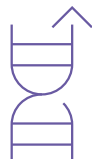


Synthesis Solutions




Synthesis Solutions for Virtually Any Project




LONG DNA FRAGMENTS

- Gene Fragments
- ssDNA




SPECIALTY SOLUTIONS

- mRNA Synthesis
- CRISPR gRNA
- Custom Antibodies
- Synthetic Libraries



PLASMIDS & PREPS

- Cloning Services
- Preps (mg to gram scales)
- AAV Synthesis
- Antibody



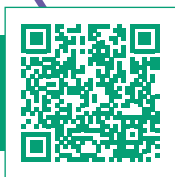
VIRAL PACKAGING

- AAV
- Lentivirus
- Baculovirus



DNA & RNA OLIGOS

- Overnight DNA Oligos
- Modified Oligos
- RNA Oligos



Discover our portfolio of synthesis solutions



Synthesis Solutions




The GENEWIZ Difference

- **Rapid, High-Quality Projects:** Oligos delivered next-day or clonal genes as fast as 5 days, 100% sequence fidelity, and rigorous project quality control
- **Consultative Experience:** Personalized support with a great depth of experience to guide research projects to success
- **Value Added Services:** 2-year free-of-charge product/vector storage, no additional fees for cloning into pUC or custom vector onboarding, bundled preps from ug to mg level
- **Proprietary Technology:** GENEWIZ from Azenta Life Sciences has over 20 years of process development in synthesis and sequencing, enabling creation of the most challenging constructs with a 99.9% project completion rate
- **Ph.D.-Level Scientist Support:** Eliminates errors in vector design, provides cloning design
- **Expertise in Omics:** Get more data for research decisions with genomics services such as Sanger sequencing and next-generation sequencing (NGS)

Superior Science

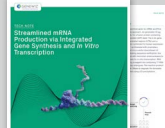
No matter your application, our technical literature details meaningful solutions to your research challenges. Below is a small selection of content; speak to your Azenta representative or [visit our website](#) to discover more.



High-Throughput, Mid-Scale Production of Recombinant Antibodies

CASE STUDY


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Streamlined mRNA Production via Integrated Gene Synthesis and *In Vitro* Transcription

TECH NOTE


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An Efficient and High-Fidelity Approach to AAV Plasmid Preparation

TECH NOTE


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Combinatorial Trimer Controlled Synthesis of Antibody Libraries

CASE STUDY


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Enhancing Protein Expression by Leveraging Codon Optimization

TECH NOTE

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***De Novo* Synthesis of a 150 kb Construct**

TECH NOTE

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