	RAW DATA						PERCENTAGE					
	VECTOR			*2μΔNEG*			VECTOR			*2μΔNEG*		
	A	B	C	1	2	3	A	B	C	1	2	3
G1	111	191	135	426	265	351	39,9	45,8	46,6	66,1	65,8	62,0
bud and 1 SPB	67	61	55	32	34	64	24,1	14,6	19,0	5,0	8,4	11,3
bud 2 SPBs and 1 kinetochore	35	65	40	95	64	99	12,6	15,6	13,8	14,8	15,9	17,5
bud 2 SPBs and 2 kinetochores	46	61	50	69	22	43	16,5	14,6	17,2	10,7	5,5	7,6
bud 2 SPBs and 2 kinetochores no tubulin filament	19	39	10	22	18	9	6,8	9,4	3,4	3,4	4,5	1,6
n (each biological sample)	278	417	290	644	403	566						
n (each condition)	985			1613								

	AVERAGE		SD		
	VECTOR	*2μΔNEG*	VECTOR	*2μΔNEG*	T-TEST PAIRED SAMPLES
No bud	44,1	64,6	3,63	2,28	0,022
bud and 1 SPB	19,2	8,2	4,74	3,17	0,115
bud 2 SPBs and 1 kinetochore	14,0	16,0	1,51	1,38	0,173
bud 2 SPBs and 2 kinetochores	16,1	7,9	1,35	2,64	0,021
bud 2 SPBs and 2 kinetochores no tubulin filament	6,5	3,2	2,96	1,46	0,061

Source data Figure 2b. Raw data obtained in each of the three experiment performed to obtain the numbers represented in figure 2b

	vector		*2μΔNEG*	
DESCRIPTION	**raw data**	**%**	**raw data**	**%**
Normal mitosis (nucleus in the mother at the onset of anaphase; nuclei in mother and daughter at the end)	181	97	168	73
Mitosis starts in daughter cells (like type 1 but nucleus at the bud at the onset of anaphase)	0	0	18	8
Binucleation in bud: nuclei divide and remain in the bud. Cytokinesis takes place	0	0	2	1
Cells seem to try to divide their nucleus near the bud neck but don´t divide in at least 2 hours	6	3	41	18
n	187		229	

Source data Figure 2c. Data corresponding to the quantification of the different types of cell divisions observed in the films performed with the first biological replicate.