

121 ATAGGCGCCA GCAACGCGAC CTGTGGCGCC GGTGATGCCG GCCACGATGC GTCCGGCGTA GAGGATCGAG ATCTCGATCC

201 CGCGAAATTA ATACGACTCA CTATAGGGGA ATTGTGAGCG GATAACAATT CCCCTCTAGA AATAATTTTG TTAACTTTA

281 AGAAGGAGAT ATACAT **ATG** GGC AGC AGC CAT CAT CAT CAT CAT CAC GGC AGC GGC CTG GTG CCG CGC GGC AGC
Met Gly Ser Ser His His His His His His Gly Ser Gly Leu Val Pro Arg Gly Ser

354 GCT AGC ATG TCG GAC TCA GAA GTC AAT CAA GAA GCT AAG CCA GAG GTC AAG CCA GAA GTC AAG CCT GAG ACT
Ala Ser Met Ser Asp Ser Glu Val Asn Gln Glu Ala Lys Pro Glu Val Lys Pro Glu Val Lys Pro Glu Thr

426 CAC ATC AAT TTA AAG GTG TCC GAT GGA TCT TCA GAG ATC TTC TTC AAG ATC AAA AAG ACC ACT CCT TTA AGA
His Ile Asn Leu Lys Val Ser Asp Gly Ser Ser Glu Ile Phe Phe Lys Ile Lys Lys Thr Thr Pro Leu Arg

498 AGG CTG ATG GAA GCG TTC GCT AAA AGA CAG GGT AAG GAA ATG GAC TCC TTA AGA TTC TTG TAC GAC GGT ATT
Arg Leu Met Glu Ala Phe Ala Lys Arg Gln Gly Lys Glu Met Asp Ser Leu Arg Phe Leu Tyr Asp Gly Ile

570 AGA ATT CAA GCT GAT CAG ACC CCT GAA GAT TTG GAC ATG GAG GAT AAC GAT ATT ATT GAG GCT CAC AGA GAA
Arg Ile Gln Ala Asp Gln Thr Pro Glu Asp Leu Asp Met Glu Asp Asn Asp Ile Ile Glu Ala His Arg Glu

642 CAG ATT GGT GGT **PCR product** AGACAAG CTTAGGTATT TATTCGGCGC AAAGTGCCTC GGGTGATGCT
GTC TAA CCA CCA **TCTGTTT** GAATCCATAA
Gln Ile Gly Gly

701 GCCAACTTAG TCGAGACCA CCACCACCAC CACTGAGATC CGGCTGCTAA CAAAGCCCGA AAGGAAGCTG AGTTGGCTGC

781 TGCCACCGCT GAGCAATAAC TAGCATAACC