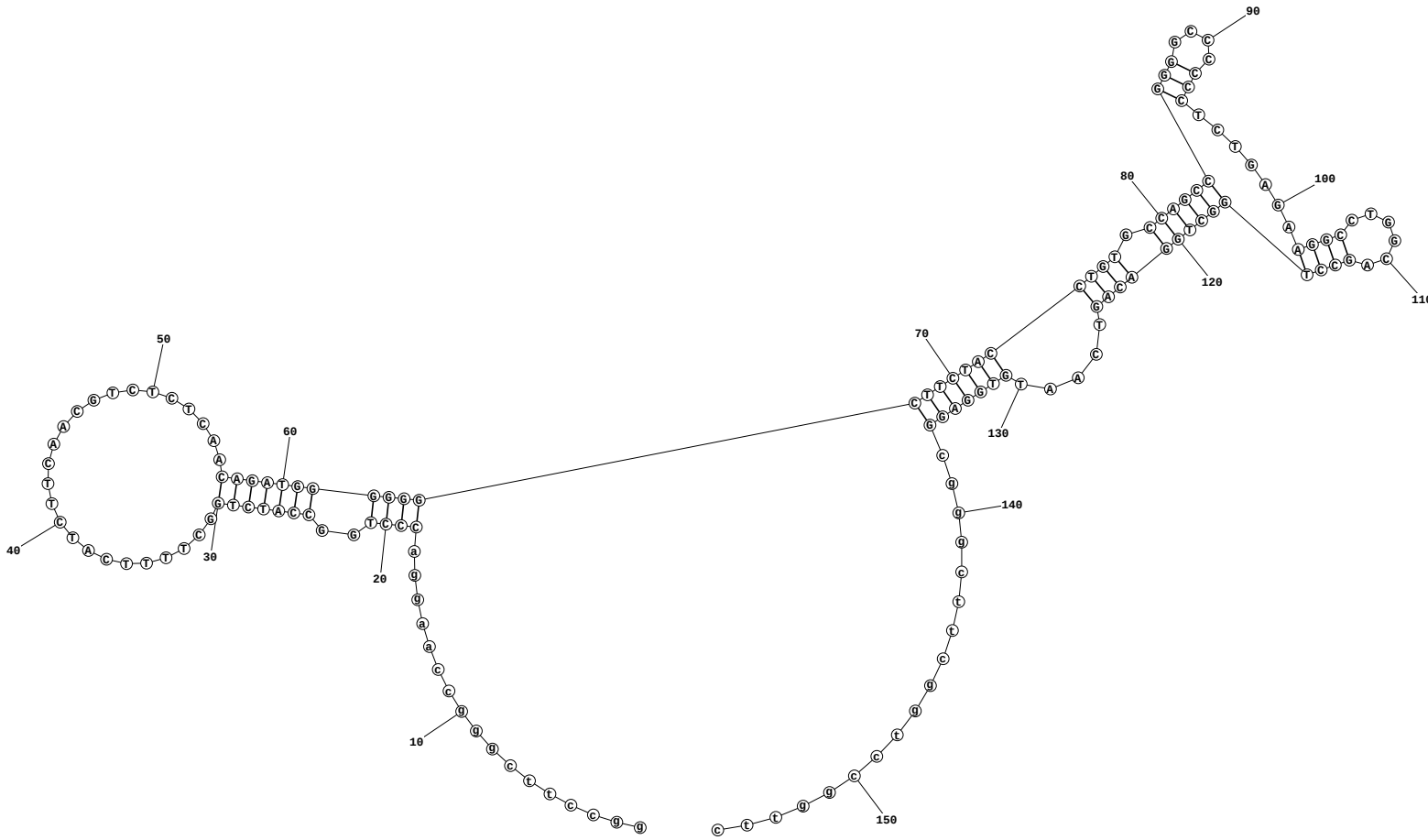


**ENERGY = -72.5  ref**