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                  pTrcHis Forward Primer          Mini cistron
                RBS
361  AAAATTAAAG AGGTATATAT TA ATG TAT CGA TTA AAT AAG GAG GAA TAA ACC
     TTTTAATTTC TCCATATATA AT TAC ATA GCT AAT TTA TTC CTC CTT ATT TGG
                               Met Tyr Arg Leu Asn Lys Glu Glu ***

                          6xHis tag                gene 10 leader
413  ATG GGG GGT TCT CAT CAT CAT CAT CAT CAT GGT ATG GCT AGC ATG ACT
     TAC CCC CCA AGA GTA GTA GTA GTA GTA GTA CCA TAC CGA TCG TAC TGA
     Met Gly Gly Ser His His His His His His Gly Met Ala Ser Met Thr

                                  Xpress epitope  EK recognition sequence  EK cleavage site
461  GGT GGA CAG CAA ATG GGT CGG GAT CTG TAC GAC GAT GAC GAT AAG GAT
     CCA CCT GTC GTT TAC CCA GCC CTA GAC ATG CTG CTA CTG CTA TTC CTA
     Gly Gly Gln Gln Met Gly Arg Asp Leu Tyr Asp Asp Asp Asp Lys Asp

                 Xho I Sac I
          BamH I          Bgl II      Pst I       Kpn I     EcoR I  BstB I
509  CGA TGG GGA TCC GAG CTC GAG ATC TGC AGC TGG TAC CAT ATG GGA ATT
     GCT ACC CCT AGG CTC GAG CTC TAG ACG TCG ACC ATG GTA TAC CCT TAA
     Arg Trp Gly Ser Glu Leu Glu Ile Cys Ser Trp Tyr His Met Gly Ile

     Hind III
557  CGA AGC TTG GCT GTT TTG GCG GAT GAG AGA AGA TTT TCA GCC TGA
     GCT TCG AAC CGA CAA AAC CGC CTA CTC TCT TCT AAA AGT CGG ACT
     Arg Ser Leu Ala Val Leu Ala Asp Glu Arg Arg Phe Ser Ala ***
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