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FOR IMMEDIATE RELEASE

NextGENe® Software version 2.14 now available.

April 22, 2011, State College PA SoftGenetics announces the availability of the newest version of its NextGENe software for the analysis of data from the Roche, Illumina®, ION PGM™ and Applied BioSystems SOLiD™ System sequencing platforms. The latest version incorporates a multitude of new functionalities and efficiencies requested by genetists, biologists and IT personnel. The new version includes enhanced Transcriptome detection, a new pipeline tool for unattended automation of NGS data analysis, as well as superior performance with ION PGM data.

“Researchers interested in Transcriptome Analysis utilizing the power of NGS platforms, indicated development biologist, John McGuigan, will find significantly enhanced accuracy with NextGENe for the detection of Alternative Splicing Sites, Transcript Detection and Gene Fusion with the incorporation of our new multi-step alignment algorithm and detection algorithms. Results are presented in a unique, highly graphical user interface which includes Expression Levels, Variant Detection, Alternative Splicing, detection of multiple transcripts as well as fusion genes”.

“NextGENe’s new Pipeline Tool, developed in collaboration with a leading commercial genetics laboratory, allows automated, unattended analysis of next generation sequencing data”, said Kevin LeVan, NextGENe product manager. The pipeline tool will automatically query the availability of sequence data, de-multiplex bar coded samples, obtain pre-selected panels for references, and perform data alignment followed by SNP/INDEL analysis without intervention. Analysis results are then stored for review. Multiple analysis projects can be created for sequential processing. The pipeline tool provides a high degree of analysis automation allowing high throughput facilities to take maximum advantage of NextGENe’s analysis power.”

ION PGM users will find NextGENe’s enhanced alignment algorithm and small homopolymer Indel identification function improving ION PGM Amplicon analysis accuracy making the software an even better tool for the PGM’s unique technology.

NextGENe software, is a free standing, biologist-friendly Windows based analysis tool, requires no scripting, provides analysis modules for all typical applications and is compatible with data from all major 2nd generation sequencing platforms.

The company offers 30-day trials and no cost web-based training on its genetic analysis software packages. Interested parties may request the software on the company website: www.softgenetics.com or via email: info@softgenetics.com.

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SoftGenetics, LLC specializes in the development of genetic analysis tools for both research and diagnostic applications. Hallmarks of SoftGenetics software tools are advanced technologies, providing exceptional accuracy, and sensitivity in an easy-to-use Windows® user interface.

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