



DNA Core Facility
Research Core Facilities
University of Missouri–Columbia

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<http://biotech.mnet.missouri.edu/dnacore>

Project Authorization

Project ID: KingE_01_SOL

Date: 11/2/2016

Payment Terms: DJU10

Principal Investigator: Elizabeth King

Project Contacts:

PI: Elizabeth King; kingeg@missouri.edu

Contact #1: Enoch Ngoma; ngomae@missouri.edu

Project Description:

1. Project involves the sequencing of 54 total RNA samples (Drosophila) from to an average read count of 23 million reads per sample. The DNA Core will prepare 54 stranded RNA-Seq libraries (TruSeq). Total RNA samples are to be submitted at a concentration of 100ng/ul in nuclease free water; minimum volume of 15ul (1.5ug total). If unable to provide this amount, contact the DNA Core to discuss.
2. RNA-Seq libraries will be combined in a single pool (54-plex) and sequenced in a single lane of a NextSeq 1x75 run.

| Service | Qty | Unit Price | Amount |
|--|-----|-----------------|-------------|
| mRNA Stranded Library Preparation (TruSeq) | 54 | \$150.00/sample | \$8,100.00 |
| NextSeq High Output Flow Cell - SE75 | 3 | \$1,700.00/lane | \$5,100.00 |
| Project Total | | | \$13,200.00 |

I have reviewed and approve of the project description and cost estimates above. I have also reviewed and in agreement with core policies (<http://dnacore.missouri.edu/corepolicies.html>). I understand that any deviations from this project description may result in additional project costs based on reagent costs, shipping costs, and standard core service rates. I hereby authorize the DNA Core Facility to begin work on this project.



Signature

11.02.2016

Date