# Center for Functional Genomics

University at Albany • East Campus CRC 221A, 1 Discovery Dr., Rensselaer, NY 12144-2456

**Phone:** 518-591-7165 **Fax:** 518-591-7211 **E-mail:** cfg@albany.edu **Web:** www.albany.edu/genomics/

Request for DNA Sequencing Services

Principal Investigator: Date:

Organization:

Requestor: Req. Phone:

Req. Fax: Req. E-mail:

or

Grant No.: P.O. No.:

*One Template-primer combination (ONE template, ONE primer) per line, please! Staff Use Only*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Template Name |  HP1 | Type2 | Templ. Conc. ng/µl | Insert/Frag. Size | Primer Name | Primer Conc. µM | CCFG # |
| 1 |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |

1 Put “Y” here if you predict hairpins, inverted repeats, or high GC content in the region to be sequenced.

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Template** | **Concentration** |  | **Template** | **Concentration** |
| Plasmid | **100-300 ng/μl** |  | PCR Fragment 100 - 200 bp | **3 ng/μl** |
| BAC | **1 μg/μl** |  | 200 - 500 bp | **10 ng/μl** |
| Bacterial Genomic | **3 μg/μl** |  | 500 - 1000 bp | **20 ng/μl** |
|  |  |  | 1000 - 2000 bp | **40 ng/μl** |
|  |  |  | > 2000 bp | **100 ng/μl** |

**If templates are provided in the recommended concentrations, 1 µl will be used per rxn. Primers** should be provided at a concentration of **5.0 μM**; one μl will be used per sequencing reaction.

|  |
| --- |
|   *CFG Staff Use Only*Date Rec’d Date Rxn Run Name: RUN\_\_2017- Date Run DSR # Invoice # : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |