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Contact:

Sheridon Sauer
Biomax Informatics AG
Robert-Koch-Str. 2
D-82152 Planegg, Germany

Tel: +49 89 895574-0
Email: sheridon.sauer@biomax.com

In USA contact:

Jonathan Sheridan
Biomax Informatics, Inc.
Highway 69, Suite #5
New Glarus, WI 53574 USA

Tel: +1 (608) 636-2222
Email: jonathan.sheridan@biomax.com

**PEDANT™ application for convenient, comprehensive genomic analysis
now available in Illumina's BaseSpace Apps**

PLANEgg, Germany — (28 October 2014) — Biomax Informatics AG today announced it has added its Pedant-Pro™ technology to Illumina's BaseSpace Apps, Illumina's applications store and informatics community dedicated to advancing genomic analysis.

Using the PEDANT™ BaseSpace App, researchers can analyze bacterial DNA sequences with Biomax's enterprise-scale genome analysis engine, the Pedant-Pro™ Sequence Analysis Suite. The PEDANT app allows researchers to put their sequencing results in context with multiple levels of existing knowledge, visualize DNA and protein features, and share their results with their colleagues, via the BaseSpace cloud.

Biomax CEO, Dr. Klaus Heumann said, "Analysis of NGS data poses a real bottleneck in the life sciences. The PEDANT app gives researchers a convenient way to find and share real value in their data using the most comprehensive analysis tool available. BaseSpace Apps allows us to offer the Pedant-Pro technology at a competitive price and directly give our users the benefits of more flexible access and efficient use of computer resources."

The Pedant-Pro software uses the most reliable, up-to-date sequence analysis algorithms to give researchers the "big picture" while simultaneously allowing them to drill down on comprehensive details like:

- Gene and ORF prediction
- Functional classification of genes and proteins
- Prediction of non-coding RNA and DNA features
- Ontology assignments
- Multiple alignments
- Protein domain predictions
- Assignment of two- and three-dimensional structural properties

A comprehensive report for each gene and protein provides an overview of relevant features with links to underlying databases. Interactive viewers designed for exploring genomic data show the details of genes, genetic elements and all protein features.

Informatics solutions available through BaseSpace Apps allow customers to utilize the tools from a growing community of academic, commercial, and open source providers. Visit [Illumina's BaseSpace](#) to log in and access the PEDANT BaseSpace App.

About Biomax

[Biomax Informatics AG](#) is a leader in the development of customized bioinformatics solutions. Biomax developed the well-known [Pedant-Pro](#)[™] Sequence Analysis Suite, the [BioXM](#)[™] Knowledge Management Environment, the [Viscovery](#)[®] data mining software and other computational systems for better decision making and knowledge management in the life science industry. Biomax's worldwide customer community includes companies and research organizations in healthcare, drug discovery, diagnostics, fine chemicals, food and plant production.

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