**actin-1 (A1)**

ATGTGCGACGACGATGTTCGTGCGCTTGTAGTCGACAATGGCTCCGGCATGTGCAAGGCCGGTTTCGCCGGGGACGACGCGCCCCGGGCCGTCTTCCCGTCCATCGTGGGTCGCCCTCGCCACCAGGGGCTGATGGTCGGTATGGGCCAGAAAGACTCCTACGTGGGTGACGAGGCCCAGAGCAAGAGAGGTATCCTCACTCTGAAGTACCCCATCGAGCACGGTATCATCACCAACTGGGATGACATGGAGAAGATCTGGCACCACACCTTCTACAATGAGCTGCGTGTCGCCCCCGAGGAGCACCCCGTGCTGCTCACCGAAGCCCCCCTCAACCCCAAGGCCAACAGGGAGAAGATGACCCAGATCATGTTTGAGACCTTCAACTCCCCCGCCATGTACGTCGCCATCCAGGCCGTGCTCTCGCTGTACGCCTCCGGTCGTACCACCGGTATCGTGCTCGACTCCGGAGATGGTGTCTCCCACACCGTACCCATCTACGAAGGTTACGCTCTGCCCCACGCCATCCTCCGTCTGGACTTGGCTGGTCGCGACTTGACCGACTACCTCATGAAGATCCTCACCGAGAGGGGTTACTCGTTCACCACCACCGCTGAGAGGGAAATCGTTCGTGACATCAAGGAGAAGCTCTGCTATGTCGCCCTCGACTTCGAGCAGGAGATGGCCACCGCTGCCGCCTCCACCTCCCTCGAGAAGTCCTACGAACTTCCTGACGGTCAGGTGATCACCATCGGTAACGAGAGGTTCCGTTGTCCCGAGGCTCTCTTCCAGCCTTCCTTCCTGGGTATGGAATCGTGCGGCATCCACGAGACCGTGTACAACTCCATCATGAAGTGCGACGTCGACATCCGTAAGGACCTGTACGCCAACACCGTCATGTCCGGTGGTACCACCATGTACCCCGGTATCGCCGACAGGATGCAGAAGGAAATCACCGCCCTCGCGCCCTCGACCATTAAGATCAAGATCATCGCTCCCCCCGAAAGGAAGTACTCCGTATGGATCGGTGGATCCATCCTGGCTTCCCTGTCCACCTTCCAGCAGATGTGGATCTCGAAGGAGGAATACGACGAGTCCGGCCCCGGCATCGTCCACCGCAAGTGCTTCTAA

**actin-3 (A3)**

ATGTGCGACGAAGAAGTTGCCGCGTTGGTAGTAGACAATGGCTCCGGTATGTGCAAGGCCGGTTTCGCAGGAGATGATGCTCCTCGCGCCGTGTTCCCCTCGATCGTCGGAAGGCCCCGCCATCAGGGCGTGATGGTCGGCATGGGACAGAAGGACTCGTACGTAGGAGACGAGGCACAGAGCAAAAGAGGTATCCTGACCCTCAAATACCCCATCGAACACGGAATCGTCACTAACTGGGATGACATGGAGAAGATTTGGCATCATACCTTCTACAATGAGCTGCGTGTCGCCCCCGAGGAACACCCCGTCCTGCTCACTGAGGCTCCCCTGAACCCCAAGGCCAACAGAGAGAAGATGACCCAGATCATGTTCGAAACATTCAACACGCCCGCCATGTACGTCGCCATCCAAGCCGTGCTCTCGCTGTACGCGTCCGGTCGTACCACCGGTATCGTGCTGGACTCCGGCGACGGTGTCTCCCACACCGTGCCCATCTACGAGGGATACGCACTCCCCCACGCCATCCTGCGTCTGGACTTGGCCGGTCGTGACCTCACAGACTACCTCATGAAGATCCTCACCGAGCGCGGCTACTCGTTCACTACCACTGCCGAGCGGGAAATCGTTCGTGATATCAAGGAGAAGCTGTGCTACGTCGCTCTCGACTTCGAGCAGGAGATGGCCACCGCTGCATCCAGCAGCTCCCTCGAGAAGTCTTACGAACTTCCCGACGGTCAGGTCATCACCATCGGAAACGAAAGATTCCGTTGCCCAGAGGCCCTCTTCCAACCCTCGTTCTTGGGTATGGAAGCCAACGGAATCCACGAAACCACATACAACTCCATCATGAAGTGCGACGTGGACATCCGTAAGGACTTGTACGCCAACACCGTATTGTCCGGTGGTACCACCATGTACCCTGGAATCGCCGACCGTATGCAAAAGGAAATCACACGTCTCGCCCCATCGACAATGAAGATTAAGATCATCGCTCCCCCAGAGAGGAAGTACTCCGTATGGATCGGTGGATCGATCCTCGCCTCCCTCTCTACCTTCCAACAGATGTGGATCTCGAAACAGGAGTACGACGAGTCTGGTCCCTCCATTGTACACAGGAAGTGCTTCTAA

**α-tubulin (Tua1)**

ATGCGTGAGTGCATCTCTGTACACGTTGGCCAAGCCGGAGTCCAGATCGGTAATGCCTGCTGGGAGCTTTACTGCCTGGAGCACGGCATCCAGCCTGATGGCCAGATGCCCACAGACAAGACCATCGGGGGTGGAGACGATTCTTTCAACACTTTCTTCAGCGAGACCGGAGCTGGCAAGCACGTACCCCGTGCTCTCTTCGTCGATCTTGAACCTACTGTTGTTGATGAGGTCCGCACTGGCACATACAGACAGTTGTTTCATCCAGAACAACTTATTACTGGTAAGGAAGATGCGGCCAACAACTATGCCCGTGGTCACTACACCATTGGAAAGGAAATCGTAGATTTGGTTTTGGACAGAATCCGCAAGCTCGCTGACCAGTGTACCGGTCTGCAAGGATTCCTGATCTTCCACTCCTTCGGTGGAGGTACCGGCTCTGGGTTCACTTCCTTATTGATGGAGCGTCTCTCCGTTGACTACGGCAAGAAGTCTAAACTGGAGTTCGCCATCTACCCCGCGCCTCAGGTTTCCACTGCCGTCGTCGAGCCCTACAACTCTATCCTCACCACCCACACAACCCTTGAGCACTCTGACTGTGCTTTCATGGTCGACAATGAAGCCATCTATGACATCTGCCGCCGTAATCTCGACATTGAGCCCCCAACCTACACCAACCTGAATCGTCTCATCGGACAGATTGTCTCCTCGATCACTGCTTCTTTGAGATTCGACGGCGCTCTGAATGTGGACCTCACCGAGTTCCAGACTAACTTGGTGCCTTACCCCCGTATCCACTTCCCACTGGTCACGTACGCGCCAGTCATCTCTGCCGAGAAGGCCTACCATGAACAGCTTTCCGTCGCCGAGATCACAAACGCATGCTTCGAGCCCGCCAACCAGATGGTGAAATGCGACCCCCGTCATGGCAAGTACATGGCTTGCTGTATGCTGTACCGTGGTGACGTCGTACCCAAGGATGTGAACGCGGCCATCGCTACCATCAAAACCAAGCGTACTATCCAATTCGTCGACTGGTGTCCAACCGGTTTCAAGGTCGGTATCAACTACCAGCCACCCACCGTGGTGCCCGGAGGCGACTTGGCCAAGGTTCAACGTGCCGTCTGCATGTTGTCCAACACCACCGCCATCGCCGAAGCTTGGGCTCGCCTTGACCACAAGTTCGACCTCATGTACGCCAAGCGTGCTTTCGTGCACTGGTACGTCGGTGAGGGTATGGAGGAGGGAGAGTTCTCCGAAGCCCGTGAGGACCTGGCTGCCCTCGAGAAGGATTACGAAGAAGTCGGCATGGACTCCGCTGAAGGCGAGGGTGAGGGAGCCGAAGAGTACTAA

**β-tubulin (Tub1)**

ATGAGGGAAATCGTTCATCTACAGGCCGGCCAATGTGGTAACCAGATTGGAGCTAAGTTCTGGGAGATCATCTCCGACGAGCACGGCATCGACCCCACCGGTGCCTACCATGGGGACTCTGACTTGCAGTTGGAGCGCATCAATGTATACTACAATGAAGCCTCCGGCGGCAAGTACGTGCCCCGCGCCATCCTCGTCGACTTGGAGCCCGGCACCATGGACTCTGTCCGCTCCGGACCTTTCGGACAGATCTTCCGTCCGGACAACTTCGTCTTCGGACAGTCCGGCGCCGGCAACAACTGGGCCAAGGGACACTACACAGAGGGTGCTGAGCTCGTTGACTCGGTCCTCGATGTAGTCCGCAAAGAATCAGAATCTTGCGATTGCCTACAGGGCTTCCAACTTACACATTCCCTCGGTGGCGGCACCGGGTCCGGTATGGGCACCCTCCTCATCTCAAAGATCCGTGAAGAGTACCCCGACAGAATCATGAACACATACTCAGTAGTCCCCTCGCCCAAAGTATCAGACACTGTCGTCGAACCATACAATGCGACTCTCTCAGTTCACCAGCTAGTTGAAAACACAGACGAAACCTACTGCATCGACAACGAGGCTCTATACGACATCTGCTTCCGCACTCTCAAACTGTCCACACCCACCTACGGTGACCTTAACCACTTAGTTTCCCTCACAATGTCTGGTGTCACCACTTGCCTTAGGTTCCCCGGTCAGTTGAACGCTGATCTCAGAAAATTGGCCGTAAACATGGTTCCCTTCCCGCGTCTCCACTTCTTCATGCCAGGTTTCGCTCCCCTCACATCCCGTGGAAGCAGACAGTACCGTGCCTTGACTGTACCCGAGCTCACACAACAGATGTTCGACGCCAAGAACATGATGGCCGCCTGTGACCCGCGCCACGGCCGCTACCTCACCGTCGCTGCCATCTTCCGCGGTCGCATGTCCATGAAGGAGGTCGACGAGCAAATGCTTAACATCCAGAACAAGAACTCCTCATACTTCGTGGAATGGATCCCCAACAACGTGAAGACCGCCGTGTGCGACATTCCTCCTCGTGGTCTCAAGATGGCCGCCACCTTCATCGGAAACTCCACCGCCATCCAGGAGCTGTTCAAGCGCATCTCGGAACAGTTCACCGCTATGTTCAGGCGCAAGGCTTTCTTGCATTGGTACACCGGCGAGGGCATGGACGAGATGGAGTTCACCGAGGCTGAGAGCAACATGAACGACCTTGTCTCTGAGTACCAACAGTACCAGGAGGCCACCGCCGACGAGGACGCAGAGTTTGACGAAGAGCAGGAGCAGGAGATTGAAGAGCATTAA

**glyceraldehyde-3-phosphate dehydrogenase (GAPDH)**

ATGTCAAAAATTGGAATCAATGGATTTGGCCGCATTGGCCGTTTGGTGCTCCGTGCTTCTATTGAAAAGGGAGCTCAAGTGGTCGCTATAAATGACCCTTTCATCGGTCTTGACTATATGGTTTATCTTTTCAAGTATGATTCCACCCATGGCCGTTTTAAGGGCAGTGTTGAGGTTCAGGATGGATTCCTTGTTGTTAACGGTAACAAAATTGCCGTTTTCTCAGAAAGGGACCCTAAGGCCATTCCATGGGGAAAAGCTGGGGCTGAATATGTTGTAGAGTCTACTGGTGTCTTTACCACTACAGATAAAGCATCTGCTCACTTGGAGGGAGGTGCTAAAAAAGTTATTATATCAGCTCCCAGTGCTGATGCCCCCATGTTTGTTGTGGGTGTTAACCTAGAAGCTTATGACCCCTCTTTTAAGGTCATCTCAAATGCTTCTTGCACCACAAACTGTCTTGCCCCACTTGCAAAGGTTATTCATGATAACTTTGAAATTGTTGAGGGCTTGATGACTACTGTTCATGCCACAACTGCTACACAGAAAACTGTTGATGGACCTTCTGGAAAATTATGGCGTGATGGCCGTGGTGCTCAACAAAACATCATTCCTGCCTCTACTGGTGCTGCCAAAGCTGTGGGTAAGGTTATCCCTGCTCTTAATGGCAAGCTGACTGGAATGGCATTCCGCGTCCCTGTTGCTAATGTATCTGTTGTTGATCTAACTGTTCGTCTTGGAAAACCTGCAAGCTATGAAGCCATCAAGCAAAAGGTCAAGGAGGCAGCYGAAGGTCCTTTGAAGGGCATTCTCGGGTATACTGAAGATCAAGTTGTGTCCTCAGACTTCATTGGTRATTCACACTCTTCAATCTTTGATGCTGCCGCTGGAATTTCTTTGAATGACAACTTTGTGAAGCTGATCAGTTGGTACGACAATGAATATGGTTATTCCAGCAGAGTCATTGATCTCATCAAGTACATTCAATCTAAAGATTAA

**eukaryotic translation initiation factor 4A (Eif4a)**

ATGTCTTATTCGTCTGAAAGAAGGTCAGAAGATGGGCCAGAGGATTCCAAAAATGGGCCATCGAAGGATCAAGGTAGTTACGATGGACCTCCGGGAATGGACCCTGGGACACTTGACACCGACTGGGATCAAGTTGTCGAAACCTTCGATGACATGAACCTCAAAGAAGAATTGTTGAGAGGCATATACGCCTATGGTTTTGAAAAACCTTCTGCAATCCAGCAACGCGCAATAATGCCTTGCATCCAAGGACGCGATGTTATCGCTCAAGCCCAGTCAGGAACTGGAAAAACTGCTACTTTCTCTATATCGATTCTACAACAAATCGATACAAGCATTCGTGAATGTCAAGCTTTGATCCTGGCTCCCACAAGAGAGCTGGCCCAACAAATTCAGAAGGTGGTGATAGCTCTTGGTGATCACTTGAATGCTAAATGCCATGCTTGCATTGGTGGCACCAATGTCCGTGAAGATATTCGCCAACTGGAGAGTGGTGTTCATGTGGTGGTGGGCACTCCAGGTCGTGTATATGATATGATAACTCGTCGTGCGCTTCATGCCAACACCATCAAACTTTTTGTTCTTGATGAAGCTGATGAAATGTTGTCCAGAGGTTTCAAGGACCAGATCCATGATGTCTTCAAGATGTTGTCAGCTGATGTTCAAGTCATATTACTCTCTGCTACCATGCCTGATGATGTATTGGAAGTATCTCGATGCTTTATGAGAGATCCTGTACGCATACTTGTACAGAAGGAAGAGCTTACCCTGGAAGGTATTAAACAATTTTACATTGCAATTGAATTAGAAGAATGGAAGCTGGAAACTCTGTGTGACCTGTATGATACACTGTCTATTGCACAAGCTGTAATTTTCTGCAACACCCGTCGCAAGGTGGATTGGCTCACTGAATCTATGCATCTGCGTGACTTTACTGTATCTGCTATGCATGGAGACATGGATCAACGTGAGCGTGAAGTGATCATGAGGCAGTTTCGTACTGGCTCTTCTCGTGTCTTGATCACCACTGATTTATTGGCACGTGGTATTGATGTACAGCAAGTTTCCTGCGTCATCAACTATGATCTGCCATCCAACCGTGAAAATTATATTCACAGGATTGGACGAGGTGGACGTTTTGGTCGTAAGGGAATTGCTATCAACTTTGTGACTGAAGCTGACAGGAGAGCACTGAAGGATATTGAGGACTTCTACCACACTAGTATCGTTGAAATGCCCAGTGATGTGGCCAACCTCATCTAA

**28S large subunit ribosomal RNA gene (28S)**

TGAAGAGCCTCTAGTCGATAGAATAATGTAGGTAAGGGAAGTCGGCAAATTGGATCCGTAACTTCGGAATAAGGATTGGCTCTGAGGACCGGGGCGTGTCGGGTTTGGACGGGAAGCGGATGCGGCCGGTGCCGGGTCTGGTCGATGTTCGTGCGTTATGTTCGTTTTAGCGAGTTAGTATTTTAATATAATGCGGCCTCAAAAACTGTATATATTTAATATGACACTCGCGAAAATCGTCTTACGTTTCGGACTGGATCCGGACCCGCGTTCTCCGGCCTTCCGCGGATCTTCCTAGCCGTAAGGTCGTGTCGGTTTCGTTTCGTGCGCGATCGGCACGATTCTGTACGACCGCCGTTCAACGGTCAGCTCAGAACTGGCACGGACAAGGGGAATCCGACTGTCTAATTAAAACAAAGCATTGCGATGGCCCTCGCGGGTGTTGACGCAATGTGATTTCTGCCCAGTGCTCTGAATGTCAACGTGAAGAAATTCAAGCAAGCGCGGGTAAACGGCGGGAGTAACTATGACTCTCTTAAGGTAGCCAAATGCCTCGTCATCTAATTAGTGACGCGCATGAATGGATTAACGAGATTCCCACTGTCCCTATCTACTATCTAGCGAAACCACAGCCAAGGGAACGGGCTTGGGAGAATCAGCGGGGAAAGAAGACCCTGTTGAGCTTGACTCTAGTCTGGCATTGTAAGGAGACATGAGAGGTGTAGCATAAGTGGGAGATCGTTTCGCGCGATCGTCGCTGAAAAACCACTACTTTCATTGTTTCATTACTTACTCGGTTGGGCGGAAGCGGTGCGCGGTCGATAATATCGGCGGGCGCACGGTGTTTCGTTCCAAGCGTGCAGAGTGGTGACGTGGCGGAAACGCTCGTCGCCGTTTAAAACTCCCGCGTGATCCGGTTCGAGGACACTGCCAGGCGGGGAGTTTGACTGGGGCGGTACATCTGTCAAAGAATAACGCAGGTGTCCTAAGGCCAGCTCAGCGAGGACAGAAACCTCGCGTGGAGCAAAAGGGCAAAAGCTGGCTTGATCCAGATGTTCAGTACGCATAGGGACTGCGAAAGCACGGCCTGTCGATCCTTTAGTATAAAGAGTTTTTAGCAAGAGGTGCCAGAAAAGTTACCACAGGGATAACTGGCTTGTGGCAGCCAAGCGTTCATAGCGACGTTGCTTTT

**ribosomal protein L32 (RPL32)**

ATGGCTATAAGACCTGTTTACAGGCCGACAATCGTCAAAAAGAGGACGAAGAGATTTATCAGGCATCAATCGGATCGCTATGACAAACTTAAGAGGAATTGGCGTAAACCTAGAGGTATTGACAACAGAGTCCGCAGGCGGTTCAAGGGTCAATACTTGATGCCCAACATTGGTTACGGTTCCAACAAGAAGACCCGTCATATGCTCCCAAATGGATTCCGTAAGGTCCTAGTTCACAATGTTAAAGAGCTGGAAATCTTGATGATGCAAAACAGGAAGTACTGCGCAGAGATCGCTCATGGTGTCTCTTCGAAGAAGCGGAAGCTGATCGTGGAAAGAGCCCAGCAGCTCAGCATCAGAGTGACGAATGCGGCCGCTCGCCTCCGGTCCCAGGAGAATGAATAA

**ribosomal protein L3 (RPL3)**

ATGTCGCACAGAAAATTTTCAGCACCCCGTCATGGGTCTATGGGATTCTATCCCAAAAAGAGGTCCCGTCGTCATCGTGGTAAGGTCAAGGCGTTCCCGAAAGACGACCCTAGCAAACCTGTTCATTTGACTGCTTTTATCGGTTATAAGGCCGGTATGACCCACGTGGTTAGAGAACCTGACCGTCCCGGTTCAAAAATCAACAAGAAAGAGATCGTGGAGGCTGTCACCATCATCGAGACTCCTCCGATGGTTTGTGTCGGTGTTGTTGGATACATTGAGACCCCTCATGGACTACGCGCTCTTTTGACTGTCTGGGCGGAGCATATGTCTGAAGACTGTCGACGTCGCTTCTACAAAAACTGGTACAAATGCAAGAAGAAGGCTTTCACTAAAGCCAGTAAGAAATGGCAGGATGAGCTTGGACGCAAATCAATAGAAAAAGATTTCAAGAAGATGATCCGCTACTGTAGTGTTGTAAGAGTCATTGCCCACACTCAAATGAAGCTGTTAAAACAGCGACAAAAGAAGGCTCACATTATGGAAATCCAACTTAACGGTGGTACCATCGAGGACAAAGTGAAATGGGCCAGAGAACATCTGGAGAAACCTATCCCTGTCGATTCTGTGTTTGCCCAAGATGAAATGATTGACTGCATTGGTGTCACCAAGGGCAAAGGATACAAAGGTGTCACTTCTCGTTGGCACACAAAGAAGCTACCCCGTAAGACACACAAGGGTCTTAGGAAAGTTGCCTGCATTGGAGCTTGGCATCCTTCTAGGGTGTCGTTCACTGTAGCTCGTGCTGGTCAGAAAGGTTATCATCACCGTACTGAAATGAACAAGAAAATCTATCGTATTGGACAAGGAATCCACAAAAAGGATGGCAAAGTTATTAAAAACAATGCATCTACTGAGTATGACTTGTCTGAGAAATCCATTACACCAATGGGAGGTTTCCCCCATTATGGTGAAGTAAACAACGACTTTGTGATGATCAAGGGTTGCTGCATGGGACCTAAAAAGCGTATCATTACTCTTAGAAAGTCTCTGCGTGTGCATACAAAGAGGGCTGCACTAGAAAAGATCAACCTCAAATTCATTGACACCTCGTCCAAGTTCGGTCATGGTCGATTCCAGACGCCGGCTGACAAGGCTGCATTCATGGGTACACTCAAGAAGGATCGTATTCGCGAAGAAGCTGCGGCTACCACAACCCCAGCGGCTGCTGCGCACCTTTAA

**ribosomal protein L40 (RPL40)**

ATGCAAATATTCGTCAAAACCCTTACGGGGAAGACCATTACATTGGAGGTGGAAGCTTCCGACACTATCGAAAATGTCAAAGCTAAAATCCAAGACAAGGAAGGTATTCCTCCAGACCAACAACGTCTCATCTTTGCCGGGAAACAATTAGAAGATGGCCGCACTCTTTCAGACTATAACATCCAGAAAGAATCCACACTTCACCTGGTTTTGAGACTTAGAGGAGGTACAATTGAACCTTCCCTTCGCATTCTCGCCATGAAGTATAACTGTGAGAAAATGATTTGCCGTAAATGCTATGCCCGTCTTCATCCTCGTGCTACCAACTGTCGCAAGACAAAGTGCGGACACACTAACAATTTGAGACCCAAAAAGAAGATCAAGGATTAA

**TATA-box-binding protein (TBP)**

ATGGATCATATGCTGCCAAGTCCGTATAACATACCTGGAATAGGTACACCATTGCATCAACCTGAAGAAGACCAGCAAATCTTGCCTAATGCAATGCAACAGCAACAGCTTCAACAGCAACAGTCACAGGCGCAACCGTCACTTGCCGCTCTGGGTTCGTCGCCAATTGTAGGATTTGGCGCAATCATGGGGACTCCACAGAGGTCTATGCACACATATGCACCAACAGCCAGCTATGCAACTCCGCAACAGATGATGCAGCCCCAAACTCCACAAAATATGATGTCTCCGATGATAGCTGCAGGAAATCTATCAAGTCAACAAATGCTAAGCCAAGCTAGTCCTGCCCCAATGACTCCTCTGACACCACTCTCTGCAGACCCTGGAATTTTACCACAGTTACAAAACATAGTCTCTACTGTAAATCTTGACTGCAAATTAGATTTGAAGAAGATTGCATTACATGCTCGTAATGCTGAGTATAATCCCAAACGTTTTGCTGCTGTAATTATGAGAATAAGGGAACCGAGAACAACAGCTTTAATTTTCTCATCTGGTAAAATGGTCTGTACTGGTGCCAAAAGTGAGGAAGACTCCCGTTTAGCGGCAAGAAAATATGCTAGAATAATCCAGAAATTAGGTTTCACAGCAAAATTTTTAGATTTCAAAATACAGAACATGGTCGGTAGTTGCGATGTGAAGTTCCCCATAAGGCTTGAAGGCTTAGTACTAACACACGGACAGTTCAGTTCTTATGAGCCTGAATTATTCCCTGGCCTTATTTACAGAATGGTCAAACCTAGGATAGTTCTTTTGATCTTTGTTTCAGGAAAAGTTGTATTGACTGGGGCCAAAGTAAGGGAAGAAATATATGAAGCCTTTGACAATATATATCCAATACTTAAAAGTTTCAAAAAACAATAG

**elongation factor 1 alpha (EF1a)**

ATGGGCAAGGAAAAGACTCACATTAACATTGTCGTCATCGGACACGTCGACTCCGGCAAGTCCACCACCACTGGTCACTTGATCTACAAATGTGGTGGTATTGACAAACGTACCATCGAGAAGTTCGAGAAGGAGGCCCAGGAAATGGGTAAAGGATCCTTCAAATATGCTTGGGTATTGGACAAACTAAAGGCTGAGCGTGAGCGTGGTATCACAATCGATATTGCTCTCTGGAAGTTCGAAACTAGCAAGTACTATGTTACCATCATTGATGCTCCTGGACACAGAGATTTCATCAAGAACATGATCACAGGAACCTCTCAGGCTGATTGCGCTGTGCTCATCGTAGCTGCCGGTACCGGTGAATTCGAAGCTGGTATCTCTAAGAACGGTCAAACCCGTGAGCATGCCTTGCTCGCTTTCACCCTCGGTGTCAAACAGCTCATCGTAGGAGTAAACAAAATGGATTCCACTGAACCACCATACAGTGAGCCCAGATTTGAGGAAATCAAGAAGGAAGTATCCTCATACATCAAGAAGATTGGCTACAACCCAGCTGCTGTCGCTTTCGTGCCCATTTCTGGATGGCACGGAGACAACATGTTGGAGCCTTCAACCAAAATGCCTTGGTTCAAGGGATGGCAGGTGGAGCGTAAGGAAGGCAAAGCTGACGGAAAATCCCTCATTGAAGCTCTCGATGCCATCCTGCCACCTGCCCGCCCCACTGACAAGCCCCTGCGTCTTCCCCTGCAAGACGTATACAAAATCGGTGGTATTGGTACCGTGCCCGTCGGCAGAGTTGAAACTGGTGTGTTGAAACCAGGTACCATTGTTGTCTTTGCCCCCGCCAACATCACTACTGAAGTCAAGTCTGTGGAGATGCACCACGAAGCTCTCCAAGAAGCTGTACCTGGAGACAATGTAGGTTTCAACGTAAAGAACGTGTCCGTCAAGGAATTGCGTCGTGGTTATGTTGCTGGTGACTCCAAAAACAACCCACCTAAGGGTGCTGCAGATTTTACAGCTCAAGTCATTGTGCTTAACCATCCTGGTCAAATCTCAAACGGTTACACACCAGTCTTGGATTGCCACACTGCCCACATTGCCTGCAAATTTGCAGAAATCAAAGAAAAAGTTGACCGTCGTACTGGTAAATCTACTGAAGTCAACCCAAAATCCATCAAGTCTGGAGATGCAGCCATTGTCAACTTGGTACCTTCCAAGCCTCTATGTGTAGAGTCCTTCCAGGAATTCCCACCCCTCGGTCGTTTTGCTGTCCGTGACATGAGGCAGACAGTTGCTGTCGGAGTCATCAAGGCTGTCAACTTCAAGGAGGCTGGTGGTGGCAAGGTCACTAAAGCTGCCGAAAAGGCCACCAAGGGCAAGAAGTAG

**elongation factor 1 gamma (EF1g)**

ATGGCGGCCGGGGTACTTTACACTTATCCGGAAAACTTCCGCGCTTATAAAGCGTTGATCGCCGCACAATATTCCGGGACTGATGTGAAAGTAGCACCGAATTTCGTATTTGGCGAGACCAACAAGTCCGAAGACTTCTTGAAGAAGTTTCCTGCCGGAAAAGTGCCTGCATTCGAAAGTGCCGATGGAAAGGTGCTCCTAACTGAAAGCAATGCCATCGCTTACTACGTTGCCAATGAAAGTCTCCGCGGAGGAGATCTGGCTACCCAAGCCCGTGTCTGGCAGTGGGCATCATGGTCTGACAGCGAACTACTGCCTGCTTCCTGCGCTTGGGTCTTCCCTTACCTTGGTATCATGCAATTCAACAAACAGAATGTTGAACGTGCAAAGTCTGACCTACTGGCCGCCTTAAAAGTACTGGACGGACATCTTCTCACACGCACCTTCCTTGTTACCGAGAGAATCACACTTGCCGATGTCATTGTCTTCAGTACACTGCTGCATGCTTTCCAGCACGTGCTAGACCCGAGCGTCCGTTCGTCGCTGATAAACGTTCAGCGTTGGTTCCTGACCGTCGCCCACCAGCCGCAAGTGTCGGCCGTCGTCGGCTCGCTCACGCTCTGTGCGGCTCCTCCTACATACGACCCTAAAAAGTACCAGGAGTTAGCTGGTGCACAGAACAAGAAGGAGGGCAAAAAAGATAAGAAGTGTGAAAAGAAAGAGCAACCCAAGAAGAAGGAGGAAGTTGTTCCTGACCTTGAAGAGGAGGAGCTTGAAAAGCCTAAGGAGTCCAAGGACCCCTTCGACTCTATGCCTAAAGGTACCTTCAACATGGATGATTTCAAGCGTGTCTACTCCAACGAAGACGAAGCTAAATCTATTCCTTACTTCTGGGAGAAGTTTGACCCCGAGAACTATTCCATTTGGTATGCCGAATACAAATACCCTGAGGAACTCGCTAAGGTGTTCATGAGCTGTAACCTTATTACGGGTATGTTCCAGAGGTTAGACAAAATGCGCAAACAGGCTTTCGCATCCGTCTGCCTGTTTGGTGAAGACAACAATTCCACCATCTCCGGAGTGTGGGTGTGGCGCGGAAAGGAGCTCGTGTTCCCGCTGTCGTCTGATTGGCAGGTGGACTACGAGTCCTACGACTGGAAGAAACTGGATCCTTCGAGCGAGGAGACCAAGAAACTTGTCCAGGACTACTTCTCGTGGAACGGAACCGACAAAGACGGTAGAAAGTTCAACCAGGGCAAGATATTCAAGTGA