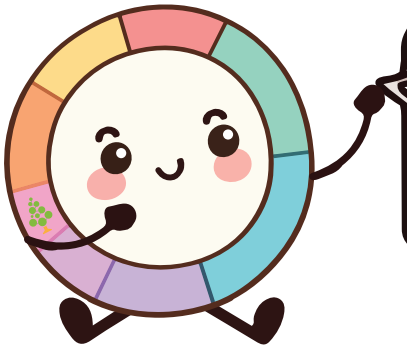
IT'S A BONUS BASH!

Brother Plasmy has a little something for your research...

1st BASE
YOUR RESEARCH, OUR BUSINESS



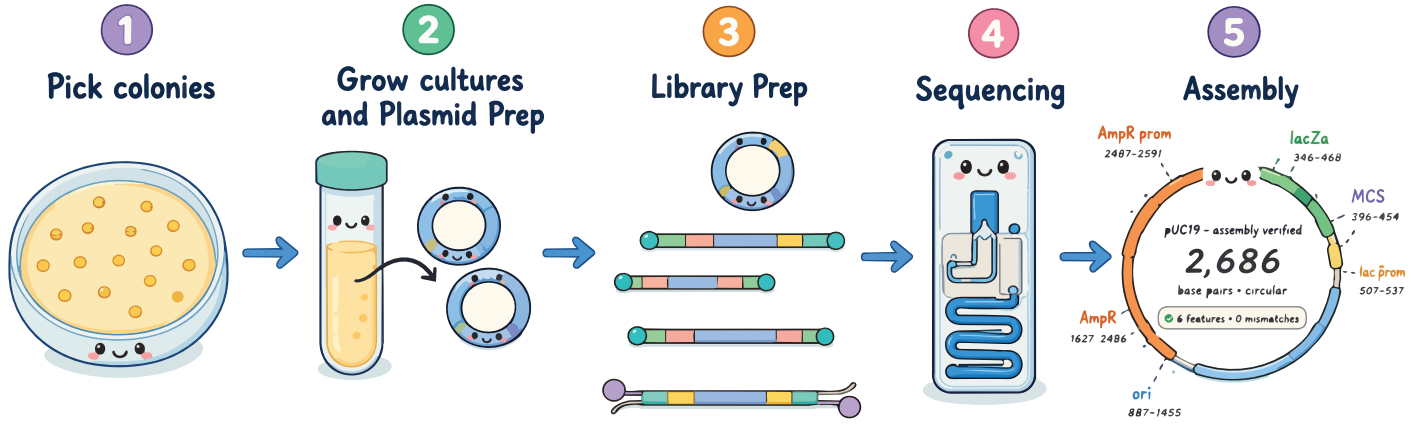
More Free Reactions?
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50+10 FREE
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Offer ends 31st December 2026. Contact your Product Specialist to enjoy this offer.

WHOLE PLASMID SEQUENCING

Complete plasmid verification with long-read sequencing in a single run.

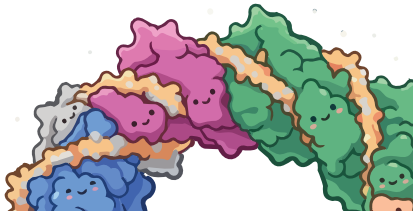


Why 1st BASE?

Complete Plasmid Coverage	Verify your entire plasmid in a single sequencing run.
Fast Turnaround	Get your sequencing results within 24 hours.
No Primer Design	Skip the hassle of designing multiple sequencing primers.
Ready-to-Use Results	Receive comprehensive sequencing data and analysis for confident plasmid verification.

Everything You Need. In One Run.

Full Plasmid Sequence	Complete sequence coverage for comprehensive plasmid analysis.
Long-Read Data	Reads spanning several kilobases for structural and sequence analysis.
Omics Lab Access	Review and explore your sequencing results on the Omics Lab bioinformatics platform.
Multiple Data Formats	FASTQ • Consensus FASTA • Annotated GenBank • Plasmid Map • QC Report



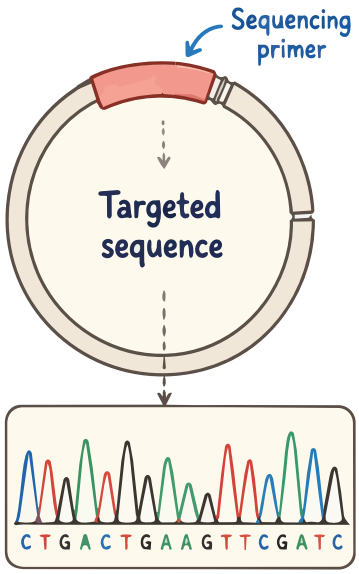
+65 6775 7318 ngs@axilscientific.com /AxilScientific www.axilscientific.com Live Chat!

One Plasmid. Two Ways to Sequence.

From Sequence Confirmation to Structural Verification, See the Complete Picture of Your Plasmid.

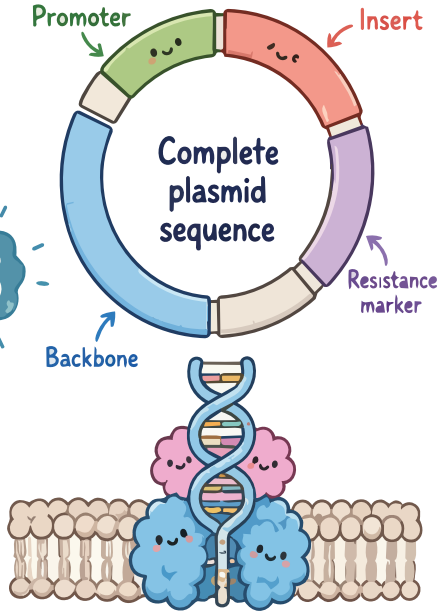
Sanger Sequencing

1. Requires a primer
2. Reads one region
3. Typically up to ~1,000 bp
4. Best for targeted confirmation



VS

Whole Plasmid Sequencing



1. No sequencing primer required
2. Covers insert and backbone
3. Detects mutations and rearrangements
4. Best for complete construct verification

Sanger checks a selected region.
Whole plasmid sequencing verifies the complete construct.

Sample Submission Guideline

Plasmid Size	Concentration	Volume
⩽ 10 kb	⩾ 20 ng/µl	⩾ 20 µl
10-20 kb	⩾ 30 ng/µl	
⩾ 20 kb	⩾ 40 ng/µl	

Purity: A260/280: 1.8–2.0 | A260/230 ⩾ 2.0

For other sample submission requirements or enquiries, please contact us.

Ready to verify your plasmid?

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