ADDRESSING CURRENT DATA INTERPRETATION CHALLENGES WITH APPLIED BIOSYSTEMS^{TM} 3500 DATA COLLECTION SOFTWARE V4.0 AND GENEMAPPER^{TM} *ID-X* SOFTWARE V1.6

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3500 Data Collection Software v4.0 and GeneMapper ID-X v1.6 now offer an updated, integrated HID solution designed to significantly enhance productivity and confidence in the laboratory. The system addresses critical challenges faced in HID laboratories including data interpretation speed and reliability, user experience efficiency, and IT compliance. Specifically addressing current data interpretation challenges and efficiency, this system offers the ability to reduce pull-up edits and capillary-to-capillary variation, improve first-pass success rate for database labs, and enable a more efficient data transfer for probabilistic genotyping (GMID-X export with stutter without the need to reanalyze).

The following summarizes highlights from the developmental validation performed at Thermo Fisher Scientific to demonstrate the functionality of pull-up reduction, signal optimization, off-scale data recovery, and streamlined data export.