

Custom Plant CRISPR Ordering Form

Instructions:

The information provided will be used to generate the most applicable designs for your project. Please answer all questions in the spaces provided to help expedite your request. After completing the form, email it to **CRISPR@sial.com**.

Date:

1. Target Sequence

1a. What genome are you interested in editing? (Please select one)

Monocot Dicot Other (e.g., Algae, genus species):

1b. Name of Target Gene and/or Gene ID:

1c. NCBI Ref Seq Number (e.g., NM_000111):

1d. If you know the guide RNA sequence with PAM of the target of interest please paste here (e.g., GCAATCGCCATTCAGCATCTGG):

1e. If you know your target sequence/region of interest please paste here:

1f. If you are not sure of the target area paste the target gene of interest here:

1g. Please specify additional transcripts to be targeted below:

2. Project Goals

2a. Please indicate the type of project:

Gene Knockout
Gene Modification

SNP Modification

**Please specify 200 nt of genomic sequence upstream and downstream with modification highlighted.*

Before:

After:

3. CRISPR Plant Clone Ordering Table

Please choose either a Selectable Vector or GUS vector for each clone. Selectable vectors do not contain GUS
 The GUS vectors only available in Agrobacterium Mediated delivery

Clone Information			Selectable Vector				GUS Vector
Clone Name (ex: Xzab_A1)	Target Gene (Rpl1)	CRISPR Target Sequence (ATACGTACTAGCATGGACATGG)	Promoter Optimized	Delivery Method	Selection Marker		Promoter Optimized
			Monocot Dicot	Agrobacterium Biolistic	Hygromycin Neomycin Bar	OR	Monocot Dicot
			Monocot Dicot	Agrobacterium Biolistic	Hygromycin Neomycin Bar	OR	Monocot Dicot
			Monocot Dicot	Agrobacterium Biolistic	Hygromycin Neomycin Bar	OR	Monocot Dicot
			Monocot Dicot	Agrobacterium Biolistic	Hygromycin Neomycin Bar	OR	Monocot Dicot
			Monocot Dicot	Agrobacterium Biolistic	Hygromycin Neomycin Bar	OR	Monocot Dicot
			Monocot Dicot	Agrobacterium Biolistic	Hygromycin Neomycin Bar	OR	Monocot Dicot
			Monocot Dicot	Agrobacterium Biolistic	Hygromycin Neomycin Bar	OR	Monocot Dicot
			Monocot Dicot	Agrobacterium Biolistic	Hygromycin Neomycin Bar	OR	Monocot Dicot
			Monocot Dicot	Agrobacterium Biolistic	Hygromycin Neomycin Bar	OR	Monocot Dicot
			Monocot Dicot	Agrobacterium Biolistic	Hygromycin Neomycin Bar	OR	Monocot Dicot
			Monocot Dicot	Agrobacterium Biolistic	Hygromycin Neomycin Bar	OR	Monocot Dicot

4. Contact Information

6a. Title:	6b. First Name:	6c. Last Name:
4d. Institution or Company Name:		
4e. Shipping Address (building name and street address):		
4f. City/Town, State/Province, and Country (include ZIP code or postal code where appropriate):		
4g. Email Address:	4h. Telephone (include country and area code):	
4i. Name of Sales Representative:		
4j. May we contact you regarding future promotions?	Yes	No

5. Additional Information

5a. Please provide any additional project details below:

MilliporeSigma
400 Summit Drive
Burlington, MA 01803

To place an order or receive technical assistance

Order/Customer Service: SigmaAldrich.com/order

Technical Service: SigmaAldrich.com/techservice

Safety-related Information: SigmaAldrich.com/safetycenter

Web Order: SigmaAldrich.com/CRISPR

