# Adoption Increases Accessibility of Linked-Read Data PLEASANTON, Calif. September 8, 2015 10x Genomics today announced that HudsonAlpha Institute of Biotechnology and Macrogen have now adopted the GemCode platform as part of their service offerings. “We are excited to be able to offer services on the GemCode platform to both the HudsonAlpha and wider research communities who will benefit from improved structural variation detection and the ability to see haplotype information routinely, all fro

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10x Genomics today announced that HudsonAlpha Institute of Biotechnology and Macrogen have now adopted the GemCode platform as part of their service offerings.

“We are excited to be able to offer services on the GemCode platform to both the HudsonAlpha and wider research communities who will benefit from improved structural variation detection and the ability to see haplotype information routinely, all from 1ng of DNA,” said Shawn Levy, Director of the Genomic Services Lab at HudsonAlpha.

“As one of the largest service providers in the world Macrogen believes that the GemCode platform will add significant value to our customers’ projects by offering data that was previously difficult to access and strengthen our diverse sequencer platforms,” said Chong Hyon-yong, CEO of Macrogen.

The GemCode platform partitions arbitrarily long DNA molecules (including > 100kb) and prepares sequencing libraries in parallel, so that all fragments produced within a partition share a common barcode. A simple workflow combines large partition numbers with a massively diverse barcode library to generate >100,000 barcode containing partitions, while only requiring ~ 1ng of DNA input.

“10x Genomics is excited to partner with these leading institutions to allow the broader research community expanded access to our transformational Linked-Read data,” said Brian McKelligon, VP of Sales and Support at 10x Genomics.

**About HudsonAlpha**

HudsonAlpha Institute for Biotechnology is a genomic science and applications nonprofit organization. It is both a high-volume genomic data producer serving hundreds of academic, clinical, and commercial clients’ needs and a global scientific collaborator valued for its genomic data analysis and interpretation to solve some of the most pressing questions in cancer, undiagnosed disease, neuro-psychiatric disorders, immune-mediated disease, agriculture, and public health. Its unique 152-acre campus melds the boundaries between nonprofit scientists, educators, and commercial business people so that collaboration sparks innovation and growth.

**About Macrogen**

Macrogen, Inc. (www.macrogen.com), based in Seoul, Korea, is a world leading service provider in high-quality gene analysis and has enjoyed stable and steady growth since 1997. Macrogen Inc. has been dedicated to providing a reliable and efficient service of DNA Sequencing and bioinformatics with profound knowledge and unbeatable amount experience for over 17 years. The company’s diverse offerings include DNA sequencing, next generation sequencing, microarray analysis, oligonucleotide synthesis, DNA chip and genetically engineered mice services. We serve over +17,000 customers from academic research and industry in 120 countries around the globe and have subsidiary companies in the USA, Japan and Europe, headquartered in South Korea.

**About 10x Genomics**

10x Genomics is changing the definition of sequencing by providing an innovative genomics platform that dramatically upgrades the capabilities of

existing short read sequencers. The Company does this through a combination of elegant microfluidics, chemistry and bioinformatics. With the GemCode Platform, researchers can now find structural variants, haplotypes, and other valuable long range information while leveraging existing sequencing workflows.

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