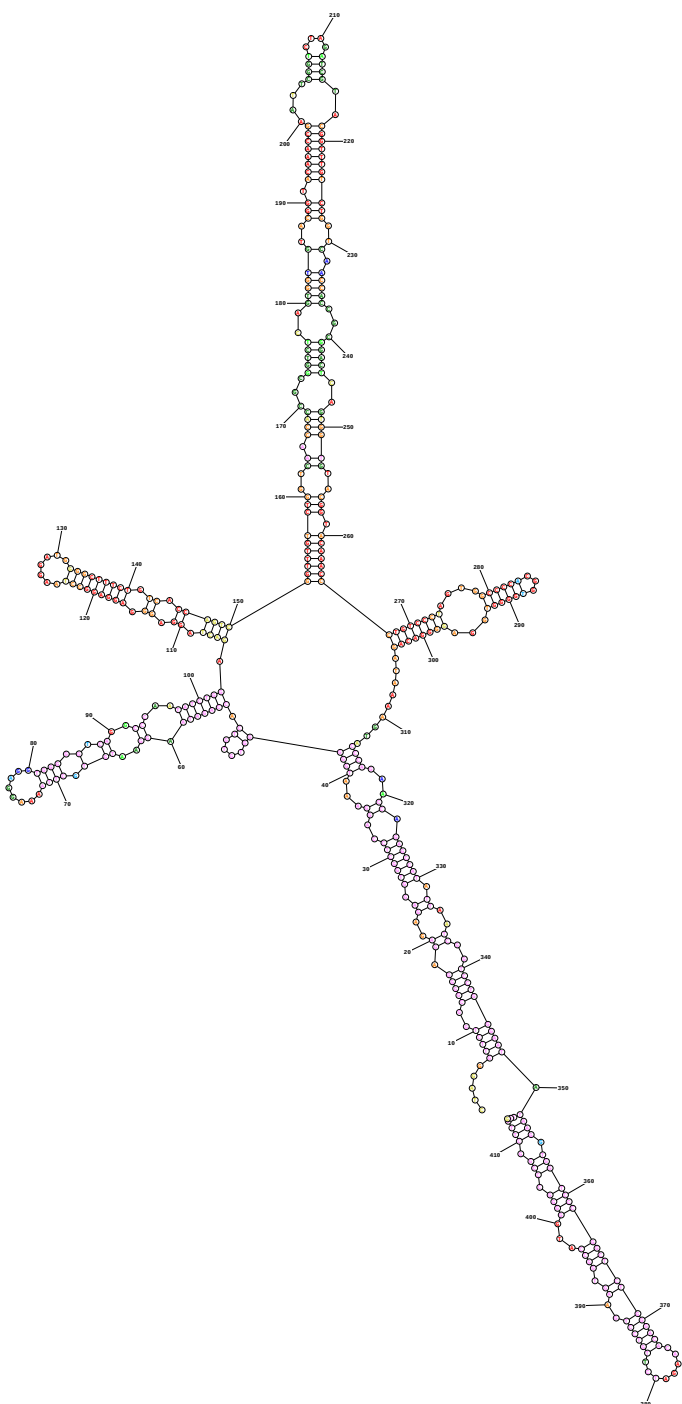




Probability >= 99%

99% > Probability >= 95%

95% > Probability >= 90%

90% > Probability >= 80%

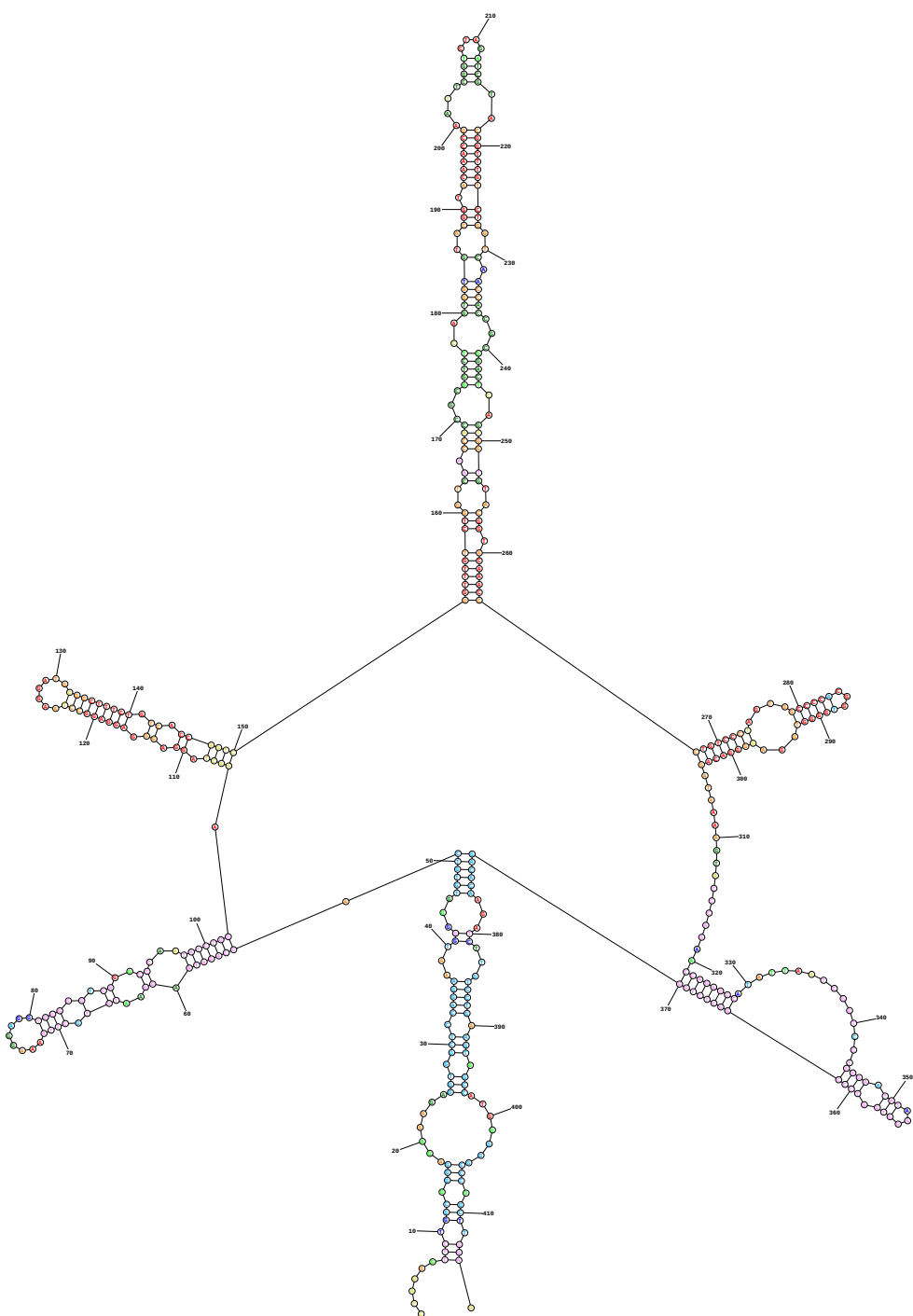
80% > Probability >= 70%

70% > Probability >= 60%

60% > Probability >= 50%

50% > Probability

ENERGY = -171.3 150bp-HA-20link



Probability $\geq$ 99%

99% > Probability $\geq$ 95%

95% > Probability $\geq$ 90%

90% > Probability $\geq$ 80%

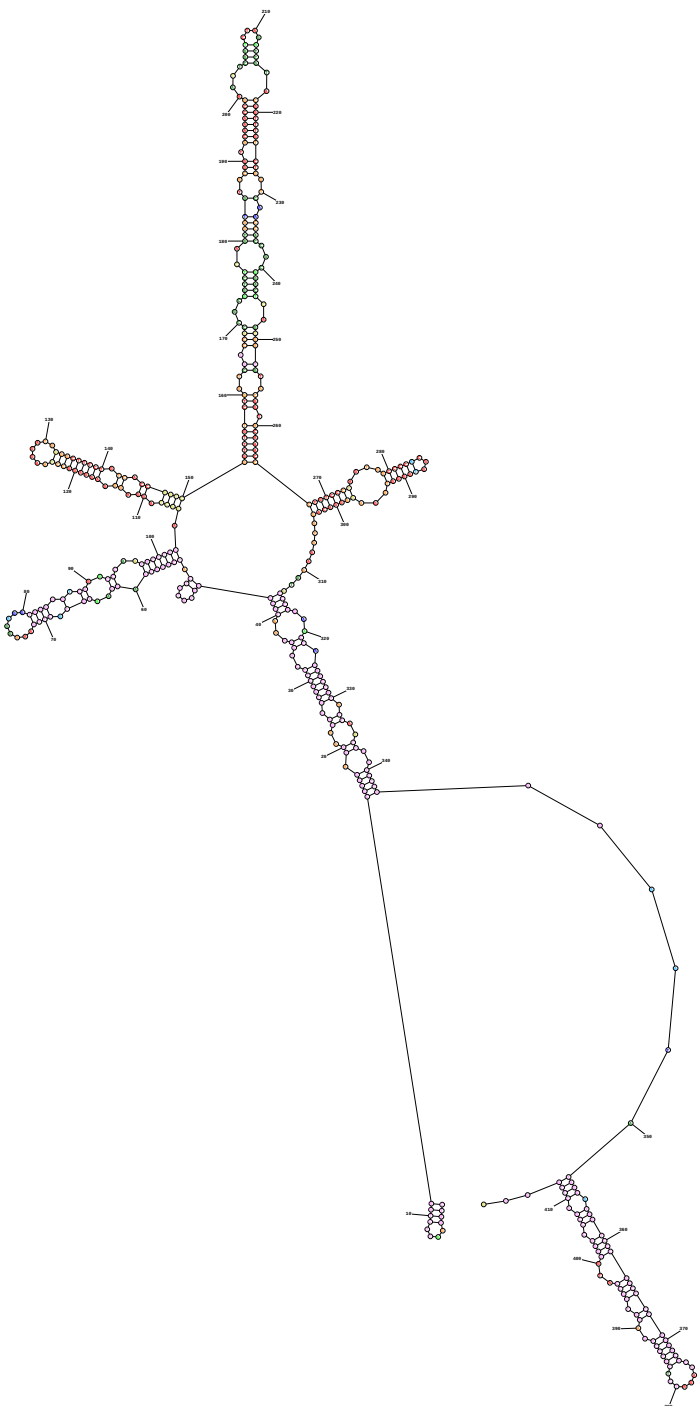
80% > Probability $\geq$ 70%

70% > Probability $\geq$ 60%

60% > Probability $\geq$ 50%

50% > Probability

ENERGY = -170.5 150bp-HA-20link



Probability >= 99%

99% > Probability >= 95%

95% > Probability >= 90%

90% > Probability >= 80%

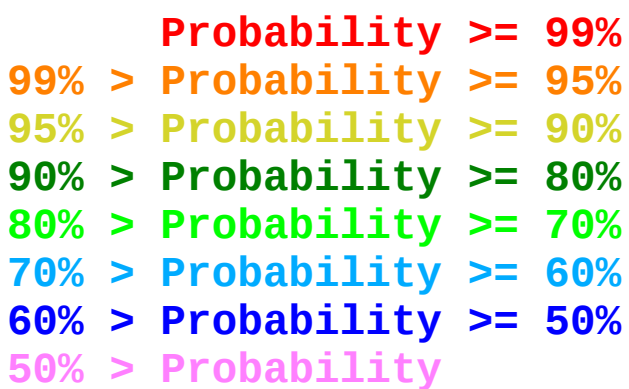
80% > Probability >= 70%

70% > Probability >= 60%

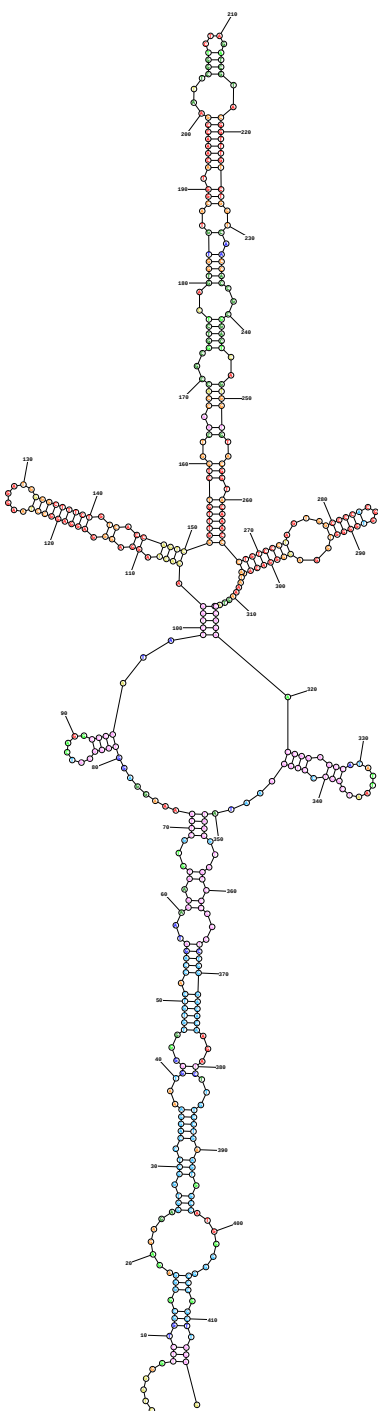
60% > Probability >= 50%

50% > Probability

ENERGY = -170.3 150bp-HA-20link



ENERGY = -169.8 150bp-HA-20link



Probability >= 99%

99% > Probability >= 95%

95% > Probability >= 90%

90% > Probability >= 80%

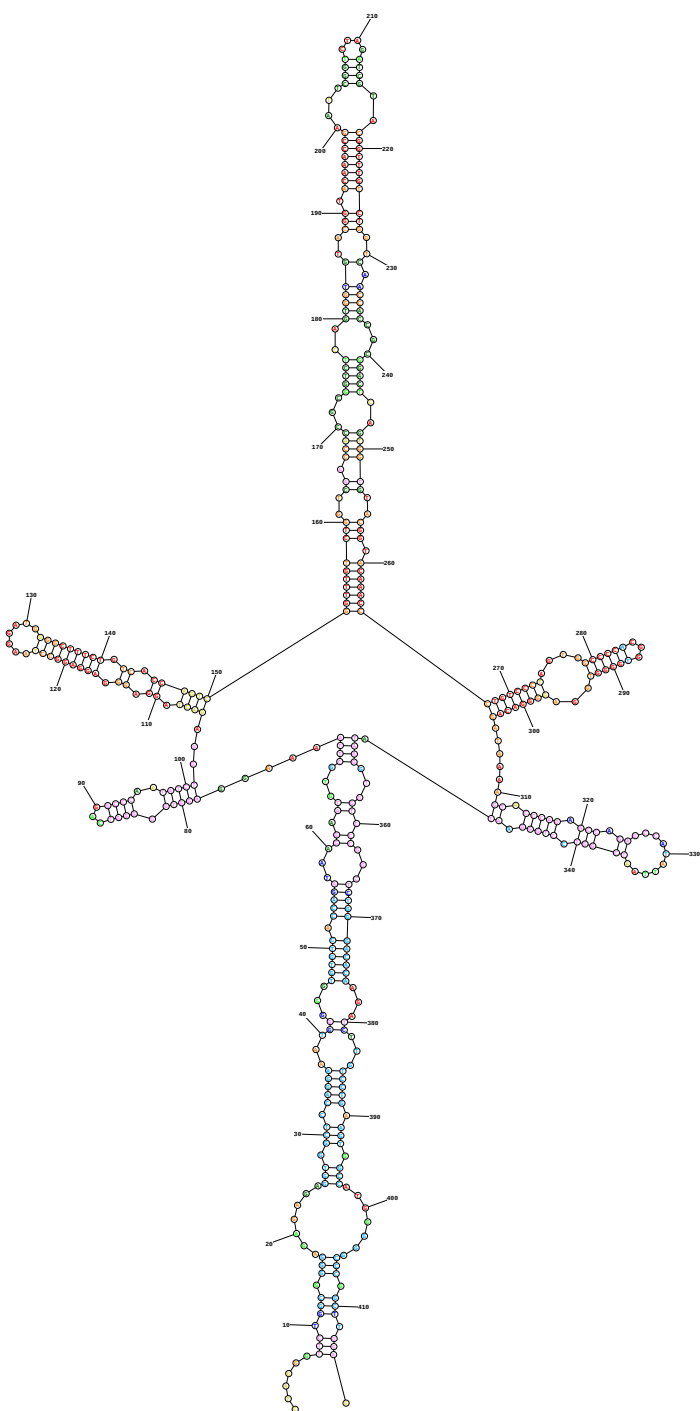
80% > Probability >= 70%

70% > Probability >= 60%

60% > Probability >= 50%

50% > Probability

ENERGY = -169.6 150bp-HA-20link



Probability >= 99%

99% > Probability >= 95%

95% > Probability >= 90%

90% > Probability >= 80%

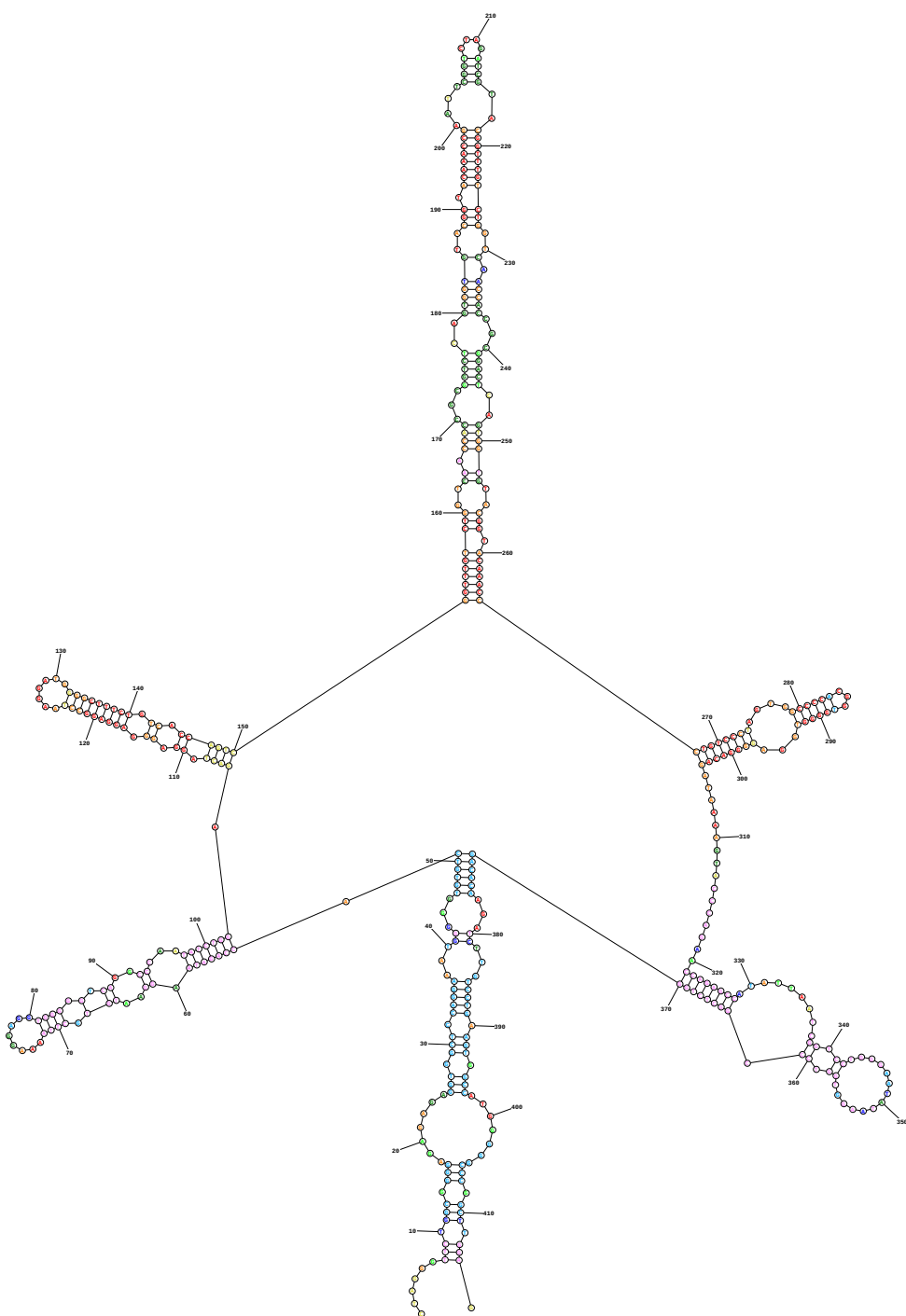
80% > Probability >= 70%

70% > Probability >= 60%

60% > Probability >= 50%

50% > Probability

ENERGY = -169.5 150bp-HA-20link



Probability >= 99%

99% > Probability >= 95%

95% > Probability >= 90%

90% > Probability >= 80%

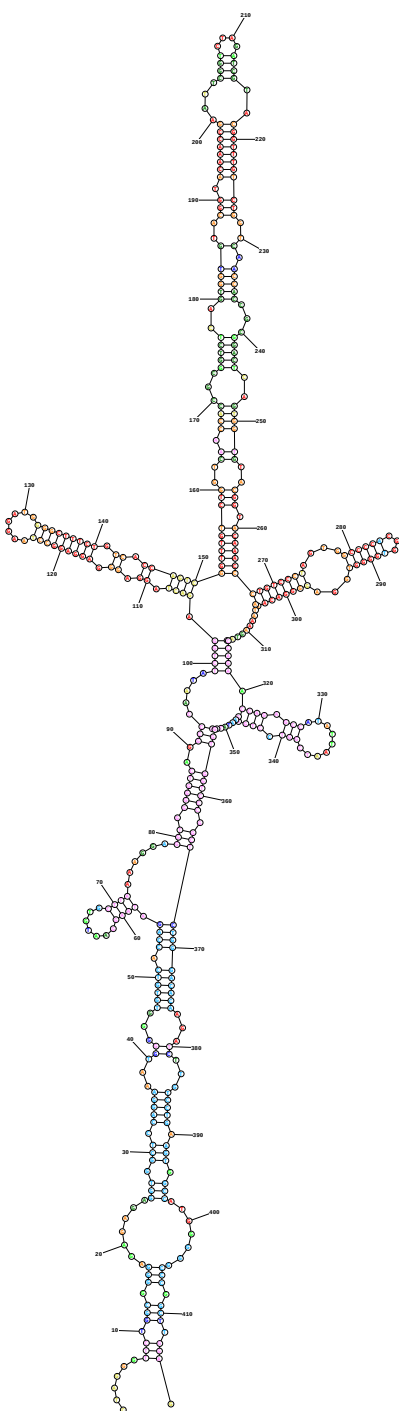
80% > Probability >= 70%

70% > Probability >= 60%

60% > Probability >= 50%

50% > Probability

ENERGY = -169.2 150bp-HA-20link



Probability >= 99%

99% > Probability >= 95%

95% > Probability >= 90%

90% > Probability >= 80%

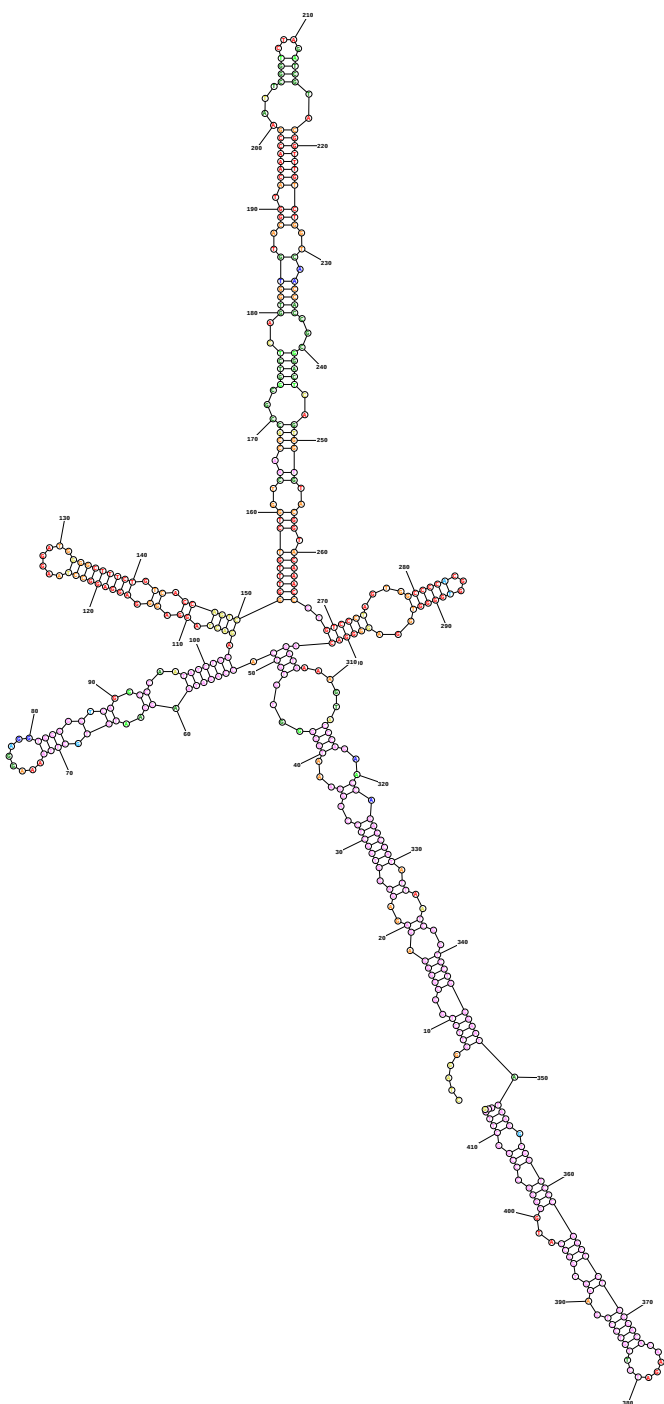
80% > Probability >= 70%

70% > Probability >= 60%

60% > Probability >= 50%

50% > Probability

ENERGY = -168.8 150bp-HA-20link



Probability >= 99%

99% > Probability >= 95%

95% > Probability >= 90%

90% > Probability >= 80%

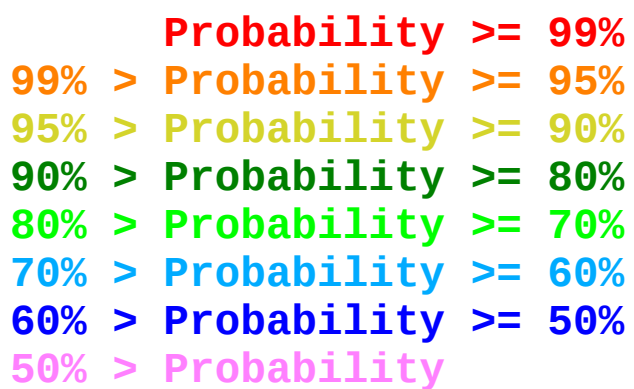
80% > Probability >= 70%

70% > Probability >= 60%

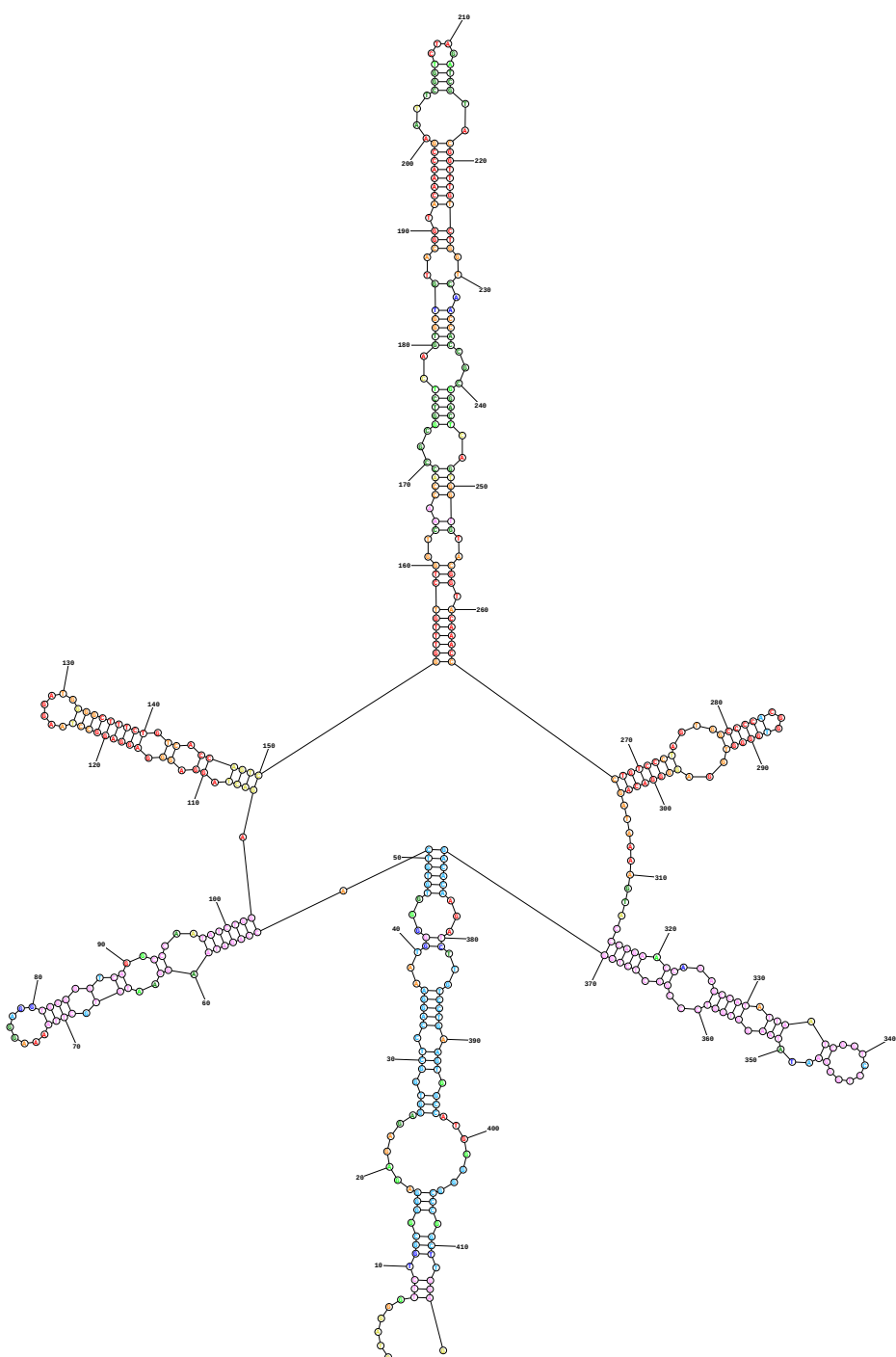
60% > Probability >= 50%

50% > Probability

ENERGY = -168.7 150bp-HA-20link



ENERGY = -168.1 150bp-HA-20link



Probability $\geq$ 99%

99% > Probability $\geq$ 95%

95% > Probability $\geq$ 90%

90% > Probability $\geq$ 80%

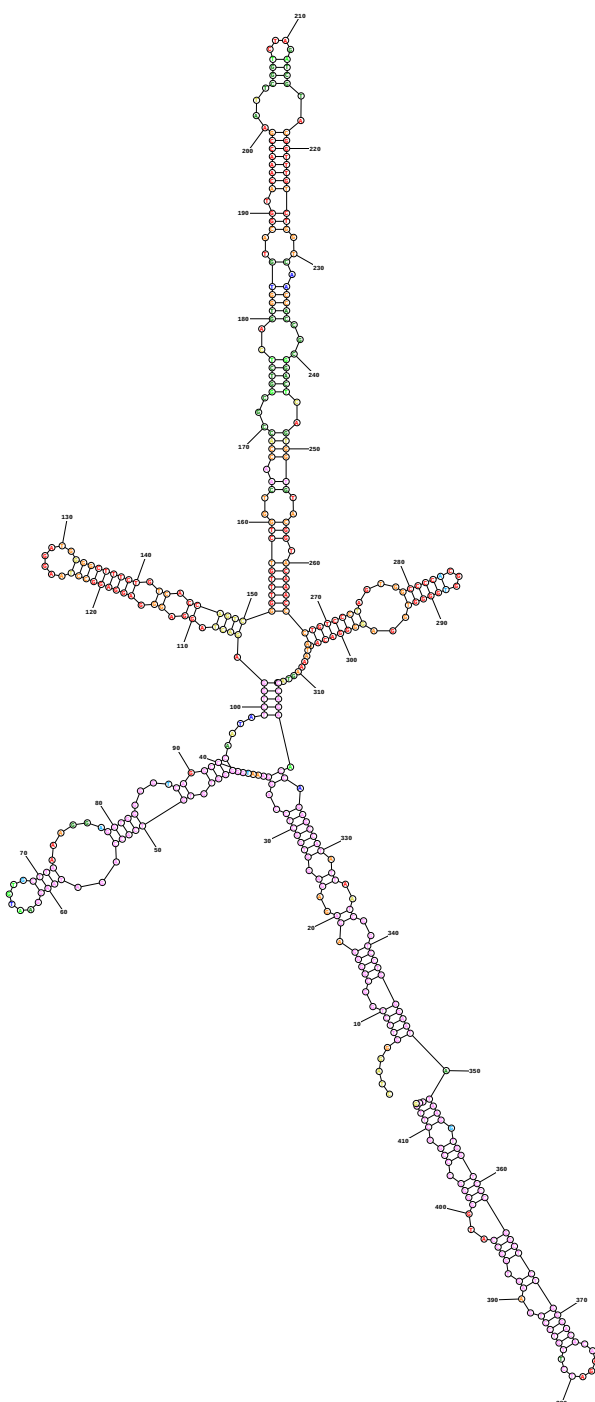
80% > Probability $\geq$ 70%

70% > Probability $\geq$ 60%

60% > Probability $\geq$ 50%

50% > Probability

ENERGY = -168.1 150bp-HA-20link



Probability >= 99%

99% > Probability >= 95%

95% > Probability >= 90%

90% > Probability >= 80%

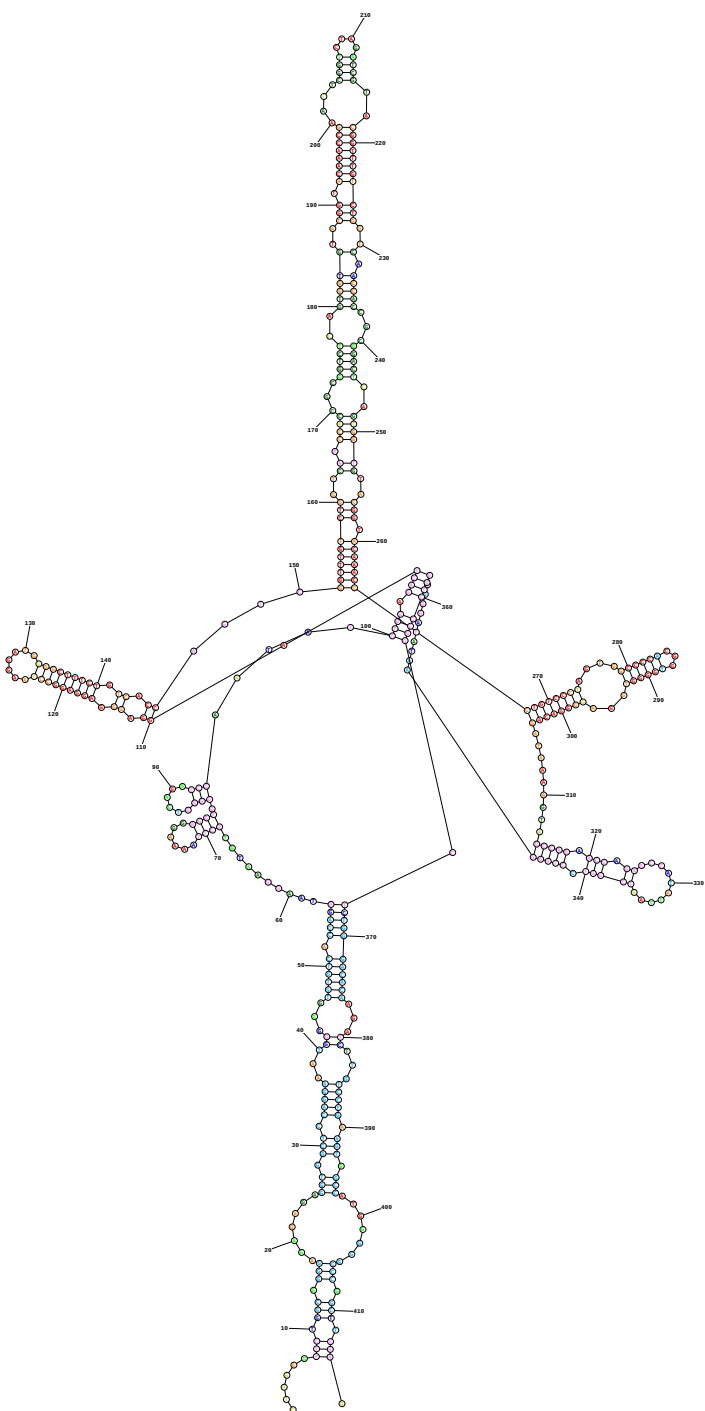
80% > Probability >= 70%

70% > Probability >= 60%

60% > Probability >= 50%

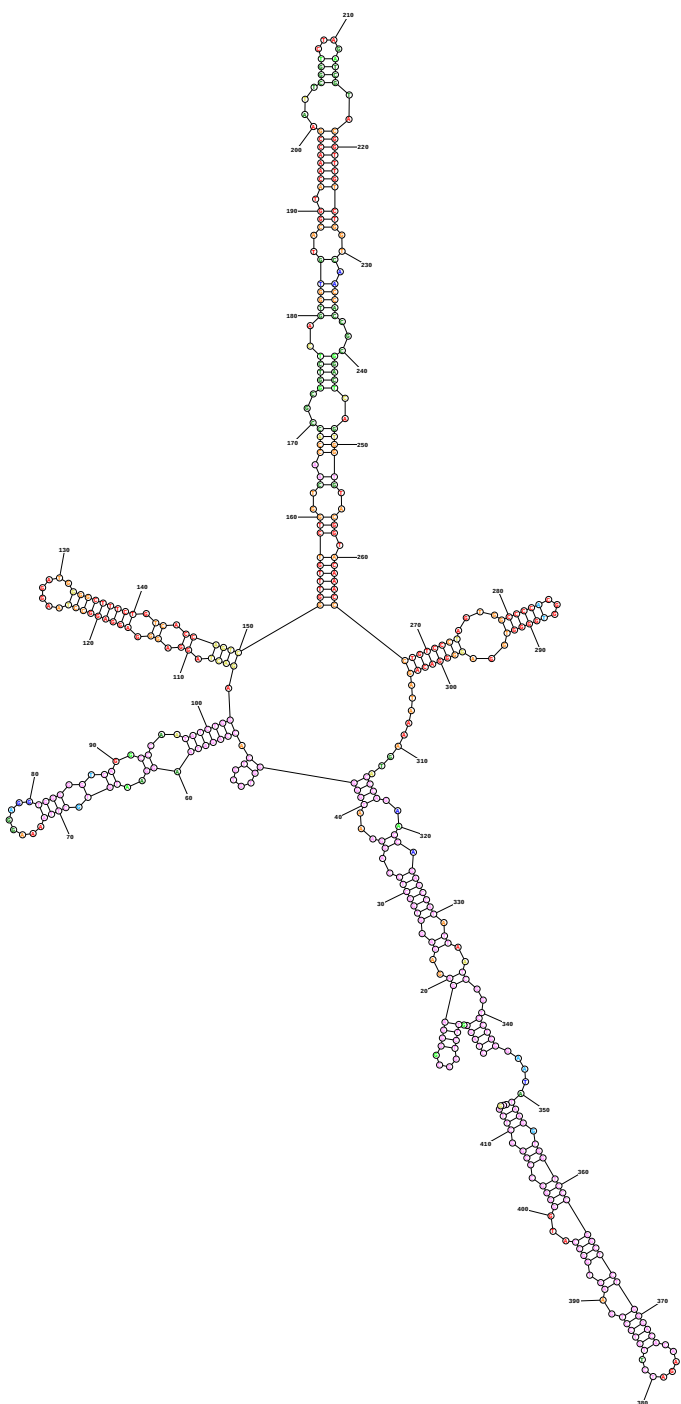
50% > Probability

ENERGY = -167.7 150bp-HA-20link



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

ENERGY = -167.6 150bp-HA-20link



Probability >= 99%

99% > Probability >= 95%

95% > Probability >= 90%

90% > Probability >= 80%

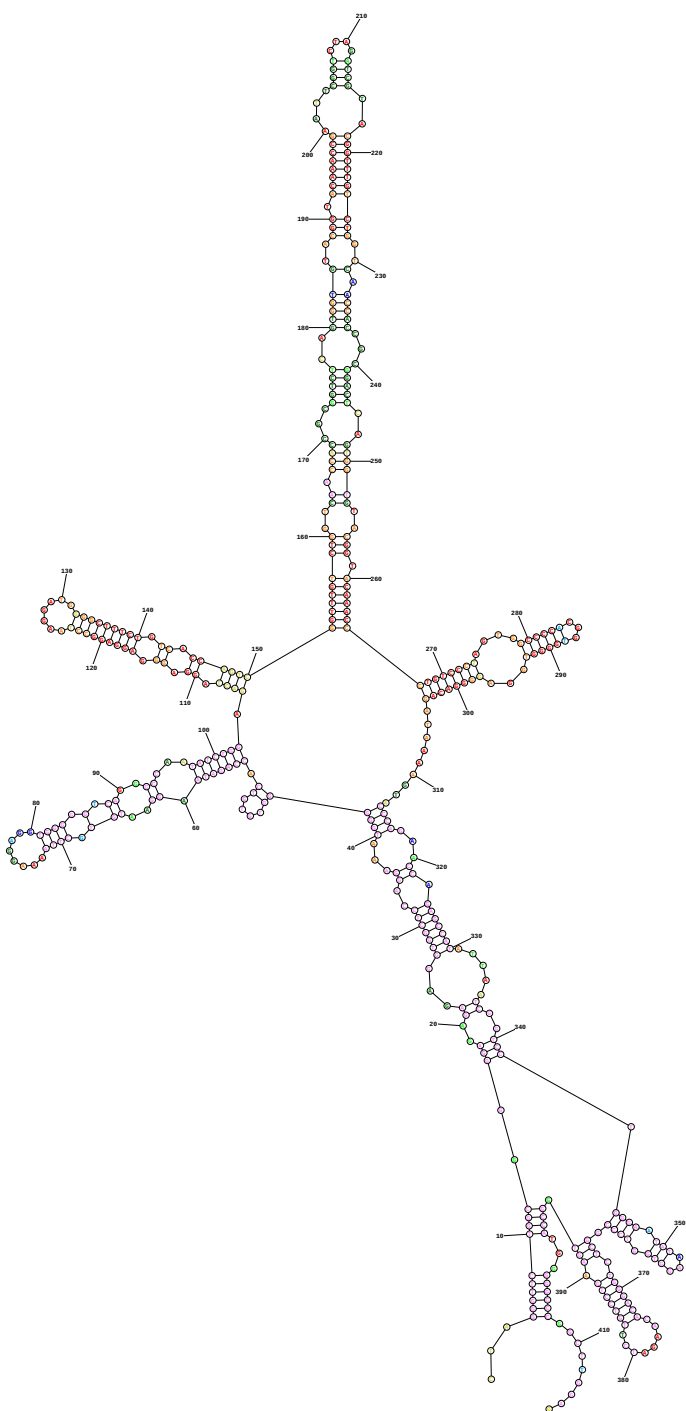
80% > Probability >= 70%

70% > Probability >= 60%

60% > Probability >= 50%

50% > Probability

ENERGY = -167.3 150bp-HA-20link



Probability >= 99%

99% > Probability >= 95%

95% > Probability >= 90%

90% > Probability >= 80%

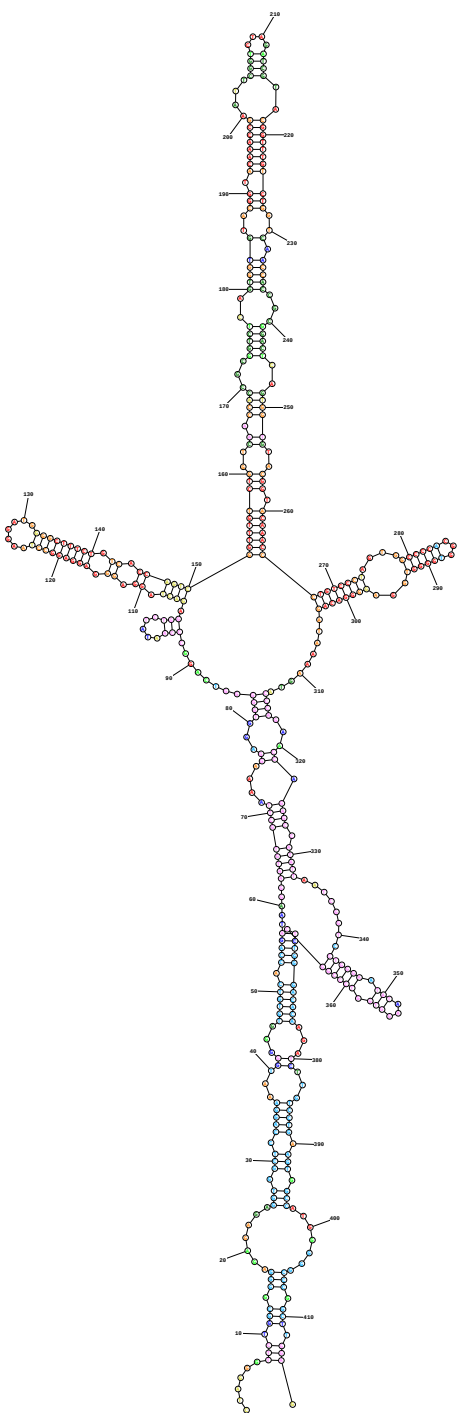
80% > Probability >= 70%

70% > Probability >= 60%

60% > Probability >= 50%

50% > Probability

ENERGY = -167.0 150bp-HA-20link



Probability >= 99%

99% > Probability >= 95%

95% > Probability >= 90%

90% > Probability >= 80%

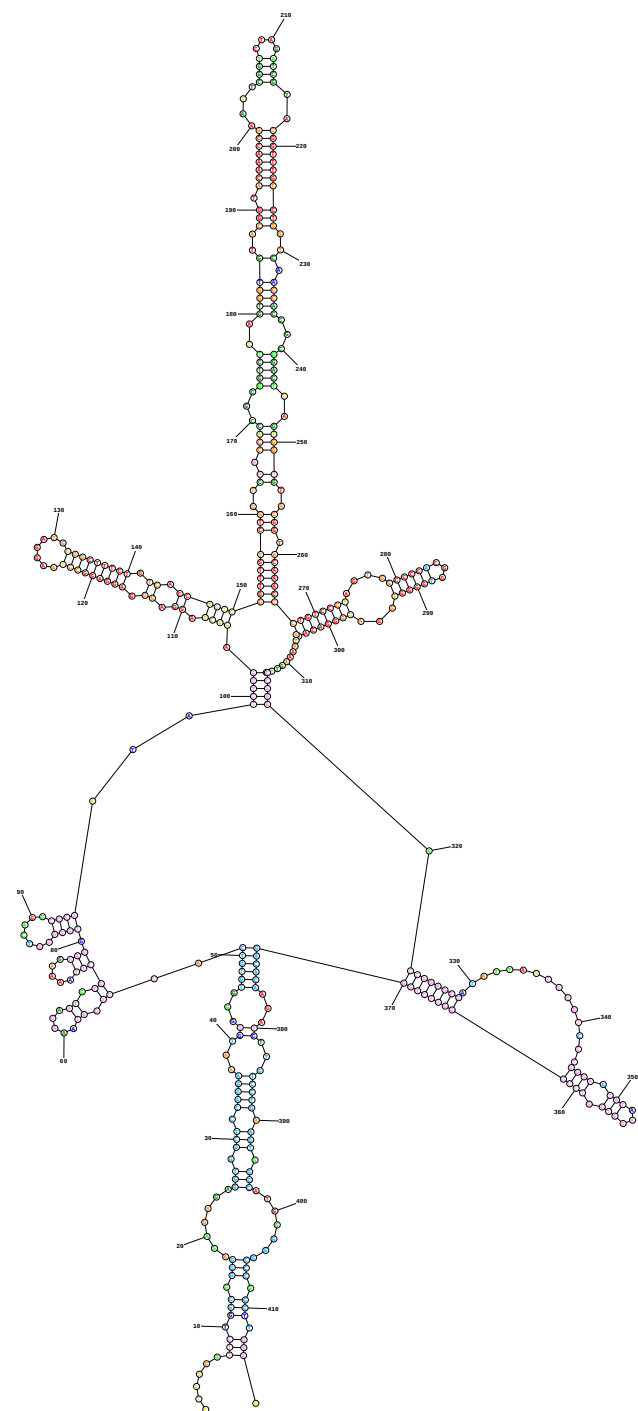
80% > Probability >= 70%

70% > Probability >= 60%

60% > Probability >= 50%

50% > Probability

ENERGY = -166.9 150bp-HA-20link



Probability >= 99%

99% > Probability >= 95%

95% > Probability >= 90%

90% > Probability >= 80%

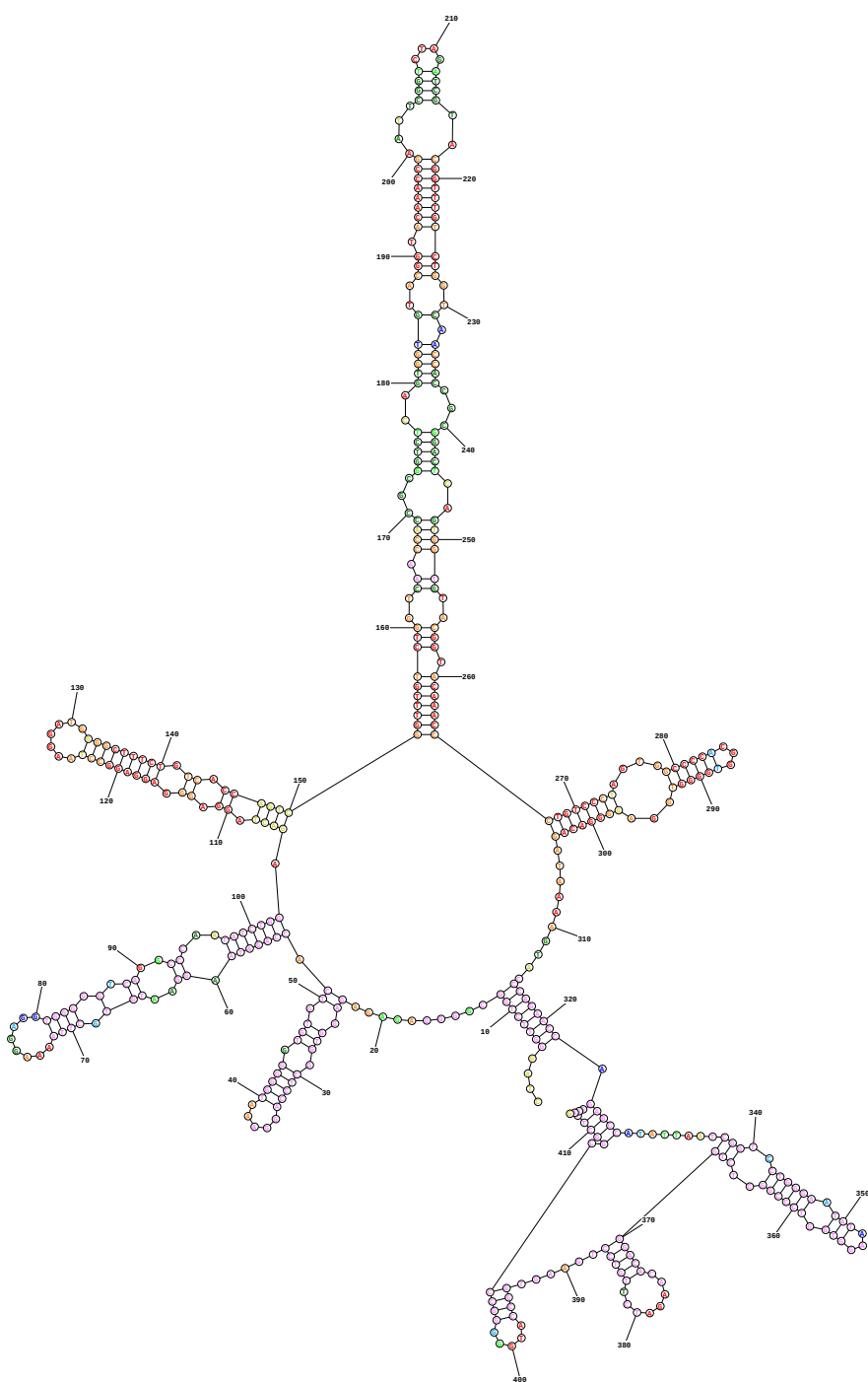
80% > Probability >= 70%

70% > Probability >= 60%

60% > Probability >= 50%

50% > Probability

ENERGY = -166.7 150bp-HA-20link



Probability >= 99%

99% > Probability >= 95%

95% > Probability >= 90%

90% > Probability >= 80%

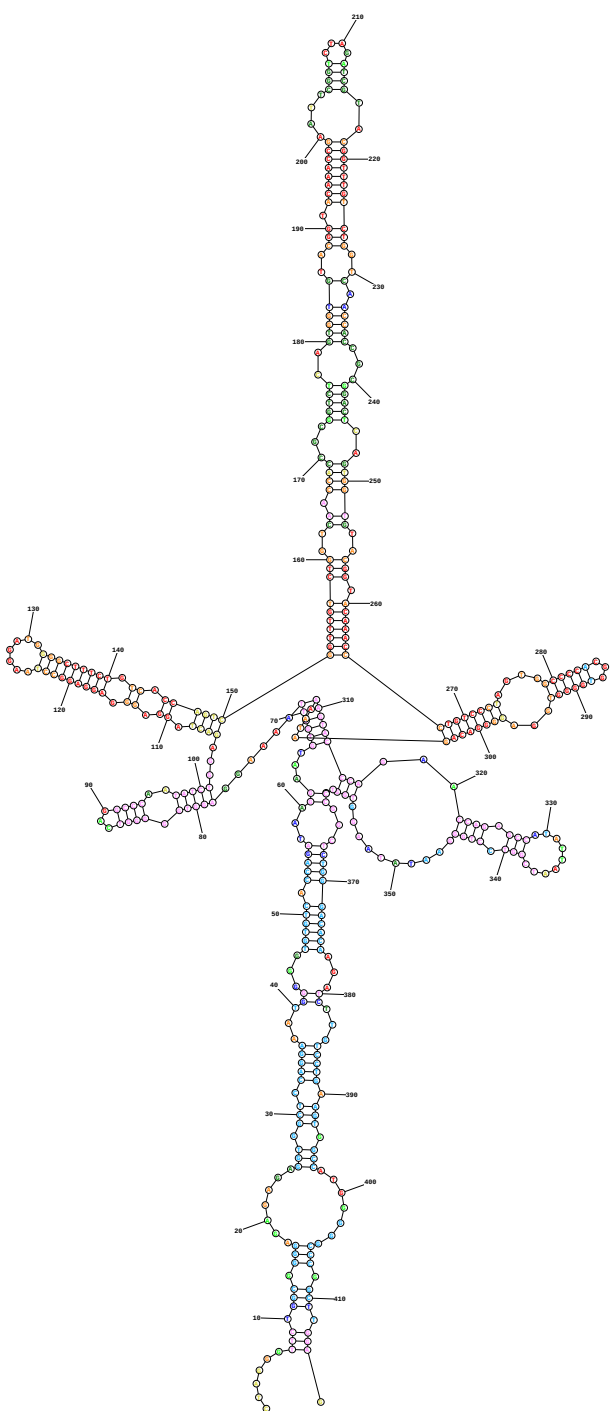
80% > Probability >= 70%

70% > Probability >= 60%

60% > Probability >= 50%

50% > Probability

ENERGY = -166.6 150bp-HA-20link



Probability >= 99%

99% > Probability >= 95%

95% > Probability >= 90%

90% > Probability >= 80%

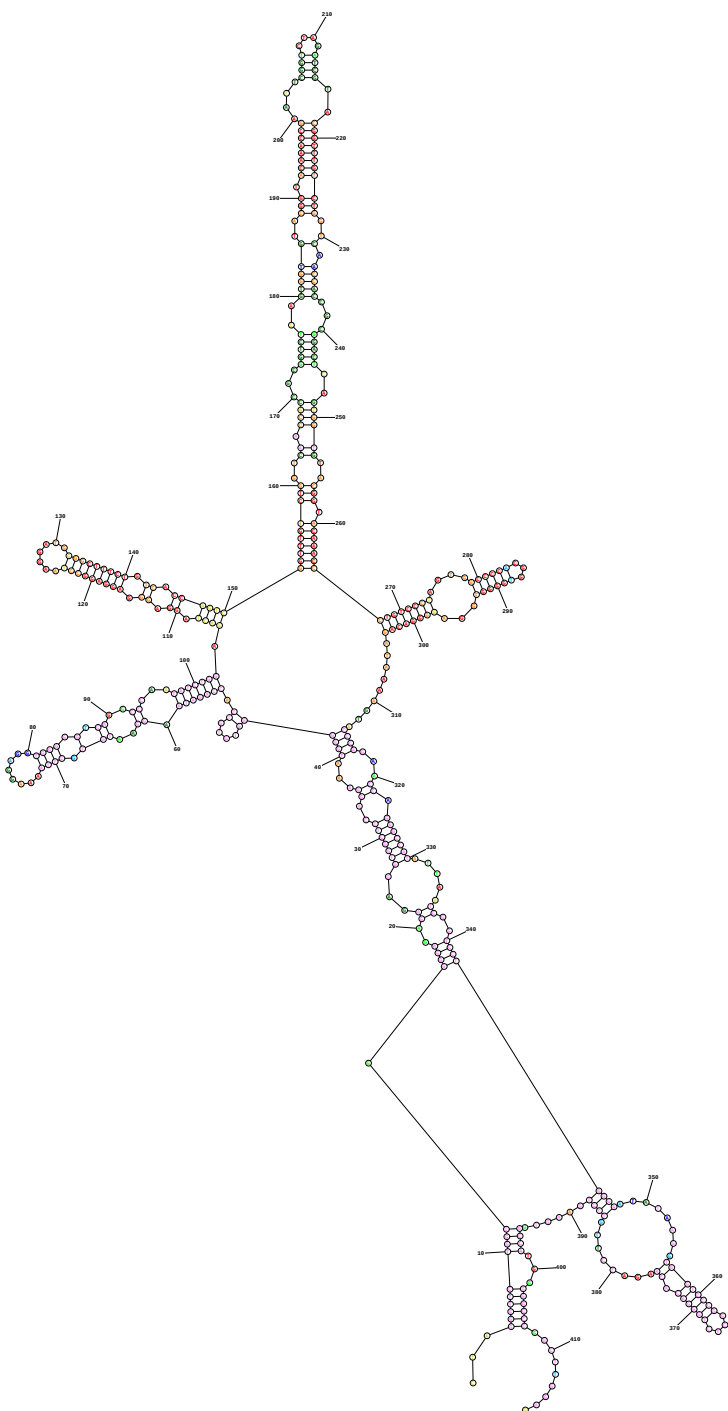
80% > Probability >= 70%

70% > Probability >= 60%

60% > Probability >= 50%

50% > Probability

ENERGY = -166.5 150bp-HA-20link



Probability >= 99%

99% > Probability >= 95%

95% > Probability >= 90%

90% > Probability >= 80%

80% > Probability >= 70%

70% > Probability >= 60%

60% > Probability >= 50%

50% > Probability

ENERGY = -166.2 150bp-HA-20link