

Registry: Shipping Parts

iGEM 2010 spring workshop: US

May 22 – 23, 2010

Shipping a Part: Steps

- Verification
- Documentation
- Shipment
- Judging

Shipping a Part: Verifying your part

- Compatability
 - Must be compatible with RFC10 (Tom Knight BioBrick Standard)
 - Restricted sites: EcoRI, XbaI, SpeI, PstI
 - Biobrick prefix and suffix are NOT part of the part

Part:BBa_B0034



RBS

DNA Available

★ 1 Registry Star

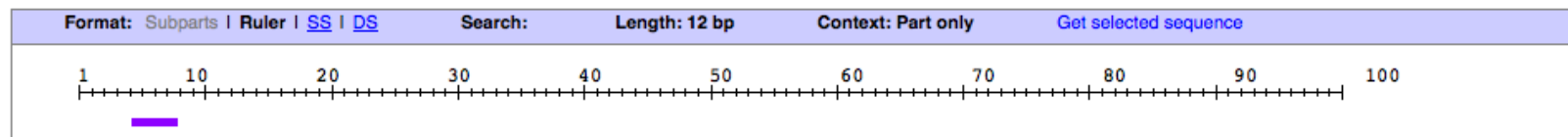
[Get This Part](#)

Designed by Vinay S Mahajan, Voichita D. Marinescu, Brian Chow, Alexander D Wissner-Gross and Peter Carr IAP, 2003. Group: Registry

RBS (Elowitz 1999) -- defines RBS efficiency

RBS based on Elowitz repressilator.

Sequence and Features



Assembly Compatibility: [10](#) [21](#) [23](#) [25](#)



Shipping a Part: Verifying your part

- Plasmid backbone
 - Must be in a Registry-supported plasmid backbone

• pSB1C3	• pSB1T3
• pSB1K3	• pSB1A3

Shipping a Part: Verifying your part

- Sequence analysis
 - Use the Registry sequence analysis tool
 - Link your analyses to your part for others to see

Sequence Analysis

This tool is used to compare several sequencing reaction results to the expected sequence of a part.
The Registry Blast database was last updated on Thu May 6 03:26:00 2010. ([Update now](#))

Current Sequence Analysis

QC10 Plate 1245, Well 49131	vinoo	2010-04-27
Linked to sample: Library: Spring 2010 Source Plates , Plate: S10 Source Plate 3001 , Well: 1G		
Target part: BBa_B0034 (length: 12bp)	Linked to part info page	

B0034



Shipping a Part: Documenting your part

- As-you-go
- Good examples
 - BBa_E0040
 - BBa_J58105
- Categories
 - Add your own

Shipping a Part: Steps

- Verification
 - RFC10 compatibility
 - Shipping plasmid backbone (as opposed to other plasmid “types”)
 - Sequence analyses
- Documentation
 - Categories
- Shipment
 - Online submission form
 - Sample format
 - Tracking number
- Judging
 - Favorites
 - Group parts tag
 - Documentation

After iGEM

- Labs and Courses
 - Ung.igem.org
- Publicity and Publications
 - Institution of Engineering and Technology (IET)
 - Institute of Biological Engineering (IBE)
- iGEM Alumni Association
- iGEM 2011
 - Regions!