

TTTTCGATTTGAAAAAAACAACAGGCACGCCACGCAACAAAAACAAACAAAAAACAACAAAAAACAACAAAAATTGGAC
AAAAAGGGCACCTGACGGCCCGAAAAAAACAGCCAGCAGGGAAAAAGAAAAAAAACAAAATACAACAAAGAAAA
AACTAAAAAAACGGAAAAAAACGGAAAAAAACGGCCATCGACCTATCGACAAAAATTTCGT
AAAAGACAAAAAAATAAGAAAGGAAGAAAGGAAGAAAGGAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGA
AAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGA
AAGAAAGAAAGAAAGGAAGAAAGAAAGCAAGCAAGCAAGAAAGAAATCAATCAAGGAAGAAATCAACTAAAGAAAGC
AAGAAACAAATAACAAACAAACGAACCAAGAAGGAACGAAGGAATCAATCAAGGAATCAATCAATCAATCAATC
AATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATC
AATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATC
TTTTAAAAAACACAAGAAAACAGAAAATAAACACACAAAAAGACACAAACAAATACACAAACTTTTACAAAA
ACTCAAAAAAAACACAAAATAACAAACAAAAACACAAAAAAACACACAAAAAGACACAAACAAATACACAAACTTTTACAAAA
AACGAAACAAACTAAGAAAAAGCTTTACAAAACAATACAAAAAAACAAATAAGAACAAATAACGAAAGAAACAAAC
AACCAACCAACAAAAAAACAAAAAGAAATAACAACACACCACAGAGACATACAACGCAACCCACAACACTACATAGAGCGAC
CTACGAACGCACGTACAAGAAGATATAGCAAGCCAGGGACTAACTCACACCACGAGTACTAAAGCACCCTAGGAAGATATCAAT
CGATCTATTACACCGAGCCATCAGGAGGTAGACCCTTTACAAAAACTAAAACAAAAAGAAATAACAAACAAACAAACAAAA
AAAAAAAGAAAGAAAGAAACAAATAATAATAATAACCAACAAAGACACAAACTAAGATTTCACAAAATCAACAC
AAAAAAAGAAAGAAAGAAACAAATAATAATAATAACCAACAAAGACACAAATAGAC
ATACAACACAGCAACACCAGGCCACAACGACATATAGCGACCTACGAACACCCACAAGGGACATATGCACTCACCAATCCAGTTAC
ACCCAGATGCAGGTACTAACCTTCGGAAAAATAAAACAAAAAGACACAAACAAATACACAAAATTAAAATCTTAGCAGCCT
ACTCGTCGTGATTGGTATCAAACAACTGGCCTCTAACACACGTGATCGAATCGCAGCGACATGCCCTGTGCTCGGCCAATCACC
GTCGAATTAGTCATTGGCGTACTGAAACGATCGTATCGCCACAGGGACAGACCAACCCACCAACAAAACCAAGAAGAGCGT
CGATTCCGTAGGAAAGAAGCGGATCATCCCCAAGTCACAAACATGGCGTGGACCGCTGGTCAGAAATCCACATAGAATCCGATGAG
CCCTCTCACAGGGACTACCCTGACGGCTACTATGAACCTAAATCATTAAAAAGAGGAGTAGATATCCTCGATGCTAAGCT
CTCTCGCTGAGTTGCGCTACGTGACCTCCGTACTTAGCCGGGAGAGTACGTTGAACTTAACAGACGAAGTGTACCGACTGCTGGGAATTGTG
TAGGAAAGGACTTAGAAAAGGACGCCAGGGTAAGTCAGAGTCCCATTAAACAGACGAAGTGTACCGACTGCTGGGAATTGTG
TTAGCCTCGGATCCGGTTGAAGTTAATGCGTATAAAGATTAGTACGTTGACACAAATAACAGTGAAGCCTAACGAATAG
ATCCAGCTCCTTCACAAGGAAGGGTACGTCGAGACGACCATCGGCTGAGGTACCGGCTATTCTCTATCGAATATATGTGCTTCAAT
GGAATTCCCCGGAGACGAAGCTATCTGGAGAGCCCAGTCGCGAGGATTGAATAGAGCTTAATTTCACAGATTGCAAGAAGATTGGT
TAAACGGTCTTGACATCGGGATTGGTGTAGTCGTTAAAGGACGGCCTATTAAAGCCTAGCCCTCAGCAAGCACTACTGTC
ATCCAGCCCGTAATAATCTATCTAGCTTATATGAGTGGACTAATGGGCCACGGATGGTTAGCCTCCGTAATTGGCGTCCACG
CCGATCGGGATCCACTTGCGAGCTAGGAGGCTCATCTGTTGACAATTGGCCTGTCTCATCCAAAAGTCGACACTTACCGTTAG
ATTTCACATTTACGGCCCTTGCCACCGATTCCACGCCAGTACCGAGGTTCTTAACACTCGGCTCAATCCACTGACAGTGTG
GTCTACTCAACCTAGACTATACTACTAGCTGATTATTGGGTGAGCTCCACTGGCTTAGGACTAGGGAGAGCTAGGAGTTCTTTT
AAAAGAAGTCCTATATGGTTAAAACCTTGTGGTAGCATGAATGAGTGGCGATTGATAGCATTGGACGCTATGACCGCTCTGG
CGATCCATAAGTCGCGAGACGCAACGGCAGATGCGATCTCACAGGAAGATAACCCAATGGGGTAGAAACTATAACGCCACC
TCAATACGGGTCTACACCTAGACAGCGATAAGGAAAGTGACGGCGTACCCACCTGTTGACATACGTCAGTATCGTGTCCGG
ACATACCAGAGGGTTATGAAAACATGGAGTAGAATTAGGAACCTCTCAGTCACCTACAGTAATCATCAGTCTGGAAAGTCGTTG
GAAATCCATGTGTGCGAGGACCAATGGGACATTGAGTTCGCCAACGCTGAACGACTGACCGGGAGTCAGTATTACGGCTACCTAATT
CCAGAGTTCTAATCGCATCCCTCGTCTCGTTGGAACGGAGTCTAAGTCGCTCCAGAGTTCTCGCTCCGATTCAATACATT
TATCCTTCCAATCTATATGAGAAGTCCGGTGTCACTGCTGCCCTCGTGTGCCCCACTAGCACTGACACCCATTAATATCAGGTATCGT
CCCATCAGGACTAAGTGAAGAAGAATTATAACGTGATTGAGACACTCGGCCGCTGGCGGAATATCAAGGACCATCGACACGGGAAA
ACGCAGGGACACAAGACTAGGAACACGCCAGGGTGTAAATCTACTAGTCCCCAACGACGGCACTGAAGTAAACAGAGTGCT
CTGAAAACATAAAAGTGATTCCAAATAGAATAGTACACGCCCTCATCAACTGCTGGGGGAGACCACTACCGGAAATAGCAG
GCCTGAAGCGTGAATCTAAACCTGCTTGCAGCTTACCTGCCACCGAATGACCTTAATTGCCCTATGTAGGAACATTGTAGGG
GCATAGGCACAGCTCAAATCGGCCAGTTCTACTAGGTACGCTAGCGTTGGAAAAACAGGCCAGTACGTTACCCACCGGTTG
ATTGGAGGCAGTCCCGTGTGAGTCACGTATCCCTCGTGGAGTGGATAATGGCTGTTCTAGAGGGCGATAATACACTGAGTAA
GTGTCGATGGCTGCCTTCACCGTGGACGAGGATACAGTTGAACATTAAGCGAACCCACCCAGTCGATCTCCTTAGGAAATGGCAGTT
GGTGGGTGAATATCCTAGGATTCCCCGAGTGTGTCCCCGAGGTAGGTTACAAATTACGTCTACACTTGTGACTTCCACAGATCG
CCCGCACTACATGAATAGAGAATCCGACTAGGTACGTCGTTGACACCTAAACTCCGAAATCCATTAGGTGGCTGGCGTC

ATGTTATCGCGCATCGGGTCTTGAGTATAGCGCTGCCCTCGGGACCAGAGGTCTGACCGAGGCAATACTTCTGCGTGTCTATGC
GTAGCGCGACTATCGGTGATTAACCTATCTATGCCCGGAATCTATCTAAATTGCACTTAAACCCATAACGGGAG
TCATGGCCTACTAACGATGGCGATTCTGCGTGAAGTCTGACCTGAATATGACGGTGCACAGTGC
GTCGAGTCAGTGTAGGTGTGCGCGTGAGTAATCTTGGGACCTACACTGCTTAGGGTTAATATGGTTAGTTGGGCTGCGGAGGGTT
GATACTAATCCACTACCCCACTTGACCGCAGTTACCTTAAGTGCAGGTGATTATACAGAAGTCTGACGGTCTAAACCTCGCTCGCTCA
CGACGCATTGTGCACGGTAGAGATCATACTAGGTGCCACGGTAGAGTCTTTAAAGCAGTGTCTAAACCTCGCTCGCTCA
TTGCAAGTCCGACCTACGATCGTAGTTGGATAACAGGATCGACGGTTGGATCTCGTGAGTTGAACCTGCTTGGGTTGGCAG
ATAACTCATTGACGAGATAGTAACTAACCTACTTCTGGAGTTAGCTGATGTAGATCCTACGAGGGAAACACGACTGAATTGAC
GCAGATGTTGCACGTCTCTAATGGTACTCGGTGATTATAGGTGATTGCGTGGACGGCCTAACTCGACCACTAGAGCGGGTAGCGC
TATGAACACCTAACGTGAAGGGTATGAGTGACTAGGACGGCGAACGCCAGCAGGTGCTGTAATCATAACATAGATGTACCCCC
TCGTCAACAGCGAGGGCGCTCGCAGGCGTGAAGCAGAGATCGACTACTATACTGGAGCAATCTGATCTGAAAGTCATGATCCCC
CTACCTCATAGATTGAAATTACCCCTGCCGACAAGGGAGGGATCCGAGCTGAGGTCTGCCCTATGGATTAAACCATCGACGGCA
GCGGTAAACCGTCCCGCAGCACCGTAGTACTCAGCAGTGGAGCCAACATCAATGTGGATATCTAGGGACCGGCGATTCGGCTC
CGTGGAAACAACGTATCTCCTCACGGAGTAGGTAACCACGGAACTACATTACTAACATGCGTACCGGACTATGCTAATCACTA
AACTCCCATGTAGCAGCTTAAATCTGGCTGAAGCGCGTGGCAGGGTATGCACTGTCCACCTAGGCCTACCAACTCATTTAACCG
CTTGACCTTGTCAACGGGAGGCCAGATAGCAGACAGTCACCTCTACTTGAGCGTGGCGTGGGACATAGTGACACAGTAACACGC
ACGTGAATGACCGTGTCTGACGAGTATCGCGCGACCTCGGAATATAATCCGCTTACTGCAGATCCGATTGCGATGCGTGCA
TGGCAGCCACTGATGAATCGCTCAATGAGGATAGCCACGCGCATTGGTAACCTAACACCATATAAGTGACCCGGA
CTCGCCCCGAAAATCTCTAGTGGCTTAGCAAATACGCTCCCGAGTCTAACATGCCACACAGTATATCCGAT
AGTAACGGTCTCCTCATTAGTTCCCACGGCTGTAACCAACTAGATGCAATCATGGAGGTGGAGTACAACGAGACGGAAATTAGCAA
ACCCCGACGTGAGCCGACAGACTACTCGGTGCCCGAAGGTCATAGCCGATGGGAGGACTAGGATAGGAACCGAAACGTTCC
CCACGTCGTAGTTGAATCGACTTCAGAAGTGAGGCATAATCATTCTAAATACGGCAGCTCTAACGGCGTACGAAATTGAGAGA
ACTGCTGTAGTCACTCATCGAGTGTGCGATACGGCCGCTACTTCGAATTATTCCGGTCTCCGGTTATCGAATGATCGTTTATA
CTCCTCGTCTGATTCTGGAGGGTAGGGTAGTTATGAAATTACTTATGTCATGGCAGATTACAGGTCAGGCACCATATCGA
ATGAAGTTACCAACCGGTTCCATATACTCGCCGACGGCGTATGGACAACCTCGGTGTTAGAGGGTACTGTGTCATAACGGG
TTCACGTAATTAAATTGATCCGGCGCTGGCGAGGCGCGCTCTCAACTCCTTATATACTTGGTAAGCAGCTGTCACCGGTACGTC
GCGATTAGAGAGTAGATTACCGCGTAGCGACCTCTTACTGCCACGGCGTGAAGTCTTAGCCCGTACCGTGTACGGAACTGTGAG
TTGGCTCTAGTAAATGGTACGTATCCTATCCTGATGCTCTTACGTTCTAACGTTCTAAGTCCCCGACTTGGGATCGTCTCGGCCGAGGCT
CACGAATTGGCGTCTCACCTCAACCGGACTGTAGGAGCTGAAGTTGCAAGGGAGATGTATGTTGCAAATACATTCTCGTCTCTG
TCCTAGAGTTGGGGAGGGCTTGGCTCAGCGCCTCGTAATCCTGTTATATCAAGTAGCGCGCTTCTCCGATGCCGCTAAGCC
ATAACGTTCTCGTTAAAATGACCGTGTGTTAAATGCCAACAGTCTGTAATCTACCGCGAATTACGTGGTATCAGTGGGA
TGGCGTCATCATCTTGTAAATCCCGTAGATCTGTCAGGGCTGAAAGCTATCGATCGTACCAAGCACAATTAGTGGTATTAG
GTCAGAAACATCGTAACCTGCAAACGGATAGTCTTGAAGTGCATTCCATGCCGATGCCCTGGTACAGTACTAGCAGCTAGTG
TGGCACCGACTGAGGCGGTTACACTTTAAAAAATTACTGCTCGGTTGCCAGGGCGCTATCATCTACCTCAGTAAAGCT
GCGCAAGTAATGATTGGAACGACCTGCTTGGCGCTAATTGAGCCAGTCATGGACTCAATGTGATGCGAGCCCGTAACAAATAG
AGTCGCGGAGATAGAGTGACGACGTGATAATCGCAGTCTAGCTCTCAATTATAAGTTATGCCGTGGCGGCCACCTTGGAAATTCA
TACTTGACGGGTTACTAGCGATCGAGGAAATATATAGTGGCATCAACGGCGATCCGAGATAGGCCGTGAGACCCGAAGGCACCTCG
AGACAGTCGGGAATCAAGTGTACGCCCGGGCTACACACCACATGGGTGATTACCTGACGGCAAGTGCACGTAATCAC
TGACTTCTCAGGGGACCAAGCGCGATCTCGACTGTGGCAGGACTACAGTTCAACGTCCTCACACCCAGACTGTAATTAGCAC
ACACCTAAACAGATCGAACGGAGTAATCGAAGGTGAGTCACATCCCTACGCTGAGAAAACACATCACTTATCCGAAATGCGATT
CCATCTAGCGTCGGGTTGGCCTGCTGCCACGTTCTCAAGGATGGCGTGCACGTTAGCCGCCACGTAGGGATTAGAGAAGGACAAT
GGAGCCTTAAACTGAGCTGGGGCTATGGGAGGGCTATATTAGAACTTAAGCTTCCACGTAGGTATCGAGCGTACGATAGTG
CACGTCCTGACGATTGGCAACGACCGCGTCCACACTCTTGCTCGCTGGGCTTTCGACATACCATATGCTCATTGGAGTTATAC
ATCGGACGAAAGTTACCCAAATCCAAAATGGAGGCACGGCTGCGCACGGAAATTGGACACGTGGCTCGCTATGGCTAACTACCTGTA
CTGTAAGTCAGGCTATCGCGTGCATCCGCCGTTAGCCACAGCGGGGACCCCAATGAGCTCTAAAGTGAATCTGCTGTGGGTCACAG
TATATCCAATATCCAATGGAACCCATGCCCGACCCGATAAAACTCCCCCACCACAGGGCTGACTCCCCAAGTGGAAACGAGTTGA
GAGTCGAGGATCTCAGATGATTGACCGATCAGCATTGCTTGCGTGCACCCAGGGTGGAGTCAGTCGCTAGGGATTAGAGAAGGACAAT
GACGGGCCAGTGTAGGGTCTGCTAGCACGAACCTCTCCGTTGCCTTCTGTGGTTCACTGAATACAGTACTACGGCAACCGCTT
GAAGATCTAATATGACGTAACCGTCAGGAAATGGAGCTCCGCCGGCAGACTTACGCAATTACGTCACGGTGGCTGCCGAAA

ACCCGGAAACTTAGCAAGCAGTATCGCAAGATAAGGTATCGAGCTGGCTAGGATCACAACTGCACCCCCGTGCTAAATTGGTTTCT
GGACCACTACCATAACCGTTCAAGCCGTCCGTCGATTCAAGAACTAGAGCACTTAGAGACACTTCGAGCTTAGGAAAAGCCTGGCATG
AGGGGCGCGCTTCGCGCTGCCACCGCGTGGCTGATAGCTTGCCTCAATTGCGACTAAATCAGAGCCCCGCTCGGATTCCCGCT
TTTAAAATGCAATGTTCTGATACTCTTATAAGAATTGTACACTTACCGCCCTCGGAGTGCGTATCCGCTGCCTCACCTCAATT
GAATGGCCCGCGTCGCAATTGGAAAGGTCCGACGAGGTGCTTGTGACCACCCCTGAACGTGTAGCTACTAGATTGGTTATA
TTTACCCCGTCGACGACCCCTGATGAACGAATCCAGGAAAAGCAATCAGGCTGTCGATGAGGATCTGAACGCTAAAGTCAGAGTCG
GTTGCTGTCTGTTGCCGCTTAGCAACCATCATGAGTAGTGAGTGGATGGAAGTAATTGGGTGTTACGATCGAACGTATGCGGACT
AATTCTACCTCCTGCAGTAGCAACTACGCATGAGCGTACATATACAGCACACGTTCTCAGCCGGGAAGGTCAAGCAGTGCCCACCTC
GAAGAATAGTGAATCATGACCGTAATCAGTACTGGAGCGGGAAAGCCATTGGGGAGGTGTATTGGACCCGGGATTAAAGTCG
TAACCCAGGATAGGAGTCTGTGGCCCGACAACATACAGCTGGCTGCTCAAATTCCGCGTACGGGAGCATGGATACGTGATGGAGG
GCCTAGACATTGAACTCCACACTCCCACAAAGTTCGGGACTTCACGTACACAGACCGCTAGCCCTACTATCACTGCGAGTAGTCGCT
AATGAACAAACAGCACCTAATCACTGTCTGCTGCCGAGTGCATCCTCATGCACGCACGACCAATGCCACAAGGTTAGGACGA
CAGCCAAATGTGGGAAGAAGATCCTGGACAAAGCGGCCAACCTTAAATGCGGATTACACCTTACACTATATACTATGCGATGT
GGGTCACTGAGGAGTGTGACAGTTACTACGCCTAGCGTACATGACCGTGTGAGCGAGAGAACAGTTCCGGTCTGGTTGTATGA
AATTCCCTGCCGAGGCCACGACTAGCTCAGGGCTTAACGTCTGTTAACTGATTGGAAGGGGAGTCAGTCCTGACGGTGTGAGTCC
TCGGACTTGGTTGAGCGGGCAGCGCTAGCTGAAGCCACTGCAGTCAATGTCATTGCCCAACAAGAATATAACTATGCG
GGACAGTAAGATCCGGGACCTCGGGCGTGTGAATGAGAGTATCTTACTCGGTGGTATCCGTGGTAGACACTATATGACGT
TGCGGCTGTGGTGGCCTCAGCGAGCCTGCAATTAAAAGAACGCTACACATCCACGTAGGCTGAGAATGTGTTACTACAACATT
TCACTCATTCTTATCTCGCTTTAAGAAACAGGTTGCACGGTGGAGGTTACAGGTCGTTATAAATTCACTGAGTAGACAAC
CTGATAAAACTTGTAGAAGTGTCCACGGGGCGTAGAATTGGCTCTCAGATTGGATCACCTGCTGGCTGGAGGTGTCAGTGC
ACCGTAAGGTCGAGACCTGCGAGTTCTCGTACACACGATATACTGGTCGGTGACCAATTGGGCAAATCATAATCAGTTAATA
ATGCTGAGTAACGGTTGATTTCGCTATGCATCATTAGAGGACCTCCAGGAGGGACGTAATGAATAGCTACCTAGTCGCGAAC
ATGTACAATGCTATACTCGGCTGTAACGGCCATTGGGACCCCTCGGACTCTCGACGCATATCACCTTACACTCATCGTATT
CAATTCCGTAAGTGCATCCCTCCACACCGCAGGATACACCCGAATTATTATGTGAAGAACGTTCCATGTAGTACTACAA
GTAAACTCGAGCGTTCACCGTCGCCCGATGTGACTAAACACAGAATAGTAGATGTCAATGACTAGCCGTCGGCACAGCTCGAACAGCAGC
TTACTAGCACACTCGGCCGACATAATCCGACGTACGGTAATCTCGATCCGATCCGTCATTCCGGAAAAAAATTGTGGTTACCC
ATCCCTATCTCTTATCGCTTAAGACTGTATCACAGCACATTGCAAGTCAAAACTACAGCAGGAATCAGACGGCGATTCCAAGGT
GGTCTCGATAAAAGTAGTAGTGGGGGAGAACCGGGTAGGGGCTCAATTGGTAACCGTCGATCTAAGTCGGAAACGGACCTATAT
ATTAATGTCCTTCGACAGTGCCTCACAGAGATGCGGCCCTCTGACAACCTCGAGGTATGCGGACCTAACAGCTAAATTCCCCCATCT
CACCGATTGGACCGGGAGGATGTCAAACCCCAATTACTATGGTAGGTAAGTTCGCTAGCCTGATTCTACAACCATTATAAGTACGG
CATTCTTATCTGATCAGTACTGCCGTCTTCGACATCGCTCGTGAACGATTAGCACCACACTACCGGATTATGCTG
GACGTAGAGAACGTCAGGCCGACAACACGGGCCGAAAGATCAGGAGCATTGAAAGTGAAGCCATACCGCTGTCTTAATGCCACC
GTTAAGAGTTGGCTATCATGTAGTCCGGGATATCGAAGTTCTCGATATGATAAGCCGGACTATTGCACTTACCCCTAATCAGTGGTG
CACCGATTCTTGAGCTCCCGACAATTGTCGGCGCTATTGACTGTGTCCTGCTGGCGTAGGAAATGTGTTACGCCGACCTCGGT
TTCCTGAACTCTCCAGTGGATAGCAGTGGGCCAGGTTGATCGGATTAAGTTCTGCTATAACATCTGACGCAGTTAAGTTATTCC
TTGTATTTACCCCTCTACGCAGCTTCATTAGCACCTGGCTTACACGGAGATCTCAGGACTAAAGTCGGTCAGTGGTGAATCTAC
CGAAATTCCCACGGCTCGCGTGTGGCTACTAAGTCTCGCCTCGTAGGTGGAAGCCCTATACGAAATAGCAGACGTTAGATG
GTCTCGCTTTCATCACCTTTAATACCTCGGGCAGAGCATCTCACGGCTAACTGAGAGGGTTGGGTATGCGCTACACACATA
TCTTCCTGCAACGGATTGTCTCGCTGATACCGACCTCGTACGGCTGACGCTGACCGCTTAGGGTTCTGATTGCCGTCTCGCTCGTC
ACGAGTTTACCCGTTAGTCATTACTACCTACCCCTAACAGAGCCCTCCGCGACTTACTAAAAAACTCTAGCTCATCGGTGTG
CTACTGGCACGTCTGGTTATCGTAACAGAGCCATAAGGGTAGGACTTCGGATTTCGTTACTGACGTTAAGCAGGCCATTAC
GCTCCCGTCAGCACATGGTTCTCGCTGATAGACACTTGCTGGAAAGTAGCAGTAGGTCGTTGCCGACCGCAGTGCATGCCGTTGA
GTGTTGGCTAACCGTAGCCTGCCAGCACTACTCAGCACCGGTCGAGAACCGCCTCGCGACTTACTAAAAAACTCTAGCTCATCGGTGTG
CTAGTAGTTCAAGATCCCTGAGGCTCGTGTGAGCCATGCAGCCTTCCAACTGTTAGAATTAGGATTGAAAGTAGGTCAAACA
CATGTGCTGAACGGTCAGCTGGTGTCTGTAATCTGTCCTCCAAAATTCTAAGCTTGGGCTCGAGAGGCTATATCGAA
CTAAGCTTCATACGTACCGGGCAGAAACGCTACATGTCAGTAGGCCGCTAGCACTCAAGCACGCCATGTATTCCAGGTGTG
TGCATCTTACTAAAGTTCATGTGGCGGGAGTCACTCCTCATGCGAACTACGTAATGTTCCGGGTCGTTCTCATCCAAATT
CCAAGAGCCATGCCACCGCATGCCATTGAATCTGACATCCCTAACGAGCTGGCCGCTCGCATATACTCTGAGGTATCA

GAAGCGTCCGTGCGAACGTTTGCACTTCCCCGTCTACTTCCAAGTGACGAGGCCACCGATGTTAATCTACCGAGAATGCCATTGAC
CTCTAGAACGTTCGTCATGCGAATTGGCGTATGGAGTCGCCGGGCTAACACCAGATTACCGATTACCGGTGGTAACCTCGAGAAACG
TGATGGGATGCCTTGCAGGCCAACAGACGTCGGTGTATATTACCGAATTGATATACTCTGTTGCAATGGAAATTGACAGGTGAACTC
CTTGACGGGCCTCTGGATCACAACCTCTGGAGTGGCATGTCCTAATGCCGTACTTACACGGATGAAGAAACGAAATCGTACTGGGGGA
GCCGTAGAACGGTAGACTCAGTCAGATGCCAGCCGGAGGGAGCATGCACTAAAACCTAGTCCTATTGTAGCGAGCTCGAGTG
CAATGAATCCGATCATCTAAAATCTCCATTGACAGGAGATGAGAATCGAAGCCATACTAGCGATTGGGCTCAGTCTAACCTTGC
GAGCCAGGCCACCACAAAGCCGTCATTGCTCGGACATAACCTCCACTACTACGATTGACTATCGACGCAGATTAGATAACGCTA
TAATTCTCGGACCTCCTATTCAAGTCTTATCACTTAGTATGGCCTCATGGGAAAGTTCTGGGAATGACGCTAACCGTAACCAGAT
GTCCAAGACTCACGAAACCCCACCCAACGGATAGGGACAAAGACACTATCCGCCAATGCGGGAGGGAGTTATCTATTACACCC
TCGAGTGATACGGTCAGGACAAGAGCACCGTTGAGCAGAAAGTTACTCGGTCGTACGTGCCATTCCGTACGCCGGTCTCCGA
ACGCCCGCCGGTAAATTCAAAGACGCAATAGAGAACAGACACCATTGAAGCCGGCCTGAGACGCCGCAAGTTCGGACTGTGAGG
TGAAACGTGCCGTGAGAGCTCTCGTGGCATACTCTATGTCGTACTCTGGGACCACCGAGATGATATTACCGGCTGGCT
GCACTTAGTATGCGTGTGAGAGCTCCCTACTCGAGACGGTCCGATCCAGCGTAAGTAACCTCTGATAGTGTACCGGATGAC
ATTCGTAGCCGTGACAATAACGCTTCCGAAACAGCAGGTCCCTAACCACTTTAAAACCTGAATCGCTGTGTCATTAAGGGCAGATC
GAACTTAAAATCGTCTTCGCACTAGCTCTAGTTGCAAGCAGTTGAATCGTACGGGCGTACATAACCGCGAACATTTC
TCCGATCCGTGGCGTATCGTGAATGCCAGTGCTATAGGGATGCTGCTTGGCAACTTCAGCAAACGACTATCCTCATTAAA
TCCGTTAGTCCTAGATCGTATTCTGTGCTGGCTCGTTGACCGGATCGAACAAACCGGGTCTAGTGAACCTTATTGAATGAGAT
TACGATACGTGCAAGGAGCACTCAGTAGGTTCTCAGCAGATTAGCAGTGCTATGAGCAGCAGCAGCGTTATCGTTACATAGGAG
TGAAACGTGTCGATCGAACCAAGACGGAAGATCCCCAACAGCAAGTCCAAGTGGATTCGGCCAAAACAATGAGGGACCCCTAACCGT
ATGTATGTTGCCCTGGGTAATAGCCACAGTCATTATATGCCAACAGTGTGGATAGCATTCTCGTTACTCAAGATCGTTCAAGGT
CTACCCCTGAAACCCAGCTTGCATGTCGTACGGTCTCTGGCTACTAGACTAGGCACCCCCGATAAAATATAGTTGCTC
CTTTTACATCATTATTAGATTTAAAACCCATATACTGCCACTCATAGATCACCTAGCTTCCGATTGATCTGCACTTTCGTT
CACTAATCACGTAGGTACGGTGGCTCAGCACGTTCTGCGTTGTGATTAGTGGAGGGCCCGTCAAATCACGTAGATGTACTAT
GAGTGCCTTACAGAACCGCGTCTGACCTAATTGACCCAGATGGGGATTCTTGAGCGGAGTGTGATTAGCTCAAGCATAGTTACT
TATTGCATCGAGACGGCATATCTGCGGCCCTGACGGATATAACACCGGGAGGGAGGTCGCCAGCGCGGGGGAGGCACAGAC
TAACGGTTTGAGGAGGCGTGGTAACCGATTCTCATCTTGAGGCGCAAGGGAGGGCCTAGAGATAATGGCATAGACTCCGCT
GTGATCTGCAGGGCGGTTAGACAGTTGAAGTAGTCACAACGTCGGCGCCGTATCCAGCCACGGCTCAATGTCGTACTTTAACAA
CCCGGGAGAGCTGTACTGCCATAGATAACAGCGTACTTGTAAACCGGTACTTGTAACCGAAGATTGTACCATCTCGTACGACGATCCCCA
TGACAGACCGGTTAAACCGCGTAAACCGTCAAGATTCCCTCCGTCTATCAACTGATGTCGTGAGGGGTCTCAACTAATAACGT
ACCCCGTTGCATCAAGTAAAATATTATGGGACAATAACACCGCCCACCGCGCAATCCAAGCCAATGGGATTGCGCAAACACCAAG
ACCAAGTGATCTAGATCATAAAGCACAGAGCGCTTCCCTTGGCTCCGGATTGTCATATTCTGTGGGACACCCAGTGGTTC
GTGGGAAAACAATCGTAATGAGGTCGAAGCGATAACCAATCGAACCTACTTCTACATAAGCCCGTGTGAAGATATGCTCACGGTC
TGGGTGCTGCTAGGTCACTCATCCATGGCGGTGAGTGGTTCATCTGTCGATTGTCAGCTGGGATCTAGAGGCATTAATACTCG
CAAGAGCGCGACCCCCCCCAGCTTCGACGTGGTACGCTTTAGTGAAGTAGTGTGCGAGTTTGGCTTAGTATACTCGTGCCCG
CCTCAGCTAGCCACTGAATAAAGGATCTTACGCGTACAATGCGTACATCCTATGATTGAACGGTACGTCGCTCGTAAGTATGGTGT
CCGATTCCATGTCGAGCACATCTCGTCGATACAGATGCTGTCTTGTCTGTACCGACACAGTAAGAATCCATAGGTCACT
AGACCGAATCCACACGTATCGTATACTTGCTCTGCGCTTCGCGATGTCATCTGGAGTGCCGCCACTAATCCCCCCCCAGCA
TCAGATGGCACTGTGAGTTCTGTTAGCCTATGCTACTCCAGCAGCTCCAGGCTGGGGATGGATAGATGTCGTACAGTAGGCCATTCA
CCAGTAGGGCGATGGGATGGACGTGGGGTACTAGCAACGACGACCACTCTCCCCGACGGCAAATGAGGCAAGATGCGAGGCC
AGGAACGTGGACAGACCGAACCAACCTATACCGAGTCGAAGAGGAGCAAATAGCCCTGACCGTGGAGGCCAGTGTGCGCCA
CAAGTTAGTAGCAGATAGAAGAAGATGTTCAACTGGGAAGATCACCAGCCACGTAGAGCGCTTCACAATGTAGGGTGTATTGAG
TACTAGGAGGGACTATGTAGTAGTGGCTAGTCATCGTTACCATATCTGTATAGATCTTATAATGTCGCGTACACCTACTATC
ACCGAAGCTCGGTTGACTTAAATAGCAGTCCGACTTGAATTGATCGCTCAATCTGCGCTGCCGTTCTCCGTAATGCGG
ACTTCGTCAGATGCGCGATGAGCAATAGCGCGTAGGGTATTACCGTACATCCGTATGGTGTGAGTCAGTGGATCTGGTGTCTTAAAA
GCACAGCTCTTGAAGCCCTCTGTAATACTAGCTGAGCGATCTGTTGAGCGATTGTCGCTCCCTGATTATTAAATGTCGCGTCTTGGCGT
AGAGTAATCAGATATTGCGGTACGTTGACGGACAGAGAAGCGTACAAAGCAAACGGGAAGGATAAGGATTAACCATGTA
TGGTATTCCCGTTGGGGTTAAACCTGCAAACCCACCCATCGGTCTTCAACCCACCTGAAAGATCACCGCAGAGCGAACAGCAGATT
AGCAAACCGAGTGGCTGAACACCCCCGCCCCGATTCCGCAACCGCATTGGTCAAGTGTACTCAACAAGCCACTACTTCCCCCCCC
TTCCGACAATGCGGACTATTGTGCGTGCATGTGGTATTGATGAGGTGTCTAAAGCTAGATACTAGTGAAACCAGTAC

TATCAAGTAAGGTAAAACCCCACCGCGCAACCCAAGAACACTCGATGCCAAGGCGACCAAACACAGAACACTATAACCAGTGCCTCGCC
GTTCGAGCTCGTGCAGCGTAAGACCGTACACATTAGCTGGGTACTCTCCCCAAGCAAAATCAGCTTCAAATCGTGGCTCAGTC
CGGACCCACCGCTGTATAGTACGCTGAGACTGCAACAACGTGCAATGTTCCGCTGTTGCCGTAGGATCGCACACTACCGTTTAG
TCATGTCCACCTCAGCCGCTTAAGCAAATGAGATGTGAAGTCAGTTCAATTAAAATACCGAGAACCTTGTAAGAAACTTCC
CCTCCTTACGTTCACTACGTATATCTTCTCACTCATACTCGATACTACTGAAGGGCGACGAGGCACCTCCGACAGCGAAAAGCCAC
TCACTGTCACTGAGATGGTTAGATGTGGTCAGGGCAGCGGAACGGAGGCTCTGTGATTGGTCATCGAGGATAGTCAATGGTCACGT
AAGCAGAAAATCTGCACTTTGTAATTGTTGCACTGCTCGCTAGCTCTATCCACCGCGACAAGGCCGTATGACGTTGAGCGT
ACCCCTCCGCATGTGGCGCAAGCAGCCTACTCAACTTGACCGTTAGAAACCGGAGAGGTGTCCACGCACCTGTGGCCGATCCGAG
CGATCACGGAGGATGTAGCCAGACTAGTCAGAATTAGAAGAACCTCGATGCAAGACGGTACTAGTCTTCTTATCAGGTAGCTTAGGACGC
GACCGAATCGCAAGTCGACGGGAGCGACTTCAGGAAGGATCATAACTGTACGCTAGCCAAGGGTTGTGACCGTGAGATCAGCATAAG
AGTGGCGAGGCAAGCCTAAGTACGGTAGTGAACGCCACAGCGAAATTACTTTAACACTCATTACAGCGGGCAAGGCTACCGG
ATCGCACTCGACACTCGAAATTGGAAGGTACGACGTGCTGTGCAAGACGGTACTAGTCTTCTTATCAGGTAGCTTAGGACGC
GAGCTTGACGCTCAAACACTACGATAATGAGTACAGGGAAACCCGGTCAATCACCCCCCATATAAGTCACAGAACATATAACCGC
TGACGGTTAGATCCAGTCAGATCCACTCACTAAACCCCTCACTAATGCCTGTGACGGCTTAGAATGCAGACTCGTAGGGCTTA
CCGATTGCAATTCTCTGCGACGCCATATTCTGTTAGTCTCCTTAAAGTACCCCTGCGTGGGGTCCGCACGGACTCACAGTA
CGCCTGGTGGTACTCTAGAGGCATGCAACAAAGTCAAATGCCCAAAGGAGGGAGGGCCATTGCGTATTTAGCATACCGTC
AACAAAAGGCGGAAATCCAGTGGAGTCATGTAGCTTGACCTCTAGCTTACCCACCCCGCAGACCACGCCACTACTAGAAC
ACTGGCAAGCTTTTCGGAGTATACAGGTACAAAGAGACTACTCTAGATAACTCTGCCGTGGACAGCCTACATCTATCTATTGC
GGTATTGCAATTGCAACCGATTCCACATTCTCTCTAGGATACGAATGCATACGGACAGAACATAGGGCGAACCCACCGAAAAACGAGG
ACCGATGAGAAGGCAAGCCTCGAGGAAAGTACCAAGAGCACAAGCCTGACTAGCTACTCTGGTGTGCAAAACCTCCAGCTG
CCGGCGTGGTCCGACGCAGTGTGCGAGTGGGCCTGTACCGAGCGTTGCATTACGCGTACGTGATATTGGCTGGCTCAATAGT
GCCGCCAACCCACCAAGACTGTGGTGCAGCAATTGGGATGCAGTCACACCTGATGCTACACACTCATATAAATTGCACTGCC
AACAGACGGTCAACAGAGTGTGACTCGAAAGTGGAAATGTGCGACATTGAATGAACATGATCTAACCGCACTCCGTCCATAGAT
TACCGAGTTGCTGCACTGTCAGCTCGTACTGTGAGCCGTCGTTCAACCGACCGCCTCTGACATTCACTACATAGTGAGCTCTCCG
CGTCTGTAAGAGGGCTTAACCATGATAGGTGAGATAAAACCTACTAGATGGCTTACCGCCATCTGTATCACACCTGTCTC
GCCCATGTCACCGCAAATTGCGCTATGTTACACAGATGCTGGAACTGGCTCACAGACGGAGCATGTGACGGCAAGGGCGAGA
GCGTGCAAATCAACGTGCTGCAACCGTTGAGCGATGCAAGAGCGTGTGGCAAGCGCAAGGTGTGGCAGCCAGGCATTAGT
CATTCAAGGACGGAAGGATAGACTCCAAGAGTTGCAACCAGGGCACATCACACGACGGCGCTTGAGGTCTCCAAATCAATCCA
TTCGCAGGCATCCACTCGCTTGGGACAAGCGGGAGATGGCTGCACTAGAGGGTACCGTGCACCCAGTCCGGGGCTGGGA
GCGCTCTAGACAATATACAGCCATGTCAAATGTGTTACTAATGGCCAATTAAAGGGTGGAAAGGCCACCCAGTGAATCTGTTGAC
ATTGCCTCACCAAGTCATATGGCCGACGAAAGTTATGCAATAAGCTGCAAGTCTGCTCATCTCCGGGGACCATGAGCGCCGCTG
TCGCCGGATCGACTGAGCCTCGGAGATGTAAGTTAATAGGGTGGCACTCAGCGCCGGCGATTGTGTGAACGTCTTACATGTTAC
AATAGGTGCGGAACCTTGTGGACAGGCACAACGTGAGTCGGCACTCAAGCTCGTAGCCACCGCTTACCGTGTACAGCGACACGAC
ACCACCCCTACCGAGTGGCGAGCTACACTCGCTGCCACTCTGGGGTGCACTCCAGTGTGCGTACAACCGTGTCACTGGGTACA
ATCCAAGAAAGGAGAGTAAATCCCTATCCGCCCTGCACACCCCATGAGAGCTCTGAGAACATACCTAACCTGCAAGTGGATGCCG
TTGGGACAAGCCGGACTCGAATTAGTGGCTTCAATTGCAAGTAGGCTTAGCATGTCACGCCACCCAGACTGCCCTCAT
TCCTAAAGGATATCTCAAAGAGAGATGATTGGGATAAGTCGCACTAGACACTCTGCTCTGATGTCCGTGCATGTTCTGGAATCTG
CAGCCGTTGCTCACTCTGTAATTGATGTAAGCAATACGGACGGAACCTGCACAAGTAGAACGCCGATCCCACAACGTTTAAAA
AAGCGTGGGAACCCGATTCGATCTCACCAAAAGTGGCAAGCGGACTTTATCCCTAACAGTACAGTCAATGCAAGTGGAGTAA
AGCAGACTACCATCAACGGGACATCCCGTCTGGACCTAGTCATGAAAACGGTCTAGACGTTGGCAAGTCATACTGGCGTAGATTG
ACATATATGTTATCAGGATTGCACTGGCTAGTTGCAAGCTGGCTGGCTGATCTGCTAGTACGTAACGGCTAGGTT
GTTCTAAAAACTCATGCGACAGCCCACTGATGCCGTTATACGATCCTCTAGATCTACTAGCCCCGGCTAACCTTAGCA
CATACGCACTGGTAGATCCGGTGTATTATGTGTCATTGGGGGGCACTAGCGTAAGTATCGAATCCCACCGAGAGTATAGTAC
GTCCGGTCAACGGGAGCGCAACCACCTCCATATCCGGTTACGTGTTAGTGCAGCTGGAGGCTGGCTGATCTGCTAGTACGTA
GACTTACTAAGAGATTAAAGTCACCGCTTCTCAACACTATCGCCATATACTATTCCGTATATTGCAACATCGCATACCGTACT
CAAAAGGCGCTAACGACGTAGATTGGACTACGTTGCTACGGAACGTTAGACCGATCTCCCTCATCTCCAGCATCGTGCACACCGATG
GCACAAACCGACTTACACAAAGTATGACGTCGACTGGACACATAGCACTACGCTAACGACAGTTCTGATTCTTCCCAGGGAT
TGAGGCGTCTGGAGTATTACACCACGCCGAAACTGGAGCCGGCGGGCTAGAGTGTGATGAGGTCTATGTAACGCAAGCG

TTGTAGTCACACATACCAGCTCAGAGATCGCTTAATCCTATCTAGGCCTATAAGTCAATTGTTGCCAGTGTCAAGTTGGCTTTAGGCG
GGTCTTAACGCCGCCGGTGACGGCAGCCAATCGCTACCGTCGGTACACCGAGCTCGAGTACTGCTCTACGGAGGTCTGGAAGGAGT
GTAGTAACCAATGACAGCGTGCCATGTGCTCTTAACAGCGCGGGACTTATCACTCCCTCTCGAGGCGACACTTGACAAAAT
CCTCCCTGACTAGCGTGAGCTGTACATGCCAGTGTGAGGGATTACGCTTAACGATTTACCTTGAGAAGGCCGGAAGAGAACCTAT
GGCAGCCGACGACCTACACCTTAATACAAATGCTGCTACAGAGTTCTAGTAAGACTGCTCGACTATAGACAAGTCTCCGTAGA
GCCTAAGATTGGTCCCGACTCGACGGTCGAGGATCGCACATACCGCGCACGTACGGTACGGATGGATCCGAAATCAAATTGAAACC
TACATAGATGTCTGCCGGATACAGACCCGCGCATCAAATCGCCGACAATCAGGGAAAGGCCGTGCAAGAGGTCCGATCTAACCGC
CTCCGTGCGACGTGGAGCTAGGCCACCAACTTCATCCATTGCGTCGTCTATTCCCCAACACAGTCGAATGTCGATTATTGGAG
GGAGGCACGGAGCTTGGCCCGGAGGCGATTACGATTCAACGGCAAAGTAATCCGCACTCGAATTGGTATGAGCTGGTATAA
CTATACTAGGAGCAGTGCCTATGTATCCGCTACTCTTATCCTTAGACTAGACTCCCAGTCAGATGTATACTGCACTGCAATAGATT
GTTTATCACTTCGATTCTAGACGTGCGGGGCCGTAATCACGATAGGGACAGTATATGCACCCGCAATGTCGACGCCGAAAT
TTACAATCAGTCTCCAAGCGCGGGACATGTCCAGCTTAATCGCTATCCAAAATAGAGAACGCTGGCCGGTACGCCGTTCTA
ACGGTCCGGAAGCAGCATGTAACATTAAACCATGCAGCATCTCAGACATGCCCATGAGGGTCCGTAGACTTTTCCGTAACTC
GGCAATCATCCCACATAATCTGTATGCGTAAATCCGCTTCACTCAGACCGAAATTGGGTTACCAACTGACTACCGGCACTACG
GCTTCTGTAGCTGATCACACGGTTACCAGGGCTGCATGCCGGAGGCCGGATTGCGCGGAAACGCCCTCGAAACTGTGTTATC
ATCTTTTAAACCAATACGGTCAAGTTTGGCCTAGACGGGCTTGAGGGTAAACCTCAGCCCTACCTTATATACTTACGTGATAATC
GCGGTAGCAAGTCCTACGTGACTATCATGTGTAAGTGCAGCGTGAATCTACCGATGTAAGGTTATTTCCGCACTGTTGCGTGC
GAATTCAATTCAACACCTACGAAGGAGCCACTTACGATACTCCTGTGGGTCGCCATGAGATACGCCGTACTTACAATCTCATGGTT
GCCGTCGGAAATACCTGTGCCGCTCAATGGCGATTGTCACCGAGGGCGAACATCATTCAAAGTCGTTGAATGATGTTGAGGA
TTGATGTGACTCGGTGAGGAGCGCCGGACTGCAGGGCCCATGAAGGTGATGTCCTAAGATCCAGAGGCTAAAGATGTTTAAAA
CATATAGACATTCGTTTACGATGACACAGTACGTATACATCTAAACTGTTATTCTACTTAAAGAGAGTGTGGGAAACTGAC
CGTACGTTAGTTAAGGGTGAGCAAATGACTCAGTCGGGACCTGCCGGAGGCCTATGTCGTTGGAGTTCTAACTCTCGCTAAAC
AACAGATCCTGCGGTGTTTGGGACTAGCTCACTCTGTAACTCAGGGGAGGGTGCAGTCACTGTTAAACAAACTATCGTCCGTA
CAAATGGCTCAAAGGTTACTGCACTCGCTTCACTCATGGCTACATCCAGGTGTAACGCTAAAGCCGACACGTCGCTGGGATGGAG
TGGGTACGCGGATTATCATTACTCGCCTACAGGAGATATGTACGGTACTATTCTCTGATAGCTAGTGCAGGAAAGTGATCATCCACC
TAAAACCTAACCCGGGAGGAGTTCAAGTCTGAGCGTTACCGAGGTGATTGGCTGAAGAACGCGAGAACGAGACTATTAGTAGA
ATAGGACTCCTACCGCGGATTCAAGGCTATGCATGCCCTAAACAAATACTCGTGTAAATCAGTTAAGCCAGGTACTCCGGTCTTCCC
GTGCTCGCGGATCTCATGCAAACATCTGTAATTGGAGCTCCCGGAGAGCCCATATGGGGGTAGGTGGCTAATAGAAAATCG
TAGGTCACTGAGATTAGAAAGTGGCTCAATCAGATATCGCTTAGAGTGGTTTACAAGTAATCGCAGGCGGGTTCGCTACAAGGG
AAGTTATCCCCATGCATAATCAGGCTAAACCGCACATAGCAAGAAGTTATGTTCTATTAGATGGTATCGTCTCGTACCGAACCGG
TCGCGCTCCTATCGCTCATGGCAACTCATCGCTACGTGACCTCCTAGAGCAAAGGACGTACCGGGCCTCACGGAACAGCAAGAC
AACACGCTAGGTCCAAAGAGAATGGTGACACGCGAGCTAGGTAGGTGGAGGCCATATGGCTATCTAGAACCGTGCAGGGAAAGACT
CTCATTAAACGTATTGGAGGACCTGCAAGCCATAATCATGTGGAGAGATTGCACTAGTCCTCGGGGTAGTACTGATACTGGGT
GTAAAATGCCAGCTATAAGTTATTGACACGGCGCTTCTTTATATTGAGGTGATGTACGATGACCCACATAGTGAAGGAGCGTA
GCCAAGAGTAGACAATCTAACGCACTACAAGTAAAGGAGAAGGAATAATCTTAGCACAGAACCGTAAGGACGGGTA
AAGTATAACGCCATCCTCAGTCGTTGGATCCGCTGGAACCGTGGAAAGACGATATCTAAATGGAAGTAACATAGGCTCGAGGCAT
CAGAACCTCTATCGATGATGGACCAGGGGTTCTAATAGTGTAGGCATTGGACCGAAGGTCATATTAAACAGGCTCGGTGCGACATT
GCTGCCAGCCGTTTACCATACGGGTGTCACTGAGCGTCATATCCCGCTGACGTCGATCTACGGCGTGAAGTGTGCTGCTCCTACTGC
GATTTTAGTTGGCTACGTCGATGAAAGCCCTATGTACCCCTACCTCACTCGTAGGTCCAGGGAGAGTGGCTCTCGGGATAGCT
TATAGATTGAACCTCAGGTTCACTAACGGTTCTATAGAATGGTCGCCAACATCGCAGCCGTTCGCGGTGACAAGTAATCCATCGA
AAGTCCTAATCGCACTAACGCAACTAGGAAGCAACAGACTGACAGTATTAGTAGTCACCTCAAGCTGTCGTAAGTATCTAACTGAGA
TCGCCCTGCGGTTCCAAGTCAACTCGCCACAAGCCAACGAATAACTCAGCGTCGTCGTTAGCGCAGCTGGACTCGACTACTCG
TGTATCGCATTAAATATTAAGTACATGGCGTCACCGCCCCGTATGGGGTGGCGGACGGCTACCGTCAGTGTGCTCCTCACATAG
AATTGAGTTAGAGTTGGCGGTATTACAATGACGAAATGCTACTTATATCTAAAGTGGGACGCCACTAAAGCCAACATCGATATGG
GCTGAAGACGGTTAAAGTGAAGTACACTATAAGAGTTGTGATAACTTGTAGATCCGGCGTGAACCTGTACTCGGATTTCACCATGTG
ATTGCACTGAGGTGCGTCACCTGCTAAAATAACGATGGAACACTACGTTGATTGCACTGCTACCGTACGTCAGTGTGCTGCG
TTGGGGCGGCGGCCAGATCTGTGCTATCCGGAACGTGCAAGCAGGCCAAACTTACCCGGAGGCCAGGGAGTCGCGAAGACACTGTG
GAGCATACTCATCATTCTCCAGTCAACCGGATCGATCCTGTTGATCCGCCCATGCTAGGTCACTCGAACCTGGTAACCTTAT
CTTGAGTCAACCGGTAGTGCCTGCTTAGCTCTTGTGGGGTCACTCAGTATAAAATGTCGCACTGTGAGGTAGTCTTAT

CTTCGCCGATCTACCGCTAGTGCCGAATTGAAGTTATGACTCTACACTACCATAAGTGTACTGTCCTCTGCCCTCCTGAAGACGT
ACAATGAGTCATACTCTGCTCAAAGAGGACGTGTTGGTAGTGGAGAGGGCTGACGTTCTAGGAGGTAGTCAATCGGGCTTCACTA
TCACTATATCTCAAGCCGACTGGCGGATTACACCCAAGGCCGGCGCAGACGACTATATCTTCCCCCACCACCAGACTAACCGCG
GTTTATCACACCCGACTAACTCACCCACCACTAGATTCATCCATGTCATCTGCGATACCGGGTCTGTATACAGTGTGGCTCTAAA
ATTCACATAATGGCGAGGCCGGACTTGAGGGATCATGCCCGGATTATCCAAGCCACTGAAACCCATAGTCATGTATAATTCA
AGCAAAGATAGGTCGTAAGTAACGTTGCCCCCTGAATCAAGGGATCTGGAGAGGGACTCCACGTGGTAAATTGCTTAGCATACA
TGGCAAGCCTGTCGCGCTCGCGTCTACTCAAAGCGATAACGGTCAAAGAGACAGTGGTCTCGATAGAGGAGGTATTGGATCGAA
GGTGGCTGGATGCAGTCCTCGTCAAGTAATGCTACGTGTCAGCATGCCCGACTGGACCCCTCCTGCAGGCATGGCTCACGGAAC
GAGATTAATCGCACTTAAATACGATGCTTCCGATCTCCAGTGCCTAAACTATGTTGATGTTGCGCATTGTCGGTGGATCCT
TTCTACTTCGGCATAAGTGACAGTAGAGAATACTCGTGTGTTCTGTTCCATGGGAGGCAGGGATAGAGCTTGTGGTCATAAGC
ATTGTCCTGGGTATGTATCTAACATAGCCTTAATTCTGGCTTGAGACCAATTGGCACATTCCATCCGGTCCGATCAGCATTAT
AAAGTCTGCCTGGGACATGTGTGGAGGGAGGTTCCCGTGTGATCGCCCTGCAACCTGACGCACGTCTTGTATGATGGCCTTTAG
AAGAAGCCATGGCACCTACGAGGCGTGGAGCGTAATCTAACAGGCGCTTACTATATCTCGTGGAACGCCGCCCTCCGTAT
CGTAACAGTTAACGTGCGTACAGACAAATCGAGTCCGTACTCACCGGTACTAGGACACCCGTATACTGCTCCGACTAGTCACCC
TTGAGGTGGATGACCTATGTCAGTCGGGAATGTGGACTCTCCGAATCAGGCTCGGCATATCCGCTGAGTTAATGCCGATGTAT
CCGGTTACTTCCACGGTCGGTTGAGTCTTGGTGTCTCACTATTCTACTTAACTGATTAACGACTCATCTCAGTGATAGCATACTT
ATGAGATAATACAAGGAAAATCCACTGGACAGATGATAATAGAGTGATTCCATGTACATTGCGCATGGAGATGGAGCGGTGTC
TACTCAGATAGGCCGAAGAGCTCCGAGTGGCGAGTATATGTCGACGGACTCTGACTCGACTGGCAGGAAACTGTGGCTCCCTATT
GTCGACCACGCATGGAATACTCTTCAGTCTGAAGACTTGAACCTGACTACTCCCTGAGACCATGTTGACATTCTCGGCAGC
CATGTAACCGCCTAGCTGTTGGGGATGGGTACAGGCTGGCATCGCTCTAGATCCACCATCAGATGCCACGTGGCA
CGCACAGAAGTAACCCAATGGCGTGTCTACCGGTGGGAATCGCCCATCAGCGAAGTCAGCTAGCTACTAAACTGTCACTGCC
GATAGACGGTTACTCTGATCACTCCTGTCAGCATTACTTAACTGCTGAGCATTGGAGTGTGACGTTACGTAATATCGTAT
GTAGGTTAAGTGTACAACCACCTGAATATTAGGAGTCAGACTTCATCCAAAAGAAGCAACGTGGGTACCGTGCAGTGGTAC
CCGGTGGTAGCGTGGGGAGCAGTCACAAGCCGGACCGTTGAGCTACTGGAGAGACAAGCTTAGATGGTAAGTCTTGT
TTGGGGACCCAGACTTCTCACATAACAGCAGATGTCACAAGCAGGTGCTAGCATATAAGTGCTGTGCTGCTGACTATCCT
ACTCAAATGTCACTGATTGAGCAGATGGCTGAGCCGGGAGCAGGGCGAAAAAGAGTGATATAATGCAAGTTCGGTTAG
GAGCATCAGACTCAGCATGGTCAGCGGTGGCCGGTGTGACTCCGAACGAATCAGTATCAACGTTCTAGGACCGTGTGAC
CACCACAGGGCGAACAGAACGGAGGAATAGTGGGAGAAGGTGTGCTGGAGGCGACCGATCGAGAGACCATATGCCCTC
GAAGACACTATATCTCATAAACCTAGAACGCCGAGGAATACACACTCGAGTTCAAGCGCCAGCTTACAACACTCCGTATG
ATACGGGTCGTTGGACCCTAACCGATGCGTATCATCCCGTTCGCTACGAGAACCTCGCGAAGGCTGGAGTTTAAATACA
CTATTAGTGAATCCTGCAACGAACGTCTATGTCCTACTGGTTATCCCTGTTGCGTATCCCTCTCAACAGAGGTTTAAAA
ACCTCGAACCTTAAGATGTGTGCTATGTGGCAAGTCAAAAGTCTGTTCTGTGCTAAGTGTGATTGCAAGTTGTAATGCAACCC
GTCTTCTAGATAAGGGGGTAGGCCGAGACCCCTGGTGGACACCTTTAAAGTTGCAAAGGATTAGCGGGCAGACTCCAGCGA
GGAACGTGGCCTGTGCAGGGGTGTCATCAGGGCTGGACTTTTAAAAACAGCCTTGACACTGTGCCACTCGGCACCGAGGTT
TTCGGACCTAATGATTCTTAATTCCCGGTCACGGAGTCACGGACAGACATCGAATGAGTCTGTACCCATGAGTCCTAACGGCGT
GACTATAACTGGGGGCCCTCGCTCGATGGCAAAACTCCGATCTAAAGCAACACTCATTAGCCGGCTTCGACATCCCCACGAAG
ACAATAGTGAATCGCGCGTCGGTAACCTGCGAGTCCGAACGGCAGCAACTGCGAAGCTGCGACCTAGTGCTTCAGGTGTATGT
CCGATTGGTACATCCTGTGACGCCAACCTCGTGAATTGGCTTGGTGTACTCAGGTGTTAGATCGAAATTCTCACCGATTGGCA
TTGCACATGCTTGGTAGGTTACCCCGCATGAAACTGTCGAGGGAGGGATATCACTAGCACTGCTCAATGGAATTGGTTATCCG
GCCTGAGTGTATGACTGGATATCGATTATTTAAAACCTACCGTCCCCTATGCCCAATGATAGCAGAACTCATGCGATCAACCGCAG
CGATACCGGCCGTAGCATCATCAAACGGTAGGGTAACGGTGTGAGCTGTGAATATATTCAAACAAACTGTTAACCGTGC
CCGGATACACTCGCACTGGAGCTGGAGTGGTGTACCGACAGCGCTCTGAGTCAGACTAGGTCAAGTGGCTCTGTCTATT
CCTCAGTTCCAAGACTATTGATCTATGACCTCACTATGATGATGAATCTGCGCTGTACGTGTATTGTGACGTACAACACCGCAG
AGTCAGCAGAAAACCTCTCCAATCTGTGGATTCCATTGTCACAGAGCATTAAACCATCTCGTGTAGTATGTGCTAGAAAATT
ACGCAATGCAACACAGGCAGTCAGTTCCCCAAAGTCACCGCTGTCACGTACACCTAACCAATTGCGCTTATGCGATAGCCG
GCACGGACGTGATGGCTCGGGAGGGTTCAAGGGCTTGTAGTATCATCTCGCAGTCAGTTAGGGGGCGCTAACGCATGC
ACCGTCCGCTTCCGGTTGAGGAAGCCGACTCGCGAGCATGTTGAATCTGTTCGCGCTTCAGATCGCTGCTGGGACGCT
GACGTGGCGTACAATCCGGCTCATAGTGGCTGACCTCAGTCGGCGCAAAGTGATGTATGGCAGGGACGGGGCGTTGTG
TGAATGAACCCACCGAGAATGGCTGTAGCCACACTAGATGTGGACGTAATTGAGGGAGTCGCAGCAATTAGATCAC
ACAAACAGA

GTCTAAGGGAGTCACTACTTCCCACGAGTACCTCCACGGATAAAAACACTGAAAGTTGTGAACCGTTATGGGCTTCACACAGC
ACTCCATACCCAGAGCTCGATATTGCAGGAATTGAGGCCAAGTCATATAGCGAGCCAAGTGTATAGTCCGAGGGAGCCGAGTAGACC
CGCAGTCAGGCGGTCCAAAACGTCAACGCGATCCACACTGCAGGCGACTGCCGATTCAAGCTTATCATCGAGCCATTGGACGG
GAGCATTGAAGACACGCCACTGCGTAAAGGAGTGAGGAGTTGACAAGCCTCAAAGGCACCCGGAGGGTATGCTGTTGCTCCGTGAG
CTCTTGATCTGCAGGGACTAGCACGCGACTTCCCGCTATGAGCGTTGAAAAAGTCTAGCATGCAGAGGGTATATAATCC
GGCAACGTTAGTGGGCCCTCAATACCATGGAGCGCTAACCTACCGAATGCTCTCGGTGTCGGTCCGCCCCAGGAGTGGAAAG
GACGCACCCGCCGTACCGAGAAAAGTGTAACTCTGTGGAATGTAATCCAGTAGAATCGGAGTAAACTGTTAGCAGCTCCGATCGA
AATGCAACATTTACGGACATGCAGCATGCCAGCTACCGTAGTCATAGATGAGTGCAGGAGTACTCTCGTGGGCGTTAGATAG
CACTACGTTGAAACCAACTCGCGTGTGATTGACCTACTCAGTTAGTTAGCCCTTGGGCCAAGATTGAAGTGTAAAGGTTAAAA
ATAGAGATGGAACAGCGTATCCTAATACGGCACAGCCAGGTCAAGCCCGGATCTCATGGTGGAGGCCAATGGCTGGCACACG
ATTGGCGTGATTAGCACACGCTGCATTACCGAGTGACACGATCGTAAGACTATTATGGATCGTGTGATTGCATCCGGAGTGCAT
TGGAGTCGCGATCCTGGGTATGCGCGCGTGCATTGTCACGTAGATGACAGGGCGGAAGGTCAATCTAACCGTACGGACTTCTGT
GCCAACTCACTGCCTGCATGGTAGTCCGTTAGTGAAGATGCCAGGATTGATCTGCAGGCCACGCTACGCCCGTGAATC
GCGCCGCCTAGTGTATCTAGCAAGCAGACCAACAAGCGGACACGGAGAAGCGGACCAAGGCGTACGGCAGCGTACGCGCACT
CGCTACGCGCAGACTGAGACGTTACTGGAGATGATGTCGCGTATCGGAATGCCCTACATTGAGAGGGCCGGCGACTA
TTCTAATCGATACTGTATGGAAAACCGTCCGGGATGATTACTAGACGGCGTACTGTTGATGCCGATGTATCAACAGG
TGC GTTATAAATTATTCTCTGCAGTATATCAGCTCGCGCCATGTAAATGAAATTACTTGAGTTGACCCAGGAACCGCAGCAG
GAAACAAAACGTGTCGGAAATTATAACTTCTAGGCAATTACCGATATCATCGTCTTAAATCTCATACGAGCGCGCGAGG
GCCGTTCTCGTGTGATCCGAACCTCGATGGGCACTTCGTGGAGGGCAGGTATGGAGGTGACGGTGTGTCGATGGCGG
CCTATAGCGCGTGGTATGAAAGTCCTCCCTCGCAAGGACCGTTCACCTCTAAGTTACCCGTAGAAAGCAACAACACCTGAA
GTCTATCACCCCCAAATCGTATCTGATCTTAATATGCCAAACTAAGTAAACCTGTCCTGTCGTTGCAAATGTTCTGGGAGCGT
CAGCTCACTCAGTAAGTCGTGATATAAAACGGCGTGGCTCCCCCTCGGATCCAAGGCGCACGAAACTCCAAATAGAACCGC
ACTGAATGTCGTAGGTGGAGACGCAATCCCTCAGAGACGAGCAAAGGATGATCAAATCGACCGACCGTCTCAAGGAACCGTAATGTA
GCCATCTGTTCTCCTGAAGATGATACTCGAATAGGCTCAATAGCGGGTAAGTGTCTAAGGGTGTGAAGGGAACCTCTAGGGGG
TAAGGTACCTGCCGTGGGGTCAAGCTAGACAGAAGCCGTGCCACTCGAAGTCACGGAAATTGCAAACAACCTCTTTAAAA
GGCGGAAGGAAGATTAGCAATCAGTTCACTCACTTAGTGACTIONCAGTCAAAACCGCACCTACCATCATATGTTGAGACGTCT
ATACATCGACCGTGGGCCATAGACTAGAATATTTACAGAAATGACTCGGTGCTTCAGATGTTAGCAGGTAAGACTATGTCGAGTGT
GGCTCCGGATGCGCGTATGATCTAAAGTAAATTGCTCTGTGATCGCGTACTCTACTCCACCAACGCGTCCAGCTTGAAG
CATCACTCATGGCACCGTATAACATGTCATGGACAGCAATCCGTGGCTCTGGCTTCCCCGGAGCCATAGTAGTCCACTACTACA
CATGATGCATTGGTGTCTACGGCAGAAAGAGGGCCTAGCAGTGCCAATACCGTACCGCAGCCTATACTATCCTCTCTAGTG
GTTAAAAGAGGTCAAGATTCTAGCTCTCAATCTGGTAGTCCGGTACGTGCGGTGATTGCAGCATGCCATGCCATCGTTAG
ACGACATCGAGTGTGCGCGTGCAGACTCTCCAAACTTGACGATCGCGTGTCCGGAGAAAGAGGATGTTGCTAGGTGCT
AGGAGCGACCTAGGTACGTGCGGTACTGTAACGACAGGTTATAGATGCCAGTCCGATATAGTCGAGAGTGAATGCGTGCCTCAA
TGGAGATTAGTGGGGAGAGAGACACTTCTCGCGTCAGTAAGCTGACCCGACGAAAGCCTACCAAACTACACCTCGTTGCACCGA
ACCTTTCTGTTCAAAGTACAGCGTGGATCGCTATTAGCAGCTCTCAAGCAACAGACGGGACCATGTACCCGCACGACACTGAACCA
CAAGTCGAAAGGTTGAGTATATCAGTCTGGGCGTGAACCGTAGCAGCATTGGGCTTTAAAATGTCGTAGTTATTACACGAAAAAA
CGCGACAAAAAAAGTGAATGCCCGTGGTCTCCTCCCCACCATTCACTGCTGGTACGGCTAGGACGGGGCGCGTGCACCTTAT
AATCGTTACCGGGCATATTAAGGACGCACCGTGGAGTAGCTACGACCGACTACTCATGAGATTGTTAAAACGACGTCTACCTAA
GCACAGTACTCGGTCAATTGATGCAATCCTCTGATTCTCGCTGCCATCCCCGAAGCTAGGTCAATGCTGAACTATCTCAATTGCC
GGGGCAATCCCATGGATCAGGTAGTCACCAATTACGCTGTAGGGGGCGGAGCGGTGCTCATTATGAGCACTCTATCGGTGATG
GCTGGGGCCAGGAGATGCCAGCATCACAGTTAAATCTCAGCGAGGTGTAATCTCATACCCACACGTTCTACGTAATGGTGC
ACTCGATTATTATAGCCATTACTCTAAACAGGTATGGAGATACGGGCGAAAGATGATCTCTATGGTCTGTACTGCACATTATT
CATGCCTGGTGGGCACAGTTAGATCTGACCGCACGCTCTCGGAGCTAGTGAATACCCCGCGCCTACAATGACGTAGACAGCTA
ACTGTCGCAAACACACGACGTAGTTGTGGTAGTTGCAATATCAGAAGATCCTCGCATACTGAGTTAGTCTTATCGAGGCC
AATACTCATACTGTCAACCCATGGCTTATAACCATGTACGTTGACACCGAGAGAGTTGAAAAACAAAATCTGTAGAGCGGAGAG
GCAAATCTGACTGCTGCACAAGAAGCAATATGAAAATCGACGTCTCGGGAACCCGCGCCTCAATCGCGATCTCAAGTATCA
TTTAAAATCAGAAGTAACGGTGTACGCGAGGATTAAAACAGCTTGCAGCAAAGCTCCAGAACGAGGGTGTATCAATTGACTCACTC
GCTCTTACCGGAAATGTCCGAGTTGACCCGACCAAGCCCTAACGGCAAAAGAGTTCTTGAAGCTGATTGAGGGCGTTCGAC
ATCCTACGATTGCGGTAATCCTCAAGTCCGGTTACGCCCTACACTTAAGTTGCTGTTGACCGTGGTCTGCACTCGAGAATGCC

GCCCCGGGCTCATATCATGACTACTAGCACCCACGCCGGACGGCAGTTAAGCCCACCAATACTATGCGGGTGAACCTATACGGACT
CAAGTCGACCTGTAAATGCTGAGAATGCCAATGCTATGTTAGGATTAAATCAACGTGCAGCTCGAAATCCAGGCCAGCTAGAGGTTGAA
TCTCATTGGCCTATTGATGGGGTCTACTTGATGGATGTGACACTGTACAGTGACTTGGGTGACTCACATCGCTGGCTCATATTG
AGGATCTATCCGTACCAGTCTATATCACCGATCGCTGTCAAACCTGGCCTTGCCTCCCACGGGAAGCGGGGGTATGAAGTTGGGCTA
TCAAGGCGTGAATTGCTTAACGGTCCACTTCAGGTGGCTGCAGTCAGGCCGCCGCATAGGTACCGCGATGCCGGTTGTCGTTCTT
CCGTGGCCAGGATGCACCTTAAATTGCTCTGGTCCCGGTGCTATGATTGGCATTCGGTCCCGAATATGTATGTGCTGCATA
AATGCTGTGCGGTACTAAATGGCGTACTCAGTGATTATAATGCAGATTGTCGGCGTATGGCGACTATTGAGTATCGGTTAGGA
TCCTCTGATACGATGCAGCATGACTAACAGATCGGTGCTGCAGAATGCCGTAATGGACGTCTCGGATTCACATCGATAACTTGCA
CTCCACAGCAGTCAGACTCTCGCCTAGCAGGTATTGGGTGCAAGCAGCGTCAAAAACCCACTACTTCTCGGATATCGATTAGATT
GTAGGCGCCTTAGGGTGTGCAAGACGAATCTATCGGTTGTTTCACATCTGCACCCCTGGATGGAGTTGAGTTAACCTGTGCG
GCCCGCCTTGTCCAGCTGATATTGTTGCTTGCACTAGCGCGCCCGTGGACTTGATCCGGTAGTCGCTCAGCACGACGCAATCC
CAAGACTGAGGGACAACAGCCGAGGTAGAACACGATCCACAGAGGATAATAGATGTGACTGGGTCTTCATGGTCTGCTATCTGG
TCCTTTCATATCGTGTACTGTCAAGAATTAAAATGCGATCTCATGCATATTGCGTGGGTACTGCATTATTATCTGGGATCCA
CCGAATCGACCAACTCAGATACGTCGTCCTGCGGGTGCCTACCGATTGTCACGTGAACCCCTCTCAAATCAAATCGCG
ATGTTTCACCCCAAGATGGAGTGCCAGGGAGGGGTTGCAACTCGCGGGGGCGGAATGTAACGGCATCGAGGCCAGGAGGACG
AGGCACACATTGGGCCCCGGTTGAAGGTGCAAGCGGAGTGTAACGCCATGGGGGGGGCCATTAAAGCGGGTACGCAATAG
GTGATGGACGTTGAATTAAATAAAGGTAGAGCTATGCTTACAAAGTATTGATGAGAGTTCTCGCCCGAGGGATCATTCTAATC
GAACGATTCCAGAAGCAATCCGTGCGTATCTCATCTATTATTCATGTCAGTGCCTACTCGTCTTTAATCTGTTGCGCCATTGAG
CACCGGAATAGACAAATGCCCTCCAATGAGGCAGCCAAACTATCAGTGACGCGCGAAGAACCGTCTGCTACTCACCAGAGTG
GCTCGTAACGCAAGTCCAACTTACGGGGACGATTCTGCCTCACTACTCTCGTCTTTAATCTGTTGCGCCATTGAGCGTGTCAA
TGATCATGAGGGCGCTGGGGGGTCTCAGTGCCTATCTGAGTCAATCACCGACCGTAAACTGGAGTTGTGGTGTAGGTTGAG
TCTGTCGAAACGTCGAACGTTCCAGGGCGCGAGTACCCAAATAATGGCATTCAAAGAGGAGGGAGGGATTGAACGATTGAGG
TAAACTGGAGATCGAGAGAGTACGTTAGCCTGCAAGAACGATGACAACGATAGGGAACAGATAGCGAACCCACCTCGCCGGTATT
TAAGAACATCCAGCATATAATTAAAAGCCGTCTACGTTAGCTATCGTTAGCTATCACCTAACCTAGCAACATAAGAACCGTGT
CAGTCCTGAGTGAGTCGATTCTCCGGCAATCGCAGTTGAACTGCGAAGTGAGATGCGCTGGCTAGCCGGGAACGCTCGTT
AACCTGTCGTGAGAGATCAATTAGAGATCCAATAGCGATGTACTTGAGGAGTAGTGAAGCATTACAGTTGAAGCACTATCAACATG
GATACTACTCGAGATTGCTGTAGACCCATCAGCTGTATTCACTGAGTCATCTCCCATCAGGGAAATCGAGCTTCACGAATAATTGCCCTG
AGCGAGTCGGTAGCCAGCAGTGACATCAAACATACATTGTCGCTCATCGGATAGTCATCTATGTCCTCATGGCAATTAAA
GGGATAATATCTGTGACGAGACTTCGCTCTATTCAAATATGTGTCGCTTACAAGGTGACAAACGTTCTCGCTTACAACCT
GATCCTCCTCTGCACGGTGCTGAACTAGTCACTAACAGTCTGATCACAGAGTAATTCACTATCTCGTGGAGAAATACGCAACGGCGA
GACACTATATGTGTTCCGGTAAACTAGATCGCACTCGCTTCCATCTGCGGTGCGAGCTTATCATTGAATCAGCACGAGTGGGA
CCGAAGACCGTTACTACGGATCCGGCCTCCAGCACGAGTTACGTACGATCTGTTGCGGAGTCTTACAGTGGACGCCA
TGTATTATCCATGTCATGTCGCCAGTAAGCGCCACTCTTGCCTCTCGATAACAGCCCAGAACGTTCTCGTACAATTGAAAGTA
GTTAAATCGAAGACGGGTGGTAATCTCTAACCTCGCGTACTGCAACGAATCTTACCGTAATGCGGATTTCAGTGAGTACGATGGCGTATT
ACGTAGAAAATCAAAAAATCAAAAAAAACTGCAAACCGAAGTACGTCGATGCCGGACAAAGGGCGCGTGAACCAAGAC
TGCCAAGAACAGAACGGAAGCTCCATGTCACCAAACGCACTGGTAGATAGGGTACCCACATCGTGTGAGTTGCAACT
GGTGGCTCTCCAGATGCTTCCCGGTTACTTTAGCGTGAATGTCATTACCGTAATGCGGATTTCAGTGAGTACGATGGCGTATT
TGCACACGGGTGTGACCAGAGGTTACCTTTGGTCGTTATCCAGCTAACAGAGCATACCTCAGAAGGATTAAAATACATAAT
TGCCACGCTTATGTAGAGTACGGTCAAATAGCGATATTGATCTGACATTCTCACCTTTAGTTATCAGCGCTTAGATCAC
CAAATGTCCTGAATTAATTACAAGCTTAAACCCATCACTTGCAAGCGGTGAAGGTTAGCGTAATTGATATTGACGACGGTCG
GCGTCATCTATGGGCCCGGGTCACGGGCCACATACGACTCCGGCTCTGATGGATGAGAGTCTGGCCGCCGCTAGAGTTAGCT
GGTAGACTTGAGGAAAGTCCAGCGAACACAAACCAAGAACGCAAGTCACAACCACACCCACACCTGCCGGAGACTGAATGC
ACCGGAGCGGACTCCATTCTAACATTGCGCTAGCGTACCCGGATATTATGGTGTGAGCAGGGCGCGCTGCCACCGTGGAGCG
ATGAGTATATCAAGCTACCCAGAGATTATAAGCACGGCCAATCCCGTATCCAGGCCACCGAACCTATGAGGGCATACGGAGGG
TGCCCAAGGGCAGGGAGATGAGTTGCTAACGGCAGCTCTATTGTCGCTGGTGGCTTGGGGTGCATTACCGCCGTA
TGCAGTGCAGCGAATGCTACCGCTCTGTTCTCGCTTATTGGCTGTGGACGGTGAATCATTAGAACGAGGGCAGTGTGTTATCCGC
GAGTTCACGCTGCCGGCTCGCATCTCATGTCAGTCAGGCCAGGACGCCAAATATACATAGATTACAGGGCGGGAGATGCGGAT
CTCGCGCGGAACCTCGCCTCGGACAACACGAGGATGGTGCATGTCACCGCATGTCAGGCCGGAGACTGTTACGGCACT
ACGGGTGATCGTTGAACCATCCAAACGGAGTCCTCCATCCTAGATTGCGCTGTCTCGCGCTAAGTCGCTGCCGTATCCAGTTG

TACGTCTTAGCGGGCCTCCGTTAACGACCCCATTACCGGTTGCAACCTATGCAAAATTCTGCTCTAGCGTGGCGAGATATTGCA
TAGATGCTGTCGATAGTACGATACTCGTATCTAGGATTATTCTCACGGACTATTGAGAAAGTGACGTGACCGTGTGACGTACATA
AACATAGCAGGCAACGTAACCGGTTGCAATTCCCACATTGAGAAACAGTCGCTACTCTCGCGCTCGCTCCTTAAATACACAGTG
GTACCGGCAGTACCTACCTTCACCTGAAAAGTCTGTTGCGGCATAGCGCCTGGTTAACCGTTAGGCCAATAGACAA
AGTGCAGGATACTCACGCCGCTGCCAGTAGACTGAAACCCGGAGAAGTAACCACAAATAGCTGAAGTTAAGTCGATCAGTGCC
CTGTGAATAACCGGTGAAGCATCGTCCCCGATAATTGACGAATGGGTTAACGTTTACCAACTAATAGTTGCTGGCACGTA
GTCCTAATACAACAACGTTCCAAACCTCCGAGTTGCTCCCGCTAACGCCATATCCTTGAGTTAACGGTACAGTGCATCAGTG
TCGGCAAACGGTTAACAGCTGCCGGACCCCTAGTAGCGGTGCCAGGAGAAGTGTCTGCCAATGGGAGATATTTCATTTCCC
ATCGAATTTCGGAGTGCCTAGCATACTCGAGACAAACGCGAGTGCCTCAAAATTGAGCCATTGCAATGAGCGGTATGATTGGATT
ATCGAGACATCTTCTAAAATTAGCTAGTTACCAAAAGCTGTATCTACTCGCTGTGACGCCGGCGTTGGCTCCGCT
CCTAGATGCACGGACCTACCCCTGCATATGTGCTGCAAAGTGCAGCATGGACGTTATCCTGCGCTGATCAGTGTACTCATGAGA
GGGTTCTCATAGTAAGAAGGTCCTAGGCCAACACGAGGACACGAGTGGACAGGATAGACTGGGACAAAGCGGCCAACACAGC
ACTAATTGCTAAAGTAAATTATAGTCCGATCTAACGCCCTAGCAGTGTGGACTTCGAGCCGAGCCGATCGACGTAGCGCAGGCT
CCTAAAGATACTGAGGTTCGTAGATAACCCCTTCTATTGAGTCGGTGGGAACTCACAGACTATTCTCACGTATTGTCGGATTAAAGA
GCACTGATCCGTAATTGCCCTGGAGAACGCCATAATCCGAAACAGTGCAGAACAGCAACCCGCCAGTGTCCCTTACCAACACTCACGT
TCGCTATGCAAAACGGATTATGTACAACAGGGTGCAGTACTTATCGCTAGCCTGATCCATACGGCGTGTACTAACGTGATTGCG
GCGTACCCGGAAGGTGGCTGATTTAAGGTACGCAATTGAGTCGGTGGACTTCACATGGACTTGGGGCACCCATACGTGCAC
CCGGTGTGACGTAAGTAAGCGACCGTAGGATTGACGTAACGTTAACAGCAACGTTAATAAAAGAAGATATAATTAGGTGACCAATCCA
GGCAGGGGGAGAAGTACAATGTATGCAACGTGCTAAATTGCGAGTAGAGCGAATCAGCGTAGAGGGCGTGAACTAATCTCAGCAAA
GTCGTAAGTATGTCGTACTGGAGAACGTTAATGTAATAGGATCTTACATCGAAGACACGCGAGCCAGGGACGTTCAT
TGAAGCTGATGTTGCGCTTAAATGCAACGCCCCGTATCTAGTTGCAAGCGACGGCTCTCAGTATCAGTCGAATGCTATAAAC
CGGTCTCCGTTATCTAAATTGCAAGGCGATCCACGTAAACTAGTTGTCATCTATGTCGGAGTAGGCCAGCTACAG
CATGAAGGAACCGCACCAAGACGAAGACCAAGACGATGCCAAGACGCAATGCCAAGAACCCGGAGCAAAGTCAAACGCCGGAGTGT
TAGTATCGTCACCTAGATCCAACGTACTCTCCGGTAACACGTCACATTGGTACTCCGATATCGTCTCGGAGTCCCAGTC
TCAACAAGCGGCTCCGCTGATAGAAAGCCTCGGTGCGACCGTCCGGTGGGTGGCGTAATGCAGGGACTAACCTAGCAGGCC
AGTGACGATGTCGGTGGACTGTTGTACCACTAGTCATAAGCAAGTGAGACGCTCGGCTGGCTCTTGTAGGCACCTCGTATGATGG
CGGACGTGGGAGTTCTACAGGTAGGCAGCCCTGAGATGCGAGTCGATGCCAGTCTAAAGCACCTAAAGCGATCGGCCGGCGA
ATCCCGATTATGAATGTGACGGCGTATATTAGCGATCTACCTATACTAAGTCGGACTCGCCATGCCACGGTACTGAGGTTGAA
TGGCCACCCCTAGCAGTGCAGGCCGGTGCCTAAATTGTCCTCACATTGCCATCCCCAAAGGACCACTCGTGTGAATGCA
TTGACCGCTAGATCGCCAAGGCCAATCGTAAGTGAATGCGCCGTCAACTCTATTAGTTACACTTGTGTTGTTATCCACATTGAT
CCTCGGGAAATCCCCGACTATGGAGCTGCCAGAGTCTATTCCAACTCAGGATGGGAATACCGGGCAAGTAATACCCATACGA
ACATGCAGGAAACTGCAACGCCCTGGGGACAGCAGAAGGACGAGGAAGTATAGGGACCAACTATTCAACTGTGGCCTGAAGGCC
TAGCGACGGCCCCGCCGTTACGACCCATAATTACCGCGTAGGATAACATGTCATGGAAACGGTCTATGCCGCTGCCGGTGTGGA
CGCAGTACTAGCCTAGGCTCCTGTACGGACTTGTACGAGGTTGCAATTGCAATCGATTCCCGTACGCCGAATGGGAAACTCCC
TCTGTGCTTAGCAAGGCCGACTACGAGGCCGGATCATCCGATAATAGTCTCCGGCGATTAAAGGAGCCATTGTCCTTCTA
TAGCCTCTCGGCATTGAGACTGCCTGTCGGTCCCGAACGACATTAAATTGAGTTTAAATTCTACTTAAACCTCCATCGT
GTCTCAGTAGGGCAGACGCTTGAGGAGTTCTCAACTACGGAACTAATCAGTACTCTCCGCCACCTCGATGTCGCTACCGAGTCC
GAGCGTGTGTTCTCCATAATGTAACATCGAGAGAGCATCCTATCGCTTAACCCAGAGCTCTACACCTCCATCCTATCACGCC
CTAAGATCAAGCGTAGGTGTACGATTGAGTTCTCGTAATCTGTTAAACGGCTAACGACTGCAATTCTCATCTGT
ATGCAGGAGGTCCCTAGCGTTCCGGATTCTGAGGAGCTCAACTACGGAACTAATCAGTACTCTCCGCCACCTCGATGTCGCTACCGAGTCC
GATTGTTCCACGCTCATTTAGCGTCTCGGGTCCGAAACTGTCCTGCAACGTTGAGAAATGCCGGACCCGTATACTGACCCAGTAGT
GTCGATGAGGCACCTGAAACTCGCGACCTTCATCACAGTCTTAAAGTGTGATCACGGTCAACAACTGCCGTCGTTATCCCG
AAAGTCTCGATCGAGGAGAACCGTAAGGGTACAACACTGCGAATGTCGTTAGGTAACCTCCCTGCTTGCCTGCGCTACCTGACTA
TATGGTCTTAAATCGGCCCTCGTAGCAGCTTGTACGGAGACTTATGATTGACCCCTCGTAATTAGTATTATGCGCACTAACCCAA
TGTATACGATAATTGGGGATACCGTCGCTCTTGAAGGTTAGGTCACCCAAGCCGTAAGTGTACCGTACCGTAAAGCCTACAACTG
TACACACGAAAAATTCTCAGGCTGAGGCCAGGATGTACGGGCGTCCAGGGCACCGCATGTACTGAGTCGACTGCTCCTCTGTTATAGA
TGAGTCGAATCAGTCTATCGGTTGTGGTACTGTCGGTACGGTGCCTCGCACACGAGACTCGGTTGAGGCTCTACGTGGA
TACAGATAACGGTTCTACTCACTCCAAAACGTAAGACGCCAACAGTGTACGTAAGTGAATGTACCGCGTCCACACCTCTGGTACG
ACCGATCCTCTCCACCCTCCACCGAGCTCGCAGCACTACGTCATTATGCTAAACTCCGGTCTACGGGAATGTGAATTGGAGTT

ATGAGCACTGGTCTGTTGCCAGTGGGAGTGTGATCTAGTGAGCGTAAGTCGGTCTGCCGTAACACTCACCAGTCAGCGATAAG
GTCCGGTGCAGTACTATACGTGAAGAGTCAGTCGAAGAAACAGTGTAAATTACGCCAATCCCACGGGCCATTGAACATACCCAA
AAACTCCGACTCAACTTACTGCCGGCGTTGAAAGCCGAAGTATAATCGTCCCAGAGGCAAATACAACGTCGAGGAATAGCA
CGACTTATGTCACCTGTGTGAAATGGCTAGAGTGGCAGTGCAGATGGCTGAATTCATCTGGCTATTCAATTACTGATGCATCATTGA
CTCCGGAGAAGTGAGACTGAGCCAATAGATCTCTCGTGGTGTAGAATCGATTAGAACGTACGTAGCCCAGGCTCTGGCACTGTGT
TTCAGCTGGCCTTAGCACGCCCTCTGTGGCCAGGGGAGGGTCACTTGCCCTTGGCGGCTTAATTAAATGGATCGACAGCGCC
GGCCGAGCCGTGCGCAGCAGCACTATGAGCAGTGTCCAGACGGAGTTGCCGATCACGTAAACGGTAAAACCGCATGGCAGCAC
TGATGTGGGTTGGTATAGTCCACATCGGCCGGCAGCGTTAGGGTCACCCCTACCGCTTGGACTTCTCACGTATAACGGAGCCA
TTGGGTACCTCATGGAATAGGGCACAGGGCTGATCCAGGATCTATTATGGATACCATGAGCCGTGCGGCTAGTCACGTCTT
TGACATCCAGCACACCATTCCATACCGAGCCTACGTATGCCATATGGCTTGGGACCTAACTTGAACCCATCAGTGAAGCGC
CGTTGGAGTCTTCAGTGTGATGTCGCTCCCCCTTCGTAGCTCTCGATGAGGCGTGTCAAGCAGATCGTTGTTTACAAGTGAGC
ACATACTTAGCTACACGTGGCATGCTGTATAATCACTCACATGAGGGAGGGTAGCTTAACTAACGTTGACGTACCTG
TATCTGGTCGCCCTTCTAGTCACGGCGTCACTTGCAAGCTTAACGGTACGCCATTACACGTCTGGATCGATTGATTG
ATGCCAGTAAATCGGGAGGCTCGTACTCCACAAGAAGAATATTCAATTGTAGTATGACGCCATTACATGGAACCTCTAGGTTAGTC
TCCATTCTCGTAATCAGCTGCACAGCTCACCGTTAGTCACCGGTGTACGCTCGCTCATCTGGCTGGCAGCATCCACTGG
TGAATGTCTGGTGTGATTCTCACCGAGGATGGCACAGAAAATTGGCGTGTCAATGCCCTAGAGAGTGAATTCAA
TTAGGTAGTGCTATTCTAGATTGGTGTGGACGCTTCAGCGCACTAACGCTACTGACTTACGGATATGCCCATATGCGCTTGAC
GAAGACAAGGTACAATAACAAGAGCACCGCGAAGGATAGAACGCTAGGGAGACAGACTAATGTTTAAAAACTGATACTTTATGTC
TTGCGGTGTTCACTGATCTGGCTTTAATTGCAATTGCTAGCTTACCGACATGCACTTCAACGTTTATATTACCTCTATAAG
GTGCATTATCCGCTTAACAAACTCGATCATTGTCGATAACTGCACTTCACACTGCCCGGACCTAATGCACCTCGGTTCCGC
TTTAAAGTGAATTACTCACGGTCCCTACTTACCCACCTATCCAGATCGAATTGATCGTAAACAGACTTATATTAGCG
CGGCCTAGATGACTTGCATCCAACCCAAAACGGGAGCATTGCCCTTTAAAATAGGTACATGATGGACCTACCGCGTTGTT
GACACGAATAGCCAGATAACCGGCGAGTACTACTGCACTCATGCTACTACATTAATCCTCAAGTTAGTACTATGAATGAGCAA
CTAAAGAACGGCGGTTAGTCGCTGCGAGTCGCTGGCTTACATGTGAGATATCTATCAGCTGGAGATCGTCTCGATTATAA
TCAGGAAAGAACCGTGACCTCGCCATCAAAGAGAAGGGGAAGACCTACATACAGAACCGCGCAGTACAATTGCAAGGTGA
CACTCCTGGAGCGCAGCGAGTGAAGCGTCTCCACCCGTAGACCTACGGTAGAAACACGAAGACGGCGTTAGAGTAAGTCTTCTC
TTATATTGCTCAAAGTATTATGCGTCTGGCACTTCACCTCAACTTGGCGGTAGTGTGCTGCCACTATTCCAGGGGAAGTGGCATT
GCCGCCAGCGGGCGGTCTACGGTCTAGCTGCCCGCTCGCGTACCGACGACAACCTCGTACCCAGAGATAAGGTGGG
CACAGTGTCTAGCGTGGACGATCATAGGTATCCTCACCTCATCGAGCGTATTCGTCATATACTATTGTGATTGACTCTCCA
CTTGGATTAGTGACTGGCCTATCAGTTGCACTCGAGTCGGGTTGCAAGGGCGATATAACGGCTGGCGTATTAGGGCAGAGGGCC
CTCTCATTGATGGAAACGGTAGGTACGAGCTAGCTAGCATGCACTGCGATGCCGTGGCGCTGTTCTCATAGTACACTCGT
CGCCCGGGTGGCAAAACTACTGGACCCGGCGATAGATAATGCCGAATCAAACGGCTGGAGGTGGATGTCAAGGCCTCTCCACCGGC
TAAGCTAACGGGAACCTTCTATTAGAACCGATCGGATCTAATACGTGGTGCAGTTCAGCATCGGATTAGCAACCGACGTGATG
TATCGCATTAAAGTCAGAAAGATCCTCTCCATGTGAATCCGATATCGCACGAACCCCTCGTCACACGGCACCGTTACTTAGCCTGT
GGAATGAGCCATACGTAATCGATGTGAGTAAACTGCCCGTTATCTGCACTTACCTGGCGTAGTGGGTTGGCGACGAG
GAGGTGCGCAGTTTGGTGCAGACGACATTACAAGCCGACGACAAATTGCAAAAGTCTGAGTACAGGCAGGCCACGGCCT
TGGACATATTGGCCTGATGCTTGTGCTACGTCCCCCTTGAGGAGTGAAGCACGTCGAACGTCAACGTTGAGCAAATCATT
CAACAGTACGTCAGGTCACTTAGTCTCCCGTGGCTGCCGAGGCATGCCCATGGTCCTTACTTTAAATTCAACCGCTCTCAA
AGATTAAGATGAGTGAATGGCGAGGGCAATAGACCGTAAACAAAGCAGGGCTGAAGTATAGCCGAGAGCAGAGACAGATTAAGTCAA
TTCCCTTACGCTGCAACTGCGTCTCCGGTGGCGCTCATTGCTATCTGGCTTTAAAGTGTCTCAGAAAACCTCCAAAA
ACTCCAGCTTAGCCTGAAATAAGCTCGGGTAGAGTCGGAGGTCTCGAAGCACTTTGATAACTGCATCATTGGAGAGTAGTTAAA
GTGAAGTCGAAATGCCCCGCTTACACCAATTGGCTGAGGTACTTGAGGCTATTGCACTGGATTGAGTTGCTTGA
CATGGTCTCTTACGCCGCGCCTGCAATTACTTAATATCAGGGTACTTCTGCCGATTTGTTATTAAATTTCACCGGAG
CCTAACGCTGAGCTACGCCGAAGATATTGGGAGATTTCAATCTGCACTACCCGTATCCATCTCACAGATCAAGCTGGATTATA
TCATATATCAATCACCGTAGTACGTCAACTCAGTCCTATTCCACTGCAGTTAGGTACTAGCTGGATAACGGCACCCACACGCC
ATTAAAAGGACAACCGTAGAGCCCTCAACCAGGCAAGGTAGGGGAGGCAGGGATGCCCTCGCTCATACAGCCGGACCTTC
GGCGTGGCAATACGGTCTACCGCAGCAGATTACACTCCTTAAGATCTTCAGTCTAGTTCTCACCGCTGGTATTCA
TGGGTTGGGCGGCTCGTACTTGCTGGCCTGGACCCGTTACCGTGAGGGCTTAGACATGTTAAATCTGAATCTGCTG
CGCTTCGGTAGGGCGGTTCGTATTGGTACTGGCTTCACTGTCAGTTCAACTCCACGTGCCCTTCTATAGAACCTGTGCAAT

TGAATTCCCAGGATCAAAGCTACCAGTCGAATCAGACGATCCCATAATTGTTGGAGCCGTCCCGATCATGATCTACAAGCCCCAT
AGTCGGACACCTACTTCTTGCGTAGCGTAGCTCCCTCACCGACTGGTGTACATTACCGCGCCCGCTTGTATTCGAG
ACATACAGGGACTCAGTTGTCTGGTCATTCTGGAGTCGCGATTAGAGCGGATTGACGCTGGTCTCATGCGCCTTCATTCTG
CAGCCCTGATTTAATTGAAGGACCGATCTACTGCCAGCTCTCCGTGGAGTGTCACTGATGCCGGAGGGCTCCGTAATCTCATTCA
CGCATAGAGAGAAGGGGTGAAGTAGCGTTAGCGCAGTGGAGGTGTCGTACTGGGGAGCCGGAGATGGGCACGCCAGATCACGTT
GGAACCCACCACGCCGGACCGTTACTCGCAAAGCAATTGGCAATGCCGGCAATCTGGAACCTGGAACGAAGTGTGCC
TGGTGAACGGCGTACAAGCCCCCTCAGGATGATTACGTTAATCGCAGTCGGGGTCGTTAGCCCACATGCATCCACGA
GGTCGTAGTAACACATTATCTTCAATGGCTGGTTGCTTAGCCGACGCTGCATGTGCTGGTAATTGCTTTCATATTCATTGG
TGGACTACCTTCTTAGTTGGCAGTTAACGTTGAAGCGGGAGCGTGTAAATGGCCGGTGGCGACTGCATTCCGCGAAGTCAT
CAGCCCCCGAAGTGGATAACTGGATGACCGCATCTCGTAGCTTAAGTTACCTTCAAGGTGTCACAGATGTGCAAGAAGCTGA
TGTTTACATTACGTTGGTACTGGACCGATTGGGCCTCTAACCCCATCCTACTGCTTCTAGCCAGATAGAAGATCAATCTTAT
AAGTAGTTCGGTTGACGTTAGTCTGGGTTGGAATATCTCAGTAGGGTAGTACGGTTCTTAAGTGCAGGGAGATAACCGAGCCTAG
AGGTAGACCGACTGAATATGAGCAGACGGCTGCAGTTATCAGCAATTGATCCGTCACCTTACACATTACCGGCTAAATCCCT
GTATGCGCTCCGGCGTGAGGCGGATCTACCTACACCACCCAGTATATAGATACTGCCACCTACTGAAAATTCAATCGTTAGGTG
GTGGTCTCTCAGTCATATGAGCCCGCAGTCTAAACTAATCATTATAAGCGGACCTCGTGGAAATGGTGAAGAAGGAGG
CCATGCCAGCCCCAAAGGAAGCCGTAGGTCTCGAGGCTCGTTACAGTCCAATTGCTCGCCCTAAGTCTAGTTCAACTCCCATC
GATGCAAGGCCATACCTAGGACCTGTCACCGGGTGTAGTATAACTCAATCAGTAGATACTATCTAGGTGACCTTGAGCCGTCTC
TAGACGCACCCGGATCACTCGGGTCACTGCACCGAGATTGGTACTACATCTACTCCCTACCCGGCGTCATCCGGATATCCACTCAT
GTGACTCACTCGGAAGATGTCTTGACCGTTAGCCGAGATTAGTATCATAGTGAATCAACTTACTCCACGTGTATATACTGCTCCA
ATTCAATCCTCGTAGGAACGGAAAAGTTATCTAACAGGTGGCCTGGCATAACAGTCACCCAAATAAGGTCGGATCGAGCTCGAG
GTAGCCTTACCGGTAAGCAGGTTAGACCGCTGGGAAATATCCAGCAATCATCTATTATAACCCGGCTTGACACTCATTAAAC
TGGCATTCCCTCATCCTCGTAATTCTCTGGCTTTAAACAGAGGTCCAGTGGGGCCTTAAGTTTTCAAGACGGGCTACTGGCACTAATTG
TCCCGTTAGCGTGGCTTAGTCCCCCTCGGCTGTGGGGCGTTAGATGGCATAACTTGGCTGATCCTGTCAGGGACT
GGGGCGGACTCTCCACCAAGTCAGAAAACCTAGCCGTACGGAATAGCCCAACGAATCTGAACGGACGAGAAAATGAAGAACGATA
ACGGCATTCATCCTCAGTGGCATATCACAAGTCACACATCCACCGCAGGGATTGGACCCGCTGCCAAGGTGAATCCTCTAATA
GCACTGTGGCGGGTCAACCGATACTATGACTCCGTAGCCTGCTGAAATTACCGGCTTCGTCGCCAACATATGAATTGCTG
GGTCCATTGGATGTGGCGTGGCGTGAACCTCGCAGTTTCATGATTTCGAGGAGTGAGGTTAAGGTAGATATTGTGGACTAA
TGGGTAATCTTTAGTCTAAGTGGATAATGGCGAATTAGCTTATAATGGTTTGGCATTGGCTGTCTACGACTCTAGTGC
CACCCGGTTGGAAATTATCGGCAACTTATAACACTTATCCGTGATATGAGTTGAATTACACCGTGGAGTATTGATCTTGTG
AGCCTTAATAGGTGCCCGACTGGAGGTAGTCGATCTAGCTAGATATGGCTGGAGCTCCTTAGCACTCGGGACCAGCATAGTAC
TGACGTCAAGGTGTACGAGGTCTAGCCGATGCCGGCACCGTGGGGCATTGCACTCGCAGGAAGCACCCTGACTATAATCT
GTTATTGACCGCGTCTGAGTCGCGATTCTATGTTGTCCTCCGAGCTGCCAACATTCCCTCAACTGGATCTCCCTCCCGTG
GTACTAACTCCTTAGTTCAAGTCAGACTGCCGTCCGTTACATGTGGTTAGACTGGAGTACTAGTAGGTGCATGGCACTTCC
TATTCACTGGCGCTAACTCAAAGTTGTGCGCAGGGCGATTGCTTAAGTTGAGCTCGGACGGCCTTGAGGCGTAAGATTAGC
TGGCGTAGTATAGCGTAAGATGTAACCGTCGATACATGCCATCTCGTAGCAGGTCGAAGTCAGCTCAGATACTAGTAATT
AGCCCAGGAGGAGTACCTGCAGAAGAGCAAATCCAGTGCAGTGAGCGGAGATTCACTCGTCTCATCCTACCATGCTTATTAA
CGATTAGAGGTATAGAGCATCCTGGGAGGTCAACGATGGACTGAGTATGGTATCCTCTCTGCACCTTCGTTGAGTGTAGTAC
CCCTAACTGAAGTTCCATTGGCGTTGGCTCAGTTTTACTTTGAAGCACTGTGTCAGGGATTGCTATGCCCTAATATTAA
AGTGTCTAGAGCGGCTTGGCATATTAACTCATATCCTCCATACGACTAAGTGTATGATCACCGGGTGGCGCCGTATGATTTC
CGTTGAAGAGTCCTCGTGGCAGGTCTGAGCGGCACGTACATCGATCTGTACACGTCGTCGCCCTCGGCCGATCCAGCACT
AAACTATTGTCGCCCTATGTATCCTAACGCTATGGGACGAAACAGTAGGACGTCTGTGTCAGGGATTGCTATGCCCTAATATTAA
CGAGTGTCTGGGTACGCACGCCGGAGTAGTGTAGTCGGGATCCACCATCCGATTGACAAACGGTGGATCGCGTAAGTTGTTG
AAGTTCTCGGGAGGCCACGCCGTCGACATCACCTATTGAAGATGATGACTCCAGTCGCACTACGAGTAGATCGATACTGAGATC
TTCTCATGCAGAAGATCTGCACTAGACCGACTGATCTTAATCGGACTCGCAGTCGATCCTGACTATCGGACTTCAACAAGT
GCGGTTGCAGCTCGTGTAGTTGACGCCATAATACGTCGGTACTAAGTATAACGGAAAGATGGAGCTTAATTCAAACGCAC
TATGACATTAGGCCTAAACCTCTGCCCTGCGCCCTGCTGGAGTGGCTGTATTCCCTAATACCAGGCTAGCCGATTACGGCTGTTA
AGAGAAGTACACTACGGCGATATCATTGCGCTGGAATCAACTGTGCTTGGAGAACGTGTTGAATTGGAATTGGCTTTAAAACAGC
TGCCTAGTCCAGTATTAGTGTCCCTTAAGAGAAGGCTTGAGACCTGCTCGATGCCACTCAACTGTTGTGGATGATAACCTGCATTGG

AGCTCAGCTGGAGTTCAGCTCATAGCAGGATAACCCTTACTACGAATTACAGCTACTCTATCTTCCCACACTCGCCCGAAGAAGT
GACAAATCTCCCTCTGGAGGGACGGTACTCAAACACTCAGGAACGATCTGCCATCTGCAACCTCAGCGTACGGAACACCAA
AATCACAGCCAAAGAAGACTACCAAGTAATCAAACAGTCAATAAGCTAACGGAATCAAAGCACGAGGGACGAGCTCAATAC
GGGGGATAACCAGGGCACCATATCATAATAGGTACAAGCCCTCGAACAAATGTCGACCCGCCGCGATATCCTCTGGCAGAG
AAGGGGTAAGCTCTGGTTGCACCCGGTCAGTGCATAGCCCTGGCGACATCCGTAGCTTAAAAAACCTGGTCTGACG
CGTTGTTACGTCACTTGCTTCGCACGGTAGCAGCCTGCATGAACGCTTCACCTGGCGTAGCTGCGATGAGTTAAAAGAAG
ATCCTCTAAGTGTATTAGGTTGAACCTAATTCATGTTGGATAGCTTAGCTACCGCTTCAGTTCAATAGTTGGCTTT
AAAAGTATACTATCACTTAATAGTATTAGGAGCTTCTATGTTCTCACCTTCCCCGAAACGATTCAGCTCAATCTGTTAC
TTTAAAAGCAGTCTCGAATTGAAAGAACCGGTCAAATAACCGTCGAGCAACCTTATGTGGCGTAGTATGCCTAGCTCTGGC
CTTCAACTGGACTAACGTGATGATCCTTATGTTAGTCTCATTCAAGCATGGTCTCGTTGGAGAGGATGATGTTGTTATTCAAT
TCTTACGAAGGGAAAGGGTTCGAGCCAGGCCGCTAAATCAAACCGGCGAACAGCAGTGAATAGTATGCGTTAGCAGTCCATCAACC
GCCGGGATACGTCGCGAAGCTAGGTACTCGTACGGTCACCGCGAACCGTTGACCACCTAACGCACCTAGATCGCGTT
GTACCCAGTGGACTATCCGCAGGCCAATTCTACCGCATGATATAACGCCATGTAACCCACACCGGAGGAGAATGAATGT
CAATTAACTACGTAGTATCAATGGATGGACTTCACAAATGAGGCGCTAGGTGGTGTAGTTAATTCCCTACCGTAGCATT
TGCTTAGCCTCGTAAGGTACGTGAGCGTCCACCGTTCTATGTAGGTCAATGTCAGCTCCAAATTGACTAGTCGACCCGACCTC
GATATTGCCCTGGTACTTCAGGCGGCCACCGTTGGCTCTCTGATTAGCCAGTGTGTACCTCGCGCCGAGCTATCTAA
CTATCATA CGCAGACTATCAGAAGAATGGATCGAGACCTCTAAATCCAGCGGATTGAGCTCCACCCGAATAGCAGCCTCGTC
AGAGTCATTTCACCTCGATACCGAACCTCCGATTAGCGACTTCACAATGCCACCGATAGGTCTCGAGTCCCTTTGATT
GCAACTTTATGCTTGAACATCGGTTGGAAACAGTCGCGTGGTGTAGGTGAAACTTAAACATCAGCTATAGACTCTGCAACCG
CCCGTTCTAATGCATGTCATATCAATGTATAAGTCGATTCTCGGAAACAGCCTCTTATAGGAGTAGCGAGGAGTCAGCACCACGC
GTTAGATGGGCTGACATTAACCGTAATCAGTACATCCGATCGCGTCCAGGGACGGAATGCAATTACATTGAGCCCTA
TGACGCCACTGACCGTTGCCGTGCTCTCGCGTGTGATTCCATTGGCGTGGATTTCACCTGTGGAGGGTGCCTT
AGTAGAAGCTACCATACCTTAACCTGGCCAGGGATTGCGCATACACCCAAAGACTAGACCGACGGAAATCTACCAAGATAATAACC
TAGAACTCGCCGAGCGTGGCGCCGAGCCTATCCCAGGAGCCGAGCATA CGGACCCGAATATACGGACGGAAGCATAAAAT
GCGAGACGGCGATCCATACAGCCAGGAATCATAACACCGGAAGGAATGTACACAGCACGGGCGGAATCATCGCTAGCCATGGCA
CAGGATTAAACGGAGATATGCCATGCCAGTCGCGCGGCGATAGCAATCGCTCCATACATTAGAAGCCGACGTTTCAAC
GCGGAATTGAAACTGCTTGTAGAGGGCGAGCAATCAATCATGACGTATAACTTGCCTTGTAGGTCAAGCTCGCAGTAGCAAGA
GGAAC TGCTTAAAGATTGAGCTTCGCATGGCGAGTCTAGCAATTGAGGAATGGCAGCCATTCCGATTTGACACAGTAGTT
AACAGTCCAGTAATCGAAGTCAGGCACGACGCTAGCGTACTCATAAGTCACACACAATCGACACGATCCAAAGTGCATACTTAT
ATCGCACGGATATATTGCACGTTAGTACAGACCGATCCATTGAAAGGACGCGGTACCAATACGCCCAAGGGATGCCACCCAGCACAT
AATTCTCGCGGAAGGTCCGCTATCCAGTGTACTCAATACAGGGGTATCGAGTCGAATTCCAGCAAGGGCAAGCGCTGATC
ATAGCATGAGTACACGTGATAGGCTTACAATGGACTCGACTCCGTCTATTGGTAGCGTACGCTAGGATTAATATGAATTCCCTCTGG
CATTCACTTCCGCACCTACTAGTAACATTAAATGTAGTTATTGCACTGATGTTAACCATCCATTGCGTGTAGTAAATGACGC
CTCCTCCAATCATTGGATGCCTGGATCATGGGTCACTTCCAATCGGGGCACTTAGCTTCCCCTGGAGGGCTGACGTTAGTT
CAGATGTCCTTTCGGTTGCAGGGCCTCGGAGCGACTTGTAGCGAGATTACGCTACTGGGAAGAAACAACACTGCACACTAT
CCTCATGAGTCATGAGGGATTGCGACGCCAATATTAAATCTAATAGAGCGCTTAAATATCTGGTTGCCCTATTGTAAGTGC
CTCTCCACAGCTTAGAGGCAGTCTGTTACATAATGACCGGACGTGACATGGTCTATTAGGTCCGTTGAGCTGTCTGCGACATTG
CCTAATAACGTGGGATGTACGGATGAGTAGTACGTACGTTGCACTTGCAGTACTACTGCACTCAGATGAATCGAGGCGTATAAGTG
GTTATGTACGCAGGCCACGTATTGCGATGATTGGTATTACCCACTGGCCGACAGACACGCCCTACGCAGAAGGGATTCTCC
ACGTAGTACAACAAGACAAGACAACAAGAAAAGGTATGCCAAATACCGGAGCAAGACAGGATAGGGTAACGGATTAGGTAGTCAAGA
CTGACAAAACCGAAGTGTGTCATACAGCGAACAGTCACCTCTATAACGTTGACCAAGTCAATACCAGTAAATGGATCA
GGCGATCCATAAAAGGGATCCCCAACGGGAATACACAGGCCAGAATGTAAGGTGACAAGGTGGAACGTCAGTCAGGAC
AAACTAGACTAGTAGGCGCACTCGGAGACTATAATGTCGACCATACAAGCCTAGAATATCCACAGCGAGTCGACCCGCCATGCCGG
AACCGGAATATACTAGCGAGGCAAGGCGGACTATAATAGAGCGAGCGAGACATATGCCAAGCACCAATAGGCCAGGCAGTC
TGTATCCCAGTGAAGCAATAATGCCCTGCAGTCCAACTCGGATACTGCGGATCCGTATTGAGTGGAGCTTAGACCAACACAAAAGG
GACAAACCGATCTAGAGCAAGTGGAAATGTAGCAGCCAGGGCTACACTGTTCTGATCGCAAAACGGTTACCTGTCTTCCGCTTTG
CGTTTGTGATTAGATGGCTGGAGCTTGTAGCAGGACGTCAGTCAGTCCGATTGGCTTGGCTTGGTTGATTGTTGATTGTTA
ATCCGGCGCGTTAGTGAACCTACAGATCGTACACATCAAGTCTGTCAAGTGTGATCGCAGCCTCGTGTAGGTACAACGTATGGTCT
CATTGATCGAGGTCTAATAGAGGCCATCACTTAACGTTCCATTACCTATTGGCGTAGCGGGCGGGTATTGAGCAGATCACATT

AAAAGTCTTTACCCACAATTGGGATATTGGCGTCGTAGTGAATTACTCGTATAGATGGTGACGTTGCTTAGCCGAGGATTA
GATTGCCTAACCTATTGTCGAGTGCCCTGCATGTTAAAACCCCTGCCGACAGTGCCTTGACTTGTACTACGTG
AGATGTCTACCCGGCTTAACGCTCCGTACGGGCGCAGTATGGCTCCTCCAAGTATTACGCCCCAGGGATCAGTCGGGTAATCCT
CATTGAGGATTCCCTCCCACCGCGACCAGTAGACTGAAGGGCACCGTACCCGCCAGTCGAAAATTACCGGGACAGAAGAAGGGTCC
GTAAGCAAGCTAACCAACGAATCTAACCCAACAGACAGCAGGGACCGAAAGTTAGGAACGATAAAATGTAGCCGTACGACGCC
ATACAATCGAAGGGCAAATACACGGGAATATGTGATTAACGAGGACAGTACTATAAGCCATGACATAGCGATGCCGAGATCACGCTC
GAGTCTAGGACCACGAGTGGGCCCTCAAGTAAGCGTAACGAAGACACGAGATAAAAGCAACCGATATCGCATACATACCATCAATGT
GCTCGCCTACCTCATGCTTAAAGAGAATGGCTCACACCTAGACCCGCCGACGTGCCTAAATGAGGAGGCCGTACCTTACATACAT
GCAGATGGAATTCCAGGCTCAGACCCAAAAAATCCTAGCCAGACGGACACGATTATCCAAAGTCATGAGATAAGGAGGTCAAGCGCA
GATAGCGCGGTACCCAGTAACGTGTCACCGAGTGACGTTACATTAGGTTGTTGCATGGATTAAAATGTGTAATGGATGACTG
TGAGTTGGAGCGTACCTGTATGAACGGCTTCACGGTATTGACGCCATGGCGTATGGTATCGCTGACGTTGAGCATTCAAC
CGCCCACACATCGCTCGCGTATTGTCGCTGGCGTATGCCATGGCGTCCACTGCGAGTGGGATGGATGGATCTTC
ATTGCCCTGATGCTGGCGCGTGCATCTCCTAAACATGCAACGCGCTGTGTAAGTTGGGACCCGAGTGAAATAGCATATTGCTTC
CATATTCAGTAGTTAGACAGCGCTTGTGAGAGGACTGTCAGCCCACGCGACTGCGATCAAGGCTCCAAGGCCGAGTACGATGACTC
GGTACGTCCCGTAGCCGAGAATTCAAGATTGACTATCAGGGCCCGGATTTACGGGTATCAATTAGTGGCTGGCTGGATATGCC
CCGCGAGACTATGCAACGCGTAGGGACCATACCCCTACCTCAAAGTAAGAGGAAAGCTGCAAGAAGAAGGACTGAAAGTGTACAGTGC
CCAACGGACAACAAGGACCGAGCAGTCCCATAAGGTAAGGAAAGCTGCAAGAAGAAGGACTGAAAGTGTACAGTGC
TTCGCCCCCTCACAGTATAGTCCGGGGGGAACGTAAGATCCGGATAACCGTCAACCGGCCACAAAATACCGAAGGAGCAAAGCG
TAGGGTAGGAAGATCCACTACACCGACCCGACATCCCTAGAAATCGCTGCTGCCCTTAACACAATTGAACTTCTACCGATGGA
TGTATAGCAGCCATGTAGAGGGTACGTGCGCTTAGAGGGATGGACGATCTGGAACCCACTCCAAGAAGACATTAACTGCAG
ACGGAGCCCTACGTGACCTCAAATAAGGTACATGTTAGGAGATGCAAGATATACTGCCGGTGAGCGGATTAAGCTTCCA
ATTCTCCTAACATGTCACGCGAGCCTGAGGAGGTAAACAGACTTCCAATCCATCGCATAGACAGATACTGCAGACTCTACCTC
ATGACTATGATTAGCTGAGACTCTCACTAGTGCCTACCTAACCGGTATGGTCAATTGACATGTTCTAAATGGACATGTGATTATCATGTTG
ATCATTCACTTATCTTGGGATTCAAACCTCCCGACCTTCCACGATCCTGTTGATTTAAAAGCCACTCCAATTAAATTGACTCT
ATACGCCTACTATATGAGTCATGAGCTTATAGGTGGATGATCTGTATTGAACCATCACTTATTGCCCTGATGCGCTGTGCG
GACTAATGGGAGGGAGTACGTCTTCTGCACTGATGCCATAGGTAGCAAGTCCGATGAGGTTGCTCGGATGCTGTTGAG
CTACTGGCGACAGGCAGCAGTGTCAACTTAGAAGATGAATGTCAAATATCCCCAGCGGTTCCAATTCTCATATGACAAGAACCTG
TGGCAGACTTGAAATGAAAGAGACAGTACCGACCCGGAGCCACTGCCACAAACGTGCCAAAGCACGACCCCCAACCGCGAAGACCC
ACAGTACAGCCCCAACAAAGCTGGACCGACGGACAAGACACGAAGTACACTCTCCCGCAAGGGTGGAAAGGAGAGCACCCAAAGTCGA
GCTGTGGCAAGTGTGCGCTCGAGTAATCCACGGAGAAGCGCGTAGGTAGCCGCTGCCACAATATCTCAAATCAACACGGATG
AGAACTGAAAGATAAGGCTAGACCGTACCTGGGATAGGCACGCGCTGCCGTACCCCTAACCTACCTATGATGGATATCCTCA
CTCTTCCGGGGTGCCTGCAAATGAGGCATCACAAAATGCCCTCGTGGGTGCTTTGAGTATGGCCCTCTTAAGTAGCT
GAACCTGGAGGGTGGCTACCTCGGATGCCAGCCATACACAGAGGGGACCAACGTTCTCCGACTGCCCAATAGCTCAGAACAG
TCGCGCGATATCGAAGGGGAGCCCAGTGACAGACTTTATTGCAACCCGTCTCGTAAGCGTTAAGAAGTACCATAGGTACACCTA
GGATCAACGGGGTGCAAGATAGGTGAACGTACACGTACCCCGAGCGAGCAGCAGTATGCCGGATGTAACGTAGGATGAG
GGACCCGCCAACATACCGCTTCCGGATGCCAGCCACTCACTGTATCAGTTTGTGACCGCTCTGTGGTACTCATTAGTGTGGAT
CACTTGGCGTTGGCGTTCATATTAAAACATTGGGGCTGATCCTGATAGCTCTCACCTTCGCTTTAACTAATTCCCTA
ATCAGTGGTTAGTTAGCACTGGGTTCTACTTAAATACAATGTCAAACCCAGGCATGCCGGGGGCCATTGAATGTCAGTCTAGT
CTAAGTCATTGAATAGTCGTACCGACCGTGTAAATTGGACATTTCATCACTAGTCAAATGCCCTGTGACTATAGTAGCGGA
GCGCAGCGAGCCAGACCTAAATCCCCACCCGAATAGAATGCCGTGTGCTTGCAGGAAGACATATAGACATATTAAATAAT
TAGGCCGAAGAGACCCCCGACGGCAGACCCGAATTAGGGGGAGACGACTGGGAGTCATGCCAGGAACGCGGAGAACGAGATC
CCACCGTACTCCACGTCACGGACAATAAGCCTCCCTCAAATCGTGAGCCCCGGAGGGTATAAAAAGAGGGAGGATATGCC
ACAGGACAATATTAACCACACCAAAAGGTCCACGGACCGACACGGACATGCAAGTCGACAAGGCGTCAAAGATCTAGGCAAGGCC
CTAGCCGGACTAACCTCCTACCGCATGCACTGGCAAGCCGGCGCAACTGATGCAACGGCGCTGCGAAGGTAATGCC
TGGGCTCATCAGTCTAACCTAAGGGGGTATATCACTGGAGTCACGACGCCGGATATCTCCACAATGCGCAATGGAGCC
AAGTGAACGGATTGCGGTGTGGTCTAGACTTATCGCTCGTGCAGGACCCACGGCCCGTACCGTTCTCCTCACATTG
TCGCTGGCATGGAGACGCATTAAACCGGTTCCAAGGAAGGACCCAGGGAAACGGAATCCCAATGTC
CTAACTTCACGTATGAGGGTGTGGACTCCATACATCGCGTATGAGTGTCACTTTCCACGAAAGCTCATTCC
GTTCAATTGGGCCACTTAGTATTGGTTCTTCATACCGCGTGGCCCTCCATACCGTGAATTCTTGTATT
AAAAGAATCAAC

CONFIDENTIAL // DNA SEQUENCE DATA

CGCTGTGCCCTACATGCCACTTCGGAGGTGTCCGCACGATAGCATCCAGTCTGGAGTAGTACCTGTGGCGCGTGCAGGGCAGGCAAT
TGCATTGTCTTCATCACCGGTCCGTGAGCGCCGGGGCACTGTAATAGCCTAATTGGGAAGAACATATCACTCGGCTTTGGA
ATTCCGGCTCCCATCATATATCCGACTCGTACACTACATATGTACCGACCCGCAAGGCTAGGGCGTAACCAAAGCTATTCAAAACG
GCAAGCGTGGGAAGACCAGGTACCCATATAGACACAAAGAAGGCAGGCCGTACGAGACGTGTTAGGGACTAGTGAATTACGTCC
CCGGAGGGCATACTCATAAAGAGACAGTACCGAGAACATTAACCAAAGACCGAAAGGAAAATCGTGAGACCAAACACAACCCATA
CGAGACAGCAGGACAGTAAGGTAAGGCGTACACCGTAAGGTCTAGCGAGCGAAATCAACGCGGCTAGACCAAAGCCAAGCCATCC
CAATTGAGAGACGATTGTAGAACCAAGGGCGCACGGTAACTCCGTATATAAATTGCGGGATCCGGTACCGAGCTCATCACAAG
TGAACCCCACGCCAGCGTTCAAGGTATCGAACTCATGGATGGACTCCCCAATGTGCAGGCACATCTATCGAACATTCAAAGTC
CTAGGCCGGATGCGTACGATCGTGACGCCACCGTATCGTGCCTATTAGGCCAACCTGCATCATGCACCCTAGGGACTAGT
AACCGTTCCAGGCTCCGAGCTGCATTCTCAAATCACAAATTCTGAGACCATAGGTGTCATTAGATTAAAGACATACGTTCAAGT
GAGGTTCTAATTGACATTACGGATAACCCACACCAGGAATGGTACTAGATACTCTGTAATCTAGATTCTACCTAACGTAACCTGT
ATAACTGGGCTCAGTACTGGGCTGGCGTAGCGAGCTTTAAACTCACCGAGGGAATAGCGTATGGCTCCCTATAGAGTTCTC
ATATTCAAGTCGTTCTAGGTAGATATACATCTGCAGCAAATGCACTGCATGTACCGATTAGATTGTCGGATCGCAGCTCTAAGTT
AGCAGCCCATTAGCTAAAGGTCGCACGACGATGCTACTCGAACATGATCGTATGACTCAATTGGAGAATACTGGCGTACCG
CCTCTACGAGTAGCCTGACAAGTCAACGACCGATGACAGAGGTGTACACCAACAGATCCACAAAATACACATTAGCCGCCCCGAC
CAACCGAAACGATTGGGGACGATCCAAACGCGGACAAAAACCAACCCGCCATTACCCAAGGCAAAGCTGCCCAATACAAA
CTAACCCATACGGACCTACGTCCCCGAAAGCAATGCCGGATCAAGGCGAGGCACAAAGAGAGTAGAACGTAATACCGTCCACAGC
AAGTCGGATATGCCAACCAAAGCTGCCCATACGGCAAGCAAACCCACCTTAACATGCCACTTAATGGTCTATCTATACAGACGG
AGTCTCAAGCCGGGGATGATGTCAGTAGGTAGTTCCGTACGATATTGTCGGCTCGCACGACAGCCGTCTCATGGATCTGGCGATG
TGGCTGAGAGCACCTGTACGTCCTCATTGATTACCGCGGCCAGCAGCTCCGAAAGCGAACAGACTCACAAATTAAAGCCAT
CAATGAAAATGTTATGCAGACCATCGGAATTGCTTGAAGAAATGCCACGCCGCTTCCCGCTTACCGCTCCAGAGTTGT
ACCCACAGACCGTATCTGACGTCTCCAGATTCTCATTGTTACGATGACACTCGAGTAGCAAGATCGTACATAATGCAATA
AAGCATACTATAGATGTTAAGATTCCCATCTTACCAAGCGAGGGGGCACGAGACCTCCGAGGATCATAAGGCAAGTCACAAGCGAGATA
ATTATACGTGGTCTGCCCTGCATGGCGACGCAGTGACGACGCGAGGGCTATCACTGCGATTGCGTAGTGCCTCTACGTTA
GGTATAAGGTGTAGCTGGTGAACCTCACTCCGCTGATAATTGAGCATAGATATTGTCGCCCCATGACTGTTGAAGCGACGTCC
CTCGAGCATTCCGTAGAGGACATTGCGAACCGTACTCGGAGCTAGAGCTAGTCCAGATGCGCAGCAACGCGGCCAAC
TTGAACATGAAAGGTACACTAGTAGATTGGGAGCGGTGCAACCGCGTAGACAAGGCAATGCGAAAAGAGACATAGTCAAGTCT
CCAAAATAGAAGGGACAATAACAGGGTAGAATCTGTGCCAATACAGAACTCTCAGGACGAACGGAGAAGGAAGGGACGAC
ACAGTGAACCGTACCGCAGGATCGCAAGAGTGGGGCGGAAGGGACCGACACGGTAAACATAGCCCAGGAACAACCAGAGCCCAGAC
GAGACAATCCTCGCCAACATCCGCTCGTAAGTCAGCATGTGAATGCGACCGCGTGGTTCTTAGGTCCGGTTGGGTGTC
GTTGTCATTAGCTGCTTGTCACTGGGACAGCATTCTCTTAACCTAGCGGGAAAACATGGATGTTCTGCGAGCCGTATCTGTC
ACTCTCGATGCGGCCCATCACATCTGACGCACCGCACGCCACTGCTGAGCTTACCTCAGGGATGCGCCTGCCCTTATT
ACAAGCCCTGTCTTACCTACGTCTAGCAGGGCGCTCCATAAGTCCAAATCTACCAAGGGTTACGGGACGCTCCAAGCATCGATT
GAACACCCCTGTCTCCAACCAGATAGAGTCTCGCTTACCTAATCAAGCGGGGCCCTGTAGATGGCTTGCAGAGCTAGTGA
CTAACCTAGTAAGGAGCTGTGCGTAATCGAAGAGCCATGCGAATCGCTGGGTGCGAGACACTAGCGGAGCTGGTACACAC
CCACGTCGATACATAGTGCCTCTGCAACCGCGTTAGCTTGGACGGGTGTCCTGCAATGTGAGCTGGCTTACACACAGGAGATGA
CTGTGTTAATTGTGGCGAGCTGGACAGGCCGTACGACTCGGACACAACATCCGGATTTCGCG