

```

3181 ctggagagca caatattgag gaaactgagc aactgagca gaagaggaat gtgatcagga
3241 ttatcccca ccacaactac aatgctgcta tcaacaagta caacctgac attgccctcc
3301 tggaactgga tgaaccctcg gtcttgaaca gctatgtgac acccatctgt attgctgata
3361 aagagtacac caacatcttc ttgaaatttg ggtctggata tgtgtctggc tggggcaggg
3421 tgttccataa aggcaggtct gccctggtat tgcagtattt gaggggtgct ctggtggata
3481 gagcaacctg cttgctgagc accaagttta caatctacaa caatatgttc tgtgcaggg
3541 tccatgaagg tggtagagac agctgccagg gagattctgg ggggtcccat gtgactgagg
3601 tggagggaac cagcttcctg actgggatta tcagctgggg tgaggagtgt gctatgaagg
3661 gaaagtatgg gatctacaca aaagtatcca gatatgtgaa ctggattaag gagaaaacca
3721 agctgacttg atgaaagatg gatttccaag gtttaattcat tgggaattgaa aattaacaga
3781 gatctagagc tgaattcctg cagccagggg gatcagcctc tactgtgctc tctagtgtcc
3841 agccatctgt tgtttgcccc tcccccttgc cttccttgac cctggaagggt gccactccca
3901 ctgtcctttc ctaataaaat gaggaaattg catcacattg tctgagtagg tgtcattcta
3961 ttctgggggg tggggtgggg caggacagca aggggggagg ttgggaagac aatagcaggc
4021 atgctgggga tgcagtgggc tctatggtt ctgaggcaga aagaaccagc tggggctcga
4081 gatccactag ggccgcagga acccctagtg atggagtgtg ccactccctc tctgcgcgt
4141 cgctcgctca ctgaggccgc ccgggcttg cccgggcggc ctgagtggc gagcggcgc
4201 gcagctgcct gcaggggcag cttgaaggaa atactaaggc aaaggtactg caagtgtcg
4261 caacattcgc ttatgcggat tattgcgta gtgccgcgac gccgggggca agatgcagag
4321 attgccatgg tacaggccgt gcggttgata ttgccaaaac agagctgtgg gggagagttg
4381 tcgagaaaag gtgcggaaga tgcaaaaggc tcggctattc aaggatgcca gcaagcgca
4441 catatcgcgc tgtgacgatg ctaatcccaa accttacca acccacctgg tcacgcactg
4501 ttaagccgct gtatgacgct ctggtggtgc aatgccacaa agaagagtca atcgcagaca
4561 acattttgaa tgcggtcaca cgttagcagc atgattgcca cggatggcaa catattacg
4621 gcatgatatt gacttattga ataaaattgg gtaaatttga ctcaacgatg ggttaattcg
4681 ctggttgggt tagtgagatg aaaagaggcg gcgcttacta ccgattccgc ctagtgtgtc
4741 acttcgacgt atcgtctgga actccaacca tcgcaggcag agaggtctgc aaaatgcaat
4801 cccgaaacag ttgcgagga atagttagag cctgcataac ggtttcggga tttttatat
4861 ctgcacaaca ggtaagagca ttgagtcgat aatcgtgaag agtcggcgag cctggttagc
4921 cagtgtcttt tccgttgtgc tgaattaagc gaataccgga agcagaaccg gatcaccaaa
4981 tgcgtacagg cgtcatcgcc gccacgaacc agcacaacc aaactgagcc gtgaccactg
5041 tctgtctctga attcattagt aatagttacg ctgcggcctt ttacacatga ccttcgtgaa
5101 agcgggtggc aggaggtcgc gctaacaacc tctgcgctt ttgcccgtgc atatcgttca
5161 cgaacaaatc tgattactaa acacagtagc ctggatttgt tctatcagta atcgacctta
5221 ttccctaata aatagagcaa atccccctat tgggggttaag acatgaagat gccagaaaaa
5281 catgacctgt tggccgccat tctgcggcca aaggaacaag gcatcggggc aatccttgcg
5341 tttgcaatgg cgtaccttcg cggcagatat aatggcggtg cgtttacaaa aacagtaatc
5401 gacgcaacga tgtgcgccat tatcgctag ttcattcgtg accttctcga cttcccgga
5461 ctaagtagca atctcgctta tataacgagc gtgtttatcg gctacatcgg tactgactcg
5521 attggttcgc ttatcaaacg cttcgctgct aaaaaagccg gagtagaaga tggtagaaat
5581 caataatcaa cgtaaggcgt tctcgatat gctggcgtgg tcggagggaa ctgataacgg
5641 acgtcagaaa accagaaatc atggttatga cgtcattgta ggcgagagc tatttactga
5701 ttactccgat caccctcgca aacttgtcac gctaaacca aaactcaaat caacaggcgc
5761 cggacgcgtac cagcttcttt cccgttggtg ggatgcctac cgcaagcagc ttggcgtgaa
5821 agacttctct ccgaaaagtc aggacgctgt ggcattgcag cagattaagg agcgtggcgc
5881 ttactctatg attgatcgtg gtgatatccg tcaggcaatc gaccgttgca gcaatatctg
5941 ggcttcactg ccgggcgctg gttatggtca gttcgagcat aaggctgaca gcctgattgc
6001 aaaattcaaa gaagcggcg gaacggtcag agagattgat gtatgagcag agtcaccgcg
6061 attatctccg ctctggttat ctgcatcatc gtctgcctgt catgggctgt taatcattac
6121 cgtgataacg ccattacctt caaagcccag cgcgacaaa atgccagaga actgaagctg
6181 gcgaacgcgg caattactga catgcagatg cgtcagcgtg atgttgctgc gctcgatgca
6241 aaatacacga aggagttagc tgatgctaaa gctgaaaatg atgctctgcg tgatgatgtt
6301 gccgctggtc gtcgtcggtt gcacatcaa gcagtctgtc agtcagtgcg tgaagccacc
6361 accgcctccg gcgtggataa tgcagcctcc ccccgactgg cagacaccgc tgaacgggat
6421 tatttcaccc tcagagagag gctgatcact atgcaaaaac aactggaagg aaccagaaag
6481 tatattaatg agcagtgcag atagagttgc ccatactgat gggcaactca tgcaattat
6541 gtgagcaata cacacgcgct tccagcggag tataaatgcc taaagtaata aaaccgagca
6601 atccatttac gaatgtttgc tgggtttctg ttttaacaac attttctgcg ccgccacaaa
6661 ttttggtgc atcgacagtt ttcttctgcc caattccaga aacgaagaaa tgatgggtga
6721 tgggttctct tgggtgctact gctgcgggtt tgttttgaa agtaaacgtc tgttgagcac
6781 atcctgtaat aagcagggcc agcgcagtag cgagtagcat tttttcatg gtgttatcc
6841 cgatgctttt tgaagtccgc agaatcgtat gtgtagaaaa ttaacaaaac ctaaaacaat
6901 gagttgaaat ttcatattgt taatatatat taatgtatgt cagggtgcgt gaatcgtcat
6961 tgtattcccg gattaaactat gtccacagcc ctgacgggga acttctctgc gggagtgctc
7021 gggaataatt aaaacgatgc acacagggtt tagcgcgtac acgtattgca ttatgccaac
7081 gcccgggtgc tgacacggaa gaaaccggac gttatgatgt agcgtggaaa gatttgtgta
7141 gtgttctgaa tgcctcagc aaatagtaat gaattatcaa aggtatagta atatctttta
7201 tgttcatgga tatttgaac ccacggaaa actcctgctt tagcaagatt ttccctgtat

```

Figura 12A cont.