PACBIO® Project Submission Form

|  |  |
| --- | --- |
| Date of Submission: |  |
| Contact Name: |  |
| Contact Email: |  |
| Contact Phone #: |  |
| PI Name: |  |
| Billing Address: |  |
| PI Email: |  |
| PI Phone #: |  |
| Project to Charge: |  |
| Chart Field String # (UNC-CH only) or PO# (all others): |  |

**Note:** Please read the Project Submission Instructions before filing out this form

|  |  |
| --- | --- |
| **Sample Name:** |  |
| **Source Organism:** |  |
| **Type of DNA :** | Genomic DNA |
| Plasmids |
| cDNA |
| Amplicons / PCR products |
| PacBio Library |
| Other: |

Application Service Requested:

|  |  |
| --- | --- |
|  | Whole Genome Sequencing |
|  | Targeted Sequencing (amplicons, BAC, etc) |
|  | Transcriptome (cDNA) |
|  | Microbial |
|  | Methylation |
|  | Barcoding |
|  | Other: |

|  |  |
| --- | --- |
| Additional genomic DNA clean-up: | Yes  No  N/A |
| Insert Size Required | 5 KB 10 KB 20 KB Other: |

DNA Quality Check: Please provide a copy of your QC gel to ensure it is high quality DNA.

DNA Quantification: WARNING – Purely spectrophotometric-based methods are more variable and overestimate concentration, sometimes by as much as 10-fold if RNA and other contaminates are present, and are not recommended.

|  |  |
| --- | --- |
| Submitted DNA (ng/µL): |  |
| Total Volume (µL): |  |
| Method: | Qubit®  PicoGreen®  qPCR |
| A260/A280 ratio : |  |
| A260/A230 ratio: |  |
| Sample Buffer: |  |

Experimental Design: (please contact HTSF staff with any questions)

|  |  |
| --- | --- |
| Approx. Genome/DNA Size |  |
| Approx. Coverage Needed |  |
| Estimated number of SMRT® Cells |  |
| Additional Comments |  |

Bioinformatics and Data Delivery:

|  |  |
| --- | --- |
|  | Primary Analysis Output Files (bas.h5, bax.h5, metadata.xml) |
|  | Filtered Subreads (FASTA and FASTQ) |
|  | Circular Consensus Analysis (CCS reads) |
|  | Bioinformatics Consulting Analysis (Assembly by SMRT Portal, Custom Solutions, etc. – may be subject to extra costs) |

Data Delivery Notification email address if different from Contact Email:

END