

News Release

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SIGMA-ALDRICH LAUNCHES YOUR FAVORITE GENE POWERED BY INGENUITY

Web Portal Provides Access to Dynamic Library of Life Science Research and Enables Experiment Modeling

ST. LOUIS, January 27, 2009 -- Sigma-Aldrich (NASDAQ: SIAL) and Ingenuity Systems today launched Your Favorite Gene powered by Ingenuity, a Web-based biological search portal for exploring dynamic gene-based content (<http://www.sigma-aldrich.com/yfg>). Based on Ingenuity's extensive library of research findings, Your Favorite Gene powered by Ingenuity positions Sigma-Aldrich's life science products within a content-rich environment of relevant biological and chemical information. The Web site also provides researchers with the capability to model and evaluate prospective experiments in the context of previously published scientific literature.

The new portal is built upon Sigma-Aldrich's leading Your Favorite Gene search engine, and incorporates Ingenuity's Knowledge Base, the world's largest repository of biological and chemical networks. A dramatic departure from the prevalent static search interfaces among life science product providers, this intuitive search tool matches thousands of Sigma-Aldrich products to biological information, presented in dynamic networks.

Researchers and students can search by gene, protein, function, disease, species, tissue or pathway to access a range of previous research findings and biological information including molecular functions, cell regulation, protein domains, and metabolic and signaling pathways. From an initial search, simple navigation allows exploration of broader networks, providing insight into pathway interactions. Researchers can also model prospective experiments in Your Favorite Gene powered by Ingenuity, accessing the findings of previous studies and quickly sourcing the availability of Sigma-Aldrich products relevant to their work.

"Sigma-Aldrich is establishing itself as a destination for the life science community to understand biology and access the resources it needs to continue groundbreaking research," said Dr. David Smoller, President of Sigma-Aldrich's Research Biotech business unit. "We intend Your Favorite Gene powered by Ingenuity to serve as an information hub for researchers and students exploring diseases, functions, and gene pathways, and to match our comprehensive collection of products, kits and reagents to relevant biological information."

Ingenuity's library is comprised of information extracted from a range of leading and specialized scientific journals by a team of Ph.D.-level life scientists. Ingenuity's networks of biological and chemical relationships are manually curated, providing researchers with the most up-to-date

findings related to proteins, genes, complexes, drugs, tissues, cells, and diseases of interest. Your Favorite Gene powered by Ingenuity will present select information from Ingenuity's library, with quick links to the larger repository for Ingenuity subscribers.

"Today's increasing emphasis on a systems view of biology is requiring scientists to design their experiments based on a more complete and dynamic understanding of biology," said Jake Leschly, CEO of Ingenuity. "Through Your Favorite Gene powered by Ingenuity, researchers are now able to leverage the breadth of Ingenuity's knowledge and technology to gain scientific insight and to immediately translate this into more effective experimental designs and a better selection of Sigma-Aldrich products."

Your Favorite Gene powered by Ingenuity provides streamlined access to Sigma-Aldrich's extensive portfolio of validated shRNAs, siRNAs, Prestige Antibodies and bioactive small molecule products. The Web portal is free for all researchers and students, and can be accessed at <http://www.sigma-aldrich.com/yfg>.

About Sigma-Aldrich: Sigma-Aldrich is a leading Life Science and High Technology company. Its biochemical and organic chemical products and kits are used in scientific and genomic research, biotechnology, pharmaceutical development, the diagnosis of disease and as key components in pharmaceutical and other high technology manufacturing. The Company has customers in life science companies, university and government institutions, hospitals, and in industry. Over one million scientists and technologists use its products. Sigma-Aldrich operates in 36 countries and has 8,000 employees providing excellent service worldwide. Sigma-Aldrich is committed to Accelerating Customer Success through innovation and Leadership in Life Science, High Technology and Service. For more information about Sigma-Aldrich, please visit its award-winning Web site at <http://www.sigma-aldrich.com>.

About Ingenuity Systems: Ingenuity Systems enables researchers to model, analyze, and understand complex biological and chemical systems foundational to human health and disease. All of Ingenuity's products and services have one common goal -- to provide relevant context and understanding to life science researchers. The Ingenuity products include pathways analysis software and knowledge bases for life scientists and bioinformaticians, in addition to business solutions focused on semantic search and enterprise knowledge management infrastructure. Ingenuity was founded in 1998 and is headquartered in Redwood City, California with offices in Germany, Switzerland, France, the United Kingdom, and Japan. www.ingenuity.com.

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