

**S1Table. Optimization of filtration conditions.**

Exposing the G<sub>1</sub> embryos (and a few larvae) recovered from the 20  $\mu$ M filter to 25% bleach solution for 30 seconds killed the larvae and had a minimal effect on the embryos as measured by determining the embryonic lethality after 24 hours. Data were collected from one replicate for conditions 1 to 5. Because alive larvae were observed for the first four conditions and the percent embryonic lethality was greater than 50% for the fifth condition, additional replicates were not performed. Data were collected from five replicates for the sixth and seventh conditions.

<b>Condition number</b>	<b>Percent bleach solution</b>	<b>Incubation time in seconds</b>	<b>Alive larvae observed</b>	<b>Percent embryonic lethality measured after 24 hours</b>
1	10	120	Yes	9
2	20	60	Yes	12
3	20	120	Yes	12
4	20	150	Yes	45
5	25	150	No	60
6	25	60	No	34.4
7	25	30	No	13.3