

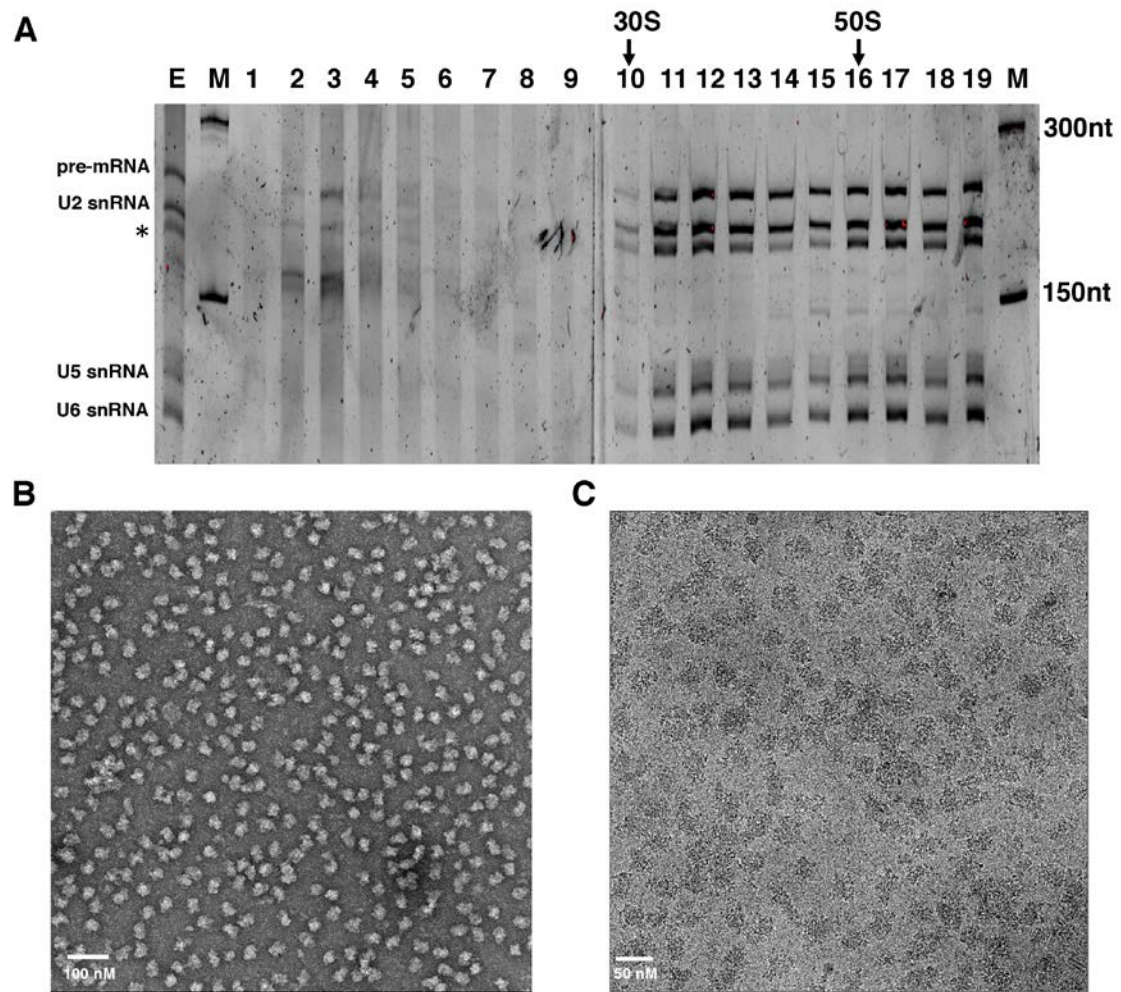


Figure S1 Purification and EM analysis of the human spliceosomal B^{act} complex.

(A) The affinity-purified human spliceosomes were fractionated by glycerol gradient centrifugation. The total RNA from each fraction was electrophoresed in a denaturing Urea-PAGE gel, followed by SYBR[®] Gold staining. Fractions 11-15 may contain the human spliceosomal B^{act} complex and were pooled for the preparation of cryo-EM sample. (B) A negative-staining (by uranyl acetate) electron microscopy (EM) micrograph of the final sample. Scale bar, 100 nm. (C) A representative cryo-EM micrograph of the final sample. Scale bar, 50 nm.