

Table 1 Kinetochore microtubule numbers are related to average chromosome size in multiple species

	Species	Haploid genome size ^a (Mb)	Haploid chromosome number	Average chromosome size (Mb)	Microtubule number per kinetochore	References
Yeasts	<i>Schizosaccharomyces pombe</i>	14.1	3	4.7	3	Ding et al. 1993
	<i>Saccharomyces cerevisiae</i>	12	16	0.8	1	Winey et al. 1995
	<i>Candida albicans</i>	16	8	2.0	1	Joglekar et al. 2008
Animals	<i>Drosophila</i>	165	4	41.3	5	McEwen et al. 1998
	Human	3,000	23	130.4	17	McEwen et al. 2001
	Fetal rats	2,800	21	133.3	7	McEwen et al. 1998
	CHO cells	3,032	11	275.6	12	McEwen et al. 1998
	PtK cells	3,000	6	500.0	24	McEwen et al. 1998
Alga	<i>Ostreococcus tauri</i>	12	20	0.6	0.4	Gan et al. 2011
Plant	<i>Haemanthus</i>	57,213	8	7,151.6	75	McEwen et al. 1998

^a Haploid genome size and chromosome number were obtained from the following databases: fungal, www.zbi.ee/fungal-genomesize/; animals, www.genomesize.com; and plant and algae, www.kew.org/genomesize/homepage.html