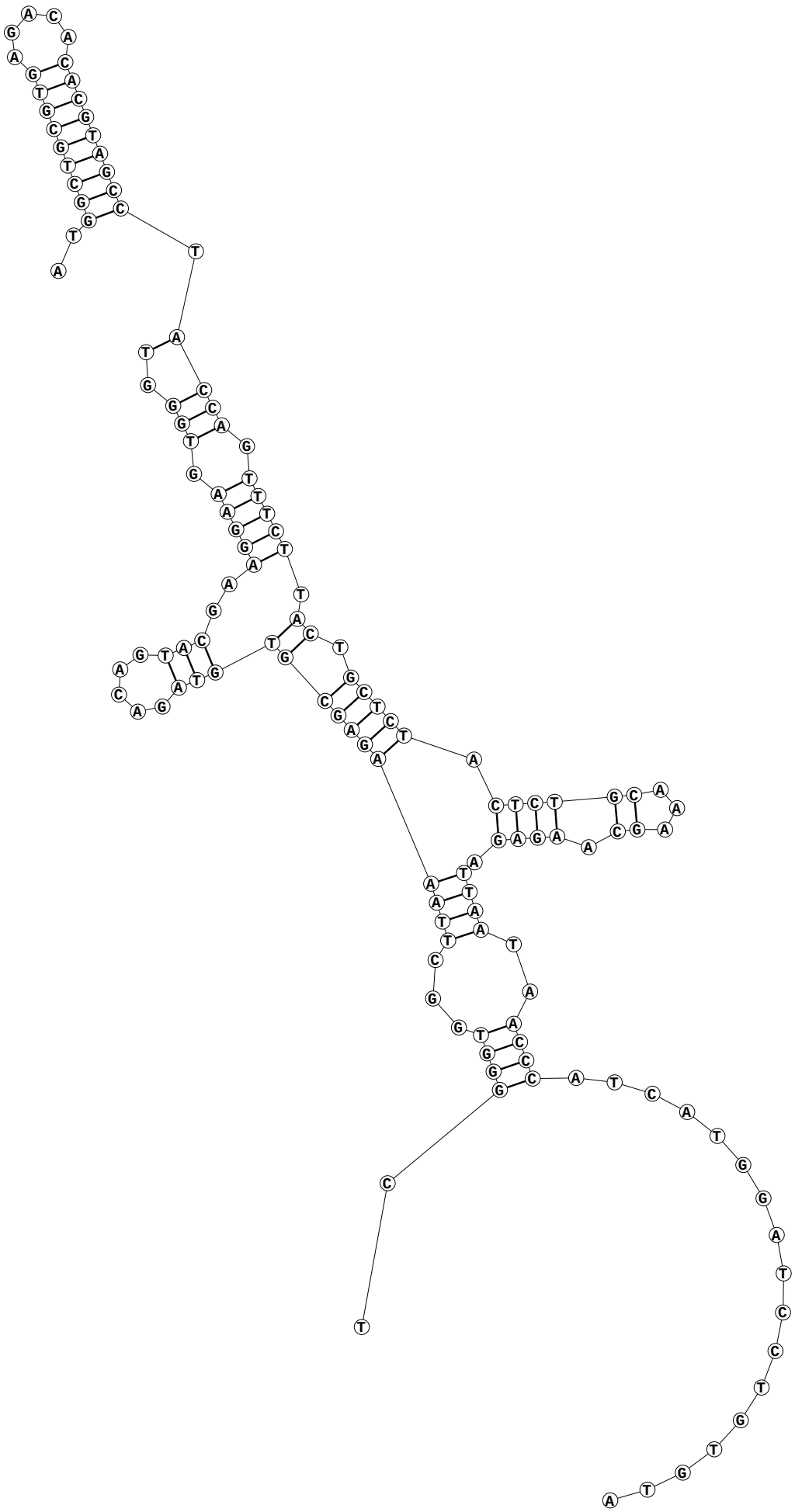

**ENERGY = -26.4  apt1_ chikv**