



**instance DNA pools**  
One product for all of your DNA  
synthesis needs at scale

March 2025 >



Scaling DNA synthesis is perhaps the foremost bottleneck in the industry.

instance has built the first massively-parallel DNA synthesis technology that is length extensible and sequence agnostic.

We are shipping one product for all your DNA synthesis needs at scale.

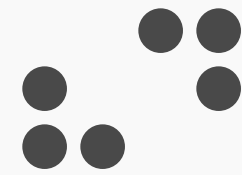


We are here to transform the fundamentals.  
Unbounded pools of linear dsDNA



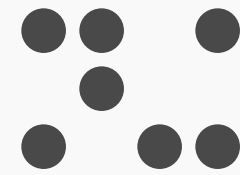
#### length

fragments of any length from tens of nucleotides to 2050nt can be included in a given pool



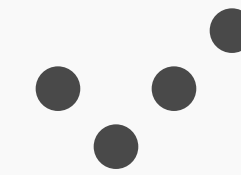
#### pool size

no limitation on number of unique fragments in a pool, can extend to tens and hundreds of thousands



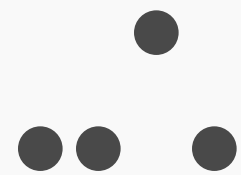
#### diversity

unrestricted sequence diversity within a pool



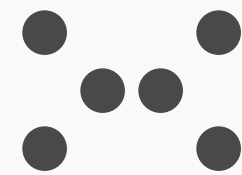
#### NGS verified

every DNA pool gets deep-sequenced and shipped with detailed QC reports at the fragment level



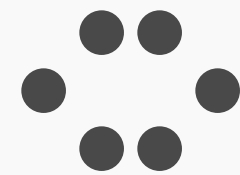
#### skew

synthesis with only one log distribution of fragment abundances within the pool



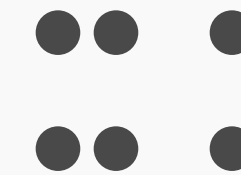
#### error-rate

production error-rate of 1:2400, evenly distributed throughout the fragment



#### yield

shipped in the order of 500ng of DNA per pool



#### turnaround

<550 nt ships in 2-4 weeks  
>550 nt ships in 4-6 weeks



## Place an order

Unbound pools of dsDNA >

1  
Send us your sequences

Download the [order template spreadsheet](#), enter your sequences and email back to [orders@instance.bio](mailto:orders@instance.bio)

2  
Receive a quote

We will get back to you in one business day with a quote.

3  
Get DNA in as little as 10 business days

Your order will be shipped in 2-4 weeks (< 550 nt) or 4-6 weeks (> 550 nt) along with a deep-sequencing QC report at the fragment level

Schedule a call with us to discuss further

[Check availability](#) >

Send your inquiries to  
[orders@instance.bio](mailto:orders@instance.bio) >

How it works