The following supplement accompanies the article

Specificity in communities of *Symbiodinium* in corals from Johnston Atoll

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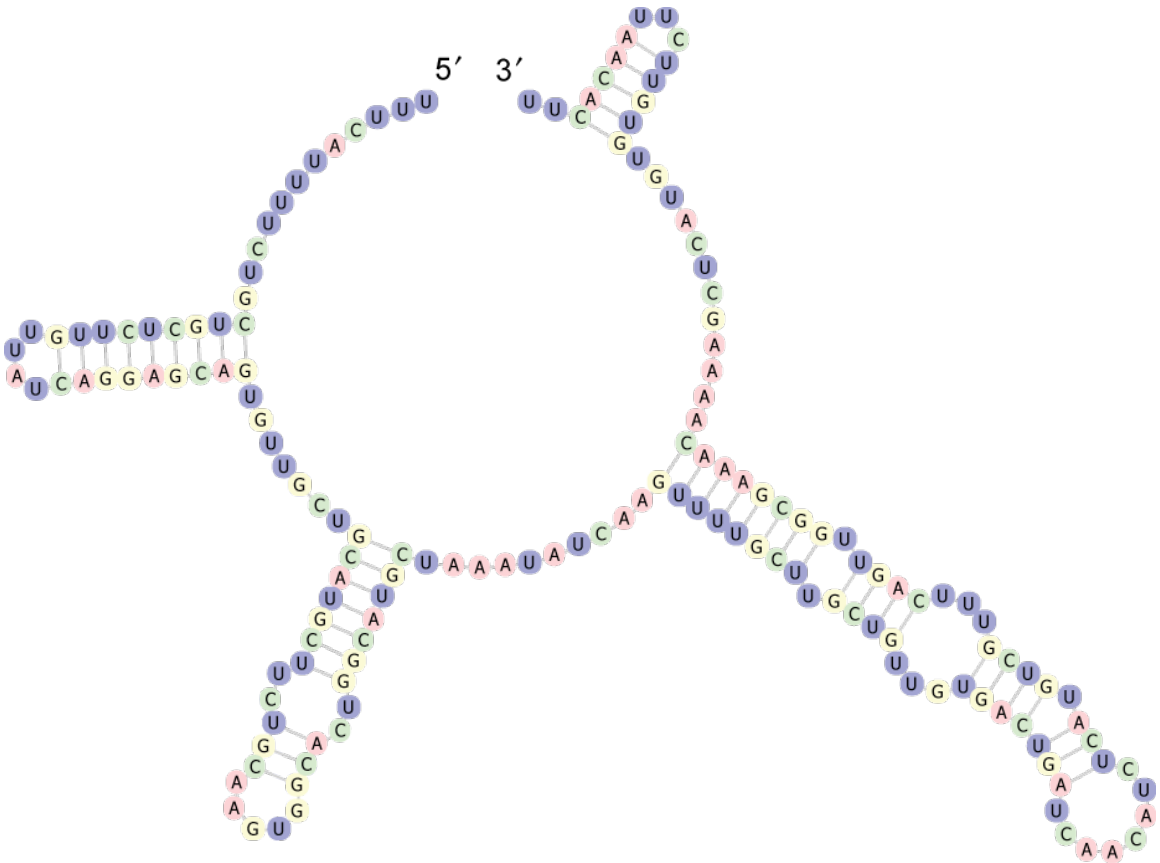
Supplementary Material

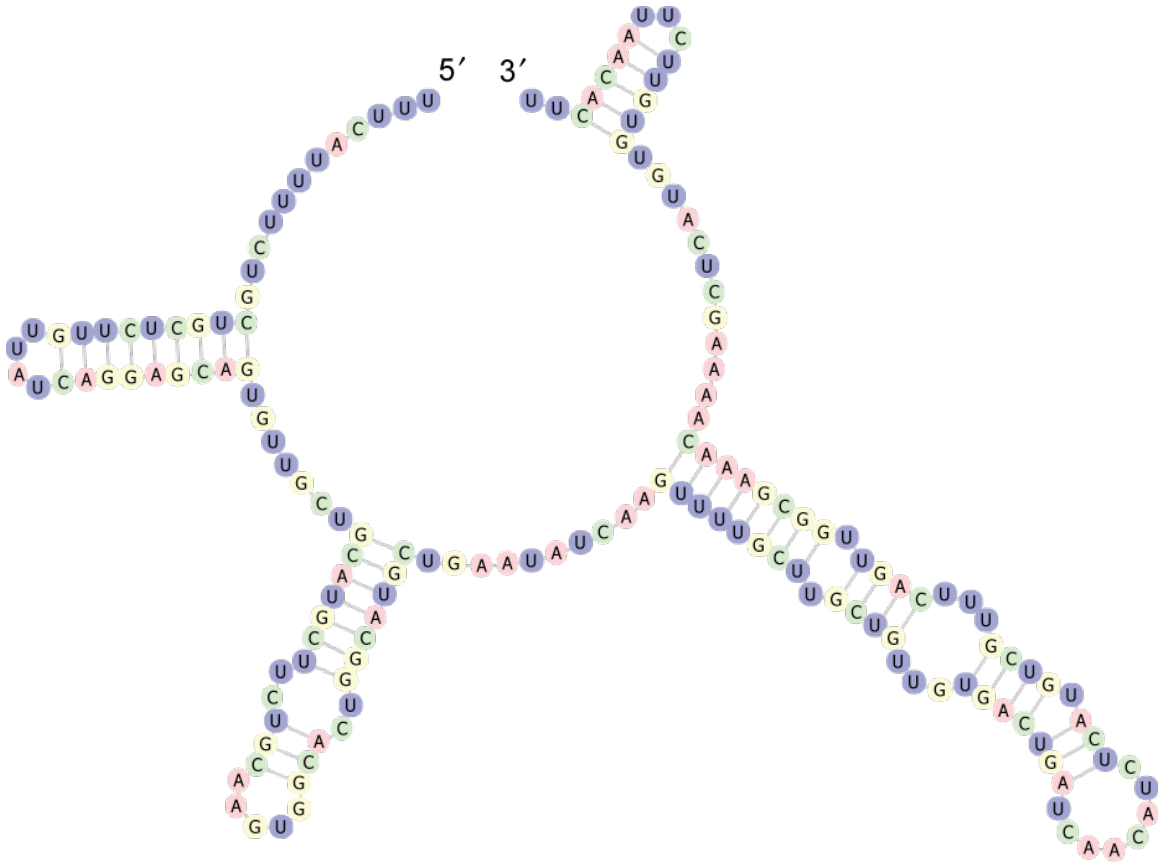
Symbiodinium ITS2 secondary structures

Clade A

A1 Δ*G* -51.70 kcal/mol (Hunter et al 2007)

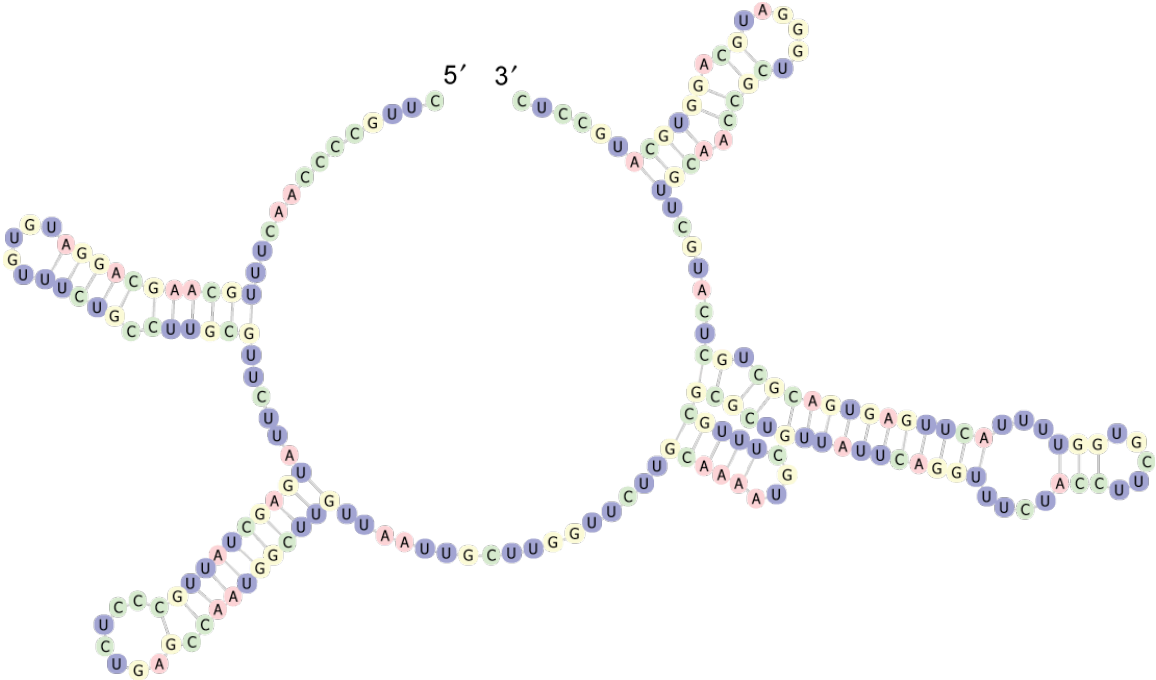


A1.1 ΔG -51.70 kcal/mol

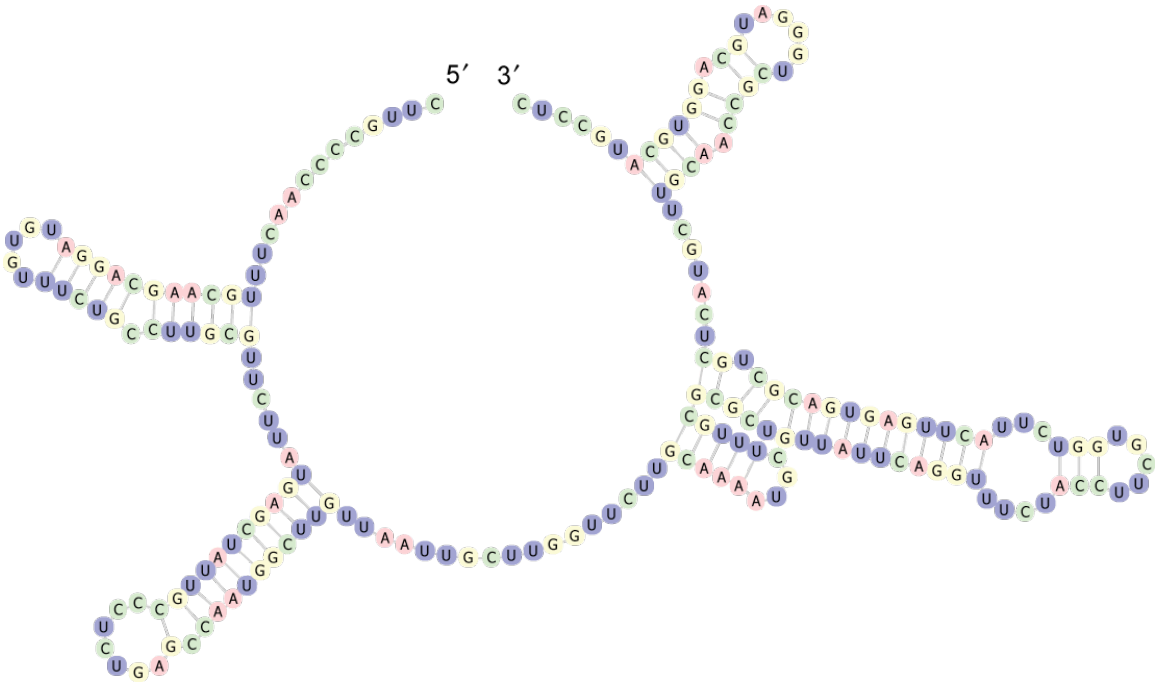


Clade C

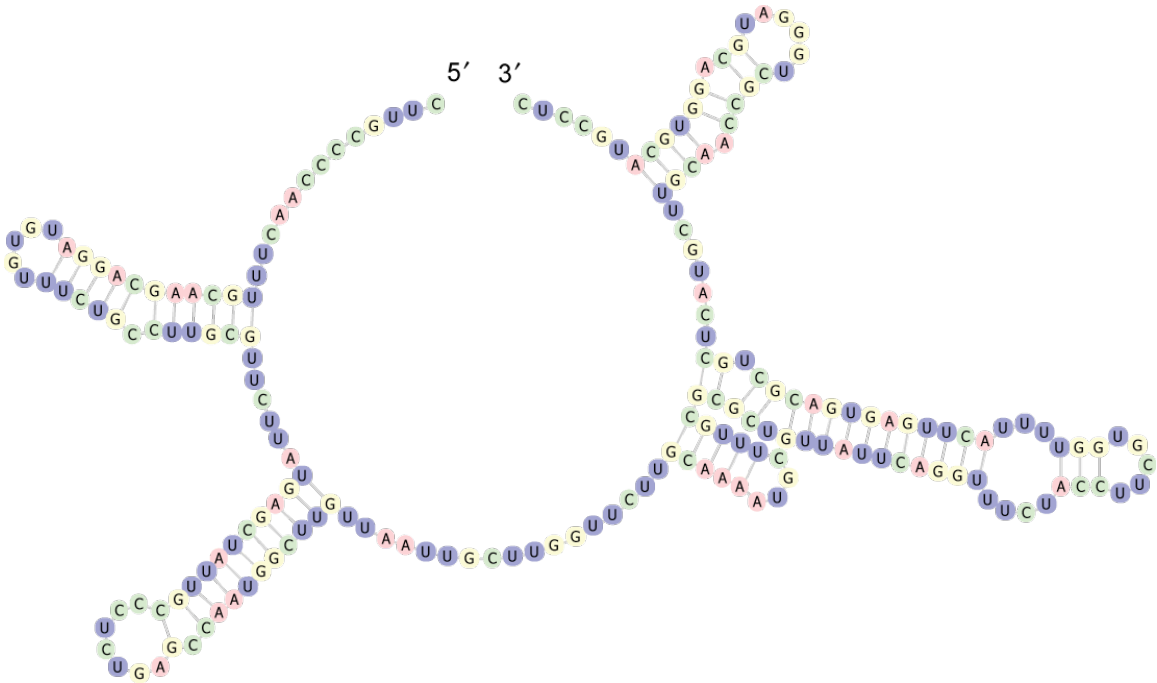
C1 ΔG -51.80 kcal/mol (Hunter et al 2007)



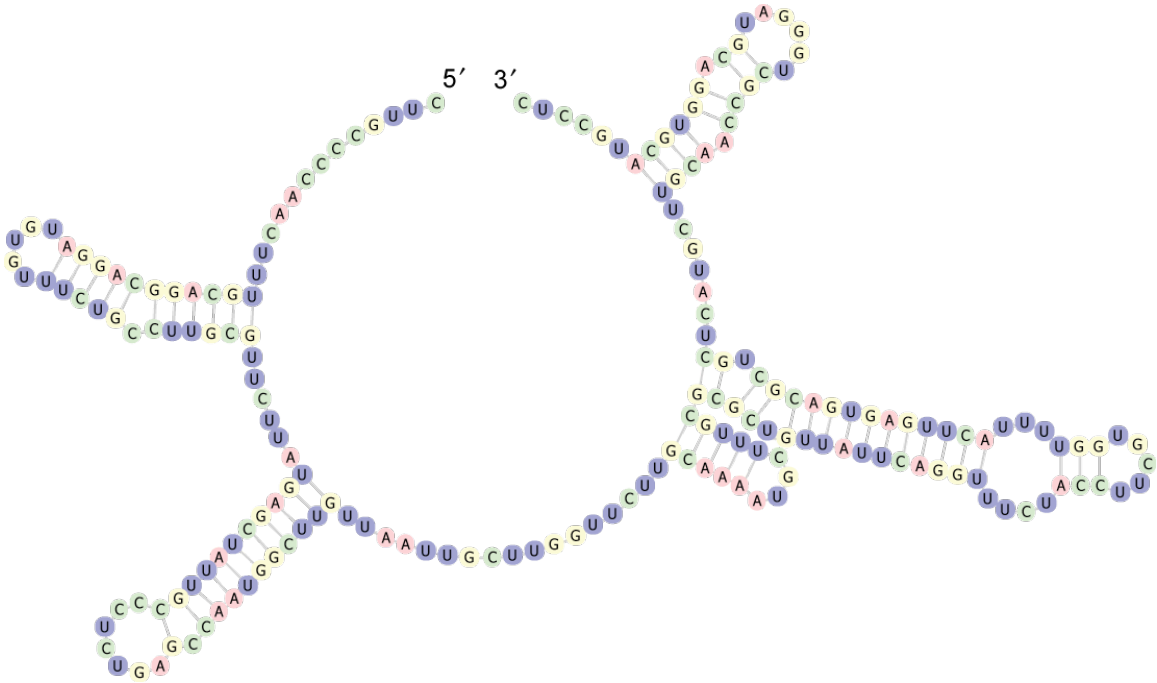
C1.5 ΔG -51.10 kcal/mol



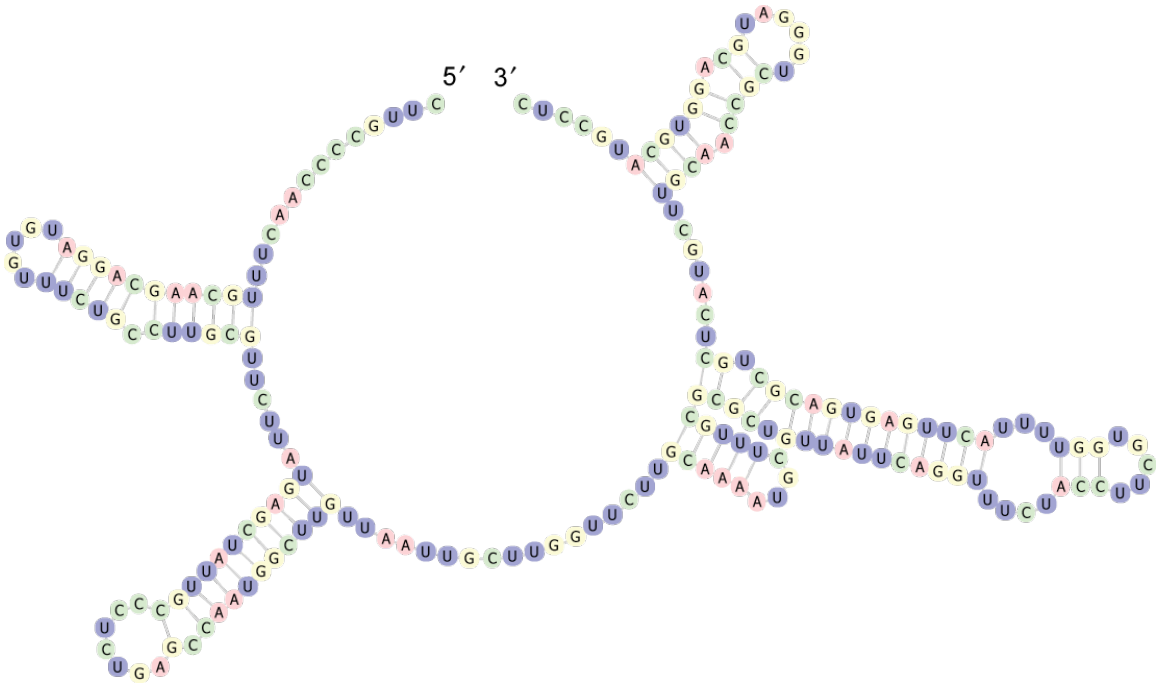
C1.6 ΔG -51.80 kcal/mol



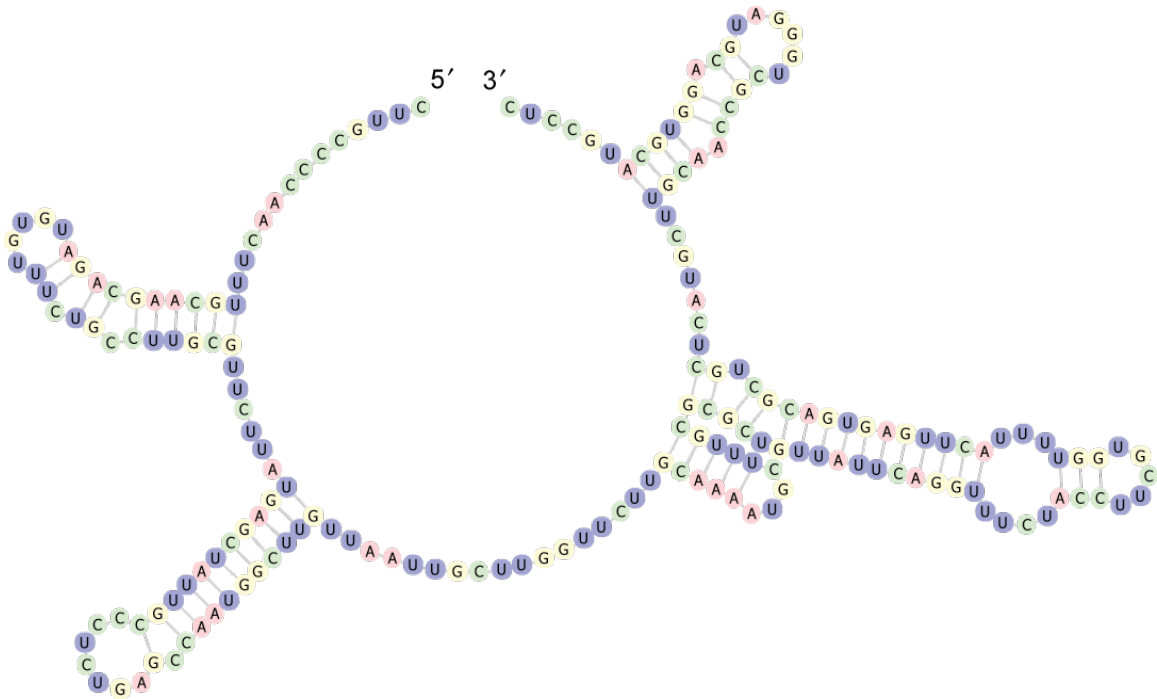
C1.7 ΔG -51.50 kcal/mol



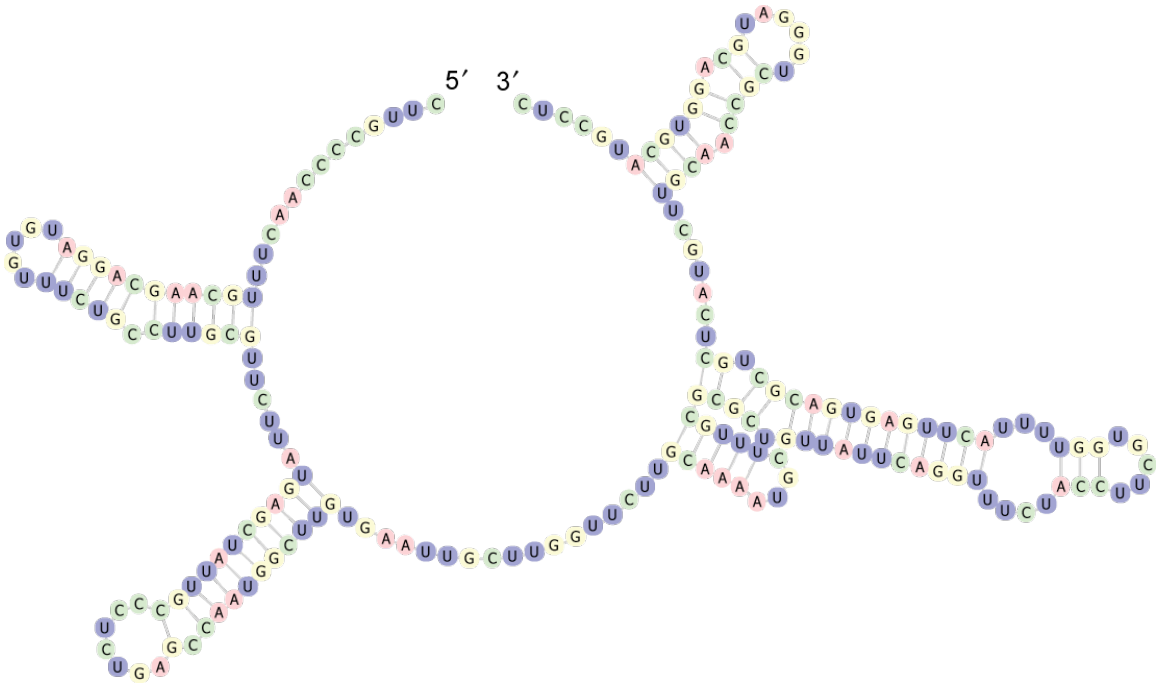
C1.8 ΔG -51.80 kcal/mol



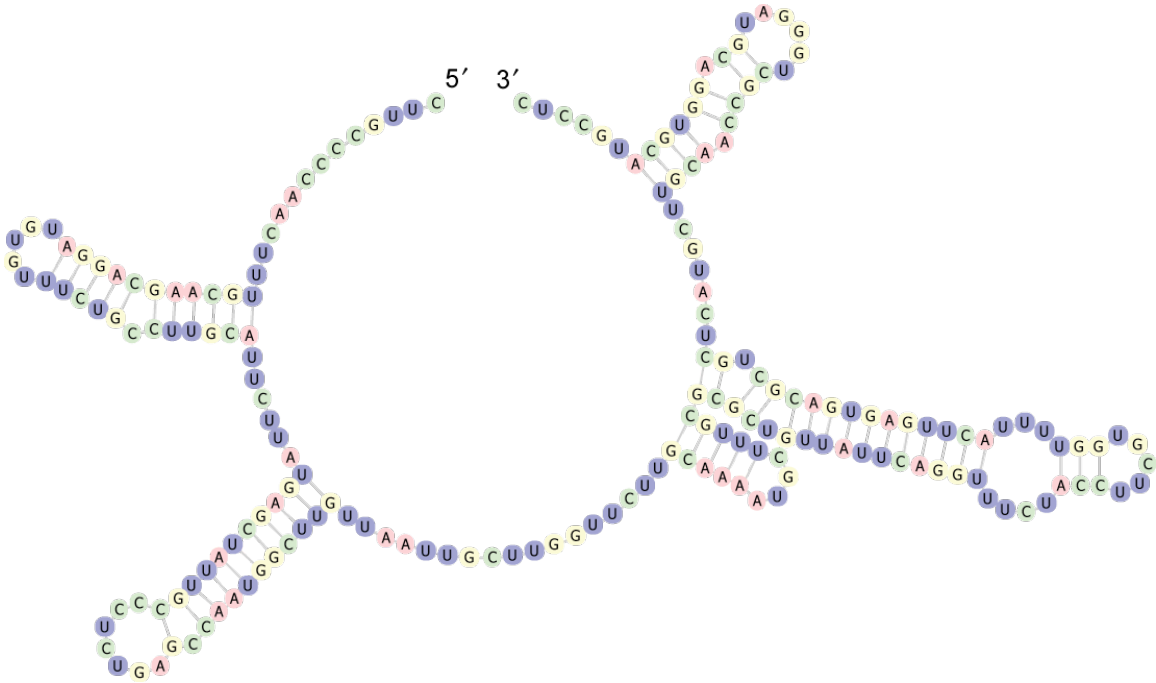
C1ca ΔG -45.00 kcal/mol



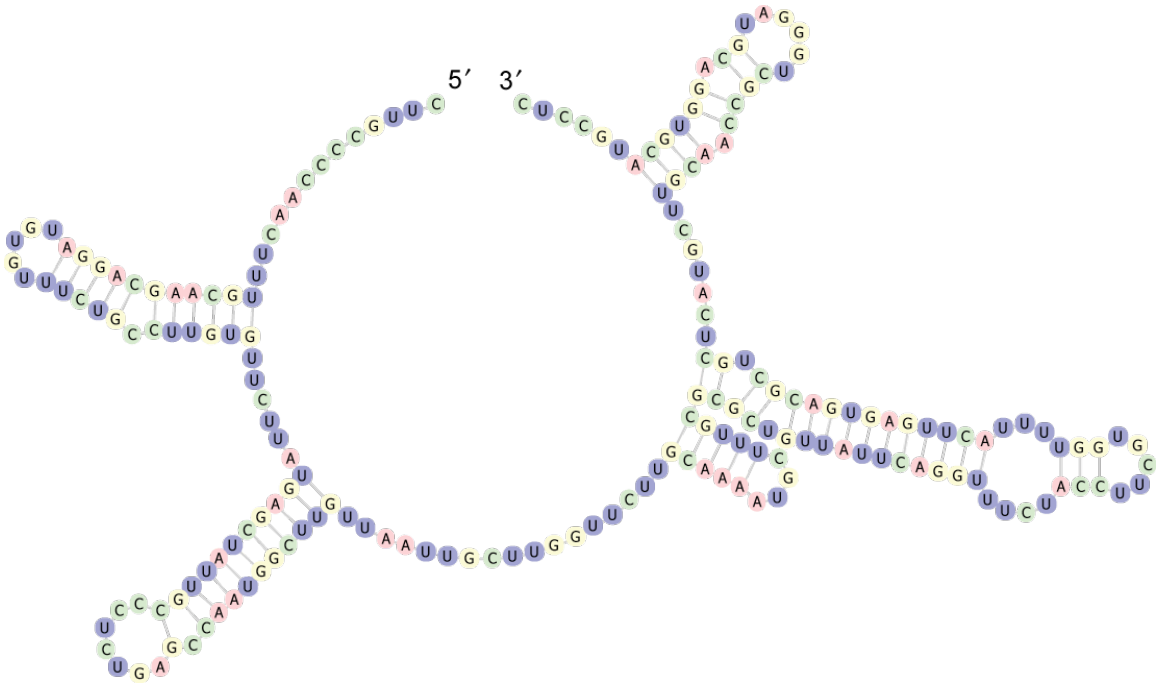
C45 ΔG -51.80 kcal/mol



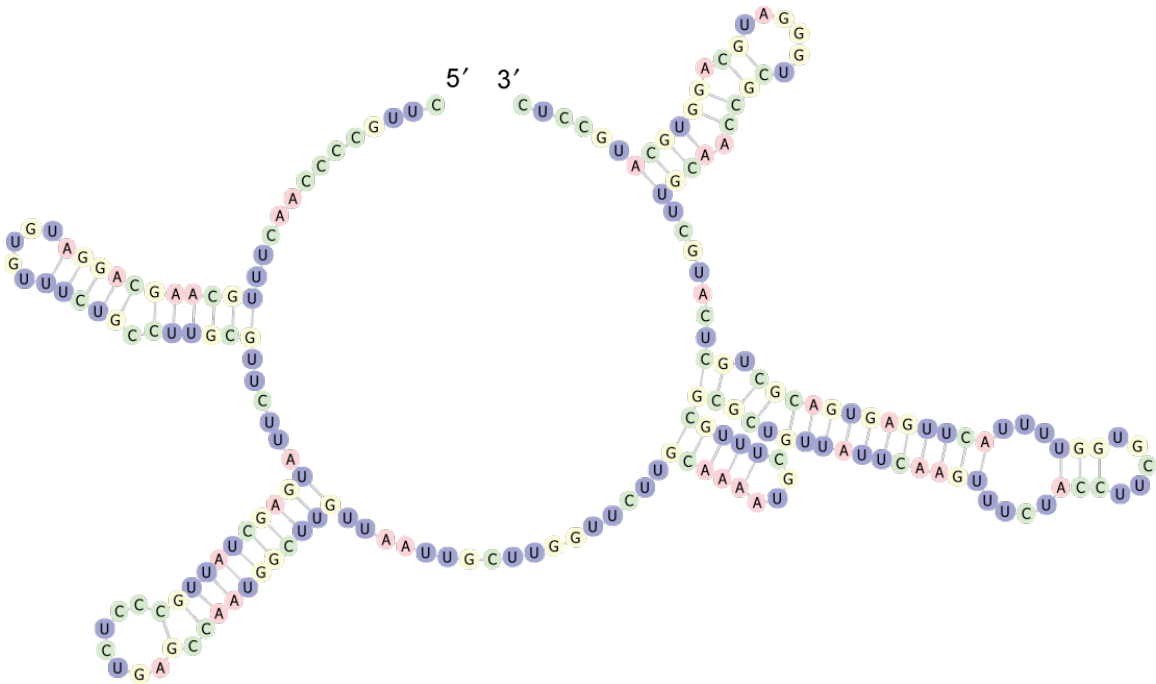
C1f ΔG -52.50 kcal/mol



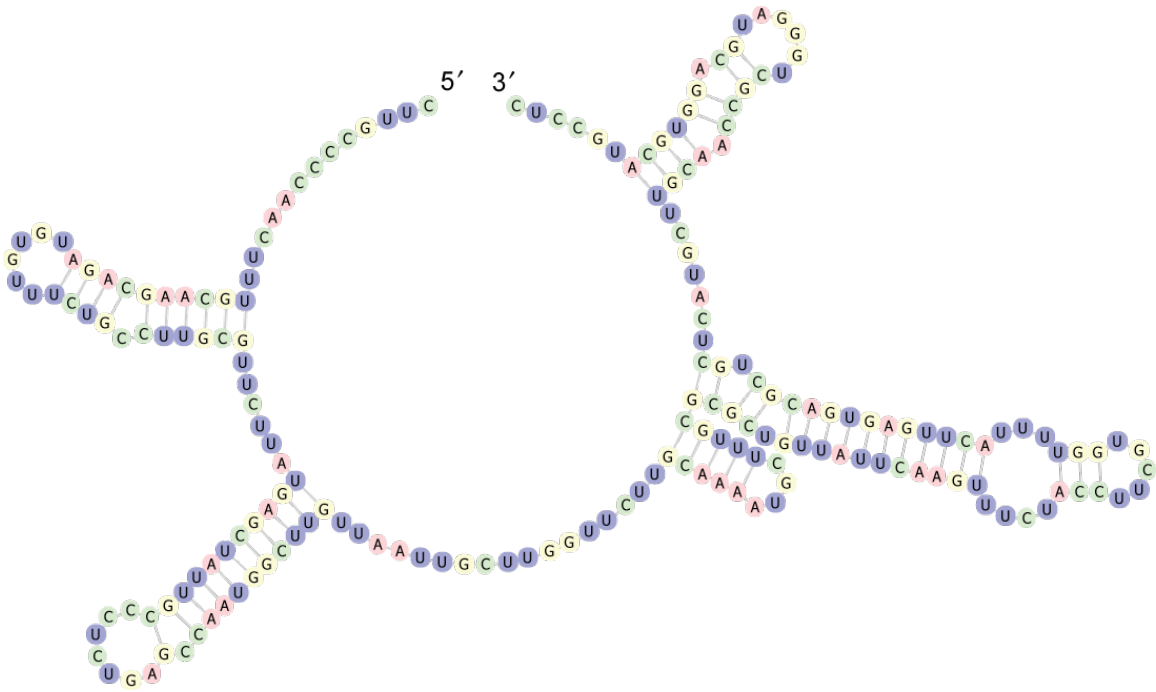
C1h ΔG -49.20 kcal/mol



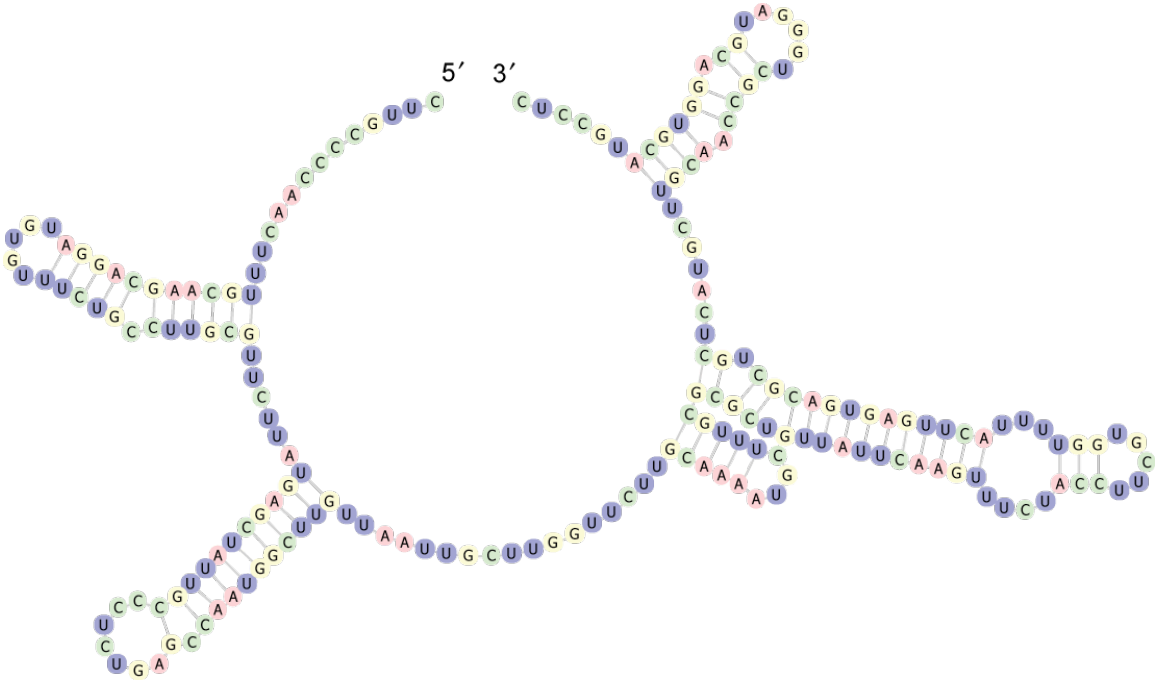
C3 ΔG -52.10 kcal/mol



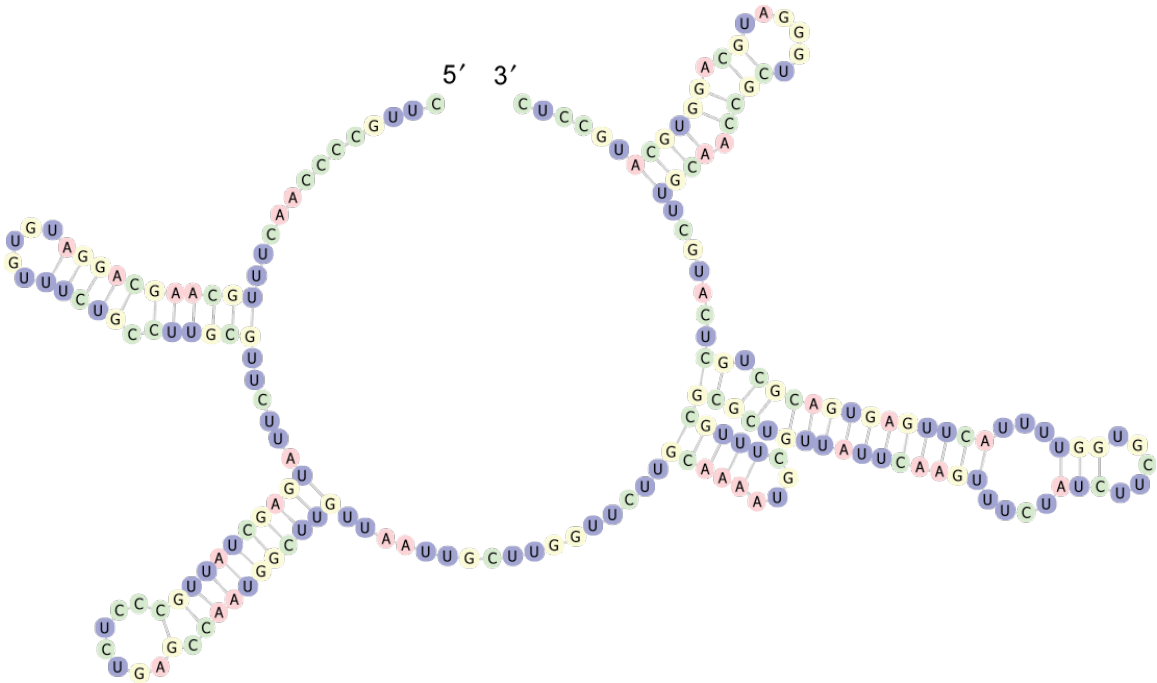
C3.2 ΔG –51.90 kcal/mol



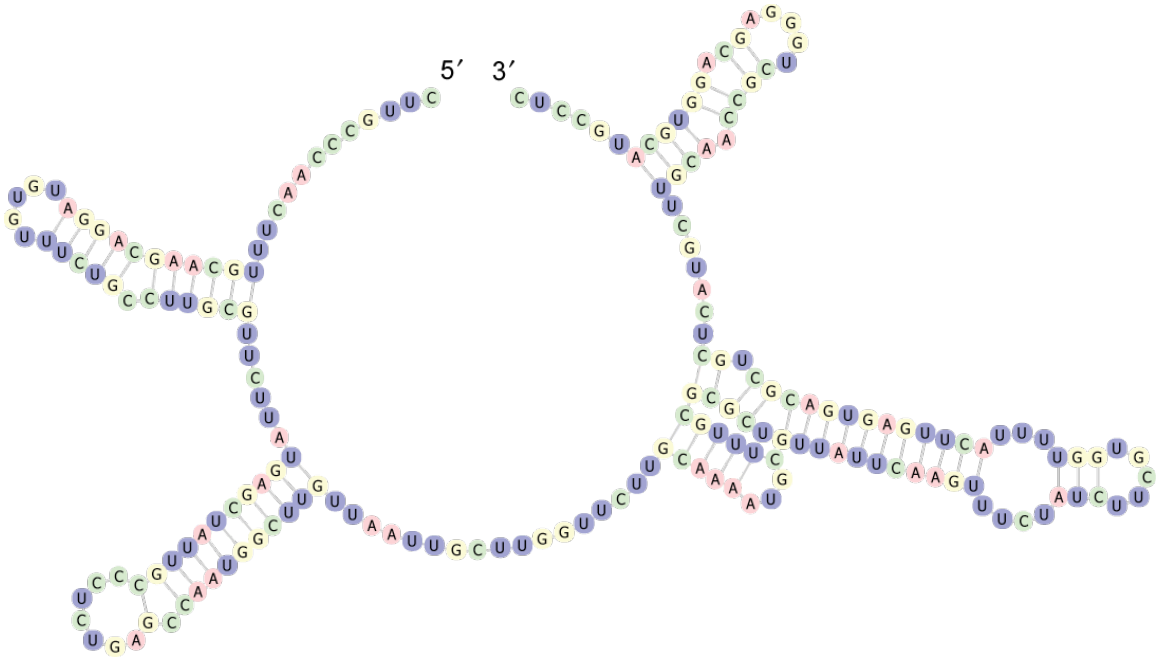
C3.7 ΔG –52.10 kcal/mol



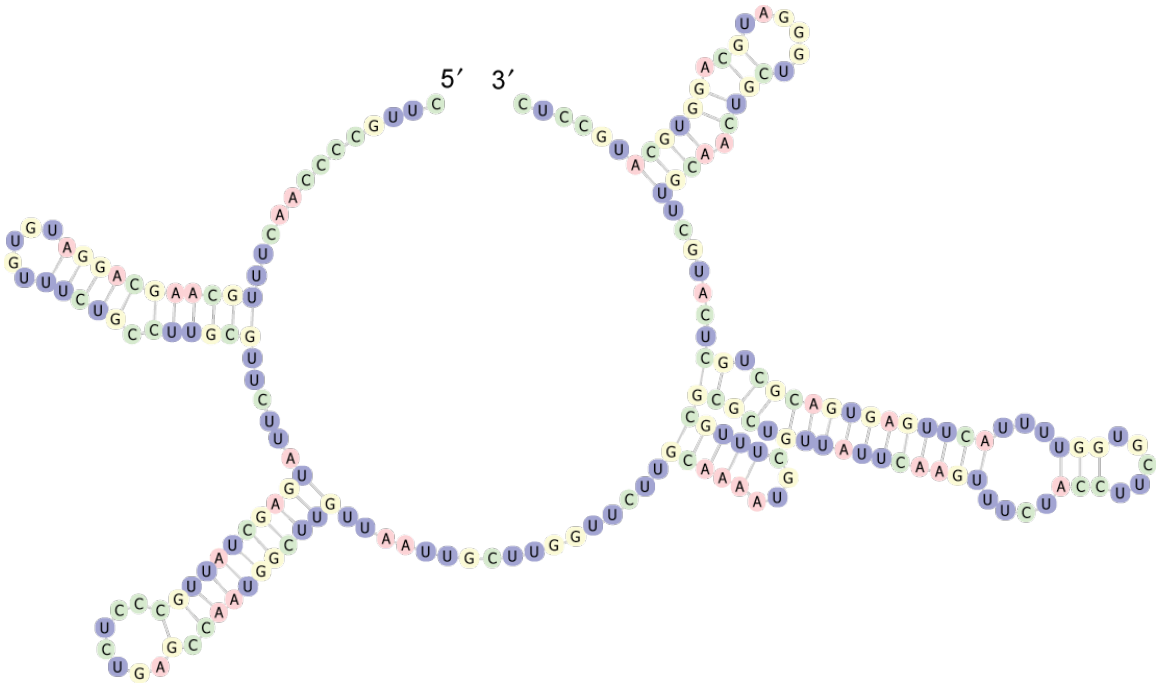
C3.8 Δ*G* -49.50 kcal/mol



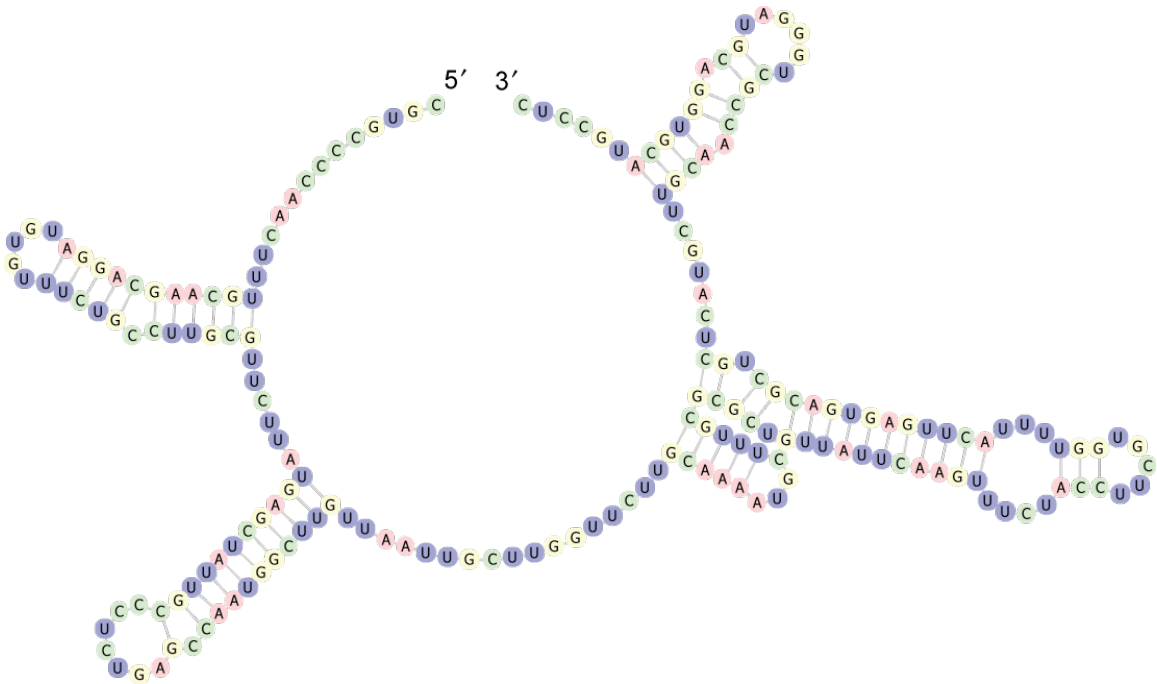
C3.9 Δ*G* -49.00 kcal/mol



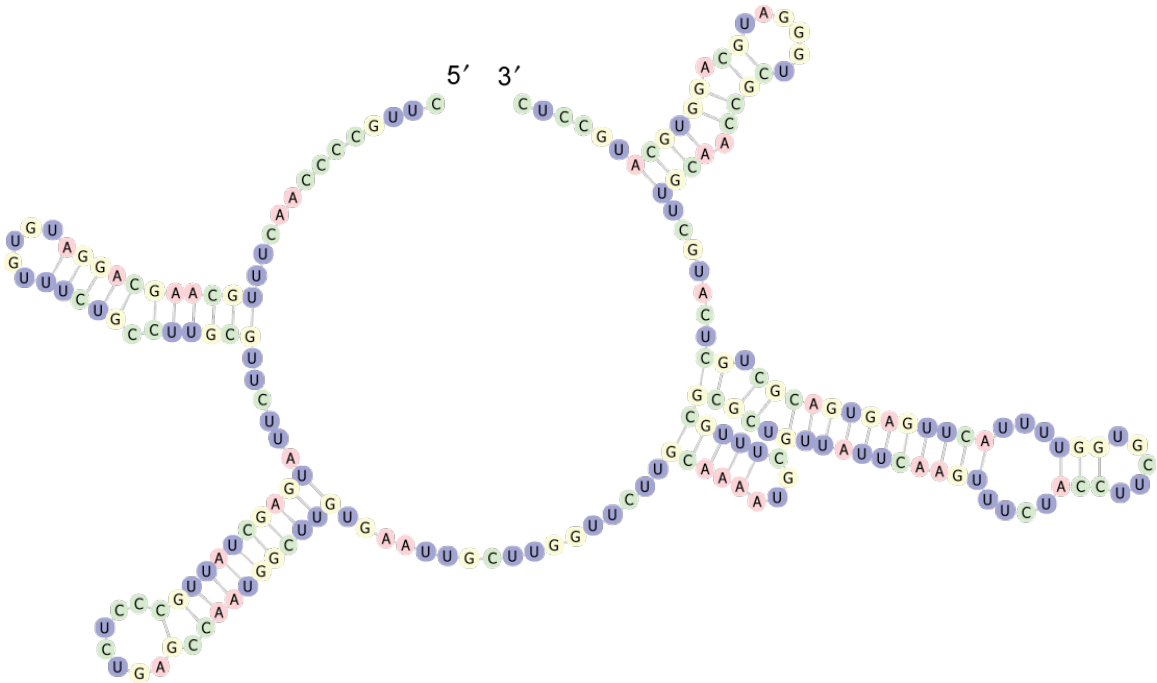
C3.10 ΔG -49.90 kcal/mol



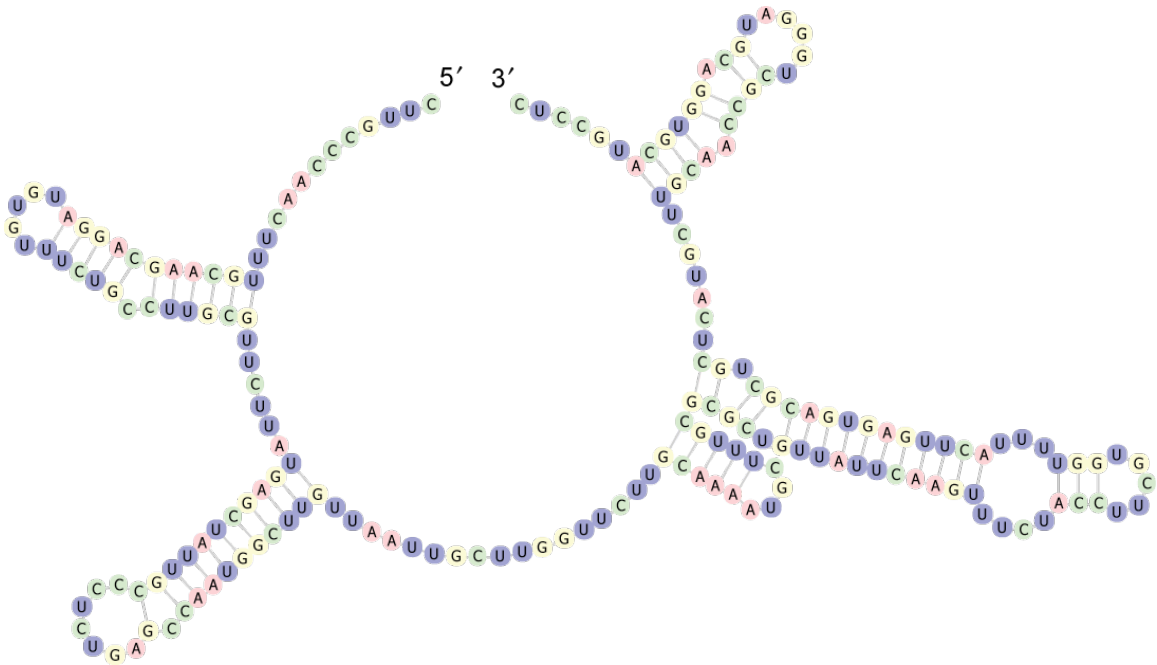
C3.11 ΔG -52.10 kcal/mol



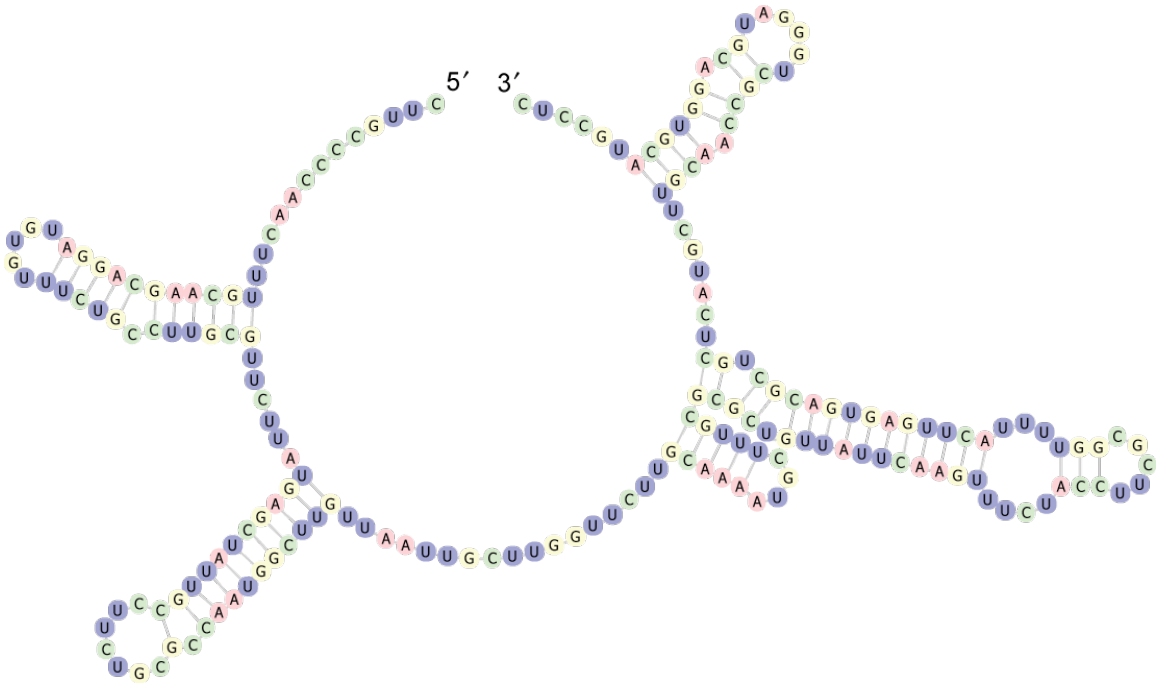
C3.12 Δ*G* -52.10 kcal/mol



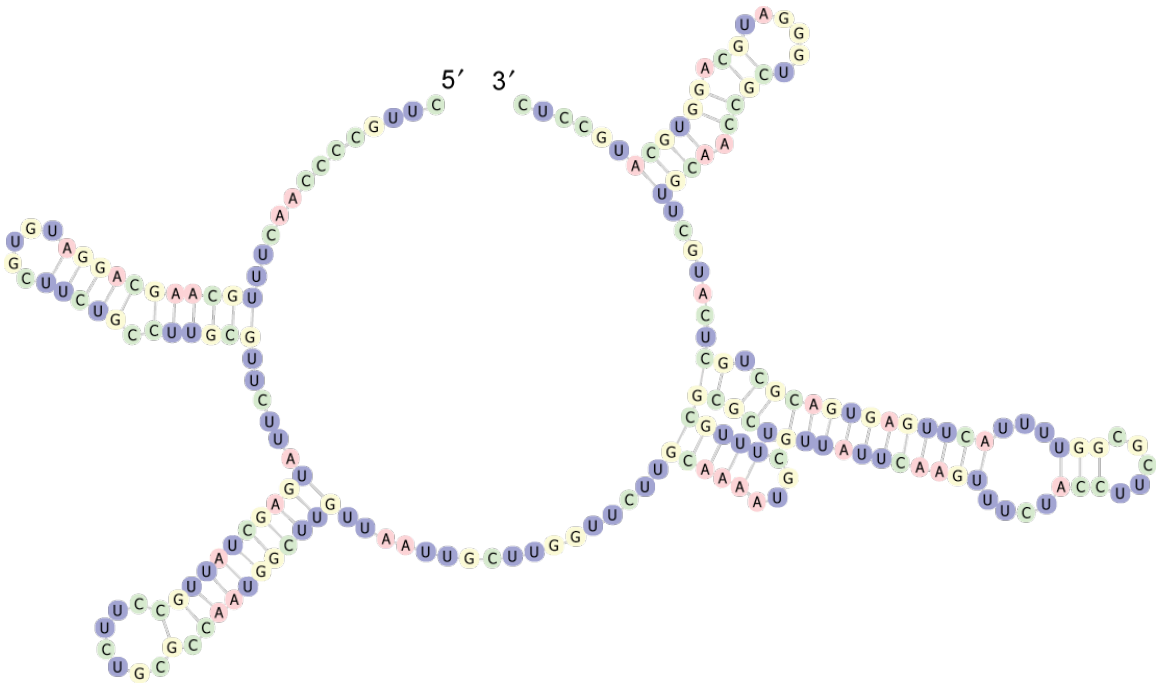
C3b Δ*G* -52.10 kcal/mol



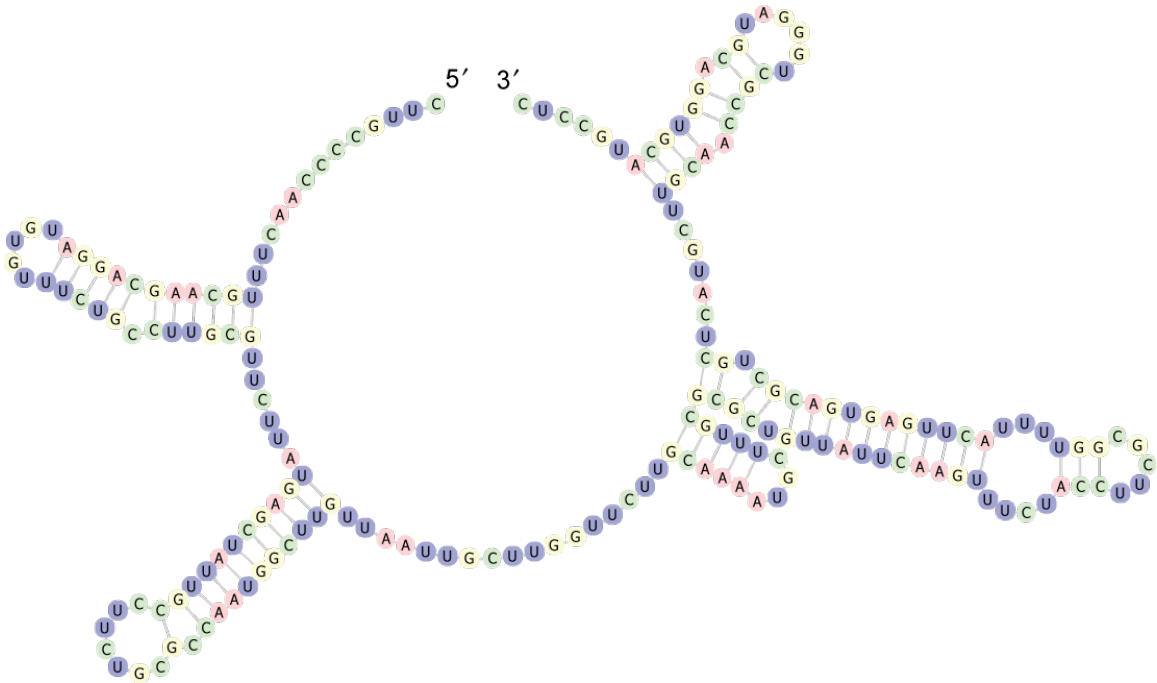
C15 Δ*G* -51.40 kcal/mol



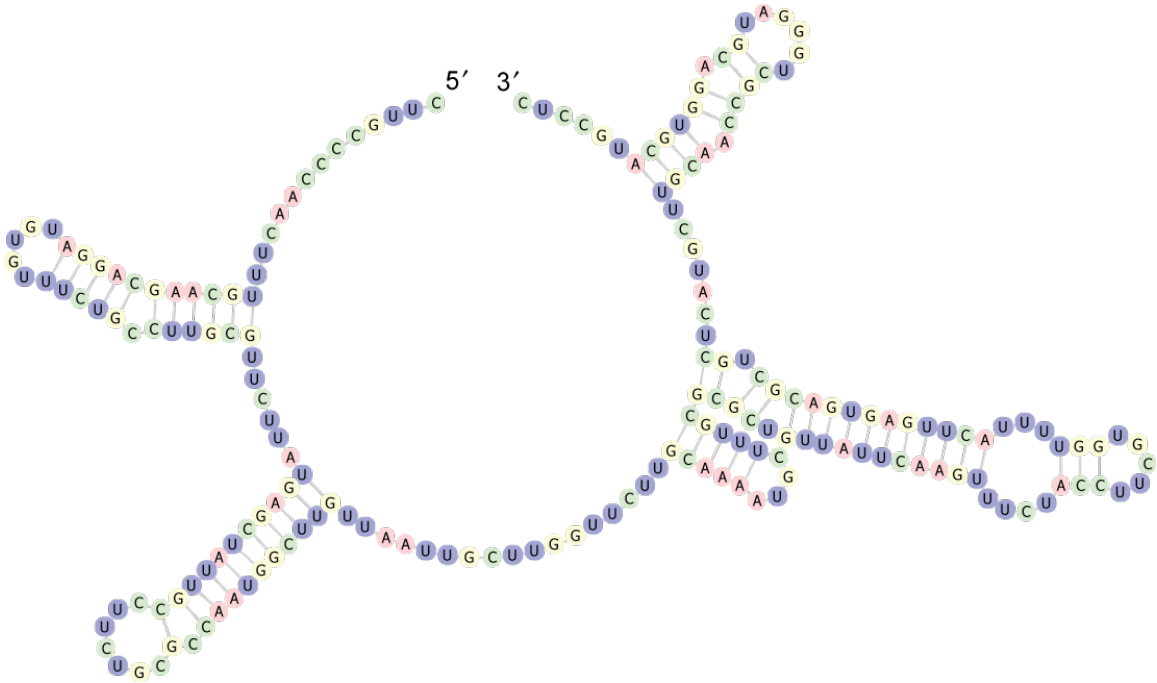
C15.1 Δ*G* -50.60 kcal/mol



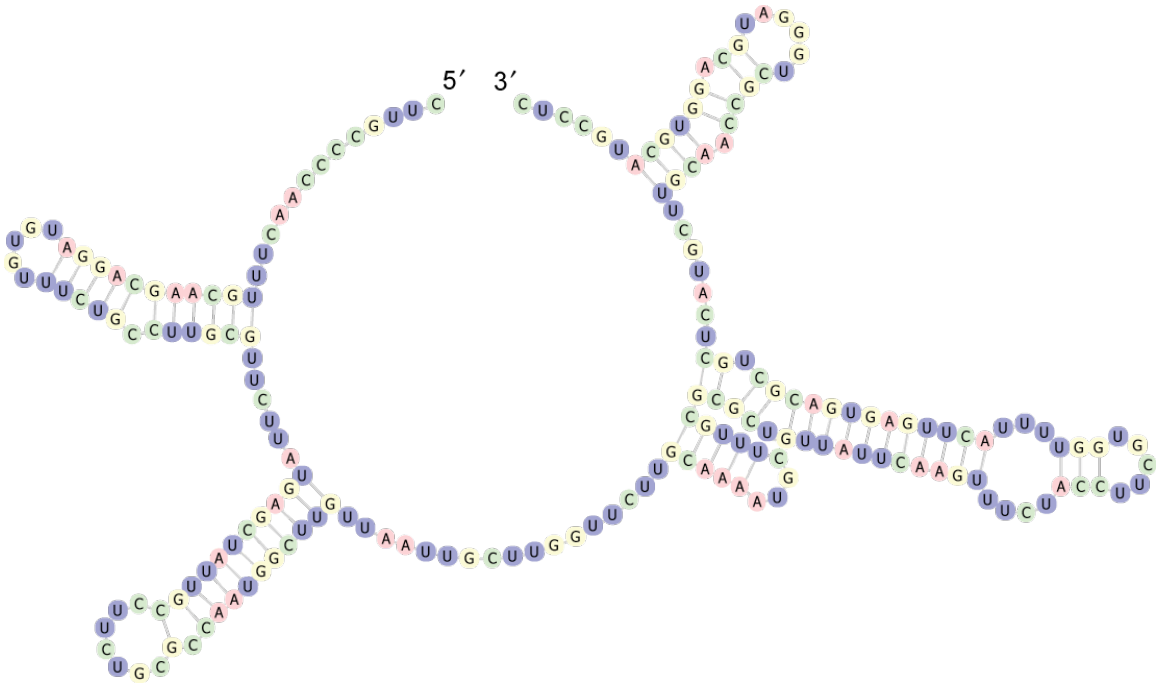
C15.2 ΔG -51.40 kcal/mol



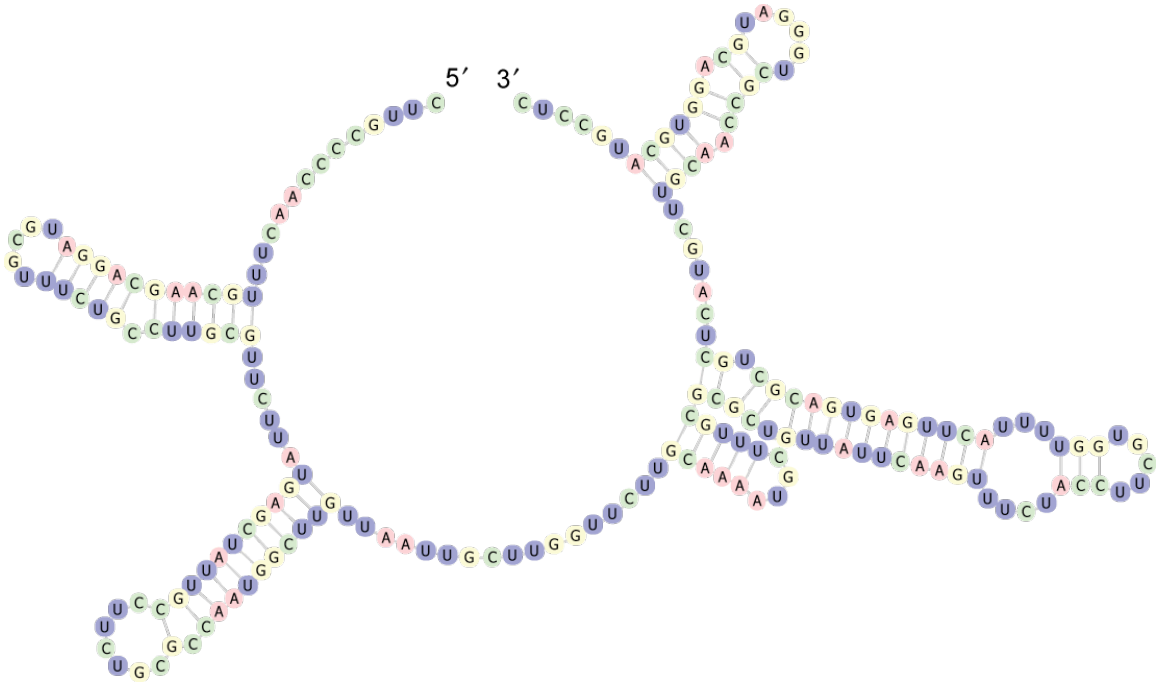
C15.3 ΔG -52.00 kcal/mol



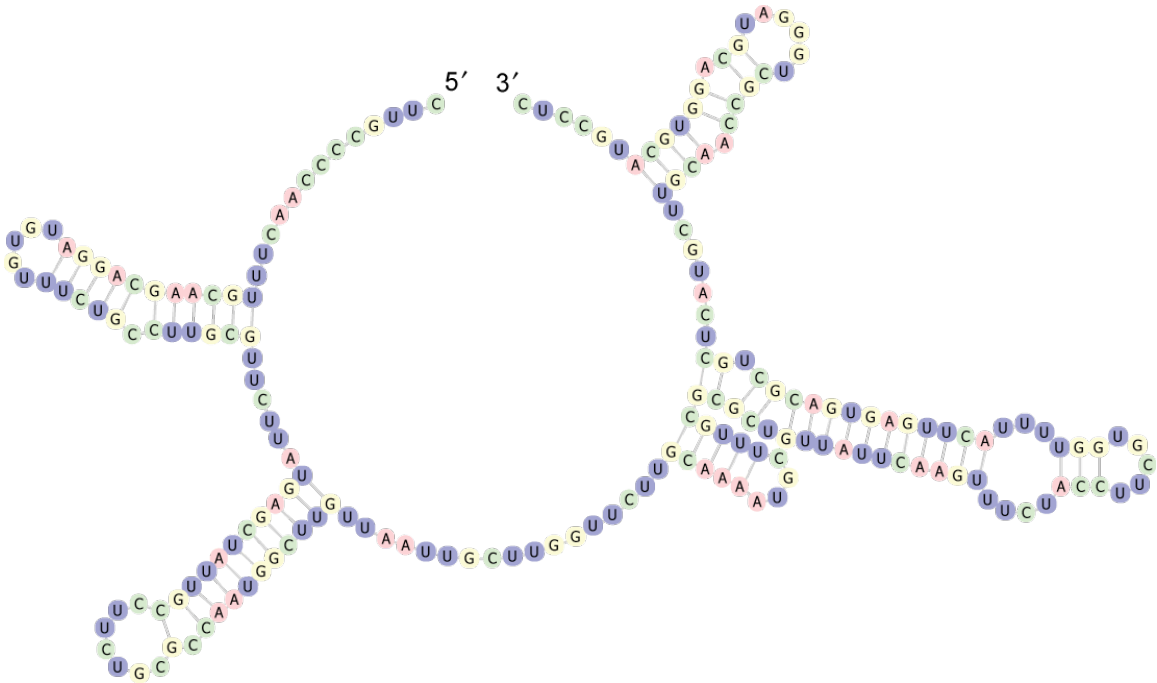
C15.4 ΔG -52.00 kcal/mol



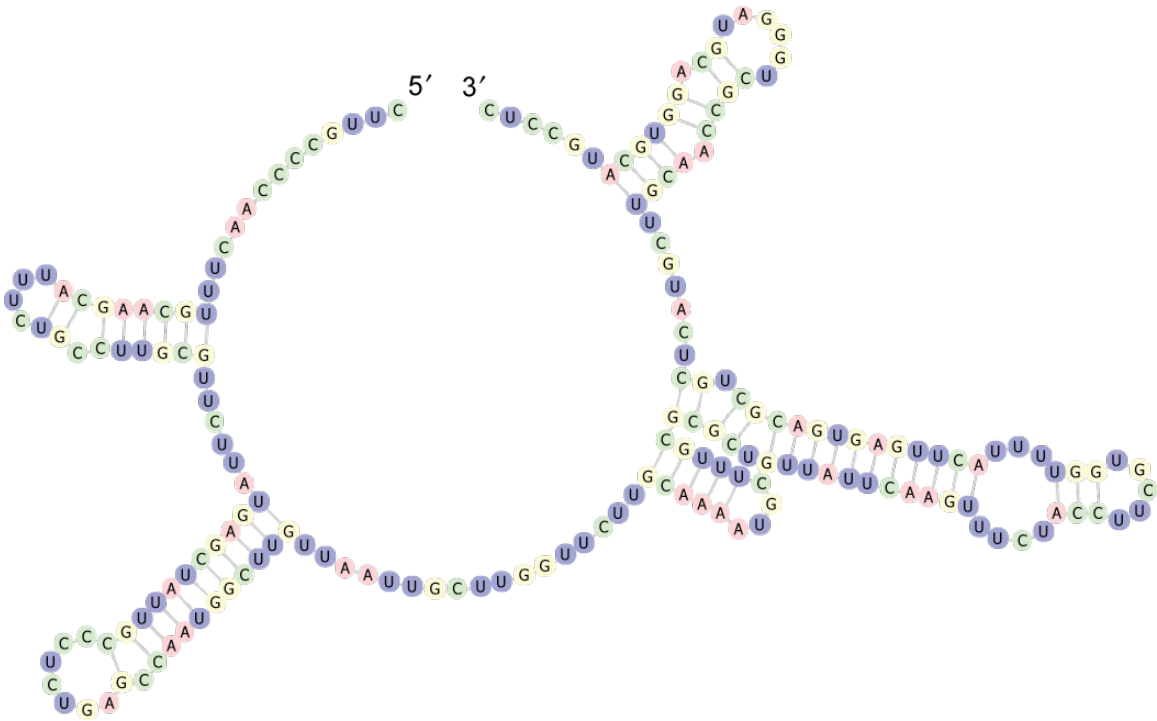
C15.5 ΔG -52.00 kcal/mol



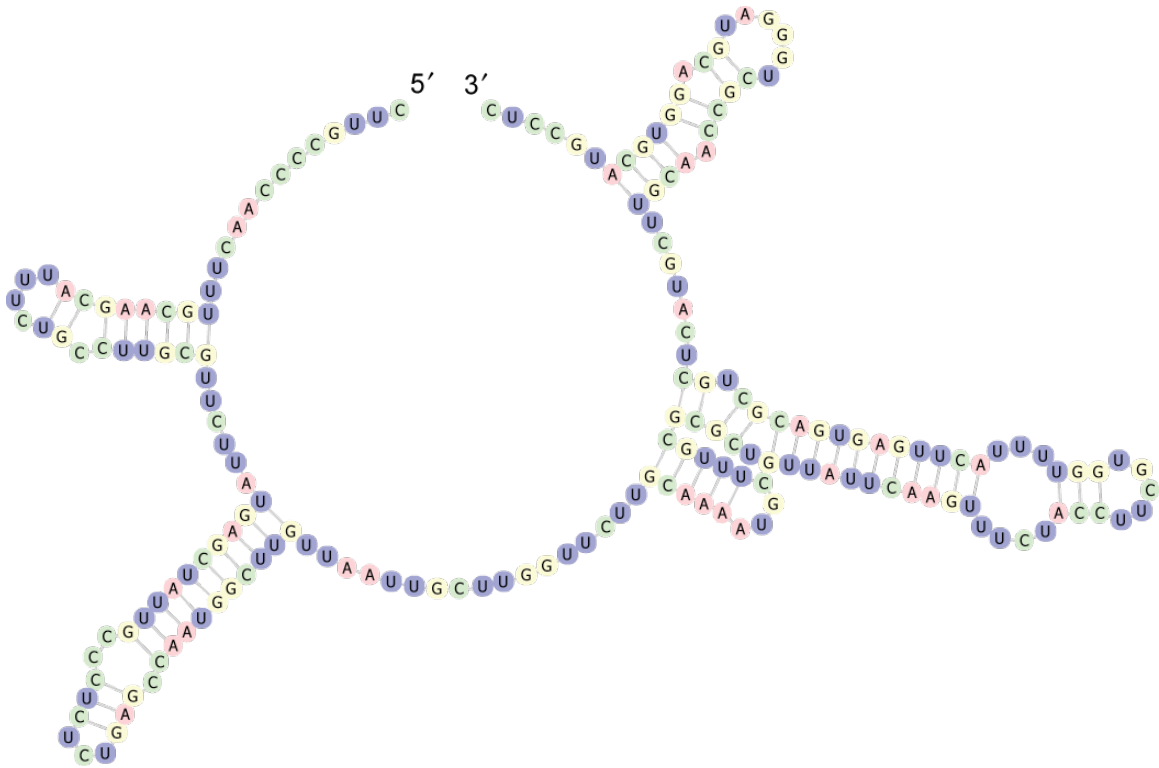
C15a ΔG -52.00 kcal/mol



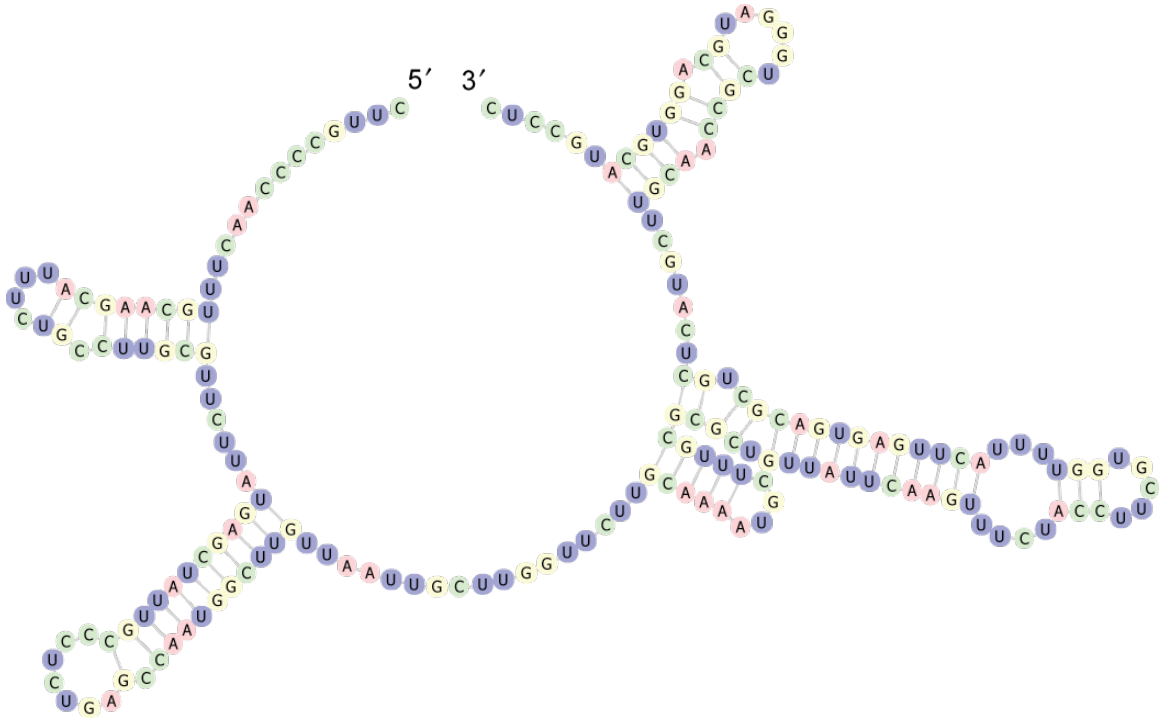
C17 ΔG -46.40 kcal/mol



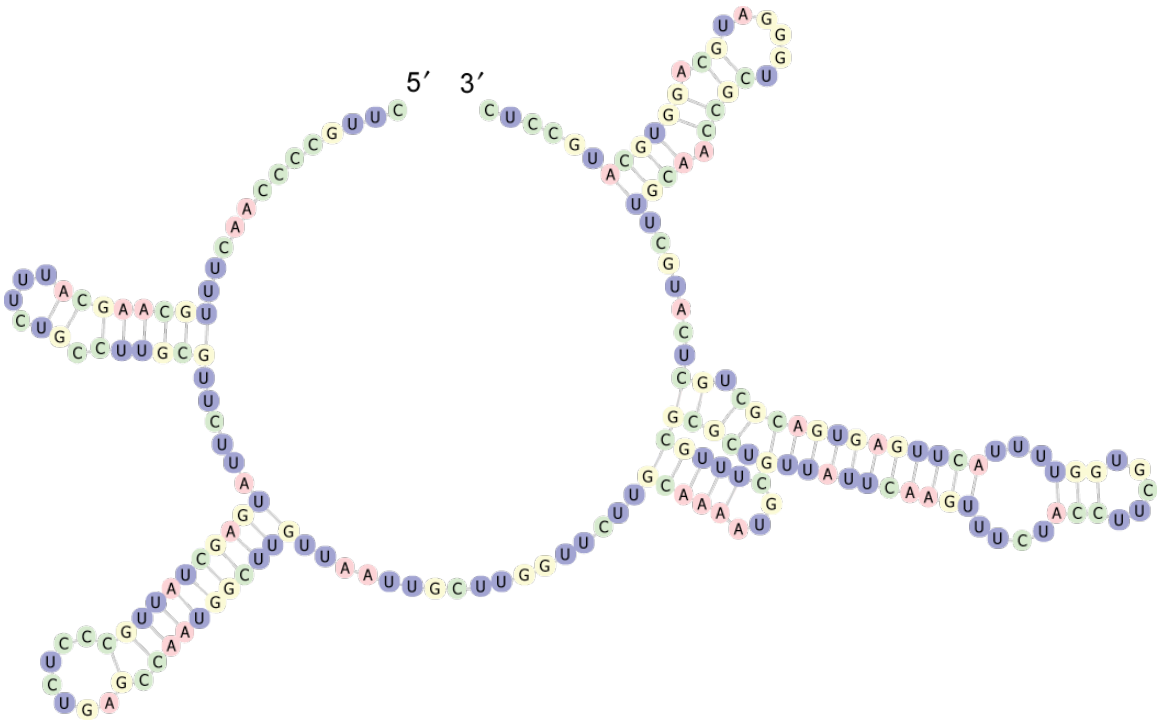
C17.2 ΔG -48.00 kcal/mol



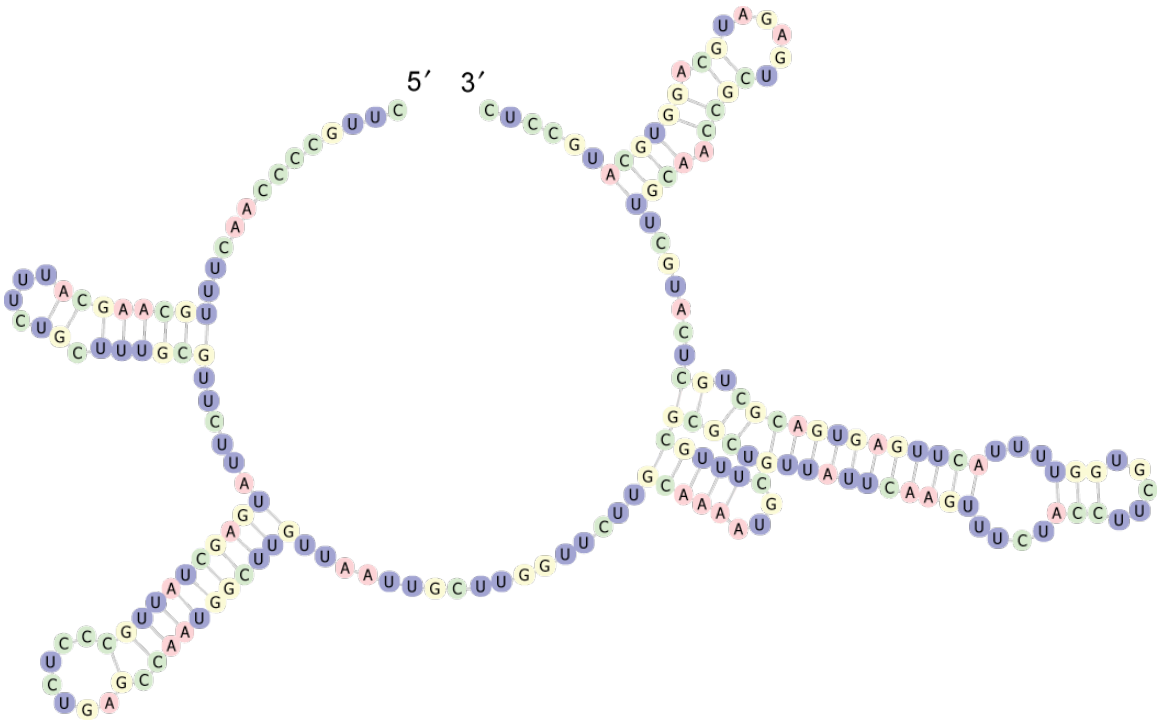
C21 ΔG -46.40 kcal/mol



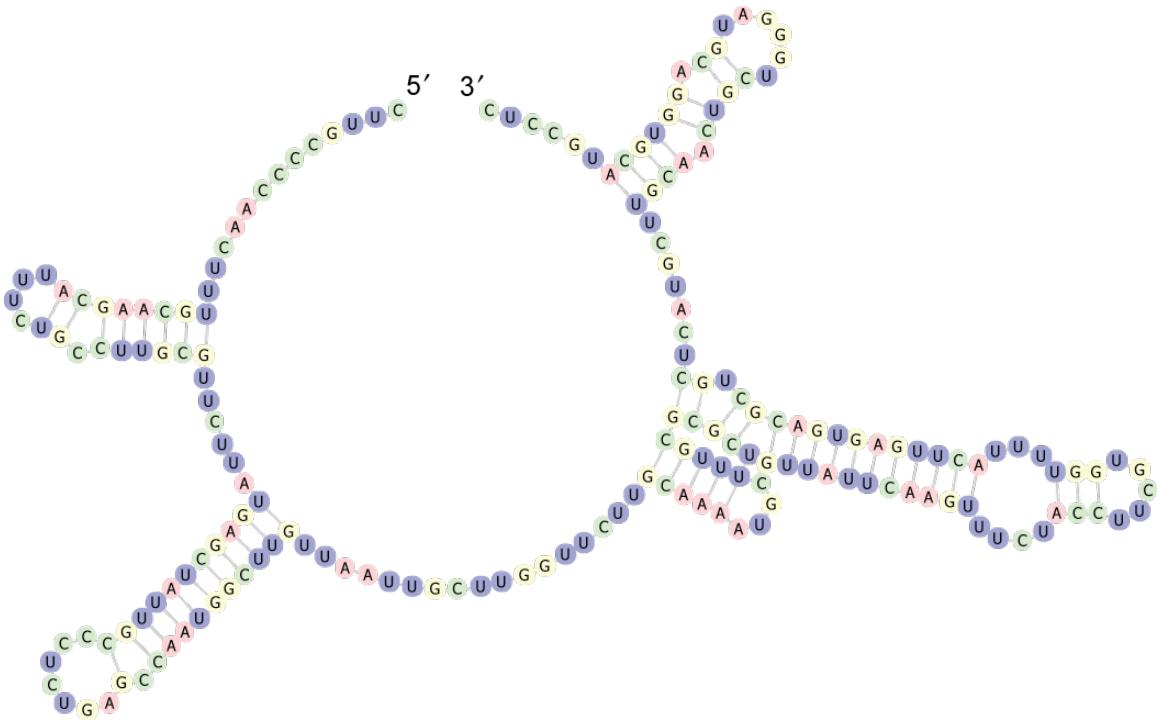
C21.12 Δ*G* -46.40 kcal/mol



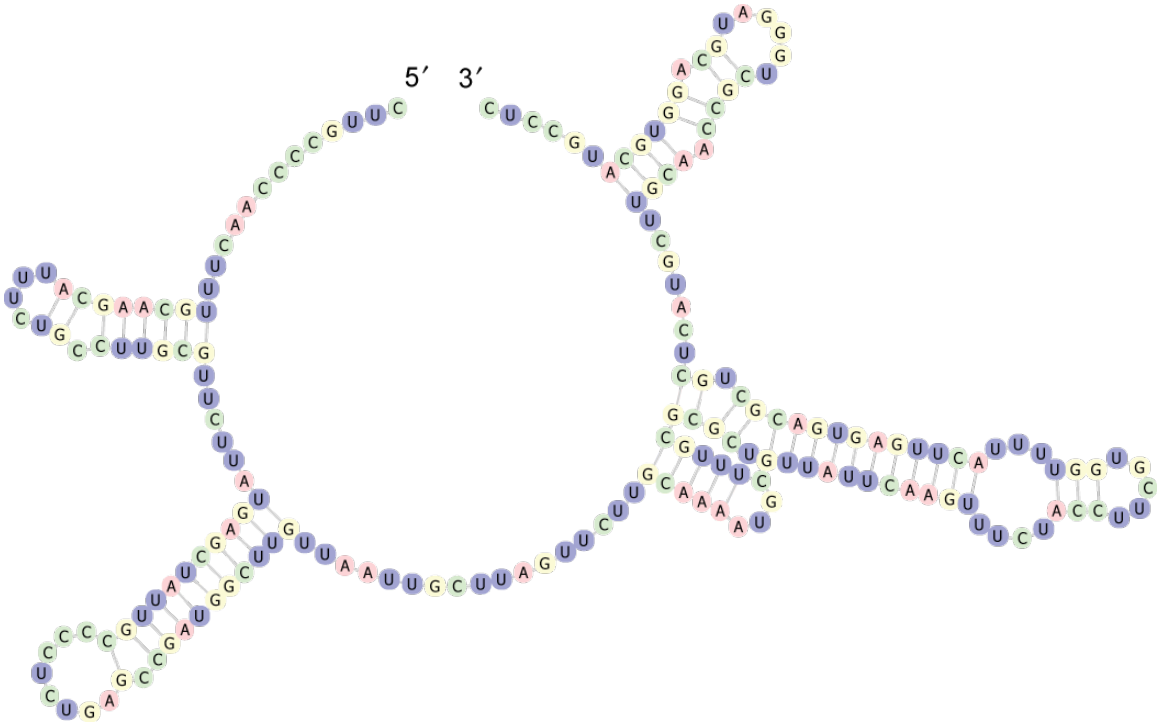
C21.13 Δ*G* -44.00 kcal/mol



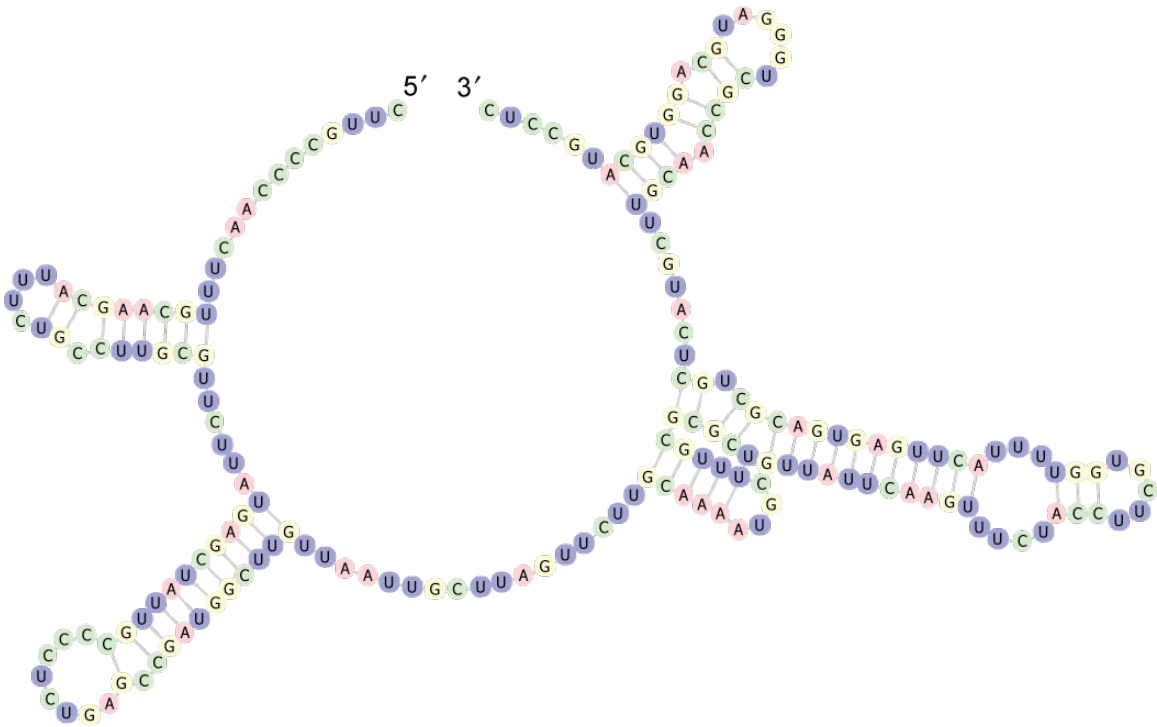
C21.14 Δ*G* -44.20 kcal/mol



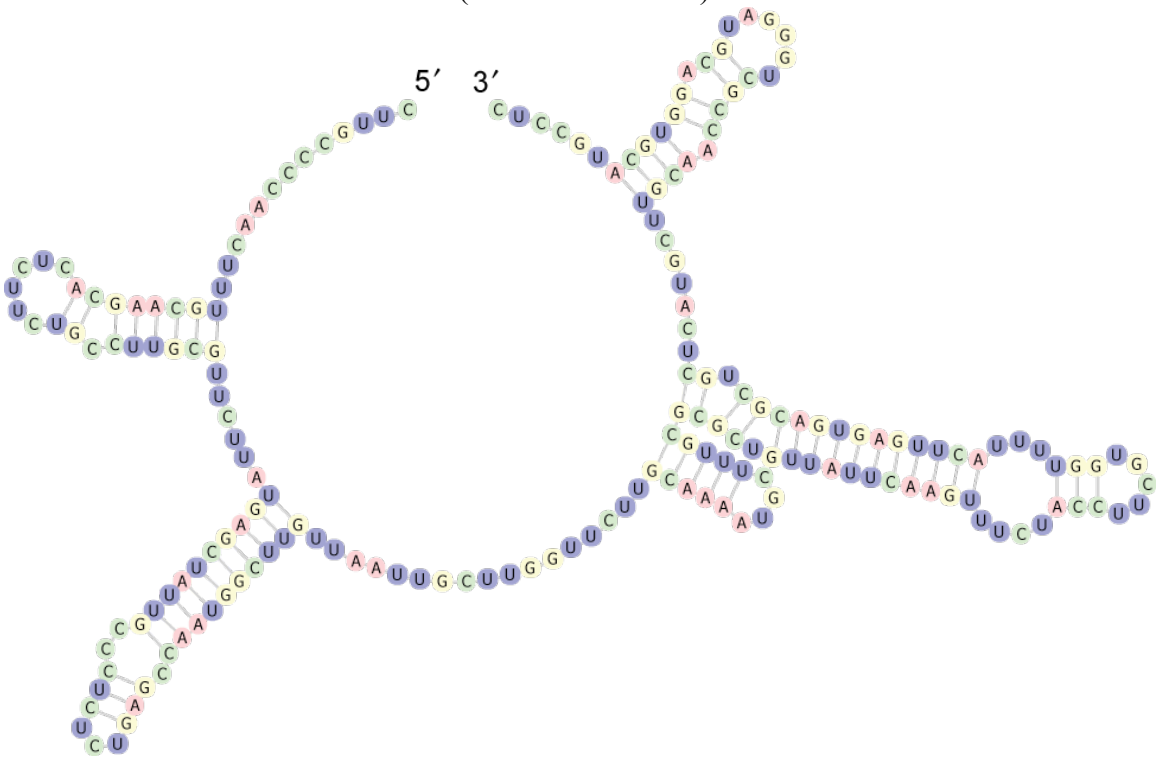
C27 Δ*G* -46.40 kcal/mol



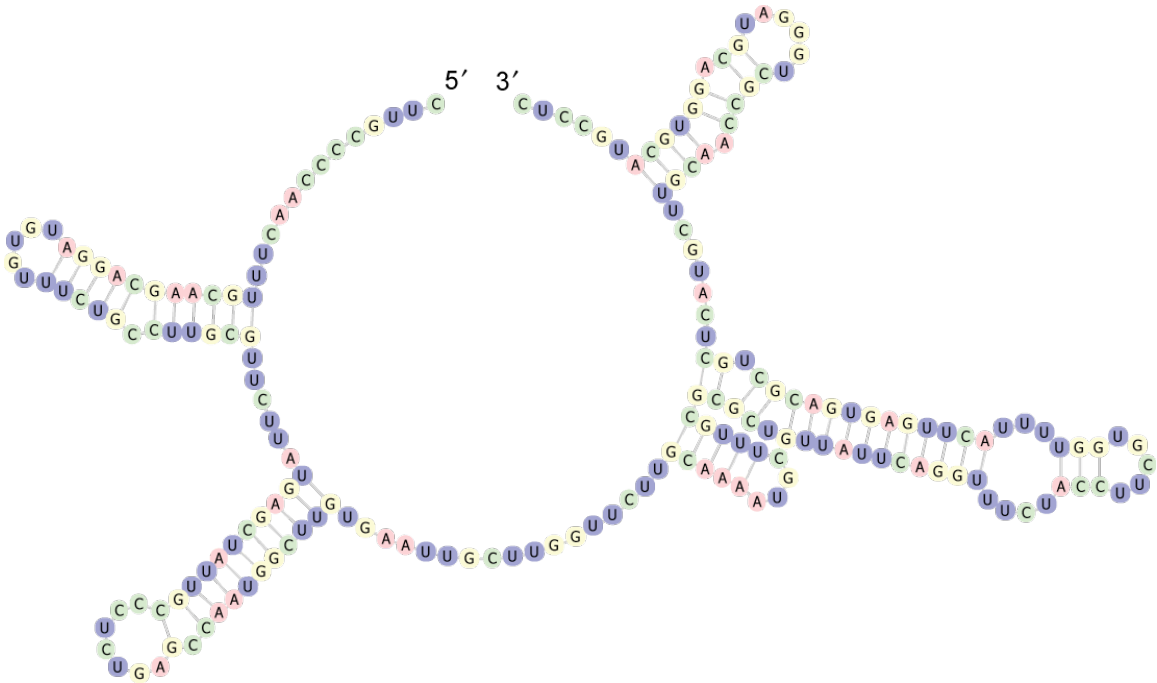
C27.1 Δ*G* -46.40 kcal/mol



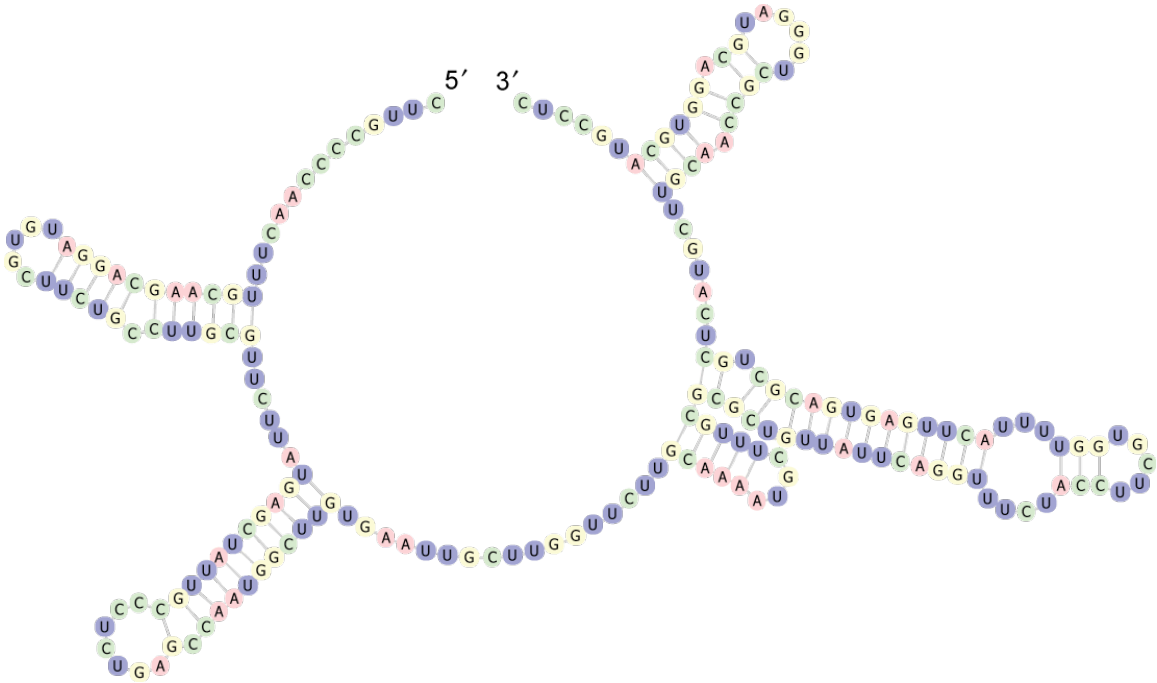
C31 Δ*G* -49.30 kcal/mol (Hunter et al. 2007)



C42 ΔG -51.80 kcal/mol

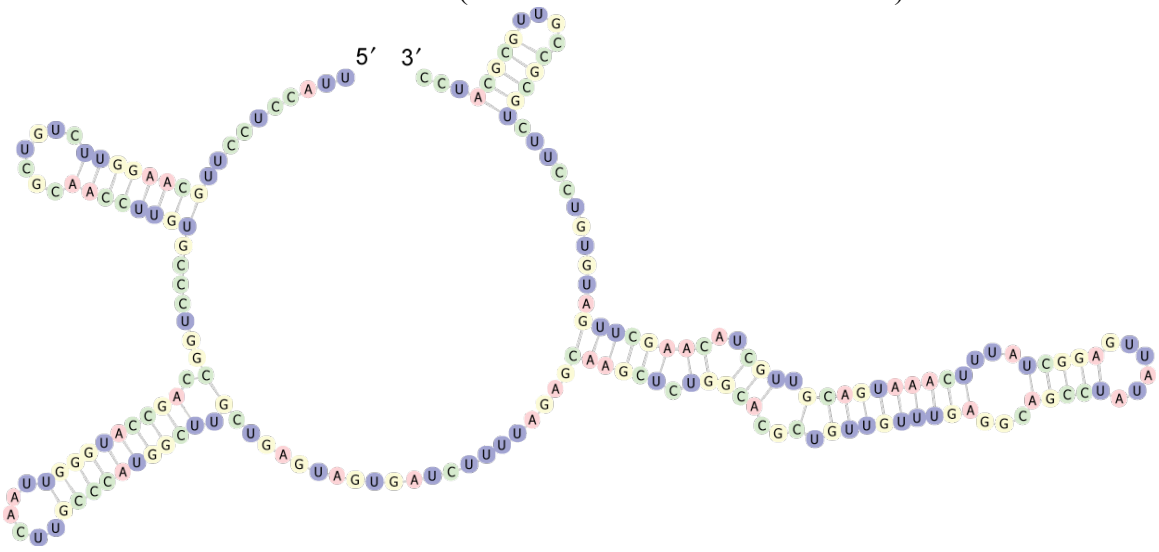


C45.3 ΔG -51.00 kcal/mol



Clade D

D1 ΔG -54.60 kcal/mol (In as D1a in Thornhill et al. 2007)



D1a ΔG -50.30 kcal/mol