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| **OSUWexMedCtr 3.png** | Quotation Request Form | **MOLECULAR BIOLOGY CORE** Dept of Surgery/Cardiac division  [MBClab@osumc.edu](mailto:MBClab@osumc.edu) |

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| 1. Contact Information | |
| Name\*: |  |
| Title (Position): |  |
| Institution/Company: |  |
| Address: |  |
| E-mail\* / Telephone: |  |

**\* Please describe your mutagenesis (Section 2-1) or subcloning (Section 2-2) project.**

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| 2-1. Request of mutagenesis | |
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| Mutagenesis | □ Substitution □ Deletion □ Insertion □ Chimeragenesis  □ Multiple-site mutagenesis □ Random mutagenesis |
| Quantity of mutants | I want to generate total ( ) mutant constructs. |
| Sequencing analysis | □ Basic sequencing to confirm target mutation (free up to 1.0 kb sequencing)  □ Full-length sequencing of gene insert  : Free 1.0 kb, $25/extra 800 bp sequencing for analysis of at least 3 colonies |
| Information of *wt* construct | □ Construct name: (Size: kb)  □ Bacterial selection marker: Ampicilin, kanamycin, or other \_\_\_\_\_\_\_\_\_\_\_\_  □ Gene name or GenBank Accession No: |
| Vector for mutant gene | □ Original construct □ New customer’s vector: \_\_\_\_\_\_\_\_\_\_\_\_ |
| Target mutations | **Examples of description**  1. Substitution: AAATTTGCGAAATTT 🡪 AAATTTcgcAAATTT  2. Deletion: AAATTTGCGAAATTT 🡪 AAATTT\_\_\_AAATTT  3. Insertion: AAATTTGCGAAATTT 🡪 AAATTTGaaaCGAAATTT |
| Please describe your mutagenesis plan or target mutations.  1.  2.  3.  4.  5. |

🡺 Or please send us *wt* construct and mutagenesis information by e-mail. We will provide a quote soon.

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| 2-2. Request of subcloning | |
| A close up of a logo  Description automatically generated | |
| Subcloning method | □ PCR-subcloning □ Gene synthesis and cloning in a vector |
| Quantity of subcloning | I want to generate total ( ) subclone constructs. |
| Sequencing analysis | □ Basic service: Free sequencing of the whole gene insert up to 3.0 kb  □ Whole sequence confirmation for gene insert larger than 3.0 kb  : Free up to 3.0 kb, $25/extra 800 bp sequencing for analysis of at least 3 colonies |
| 🡺 For PCR subcloning | **Information of template construct**  □ Construct name: (Size: kb)  □ Gene name or GenBank Accession No: (Size: kb)  □ Bacterial selection marker: Ampicilin, kanamycin, or other \_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Subcloning destination vector**  □ Vector name: (Size: kb)  □ If commercially available, please indicate a commercial name and provider:  Commercial name: Provider:  □ Bacterial selection marker: Ampicilin, kanamycin, or other \_\_\_\_\_\_\_\_\_\_\_\_ |
| 🡺 For gene synthesis | **The size of the gene inserts to be synthesized**   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ bp 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ bp 3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ bp 4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ bp 5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ bp   **Gene property, if applicable:**  □ GC rich □ Tandem repeat □ Inverted repeat (shRNA, LoxP, …)  **Codon optimization, if necessary:**  □ No □ Yes (□ E. coli □ Yeast □ Mammalian □ other\_\_\_\_\_\_\_\_\_\_\_\_\_ )  **Subcloning destination vector**  □ pUC19 or pBluescript ($90 of subcloning charge per construct)  □ Other customer’s vector ($180 of subcloning charge per construct)  **For customer’s vector, please describe**  □ Vector name: (Size: kb)  □ If commercially available, please indicate a commercial name and provider:  Commercial name: Provider:  □ Bacterial selection marker: Ampicilin, kanamycin, or other \_\_\_\_\_\_\_\_\_\_\_\_ |

🡺 Or please send us your information of gene of interest and subcloning plan by e-mail.

We will provide a quote soon.

**Comments:**