

## **LGC Genomics unveils new *repliKator* liquid handling and plate replication robot**

***KBioscience and LGC Genomics announce development of repliKator automated liquid handling system***

15 January 2012, UK – The *Plant and Animal Genome* (PAG) conference of 2012 saw the official unveiling of the new *repliKator* liquid handling, plate replication robot from LGC Genomics. The new robotic platform is the latest instrumentation development from LGC Genomics following the merger with KBioscience in July 2011.

The *repliKator* platform uses proven liquid handling automation technology to deliver a flexible, easy to use, automated liquid handling, plate replication system capable of preparing of up to 24 x 1536 well PCR plates in less than 5 minutes. The *repliKator* can be operated as a standalone instrument or easily integrated into existing laboratory robotic installations.

Initially developed to provide increased throughput of our own SNPLine genotyping instrument platform, the *repliKator* is also compatible with the KBioscience developed *Kraken* laboratory workflow management software to allow even greater efficiency and throughput. Other features of the *repliKator* system include an integrated tip wash station, simple and intuitive software interface as well as the ability to dispense into both shallow and deep-well plates.

Further development of the *repliKator* system to combine magnetic particle separation technology with the liquid handling capability of the *repliKator* will enable the development of a fully-automated, walk away solution for nucleic acid extraction capable of processing 8x 96 well microtitre plates per hour.

Jon Curtis, Group Operations Manager of LGC Genomics (and co founder of KBioscience, an LGC company since July 2011), commented: “*We are delighted to have the opportunity to show the new repliKator robot at this year’s Plant and Animal Genome exhibition. As with all our instrumentation solutions, these robots have been developed to meet the needs of*

*our own service laboratories and we are pleased to make the valuable throughput increases we have achieved, available to the wider research community. Flexibility is a key element to all our instrumentation solutions and the ability to incorporate the repliKator into existing SNPLine or other laboratory platforms has been a key element of our development process. Our objective is that these instruments will enable our customers undertaking important research across a variety of genomics applications to achieve cost efficiencies that will drive even greater value for their research spend.*

- Ends -