

IntegrateRNA Established A Comprehensive LncRNA Microarray Platform to Facilitate The Study of LncRNA

New York City, New York May 8, 2023 ([Issuewire.com](https://www.issuewire.com)) - IntegrateRNA, the division of Creative Biogene, is dedicated to helping researchers better understand human diseases, explore potential treatments for high-impact diseases and promote the development of the RNA research field. With innovative products, in-depth expertise, and strong bioinformatics in these areas, IntegrateRNA is capable to empower research on regulatory non-coding RNAs (ncRNAs) and epitranscriptomics, which have become the most fascinating and forefront areas of biomedical science research. Recently, IntegrateRNA announced the release of its establishment of a [lncRNA microarray platform](#) in order to facilitate the study of lncRNA.

lncRNAs are usually expressed and function in low abundance, hidden among other classes of abundant RNAs. Systematic lncRNA annotation and analysis incorporate advances in lncRNA research. Complete genomic information, epigenomic context, subclassification, transcriptional model completeness, subcellular localization, miRNA identification, conservation, tissue/cell specificity and small peptide encoding potential, biological process, and disease association to gain insight into complex lncRNA biology study.

lncRNAs are widely involved in important cellular processes and play key roles in human diseases such as cancer, cardiovascular diseases, and neurological diseases. Microarrays are one of the best tools for analyzing lncRNAs, overcoming many limitations of RNA-seq for low-abundance lncRNAs. In order to integrate rapid scientific progress and new data to facilitate lncRNA research, IntegrateRNA has developed lncRNA microarray services for humans, mice, and rats to provide the latest, more comprehensive, and reliable detection of lncRNA in samples used in biological sciences. IntegrateRNA provides a complete lncRNA array analysis service from RNA sample preparation to data analysis, with step-by-step quality control designed to ensure users get the most reliable results.

Highlights of LncRNA Microarray Services Offered by IntegrateRNA

The most sensitive and optimal technology for lncRNA analysis, outperforming RNA-seq.

A comprehensive and robust collection of full-length lncRNAs selected from all major up-to-date databases and landmark publications.

Systematic lncRNA annotation and analysis incorporate advances in lncRNA research, including genomic context, epigenome, integrity, and subcellular localization.

"IntegrateRNA is a biotechnology company with experienced scientists and advanced technology. It has established a comprehensive and professional lncRNA chip platform, which is a practical long-term non-coding RNA analysis platform with high sensitivity and specificity, suitable for medical research." said Marcia Brady, the marketing director of Creative Biogene, she also claimed, "We can help you obtain comprehensive lncRNA bioinformatics data and publication-quality graphics in one go, through stringent quality control and advanced bioinformatics analysis."

About Creative Biogene

Creative Biogene is a top-of-its-kind company that holds a leading position and is committed to

accelerating the development of human science through biotechnology, offering innovative technologies, products, unique tools, and services for research discoveries and product development. With more than 10 years of experience and in-house experts, Creative Biogene has become a well-recognized industry leader to support researchers worldwide.

Media Contact

Creative Biogene

contact@creative-biogene.com

6313868241

Shirley, NY 11967, USA

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