DNASCRIPT

GULF SCIENTIFIC CORPORATION



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

Design your sequence

Upload digital sequence

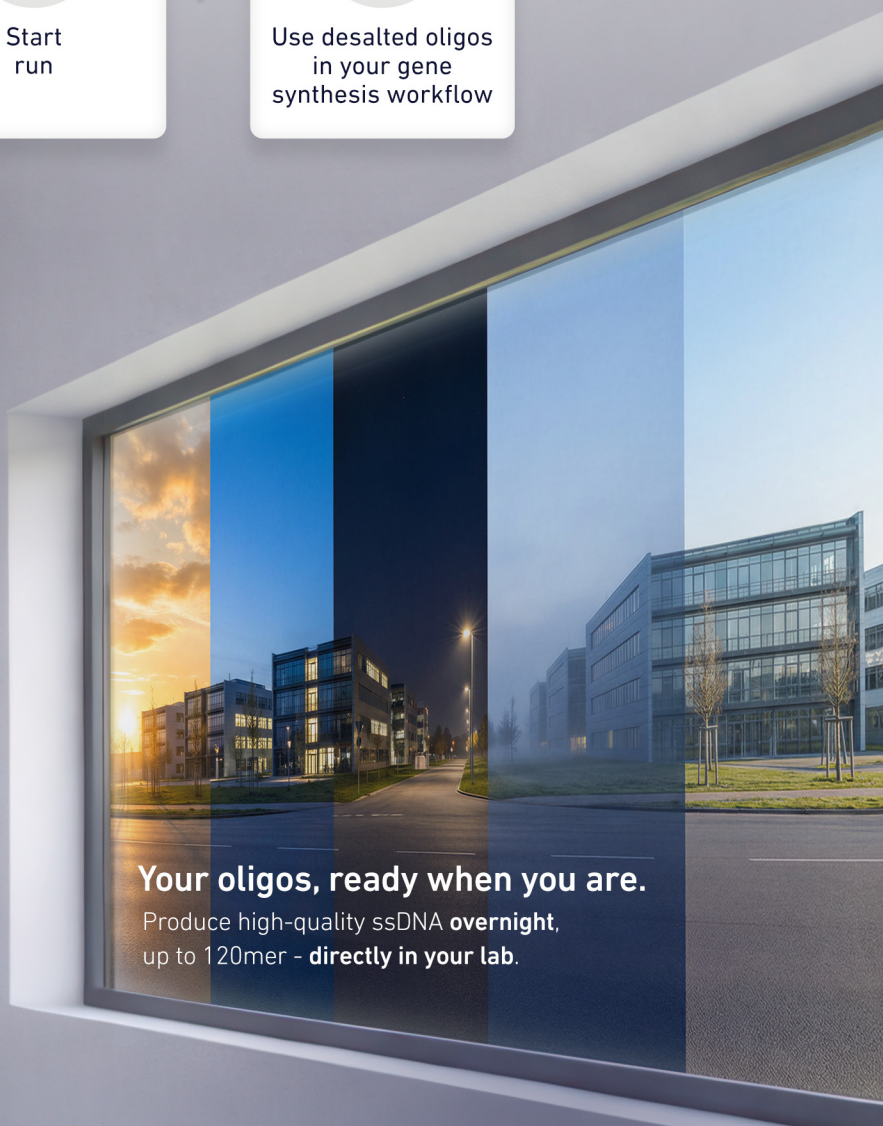
Load plate & reagents into SYNTAX

Start run

Use desalted oligos in your gene synthesis workflow

"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

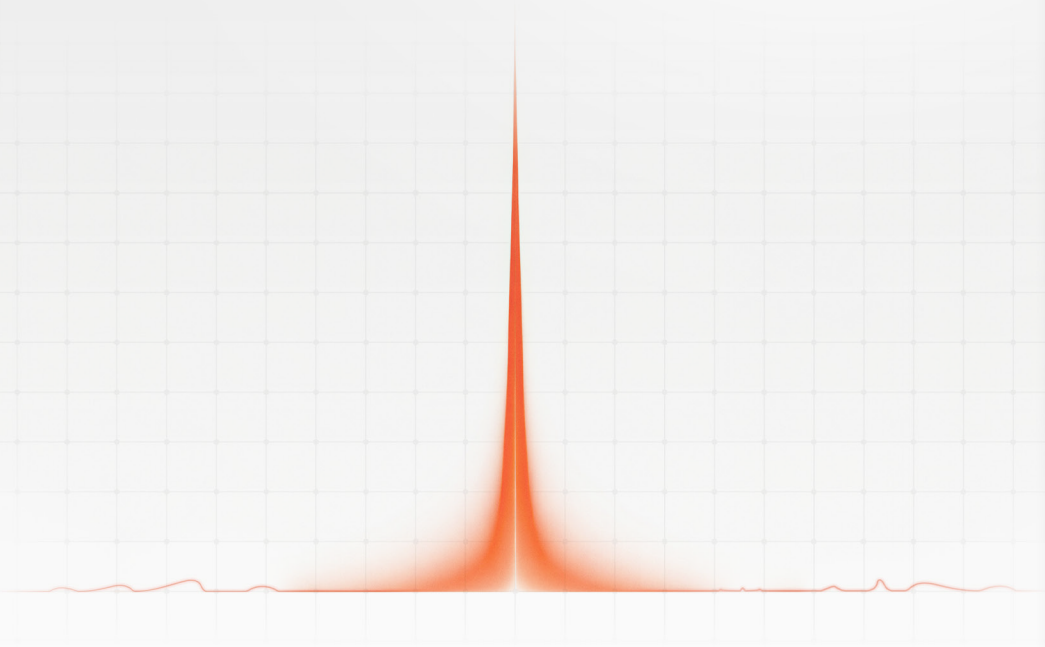


RELIABILITY

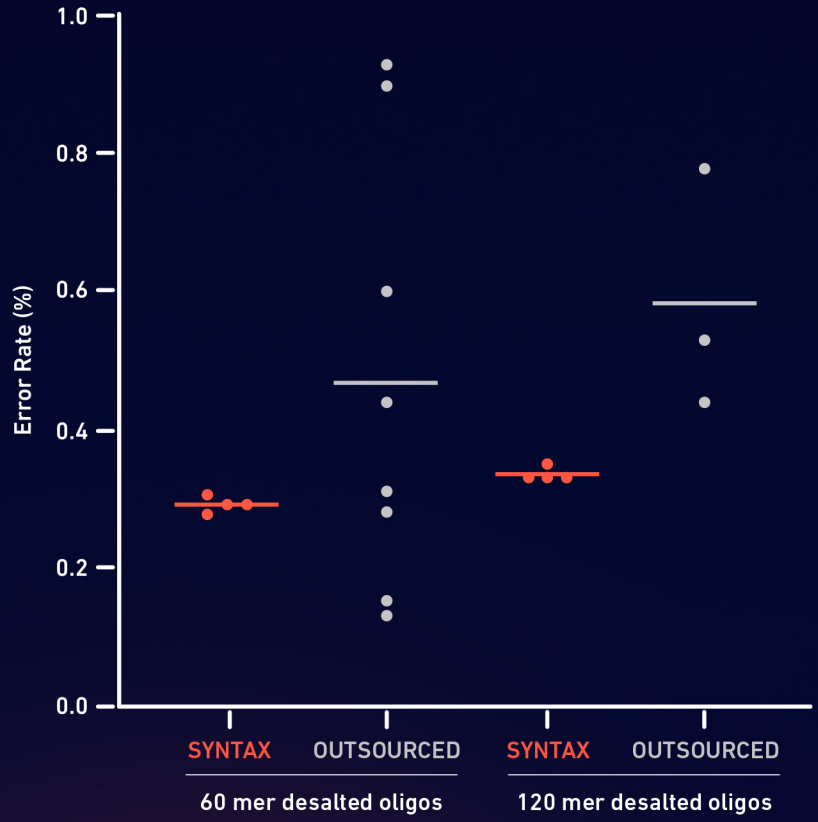
Reliable by nature

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.

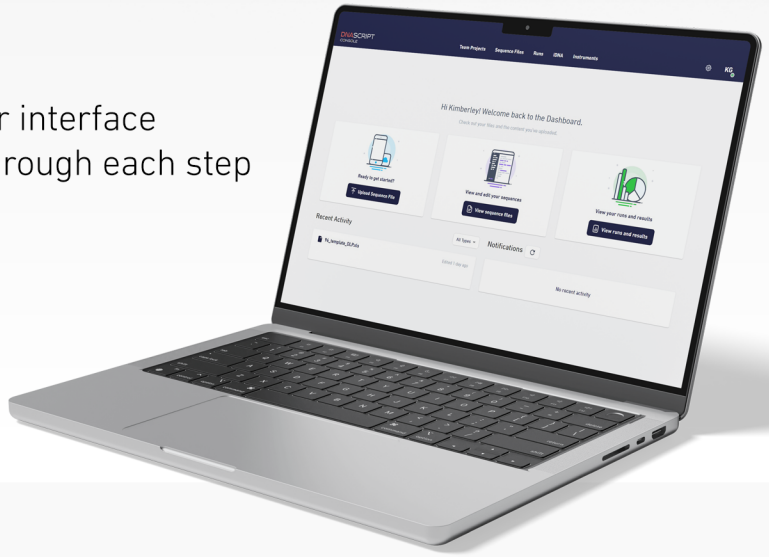
EASE OF USE

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

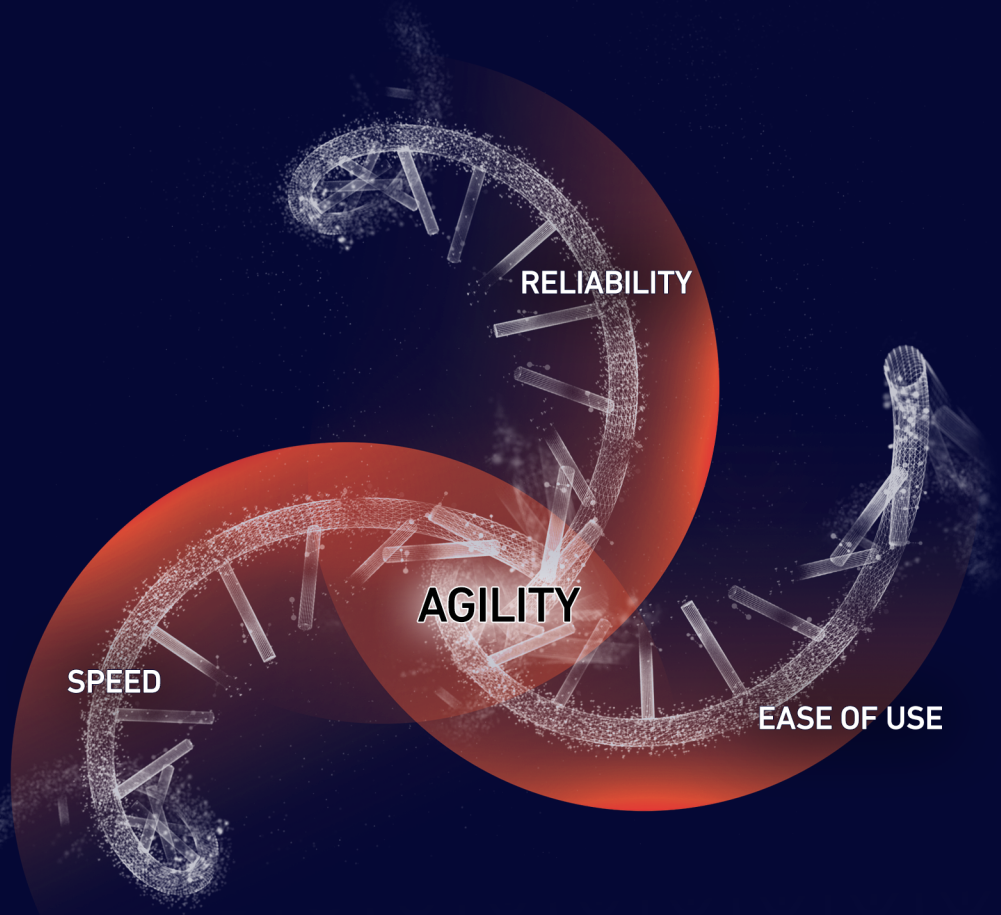
	96-WELL PLATE STANDARD RUN KIT CAT. NO. 101869	96-WELL PLATE HI-FIDELITY RUN KIT CAT. NO. 101868	384-WELL PLATE HI-PLEX RUN KIT CAT. NO. 102223
Intended use	General genomics (qPCR, NGS, etc)	Gene synthesis Protein mutagenesis	HT Gene synthesis HT protein mutagenesis
Oligo length	15 – 80 nt	15 – 120 nt	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

Find your kit

Scan the QR code to view product sheets

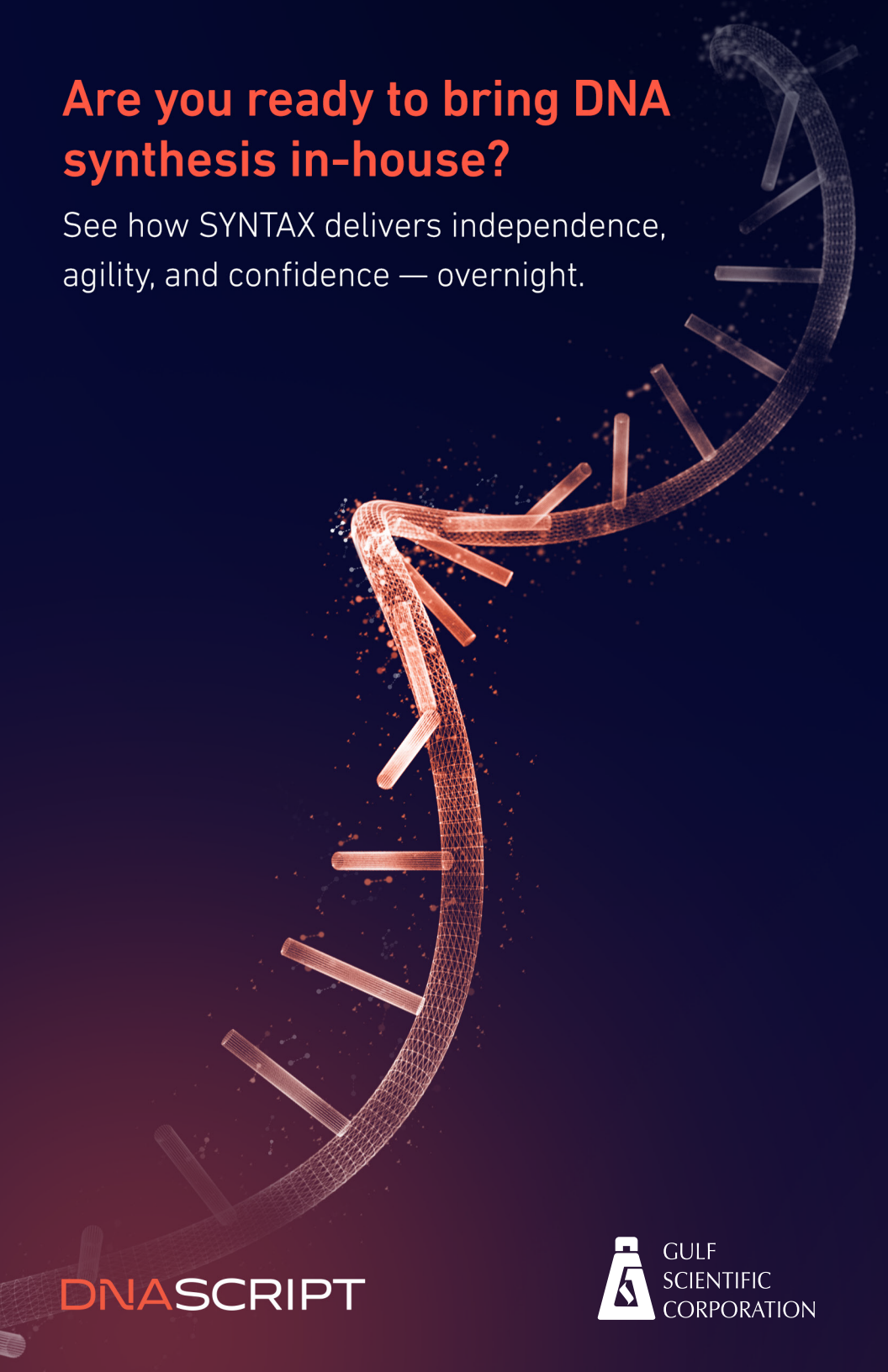
Designed for labs who require **reliability**, **speed**, and **ease**

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



Are you ready to bring DNA synthesis in-house?

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



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