

TABLES

Table S1- P Values of t-test on the mean from Figure 6 C.

Test performed on values from the 5 minute time point for each condition. In green, P values for significantly different populations. In red, P values for t-test with no differences.

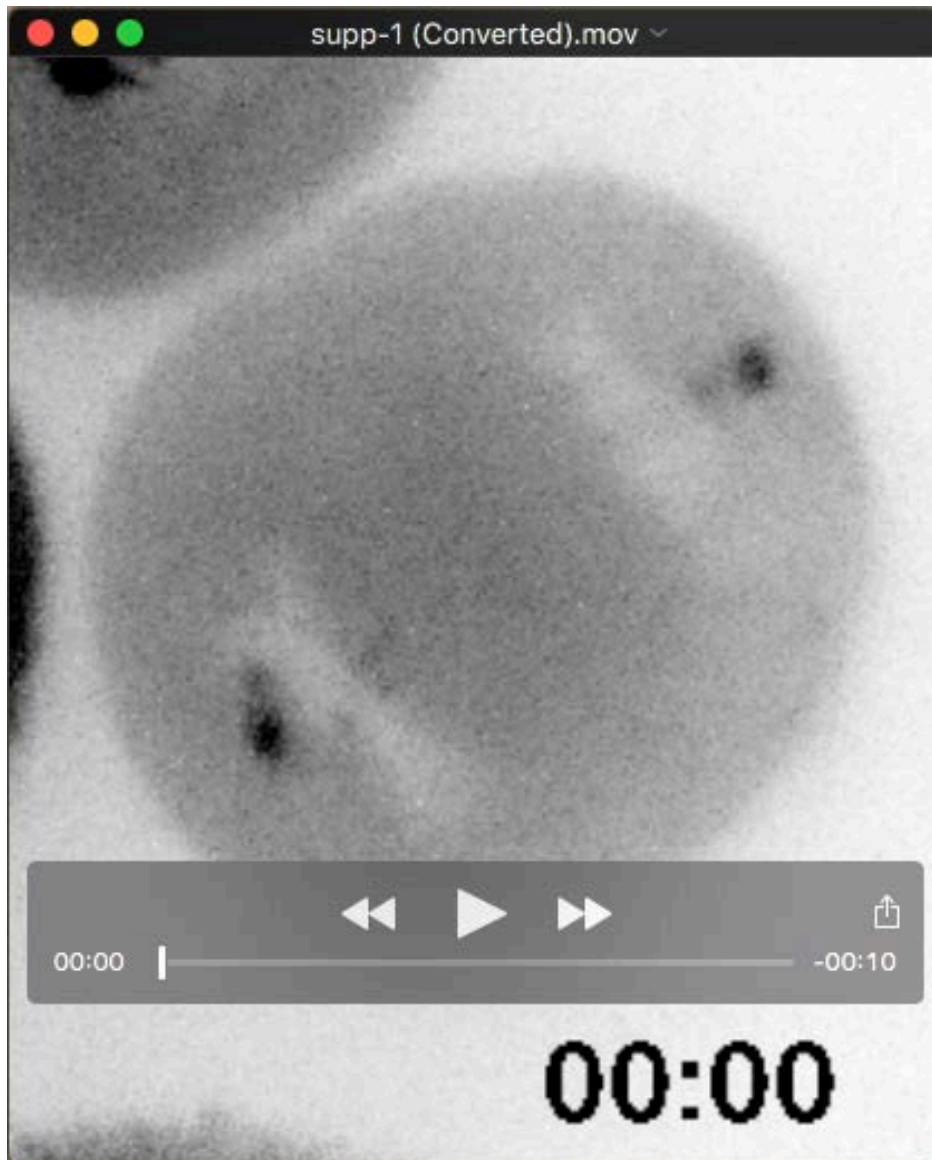
[Click here to Download Table S1](#)

Table S2- P Values of t-test on the mean from Figure 7 B.

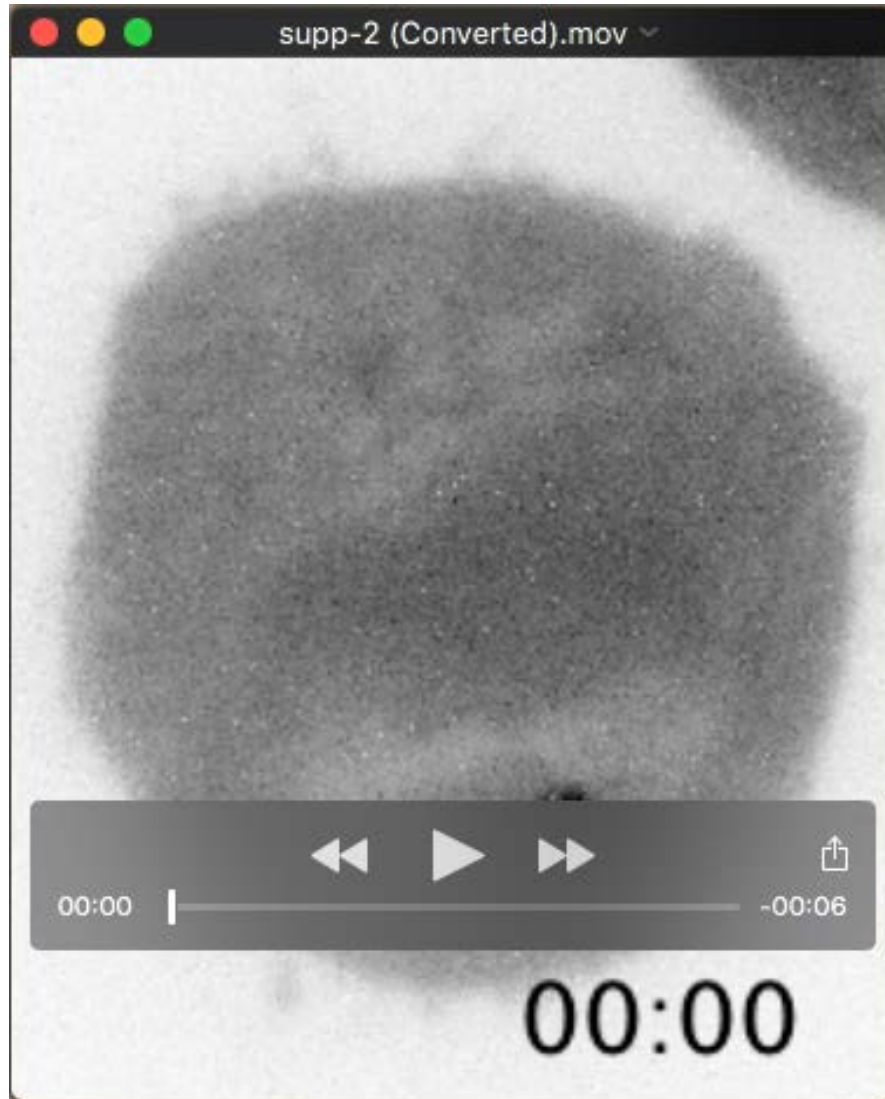
Test performed on values from the 5 minute time point for each condition. In green, P values for significantly different populations. In red, P values for t-test with no differences.

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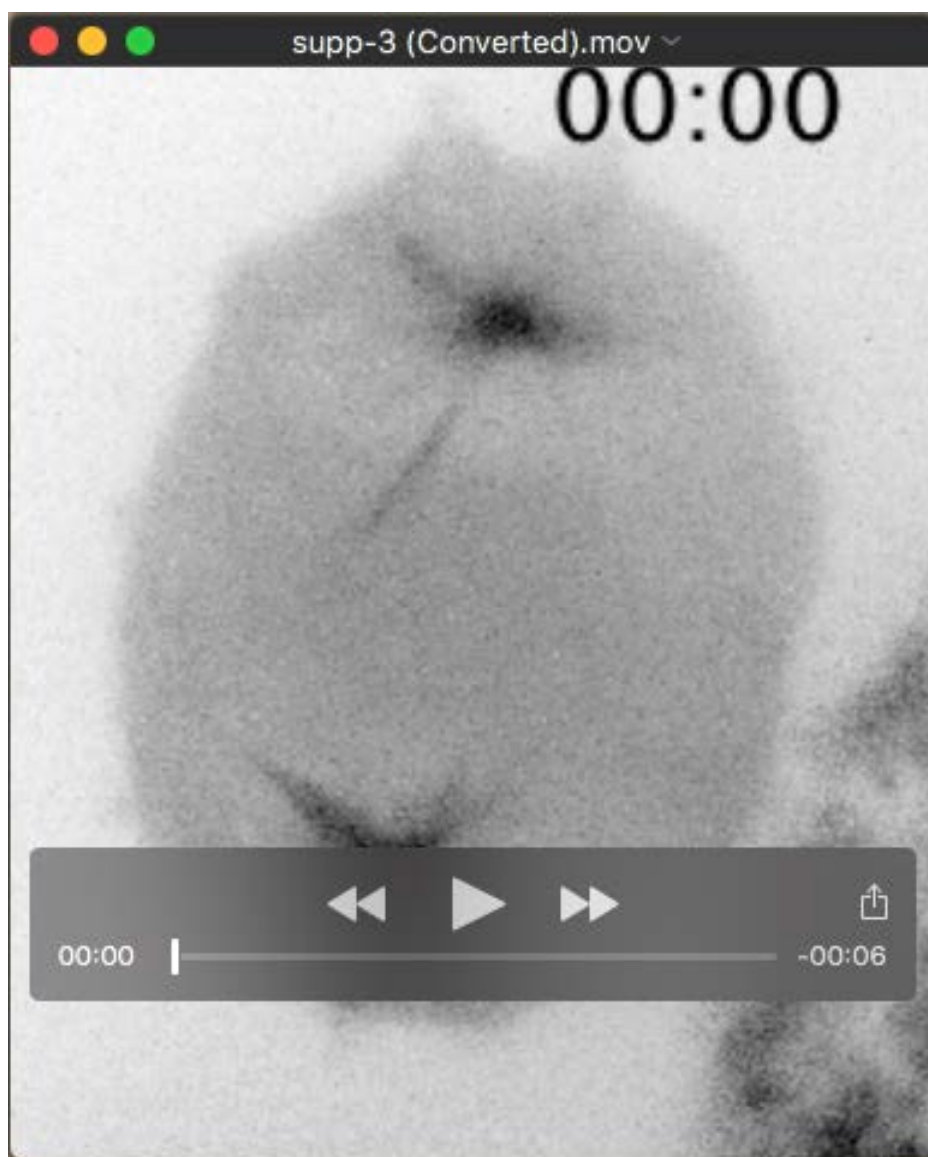
MOVIES



Movie 1- Fluorescence time-lapse microscopy showing MT nucleation in WTAurA cells expressing GFP-Tubulin, which were depleted of endogenous Aurora A and treated with 10 μ M 1-Na-PP1. MT regrowth begins at $t = 0$ (time in minutes)



Movie 2- Fluorescence time-lapse microscopy showing MT nucleation in ASaurA cells expressing GFP-Tubulin, which were depleted of endogenous Aurora A and treated with 10 μ M 1-Na-PP1. MT regrowth begins at $t = 0$ (time in minutes)



Movie 3- U2OS GFP-Tubulin cells treated with MLN8237. Cells were treated at the metaphase to anaphase transition. MT regrowth begins at $t = 0$ (time in minutes).