

Table S1. Quantification of oocytes arrested in prophase and metaphase of meiosis I

Strain*	Percentage of oocytes														
	Stages 10-12			Early stage 13 [†]			Mid stage 13 [†]			Late stage 13 [†]			Stage 14		
	PI [‡]	MI [‡]	Ab [‡]	PI	MI	Ab	PI	MI	Ab	PI	MI	Ab	PI	MI	Ab
Control [¶]	100	0 (129) [§]	0	94	6 (90)	0	71	21 (98)	7.1	2.5	93 (160)	5	1	94 (191)	4.7
<i>endos</i> ⁰⁰⁰⁰³	100	0 (127)	0	100	0 (61)	0	90	1.9 (103)	7.8	58	6.3 (207)	36	4.6	2.9 (481)	93
<i>endos</i> ⁰⁰⁰⁰³ / <i>endos</i> ^{EY1105}	100	0 (50)	0	100	0 (37)	0	98	0 (40)	2.5	76	3.2 (63)	21	6.7	0 (60)	93
<i>endos</i> ⁰⁰⁰⁰³ / <i>Df(3L)ED4536</i>	99	0 (89)	1.1	90	0 (29)	10	96	0 (25)	4	33	1.6 (64)	66	0.8	0 (124)	99
<i>twe</i> ¹	100	0 (128)	0	92	0.7 (142)	7.7	84	11 (121)	5	84	4.3 (233)	12	12	5.2 (229)	83
<i>twe</i> ¹ / <i>Df(2L)RA5</i>	32	0 (37)	68	46	2.3 (44)	52	46	4.4 (68)	50	42	11 (65)	48	13	7.3 (150)	80
<i>elgi</i> ^{EY10782} (Control)	100	0 (79)	0	93	6 (84)	1	60	40 (35)	0	1	98 (143)	1	0	98 (104)	2
<i>elgi</i> ¹	100	0 (139)	0	84	15 (134)	1.5	40	56 (57)	3.5	5.9	93 (119)	0.8	0	97 (315)	3.1
<i>elgi</i> ¹ / <i>elgi</i> ²	100	0 (28)	0	65	34 (114)	0.9	13	87 (54)	0	0.9	99 (116)	0	0	98 (92)	2.2
<i>elgi</i> ¹ / <i>Df(3L)brm11</i>	100	0 (53)	0	83	17 (30)	0	35	65 (40)	0	0.9	99 (108)	0	0	100 (186)	0.5
<i>endos</i> ⁰⁰⁰⁰³ <i>elgi</i> ¹	100	0 (105)	0	97	0 (31)	3.2	96	0 (24)	4.2	49	1.6 (61)	49	3.3	0.8 (121)	96
Control (29°C) [¶]		n.d.		44	51 (41)	5	21	73 (66)	6	1	86 (80)	13	0	92 (12)	8
<i>cdc2</i> ^{E1-24} / <i>Icdc2</i> ^{B47} (29°C)	100	0 (100)	0	100	0 (169)	0	92	3 (105)	5	49	32 (250)	19	4	18 (626)	78

*Experiments were performed at 22-25°C, except where indicated (29°C).

[†]Stage 13 oocytes were categorized as early, mid or late according to the number of nurse cell nuclei present: early stage 13 egg chambers have 11-13 nurse cell nuclei, mid stage 13 egg chambers have 6-10 nurse cell nuclei, and late stage 13 egg chambers have 1-5 nurse cell nuclei.

[‡]PI, prophase I arrest; MI, metaphase I arrest; Ab, abnormal DNA morphology.

[¶]yw females were used as the wild-type control.

[§]The number of oocytes analyzed is shown in parentheses.