



# Bauer Core Facility

## Covaris Sample Submission

Please email the completed form to [illumina\\_submission-list@lists.fas.harvard.edu](mailto:illumina_submission-list@lists.fas.harvard.edu).

Name: \_\_\_\_\_ Lab: \_\_\_\_\_

### Sample Submission Guidelines:

Please see the maximum input quantities for each type of micro tube. We can proceed with less than the stated amounts but cannot overload the tubes. If you require more DNA than the maximum input, we will need to prepare separate Covaris tubes that can be pooled together after shearing. Please submit samples in 1.5 mL tubes labeled with the sample name and concentration.

### Starting Material:

- Intact DNA (submit 50  $\mu$ l with maximum of 5  $\mu$ g)
- Intact DNA (submit 130  $\mu$ l with a maximum of 5  $\mu$ g)
- Intact DNA (submit 15  $\mu$ l with a maximum of 1  $\mu$ g)

**Sample Information: Complete all information below for each submitted sample.**

	Sample Name	Shearing length (bp)	Total amount to be sheared (ng)	Volume to shear in ( $\mu$ l)	Volume of sample ( $\mu$ l)	Concentration of sample (ng/ $\mu$ l)
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

\* Shearing length should be specified. Covaris does not offer a "range" bp for shearing. For example do not list 400-450 bp; choose only one length. All shearing products will have a distribution of sizes with the majority falling at your specified length.

### Notes or special instructions: