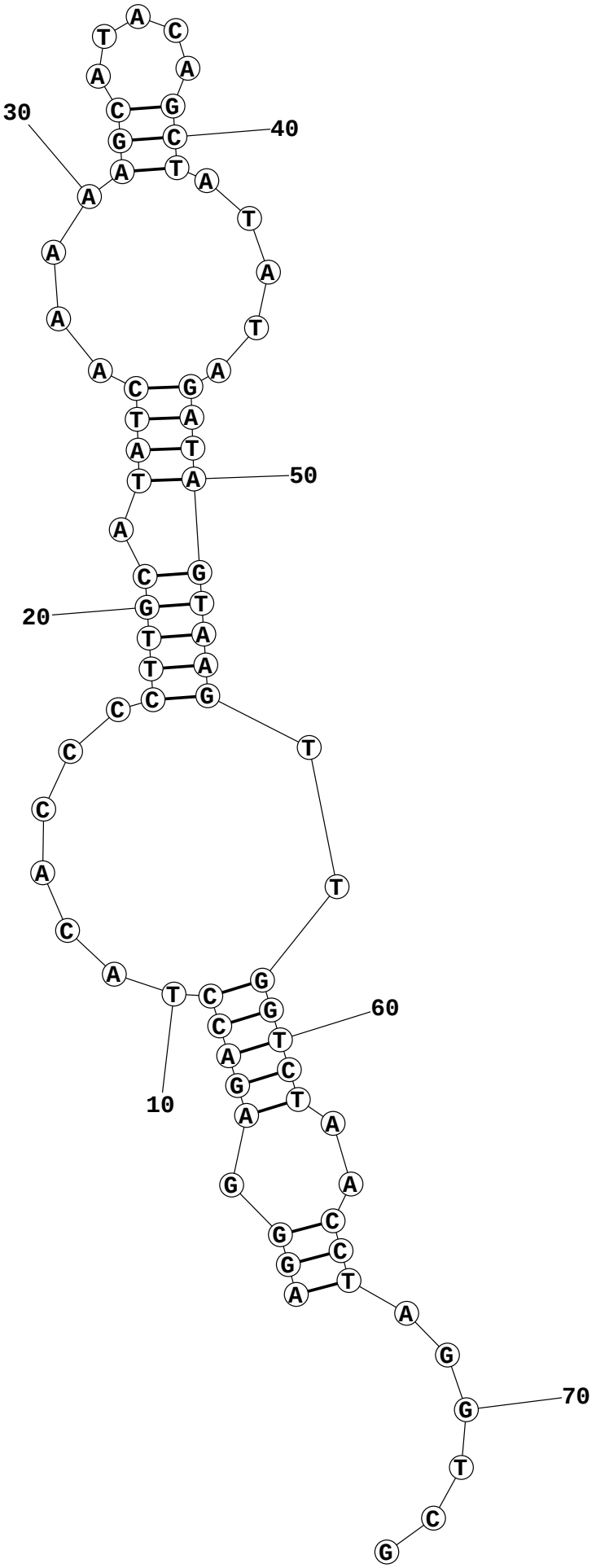


**ENERGY = -32.2  seq2**