



Figure 3 supplement 4. Inter-centromeric distances reduce following Astrin-4A expression

(A) Representative time-lapse images of HeLa cells depleted of endogenous Astrin and coexpressing CENP-B-DsRED and either YFP-Astrin-WT or YFP-Astrin-4A showing dynamic changes in inter-centromeric distances through time. Images were acquired once every 4 seconds for 2 minutes. Cells were MG132 treated 1h prior to imaging. (B) Graph of inter-centromeric distances (in microns) measured using CENP-B-DsRED signals in cells as shown in A. Each dot represents the value from a kinetochore. Data acquired from at least three independent repeats. Number of cells and centromere pairs studied from time-lapse movies indicated. “*” indicates statistically significant difference.