Invitrogen™
life technologies

pYES2.1/V5-His TOPO®

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                5´ end of GAL1 promoter
                          TATA box
300  TTAACAGATA TATAAATGCA AAAACTGCAT AACCACTTTA ACTAATACTT TCAACATTTT

                                                 start of transcription
360  CGGTTTGTAT TACTTCTTAT TCAAATGTAA TAAAAGTATC AACAAAAAAT TGTTAATATA
                                 3´ end of GAL1 promoter
     GAL1 Forward priming site                                  Pvu II
420  CCTCTATACT TTAACGTCAA GGAGAAAAAA CCCCGGATCG GACTACTAGC AGCTGTAATA

     T7 promoter
480  CGACTCACTA TAGGGAA TAT TAA GCT CGC CCT T   PCR   AAG GGC GAG CTT
                            ATT CGA GCG GGA A Product TTC CCG CTC GAA
                            *** Ala Arg Pro           Lys Gly Glu Leu
                                                V5 epitope
     BstE II                                V5 C-term Reverse priming site
525  CGA GGT CAC CCA TTC GAA GGT AAG CCT ATC CCT AAC CCT CTC CTC GGT CTC
     Arg Gly His Pro Phe Glu Gly Lys Pro Ile Pro Asn Pro Leu Leu Gly Leu

                                   Polyhistidine region          Xba I
576  GAT TCT ACG CGT ACC GGT CAT CAT CAC CAT CAC CAT TGA GTTTC TAGAGGGCCG
     Asp Ser Thr Arg Thr Gly His His His His His His ***

630  CATCATGTAA TTAGTTATGT CACGCTTACA TTCACGCCCT CCCCCCACAT CCGCTCTAAC
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