DBT-Supported Genomic Facility at UDSC, CIIDRET
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w w.e.f 1st Jan 2022
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Order form for DNA sequencing by primer walking(Service code D3) 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 D 3 **Sample ID** | | | | | | | | |

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) ----------

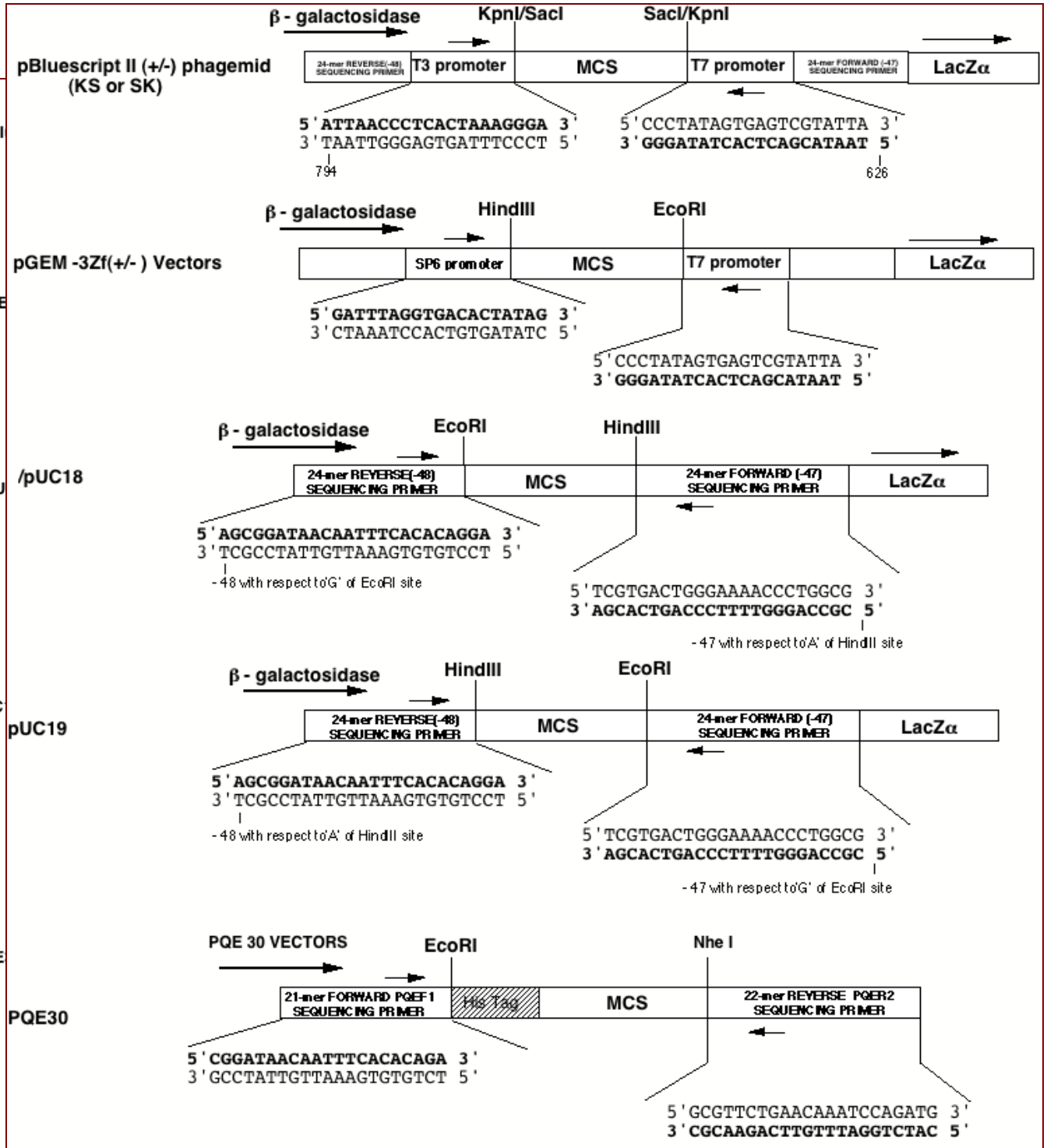
Forward primers for ends (T7, T3/SP6/M13R/M13F) ----------
Specific Primer (if not provided by facility) name, length, sequence ----------
Primer sequence 5' to 3' (18-23 mer)

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)

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' ATTAACCCTCACTAAAGGGA 3'
SP6 PROMOTER PRIMER 19MER=PROMEGA Q5011	: 5' GATTTAGGTGACACTATAG 3'
M13 REVERSE(-48) PRIMER 24MER=NEB1233	: 5' AGCGGATAACAATTTCACACAGGA 3'
M13 FORWARD(-47) PRIMER 24MER=NEB1224	: 5' CGCCAGGGTTTTCCCAGTCACGAC 3'
PQE.F1 (FORWARD PRIMER 21MER)=QIAGEN	: 5' CGGATAACAATTTCACACAGA 3'
PQE.R2 (REVERSE PRIMER 22MER)=QIAGEN	: 5' CGCAAGACTTGTTTAGGTCTAC 3'