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| **OSUWexMedCtr 3.png** | Quotation Request Form | **MOLECULAR BIOLOGY CORE**Dept of Surgery/Cardiac divisionMBClab@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:**