

pYES2/NT C Multiple Cloning Site

300 GAL1 promoter
TATA box
 TTAACAGATA TATAAATGCA AAAACTGCAT AACCACTTTA ACTAATACTT TCAACATTTT

360 start of transcription
 CGGTTTGTAT TACTTCTTAT TCAAATGTAA TAAAAGTATC AACAAAAAAT TGTTAATATA

420 GAL1 forward priming site 3' end of GAL1 promoter
 CCTCTATACT TTAACGTCAA GGAGAAAAAA CCCC GGATCG GACTACTAGC AGCTGTAATA

480 T7 promoter/priming site Hind III Polyhistidine region
 CGACTCACTA TAGGGAATAT TAAGCTTACC **ATG** GGG GGT TCT CAT CAT CAT CAT
Met Gly Gly Ser His His His His

534 CAT CAT GGT ATG GCT AGC ATG ACT GGT GGA CAG CAA ATG GGT CGG GAT
 His His Gly Met Ala Ser Met Thr Gly Gly Gln Gln Met Gly Arg Asp

582 Xpress™ epitope Asp718 I Kpn I BamHI BstX I* EcoR I
 CTG TAC GAC GAT GAC GAT AAG GTA CCG GGA TCC AGT GTG GTG GAA TTC
 Leu Tyr Asp Asp Asp Asp Lys Val Pro Gly Ser Ser Val Val Glu Phe

630 Enterokinase recognition site EK cleavage site BstX I* Not I Xho I Xba I
 TGC AGA TAT CCA GCA CAG TGG CGG CCG CTC GAG TCT AGA GGGCCCTTCG
 Cys Arg Tyr Pro Ala Gln Trp Arg Pro Leu Glu Ser Arg

679 V5 epitope
 AA GGT AAG CCT ATC CCT AAC CCT CTC CTC GGT CTC GAT TCT ACG CGT
 Gly Lys Pro Ile Pro Asn Pro Leu Leu Gly Leu Asp Ser Thr Arg

726 Polyhistidine region Pme I
 ACC GGT CAT CAT CAC CAT CAC CAT TGA GTTAAACCC GCTGATCCTA
 Thr Gly His His His His His His ***

773 CYC1 reverse priming site
 GAGGGCCGCA TCATGTAATT AGTTATGTCA CGCTTACATT CACGCCCTCC CCCCACATCC

*Note that there are two *BstX I* sites in the polylinker.