

SEQUENCE LISTING

SEQ ID NO: 1:

MGHHHHHHHHHHSSGHIEGRASADGPYLQILEQPKQRGFRFRYVCEGPSHGGLPGASSE
KNKKSYPQVKICNYVGPAKVIVQLVTNGKNIHLHAHSLVGKHCEDGICTVTAGPKDMV
VGFANLGILHVTKKKVFETLEARMTEACIRGYNPGLLVHPDLAYLQAEGGGDRQLGDR
EKELIRQAALQQTKEMDLSVRLMFTAFLPDSTGSFTRRLEPVVSDAIYDSKAPNASNL
KIVRMDRTAGCVTGGEIYLLCDKVQKDDIQIRFYEEEEENGGVWEGFGDFSPTDVHRQF
AIVFKTPKYKDINITKPASVQVQLRRKSDLETSEPKPFLYYPEIKDKEEVQRKRQKGSSGT
SGGGSGGGMTLEEARKRVNELRDLIRYHNYRYVVLADPEISDAEYDRLLRELKELEERF
PELKSPDSPTLQVGARPLEATFRPVRHPTRMYSLDNAFNLDLKAFEERIERALGRKGPF
AYTVEHKVDGLSVNLYYEEGVLVYGATRGDGEVGEEVTQNLLTIPTIPRRLKGVPERLE
VRGEVYMPIEAFRLRLNEELEERGERIFKNPRNAAAGSLRQKDPRITAKRGLRATFYALGL
GLEEVEREGVATQFALLHWLKEKGFPVEHGYARAVGAEGVEAVYQDWLKKRRALPFE
ADGVVVKLDELALWRELGYTARAPRFAIAYKFPAEEKETRLLDVVFQVGRTRGVTPVG
ILEPVFLEGSEVSRVTLHNESYIEELDIRIGDWVLVHKAGGVPEVLRVLKERRTGEERPIR
WPETCPECGRLLKEGKVHRCNPPLCPAKRFEAIRHFASRKAMDIQGLGEKLIERLLEK
GLVKDVADLYRLRKEDLVGLERMGEKSAQNLLRQIEESKKRGLERLLYALGLPGVGEV
LARNLAARFGNMDRLLEASLEELLEVEEVGELTARAILETLKDPAFRDLVRRLKEAGVE
MEAKEKGGEALKGLTFVITGELSRPREEVKALLRRLGAKVTDSVSRKTSYLVVGENPGS
KLEKARALGVPTLTEEELYRLLEARTGKKAEELV

SEQ ID NO: 2:

GGGATCATCATCCAAGTACTTGGATGATGATCCC

SEQ ID NO: 3

AATTCTCTTTAAATAAACCCA

SEQ ID NO: 4

GACACAATCTGCATGAAATC

SEQ ID NO: 5

AATTCTCTTTAAATAAACCCAAGGGCTATAAAGGCGTTGCTTTCCCTTTGCCAACAG
ATGCTGGCGTAGTAACAGCTGCTGGAACAAAGTCTGCGACCATCAATTATCATGAAT
GGCAGGTAGGAGCCTCTCTATCTTATAGACTCAACTCTTTAGTGCCATACATTGGAG
TCCAATGGTCTCGAGCAACTTTTGATGCTGATAACATCCGCATTGCTCAGCCAAAGC
TACCTACAGCTATTTTAAACTTAACTGCATGGAACCCTTCTTTACTAGGGAGTGCCA
CAGCTGTTTCTTCATCTGATCAATTCTCAGATTTTCATGCAGATTGTGTC

SEQ ID NO: 6:

GACACAATCTGCATGAAATC

SEQ ID NO: 7:

GACACAATCTGCATGAAATC

SEQ ID NO: 8:

GGGATCATCAGCCTAGAAAAAAAAAAAAAAAAAAAAAGTACTTAAAAAAAAATAGGCT
GATGATCCC

SEQ ID NO: 9:

GGGATCATCATCACATAGTACTATGTGATGATGATCCC

SEQ ID NO: 10:

GGGATCATCATCCATCAGTACTGATGGATGATGATCCC

SEQ ID NO: 11:

NUCLEIC ACID AMPLIFICATION
Attorney Docket No. 2025.601

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TGATCCC