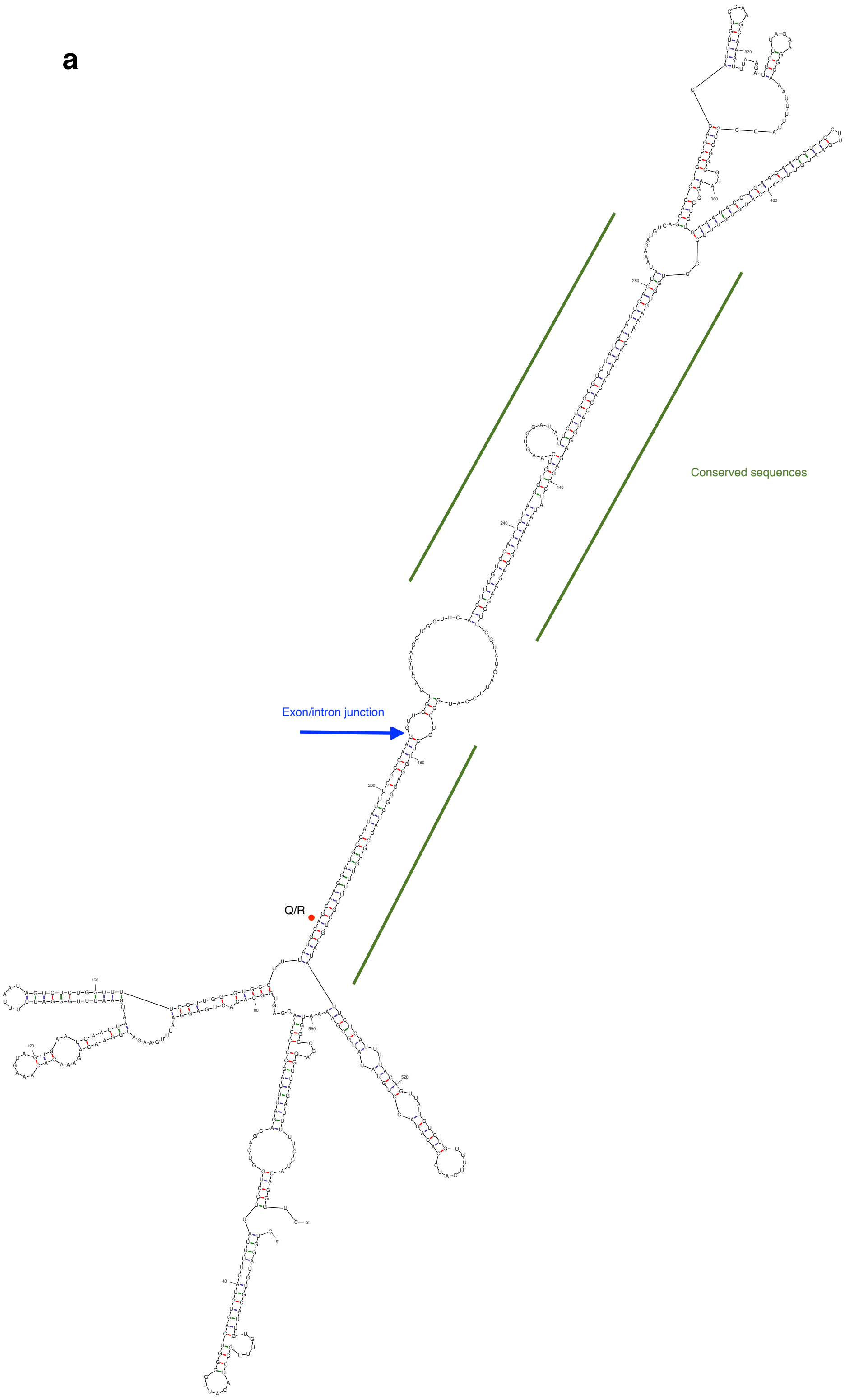
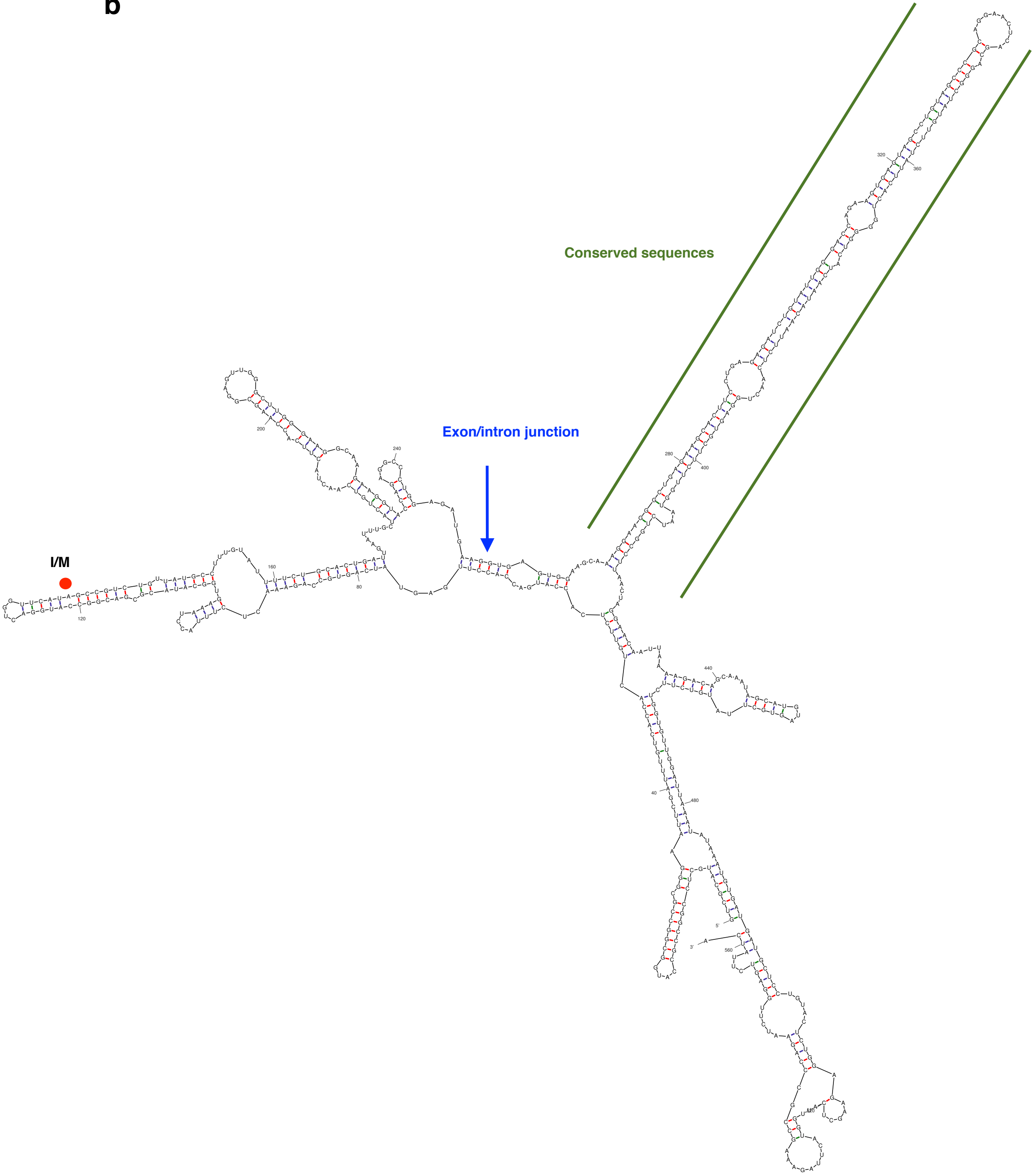


Figure S5. Secondary structure predictions of the pre-mRNA sequence in the vicinity of the selectively edited sites listed in Table 1. **(a)** GluA2 at the Q/R site. **(b)** Gabra3 at the I/M site. **(c)** GluA3 at the R/G site. **(d)** FLNB at the Q/R site. **(e)** Htrc2 at the I/V site. **(f)** GluK2 at the Q/R site. **(g)** ADAR2 at the +24 site. **(h)** Cyfip2 at the K/E site. **(i)** GluA2 at the R/G site. **(j)** GluK1 at the Q/R site. **(k)** IGFBP7 at the K/E site. **(l)** FLNA at the Q/R site. **(m)** Nova1 at the S/G site. **(n)** KCNA1 at the I/V site. **(o)** PLCH2 at the R/G site. **(p)** TMEM63B at the Q/R site. **(q)** CCNI at the R/G site. **(r)** Azin1 at the S/G site. **(s)** Copa at the I/V site. **(t)** GPATCH8 at the K/R site **(u)** NCSTN at the S/G site. **(v)** OSGEP at the I/M site. **(x)** BLCAP at the Y/C site.

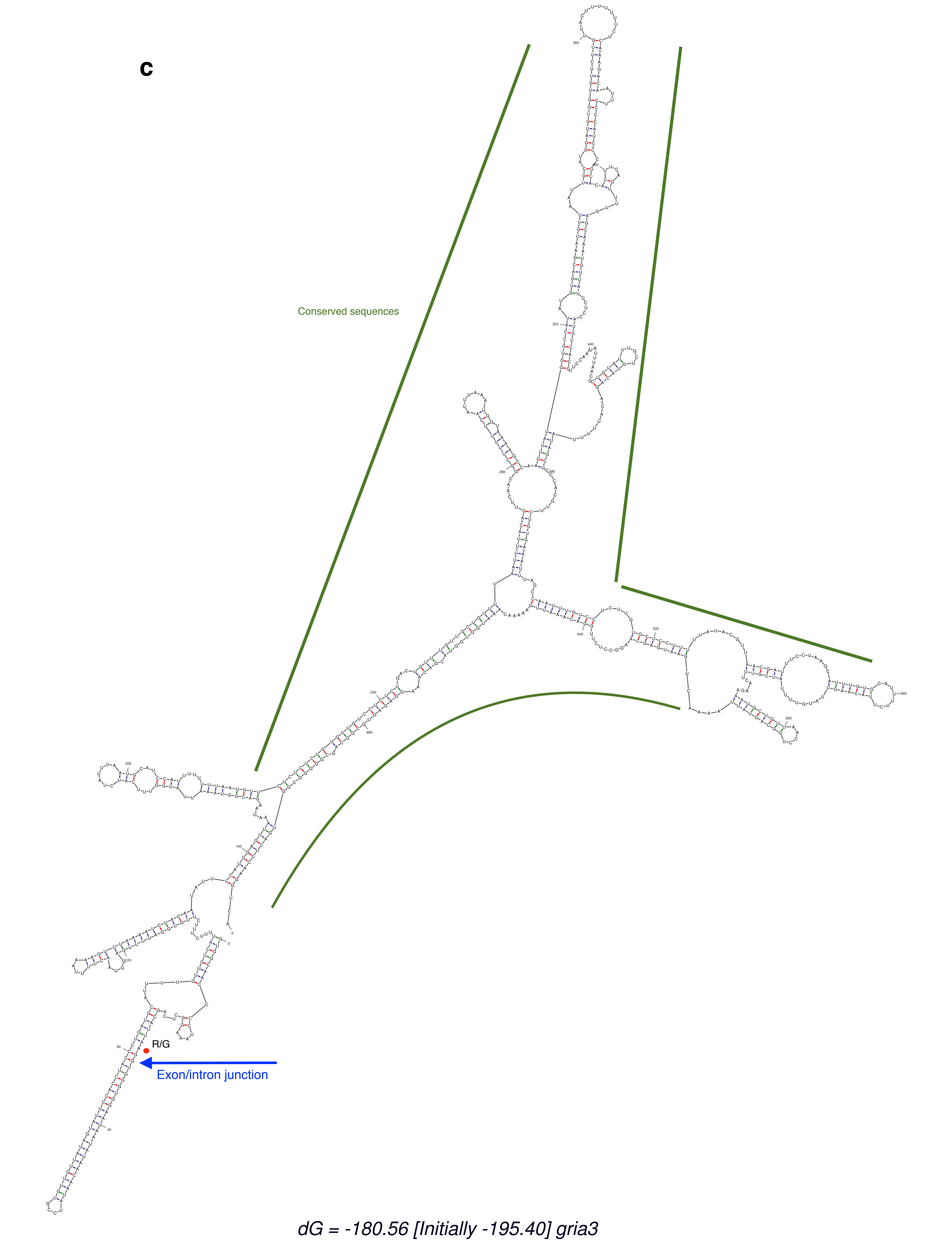


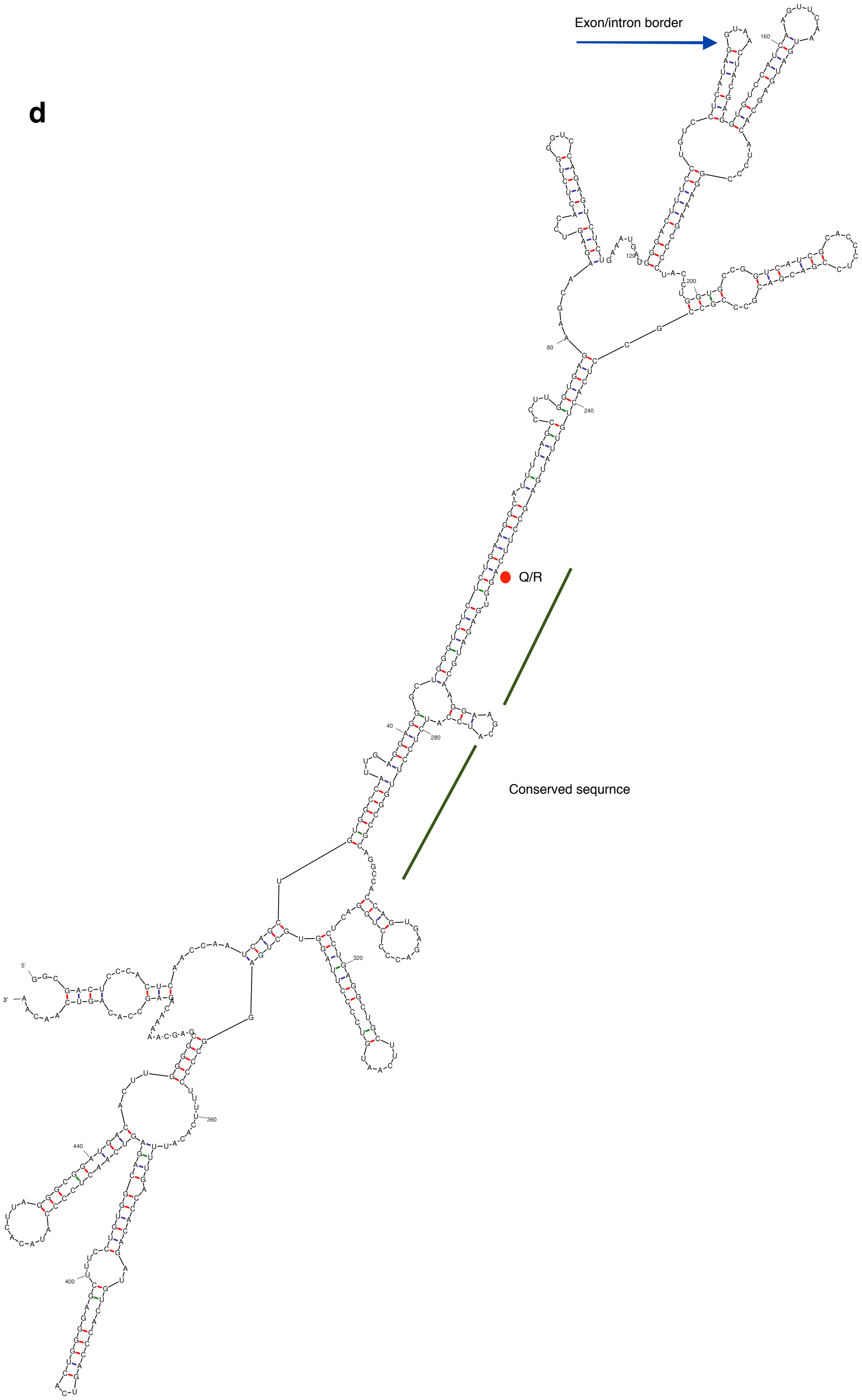
dG = -186.38 [Initially -197.20] Gria Q/R

b



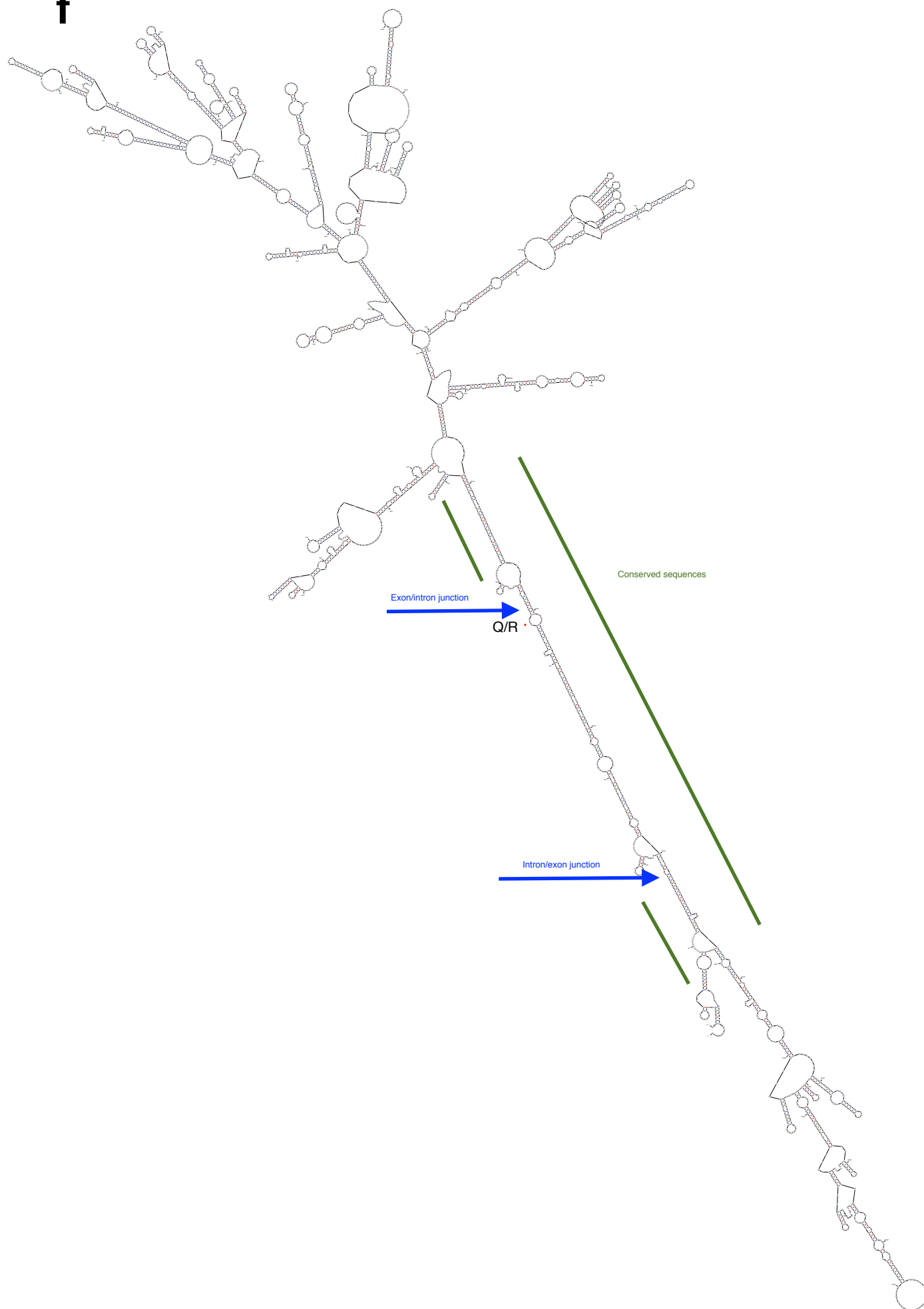
$dG = -201.60$ [Initially -212.40] *Gabra3*







f



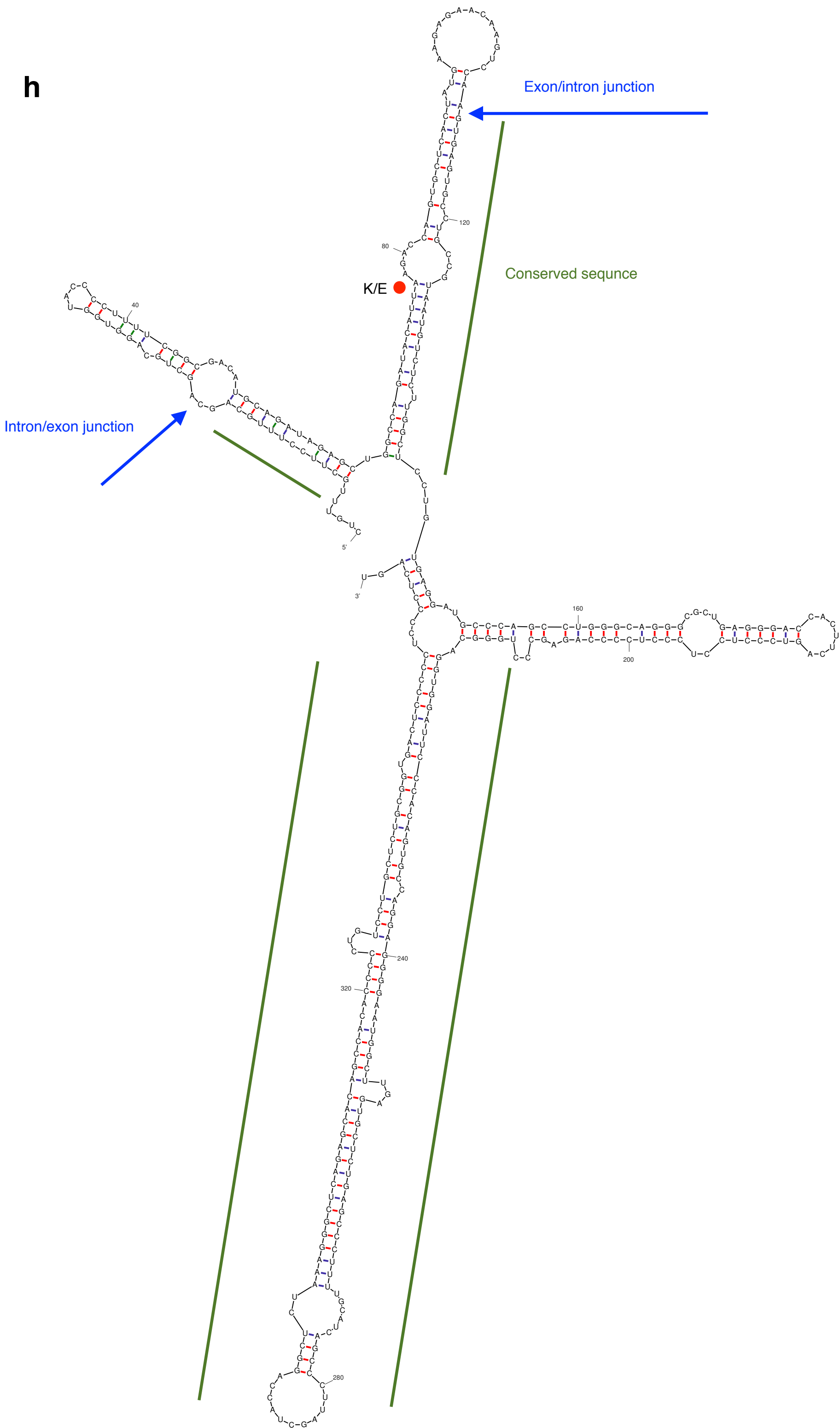
$dG = -555.71$ [Initially -630.00] Grik2 full length

g



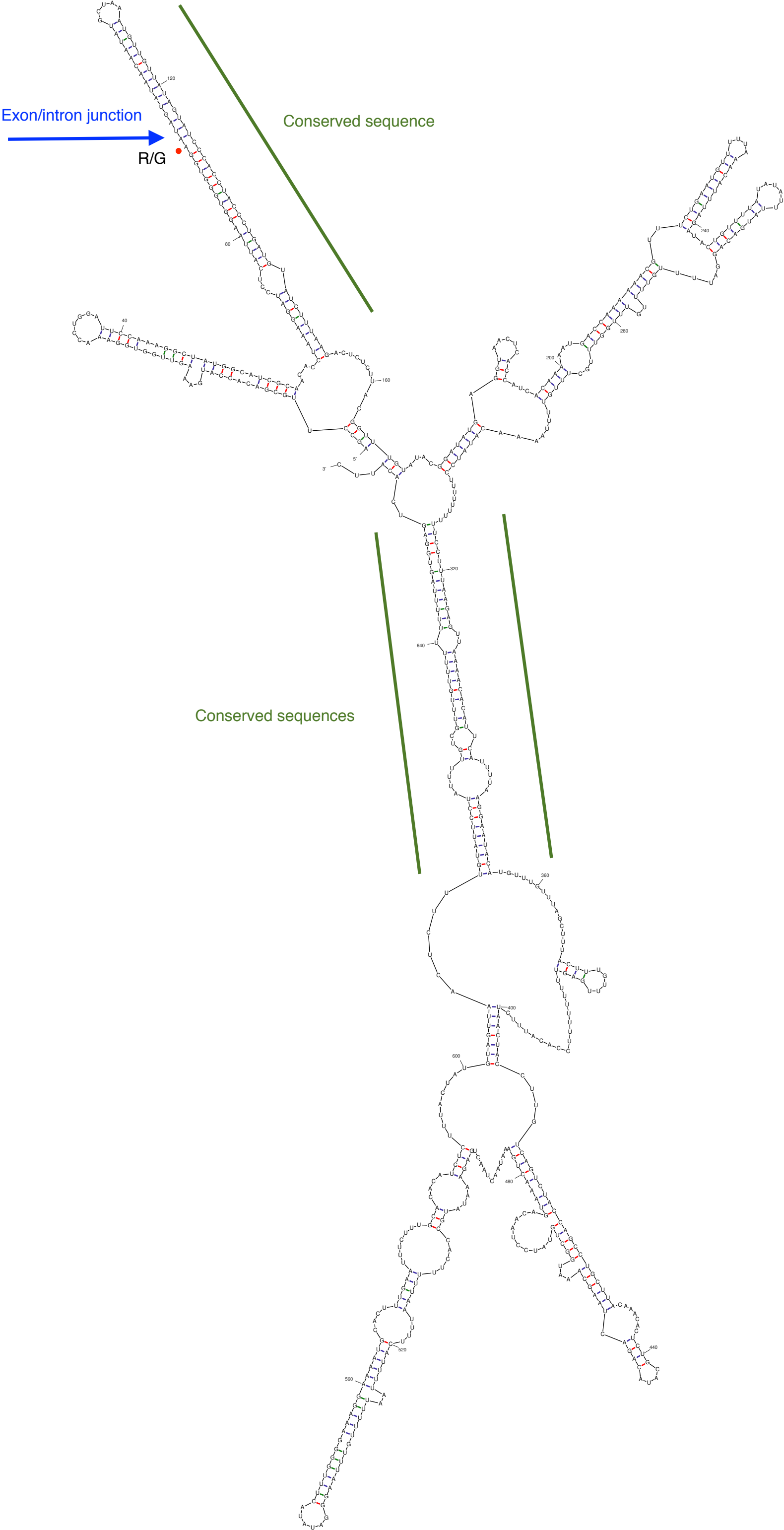
dG = -99.96 [Initially -106.70] ADARB1

h

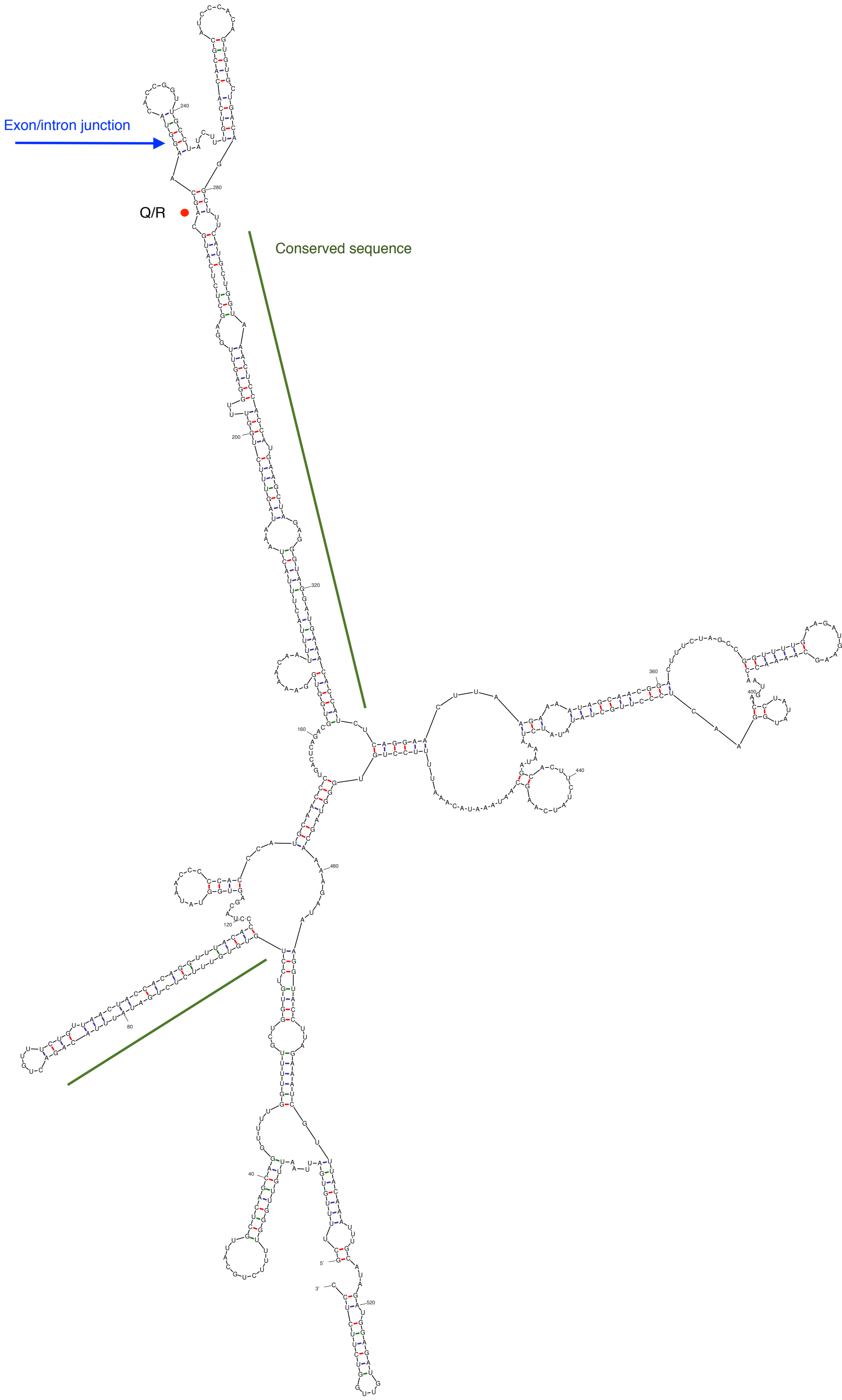


$dG = -161.90$ [Initially -162.30] *Cyfip2*

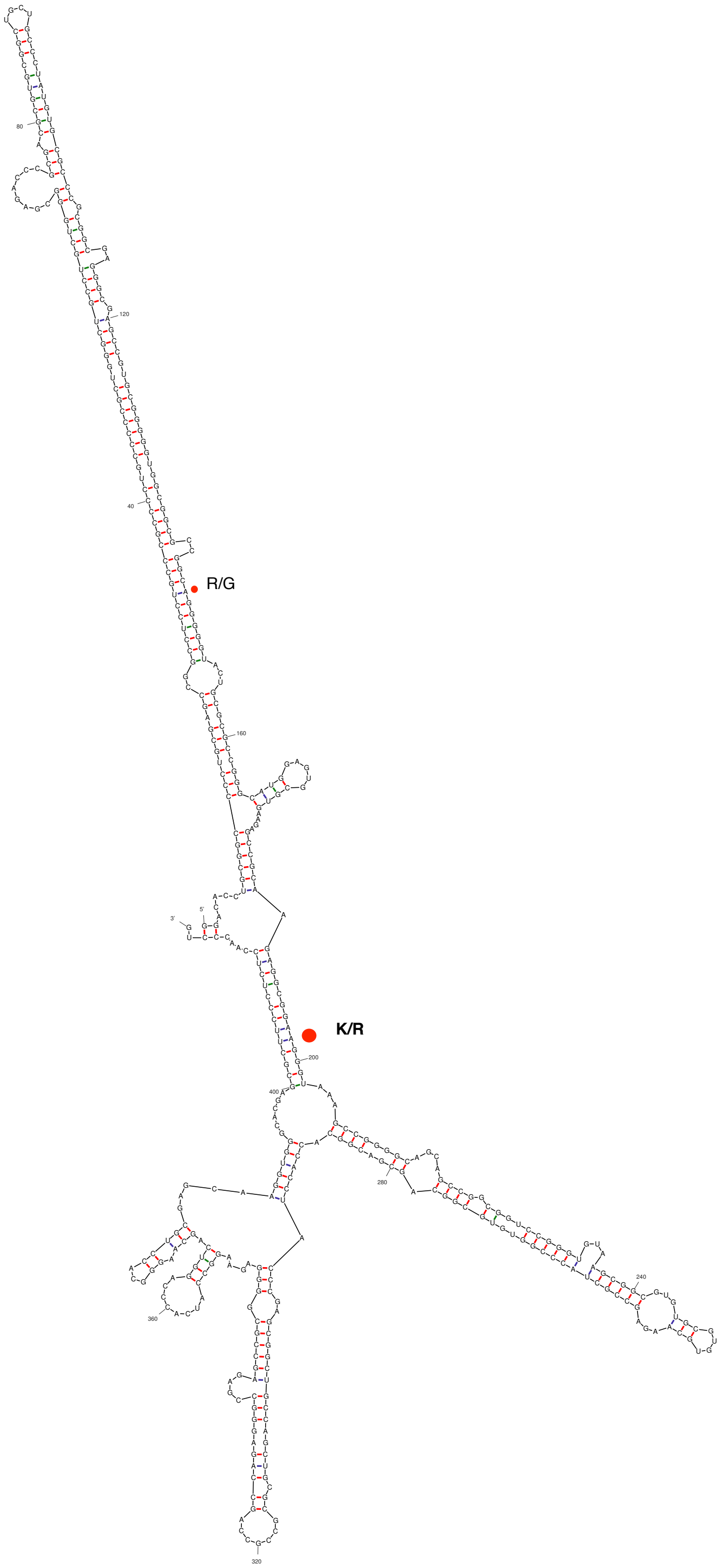
i



$dG = -141.53$ [Initially -162.80] *Gria2 R/G*

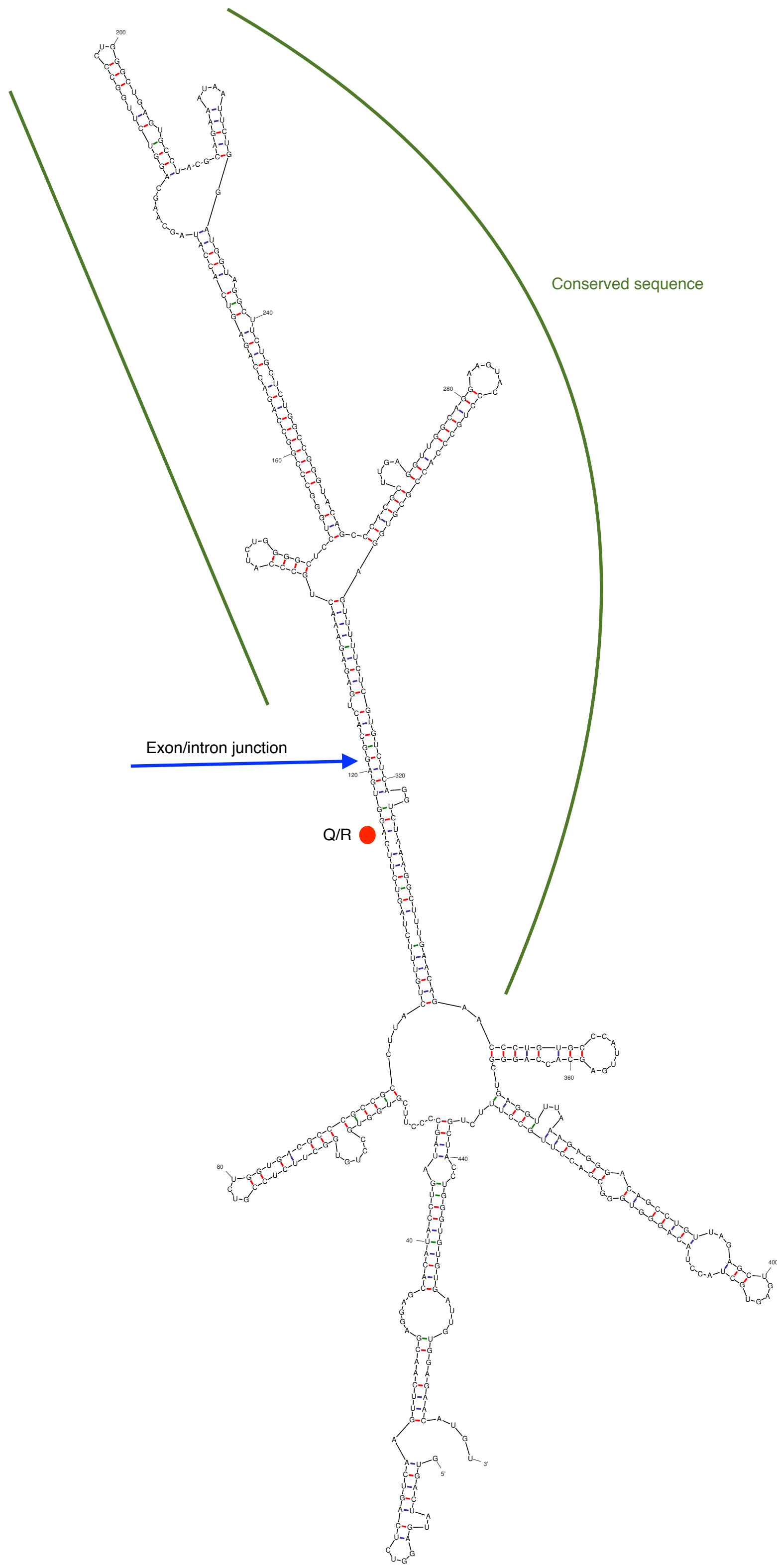


k



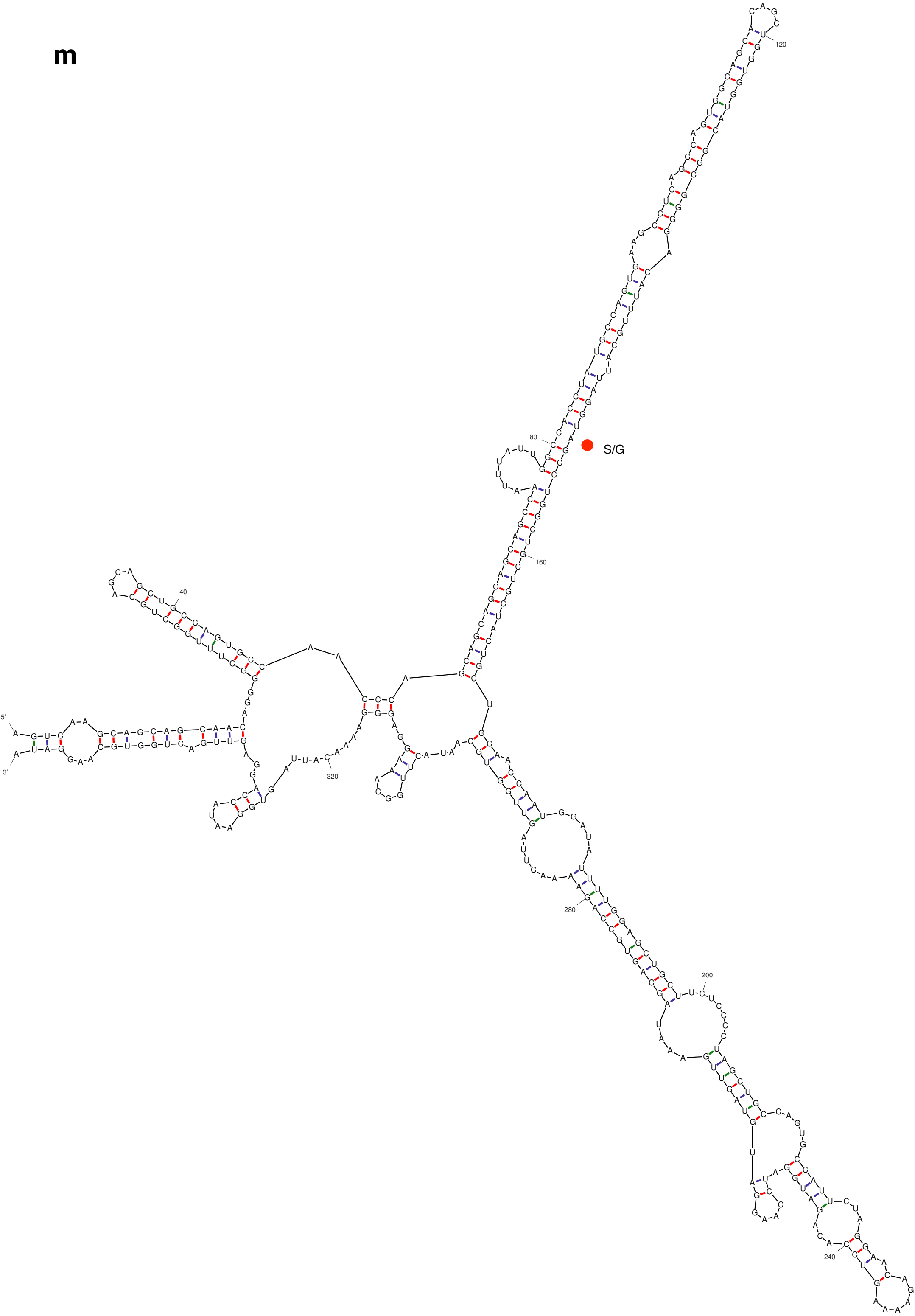
$dG = -210.71$ [Initially -218.40] IGFBP7

I



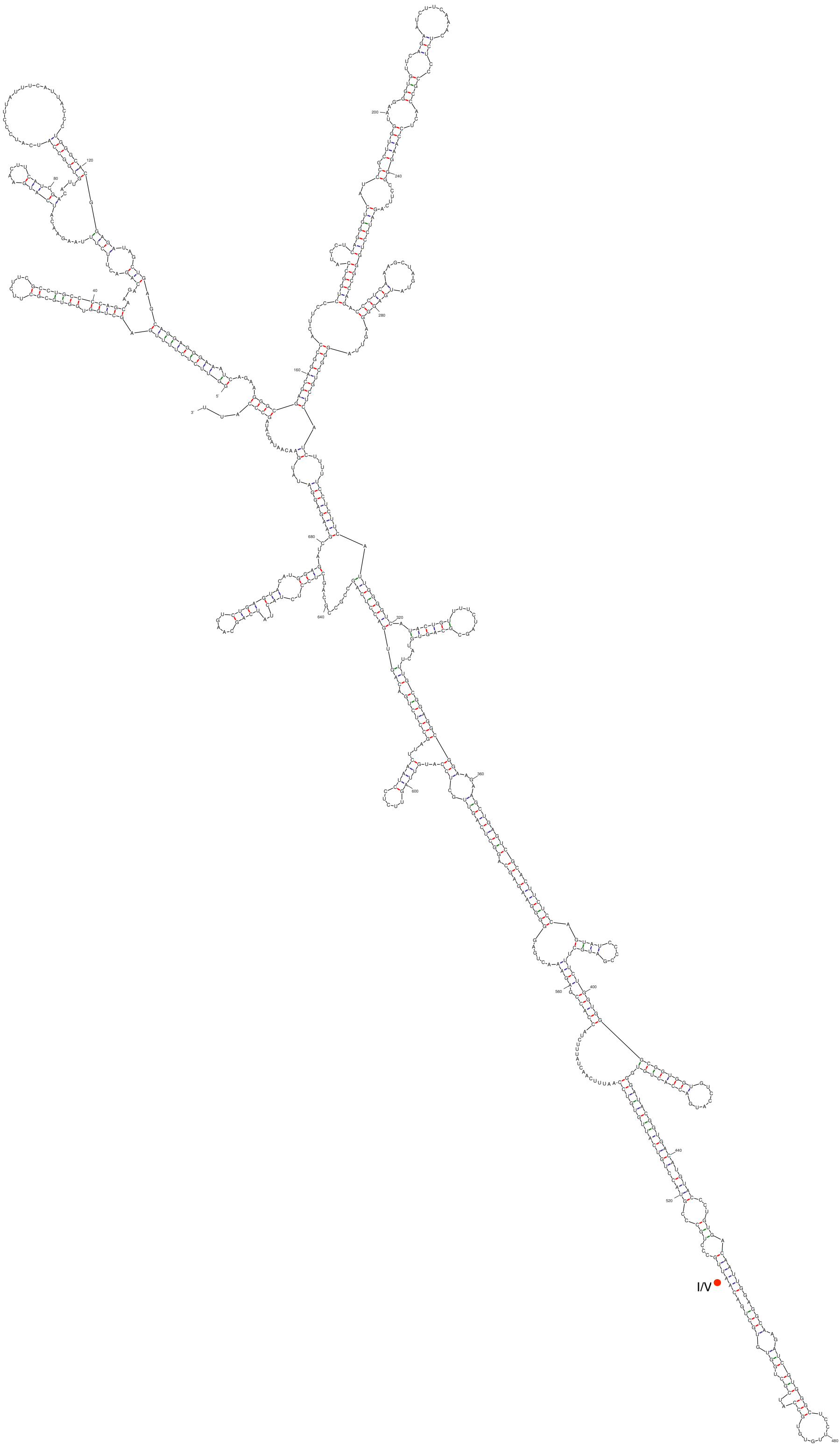
$dG = -202.88$ [Initially -206.80] FLNA

m

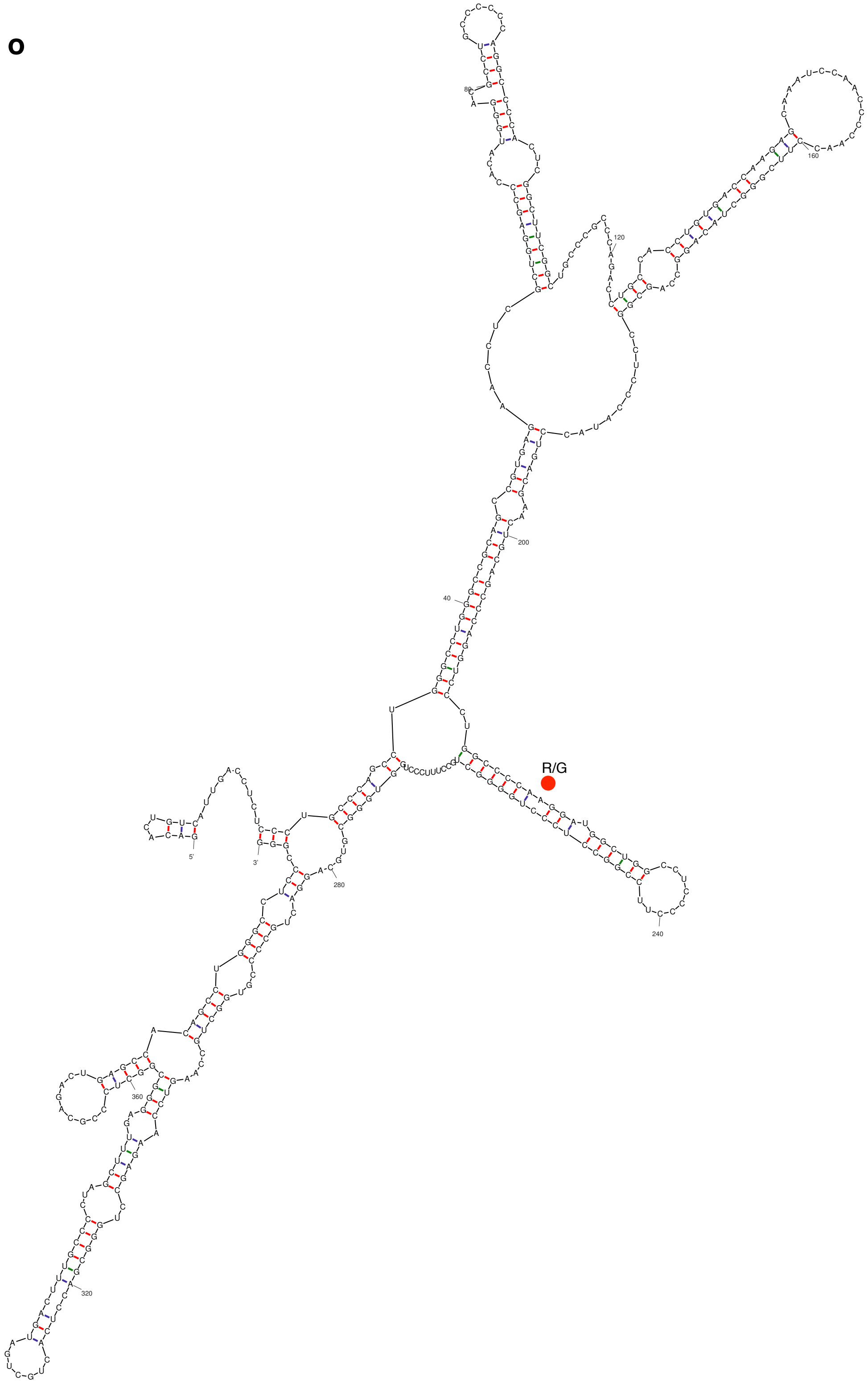


$dG = -128.40$ [Initially -136.00] nova1

n



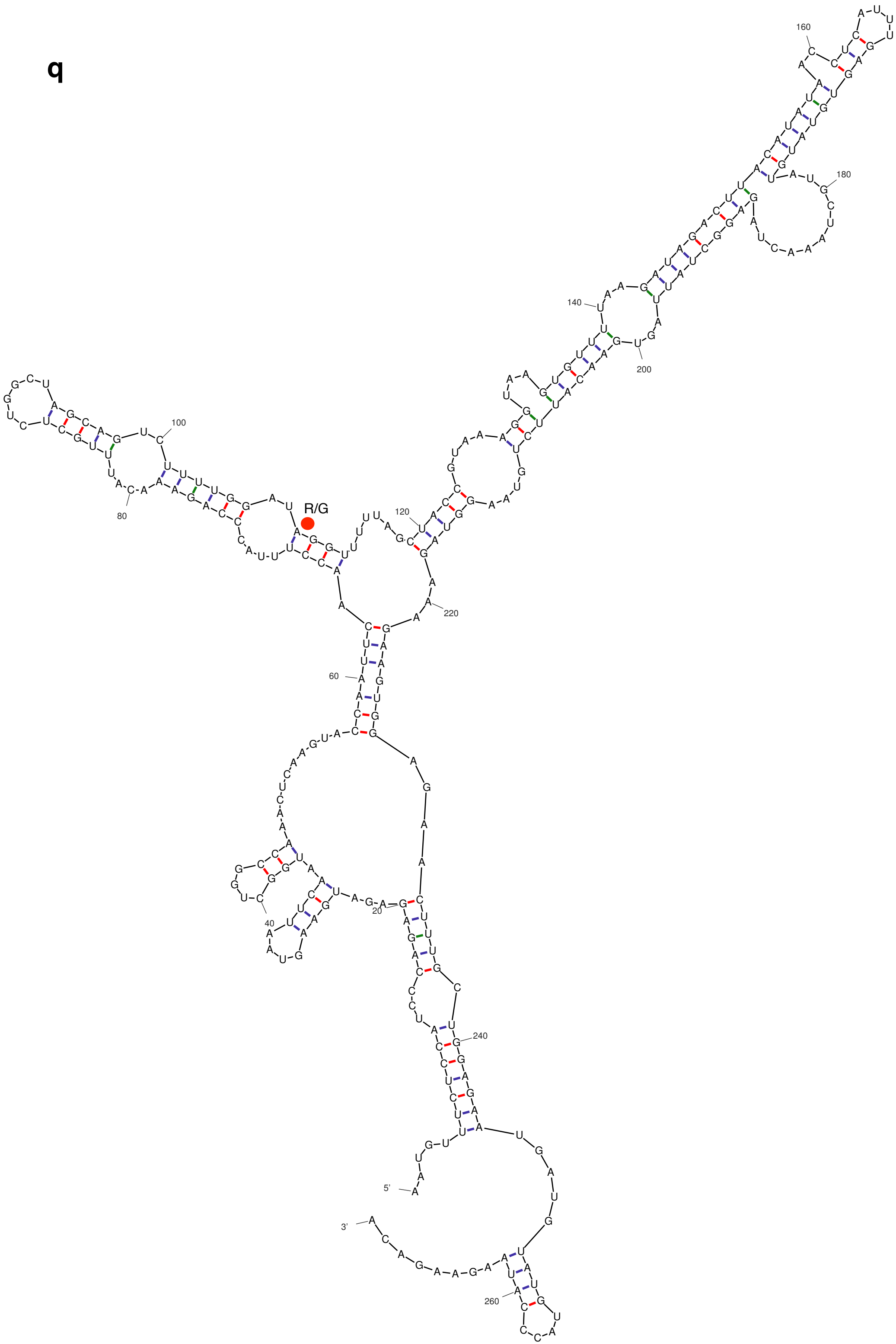
$dG = -232.08$ [Initially -257.10] *kcna1*



dG = -151.85 [Initially -165.10] PLCH2

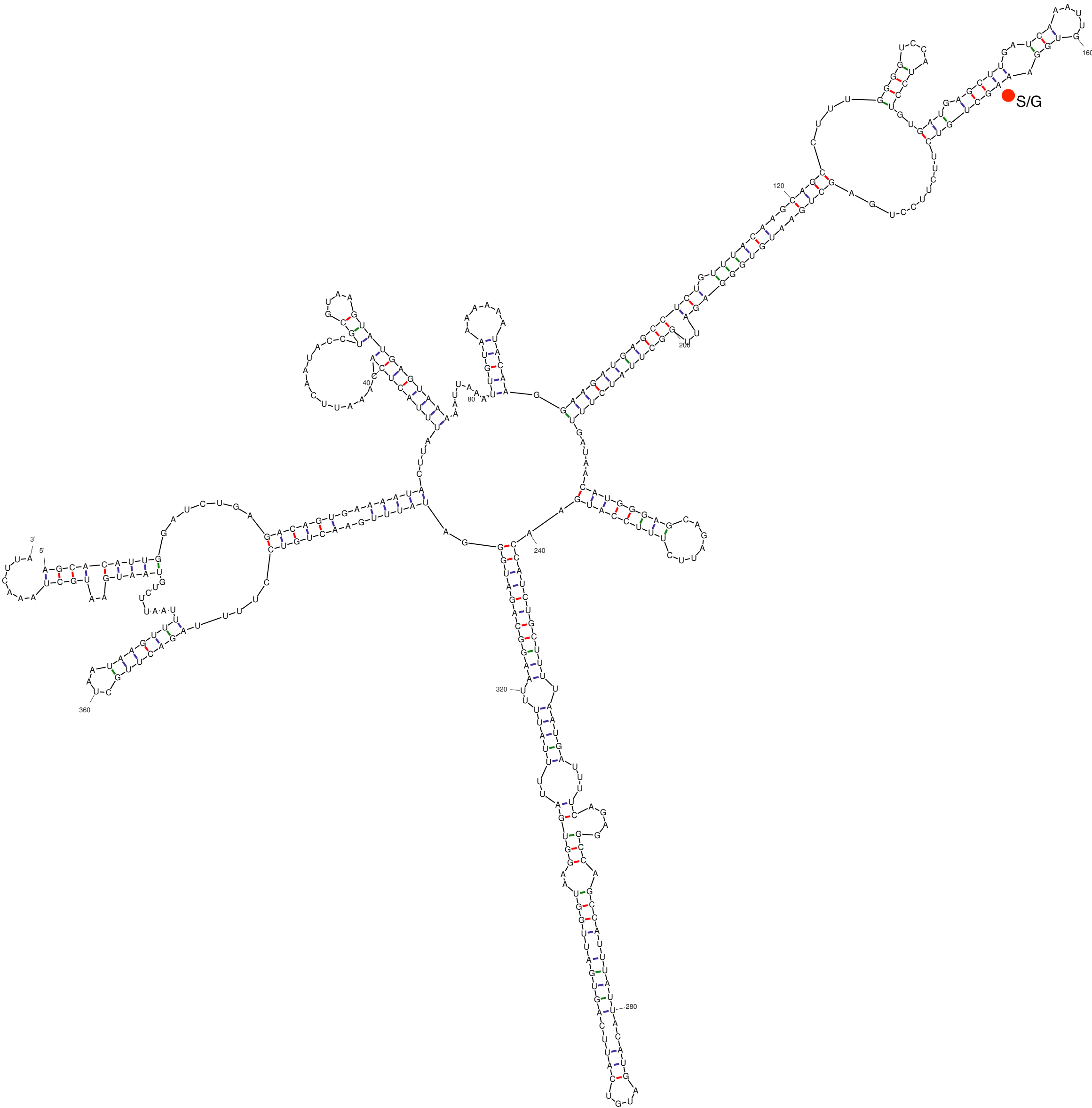
$dG = -124.04$ [Initially -127.60] TMEM63B

q



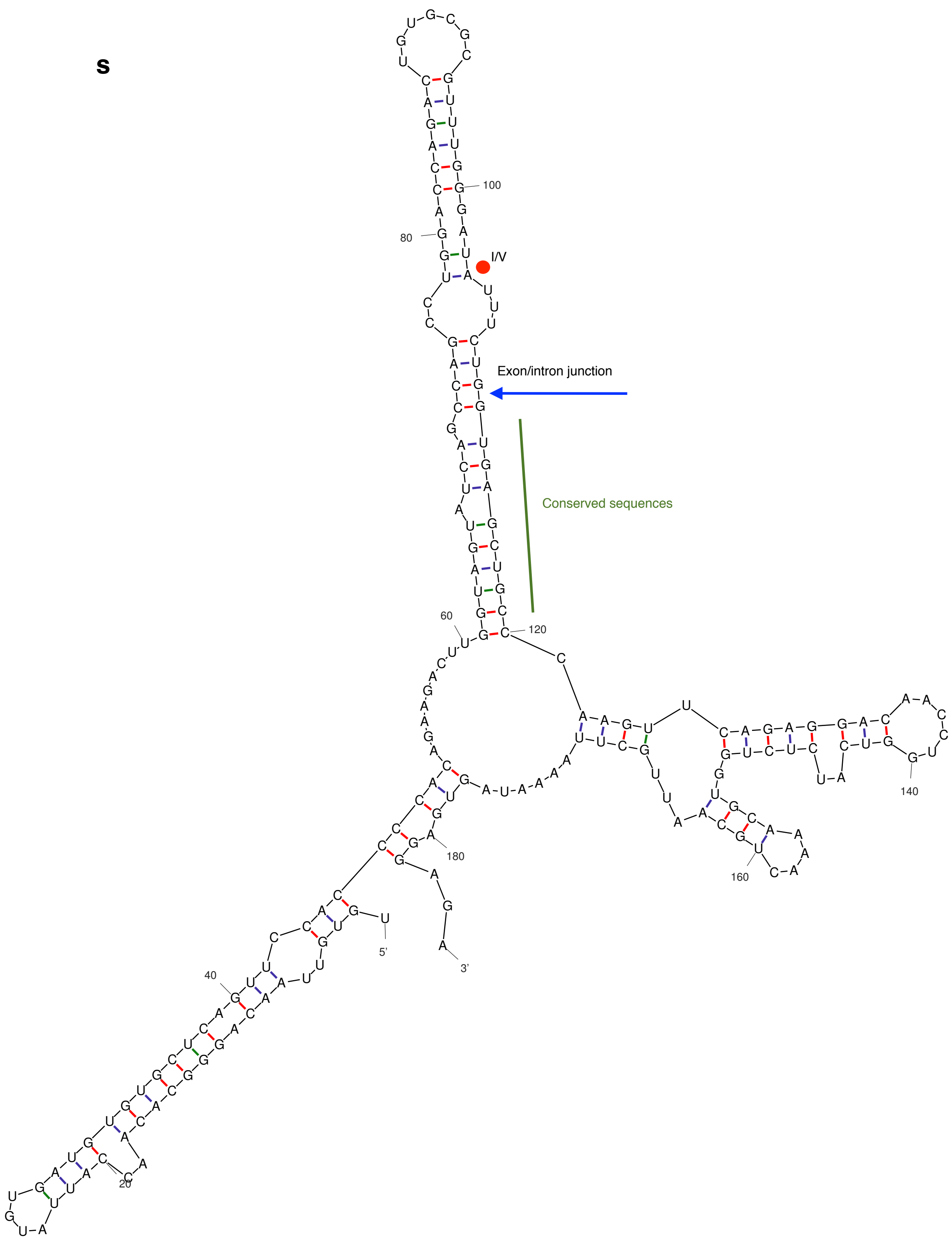
$dG = -52.63$ [Initially -59.40] CCNI

r



$dG = -94.92$ [Initially -104.30] Azin1

S



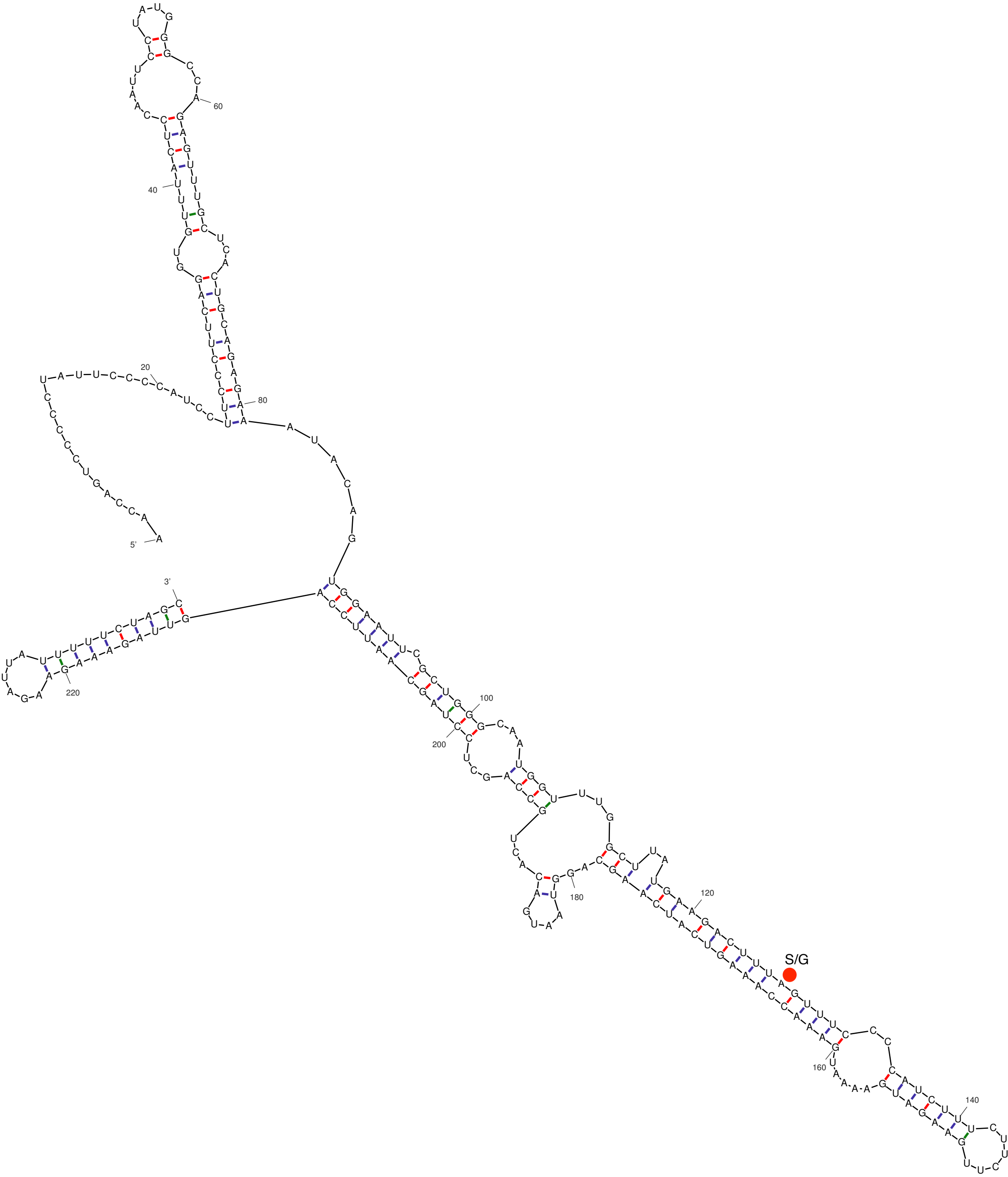
$dG = -50.72$ [Initially -53.30] *copa*

t

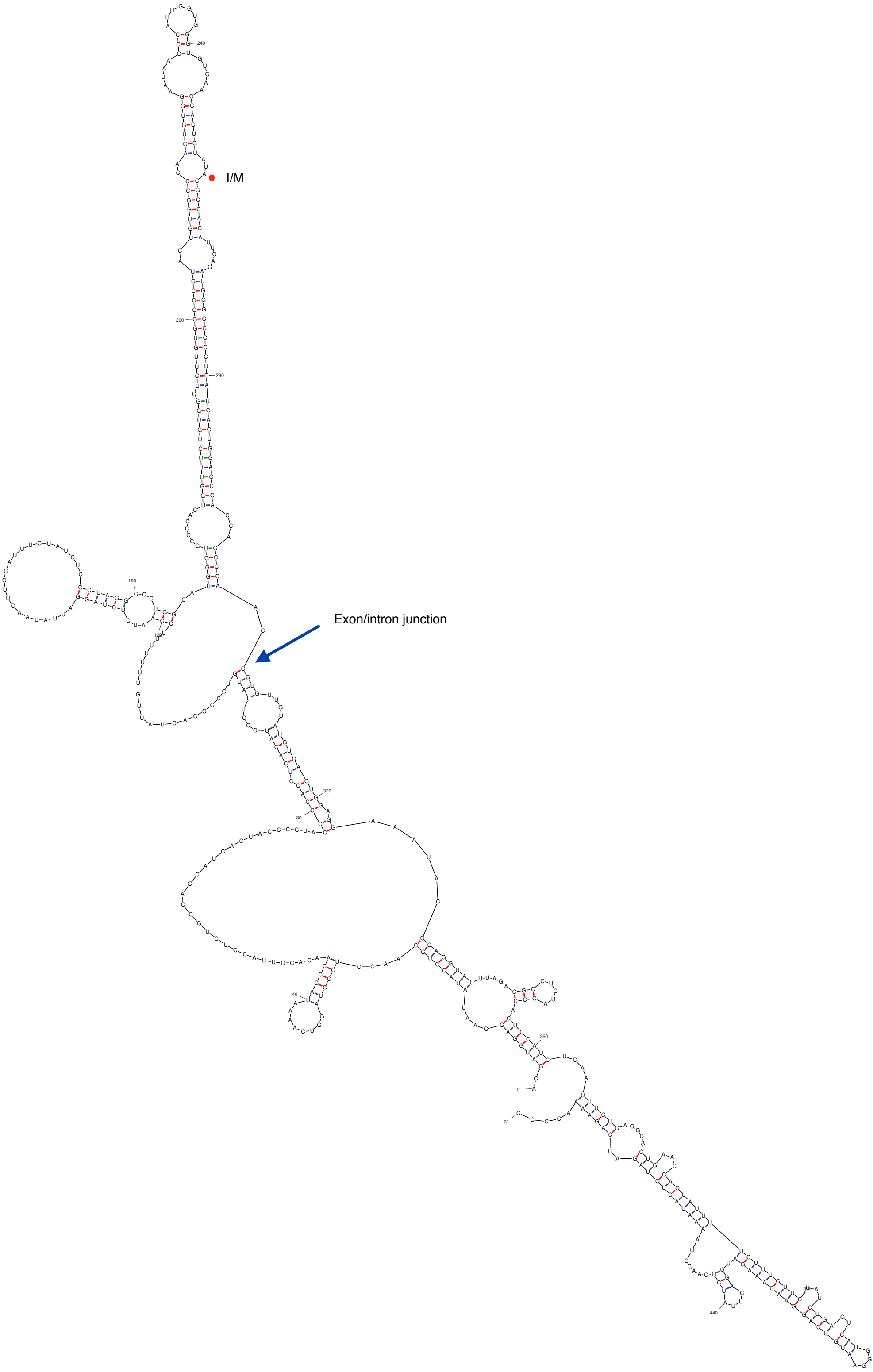


$dG = -125.96$ [Initially -142.20] *GPATCH8*

u

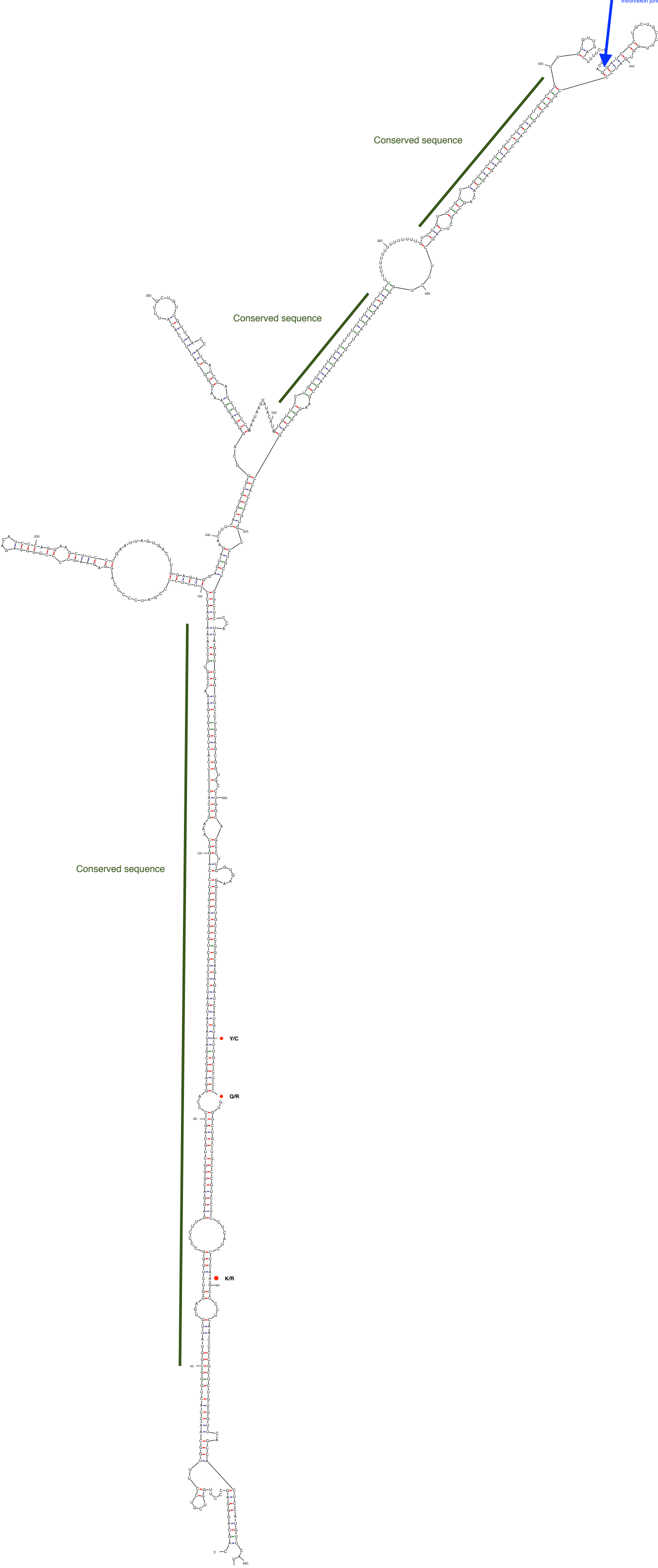


V



$dG = -130.76$ [Initially -144.60] OSGEP

X



$dG = -297.87$ [Initially -304.50] *Blcap*