PACBIO® Project Submission Form

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| --- | --- |
| 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:

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| --- |
|[ ]  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:

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| --- |
|[ ]  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