

2019 NGS Research Grant

Timetable for Grant Program

- 1st Jun.: Announcement of call for applications
- 30th Jun.: 2019: Deadline for application submission
- 1—18th Jul.: Application assessment
- 19th Jul: Announcement of winners and projects
- 1 Oct.: Approximate date of project commencement

[MGI](#), [Decode Science](#) and [Micromon Genomics](#) are pleased to announce a grant award to provide library preparation and sequencing for up to 3 NGS projects (“the projects”) in Australia or New Zealand. The grant offers either **PCR-free WGS** or **stLFR long read libraries** for sequencing on the MGISEQ-2000, for up to 5 samples per project. The grant is a collaborative program offered by MGI (a division of BGI Group), Decode Science (MGI’s ANZ distributor) and Micromon Genomics (a Monash University sequencing facility). The total value of the grant is **\$30,000**.

The goal of this program is to support Australian and New Zealand researchers as they seek to generate data to submit for publications and in support of future grant applications, and to promote the utilization of cutting-edge solutions from MGI for genomic and translational research. The grant covers both MGI library preparation and sequencing costs for up to 5 samples for each project. Winners will have a choice of either PCR-free WGS or single tube Long Fragment Read (stLFR) libraries for sequencing on the [MGISEQ-2000](#).

Requirements and Conditions

Eligibility:

1. Applicants must hold primary research positions or postdoctoral positions in Australia or New Zealand. Early career researchers are strongly encouraged to apply.
2. Applicants may not hold current awards directly related to the proposed research.
3. If selected, the DNA samples must be extracted and QC'd by the researcher prior to the submission deadline and must meet Micromon’s sample submission requirements.

Other Conditions:

1. By submitting an application, the applicant gives permission to the sponsors to contact the applicant regarding their products and services, whether or not the applicant is chosen as the successful recipient of the grant.

2. The sponsors make no guarantee or warranty with respect to the security or confidentiality of applications or the application process.
3. The grant cannot be combined with other discounts, offers, or promotions.
4. The grant may not be transferred or assigned; no substitutions or cash equivalents are allowed.
5. Upon award of the grant, the successful applicant agrees to provide the sponsors with permission to release the contents of the grant winner's application and experiment results as part of a case study/poster/press release. More details will be communicated with grant winner's announcement.
6. The successful applicant agrees to:
 - a) carry out the projects diligently and competently and in accordance with generally accepted professional, scientific and ethical principles and standards;
 - b) provide any reports on the projects as reasonably requested by the sponsors;
 - c) only access materials or facilities designated by the sponsors as being for use in the Projects;
 - d) separately assign or licence intellectual property developed in the projects to the sponsors (or such other entity nominated by the sponsors).
7. Subject to clause 5 and any disclosure in academic publication agreed by the sponsors, the successful applicant agrees to treat as confidential all confidential information received by the successful applicant in the course of carrying out the projects.
8. The sponsors may, without limiting their rights, terminate the grant process and/or the projects if an applicant breaches these terms and fails to remedy any breach within 30 days of a notice by the sponsors.

Application Process

Applications can be submitted via [online portal](#) or download the [application form](#) with the subject "NGS Grant Program 2019" by email to bgi-australia@genomics.cn. You may also visit [BGI Australia](#) for submission details.

Assessment Criteria and Process

Within two weeks after the deadline all applications will be assessed by a committee of MGI/BGI/Micromon product managers, technical specialists, laboratory managers, and researchers to evaluate their eligibility, feasibility, technical capability, research merit, academic influence and commercial value. The shortlisted applicants may be contacted for further clarifications or additional information in due course. Through a meticulous assessment process evaluating these criteria the committee will select three successful applicants, with whom we will mutually establish a collaborative research agreement that addresses sample shipping, data ownership, and IP issues as appropriate to each project. The successful winners will be announced on 19th Jul. 2019.

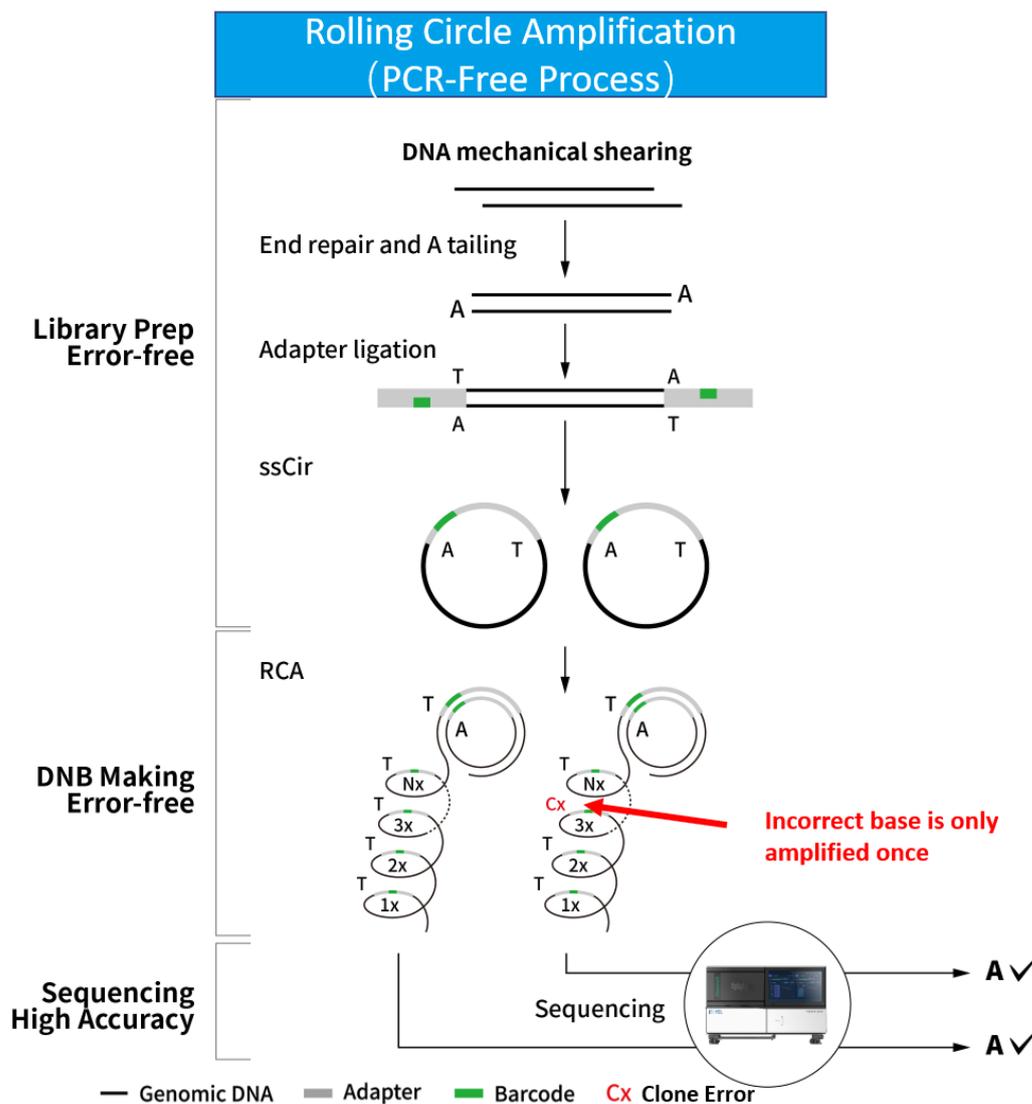
MGI Sequencing Technology

Based on MGI's proprietary DNBseq™ technology, **MGISEQ-2000** adopts a novel “Flow Cell system” which can support various sequencing modes. With optimized optical and biochemical system, MGISEQ-2000 provides rapid and simplified sequencing solutions.

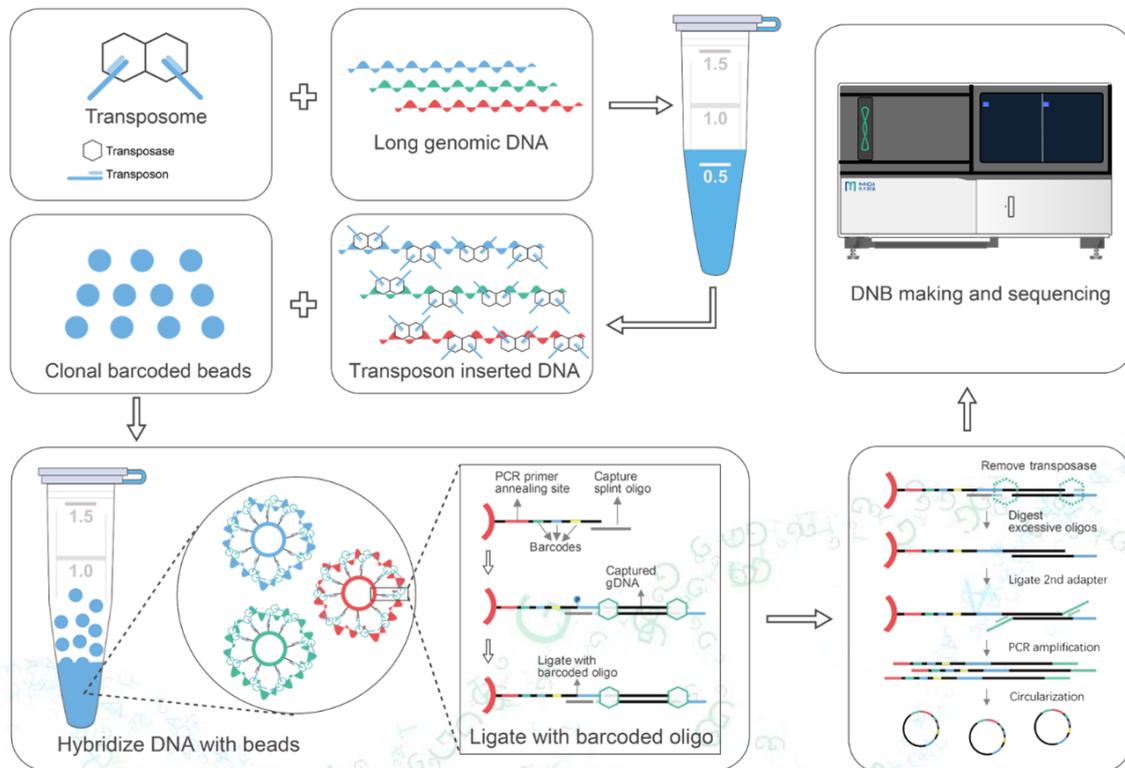
Features

- 18.75~1080 Gb per run
- 48 hours to PE100 sequencing result
- several read length options including but not limited to SE300、PE100、PE150
- support sequencing application for research, clinical, forensic science and agriculture

MGI Easy PCR-free WGS library preparation is the true PCR-free NGS workflow without PCR amplification. Our workflow uses rolling circle amplification (RCA) from the same original DNA template, resulting in zero clone error accumulation and higher data accuracy.



MGEasy Single Tube Long Fragment Read (stLFR) Library Prep Kit is the world's first partition-less long fragment DNA co-barcoding library prep kit. As a single tube reaction, it does not require any liquid handling or microfluidic systems and needs just 1ng of input DNA. Capable of generating read lengths of up to 10Mb (contig N50), stLFR enables high quality variant calling, haplotype phasing, structural variation detection, and other long read applications.



Thank you for your interest. Please write to bgi-australia@genomics.cn with any questions regarding this grant program.