

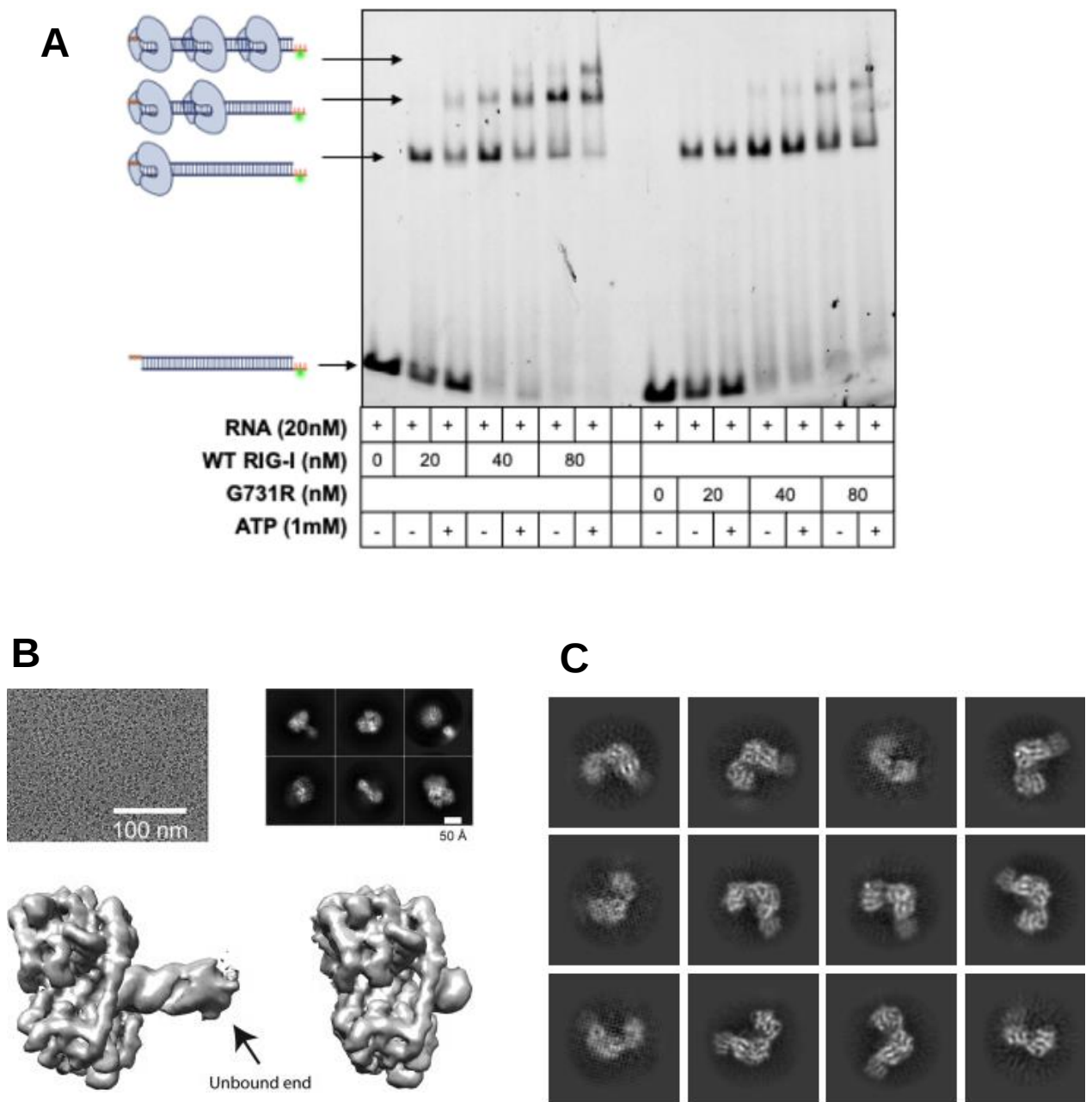


Figure 1. RIG-I wild type and mutant G731R Bind 5'ppp dsRNA

(A) Electrophoretic mobility shift assay of fluorescently labeled 5'ppp ds39 RNA upon addition of WT and G731R RIG-I (representative image from n=3). (B) RIG-I wild type bond to RNA cryoEM structure from collaborators (DOI: [10.1016/j.xpro.2023.102166](https://doi.org/10.1016/j.xpro.2023.102166)) (C) 2D classification from Initial single particle analysis of RIG-1 mutant G731R, open conformation without RNA.