The world’s first direct-mounted metal halide light source.

89 North’s PhotoFluor LM-75 is designed for extended use with minimal down time and maximum benefits.

Direct mounting eliminates need for unreliable liquid light guides
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Pre-aligned, user-exchangeable lamp with a long lifetime
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Low up-front cost and lower overall cost of ownership than other fluorescence light sources

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High-performance filter sets for fluorescence in situ hybridization.

Chroma’s ET FISH filter sets provide brighter signals and excellent color separation for accurate scoring.

Eliminate bleedthrough of Gold and Aqua from Green signals to reliably discriminate between Aqua/Green/Gold/Red
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Zero-pixel-shift sets for perfect image registration

Contact Chroma for assistance in choosing filters for your fluorescent genetic testing application.
**Quantification is key**

The ability to quantify LONG® R3 IGF-I is important for optimizing its concentration when developing cell culture processes and feeding strategies. Quantification is also important when developing a recombinant protein purification process, in order to demonstrate clearance of the residual LONG® R3 IGF-I in cell culture supernatants prior to isolating your protein of interest. A LONG® R3 IGF-I ELISA kit was recently developed to monitor the levels of the growth factor in culture medium during these aspects of the production process. The ready-to-use ELISA kit detects concentrations of LONG® R3 IGF-I in the 0.31 to 40 ng/ml range, thus facilitating optimization of the cell culture process and downstream processing purification.

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**Related Products from Cell Sciences**

- Human LONG® R3 IGF-I ELISA Kit
- Recombinant Human LONG® R3 IGF-I Protein
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Differential gene expression creates beauty

Differential gene expression plays a significant role in development of many species including orchids.

*Phalaenopsis orchids* are important species for development and evolutionary studies. Moreover, they are well recognized for their exceptional beauty. The flowers have several organs (i.e. sepal, petal, and labellum), which are significantly different, however together compose conspicuous and harmonious look (view photo). The unique shape of these flower organs is a result of differential expression of multiple genes involved in their development.

Lexogen is focusing on development of accurate and affordable tools for transcriptome analysis with RNA-Seq. QuantSeq is a dedicated kit for expression profiling. It is an easy protocol for producing highly strand-specific next generation sequencing libraries from the 3’ end of polyadenylated RNA. Only one fragment per transcript is produced, directly linking the number of mapping reads to the gene expression values. Restricted length saves sequencing space and allows for high level of multiplexing, enabling cost-efficient and fast RNA-Seq experiment.

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Conference Co-Chairpersons: Deborah K. Armstrong, Martin M. Matzuk, Gordon B. Mills, and Saul E. Rivkin
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September 25-28, 2016 • New York, NY

Tumor Immunology and Immunotherapy
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Improving Cancer Risk Prediction for Prevention and Early Detection
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Symposium Co-Directors: Carlos L. Arteaga, Virginia G. Kaklamani, and C. Kent Osborne
December 6-10, 2016 • San Antonio, TX

Precision Medicine Series: Opportunities and Challenges of Exploiting Synthetic Lethality in Cancer
Conference Co-Chairpersons: René Bernards, William C. Hahn, and Louis M. Staudt
January 4-7, 2017 • San Diego, CA

AACR International Conference on New Frontiers in Cancer Research
Conference Co-Chairpersons: Peter A. Jones and Frank McCormick
January 18-22, 2017 • Cape Town, South Africa

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