

Supplemental Materials

Molecular Biology of the Cell

McLaughlin et al.

Supplemental Video 1

Max projection of GEMs in an Ashbya cell. 3D GEM localizations are visualized as green spheres above the max projection, and surface projected diffusivity estimates are shown above those.

Supplemental Video 2

Max projection, localizations, and surface projected diffusivity estimates for a single hypha. Lower diffusivity at the hyphal tip as well as heterogeneity of diffusivity within the hypha can be seen.

Supplemental Video 3

An example of a testing video as described in Figure 3A. Max projection of simulated Brownian motion shown, with localizations as green spheres, and surface projected diffusivity estimates above.