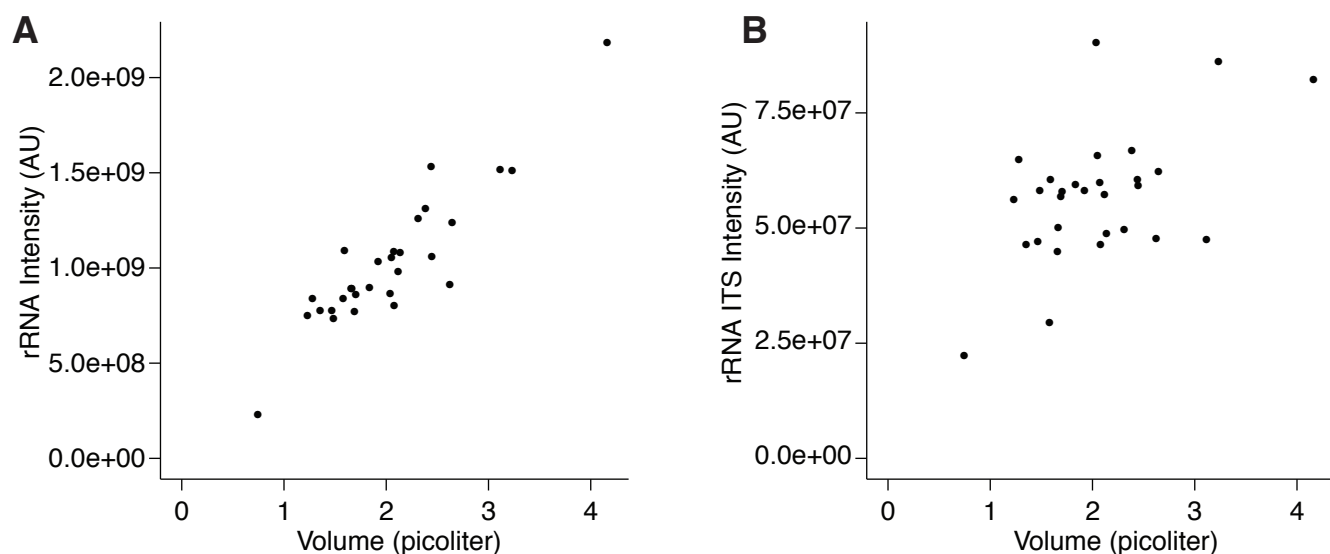


## Supplementary Figure 5



### Supplementary Fig. 5. Ribosomal RNA.

A. We measured ribosomal RNA by quantifying total fluorescence intensity in the cytoplasm from an rRNA FISH probe in cycling CRL2097 cells.

B. We measured the rRNA ITS (the rRNA “intron”) by quantifying total fluorescence intensity in the nucleus from an ITS RNA FISH probe.

rRNA and the rRNA ITS both scale with volume to some degree, suggesting that the production of ribosomal RNA scales with volume. We have shown that mRNA scales with volume, so a similar scaling of rRNA is not inconsistent with the production of protein to scale with volume as well. The data shown is one of three biological replicates.