

DNA SCRIPT



**Own the capability -
eliminate uncertainty**

Empower your projects with
in-house DNA synthesis

SYNTAX
You design it. You run it. **You own it.**

When your oligos depend on others, so does your progress.

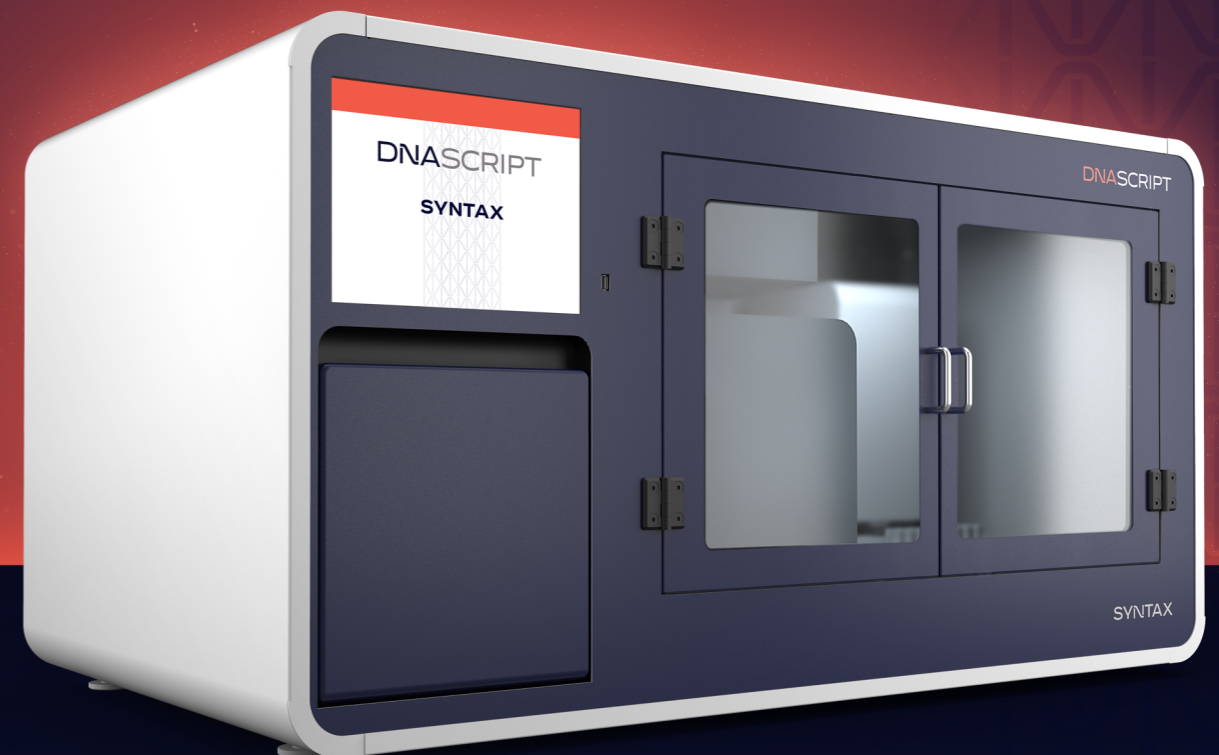
- ✗ Outsourced synthesis introduces uncertainty in timelines, quality, and confidentiality
- ✗ Supply chains can falter
- ✗ External dependencies limit your ability to iterate quickly
- ✗ Outsourcing means handing over your sequences — and your control



What if you could remove the uncertainty in your oligo supply and increase productivity?

SYNTAX puts oligo synthesis directly in your hands

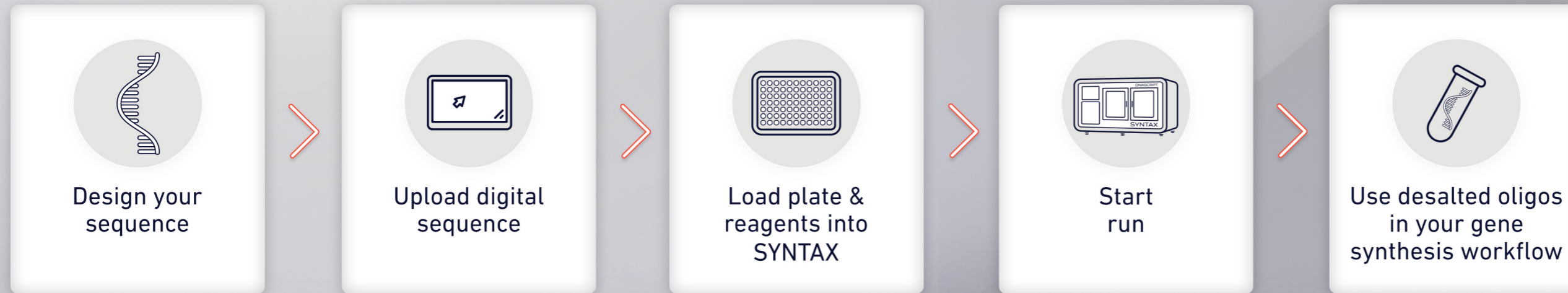
- ✓ Produce high-quality ssDNA, up to 120mer, overnight, right in your lab
- ✓ Eliminate vendor risk, lead-time delays, and confidentiality concerns
- ✓ Iterate as quickly as your projects or customers demand
- ✓ Produce quality oligos with confidence utilizing proven and safe enzymatic synthesis



**With SYNTAX:
you design it, you keep it, you run it**

SPEED

Expeditious by design



Eliminate supplier delays and enable daily iteration and faster project cycles



“A major bottle neck in executing synthetic biology workflows is the time delay in obtaining synthetic DNA from commercial suppliers. The exciting new SYNTAX platform allows us to synthesize DNA on demand, which not only speeds up our internal design-build-test-learn cycle but allows us to control our own workflow and maximize access to our synthetic biology design space.”

Paul Freemont PhD,
Head of Structural and Synthetic Biology
and the London Biofoundry at Imperial College London

Your oligos, ready when you are.

Produce high-quality ssDNA **overnight**,
up to 120mer - **directly in your lab.**

RELIABILITY

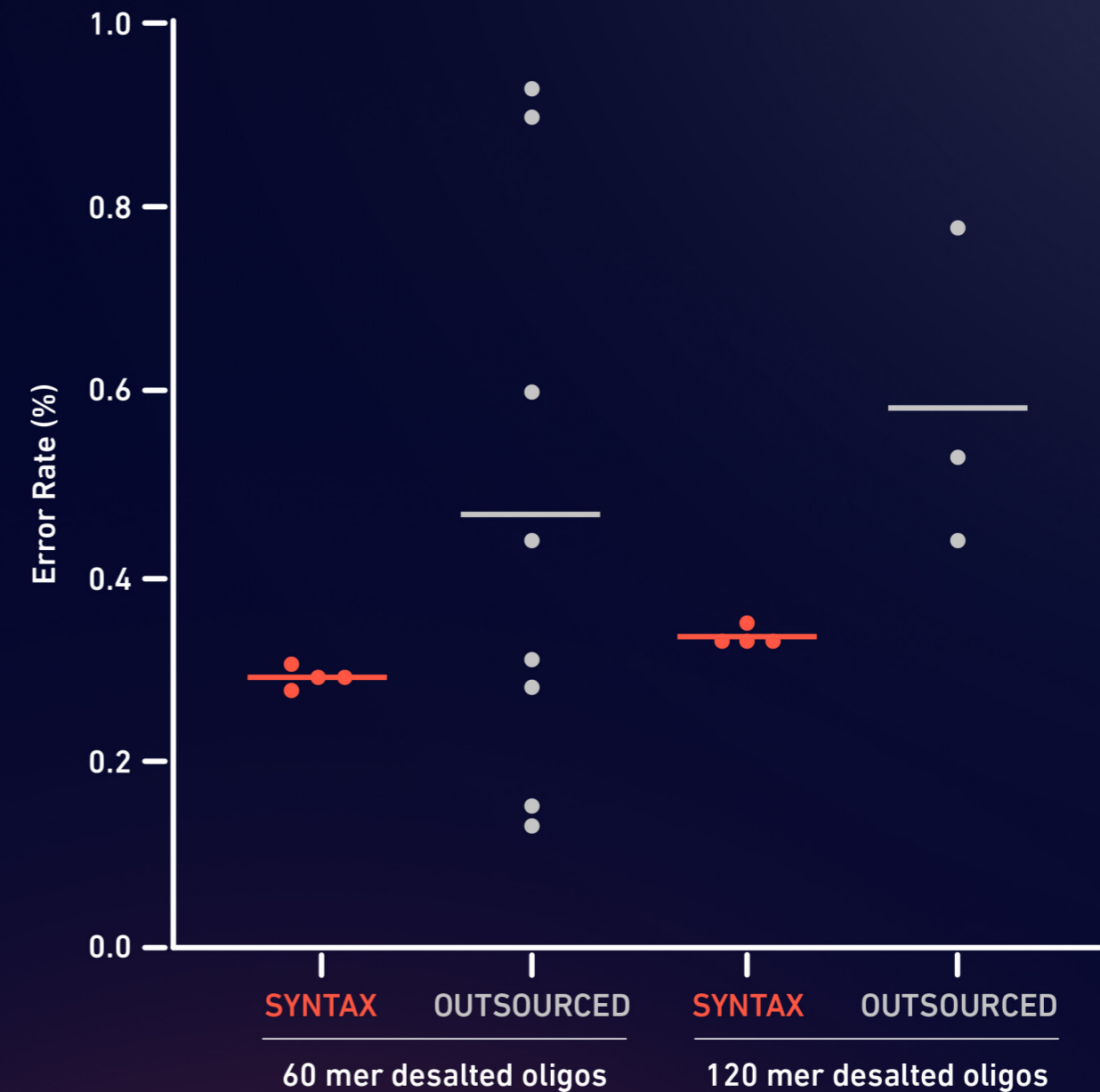
Reliable by nature

Quality you can trust - every run, every oligo

- ✓ Powered by proven, safe enzymatic DNA synthesis
- ✓ Validated by advanced sequencing to confirm accuracy on par with outsourced providers
- ✓ Consistent yields and performance, run after run



Error rate % comparison



- ✓ Validated using advanced sequencing methods to determine error rate per position
- ✓ While external vendor error rates vary, SYNTAX error rates are consistent for every run, every length

**Get oligos that you can trust
- every run, every time.**

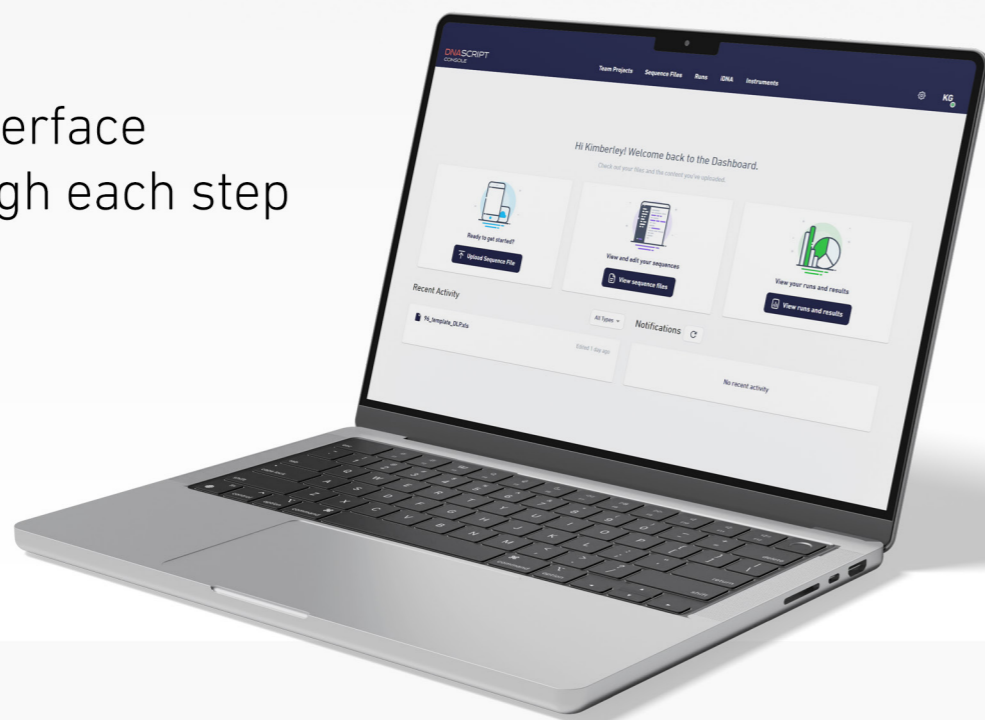
EASE OF USE

Effortless by experience

Designed for ease, from workflow to output

Software

Intuitive user interface walks you through each step



Kits

Easy-to-handle reagents, with no specialized training required



System

Automated system with minimum hands-on time

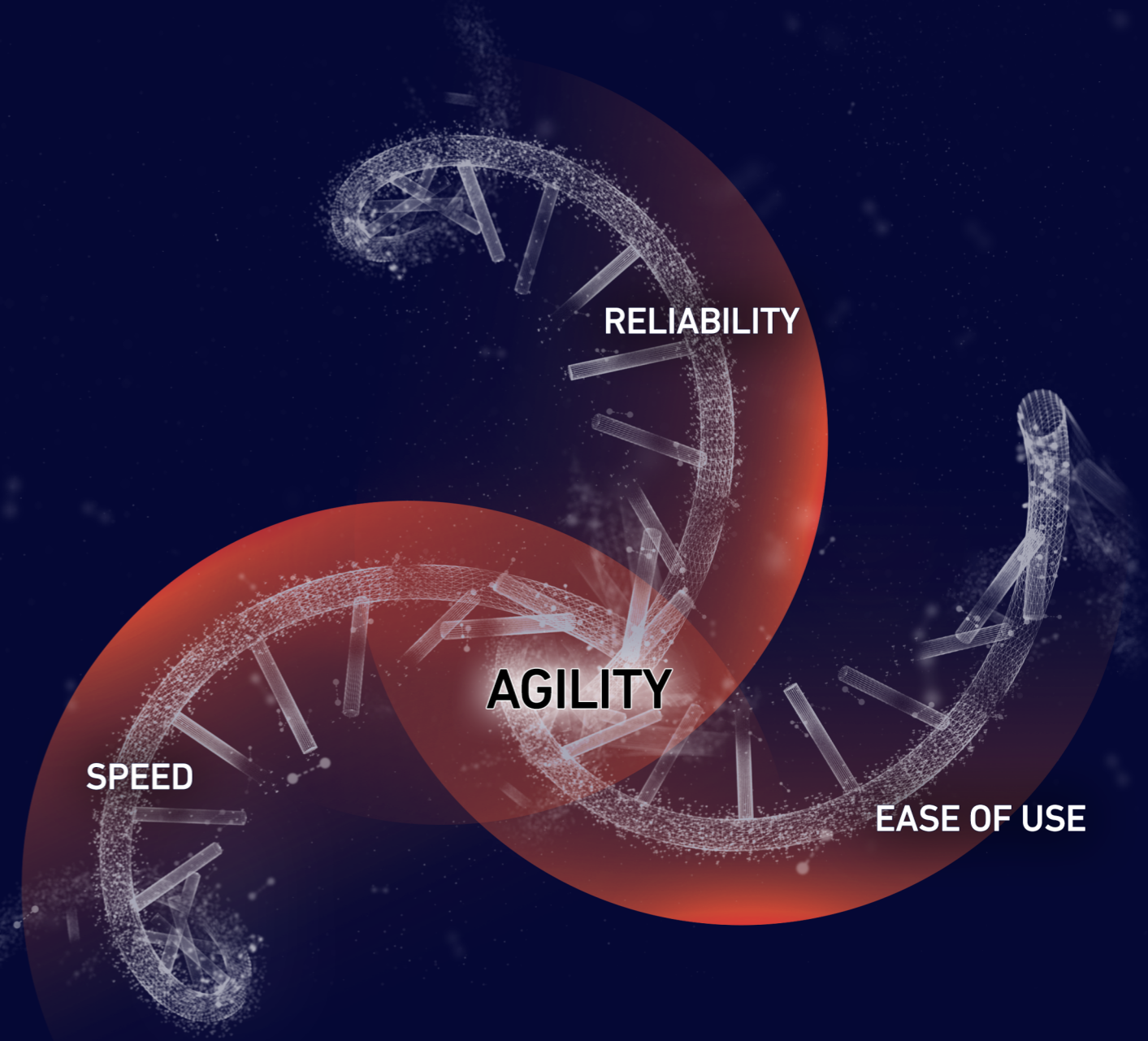


A SYNTAX kit designed for your application needs

	96-WELL PLATE STANDARD RUN KIT CAT. NO. 101869	96-WELL PLATE HI-FIDELITY RUN KIT CAT. NO. 101868	384-WELL PLATE HI-PLEX RUN KIT CAT. NO. 102223
Intended use	General genomics (qPCR, NGS, etc)	Gene synthesis Protein mutagenesis	HT Gene synthesis HT protein mutagenesis
Oligo length	15 – 80 nt	15 – 120 nt	15 – 80 nt
Oligos per run	96	96	384 (60 nt) 288 (80 nt)
Quantity	≥ 500 pmol	≥ 200 pmol	≥ 80 pmol
Error rate per position	< 0.6%	< 0.4%	< 0.5%
Run time full plate	< 24 hrs	< 24 hrs	< 24 hrs
Workflow automation	Fully automated (synthesis and desalting)	Fully automated (synthesis and desalting)	Fully automated synthesis Semi-automated desalting
Available options	LABELS Fluorophores / Quenchers Biotin Degenerate bases	Degenerate bases	None
Minimum guaranteed shelf life	6 months	6 months	6 months
S/nt (incl. price of synthesis kit)	\$0.15	\$0.19	\$0.11

Designed for labs who require reliability, speed, and ease

SYNTAX gives labs the ability to respond faster, iterate with confidence, and eliminate uncertainty from their workflows.



Find your kit

Scan the QR code to view product sheets

Are you ready to bring DNA synthesis in-house?

See how SYNTAX delivers independence, agility, and confidence — overnight.

DNA Script SAS

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DNASCRIPT

Find out more at dnascript.com