

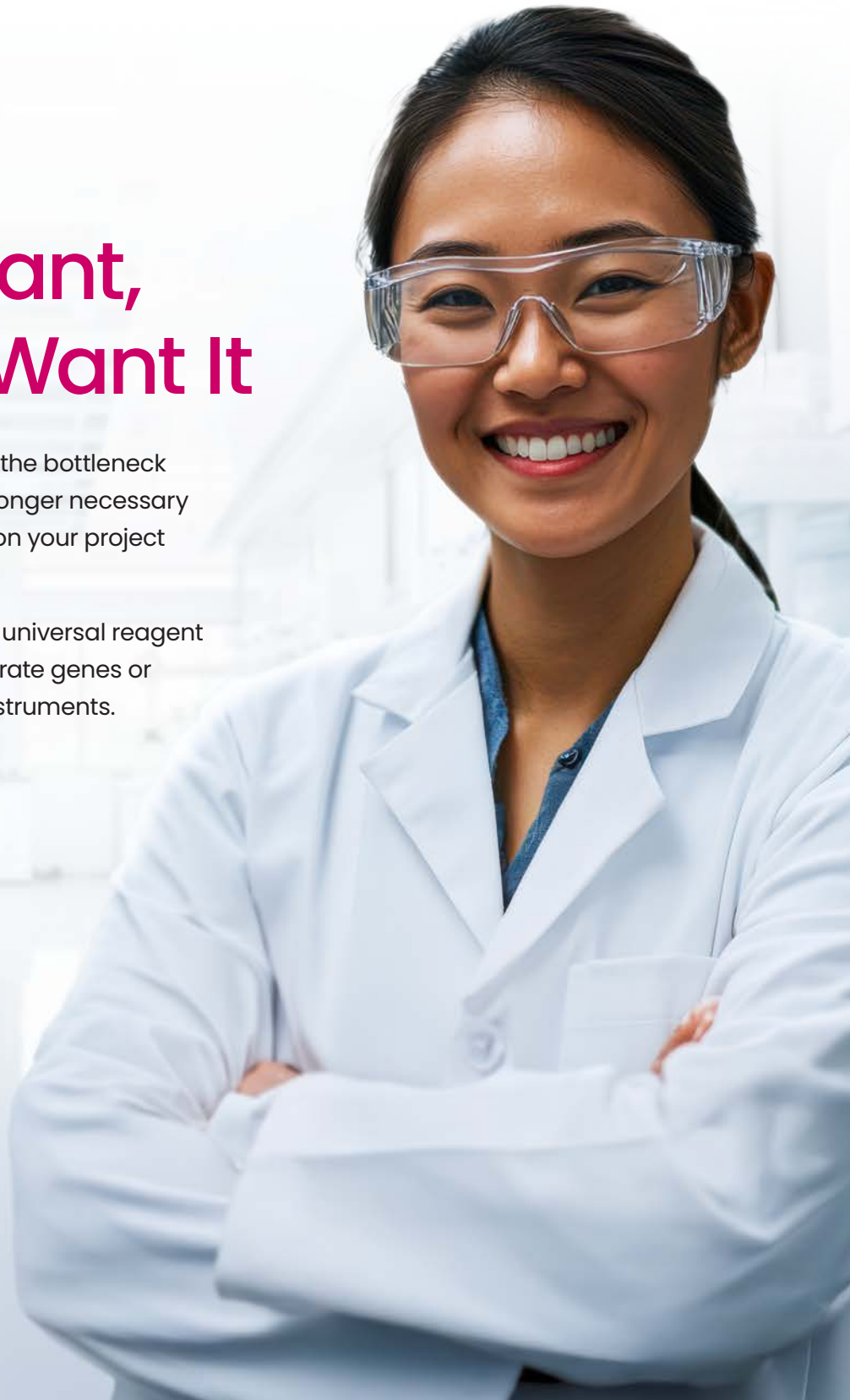


Gibson SOLA® Platform

Make The DNA You Want, When You Want It

The Gibson SOLA Platform eliminates the bottleneck created by service providers. It is no longer necessary to wait for a service provider to work on your project and hope it doesn't fail.

The Gibson SOLA Platform consists of universal reagent building blocks and software to generate genes or mRNA on standard liquid handling instruments.



The Gibson SOLA Platform is a 'digital to biological converter' that generates uniquely high-quality DNA and RNA daily in your lab.



Move more quickly:

Generate DNA or mRNA overnight, eliminating delays from service providers.



Be informed

With onsite synthesis in your own lab, gain full visibility into status and expected time to completion.



Make what you need

Stop wasting time waiting days or weeks to receive a quote from your service provider.

How is Gibson SOLA >93% faster than service providers?

The Gibson SOLA Platform integrates advanced automation tools and software to enhance your DNA and mRNA synthesis workflows.

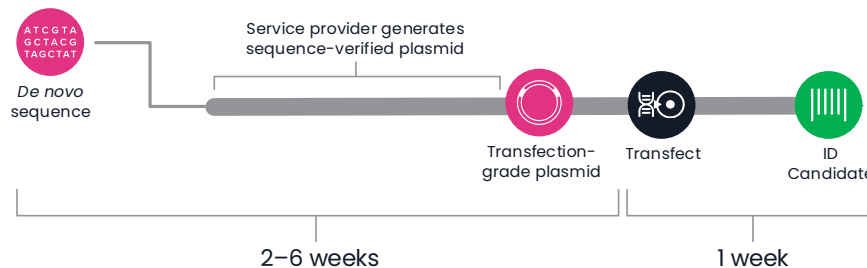
Build in blocks: The Gibson SOLA Platform builds DNA and mRNA in blocks rather than one base at a time.

Fidelity: High fidelity increases full-length sequences, minimizing the need to re-synthesize.

Automation: Automation-friendly workflows enables synthesis to be scheduled overnight, freeing time for other activities.

1a

Historical workflow (service provider)



1b

Gibson SOLA workflow

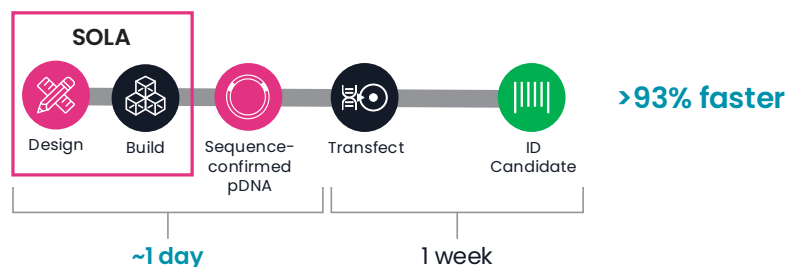


Figure 1. Complete projects more quickly. Eliminate bottlenecks and reduce dependence on external providers by building biology overnight. Historically, service providers can require up to 6 weeks to prepare transfection-grade plasmids (1a). The Gibson SOLA Platform generates pDNA in 1 day (1b).

Innovation on your terms: eliminate barriers to progress.

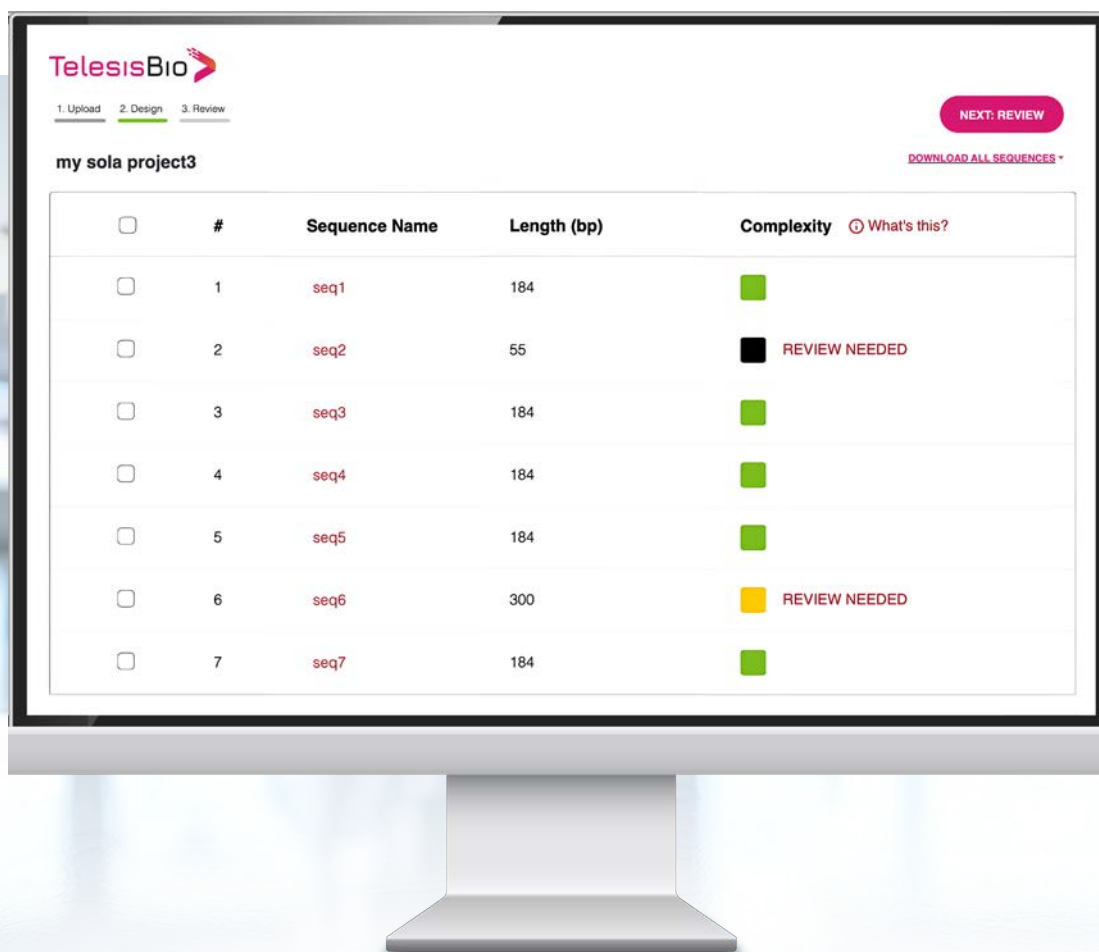
Scale as needed: Generate 10's to 100's of kb of >80% full-length DNA or mRNA.

Budget wisely: Stop paying for required purification upgrades from service providers.

Be efficient: Make what you need, not what a service provider will agree to make for you.

Smarter sequence design, uniquely high quality.

Every uploaded sequence is automatically assessed for potential assembly issues using advanced predictive models. Sequences highlighted in green meet a 95% predicted success threshold—giving you high confidence right from the start. If a sequence doesn't meet this benchmark, you can either optimize it instantly with a single click or proceed with manufacturing as-is. The Gibson SOLA Platform keeps you in full control of your designs every step of the way.



<input type="checkbox"/>	#	Sequence Name	Length (bp)	Complexity What's this?
<input type="checkbox"/>	1	seq1	184	■
<input type="checkbox"/>	2	seq2	55	■ REVIEW NEEDED
<input type="checkbox"/>	3	seq3	184	■
<input type="checkbox"/>	4	seq4	184	■
<input type="checkbox"/>	5	seq5	184	■
<input type="checkbox"/>	6	seq6	300	■ REVIEW NEEDED
<input type="checkbox"/>	7	seq7	184	■

Figure 2. Smarter sequence design. A predictive success metric is provided for each sequence prior to initiation of DNA synthesis.

What could you build with uniquely high-quality DNA?

Determine how Gibson SOLA could empower your team with a personalized 1:1 consultation.

Meet with our experts to determine how Gibson SOLA could help you build what you want, when you want it.

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