

NM-INBRE/NCGR SEQUENCING AND BIOINFORMATICS CORE (SBC) PILOT AWARDS REQUEST FOR PROPOSAL

Metadata Proposal Accompaniment Form

Required: Please complete this form and submit with your proposal.

1. Submitted by

Institution

Best Phone Number

Email

2. Qualification

- NM-INBRE Investigator
 Other State INBRE Investigator
 IDeA-eligible institution

3. Proposal Title

4. Species including genome size

5. Sample Type

- RNA
 DNA
 Data Files (FASTQ, etc.)

6. Number of Samples

7. Sample ETA

8. Please specify the types of sequencing/bioinformatics tools or analysis you are requesting (check all that apply)

- RNA-Seq
 Transcriptome Assembly
 Differential Expression

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Number of Conditions

Number of Replicates per Condition

- Pathway Analysis
- DNA-Seq Mutational Analysis
- Genome Assembly
- Metagenomics
 - Whole Genome
 - 16S
 - 18S
- Metatranscriptomics
- DNA Methylation (e.g. bisulfite-Seq, Pac Bio)
- Small RNA-Seq (e.g., miRNAs)
- ChIP-Seq
- RIP-Seq
- Genotyping by Sequencing
- Bioinformatics/data analysis, please specify
- Other, please specify

9. Genome/Transcriptome Reference Information and link.

10. For RNA-Seq Differential Expression Analysis

- a. Please list (or attach spreadsheet) with sample names, sample descriptions, tissue, treatment, replicate, and other metadata.

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- b. Comparison Groups (e.g. treatment A vs. treatment B, control vs. all treatments, etc.)

11. Student Participation

12. Other Comments