

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

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

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

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

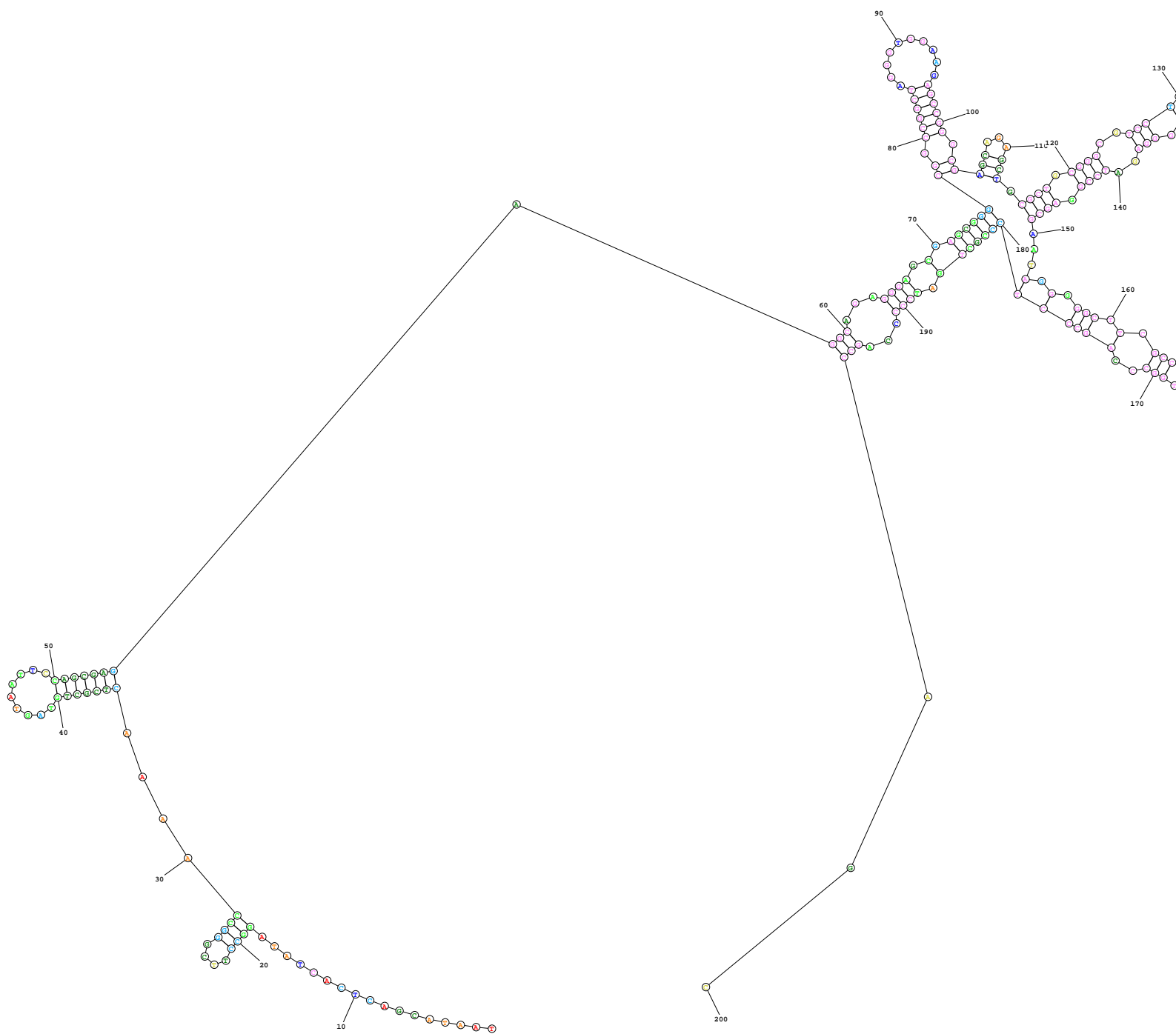
**80%** > **Probability** >= **70%**

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

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

**50%** > **Probability**

**ENERGY** = **-25.1** shortcDNA



**Probability  $\geq$  99%**

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

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

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

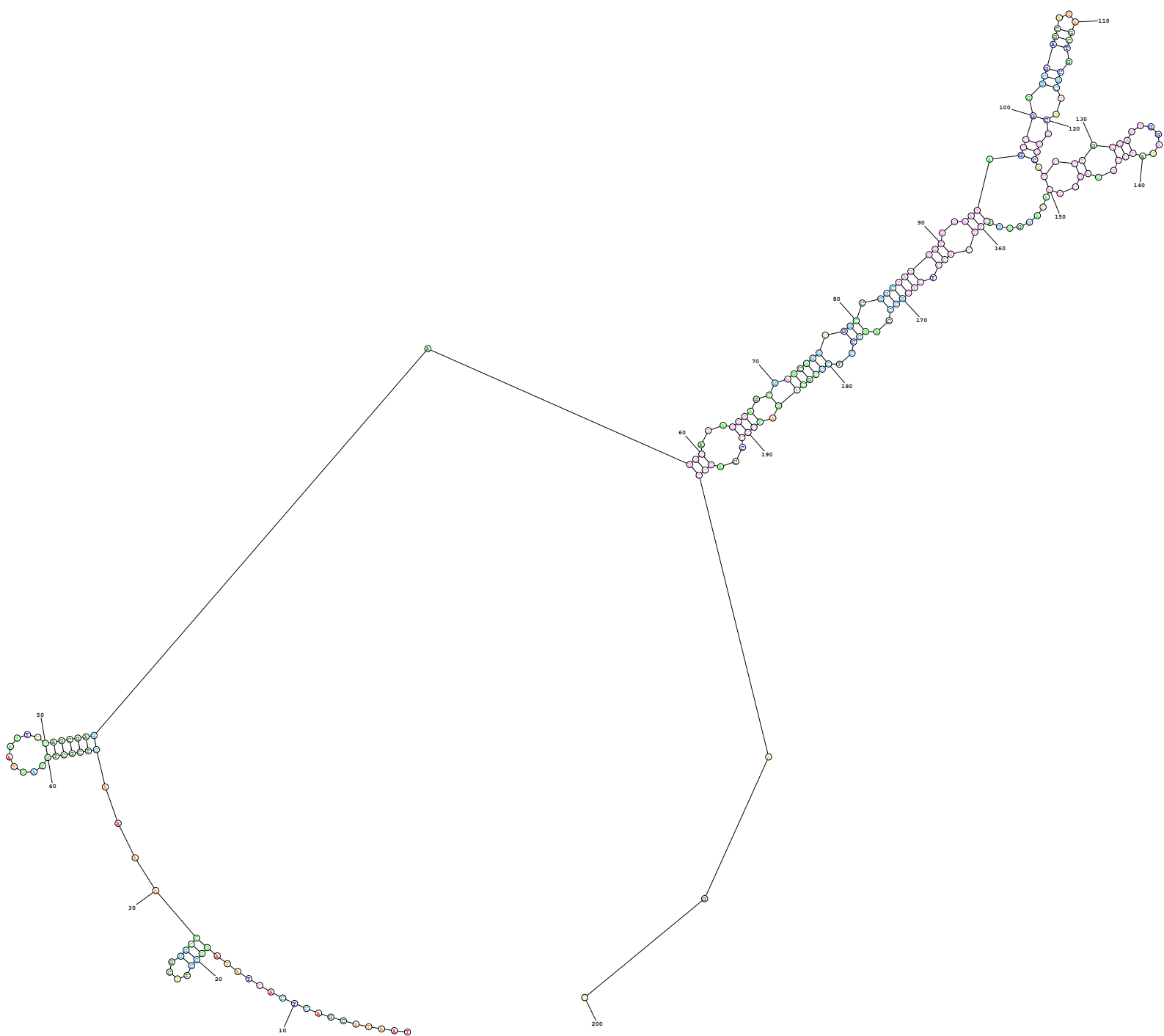
**80% > Probability  $\geq$  70%**

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

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

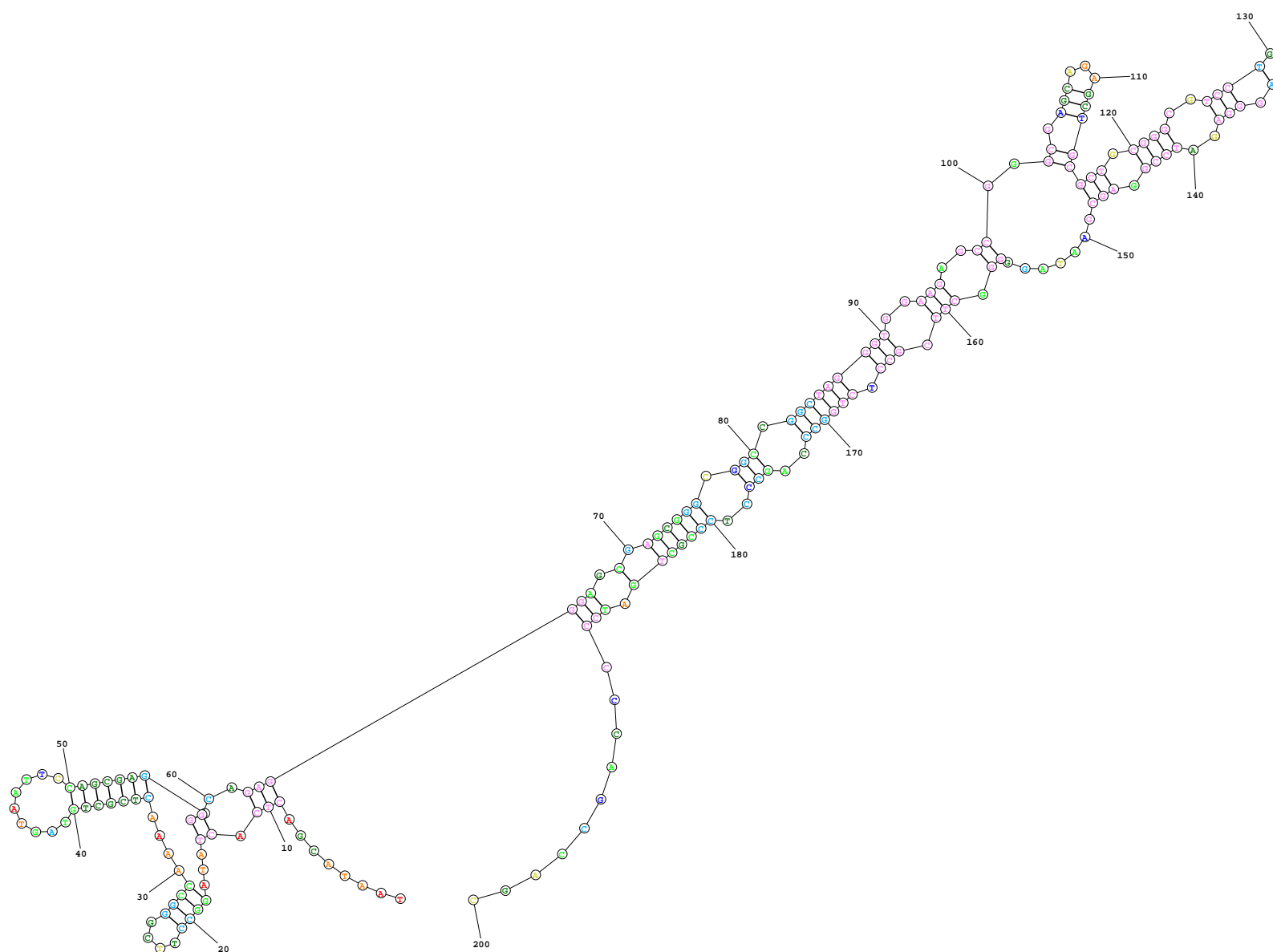
**50% > Probability**

**ENERGY = -24.3 shortcDNA**



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

**ENERGY = -24.0 shortcDNA**



**Probability** >= 99%

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

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

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

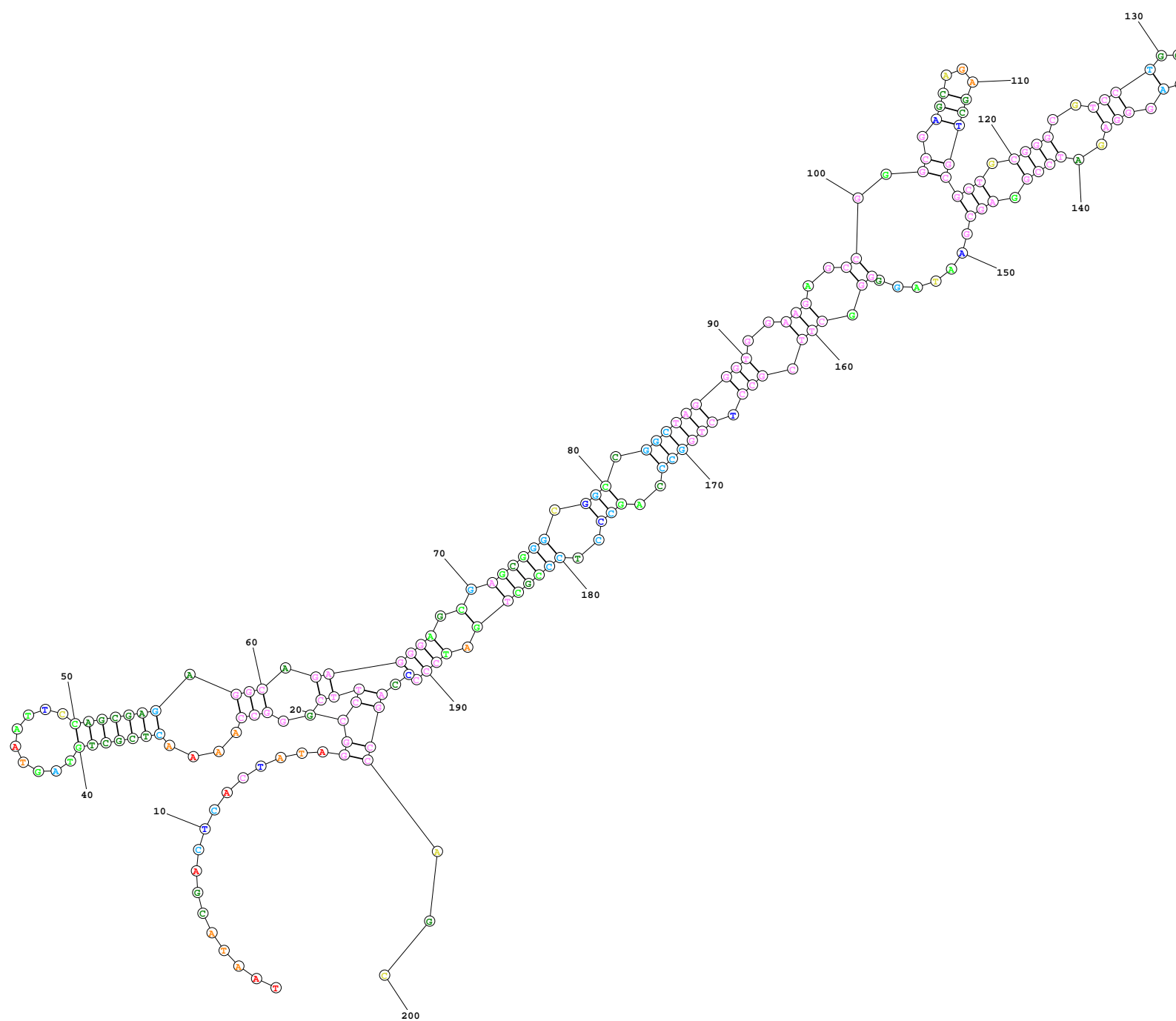
80% > **Probability** >= 70%

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

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

50% > **Probability**

**ENERGY** = -23.8    shortcDNA



**Probability >= 99%**

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

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

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

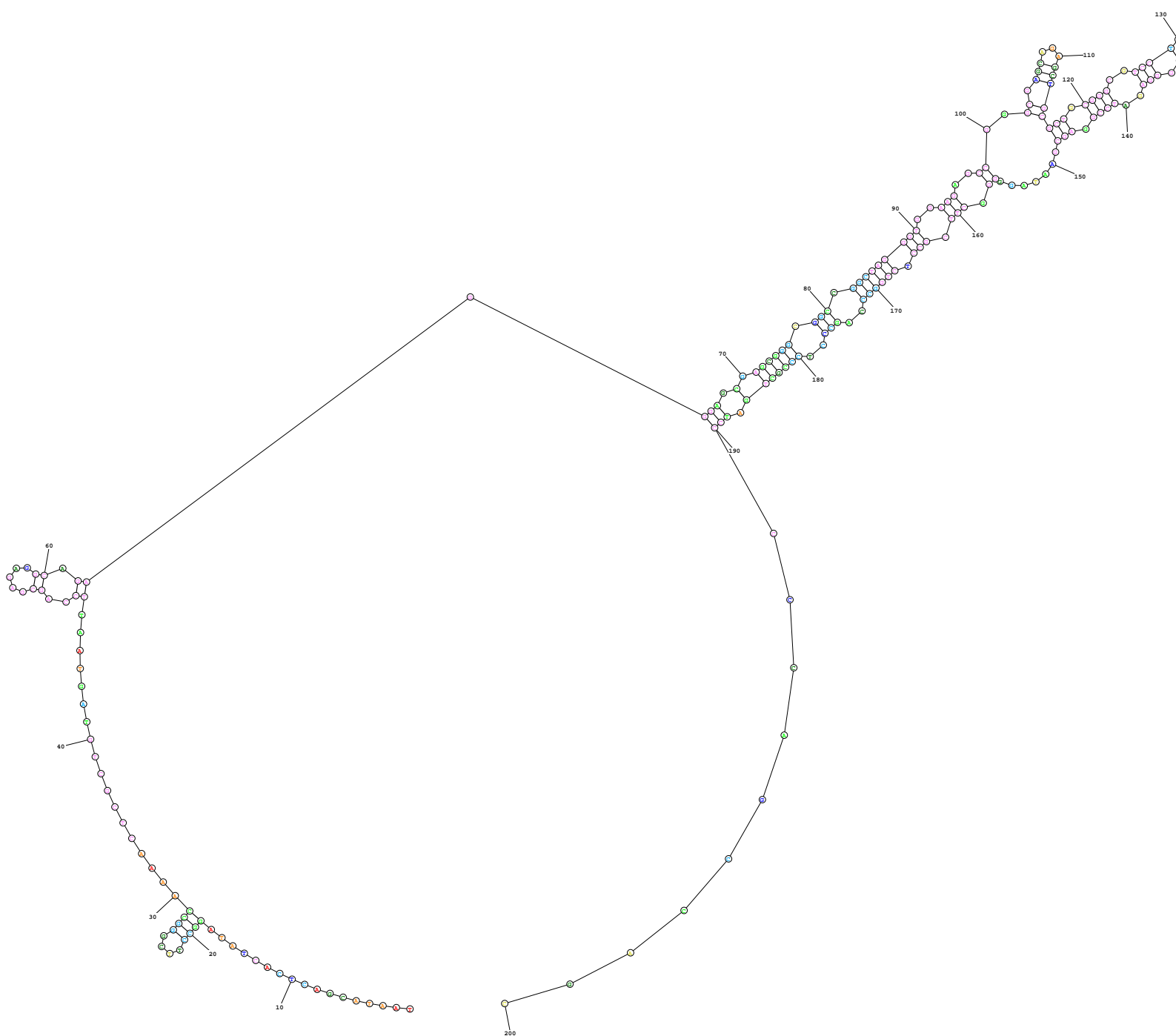
**80% > Probability >= 70%**

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

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

**50% > Probability**

**ENERGY = -23.7 shortcDNA**



**Probability** >= 99%

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

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

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

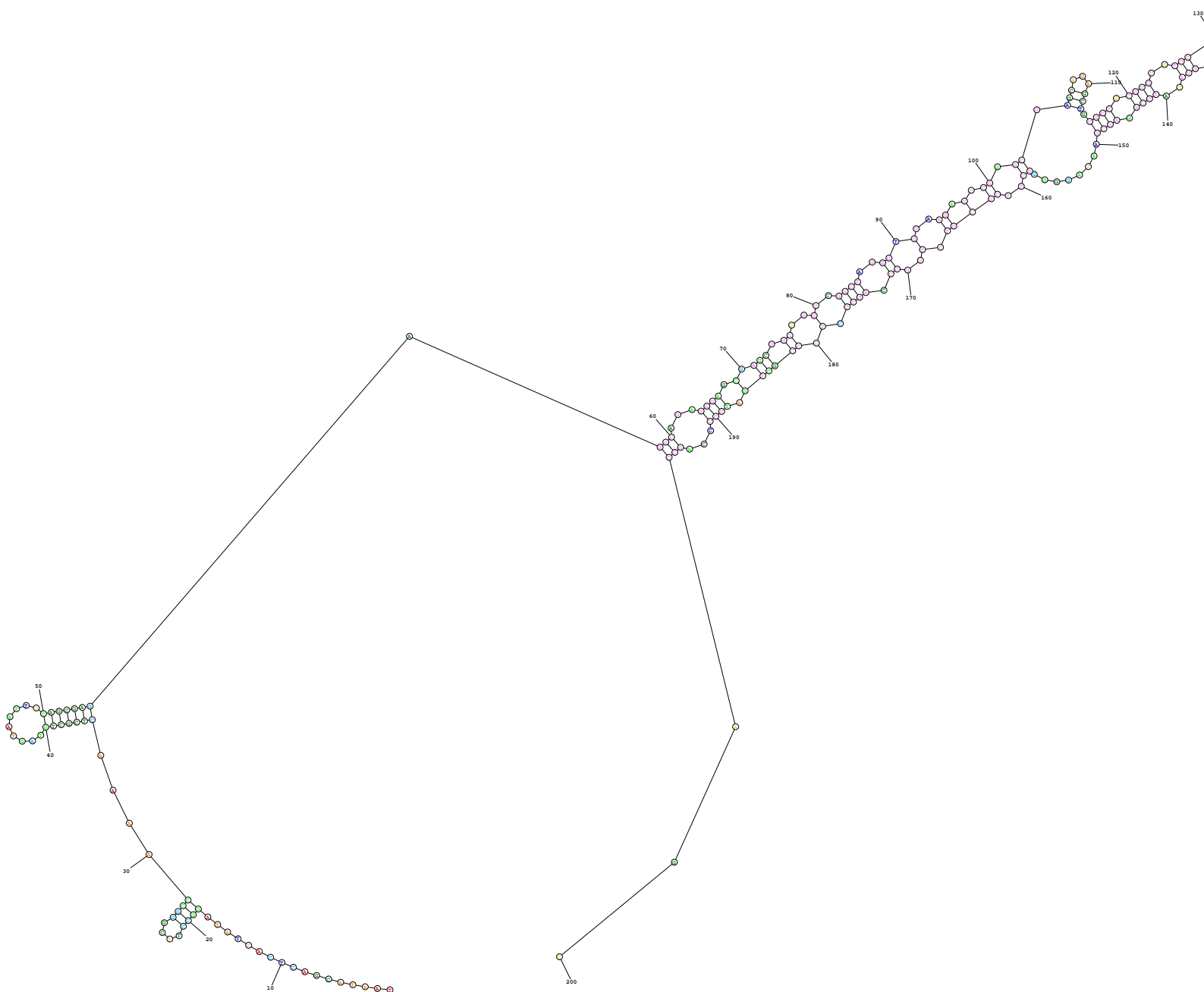
80% > **Probability** >= 70%

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

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

50% > **Probability**

**ENERGY** = -23.0 shortcDNA



**Probability**  $\geq$  99%

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

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

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

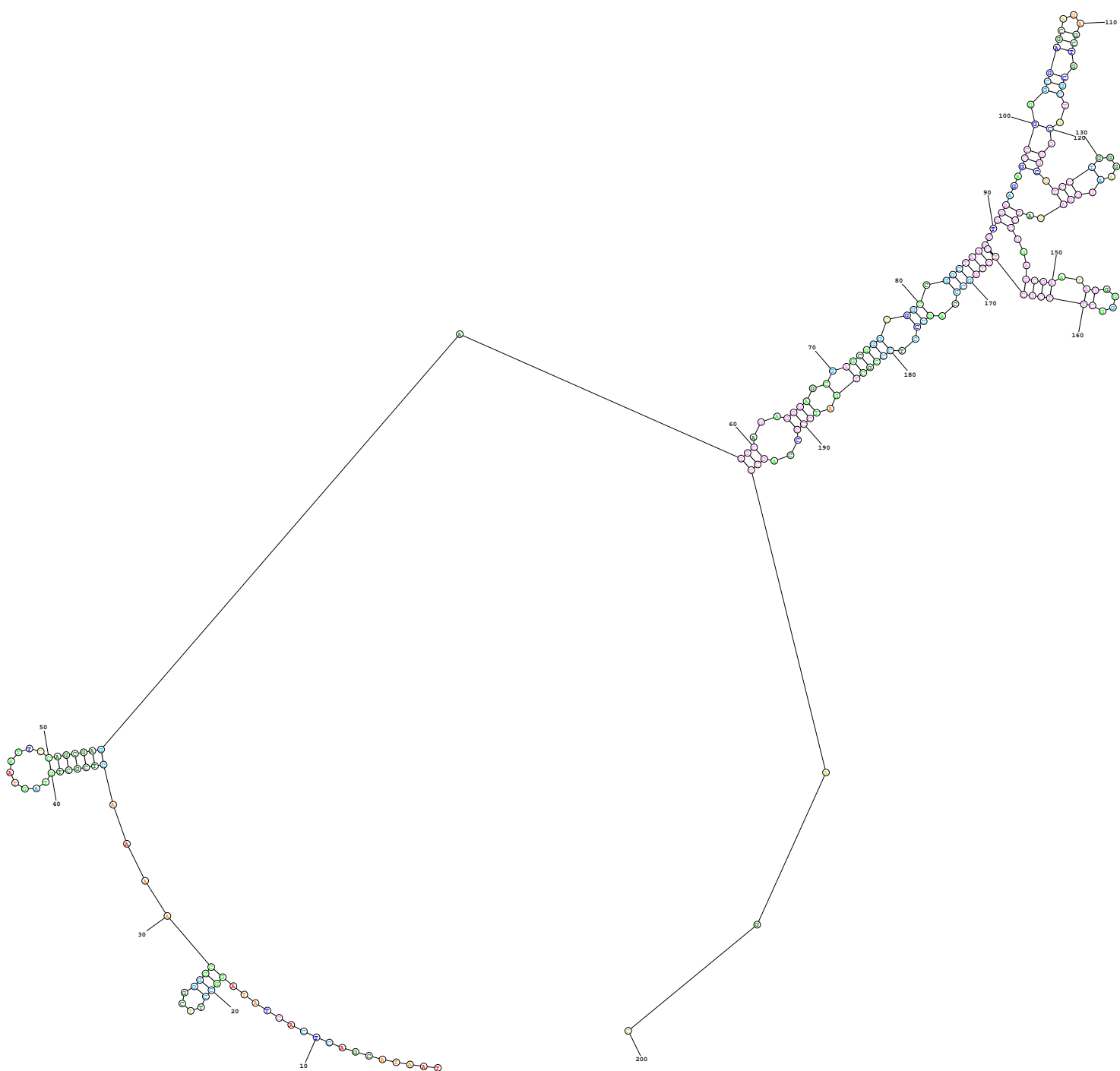
80%  $>$  **Probability**  $\geq$  70%

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

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

50%  $>$  **Probability**

**ENERGY** = -22.8 shortcDNA



**Probability**  $\geq$  99%

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

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

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

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

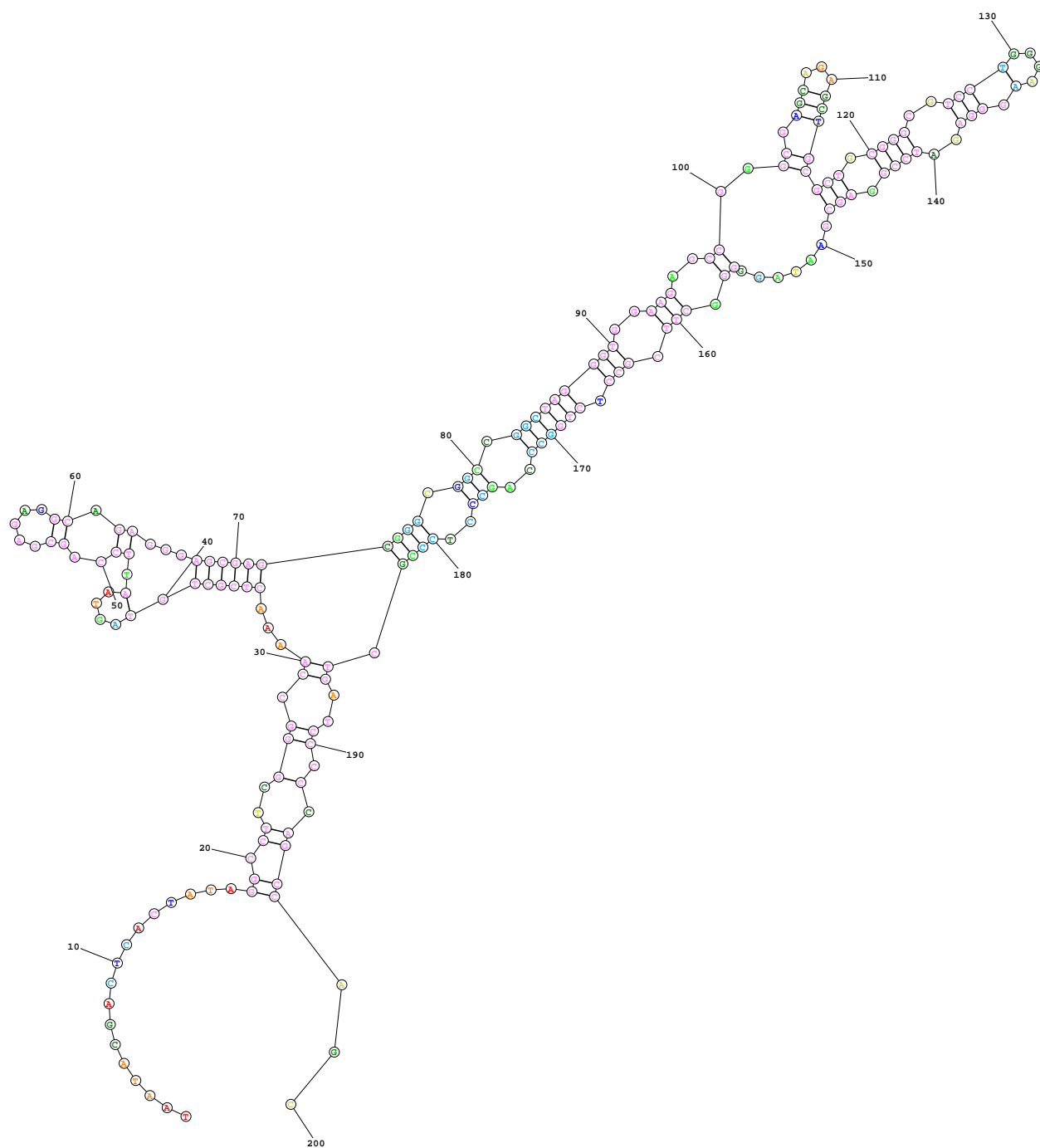
70%  $>$  **Probability**  $\geq$  60%

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

50%  $>$  **Probability**

**ENERGY** = -22.7 shortcDNA





**Probability  $\geq$  99%**

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

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

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

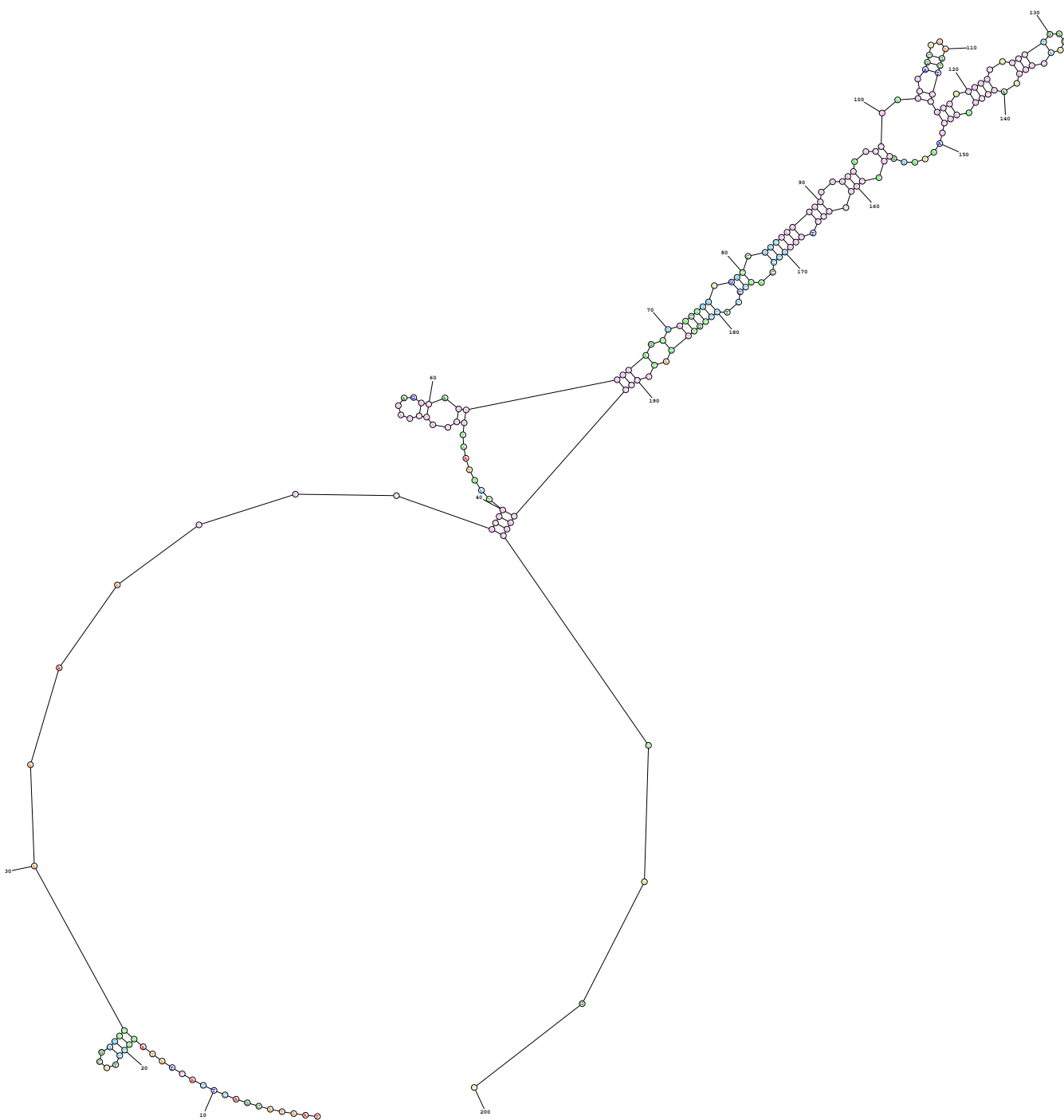
**80% > Probability  $\geq$  70%**

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

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

**50% > Probability**

**ENERGY = -22.7 shortcDNA**



**Probability >= 99%**

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

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

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

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

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

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

**50% > Probability**

**ENERGY = -22.6 shortcDNA**