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### **BIOMAX INFORMATICS longtime customer KWS SAAT extends software license agreement**

PLANEgg, Germany — (7 May 2014) — [Biomax Informatics AG](http://www.biomax.com) and client KWS SAAT AG announce an extension of their software license agreement. KWS has licensed Biomax's [Pedant-Pro™ Sequence Analysis Suite](#) to support their high-throughput analysis and annotation of plant and fungal sequences for many years.

According to Dr. Andreas Menze, head of bioinformatics at KWS, the company uses the Pedant-Pro software as one central component of their bioinformatics platform for functional and structural annotation of plant and fungal-based genomic and cDNA sequences. He explained that the Pedant-Pro system provides high-throughput analysis on a continuously increasing high number of sequences using a server cluster architecture. The analysis results are integrated into KWS data resources, made available for visualization applications and further analyses, and populate a knowledge-based platform that provides further associations and, thus, further insight for decision making, he said.

According to Menze, the system has proven its worth to KWS: "In addition to the Pedant-Pro system's broad range of functionality and diverse integrated databases, the software has a very user-friendly GUI, which allows even staff with little IT experience to use the system efficiently."

"Such a review after so many years from one of our longtime clients is the best proof of long term customer satisfaction in terms of usability, analysis reliability and scientific excellence. The Pedant-Pro system has been adapted continuously to address the needs of the ever-increasing amounts of sequences generated by next generation sequencing technologies. A tight integration of the Pedant-Pro system into our [BioXM™ Knowledge Management Environment](#) is the most recent and logical step in this process. We are pleased KWS has confirmed their satisfaction by extending our collaboration," said Dr. Philipp Krubasik, Director of Key Accounts at Biomax.

### **About the Pedant-Pro software**

The Pedant-Pro Sequence Analysis Suite provides fast, enterprise-scale annotation of individual sequences and complete genomes. Through numerous state-of-the-art analysis methods, the Pedant-Pro suite performs exhaustive prediction and characterization of genes and genetic elements (e.g., rRNAs, tRNAs, transposons) and functional and structural classification. The initial automatic data analysis can be supplemented by convenient manual annotation. The resulting Pedant-Pro database represents a comprehensive sequence, gene and protein repository with extensive information from public and proprietary data sources for each coding entity.

### **About Biomax**

[Biomax](http://www.biomax.com) provides computational solutions for better decision making and knowledge management in the life sciences. They help customers generate value by integrating information from proprietary and public resources to enable a knowledge-based approach to developing innovative life science products. Biomax's worldwide customer community includes companies and research organizations that are successful in drug discovery, diagnostics, fine chemicals, food and plant production. Further information is available at [www.biomax.com](http://www.biomax.com).

### **About KWS SAAT AG**

KWS is one of the world's leading plant breeding companies. More than 4,400 employees in 70 countries generated net sales of over €1.1 Billion in the fiscal 2012/13. For more than 150 years KWS has been managed as a family oriented and independent company. Main areas of its work are the breeding of varieties and the production and sale of seed for corn, sugar beet, cereals, potatoes, oil-seed rape and sunflower. 15 percent of its annual sales is invested in research and development. KWS uses state-of-the-art plant breeding methods and technologies to continuously improve variety yields and resistances to diseases, pests and abiotic stress. Further information: [www.kws.com](http://www.kws.com).

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