

Herlev, Denmark, May 5<sup>th</sup> 2020 - For immediate release

## **Introducing Samplix Services – PCR-free, single-molecule target selection of genomic regions by the Xdrop™ experts**

Today, Samplix launched its comprehensive service program to grant any laboratory access to the advantages of Xdrop™ technology. By partnering with the Samplix Service Team, researchers can leverage the unique Xdrop™ approach to address complex genomic questions, including gap closing, sequencing of repeat elements, detecting viral insertion sites, revealing unintended CRISPR edits, and more.

Xdrop™ is Samplix' proprietary technology to enrich genomic regions longer than 100 kb from as little as 1 ng human genomic DNA and with single-molecule resolution. Unlike other target enrichment methods, Xdrop™ requires knowledge of only a short sequence within or flanking the target region for efficient target selection. Following targeted selection, multiple displacement amplification is applied to single DNA molecules compartmentalized in droplets. This ensures unbiased amplification of large DNA fragments that are representative of the target variation in the original sample. The output is ready for any short-read or long-read sequencing platform.

*"Our services program is designed to expertly manage workflow points that impact project success. We have regular customer consultations to establish clear research objectives and thus, secure the right experimental setup and sample quality strategy,"* explains VP Commercial Operations Henrik Pfundheller.

An expert team of scientists and lab technicians with over 10 years of experience in international genomics services, handling of precious sample types, project logistics, and dedicated customer care manages the complete workflow. Upon request, Samplix Services also performs and analyzes long-read or short-read sequencing. Every step, including data processing and analysis, if requested, is carefully documented and discussed in a closing consultation.

*"Whatever the reason behind a service request,"* continues Pfundheller, *"our team overcomes any challenge our customers experience, whether it relates to exploring a new application, getting help in tackling a difficult sequence, or just gaining access to the right equipment."*

For more information, please visit [www. samplix.com/services](http://www.samplix.com/services).

### **ABOUT SAMPLIX**

Samplix offers proprietary products for PCR-free single-molecule target selection of genomic regions. Samplix' technologies are based on advanced microfluidics, which in a simple work process, partitions millions of molecules into droplets, thereby enabling high-quality, unbiased targeted enrichment of large fragments (>100 kb) for subsequent sequencing.



Samplix ApS  
Mileparken 28  
DK – 2730 Herlev

cvr: 32 30 93 21  
bank: 3409 0011673171