NAME __________________________
 DATE __________________________

NOTE:

When adding DEX, formaldehyde, and glycine, tilt the plate to gather the media to one side, add the reagents into the media by pipetting with a streaking motion. Tilt the plate side to side, front to back ~5 times to mix.

**Handle plates one at a time when adding reagents and mixing - DO NOT add then wait to mix all at once.

**Start initial timer after DEX is mixed for 1st plate from 1st TP. For each subsequent TP set up before timer goes off.

When timer goes off: immediately start the timer for the next TP then begin DEX treatments - do not wait until mixing plates after DEX addition is completed to start timer (for subsequent TP plates only).

**@3pm - split 18 plates among 3 people - each person handles 6 plates to harvest for ChIP. Formaldehyde and glycine added in same plate order as DEX.

**@4PM - split 18 plates among 3 people - each person handles 6 plates to harvest for ChIP. Formaldehyde and glycine added in same plate order as DEX.

### DEX TREATMENTS

<table>
<thead>
<tr>
<th>Time</th>
<th>Duration</th>
<th>Under hood</th>
<th>Label</th>
<th>Plate Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 AM</td>
<td>6hrs</td>
<td>-</td>
<td>3 plates w/ TP</td>
<td>1-3</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>5hrs</td>
<td>-</td>
<td>3 plates w/ TP</td>
<td>4-6</td>
</tr>
<tr>
<td>11:00 AM</td>
<td>4hrs</td>
<td>-</td>
<td>3 plates w/ TP</td>
<td>7-9</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>3hrs</td>
<td>-</td>
<td>3 plates w/ TP</td>
<td>10-12</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>2hrs</td>
<td>-</td>
<td>3 plates w/ TP</td>
<td>13-15</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>1hr</td>
<td>-</td>
<td>3 plates w/ TP</td>
<td>16-18</td>
</tr>
</tbody>
</table>

### DEX TREATMENT: 1-6hrs

- **3:30 PM** start 30min TP - under hood, label 3 square plates w/ TP and 10-12, in dish order add 20uL of 500uM DEX (100 nM final) and mix

### DEX TREATMENT: 0, 30min, 7hrs, 8hrs, 10hrs, 12hrs

- **4:00 AM** start 12hr TP - under hood, label 3 square plates w/ TP and 1-3, in dish order add 20uL of 500uM DEX (100 nM final) and mix
- **6:00 AM** start 10hr TP - under hood, label 3 square plates w/ TP and 4-6, in dish order add 20uL of 500uM DEX (100 nM final) and mix
- **8:00 AM** start 8hr TP - under hood, label 3 square plates w/ TP and 7-9, in dish order add 20uL of 500uM DEX (100 nM final) and mix
- **9:00 AM** start 7hr TP - under hood, label 3 square plates w/ TP and 10-12, in dish order add 20uL of 500uM DEX (100 nM final) and mix
- **3:30 PM** start 30min TP - under hood, label 3 square plates w/ TP and 13-15, in dish order add 20uL of 500uM DEX (100 nM final) and mix
- **4:00 PM** 0hr TP - do not add DEX!! label 3 square plates w/ TP and 16-18

**@3pm - split 18 plates among 3 people - each person handles 6 plates to harvest for ChIP. Formaldehyde and glycine added in same plate order as DEX.