



# Exact Scientific Services Inc

## DNA SEQUENCING SERVICES ISO 17025 ANAB Accredited

### General Information

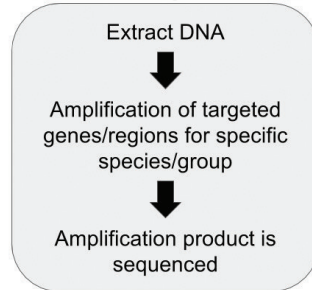
Exact Scientific Services offers DNA sequencing services using a non-targeted whole sample DNA sequencing technique, as well as traditional PCR-based methods depending on your needs. Next Generation Sequencing (NGS) technology allows us to sequence and analyze your samples accurately and with a fast turnaround time. Sample types we can provide services for include:

- Bacteria- single or co-cultures
- Environmental swabs
- Water metagenomics
- Naturally fermented or cultured products
- Botanical raw materials
- Seafood identifications

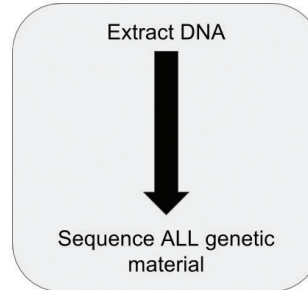
***\*\*This list is not comprehensive. If you have specific needs that would benefit from high-throughput DNA sequencing, we are willing to work with you to develop custom methods.\*\****

### DNA Sequencing Methods

Traditional Targeted Method



Non-Target Whole Sample



***The difference between traditional PCR-based and non-targeted whole sample methods***

### How Does It Work?

Our approach is to directly sequence DNA extracted from a sample, bypassing the traditional PCR amplification of targeted genes or regions within the DNA. The distinct advantage of this method is that well known problems with the amplification step, such as amplification bias and false positives, can be avoided.

An added advantage to the non-targeted approach is that trace contaminants and unexpected inclusions can be more easily discriminated from true adulterations. We have developed a proprietary data analysis pipeline to streamline identifications, utilizing this approach to ensure accuracy.

### Contact Us For Services & Pricing

**Exact Scientific Services, Inc.**  
*A Higher Standard of Laboratory Testing*

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