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FOR IMMEDIATE RELEASE

GeneMarker® HID Human Identity Software Receives NDIS Expert System Approval

January 5, 2014 **State College PA** SoftGenetics announced its GeneMarker HID Human Identity Software has received NDIS approval, from the Federal Bureau of Investigation. NDIS approval allows CODIS, Combined DNA Identification System, reporting laboratories to upload genotyped profiles directly from GeneMarker® HID to NDIS, the national DNA Index System, which is the United States' national database containing over 11,219,527 offender profiles, 2,065,806 arrestee profiles and 590,079 forensic profiles as of October 2014; that are used to help authorities identify criminals nationwide.

Dr. Hays Young, DNA Technical Leader at the Arkansas State Crime Laboratory, a CODIS reporting laboratory, performed the developmental validation of GeneMarker HID software. NDIS approval of the developmental validation enables laboratories generating DNA profiles for the National DNA Index System (NDIS) to submit genotypes directly to CODIS (Combined DNA Identification System). Results from 208 calibration samples, 1195 concordance samples and 41 challenge samples confirmed GeneMarker HID as a concordant expert system.

Teresa Snyder-Leiby, Product Manager, SoftGenetics commented that "we're very pleased that CODIS reporting laboratories can reap the benefits of faster analysis time and increased efficiency¹; GeneMarker HID was shown to require up to 73 % less analyst intervention², providing a powerful analysis tool for eliminating analysis backlogs. Forensic casework and private laboratories world-wide have used GeneMarker HID for over seven years for human identification in forensic case work, mass disaster searches of reference files or familial database searches, paternity, kinship and immigration applications."

GeneMarker® HID human identity expert system software can be employed as a "biologist-friendly" replacement for GeneScan®/GenoTyper® or as an alternative to GeneMapper® ID and GeneMapper® IDX human identification software, reducing analyst required intervention by 18 - 73 % per profile².

GeneMarker® HID is compatible with Windows® XP through 8, ABI®PRISM 310, 3100, 3130, 3730, 3500 CE output (.fsa, .hid), IntegenX RapidHIT™ .fsa files and major commercial chemistries (including GlobalFiler™ 6-Dye™, Identifiler®, Minifiler®, PowerPlex® Fusion - 5 and 6 color, PowerPlex®16, PowerPlex® ESI/ESX, PowerPlex® Y23, PowerPlex® Y and Y-Filer®). In addition to standard STR analysis, GeneMarker HID software has been optimized to analyze profiles from Low Copy Number (LCN) samples. GeneMarker HID software includes embedded applications to assist experts with Mixture Analysis, Relationship Testing and Database Searching for matching/near matching profiles and Familial Search capabilities. GeneMarker HID software has been validated by forensic labs world-wide and has many time-saving tools to reduce casework backlogs and analyst fatigue.

For further information, including a request of Dr. Young's report, software trial or additional technical information, please contact info@softgenetics.com.

¹ GeneMarker® HID: a Reliable Software Tool for the Analysis of Forensic STR Data JFS 56:29-35 Mitchell Holland and Walther Parson

² Evaluation of GeneMapper® ID-X and GeneMarker® HID for use in Forensic DNA Analysis; Ronald Schmidt, Justin Godby, Valerie Bostwick (Marshall University), Theresa Caragine (OCME NYC)