

Target enrichment systems, 9/16

September 2016—Roche announced the worldwide launch of the Heat-Seq Target Enrichment Systems, which provide rapid and accurate enrichment methods designed to improve the detection of variants in human genetics and cancer research.

The Heat-Seq enrichment systems offer researchers speed and reliability through a streamlined workflow by combining molecular inversion probe technology with molecular barcodes. Molecular barcodes, or unique identifiers, enable users to more accurately measure how much sequence data came from the sample, how much was unique, and how much was redundant due to amplification during the PCR process. This capability, which cannot be provided by traditional PCR-based methods, offers a clearer understanding of the original sample's complexity and, in turn, provides a quicker route to variant discovery and interpretation, according to a company statement.

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