

**CRISRP #:**  
(don't write here)

## CRISPR Injection Form

### Contact Info:

Name of researcher:  
Name of PI:

Cell Phone Number:

### Sample Info

List samples in order of preferred injection priority (if only 1 sample can be injected). For all mutations except Gene Disruption by NHEJ, it is better to inject only one sample per day.

#### #1 Brief Name (for cage cards):

<b>Gene Name:</b>	<b>Guide ID:</b>	<b>DNA Template ID:</b>
<b>Type of Mutation (Highlight):</b>	Gene Disruption by NHEJ	Point mutation
	Point mutation	Small tag insertion
	Conditional allele by HDR	Large fragment insertion by HR
	Large fragment insertion by HR	(indicate size)

**Suspected Lethality:**                      **Timepoint:**  
**Has the guide been tested with cells?**  
**Is the strain in your lab's CAC protocol?**  
**Other Relevant Info:**

#### #2 Brief Name (for cage cards):

<b>Gene Name:</b>	<b>Guide ID:</b>	<b>Template ID:</b>
<b>Type of Mutation (Highlight):</b>	Gene Disruption by NHEJ	Point mutation
	Point mutation	Small tag insertion
	Conditional allele by HDR	Large fragment insertion by HR
	Large fragment insertion by HR	(indicate size)

**Suspected Lethality:**                      **Timepoint:**  
**Has the guide been tested with cells?**  
**Is the strain in your lab's CAC protocol?**  
**Other Relevant Info:**

**Desired Donor Embryo Strain (C57Bl/6 or BDF):**

## Components Provided for the Injection

PLEASE **DON'T PREMIX** COMPONENTS (including guides if multiple are to be used per sample).

All components should be delivered on dry ice at a time and place that have been arranged with the GEM director beforehand.

**CONCENTRATIONS:** Ensure that all guides and donor templates are at the requested concentrations – if it is not possible to achieve the desired concentrations please discuss with the director beforehand:

Guide RNA:  $\geq 500$  ng/ $\mu$ l      Template DNA: 1  $\mu$ g/ $\mu$ l

PLEASE **LABEL** TUBES WITH the TUBE NUMBER only, using a *permanent* marker and list the tubes with their contents below:

### LIST Your Reagents Here:

**Tube #1:**      **Reagent:**  
                         **Concentration:**

**Tube #2:**      **Reagent:**  
                         **Concentration:**

**Tube #3:**      **Reagent:**  
                         **Concentration:**

**Tube #4:**      **Reagent:**  
                         **Concentration:**

**Tube #5:**      **Reagent:**  
                         **Concentration:**