# Center for Functional Genomics

University at Albany • East Campus, CRC Bldg., Room 221A-223

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# Request for Economy Full Plate (96 well) DNA Sequencing Services

Principal Investigator: Date:

Organization:

Requestor: Req. Phone:

Req. Fax: Req. E-mail:

Please provide via phone or email

or

P.O. No.: Credit card

Or grant Info:

 *Staff Use Only*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Plate Name | Well vol (ul) | Type1 | # Wells used | DSR # | Rxn date | Run date | Invoice# |
| 1 |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |

1 Plasmid = P, PCR product = PCR, Cosmid = C, BAC = B, Bacterial genomic = BG, Phage = Ph.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Template** | **Amt. per rxn** |  | **Template** | **Amt.per rxn** |
| Plasmid | **100-300 ng** |  | PCR Fragment 100 - 200 bp | **3 ng** |
| Cosmid | **1 μg** |  | 200 - 500 bp | **10 ng** |
| BAC | **1 μg** |  | 500 - 1000 bp | **20 ng** |
| Bacterial Genomic | **3 μg** |  | 1000 - 2000 bp | **40 ng** |
| MM900041057[1]Phage | **1 μg** |  | > 2000 bp | **100 ng** |

**Please read:**

1. Contact us before submitting plates for list of unusable well positions.
2. Dilute Primers to a concentration of 5.0 μM and use one μl per sequencing reaction. Using chart above for template quantities, submit template/primer combinations in a total volume of 5µl per well (e.g. 2 µl DNA, 1 µl primer, 2 µl dH2O) in an Applied Biosystems 96 well plate (part no. N801-0560). **Other plates are not acceptable.** **There will be a charge of $35 per plate to transfer samples from an incorrect plate to an ABI plate.** Seal plate with an adhesive foil or plastic sheet and label it distinctively on the side.
3. Also please create a chart showing locations of sample/template combinations on the plate (1-12 horizontal, A-H vertical). Keep this for yourself as results will be reported for each plate position (ex. A01, D08, etc.).

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| --- |
|   *CFG Staff Use Only*Date Rec’d  |