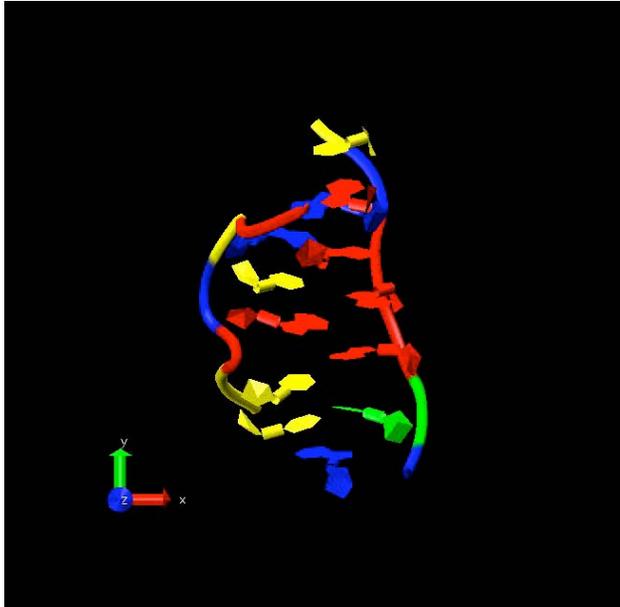
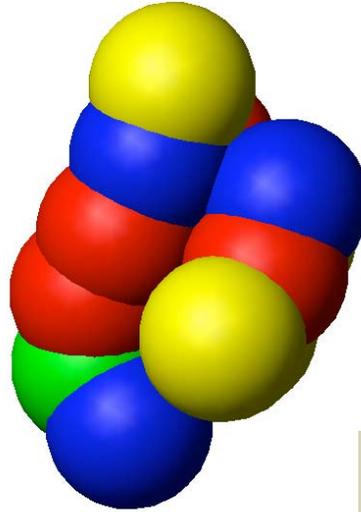


In RNA, when all else fails, Stack!



Current Approximation



Lennard-Jones

$$V_{LJ}(r) = 4\epsilon_{ij} \left[ \left( \frac{\sigma_{ij}}{r} \right)^{12} - \left( \frac{\sigma_{ij}}{r} \right)^6 \right]$$

Gay-Berne

$$V_{GB}(r_{ij}, u_i, u_j) = 4\epsilon^{GB}(r_{ij}, u_i, u_j) \left[ \left( \frac{\sigma^{GB}}{r - \sigma(r_{ij}, u_i, u_j) + \sigma^{GB}} \right)^{12} - \left( \frac{\sigma^{GB}}{r - \sigma(r_{ij}, u_i, u_j) + \sigma^{GB}} \right)^6 \right]$$

