

**UTK 454 FLX Titanium Sequencing Submission Form**  
**For Titanium Shotgun Sequencing Only**  
 A Signed Form Must Be Submitted With All Samples

<b>Contact Name:</b>	<b>Date:</b>
<b>Contact Email:</b>	<b>P.I.:</b>
<b>Telephone #</b>	<b>Dept:</b>
<b>Fax #</b>	<b>Institution:</b>
<b>Billing Address/Building + Room#</b>	<b>Shipping Address (if different from Billing)</b>
<b>Responsible Acct (Name and Number)/P.O. Number</b>	<b>P.I. Signature of Approval:</b>

	<b>Qty</b>
<b>Number of Samples for Submission</b>	
<b>Brief Sample Description Including DNA Preparation:</b>	

Sample Name	Mbp of Sequence Requested	O.D. A260/A280	Conc. (µg/µl)	Total Volume (µl)

- PLEASE CONTACT ALICE LAYTON ([ALAYTON@UTK.EDU](mailto:ALAYTON@UTK.EDU)) PRIOR TO SUBMITTING SAMPLES.
- Samples will be processed when we have a full plate for sequencing. Due to the costs involved, we will not run partial plates.
- Please submit 3 - 5µg of DNA for standard processing.
- Minimum concentration requirement is >40ng/ul as measured by a FLOUROMETER.
- A260/A280 must be between the following ranges; TE (1.8-2.1) Water (1.6-1.9)
- A gel image with samples run with and without *EcoRI* digestion is required.
- Processing image files currently takes ~80 hours per plate.
- Data will be given as fna.file, qual.file and ace.file.
- **Please note:**  
**The CEB currently does not provide additional Bioinformatic support past pre-processing of the image data. We are however working to establish the requisite infrastructure needed for annotation and analysis.**