

# 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:

### **Person 1**

change plates  
collect embryos  
bleach embryos for 3'  
During bleaching,  
wash, dry and yeast as  
many plates as possible  
line up embryos

### **Person B**

add oil to embryos  
inject  
put into petri dish  
  
make more slides,  
tools, yeasted plates for  
person A