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KeyGene is one of the largest agro-biotech companies in the world with long term partners in the international seed industry. KeyGene delivers sustainable molecular genetic responses to the world's need for stability in the yield, quality and health of 6F¹ crops. By providing cutting edge and proprietary breeding technology and trait platforms for their crop development, KeyGene assists breeding companies. KeyGene has its headquarters in Wageningen, the Netherlands, a subsidiary in Rockville, USA and a joint lab at the Shanghai Institute of Biological Sciences in Shanghai, China.

To support KeyGene's vision of sequence based breeding, a set of proprietary applications, based on Next-Generation Sequencing platforms, has been developed. The analysis of NGS datasets, development of new bioinformatics methods and building application specific software, require strong input and a central position from KeyGene's Bioinformatics team within the company. To strengthen the Sequence Applications Group, KeyGene is per direct looking for a highly motivated and talented

BIOINFORMATICIAN Sequence Applications

Vacancy number 12.001

Position

In the position of bioinformatician you will

- contribute to the analysis and method development of NGS applications in the field of plant biotech and breeding. This includes *de novo* assembly, reference mapping, variation detection and sequence-based genotyping with data from state-of-the-art machines like the HiSeq2000 and PacBio sequencers;
- work in a team of five bioinformatics professionals under the supervision of a team leader;
- work in close collaboration with researchers and scientists from other research groups.

Your profile

- A bachelor degree in bioinformatics or comparable level through experience;
- Knowledge of and demonstrable experience in a LINUX environment;
- Advanced programming skills (fluent in at least Perl);
- Excellent knowledge and hands-on experience with common bioinformatics methods and tools;
- Ambition to work in a pioneering research field;
- Experience with analyses of NGS data (*de novo* sequence assembly, reference mapping, marker discovery and genotyping) would be a pre;
- Experience with the use of parallel computing on clusters, grid or cloud infrastructure would be an asset;
- Enthusiastic team-player with good communication skills and a project-oriented attitude.

KeyGene offer

KeyGene offers you a dynamic job with a competitive salary and benefits in a vibrant, highly innovative and ambitious research company with an internationally recognized position in plant genomics research. You will be able to work at the forefront in this field and build on our cutting-edge facilities for high-performance computing and high-tech laboratory infrastructure.

More information

Additional information can be obtained from Antoine Janssen, Team Leader, tel. +31 317 466866, or email aj@keygene.com.

If you are interested in this position you can send your letter of application and resume before February 20, 2012 to: Keygene N.V. Attn. Ms A. Philipsen, HR manager, P.O. Box 216, 6700 AE Wageningen, the Netherlands or by email: ap@keygene.com.

Please mention the vacancy number 12.001 in your letter of application.