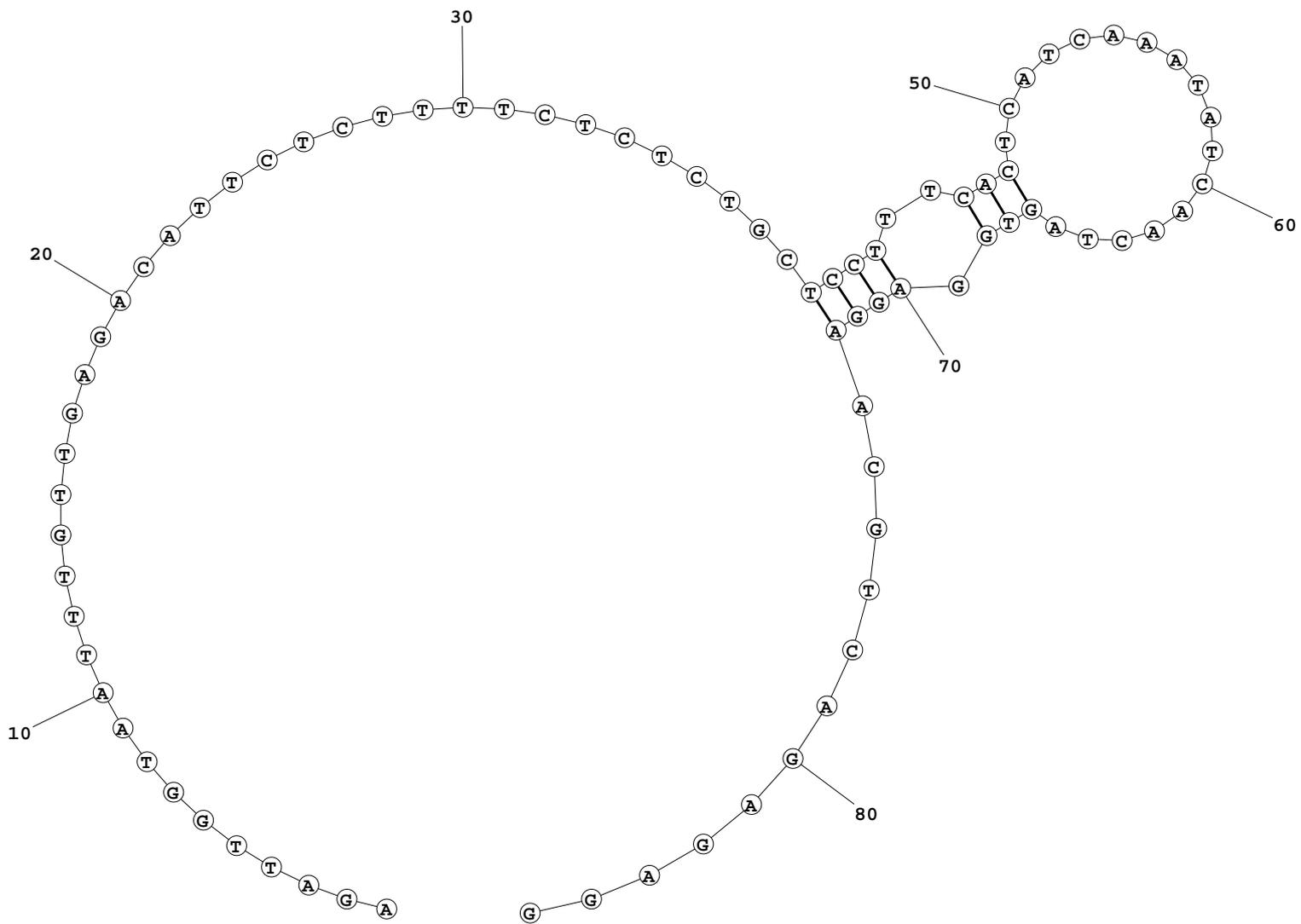ENERGY = -6.5   S1_V7_loop

ENERGY = -6.2 S1_V7_loop

ENERGY = -3.5   S1_V7_loop

ENERGY = -3.8   S1_V7_loop