**\*Required Fields**

|  |  |
| --- | --- |
| **CUSTOMER DETAILS** | |
| **\*Name:** |  |
| **Reference ID:** |  |
| **\*Institute Name / Department** |  |
| **\*Address:** |  |
|  |  |
| **\*Contact Number:** | (Office)       (Mobile) |
| **\*Email Address:** |  |
| **Principal Investigator / Supervisor:** |  |

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| **TYPE OF SERVICE (please indicate with an “X”)** | | |
|  | **Service Name** | **Remarks** |
|  | **Genome Walking**  Includes   * Validation of the presence of GOI (setup fee will apply if GOI absent) * RE digestion of gDNA * Ligation of overhang primers * PCR * Cloning * Sequencing Results | Genome Walking is a method for walking upstream (i.e., towards promoters) or downstream of genomic DNA from a known sequence such as a gene of interest (GOI) or a transgene.  X:\0_MBS RnD\R45_DNA walking\for customer-edited2 (20130215).bmp |

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| **SAMPLE INFORMATION** | | |
| **(A) Organism** | | |
| A1. Type (please indicate genus, species) | |  |
| A2. Information on Purified gDNA submitted | |  |
|  | Amount of RNA-free gDNA submitted (μg): | (Please send >10μg ) |
|  | Concentration (ng/μl): |  |
|  | Total volume (μl): |  |
|  | Purity A260/280: |  |
| **(B) Gene of interest (GOI)** | |  |
| B1. Name of Gene / Transgene | |  |
| B2. GenBank Accession Number | |  |
| B3. Sequence (5’ to 3’, FASTA format) | |  |
| **(C) Genome Walking Direction and Distance**  C1. 5’ Upstream of GOI – Total number of bases  C2. 3’ Upstream of GOI – Total number of bases | | 1000bp (recommended)       Others, please specify (additional fees applied):        1000bp (recommended)       Others, please specify (additional fees applied): |
| **(D) Other requirements (Additional fees may apply)** | |  |

|  |  |
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| **ADDITIONAL SERVICES (A separate fee is chargeable)** | |
| **Quantity** | **Services** |
|  | MBS-6001 Genomic DNA Extraction |

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| ***Have I met the sample preparation requirements?*** | |
| **Checklist (Please indicate with an “X”)** | |
|  | Submit ≥ 10µg of RNA-free purified gDNA. |
|  | Purified DNA meets OD260/280 = 1.7 to 2.0 |
|  | Attached Gel Photo – Please load and run 100ng of RNA-free gDNA on Agarose gel. Please indicate DNA ladder, amount/volume of gDNA in each well. |
|  | Samples submitted in 1.5ml microcentrifuges tubes with at least 50µl of contents. Each tube should be clearly labeled using a permanent marker, with caps sealed with parafilm. gDNA must be shipped at 4oC. |