



M13/pUC sequencing primer (-20), 17-mer, 396

EcoRI XbaI Eco128I SmaI Acc65I KpnI Mva1269I Bsp68I Mph1103I XbaI Eco32I BamHI CfrI Eco83I SmaI ApaI Bsp120I HincII SalI XmiI AflI PstI Eco147I PaeI HindIII 476

5' G TAA AAC GAC GGC CAG **TGA ATT CGA GCT CGG TAC CTC GCG AAT GCA TCT AGA TAT CCG ATC CCG GGC CCG TCG ACT GCA GAG GCC TGC ATG CAA GCT TGG**

3' C ATT TTG CTG CCG GTC ACT TAA GCT CGA GCC ATG GAG CCG TTA CGT AGA TCT ATA GCC TAG GGC CCG GGC AGC TGA CGT CTC CCG ACG TAC GTT CGA Acc

LacZ ← Val Val Ala Leu Ser Asn Ser Ser Pro Val Glu Arg Ile Cys Arg Ser Ile Pro Asp Arg Ala Arg Arg Ser Cys Leu Gly Ala His Leu Ser Pro

CGT AAT CAT GGT CAT AGC TGT TTC CTG 3'

GCA TTA GEA CCA **GTA** TCG ACA AAG GAC 5'

Thr Ile Met Thr Met

M13/pUC reverse sequencing primer (-28), 17-mer