

MiSeq Order Form

For libraries to be prepared by the BRF

**Contact Information**

|  |  |
| --- | --- |
| Date: |  |
| Customer name: |  |
| Customer address: |  |
| Phone (lab): |  |
| Phone (mobile): |  |
| Email address: |  |
| PI (or lab head) name: |  |
| PI (or lab head) email: |  |
| PI (or lab head) signature\*: |  |

\*By signing, you acknowledge and accept BRF charges, terms and conditions.

**Billing Information**

|  |  |
| --- | --- |
| ANU account code (ANU customers): |  |
| Non-ANU customers email address\*\*: |  |

\*\*A tax invoice will be emailed to the PI/lab head, unless alternative billing information is provided.

Phone: +61 2 6125 4326

Email: brf@anu.edu.au

Website: https://jcsmr.anu.edu.au/research/facilities/brf

The Australian National University

131 Garran Road (Level 2), Acton ACT 2601, Australia

**Data Output (please select your desired option)**

|  |  |
| --- | --- |
| ❑ | Supply your own hard drive\* |
| ❑ | AARNet FileSender |

\*If supplying your own hard drive, please bring this hard drive to the BRF at the same time you submit your sample(s). It is your responsibility to keep a backup of your data even if it is being analysed by the ABC. All data must be checked by the customer within 2 weeks of receiving it. Any problems must be reported to the BRF within this time.

**Libraries and Sequencing Parameters**

The table below details flow cell types (v2, v3, v2 Micro and v2 Nano) and their output in megabases (Mb) or gigabase (Gb) and single-end reads in millions (M) for a given read length.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **v2** | **v3** | **v2 Micro** | **v2 Nano** |
| **1 × 36 bp** | 540-610 Mb | 12-15 M | - | - | - |
| **2 × 25 bp** | 750-850 Mb | 12-15 M | - | - | - |
| **2 × 150 bp** | 4.5-5.1 Gb | 12-15 M | - | 1.2 Gb | 4 M | 300 Mb | 1 M |
| **2 × 250 bp** | 7.5-8.5 Gb | 12-15 M | - | - | 500 Mb | 1 M |
| **2 × 75 bp** | - | 3.3-3.8 Gb | 22-25 M | - | - |
| **2 × 300 bp** | - | 13.2-15 Gb | 22-25 M | - | - |

Please choose your desired reagent kit and sequencing parameters below.

|  |  |
| --- | --- |
| Reagent kit: | e.g. v2 Nano flow cell, 300 cycles |
| Sequencing parameters: | e.g. 150 bp paired-end, or 300 bp single-end |

Please describe the nature of your sample(s) below.

|  |  |
| --- | --- |
| Sample name(s): |  |
| Sample origin (species, tissue etc.): |  |
| Sample type (cells, RNA, DNA etc.) |  |
| Sample concentrations (nM, ng/µL): |  |

Where possible, we require a fragment analysis report for your samples, quantified on instruments such as the Agilent Bioanalyser or TapeStation (or similar). Please email a copy of your quantification results to the BRF email address, as well as a digital copy of this completed form.

After filling in this form, please print a copy and submit it to the BRF office with your sample(s) and hard drive if you are supplying one.