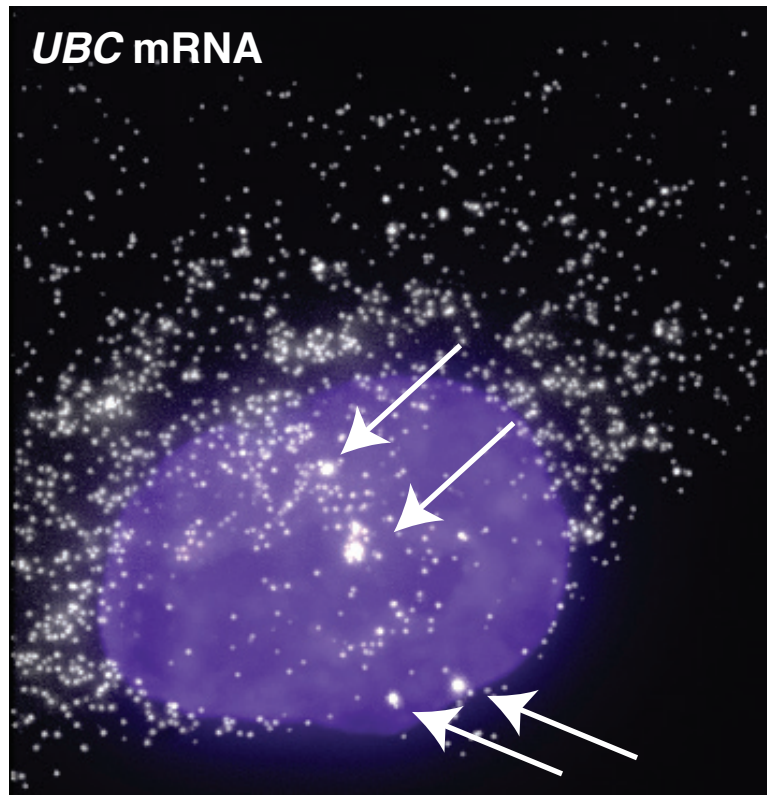


Supplementary Figure 11



Supplementary Fig. 11. Replicated gene copies are transcriptionally competent.

UBC mRNA in a CRL2097 cell. RNA FISH probe in white, DAPI stain in purple. White arrows indicate transcription sites. We detect transcription sites through intron/exon colocalization by RNA FISH. This cell is in G2 and has four transcription sites, demonstrating that all gene copies are transcriptionally competent after replication.