



**Supplementary Figure S3.** Disappearance of the free DNA is not due to contaminating nuclease activity. Alexa Fluor 532 labeled dsDNA66 (1 nM) was incubated at 37 °C with RN (125 ng) and Proteinase K (1 mg/ml), as indicated, in a final volume of 20  $\mu$ l. Complexes formed were separated by 5% non-denaturing PAGE and visualized by fluorescence scanning. For each lane, the amount of free DNA was quantified as shown below.