All Modifications & Oligo Types Synthesized

- Long oligos up to 250 mer
- Fluorescent Molecular Probes
- Ultra-Modified DNA, RNA, Chimeric, Fluorescent, and Antisense Oligos
- Specializing in the design and synthesis of challenging combinations of modifications

Gene Link: Results you can rely on.

Gene Detection Made Easy.

Gene Link is the leader in triple repeat disorder genotyping using non-radioactive based methods

We have more than a decade of expertise and have developed non-radioactive detection methods for safe, sensitive, and reliable genotyping of human genetic disorders.

Take a look at our simple agarose & polyacrylamide gel based systems, chemiluminescent Southern blot detection methods, and fluorescent systems for genotyping of triple repeat disorders.

Gene Link: Results you can rely on.

RNA interference

Specializing in the design & synthesis of siRNA, miRNA, siRNA-Aptamer & RNA oligos with challenging combinations of modifications

SmartBase™ siRNA modifications to specifically increase duplex stability, nuclelease resistance and cell permeation.

SmartSeed™ siRNA modifications that assist to minimize the off-target effects induced by seed region complementarity.

Guaranteed RNAi Explorer™ Simply give us the accession number and Gene Link designs, synthesizes and supplies 3 siRNA.

Gene Link: Results you can rely on.

Not every siRNA can effectively down regulate a gene. The process of RNA interference varies by individual and can result in non-silencing any interference at all.
I may be small, but I hope to play a big role in helping researchers develop targeted therapies to fight disease. I want to be part of something that advances human health. That’s why I’m beginning my journey with expression analysis.

Every specimen has a story. Let yours be heard at genomicknowhow.com
EVERYONE DESERVES
A CHANCE TO
BREAK THROUGH

Ion Torrent™ next-generation sequencing solutions make decoding genes faster, easier, and more accessible—bringing sequencing into more labs, in more places, and in more ways than ever before.

Start sequencing now at lifetechnologies.com/iontorrent
Check quantity AND quality of gDNA with one instrument.

The Fragment Analyzer™ Automated CE System

**The Past**

*Human genomic DNA. Traditional manual agarose slab gel shows intact gDNA in the second lane. Gel images in remaining lanes show varying levels of gDNA degradation.*

**The Future**

*Same sample of human gDNA, identical results.*

**Below:** Raw data is captured by automated capillary electrophoresis system, as seen in electropherogram overlay. >20,000 bp peak indicates intact gDNA on the upper-most trace.

**Above:** Data can then be processed and presented in a variety of ways, such as this digital gel image.

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**Fragment Analyzer™ Benefits**

- **No more pouring gels.** Automated simultaneous analysis of 12 or 96 samples.
- **Higher sensitivity than agarose gels.** Use small amounts of gDNA samples. (0.1 ng)
- **Ultra fast lower marker** (set to 1 bp) migrates faster than degraded gDNA for superior quality and quantity assessment.
- **Good sizing capability** to differentiate degraded, partially degraded or intact gDNA.
- **See RNA contamination** in gDNA extractions.

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