

Table S3. Microtubule density of cycled spindles formed in egg extracts treated with antibodies against Nup107-160 complex members.

Antibodies Added	n	Fluorescence Intensity (mean \pm SD)	Ratio to control
Rabbit IgG	16	155.5 \pm 29.5	1
Anti-Nup133	16	76.8 \pm 20.1	0.50
Anti-Nup43	15	79.1 \pm 21.8	0.51

To quantitate the relative density of microtubules in the resultant spindles, images were acquired using a 63x objective, and analyzed using Imaris imaging software. A 100 x 100 pixel region was chosen roughly half way between the chromosomes and spindle poles. The fluorescence within this region was integrated. Background was determined by measuring a corresponding 100 x 100 pixel region in an adjoining area of the same field lacking microtubules or chromatin. The background was subtracted to provide the final measurement of fluorescence intensity.