Injection Checklist

Things to bring upstairs to injection room:

Flies in cages
Extra molasses plates
Yeast in beaker covered with parafilm
beaker with bleach
timer
warm clothes
DNA

Daily schedule:

Note: There will be 2 sets of cages marked with different colored tape. Call these “A” and “B.”

Before beginning, remove plates from refrigerator and warm up to room temperature (20-25” in microwave). Make fresh yeast in a beaker.

1. Change plates on “A” cages. This is time 0. Change plates on “B” cages 30’ later. This initiates 2 sets of 1-hour rounds of collection, offset by 30’.

2. During the first hour, do the following:
   Person 1 (injector):
   make needles
   spin down DNA
   fill needles with DNA
   make petri dishes with rolled tape (for slides)

   Person 2 (egg liner-upper)
   make slides with double-stick tape
   make “tools” with wooden sticks and double-stick tape
   yeast plates

Make at least enough of these supplies for the first few rounds; during the off time each round, Person 1 can continue making the rest of the stuff.
Round Schedule

1. If there is one person: change plates, collect embryos, bleach embryos for 3’, line up embryos, add oil to embryos, inject, put into petri dish.

2. If there are 2 people, during each 30 minute round:

<table>
<thead>
<tr>
<th>Person 1</th>
<th>Person B</th>
</tr>
</thead>
<tbody>
<tr>
<td>change plates</td>
<td>add oil to embryos</td>
</tr>
<tr>
<td>collect embryos</td>
<td>inject</td>
</tr>
<tr>
<td>bleach embryos for 3’</td>
<td>put into petri dish</td>
</tr>
<tr>
<td>During bleaching,</td>
<td></td>
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<tr>
<td>wash, dry and yeast as many</td>
<td>make more slides,</td>
</tr>
<tr>
<td>plates as possible</td>
<td>tools, yeasted plates for</td>
</tr>
<tr>
<td>line up embryos</td>
<td>person A</td>
</tr>
</tbody>
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