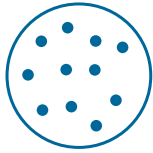


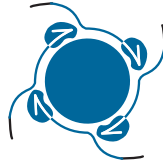
Screening for positive clones? Save time and money for your lab with GENEWIZ's streamlined Sanger sequencing to plasmid DNA preparation workflow, starting directly from your bacterial clones.

Workflow



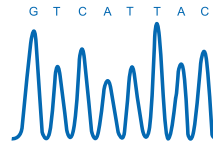
Step 1

Conduct in-house experiments and submit agar plates to GENEWIZ



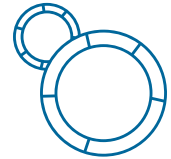
Step 2

GENEWIZ performs direct colony sequencing from bacterial clones



Step 3

Sanger data is available within 24-36 hours; review data and select positive clones



Step 4

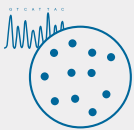
GENEWIZ performs plasmid DNA prep on selected clones within 2-3 business days

Features and Benefits

- ✓ Work with one provider throughout your screening process
- ✓ Save time and money for your lab
- ✓ Place orders seamlessly across multiple services using our new ordering interface
- ✓ Turnaround time starts at 3 business days

Individual Service Details

Direct Colony Sequencing



Utilizes rolling circle amplification to enable Sanger sequencing of bacterial clones without the need for plasmid preparation.

Turnaround Time: 24-36 hours

Starting Materials: Bacterial colonies, glycerol stock, phage supernatant/plaque

High Quality: >600 bases of Phred20 reads

Learn more at genewiz.com/Direct-Colony-Seq

Plasmid DNA Preparation



Delivers high quality DNA from a variety of starting materials. Project customization available with various add-on service and analysis options.

Turnaround Time: Starting at 2-3 business days

Starting Materials: Bacterial colonies, DNA, glycerol stocks

Scales: Mini to Giga

Learn more at genewiz.com/Plasmid-DNA-Prep

How to Order



Direct Colony Sequencing

1. Login or create a GENEWIZ account at genewiz.com
2. Select “Bacterial Colony” as your starting material under the Sanger sequencing section



3. Fill in all the required fields and select “Save for Prep” – this indicates you would like to save your colonies for a future plasmid DNA preparation order

Note: Bacterial colonies selected to 'Save for Prep' are stored for a maximum of 20 days (4 calendar weeks) from the date of sample receipt at GENEWIZ.



Plasmid DNA Preparation

1. Login to your GENEWIZ account and select “View Results” for your bacterial colony sequencing order

Order Date	Tracking #	Order Name	Project Name	Service Line	Service Type	Priority	Qty	Order Status	Action
5/17/2018 2:53 PM	30-44085418	Test 1		Plasmid DNA Prep.	Standard Prep	Standard	3	Draft	Complete Draft
11/10/2017 3:19 PM	30-41540548	Test 2		Sanger Sequencing	Bacterial Colony	Standard	56	Completed	View Results
11/9/2017 6:25 PM	30-41287033	Test 3		Plasmid DNA Prep.	Standard Prep	Standard	4	Processing	Summary

2. After reviewing your results, check the boxes affiliated with samples that identified positive clones
3. Click “Submit Prep Order” button on the right-hand side of the page

Submitted Samples Results

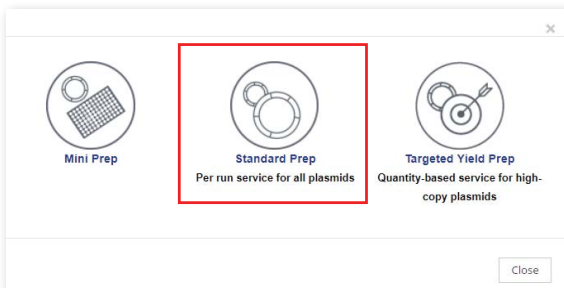
Tracking Number 30-41540548

Note: All Sanger Sequencing Results are accessible for 2 years after which time the data will no longer be available

Submit Repeat Request Reorder Sequencing **Submit Prep Order**

Reaction	Tube	#	Sample	QS	CRL	Failure Cause	Seq File (=Fasta File)	Trace File	Phd.1 File	Repeat	Sample Status
<input type="checkbox"/>	AB01	AB1	1	Test 1	50	1019				Please Select...	
<input checked="" type="checkbox"/>	AB02	AB2	2	Test 2	49	1017				Please Select...	
<input checked="" type="checkbox"/>	AB03	AB3	3	Test 3	50	1016				Please Select...	

4. Choose your desired DNA preparation service (i.e. Mini Prep, Standard Prep, or Targeted Yield Prep)



5. Sample name, sample type, samples at GENEWIZ, and tracking number will auto-populate into the DNA preparation order form

6. Fill in the remaining required order information and optional customization and analysis fields to complete your order

Solid science.
Superior service.

CONTACT GENEWIZ:
Ph.D. experts available to discuss your project.



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