



**DBT-Supported Genomic Facility at UDSC,  
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**Order form for DNA sequencing by primer walking(Service code D4) For Details read technical information)** (Please fill out one form for each DNA-Primer combination)

**Name and Postal address** .....

**Phone** (with code)..... **Mobile No** .....**Email**.....

**Payment Receipt in name of**..... **Signature**.....

**Payment:** Rs-----**Transaction No./UTR No.** with date -----

**Name of the Bank**-----

**Service code**

**Sample ID**

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Type of sample (Plasmid/PCR product)----- Host -----  
 Plasmid backbone (pUC, pBR, pBluescript, pGEM etc.)----- Antibiotic marker -----  
 Size of plasmid (kb)----- Size of insert / PCR product (kb/bp) -----  
 Concentration of DNA/PCR product----- Cloning sites for insert -----  
 Expected GC Content (%)----- Expected Homopolymer (Yes/No) -----

**Forward primers for ends (T7, T3/SP6/M13R/M13F)** -----

**Specific Primer** (if not provided by facility) name, length, sequence -----

Primer sequence 5' to 3' (18-23 mer)

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Annealing temperature of specific primer -----

conc.of specific primer-----pmole/ul

Concentration of specific primer-----pmol/μl.,

Purification grade (OPC/HAP/HPLC/Desalted) -----

**Reverse primers for ends (T7, T3/SP6/M13R/M13F)** -----

**Specific Primer** (if not provided by facility) name, length, sequence -----

Primer sequence 5' to 3' (18-23 mer)

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Annealing temperature of specific primer -----

conc.of specific primer-----pmole/ul

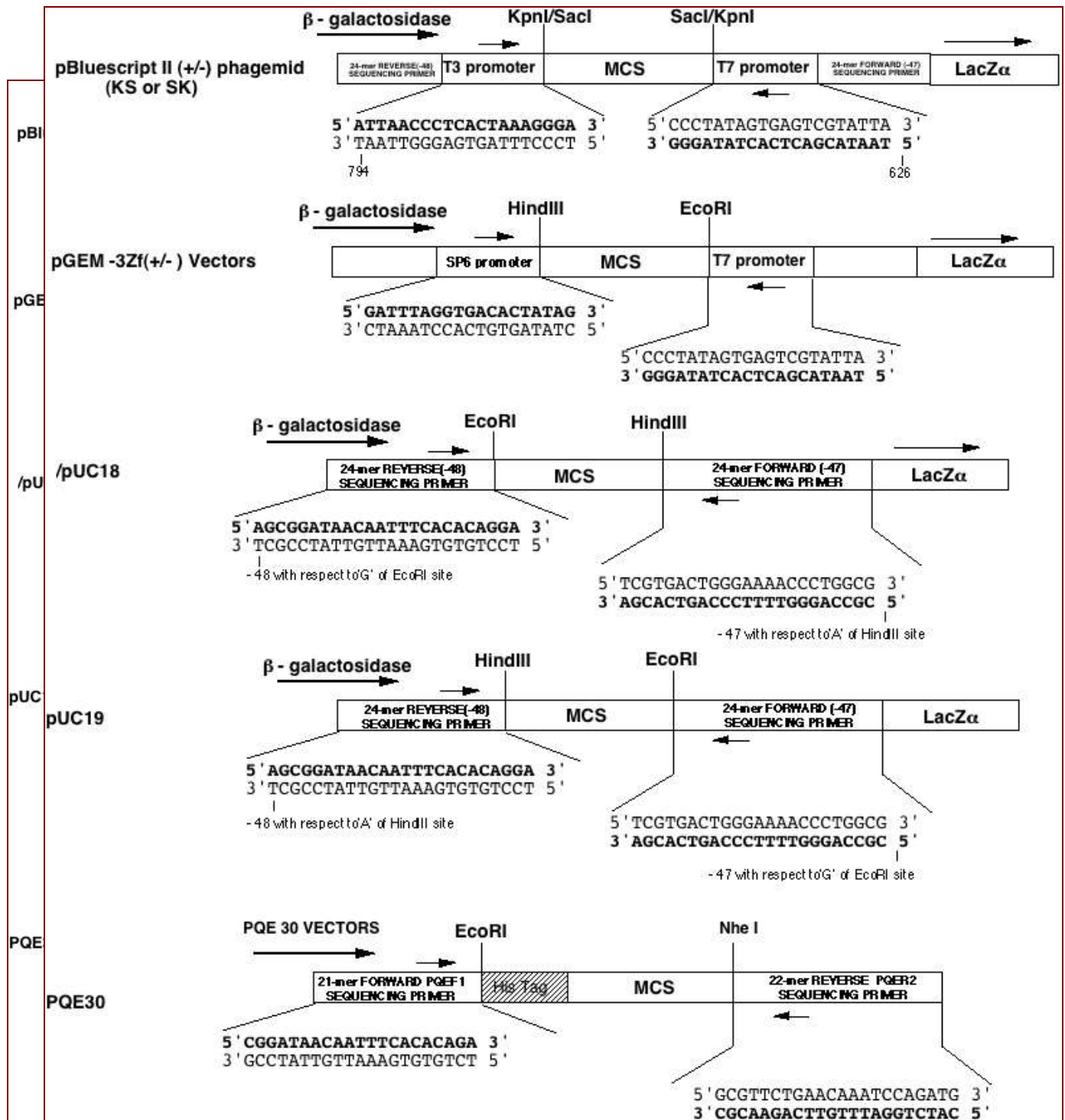
Concentration of specific primer-----pmol/μl.,

Purification grade (OPC/HAP/HPLC/Desalted) -----

**For Office use**

Date of receipt..... Date of result.....

Comments.....  
 .....  
 .....



**Primer sequences are shown in bold letters**

T7TN TERMINATER PRIMER 20 MER NEB	: 5' GTCGGTTGAGTCGAAGGAAA 3'
T7 PROMOTER PRIMER 20MER=NEB1248	: 5' TAATACGACTCACTATAGGG 3'
T3 PROMOTER PRIMER 20MER=NEB1228	: 5' ATTAACCCCTCACTAAAGGGA 3'
SP6 PROMOTER PRIMER 19MER=PROMEGA Q5011:	5' GATTTAGGTGACACTATAG 3'
M13 REVERSE(-48) PRIMER 24MER=NEB1233	: 5' AGCGGATAACAATTTACACAGGA 3'
M13 FORWARD(-47) PRIMER 24MER=NEB1224	: 5' CGCCAGGGTTTTCCCAGTCACGAC 3'
PQE.F1 (FORWARD PRIMER 21MER)=QIAGEN	: 5' CGGATAACAATTTACACAGA 3'
PQE.R2 (REVERSE PRIMER 22MER)=QIAGEN	: 5' CGCAAGACTTGTTTAGGTCTAC 3'