

Figure 1. Single particle analysis of cryo-EM micrographs for 40S-VEGF IRES complex. (A) Representative 2D averages of the complex. (B) Local resolution of the density map calculated using ResMap ³³. The density from VEGF IRES is highlighted by red and magenta arrows.

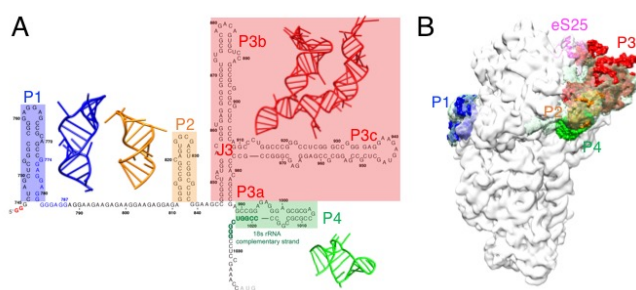


Figure 2. (A) Secondary structure mode of VEGF IRES. 3D models for individual building blocks are displayed in cartoon representation. (B) Initial 3D structure model of VEGF IRES with models docked into density.

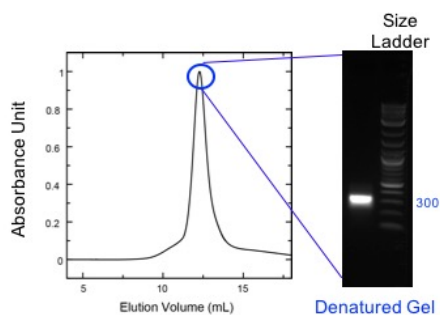


Figure 3. Native purification of VEGF IRES RNA for structural studies. FPLC profiles of VEGF IRES RNA and gel image of purified VEGF IRES mRNA.