Guide to Depositing Synthetic Biology Parts

When depositing your standard parts with Addgene, we encourage you to include some additional information which will make it easier for requesting scientists to use them in future experiments. You can submit either published or unpublished plasmids. Addgene can hold your plasmids until publication. Email deposit@addgene.org for help or with questions.

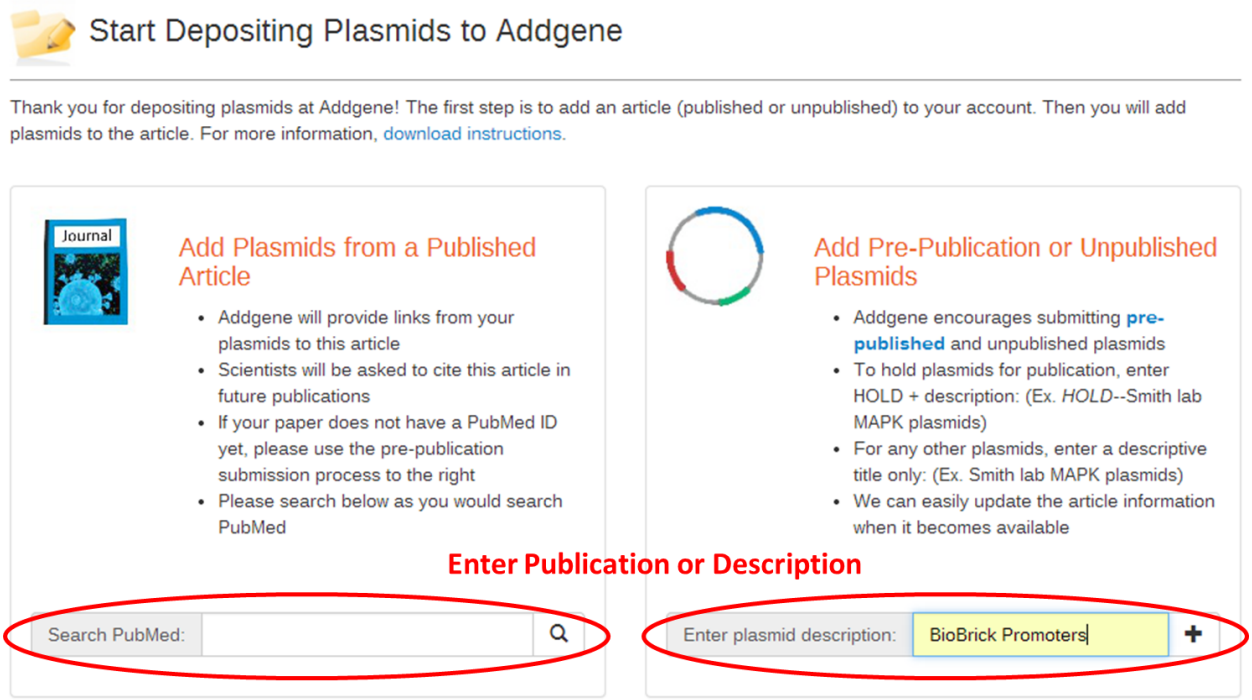
Before getting started, it may be helpful to gather the following:

- The assembly standard that your part is compatible with.
- The type of part you are depositing (e.g. promoter, terminator, CDS, etc).
- The part number(s) (if depositing at or using parts from a parts repository such as iGEM or JBEI).
- Any relevant measurement data for the part.

This document will help you enter your data so that it will be searchable and readily available for those requesting your parts. See https://www.addgene.org/deposit/ for more general deposit instructions.

1. Start the Deposit

Go to https://www.addgene.org/deposit/start-deposit/. If you would like us to hold your plasmids offline until publication, write "HOLD" before your description. In this example we will deposit some unpublished BioBrick Promoters.



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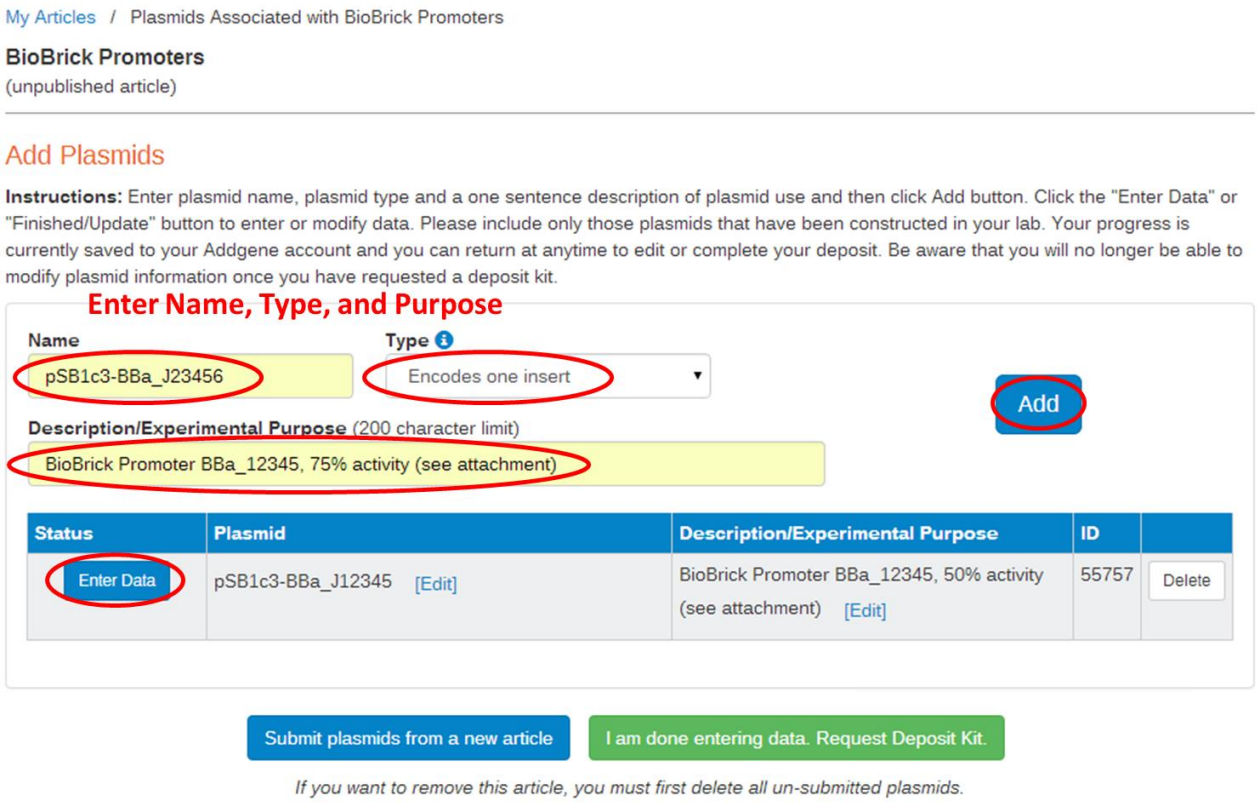
2. Enter the Name, Type, and Purpose for Each Plasmid

For each plasmid you are depositing, enter the following information:

- The plasmid name in the format pBACKBONE-INSERT. In this example the backbone is the standard iGEM backbone pSB1c3 and the insert name is the iGEM part number.
- Select the plasmid type, which is one insert for a single part (would be multiple inserts for multiple parts in series).
- Give a useful description in the purpose field. This is where you can enter the assembly standard, part type, part number, and a brief description of measurement data.
- Once you have entered the data for first plasmid, click "Add," and enter the next plasmid in your deposit.

Note: *More information is always better, so don't worry about entering the same information in multiple places.*



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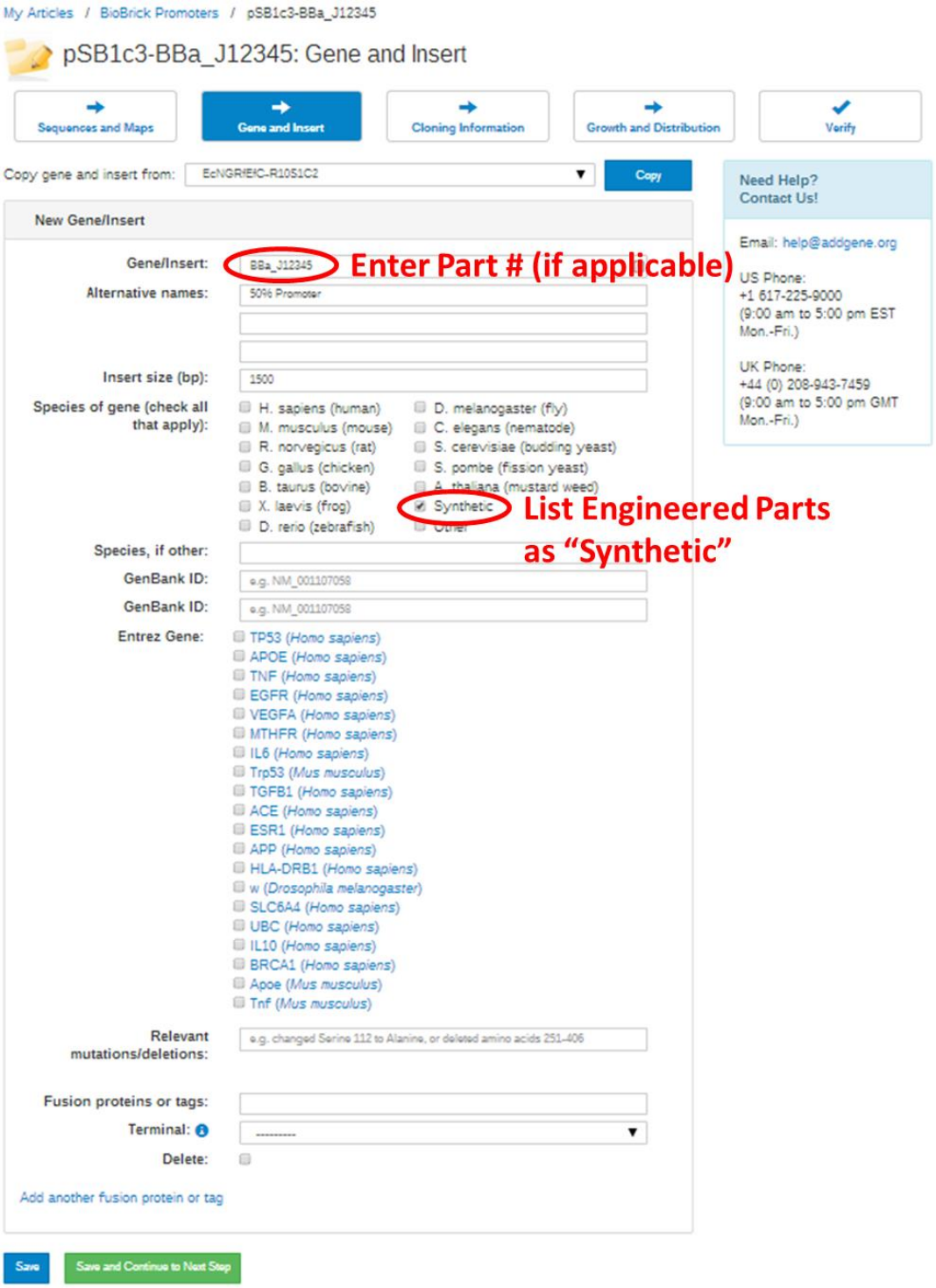
3. Enter the Data for Each Plasmid

Click on “Enter Data” for your first plasmid (see above). This will take you through the various data fields we collect for each plasmid. For each page of the deposit process (shown below), we have highlighted the fields which are most important for depositing SynBio parts.



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My Articles / BioBrick Promoters / pSB1c3-BBa_J12345

pSB1c3-BBa_J12345: Cloning

Sequences and Maps → Gene and Insert → **Cloning Information** → Growth and Distribution → Verify

Copy cloning information from: EcNGRfEfC-R10S1C2 ▼ Copy

Need Help? Contact Us!

Email: help@addgene.org

US Phone:
+1 617-225-9000
(9:00 am to 5:00 pm EST Mon.-Fri.)

UK Phone:
+44 (0) 208-943-7459
(9:00 am to 5:00 pm GMT Mon.-Fri.)

Vector Backbone Information

Vector Backbone:	pSB1c3
Backbone manufacturer:	IGEM
Backbone size w/o insert (bp):	2070
Total Vector Size (bp):	3570
Modifications to backbone:	

Vector type (check all that apply):

- ☐ Mammalian Expression
- ☐ Bacterial Expression
- ☐ Yeast Expression
- ☐ Worm Expression
- ☐ Insect Expression
- ☐ Plant Expression
- ☐ Mouse Targeting
- ☐ Lentiviral
- ☐ Retroviral
- ☐ Adenoviral
- ☐ AAV
- ☐ RNAi
- ☐ Cre/Lox
- ☐ CRISPR
- ☐ TALEN
- ☐ Luciferase
- ☑ Synthetic Biology
- ☐ Other
- ☐ Unspecified

Vector Type is "Synthetic Biology"

Vector type, if other:

Cloning Information

Cloning Information for Insert: BBa_J12345

Promoter:	None
Cloning method:	Restriction Enzyme
5' Cloning Site:	BioBrick Prefix
5' Cloning site destroyed?	not destroyed
3' Cloning Site:	BioBrick Suffix
3' Cloning site destroyed?	not destroyed
5' Sequencing Primer:	pBAD/forEco
3' Sequencing Primer:	L4440

Enter Assembly Standard Prefix/Suffix in Place of Restriction Enzymes (if applicable)

Save | Save and Continue to Next Step

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My Articles / BioBrick Promoters / pSB1c3-BBa_J12345

pSB1c3-BBa_J12345: Growth and Distribution

Sequences and Maps | Gene and Insert | Cloning Information | Growth and Distribution | Verify

Copy growth and distribution from: EcNGRfEfC-R10S1C2 ▼ Copy

Growth and Distribution

Bacterial resistance: Chloramphenicol ▼

Is this plasmid high or low copy? High Copy ▼

Growth strain: DH5alpha ▼

Growth temperature: 37°C ▼

Additional growing instructions:

Selectable marker (non-bacterial)

- ☐ Neomycin
- ☐ Puromycin
- ☐ Hygromycin
- ☐ Zeocin
- ☐ Blasticidin
- ☐ Gentamicin
- ☐ TRP1
- ☐ LEU2
- ☐ URA3
- ☐ HIS3
- ☐ Basta
- ☐ Other

Selectable marker, if other:

When expressed in bacteria, will plasmid produce anything known to be hazardous to humans or animals? No ▼

Are there any restrictions or other obligations related to this material that could affect Addgene's distribution to academic labs? No ▼

If YES, please explain:

If you did not originally clone this gene, please list from whom and where you received it.

Use Comments Field to Convey Other Important Information for Use of Your Part

Comments: Promoter strength measured against control plasmid pSB1c3-BBa_J00000 (Addgene Plasmid # 99999)

Notes or additional article references. These comments will appear publicly on Addgene's website.

Save | Save and Continue to Next Step

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