

## TATAA Biocenter and Douglas Scientific announce Tumor Cell Profiling Study Contest

**Göteborg, Sweden, and Alexandria, MN USA, July 7, 2015** - [Douglas Scientific®](#), an established leader in high-throughput PCR automation optimized for Array Tape® is sponsoring a Tumor Cell Profiling Study for up to three researchers as part of a collaborative partnership with [TATAA Biocenter](#), recognized global experts in the field of high-performance qPCR and single-cell expression profiling. Selected entrants will receive a fully-sponsored gene expression study, with testing and data analysis services provided by TATAA valued at \$1,500 – \$2,500. To [enter](#), submit a brief description of your research proposal and study goals by July 27, 2015.

The winners can choose up to eight assays for a variety of gene transcripts to be performed on a maximum of 94 cDNA samples. The assays can be selected from the GrandPerformance Panel of over 100 highly optimized expression assays for cancer cells developed by TATAA Biocenter, with testing conducted in Array Tape on the sensitive [IntelliQube®](#) qPCR instrument from Douglas Scientific. The IntelliQube, is the first fully automated instrument that features the seamless integration of liquid handling, thermal cycling, detection, and data analysis into a single unit.

TATAA [GrandPerformance qPCR assays](#) are optimized for utmost sensitivity and specificity to measure expression profiles in individual cancer cells. All assays are probe based and validated in preamplification workflow allowing the profiling of up to 96 markers in each cell. The assays have been selected to be particularly relevant for the profiling of circulating tumor cells and cancer stem cells. “The combination of our GrandPerformance assays and the IntelliQube offers a previously unmet seamless workflow for high throughput profiling of individual cells,” says Mikael Kubista, TATAA Biocenter, CEO. “Single cell biology is emerging as one of the hottest research areas and the IntelliQube will become a preferred platform for the community.”

“TATAA’s experience and reputation is unsurpassed when it comes to qPCR and gene expression analysis. It was a natural fit for us to work together,” said Ross Higgins, Business Development Executive with Douglas Scientific. “Their excitement for the IntelliQube affirms that we have delivered a very disruptive solution to the qPCR space. This contest is a small step forward in our company’s mission to partner with great scientists to make the world a better place.”

### About TATAA Biocenter

TATAA Biocenter is the world’s largest organizer of hands-on training in molecular analyses, Europe’s leading provider of nucleic acid analysis services, and Sweden’s most comprehensive distributor of products for nucleic acids analysis. TATAA Biocenter offers hands-on training in all aspects of molecular analyses, biomarker research, and validation from experimental design, sample preparation, quality control, analysis and modelling. Through its laboratories in Göteborg, Sweden, and Prague, Czech Republic, and sales office in Saarbrücken, Germany, TATAA Biocenter supports its clients with products for a full range of nucleic acid and protein analyses and services in compliance with ISO17025 standard. In 2013 TATAA Biocenter was presented the Frost & Sullivan Award for Customer Value Leadership as Best-in-Class Services for Analyzing Genetic Material. For more information, see [www.tataa.com](http://www.tataa.com) or contact us on [services@tataa.com](mailto:services@tataa.com)

### About Douglas Scientific

Douglas Scientific LLC, is a rapidly growing laboratory automation company located in Alexandria, MN, with a team of over 100 professionals bringing together expertise in engineering, biosciences, automation, motion

control, and other fields. At the core of Douglas Scientific is a dedication to making the world a better place by delivering innovative laboratory automation solutions.

Douglas Scientific designs and manufactures a full line of laboratory instrumentation—Nexar® and IntelliQube® systems—to enable PCR reactions using Array Tape.

As a leading automation company delivering on its mission, Douglas Scientific has enabled laboratories around the world to leverage the patented Array Tape consumable. This innovative microplate replacement consists of a continuous polymer strip embossed with microliter wells that can be used in a variety of laboratory applications. As a result, scientists worldwide have processed billions of samples in the areas of plant genomics, animal health, clinical diagnostics and pharmaceuticals at unprecedented speed and fractional costs. By partnering with the most creative and dedicated scientists around the world, the company continues to deliver advancements to address several imminent global issues and challenges.