

NOVOGENE (UK) COMPANY LIMITED**Address:** 25 Cambridge Science Park, Cambridge, CB4 0FW, United Kingdom**Company VAT:** GB273975163**EORI:** GB2739751630000**Phone:** +44 (0)1223 628750**E-mail:** europe@novogene.com

DECLARATION OF UNIQUENESS

Tingting Zhou, Director at Novogene Co Ltd. Based in Beijing, China.

CERTIFIES

That Novogene UK Company Limited, a company registered in England, under company number 09353226 whose registered office is at 2nd Floor, Bio-innovation Centre, 25 Cambridge Science Park, Milton Road, Cambridge, England, CB4 0FW, is a subsidiary of Novogene Co Ltd., and acts commercially in Italy providing the Sequencing Services exclusively for the products manufactured by the UK sequencing Center from Novogene UK and Tianjin Sequencing Center & Clinical Lab. Tianjin Novogene Bioinformatic Technology Co., Ltd from the parent company Novogene Co Ltd.

Novogene Cambridge Genomic Sequencing Centre, the first European sequencing centre of Novogene Europe, was established at Babraham Research Campus in May 2018, and relocated to Cambridge Science Park in August 2019 due to rapid business expansion. The Centre is now equipped with automatic workstations, multiple NovaSeq 6000s and Novaseq X Plus, and High-Performance Computing Clusters.

Reliable and high quality NGS data is a key component in genomics research. At Novogene, we use the most effective technology available from world leading providers including Illumina NovaSeq 6000, Novaseq X Plus, HiSeq, Oxford Nanopore, Ion Torrent and PacBio Sequel platforms. Over the years our NGS labs have developed optimized NGS processes and protocols to ensure the best possible scientific outcome for your research. Not only do we offer state of the art NGS technology, but we also have the largest sequencing capacity in the world with an annual throughput of over 280,000 human WGS samples.

We are one of the Illumina certified providers and one of the main partners of Illumina Genome Network in China. Besides, we are one of the largest PacBio Sequencing service providers in the world with > 10 units of Sequel Sequencers. Our experience and access in a diverse range of systems and protocols allow us to deliver the best possible results to support our customers' research. Novogene holds 69 invention patents and 294 software copyrights.

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ISO for quality management system obtained. Among these services, there are products or some of their components patented by Novogene Co Ltd. Therefore, said products cannot be manufactured by other firms.

Additionally, Novogene is equipped with Falcon II, an intelligent next-generation sequencing (NGS) platform that can automatically deliver multiple NGS services for customers. This follows the introduction of the previous generation – Falcon, the first intelligent delivery platform for NGS. The new Falcon II platform is a compact version of Falcon that significantly improves the efficiency, reliability, and quality of service delivery for NGS projects. Falcon II has been installed in Novogene's Cambridge Sequencing Centre to provide customers with improved services to meet their sequencing requirements across Europe. Falcon II brings significant advantages to how labs deliver NGS services, both in terms of direct customer and lab operational benefits.

Falcon II integrates 16 sets of precision instruments to support multiple NGS services, such as RNA Sequencing and Whole Genome Sequencing (WGS). It enables a fully automated end-to-end process that includes sample Quality Control (QC), library preparation, and library QC. It can run 24/7/365 providing continuous production. By reducing manual handling by up to 70% Falcon II enables a more robust and reliable NGS service. Replacing manual operations with standardised automated operations eliminates manual errors making the whole process more accurate, traceable and contamination-free. Production time is reduced by around 60% which enables a single Falcon II line to process up to 384 samples per day. Overall, monthly production capacity is estimated to increase by 200% compared to manual setups.

We declare that the company NOVOGENE (UK) COMPANY LIMITED is the only one able to provide the service **Pre-made libraries lane and partial lane sequencing (NovaSeq X Plus 25B PE150)**, that performs this service with the following characteristics.

Details of the service:

- Library Quality control: Quibit and qPCR using Novogene's in-house protocol.
- Prema-made libraries lane and/or partial lane sequencing on NovaSeq X Plus 25B cell, using the PE150 (paired end 150) strategy.

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NOVOGENE (UK) COMPANY LIMITED is also able to provide the "Sample Shipping" service.

With this service, the company is committed to offering customers maximum support in shipping goods.

Specifically, the company undertakes to:

- Outsource the shipment to third-party (certified) couriers
- Provide all necessary documentation to the customer
- Check the shipment status of the shipped goods
- Contact with freight forwarders and customs should any problems arise

Finally, NOVOGENE (UK) COMPANY LIMITED is able to provide through the "Hard Disk Delivery" service a fast and secure delivery of data via a physical hard disk ensuring the confidentiality of the data.

NOVOGENE (UK) COMPANY LIMITED places great importance on information protection and information privacy and respects the information protection rights of any person whose personal information we are entrusted with.

We follow the below principles with respect to personal information:

- Lawfulness, fairness, and transparency – we process information lawfully, fairly and in a transparent manner
- Purpose limitation – we only collect information for specified, explicit and legitimate purposes
- Data minimisation – we only collect information, which is adequate, relevant and limited to what is necessary in relation to purposes for which they are processed
- Accuracy – we ensure information is accurate, and where necessary, kept up to date
- Storage limitation – we do not keep data for longer than is necessary
- Integrity and confidentiality – we ensure the data is protected from unlawful processing, accidental loss, destruction, or damage

We respect our customer's rights to data erasure and will never share personal information with any unapproved third parties.

And for the record, I sign this certificate in Cambridge on September 24, 2024.

Tingting Zhou

