



MCS for pENTR™3C Dual Selection Vector

atL1

352 GGGCCCCAAA TAATGATTTT ATTTTGACTG ATAGTGACCT GTTCGTTGCA ACAAATTGAT
 CCCGGGTTT ATTACTAAAA TAAACTGAC TATCACTGGA CAAGCAACGT TGTTTAACTA

412 AAG CAA TGC TTT TTT ATA ATG CCA ACT TTG TAC AAA AAA GCA GGC TCT
 TTC GTT ACG AAA AAA TAT TAC GGT TGA AAC ATG TTT TTT CGT CCG AGA

DraI *XmnI* *SaI* *BamHI* *KpnI* *EcoRI* *NotI*

460 TTA AAG GAA CCA ATT CAG TCG ACT GGA TCC GGT ACC GAA TTC GCG GCC GCA
 AAT TTC CTT GGT TAA GTC AGC TGA CCT AGG CCA TGG CTT AAG CGC CGG CGT

511 TTA GGC ACC CCA GGC TTT ACA CTT TAT GCT TCC GGC TCG TAT
 AAT CCG TGG GGT CCG AAA TGT GAA ATA CGA AGG CCG AGC ATA -- dual selection cassette --

SaI *EcoRI* *NotI* *XhoI* *EcoRV*

1948 AGG TCG ACG AAT TCG CGG CCG CAC TCG AGA TAT CTA GAC CCA GCT TTC TTG
 TCC AGC TGC TTA AGC GCC GGC GTG AGC TCT ATA GAT CTG GGT CGA AAG AAC

atL2

1999 TAC AAA GTT GGC ATT ATA AGA AAG CAT TGC TTA TCA ATT TGT TGC AAC GAA
 ATG TTT CAA CCG TAA TAT TCT TTC GTA ACG AAT AGT TAA ACA ACG TTG CTT

2050 CAGGTCAC TA TCA GTCAAAA TAAAATCATT ATTTGCCATC CAGCTGCAGC TCTGGCCC GT
 GTCCAGTGAT AGTCAGTTTT ATTTTAGTAA TTTTAGTAAT CAGCT

reverse primer binding site

2110 GTCTCAAAAT CTCTGATGTT ACATTGCACA
 CAGAGTTTTA GAGACTACAA TGTAACGTGT