

Table S1 List of *C. elegans* strains used in the study.

Strain	Genotype
BJS21	<i>csb-1(ok2335) X; xpc-1(tm3886) IV.</i>
BJS78	<i>smc-5(sbj3)/mln1[mls14 dpy-10(e128)] II.</i>
BJS79	<i>smc-5(sbj2)/mln1[mls14 dpy-10(e128)] II.</i>
BJS99	<i>smc-5(ok2421)/mln1[mls14 dpy-10(e128)] II ; csb-1(ok2335) X.</i>
BJS101	<i>smc-5(ok2421)/mln1[mls14 dpy-10(e128)] II ; xpc-1(tm3886) IV.</i>
BJS121	<i>smc-5(ok2421)/mln1[mls14 dpy-10(e128)] II ;brd-1(gk297) III.</i>
BJS123	<i>smc-5(ok2421)/mln1[mls14 dpy-10(e128)] II ;brc-1(tm1145) III.</i>
BJS125	<i>smc-5(ok2421)/mln1[mls14 dpy-10(e128)] II ; hsr-9(ok759) I.</i>
BJS127	<i>smc-5(ok2421)/mln1[mls14 dpy-10(e128)] II ; div-1(or148) III.</i>
BJS144	<i>smc-5(ok2421)/mln1[mls14 dpy-10(e128)] II; polh-1(ok3317) III.</i>
BJS146	<i>smc-5(ok2421)/mln1[mls14 dpy-10(e128)] II; polh-1(mn156) III.</i>
DW102	<i>brc-1(tm1145) III.</i>
EU548	<i>div-1(or148) III.</i>
FX03886	<i>xpc-1(tm3886) IV.</i>
N2	wild-type.
RB1801	<i>csb-1(ok2335) X.</i>
SP488	<i>rad-2(mn156) III.</i>
VC573	<i>hsr-9(ok759) I.</i>
VC655	<i>brd-1(gk297) III.</i>
XF656	<i>polh-1(ok3317) III.</i>
YE35	<i>smc-5(ok2421)/mln1[mls14 dpy-10(e128)] II;spo-11(ok79) IV/nT1[unc-?(n754) let-?] IV;V.</i>
YE57	<i>smc-5(ok2421)/mln1[mls14 dpy-10(e128)] II.</i>
YE58	<i>smc-6(ok3294)/mln1[mls14 dpy-10(e128)] II.</i>

Table S2 Validation of statistical significance applying χ^2 and two-tailed Fisher's Exact Test for germline development determined in this study.

Available for download as an Excel file at <http://www.genetics.org/lookup/suppl/doi:10.1534/genetics.113.158295/-/DC1>