

SEQUENCE LISTING

SEQ ID NO 1:

MGHHHHHHHHHHSSGHIEGRASADGPYLQILEQPKQRGFRFRYVCEGPSHGGLPGASSE
KNKKSYPQVKICNYVGPAKVIVQLVTNGKNIHLHAHSLVGKHCEDGICTVTAGPKDMV
VGFANLGILHVTKKKVFETLEARMTEACIRGYNPGLLVHPDLAYLQAEGGGDRQLGDR
EKELIRQAALQQTKEMDLSVVRMLMFTAFLPDSTGSFTRRLEPVVSDAIYDSKAPNASNL
KIVRMDRTAGCVTGGEIYLLCDKVQKDDIQIRFYEEEEENGGVWEGFGDFSPTDVHRQF
AIVFKTPKYKDINITKPASVQVQLRRKSDLETSEPKPFLYYPEIKDKEEVQRKRQKGSSGT
SGGGSGGGMTLEEARKRVNELRDLIRYHNYRYVVLADPEISDAEYDRLLRELKELEERF
PELKSPDSPTLQVGARPLEATFRPVRHPTRMYSLDNAFNLDELKAFEERIERALGRKGPF
AYTVEHKVDGLSVNLYYEEGVLVYGATRGDGEVGEEVTQNLLTIPTIPRRLKGVPERLE
VRGEVYMPIEAFRLRLNEELEERGERIFKNPRNAAAGSLRQKDPRITAKRGLRATFYALGL
GLEEVEREGVATQFALLHWLKEKGFPVEHGYARAVGAEGVEAVYQDWLKKRRALPFE
ADGVVVKLDELALWRELGYTARAPRFAIAYKFPAEEKETRLLDVVFQVGRTRGVTPVG
ILEPVFLEGSEVSRVTLHNESYIEELDIRIGDWVLVHKAGGVPEVLRVLKERRTGEERPIR
WPETCPECGRLLKEGKVHRCNPPLCPAKRFEAIRHFASRKAMDIIQGLGEKLIERLLEK
GLVKDVADLYRLRKEDLVGLERMGEKSAQNLLRQIEESKKRGLERLLYALGLPGVGEV
LARNLAARFGNMDRLLEASLEELLEVEEVGELTARAILETLKDPAFRDLVRRLKEAGVE
MEAKEKGGEALKGLTFVITGELSRPREEVKALLRRLGAKVTDSVSRKTSYLVVGENPGS
KLEKARALGVPTLTEEELYRLLEARTGKKAEELV

SEQ ID NO: 2:

CAACTAATGAAACAGAAAGTCGTAACCTATCCTCTAGAAAAAGCGACTTCACATCTAT
TAGGTTATGTTGGTCCCATTAACCTCTGAAGAATTAACAAAAAGAAATATAAAGGCT
ATAAAGATGATGCAGTTATTGGTAAAAAGGGACTCGAAAAACTTTACGATAAAAAG
CTCCAACATGAAGATGGCTATCGTGTCACAATCGTTGACGATAATAGCAATACAATC
GCACATACATTAATAGAGAAAAAGAAAAAGATGGCAAAGATATTCAACTAACTAT
TGATGCTAAAGTTCAAAGAGTATTTATAACAACATGAAAAATGATTATGGCTCAG
GTACTGCTATCCACCCTCAAACAGGTGAATTATTAGCACTTGTAAGCACACCTTCAT
ATGACGTCTATCCATTTATGTATGCATGAGTAACGAAGAATATAATAAATTAACCGA

NUCLEIC ACID AMPLIFICATION
Attorney Docket No. 2031.601

AGATAAAAAAGAACCTCTGCTCAACAAGTTCCAGATTACAACCTTCACCAGGTTCAAC
TCAAAAAATATTAACAGCA

SEQ ID NO: 3:

GGCTCAGGTACTGCTATCCACCC

SEQ ID NO: 4:

TTTTGAGTTGAACCTGGTGAAGTTG

SEQ ID NO: 5:

CGCCGGAUGGCUCUUGGGAAACCGAAGACAGCCACAACGGGAAACUAUGUAAAU
UAAAAGGAAUAGCCCCACUACAAUUGGGGAAAUGUAACAUCGCCGGAUGGCUCU
UGGGAAACCCAGAAUGCGACUCACUGCUUCCAGCGAAAUCAUGGUCCUACAUUGU
AGAAACACCAAACUCUGAGAAUGGAGCAUGUUAUCCAGGAGAUUUCAUCGACUA
UGAGGAACUGAAGGAGCAAUUGAGCUCAGUAUCAUUAUAGAAAGAUUCGAAAU
AUUUCCCAAGGAAAGUUCAUGGCCCAACCACAACACACUCAAAAGGAGUAACAGCA
GCAUGCUCUCCAUAGGGGAAAAAGCAGUUUUUACAGAAAUUUGCUAUGGCUGACG
AAAACGGGGGACUCAUACCCAAAGCUGAACAAUUCCUAUGUGAACAAUAAAGGG
AAAGAAGUC

SEQ ID NO: 6:

CGCCGGATGGCTCTTGGGAAACC

SEQ ID NO: 7:

TCGCTGGAAGCAGTGAGTCGCATTC

SEQ ID NO: 8:

CUUCUUGAAUUUGAUGUCUAAGAGUAAUUUGCCAACGUGAGGCCAUCAGAAAGU
AUGGUGCGCAAGUGGCAGGAGCAAGGUAAUAAAAGGGUCCUUGCCUUUAAUUGG
UGAAGCAGAUUGCCUCCACGAAAAAUACGGUGGAUUAAACAAAAGCAAGCCUUA
CUACACAGGAGAACAUGCAAAAGCCAUAGGAAAUUGCCCAUAUAGGGUGAAAAC
ACCCUUGAAGCUGGCCAAUGGAACCAAAUAUAGACCGCCUGCAAAACUAUUAAG
GAAAGAGGUUUCUUCGGAAGCGACAGACAGUAACACUCAACUCUCGACCAUCUGG
UGUAACAACCUCG

SEQ ID NO: 9:

CGGTGGATTAAACAAAAGCAAGCC

SEQ ID NO: 10:

ATTGGCCAGCTTCAAGGGTG