

Table S1

| Strain | Genotype | Description |
|---------------------|---|---|
| N2 | wild-type | Wild-type |
| PD8753 | <i>dcr-1(ok247) III/hT2 [bli-4(e937) let-?(q782) qls48] (I;III)</i> . | Dicer mutant |
| RF103 | <i>rrf-1(ok589) I</i> | RNAi in the germline |
| RF104 | <i>rrf-1(ok589) I; alg-2(ok304) II</i> | RNAi in the germline with <i>alg-2</i> mutation |
| RF849 | <i>alg-2(ok304) II; rde-1(ne219) V; xwEx189 [mir786^{prom}::rde-1(+):unc-54^{3' UTR}]</i> | RNAi in the somatic gonad |
| RF851 | <i>alg-2(ok304) II; rde-1(ne219) V</i> | Control for RF849 |
| RF855 | <i>pash-1(mj100) I</i> | Pasha mutants; <i>pash-1(mj100)</i> mutants isolated from SX1359 strain without the rescuing array. |
| RF862 | <i>unc-119(ed3) III; rde-1(ne219) V; xwTi2[inx-8^{prom}::rde-1(+):unc-54^{3' UTR}] X</i> | RNAi in the sheath cells; <i>xwTi2</i> location X 8805171bp (intron) |
| RF864 | <i>xwTi1 [inx-8^{prom}::rde-1(+):unc-54^{3' UTR}]; unc-119(ed3) III, rde-1(ne219) V</i> | RNAi in the sheath cells; <i>xwTi1</i> location III 3994771bp |
| RF878 | <i>oxTi76 IV; rde-1(ne219) V; unc-119(ed3) xwTi1 III</i> | Control strain to validate tissue specific RNAi in the sheath cells |
| RF884 | <i>oxTi76 IV; rde-1(ne219) V; xwTi2 X; unc-119 III</i> | Control strain to validate tissue specific RNAi in the sheath cells |
| RF885 | <i>xwTi5 [pie-1^{prom}::rde-1(+):tbb-2^{3' UTR}]IV; rde-1(ne219) V</i> | RNAi in the germline; <i>xwTi5 IV</i> 172,923,205bp |
| RF922 | <i>alg-2(ok304) II; rde-1(ne219) V; xwTi5 [pie-1^{prom}::rde-1(+):tbb-2^{3' UTR}]</i> | RNAi in germline |
| SX1359 ^a | <i>pash-1(mj100) I; mjEx331</i> | Pasha temperature sensitive mutant with rescue array |
| VC1138 | <i>drsh-1(ok369) I/hT2 [bli-4(e937) let-?(q782) qls48] (I;III)</i> . | Drosha mutant |
| RF102 | <i>alg-2(ok304) II</i> | <i>alg-2</i> mutant |
| WM27 | <i>rde-1(ne219) V</i> | RNAi resistant |

^a Strain provided by Eric Miska, Lehrbach et al, 2012