

FIGURE S8

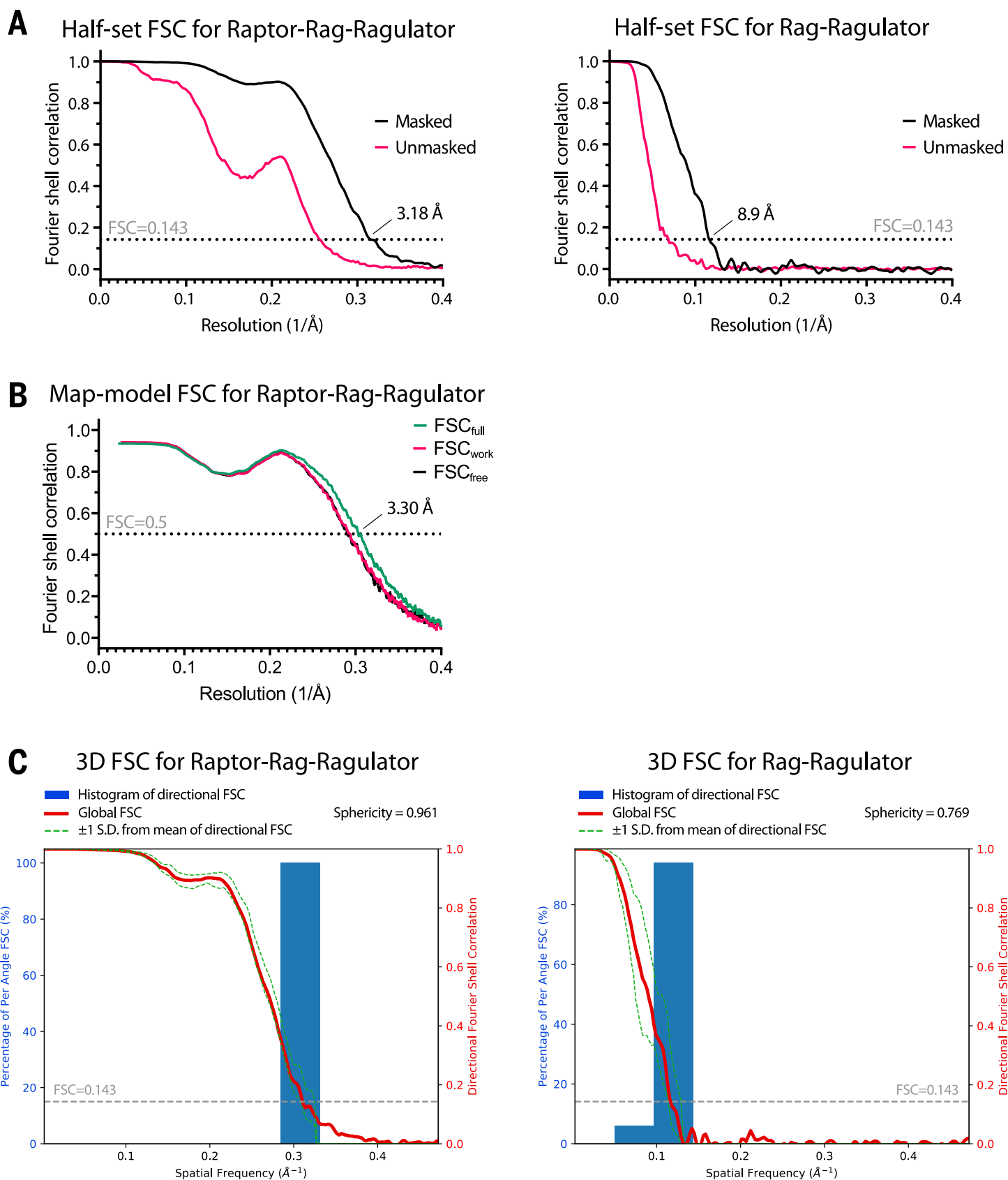


Fig. S8. (A) Fourier shell correlation (FSC) of two half maps before and after applying a mask.

(B) FSC of the molecular model versus three EM maps of the Raptor-Rag-Ragulator complex: (1) the combined map that the model was refined against (FSC_{full}), (2) the first of two independent half-maps that the model was refined against to test potential overfitting during the model refinement procedure (FSC_{work}), and (3) the second independent half-map (FSC_{free}). FSC curves were calculated using phenix.mtriage (79).

(C) Directional resolution of the final cryo-EM maps of Raptor-Rag-Ragulator (left panel) and Rag-Ragulator (right panel). A very low standard deviation of directional FSC indicates a wide range of particle orientations in the sample, and high data quality.