

Precise Synthetic Oligo Pools

Superior accuracy and uniformity provides faster identification of your hits with minimal screening



Semiconductor-based electrochemical chip oligo synthesis platform allows precise synthesis of thousands of oligos simultaneously on a coverslip-sized chip. Electronic control of synthesis ensures only the sequences you designed are represented, leading to faster identification of hits and reducing the screening burden.

Oligo Pool Service Key Advantages



Flexibility for Your Application

Create any size pool with two chip sizes



High Screening Efficiency

>99% sequence coverage rate



Low Batch Variations

More confidence in your results

Quality Control

- ✓ Purity and yield tested by UV full spectrum analysis
- ✓ **NEW** - Guaranteed final yield of synthesized oligos



Service Specifications

Chip Size	Oligo Length (Bases)	Number of oligos per chip	Turnaround Time
12K	10 – 170	12,472	Fast as 5 business days
90K		92,918	1-2 weeks

Combine chips to create any pool size imaginable!

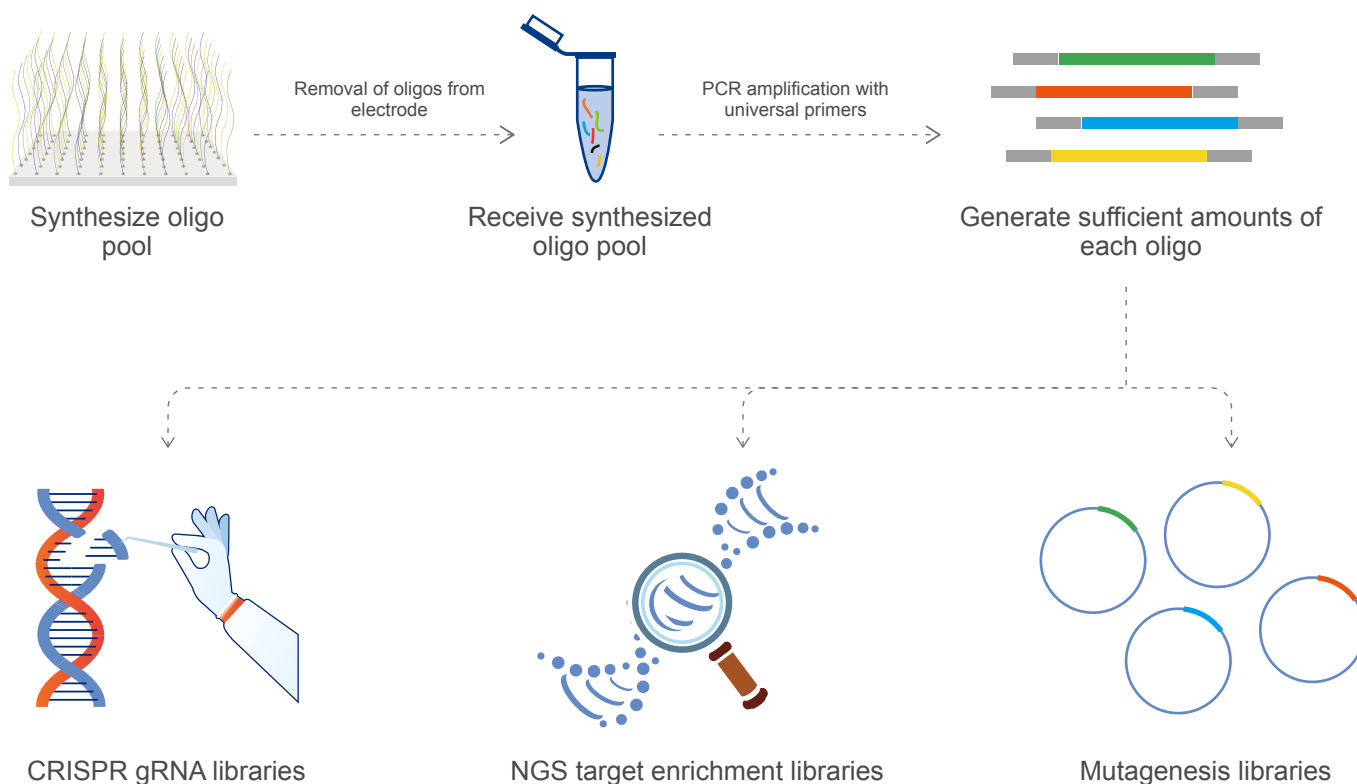
Please contact us for pricing at:

Email: oligo@genscript.com

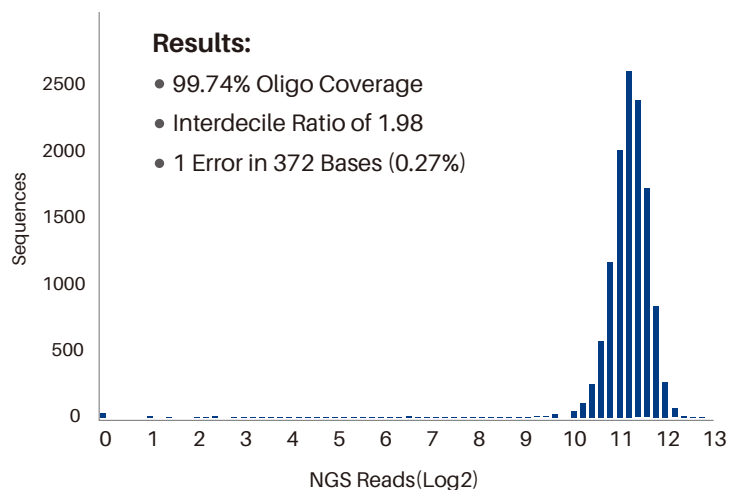
Phone: 1-877-436-7274 (Toll-Free); 1-732-885-9188



How to Handle Oligo Pools for Your Applications



NGS Verification of Oligo Pool Quality



Distribution of a 12,000 125 mer oligo pool. Post synthesis, oligo pool was amplified and NGS analysis was performed via Illumina Hi-Seq.