BStX | EcoR | EcoR |

GTA ACG GCC GCC AGT GTG CTG GAA TTC GGC TT
CAT TGC CGG CGG TCA CAC GAC CTT AAG CCG AA

BStX | EcoR |

AA GCC GAA TTC TGC
TT CGG CTT AAG ACG

Ava I PaeR7 I

EcoR V BstX I Not I Xho I Nsi I Xba I Apa I

AGA TAT CCA TCA CAC TGG CGG CCG CTC GAG CAT GCA TCT AGA GGG CCC AAT TCG CCC TAT

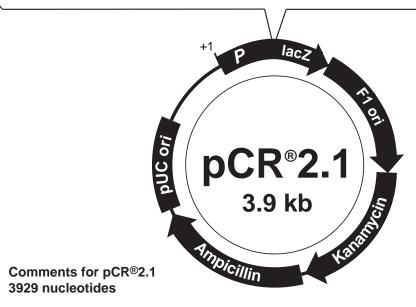
TCT ATA GGT AGT GTG ACC GCC GGC GAG CTC GTA CGT AGA TCT CCC GGG TTA AGC GGG ATA

T7 Promoter

M13 Forward (-20) Primer

AGT GAG TCG TAT TA C AAT TCA CTG GCC GTC GTT TTA C AA CGT CGT GAC TGG GAA AAC

TCA CTC AGC ATA AT GTTA AGT GAC CGG CAG CAA AAT GTT GCA GCA CTG ACC CTT TTG



LacZα gene: bases 1-545

M13 Reverse priming site: bases 205-221

T7 promoter: bases 362-381

M13 (-20) Forward priming site: bases 389-404

f1 origin: bases 546-983

Kanamycin resistance ORF: bases 1317-2111 Ampicillin resistance ORF: bases 2129-2989

pUC origin: bases 3134-3807

