

Table S 1: Fertility and non-disjunction phenotypes of *subito* mutants in a wild type background

Transgene ¹	Nondisjunction progeny	Total progeny	Progeny/female parent	% Non-Disjunction
<i>sub</i> ^{HA}	0	1514	76	0
<i>sub</i> ^{ΔNT}	1	869	43	0.23
<i>sub</i> ^{Δ(1-41)}	0	1412	24	0.3
<i>sub</i> ^{Δ(1-21)}	0	1889	47	0
<i>sub</i> ^{Δ(24-33)}	1	2581	54	0.08
<i>sub</i> ^{S16AS24A}	0	1219	38	0
<i>sub</i> ^{Δ(42-76)}	11	4251	36	0.52
<i>sub</i> ^{ΔCT1}	0	1632	40	0
<i>sub</i> ^{ΔCT2}	2	1531	32	0.26

¹Each transgene was expressed in the presence of wild-type endogenous Subito protein and resultant progeny was tested for fertility and X-chromosome non-disjunction.

Table S 2: Percentage of oocytes in each spindle category.

Transgenes expressed	Bipolar WT	Bipolar Frayed	Bipolar no CS	Multipolar	Monopolar	Other
<i>sub</i> ^{1/131} ; <i>sub</i> ^{HA}	52	36	0	0	0	12
<i>sub</i> ⁺ ; <i>sub</i> ^{Δ(1-41)}	54	36	0	0	0	9
<i>sub</i> ⁺ ; <i>sub</i> ^{ΔCT1}	41.6	50	0	0	0	8.3
<i>sub</i> ⁺ ; <i>sub</i> ^{ΔCT2}	100	0	0	0	0	0
<i>sub</i> ⁺ ; <i>sub</i> ^{3A}	71.4	28.6	0	0	0	0
<i>sub</i> ^{1/131}	0	26.6	30	30	3.33	10
<i>sub</i> ^{1/131} ; <i>sub</i> ^{Δ(1-41)}	20	20	10	30	10	10
<i>sub</i> ^{1/131} ; <i>sub</i> ^{ΔCT1}	0	28.6	0	0	57.1	14.3
<i>sub</i> ^{1/131} ; <i>sub</i> ^{ΔCT2}	16	0	0	16	32	36
<i>sub</i> ^{1/131} ; <i>sub</i> ^{3A}	53	35	6	6	0	0
<i>sub</i> ^{1/131} ; <i>sub</i> ^{3E}	33.4	20	13.3	6.7	13.3	13.3