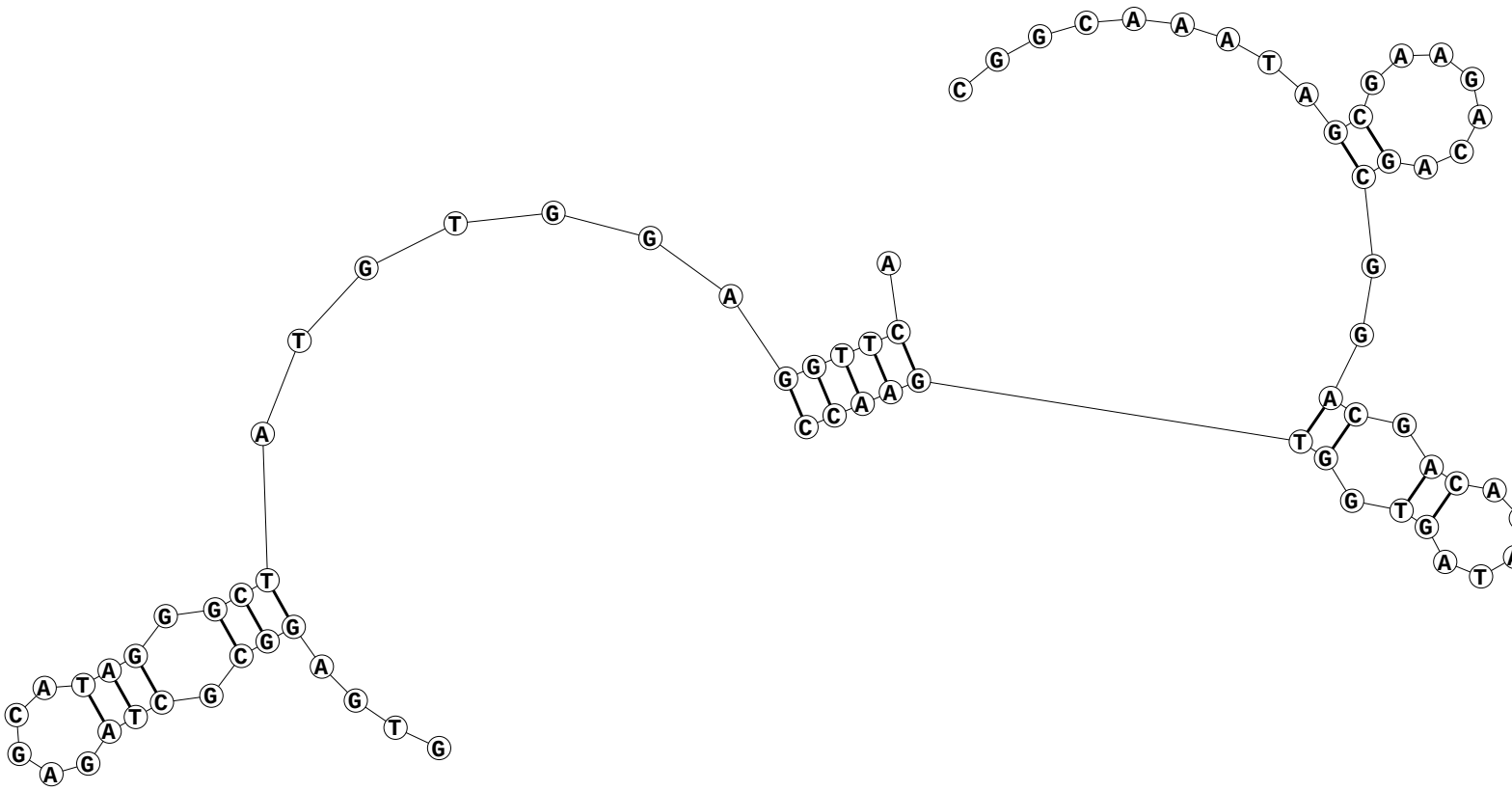

ENERGY = -16.6 bad_fw_ bad_rv