## MASS SPECTROMETRY CORE SERVICE RATES FY17

<table>
<thead>
<tr>
<th>Service</th>
<th>Suggested Rates</th>
<th>Internal Rates</th>
<th>External Non-Profit Rates</th>
<th>External For-Profit Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>MALDI TOF</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Run, Per Sample</td>
<td>$30.00</td>
<td>$40.00</td>
<td>$50.00</td>
<td>$60.00</td>
</tr>
<tr>
<td>Run, w/Protein ID</td>
<td>$40.00</td>
<td>$50.00</td>
<td>$100.00</td>
<td>$125.00</td>
</tr>
<tr>
<td>LTQ-XL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sample (2-Hour Run)</td>
<td>$60.00</td>
<td>$100.00</td>
<td>$190.00</td>
<td>$220.00</td>
</tr>
<tr>
<td>Sample (2-Hour Run), w/Protein ID</td>
<td>$80.00</td>
<td>$140.00</td>
<td>$300.00</td>
<td>$320.00</td>
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<tr>
<td>LTQ ORBITRAP</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sample (2-hour run)</td>
<td>$80.00</td>
<td>$125.00</td>
<td>$220.00</td>
<td>$250.00</td>
</tr>
<tr>
<td>Sample (2-Hour Run), w/Protein ID</td>
<td>$100.00</td>
<td>$170.00</td>
<td>$320.00</td>
<td>$350.00</td>
</tr>
<tr>
<td>OTHER</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tryptic Digestion, In-Gel or In-Solution</td>
<td>$20.00</td>
<td>$30.00</td>
<td>$175.00</td>
<td>$200.00</td>
</tr>
</tbody>
</table>

## GENOMICS CORE SERVICE RATES FY18

<table>
<thead>
<tr>
<th>DNA Services</th>
<th>Type of Service</th>
<th>Suggested Rates</th>
<th>External Non-Profit Rates</th>
<th>External For-Profit Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oligo Ordering (Average 20-mer w/Shipping)</td>
<td>$16.25</td>
<td>$25.00</td>
<td>$65.00</td>
<td>$75.00</td>
</tr>
<tr>
<td>RT PCR</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of Service</td>
<td>Suggested Internal Rates</td>
<td>External Non-Profit Rates</td>
<td>External For-Profit Rates</td>
<td></td>
</tr>
<tr>
<td>---------------------------------------</td>
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<td></td>
</tr>
<tr>
<td>MiSeq</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Small RNA-seq: 50 bp-Single End</td>
<td>$950.00</td>
<td>$1,450.00</td>
<td>$1,600.00</td>
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</tr>
<tr>
<td>Bacterial RNA-seq: 75 bp PE Seq.</td>
<td>$1,100.00</td>
<td>$1,550.00</td>
<td>$1,700.00</td>
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<tr>
<td>Bacterial RNA-seq: 150 bp PE Seq.</td>
<td>$1,200.00</td>
<td>$1,800.00</td>
<td>$2,050.00</td>
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</tr>
<tr>
<td>Bacterial Whole Genome: 250 bp PE Seq.</td>
<td>$1,350.00</td>
<td>$2,050.00</td>
<td>$2,250.00</td>
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<tr>
<td>16S Metagenome: 300 bp PE seq</td>
<td>$1,800.00</td>
<td>$2,800.00</td>
<td>$3,000.00</td>
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</tbody>
</table>

**NovaSeq 6000** (Please contact for rates)

<table>
<thead>
<tr>
<th>Type of Service</th>
<th>Suggested Internal Rates</th>
<th>External Non-Profit Rates</th>
<th>External For-Profit Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eukaryoptic RNA Seq</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>TruSeq RNASample Prep. LT</td>
<td>$120.00</td>
<td>$175.00</td>
<td>$240.00</td>
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<tr>
<td>TruSeq Stranded mRNA LT</td>
<td>$120.00</td>
<td>$165.00</td>
<td>$225.00</td>
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<tr>
<td>SMART-Seq with Nextera XT for Single Cell (&lt;100 cells)</td>
<td>$180.00</td>
<td>$270.00</td>
<td>$300.00</td>
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<tr>
<td>Bacterial RNA-Seq</td>
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<tr>
<td>RiboZero Clean-up</td>
<td>$100.00</td>
<td>$150.00</td>
<td>$175.00</td>
</tr>
<tr>
<td>Product Description</td>
<td>Internal Rates</td>
<td>Suggested External Rates</td>
<td>External Non-Profit Rates</td>
</tr>
<tr>
<td>----------------------------------------------------------</td>
<td>----------------</td>
<td>--------------------------</td>
<td>----------------------------</td>
</tr>
<tr>
<td>TruSeq Stranded mRNA LT Sample Lib Prep Kit B (48 Samples)</td>
<td>$120.00</td>
<td>$165.00</td>
<td>$225.00</td>
</tr>
<tr>
<td>Eukaryotic Whole Genome Sequencing</td>
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<tr>
<td>TruSeq DNA PCR-Free</td>
<td>$100.00</td>
<td>$150.00</td>
<td>$210.00</td>
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<tr>
<td>Bacterial Whole Genome</td>
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<tr>
<td>Nextera XT DNA Kit</td>
<td>$60.00</td>
<td>$90.00</td>
<td>$100.00</td>
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<tr>
<td>16S Metagenome Sequencing</td>
<td></td>
<td>$35.00</td>
<td>$50.00</td>
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<tr>
<td>small RNA-Seq Sequencing</td>
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<tr>
<td>TruSeq Small RNA</td>
<td>$150.00</td>
<td>$225.00</td>
<td>$275.00</td>
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<tr>
<td>NEXTflex Small RNA-Seq Kit V3</td>
<td>$100.00</td>
<td>$140.00</td>
<td>$200.00</td>
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**BIOINFORMATICS CORE SERVICES FY17**

**Proteomics Applications**

<table>
<thead>
<tr>
<th>Type of Service</th>
<th>Suggested Internal Rates</th>
<th>Suggested External Non-Profit Rates</th>
<th>External For-Profit Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proteomic Analysis for IDs</td>
<td>$25.00</td>
<td>$35.00</td>
<td>$400.00</td>
</tr>
<tr>
<td>Proteome analysis for IDs with customized database</td>
<td>$30.00</td>
<td>$45.00</td>
<td>$600.00</td>
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<tr>
<td>Quantitative proteome analysis (label-free)</td>
<td>$30.00</td>
<td>$45.00</td>
<td>$900.00</td>
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<tr>
<td>Additional bioinformatics (IPA, etc.)</td>
<td>$15.00</td>
<td>$20.00</td>
<td>$500.00</td>
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</tbody>
</table>

**Genome Applications**
<table>
<thead>
<tr>
<th>Type of Service</th>
<th>Suggested Internal Rates</th>
<th>External Non-Profit Rates</th>
<th>External For-Profit Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Micro RNA-Seq</strong></td>
<td></td>
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</tr>
<tr>
<td>Small RNA Profiling and Identification of Candidate microRNAs (microRNA-Seq)</td>
<td>$35.00</td>
<td>$50.00</td>
<td>$800.00</td>
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<tr>
<td><strong>Bacterial RNA-Seq</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Differential Gene Expression Analysis Using Reference Genome (Bacterial RNA-Seq)</td>
<td>$40.00</td>
<td>$60.00</td>
<td>$700.00</td>
</tr>
<tr>
<td><strong>Eukaryotic RNA-Seq</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Differential Gene Expression Analysis Using Reference Genome (Eukaryotic RNA-Seq)</td>
<td>$100.00</td>
<td>$150.00</td>
<td>$1,225.00</td>
</tr>
<tr>
<td><strong>Eukaryotic RNA-Seq</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Differential Gene Expression Analysis Using Reference Transcriptome (Bacterial RNA-Seq)</td>
<td>$100.00</td>
<td>$150.00</td>
<td>$1,225.00</td>
</tr>
<tr>
<td><strong>Bacterial Whole Genome</strong></td>
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<tr>
<td><em>De novo</em> Assembly of Bacterial Whole Genome</td>
<td>$50.00</td>
<td>$70.00</td>
<td>$750.00</td>
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<tr>
<td><strong>16S Metagenome</strong></td>
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<tr>
<td>16S metagenome analysis and diversity analysis (QIIME)/project</td>
<td>$100.00</td>
<td>$150.00</td>
<td>$1,225.00</td>
</tr>
<tr>
<td><strong>General Bioinformatics Services</strong></td>
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<tr>
<td>Customized Effort at $35.98/hour</td>
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<tr>
<td><strong>Software Development</strong></td>
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<tr>
<td>(includes designing, writing, debugging and executing software code)</td>
<td>Number of hours depend on the length and the scope of the service</td>
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</tr>
<tr>
<td><strong>Sequence-based Bioinformatics</strong></td>
<td></td>
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<tr>
<td>(includes sequence analysis, multiple sequence alignments, BLAST searchng, performing searches in Genome)</td>
<td>Number of hours depend on the length and the scope of the service</td>
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</tr>
<tr>
<td><strong>Computational Proteomics</strong></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>(Services include Protein Model)</td>
<td>Number of hours depend on the length and the scope of the service</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Building, Protein-Ligand and Protein-Protein Docking)