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## FOR IMMEDIATE RELEASE

## Advanced software increases accuracy, sensitivity and speed of TILLING, EcoTILLING and SNP discovery applications in gel images.

June 7, 2007, State College, PA - SoftGenetics LLC announces the immediate availability of an enhanced version of its JelMarker<sup>TM</sup> Image Reader Software that incorporates SoftGenetics unique physical comparison DNA variant technology. In addition to automatically identifying gel image lanes and bands, the mutation detection module of the software converts the image into a synthetic electropherogram that is then compared to a wild type reference. Thus detecting SNPs at a sensitivity not previously possible with previous visual detection methodologies.

"The new mutation detection module of JelMarker", states Tamela Serensits, SoftGenetics Product Specialist, "provides a level of sensitivity and analysis accuracy not previously attainable by visualization methods in an easy to learn and use software platform. The implementation of JelMarker into a TILLING strategy not only will provide greater discovery possibilities, but it will also streamline the analytical process, thereby reducing analysis time and costs."

JelMarker is compatible with fluorescence, chemiluminescence and autoradiography gel image files especially those generated by LI-COR<sup>®</sup> 4300 DNA Analyzer and the KODAK<sup>®</sup> Image Station 4000R. JelMarker can import up to two TIFF, BIP, GEL, JPEG, BMP or TXT files for comparison analysis.

A free 30-day evaluation program, application notes, and no-cost user training are available by emailing <u>info@softgenetics.com</u> or through the SoftGenetics website: <u>www.softgenetics.com</u>.

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

Trademarks are property of their respective owners.