

RNAi line/mutant	Polar ejection forces (PEFs)	Interpolar microtubules	Metaphase alignment of acentrics	References
<i>eb1</i>	Compromised	Compromised	Compromised	Rogers <i>et al.</i> , 2002, Popova <i>et al.</i> , 2022, Vicars <i>et al.</i> , 2021
<i>klp3a</i>	Compromised	Compromised	Compromised	Kwon <i>et al.</i> , 2004, Karg <i>et al.</i> , 2017
<i>klp31e</i>	Normal	Compromised	Normal	Goshima & Vale, 2003
<i>cmet</i>	Normal	Normal	Normal	Yucel <i>et al.</i> , 2000

Table S1: Summary of phenotypes of various gene knockdowns. Observed or previously reported cellular phenotypes caused by knockdown of listed microtubule- or kinetochore-associated proteins. Phenotypes are organized by disruptions of polar ejection forces (PEFs), disruptions of interpolar microtubule structure, and misalignment of acentric sister chromatids at metaphase.