



Supplementary Figure S2. Cryo-EM data and processing. **a.** Fourier Shell Correlation (FSC) plot of the final 3D map indicates a resolution of 3.95 Å for the Lin^S ribosome and 3.59 Å for the Lin^R ribosome (FSC=0.143 criteria). **b.** Representative cryo-EM micrographs showing distribution of 70S ribosomal particles on grid recorded at -1.8 μm defocus (scale bar, 30 nm). **c.** Representative 2D class averages of the Lin^S 70S ribosome showing well defined density for both the LSU and SSU (scale bar, 10 nm).