



**Sample Submission Form for Total RNA-Seq**

Investigator: \_\_\_\_\_ Department: \_\_\_\_\_

Email/phone: \_\_\_\_\_ Date: \_\_\_\_\_

Sample ID	Volume	Concentration

• **Sample species:**

Human       Mouse       Other \_\_\_\_\_

• **Are submitted samples isolated from an infectious material?**

Yes       No

**If yes, please specify the material:**

\_\_\_\_\_

• **Sample purification method including the name and brand of kit:**

\_\_\_\_\_

• **Have the samples been treated with DNase:**

Yes       No



Please provide a short description of the experimental treatment of the submitted samples.

- Provide list of comparisons for statistical analysis (e.g. KO vs. wild type).

e.g. KO	Wild type

**Price:**

The charges for Total RNA-Seq are given below. Please contact with Core for latest prices.

Type	Name	Unit Price (\$)
<b>Library prep</b>	Library cost/sample	240.00
<b>Sequencing Cartridge</b>	P2 Reagents (200 Cycles) (Upto 400M reads)	2600.15
	P3 Reagents (200 Cycles) (up to 1.2B reads)	4382.35
<b>QC</b>	LabChip Analyzer/run (Up to 24 samples)	150.00



Below is an example of costing for 8 samples considering 50M reads/sample

Type	Name	Unit Price (\$)	Total price (\$)
<b>Library prep</b>	Library cost/sample	240.00	1920.00
<b>Sequencing Cartridge</b>	P2 Reagents (200 Cycles) (Up to 400M reads)	2600.15	2600.15
	P3 Reagents (200 Cycles) (up to 1.2B reads)	4382.35	
<b>QC</b>	LabChip Analyzer/run (Up to 24 samples)	300.00	300.00
<b>Grand total price</b>			<b>4820.15*</b>

\*Alternatively, \$6,602.35, if P3 cartridge is used with 8 samples.

### Purified RNA:

- Recommended Amount: 2000ng or more
- Recommended Volume: 20uL or more
- Recommended Concentration: 100 ng/uL or more
- Minimum Amount: 100ng (if less than 100ng RNA is available, discuss with us prior to sample submission)
- Minimum Volume: 15uL
- Minimum Concentration: 10 ng/uL (if less than 10 ng/uL, discuss with us prior to sample submission)
- RNA should be stored in nuclease free water

### Data Delivery Format

#### FASTQ files:

- External hard drive upon request- Charges applicable
- Illumina BaseSpace transfer upon request – BaseSpace account required

#### Other Files:

- Tulane Box Account- MS Word, Excel or pdf files or other readily accessible formats

### Payment Information of Client:

Principal Investigator:

Address:

Phone:

Email:

Account Manager:

Tulane University Account Number/Other:



### Required Signatures

Please sign below in this form acknowledging that all information is correct and authorizes the Genomics Core of Center for Aging at Tulane University to order all consumables necessary for this sequencing project and confirms that the PI is financially responsible for items ordered for this project and all labor cost and other associated cost with this project.

Conditions: 1- I, hereby acknowledge that my sample will be held by the Genomics Core for 1 week following the bioinformatics analysis unless they are requested to be held for an extended period of time.

2- By contracting for the services requested, the investigator will acknowledge the services of the Tulane Center for Aging Genomics, Bioinformatics, and Spatial Multiomics Core in all publications and presentations using data derived from these services and the support of the NIH grant P30GM145498. The investigator will provide this core with full citations for these publications and presentations, as well as for any grant applications submitted, both awarded and not awarded. The acknowledgment will read: "Services were provided by the Tulane Center for Aging Genomics, Bioinformatics, and Spatial Multiomics Core supported by NIH grant P30GM145498."

**Principle Investigator Signature**

**Date**

**Research specialist/Student/Post-Doc Signature**

**Date**

### Data and Sample Retrieval

It is recommended to collect data no later than 30 days after the project is done either by external drive or BaseSpace transfer because all data from sequencing run will be deleted from the server after a while. Please pick up original RNA samples leftover along with constructed libraries no later than 7 days after your data is available. Otherwise, we will not be responsible if they are discarded.