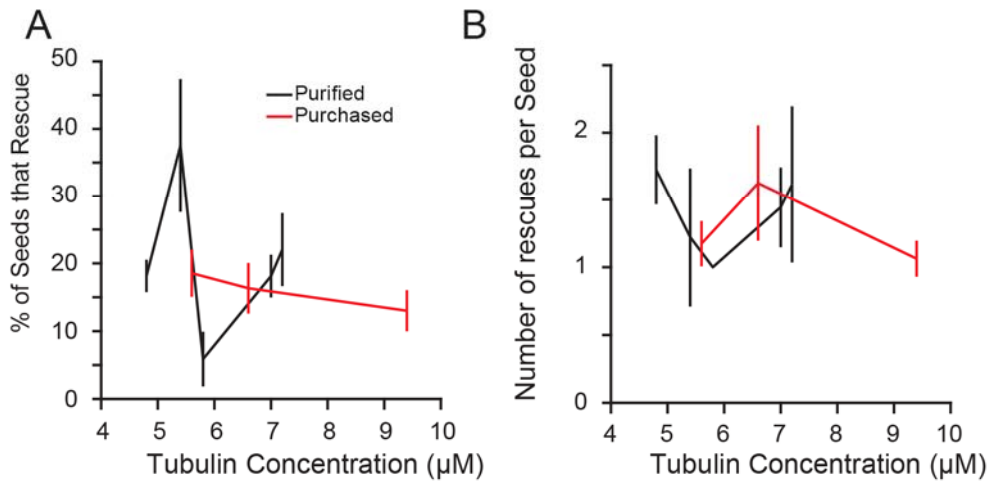


Supplemental Materials

Molecular Biology of the Cell

Fees and Moore

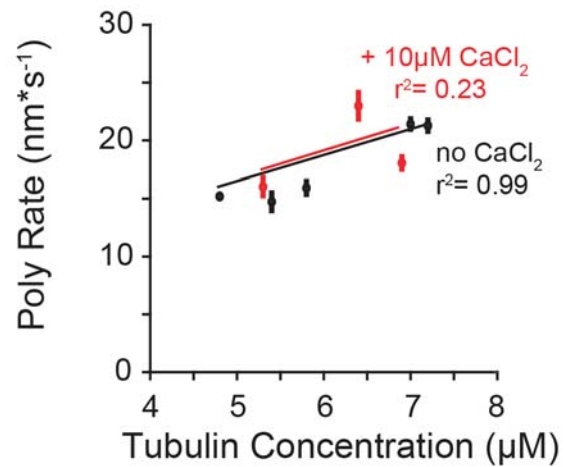
Supplemental Figure 1)



Supplemental Figure 1)

(A) Percent of seeds with at least one observed rescue as a function of tubulin concentration. Protein purified from pig brain (black) compared to purchased protein purified commercially (red). Data points represent mean \pm 95% CI of 870 separate GMPCPP seeds from 8 different experiments. **(B)** Average number of rescues per seed as a function of tubulin concentration.

Supplemental Figure 2



Supplemental Figure 2)

(A) Polymerization rate as a function of tubulin concentration of reactions with (red) or without (black) 10 μM CaCl₂. Points represent average microtubule polymerization rate at each concentration. Plot represents the mean ± 95% CI. Data pooled from at least 62 microtubules from at least 3 separate experiments of increasing tubulin concentrations.