



Supplementary Figure S4. Local resolution analysis. a. Cryo-EM density map is shown colored according to the local resolution of the masked map, using ResMap (Kucukelbir, A., Sigworth, F. J. & Tagare, H. D. *Nat Methods* 11, 63-65, doi:10.1038/nmeth.2727 (2014)) for the Lin^S ribosome. **b.** ResMAP analysis of the Lin^R density map, showing local resolution. On the left is the full particle, on the right is a slice directly through the center of the molecule, showing that the local resolution is higher in the core of the particle, compared to the outside.