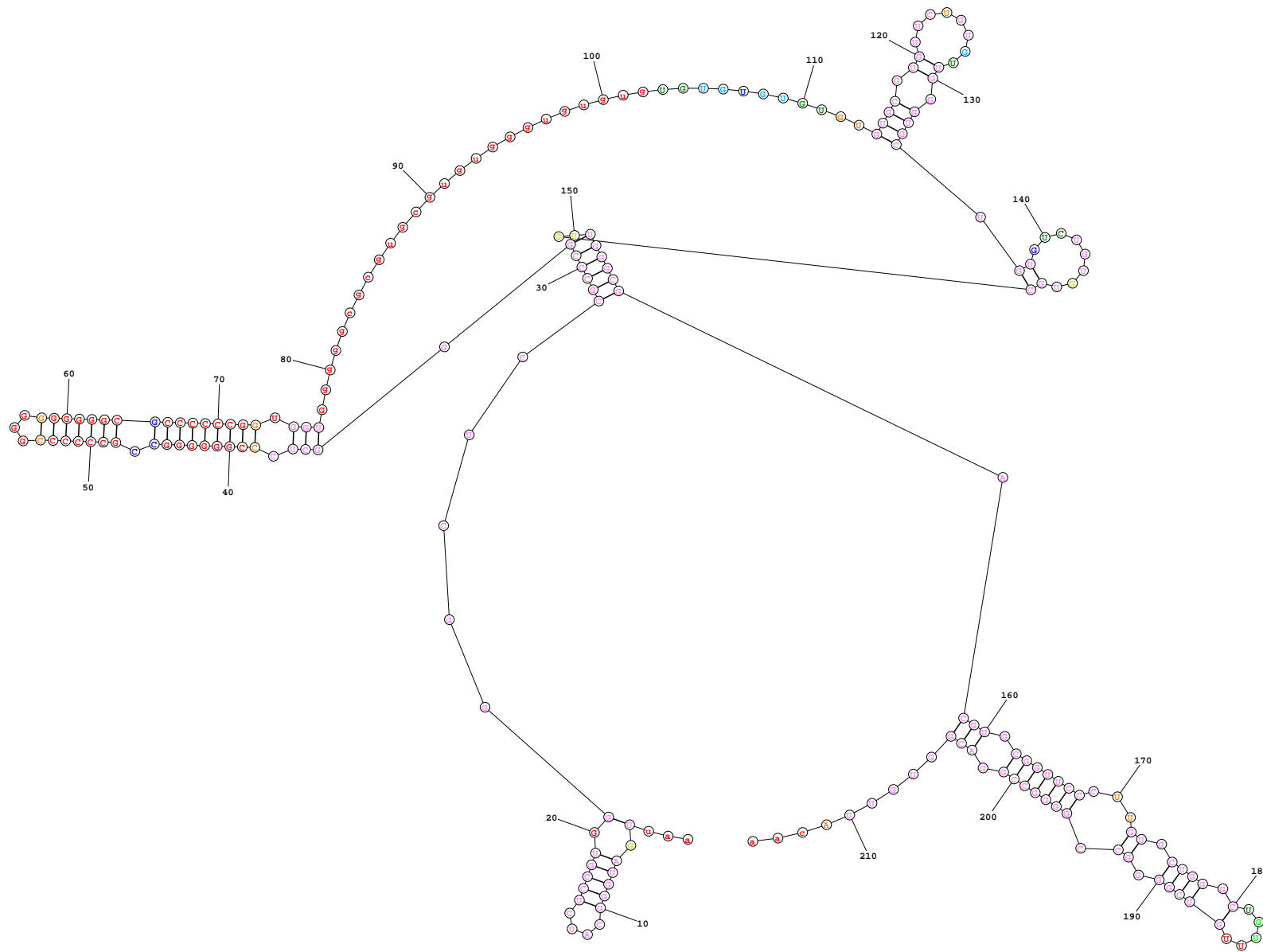
**80% > Probability  $\geq 70\%$**

**70% > Probability  $\geq 60\%$**

**60% > Probability  $\geq 50\%$**

**50% > Probability**

**ENERGY = -86.4 top helix**



**Probability >= 99%**

**99% > Probability >= 95%**

**95% > Probability >= 90%**

**90% > Probability >= 80%**

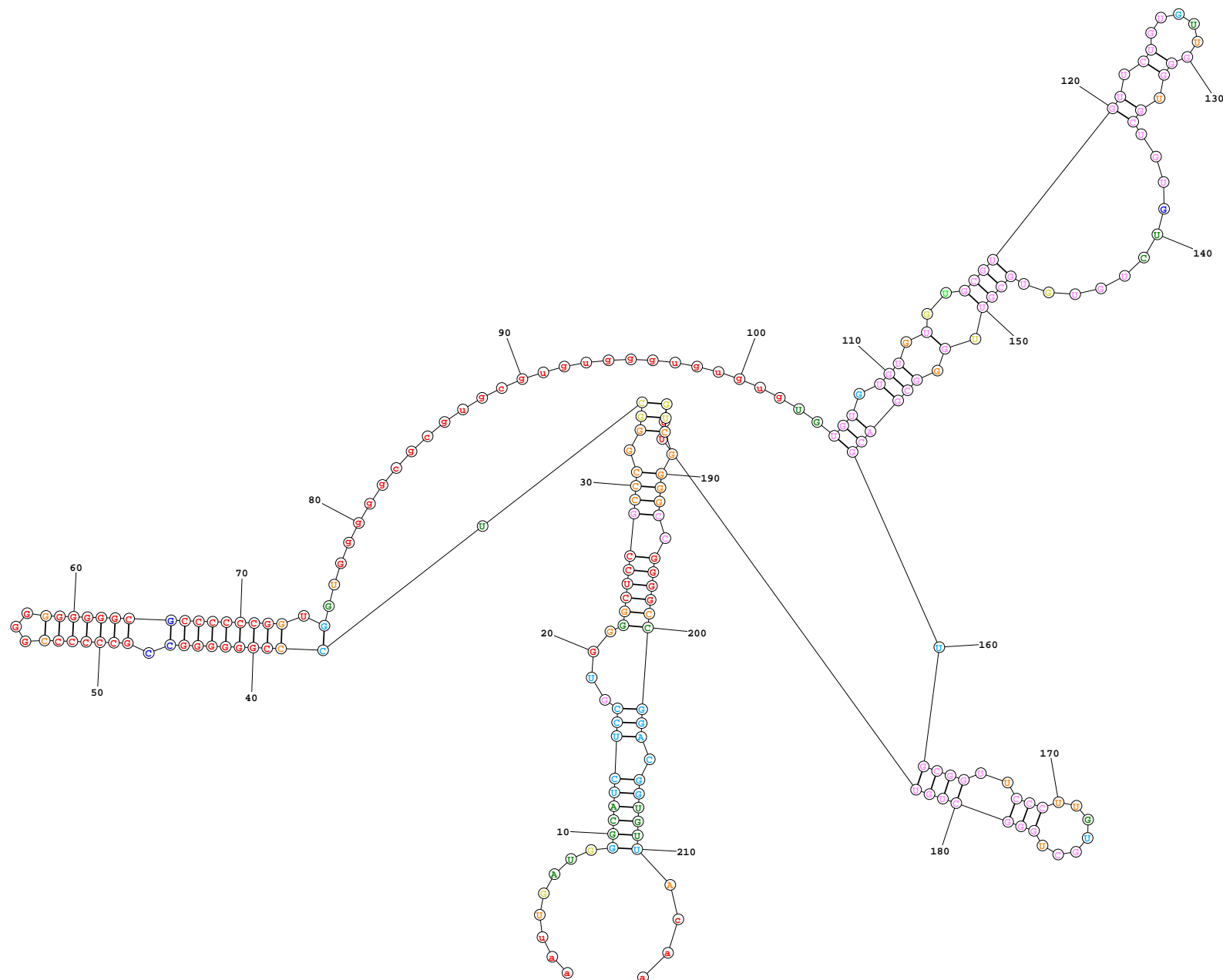
**80% > Probability >= 70%**

**70% > Probability >= 60%**

**60% > Probability >= 50%**

**50% > Probability**

**ENERGY = -86.3 top helix**



**Probability >= 99%**

**99% > Probability >= 95%**

**95% > Probability >= 90%**

**90% > Probability >= 80%**

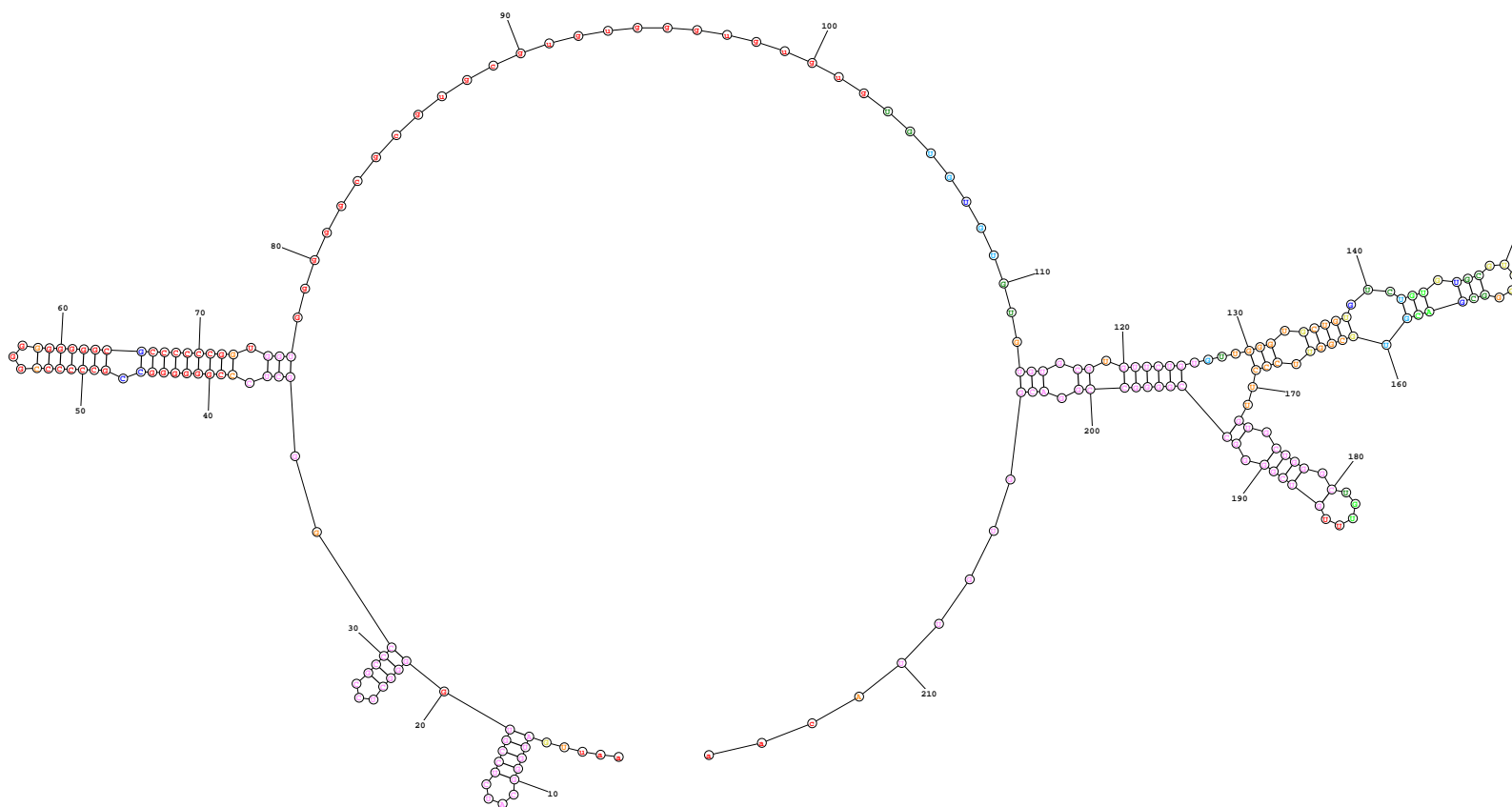
**80% > Probability >= 70%**

**70% > Probability >= 60%**

**60% > Probability >= 50%**

**50% > Probability**

**ENERGY = -86.3 top helix**



**Probability >= 99%**

**99% > Probability >= 95%**

**95% > Probability >= 90%**

**90% > Probability >= 80%**

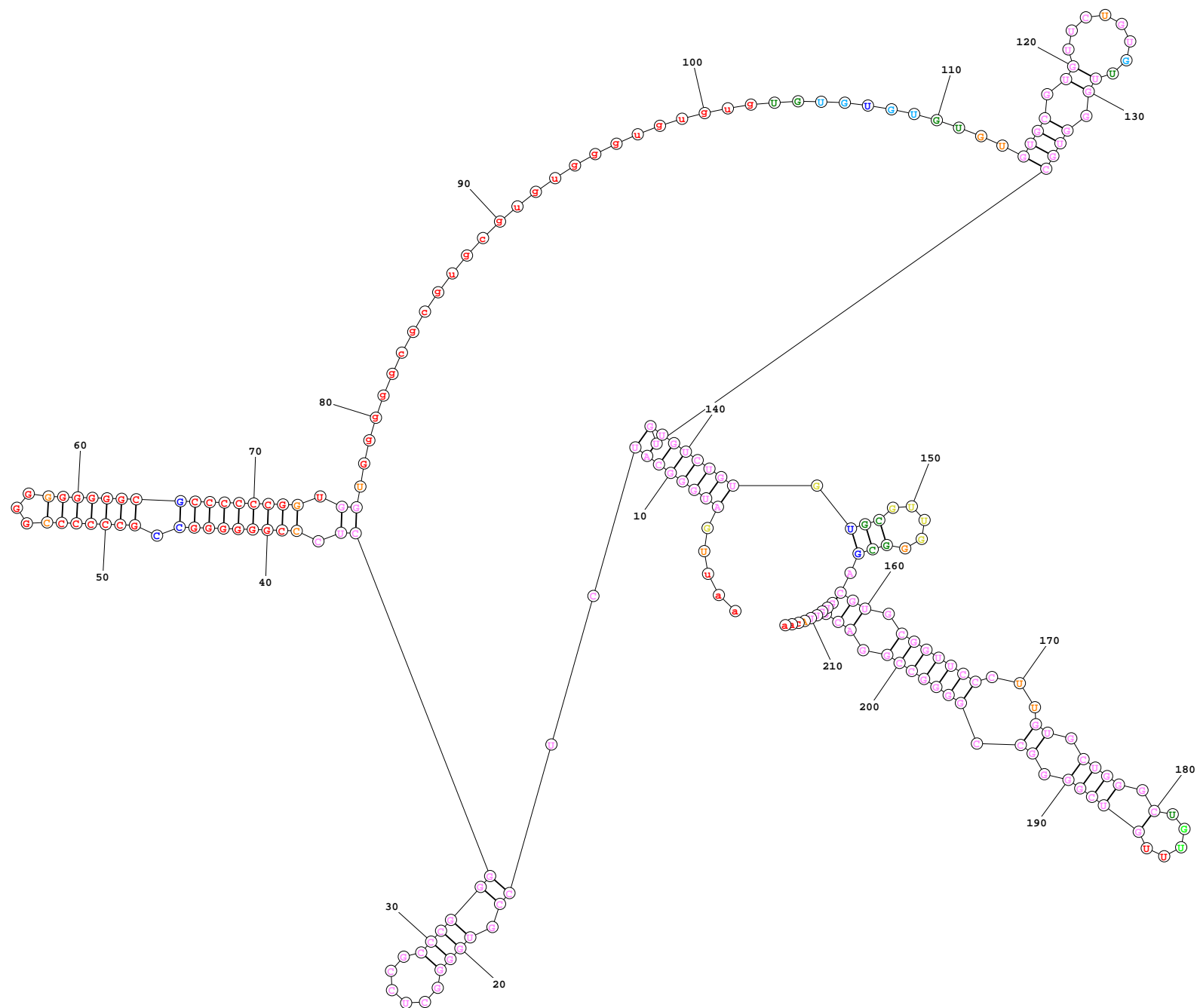
**80% > Probability >= 70%**

**70% > Probability >= 60%**

**60% > Probability >= 50%**

**50% > Probability**

**ENERGY = -86.2 top helix**



**Probability >= 99%**

**99% > Probability >= 95%**

**95% > Probability >= 90%**

**90% > Probability >= 80%**

**80% > Probability >= 70%**

**70% > Probability >= 60%**

**60% > Probability >= 50%**

**50% > Probability**

**ENERGY = -86.1 top helix**