Sequence\_S1

pMTH397

gcgcccaatacgcaaaccgcctctccccgcgcgttggccgattcattaatgcagctggcacgacaggtttcccgactggaaagcgggcagtgagcgcaacgcaattaatgtgagttagctcactcattaggcaccccaggctttacactttatgcttccggctcgtatgttgtgtggaattgtgagcggataacaatttcacacaggaaacagctatgaccatgattacgaattgaagactcgagttgtaccctccatcgcctcttccaatctcaagcaattccataacttggaaaacctcaggcaaggacttcctggaatatgtccactgtaacgaccaggttttccagtgtgttatctacaccctgtaacgctgttaggtacataatgtttcagcaatctttgttcttcaccagcactctgagtacatgaaaaaggccaagatgcttcttcagggatgaattttgctactttttaaaggagacttaagaggcacttttggcactctaagtctttcttcaaatgatgaagtttgttacctatttaactcattgctgtgacgcgttttccaattctatgttcccttggtttttgttgtatttttttctgcatgaactctacatcatttactcactctgaacgacagaataaaagaaattggccaccatatcatactcggaaggacaatcatggccatgagacacaaaggactcccagccctgggcccaggcccccctcacgcatgcagccatcgcggcactgtgcctgagtgggccatatacatggtggggacccgatgctgggagacacagctcagggcacaggggccccaagaagccatagctggggaaagctcattcccgacagggctcagctccaacctgaaactagagtcccaccctggggtttccatggtggtggtaaaccaaccacagattttggggatatgactgctccctttgccacgatagcttctcccacgtgcccctggcctgatgaccagaccactagagacgggaggcccgagtcccagggatgggtgggttgcaggcagagctggggctggatggacggtgagtggtgagagctcaaggtgcagaaggggctcctgtcggggactgggttaacagggaccgggacaaatagacggggacttccgagatgagaaagaccttttcgtacaaagtgtttgcatcagtacctcacaatgaaaagaataagataaataacagtacaaaaaagcaatcaccagatcagctcaaggcatcgagcggccgctatctcgagcgcgccaagggagagcccccccccaaagcccccagggatgtaattgcatccctcttccgctagggggcagcagcgagccgcccggggctccgctccggtccggcgctccccccgcatccccgagccggagccggcagcgtgcggggacagcccggcacggggaaggtggcacgcgatcgctttcctctgaacgcttctcgctgctctttgagcctgcagacacctggggggatacggggaaaaagctttaggctgaaagagagatttagaatgacagaatcatagaatggcctgggttgcaaaggagcacagtgctcacccagctccaaccccctgctatgtgcagggtcgccaaccagcagcccaggctgcccagagccacatccagcctggccttgaatgcgcgcgccaagggagagcccccccccaaagcccccagggatgtaattgcatccctcttccgctagggggcagcagcgagccgcccggggctccgctccggtccggcgctccccccgcatccccgagccggagccggcagcgtgcggggacagcccggcacggggaaggtggcacgcgatcgctttcctctgaacgcttctcgctgctctttgagcctgcagacacctggggggatacggggaaaaagctttaggctgaaagagagatttagaatgacagaatcatagaatggcctgggttgcaaaggagcacagtgctcacccagctccaaccccctgctatgtgcagggtcgccaaccagcagcccaggctgcccagagccacatccagcctggccttgaatgcgctcgagtaagatacattgatgagtttggacaaaccacaactagaatgcagtgaaaaaaatgctttatttgtgaaatttgtgatgctattgctttatttgtaaccattataagctgcaataaacaagttaagagctcgctgatcagctaggttatttcttcttcttagcctgtccagccttctttgtggcggcaggtcgcttggtacccttatacagctcatccattccaagcgtgattcctgctgctgtgacaaactcaaggagcaccatgtggtcacgtttctcattggggtctttggacagtttggactgatagctcaggtagtgattatcgggcaacagcacaggcccatctcctataggggtattctgctggtagtgatccgccagttgaacagatccatcctcaatgttgtggcgaatcttgaagttcaccttgatcccgttcttctgcttatcggccatgatgtacacgttatggctattgtagttgtattcgagtttatgccccagtatgttgccatcttccttgaagtcgatccctttcagttcgatccgattgaccagtgtgtctccctcaaacttcacctcagctcgtgtcttgtagttgccgtcgtccttgaagaaaatcgtcctctcttgcacataaccttccggcatagcactcttgaagaagtcatgctgcttcatatggtctgggtatctggcaaagcacatcagaccatacccaaaggtagtgaccaaagttggccaaggaactggaagtttgcctgcaaggaaaagaagaagaagtagagttagtgcactaaacaagattcaactaaaacattaaaacaaaaacaatcctttcaacataaccactgatgtcttgttgatagctagcgggcagagcgcacatcgcccacagtccccgagaagttggggggaggggtcggcaattgatccggtgcctagagaaggtggcgcggggtaaactgggaaagtgatgtcgtgtactggctccgcctttttcccgagggtgggggagaaccgtatataagtgcagtagtcgccgtgaacgttctttttcgcaacgggtttgccgccagaacacaggaccggttctagagcgctgccaccatggtgtctaaaggtgaagagttgtttaccggcgtagtccccattctcgtagaactggacggtgacgtgaatggccacaaatttagcgtttcaggcgaaggagagggcgatgccacctatggcaaactcactctgaagttcatctgtaccacaggtaagtaatttgagaaaagcgatttggaattcactccagatcgaatgcacttcacgacactccgtcgaacgcattacatggatcgatacacgaagcatcactagtggagtgaacgttggcactacttcacaggagtactccgtagccttatccatgtatgacactcctgtaatacgttattctaccacggcagtcgttcggttgatatcggagtgcttgagcacatacgcgaattggagtatcccttacgcgagatcgttccggtcactccaacgccggacacgttcgctacggatccattaccctgttatccctatagtggaatcttgtttagtgcactgactctacctcttcttcttcttcttgcaggggcaacaaacttctctctgctgaaacaagccggagatgtcgaagagaatcctggaccgatgattgaacaagatggattgcacgcaggttctccggccgcttgggtggagaggctattcggctatgactgggcacaacagacaatcggctgctctgatgccgccgtgttccggctgtcagcgcaggggcgcccggttctttttgtcaagaccgacctgtccggtgccctgaatgaactgcaggacgaggcagcgcggctatcgtggctggccacgacgggcgttccttgcgcagctgtgctcgacgttgtcactgaagcgggaagggactggctgctattgggcgaagtgccggggcaggatctcctgtcatctcaccttgctcctgccgagaaagtatccatcatggctgatgcaatgcggcggctgcatacgcttgatccggctacctgcccattcgaccaccaagcgaaacatcgcatcgagcgagcacgtactcggatggaagccggtcttgtcgatcaggatgatctggacgaagagcatcaggggctcgcgccagccgaactgttcgccaggctcaaggcgcgcatgcccgacggcgaggatctcgtcgtgacccatggcgatgcctgcttgccgaatatcatggtggaaaatggccgcttttctggattcatcgactgtggccggctgggtgtggcggaccgctatcaggacatagcgttggctacccgtgatattgctgaagagcttggcggcgaatgggctgaccgcttcctcgtgctttacggtatcgccgctcccgattcgcagcgcatcgccttctatcgccttcttgacgagttcttctgaaagctttaactgcagtaatgtaaaggctaactgaaacacggaaggagacaataccggaaggaacccgcgctatgacggcaataaaaagacagaataaaacgcacggtgttgggtcgtttgttcgtcgagcgcattcaaggccaggctggatgtggctctgggcagcctgggctgctggttggcgaccctgcacatagcagggggttggagctgggtgagcactgtgctcctttgcaacccaggccattctatgattctgtcattctaaatctctctttcagcctaaagctttttccccgtatccccccaggtgtctgcaggctcaaagagcagcgagaagcgttcagaggaaagcgatcgcgtgccaccttccccgtgccgggctgtccccgcacgctgccggctccggctcggggatgcggggggagcgccggaccggagcggagccccgggcggctcgctgctgccccctagcggaagagggatgcaattacatccctgggggctttgggggggggctctcccttggcgcgcgcattcaaggccaggctggatgtggctctgggcagcctgggctgctggttggcgaccctgcacatagcagggggttggagctgggtgagcactgtgctcctttgcaacccaggccattctatgattctgtcattctaaatctctctttcagcctaaagctttttccccgtatccccccaggtgtctgcaggctcaaagagcagcgagaagcgttcagaggaaagcgatcgcgtgccaccttccccgtgccgggctgtccccgcacgctgccggctccggctcggggatgcggggggagcgccggaccggagcggagccccgggcggctcgctgctgccccctagcggaagagggatgcaattacatccctgggggctttgggggggggctctcccttggcgcgctcgacatagcggccgcagcttggcactggccgtcgttttacaacgtcgtgactgggaaaaccctggcgttacccaacttaatcgccttgcagcacatccccctttcgccagctggcgtaatagcgaagaggcccgcaccgatcgcccttcccaacagttgcgcagcctgaatggcgaatggcgcctgatgcggtattttctccttacgcatctgtgcggtatttcacaccgcatgtagggaagttggaagacatatctgtgtggcccatagagagtagatcccaaagacagaaggcccaggtccctaaatccccacaggggaactgtgttacagaccaggagctcatgtacagggctgtcccagggcccctaaattccagaagggaactgggttagagaccaggggctgatgtaacgggctgtccctggtcccctaaatccccacaggggaactgggttagagatgaggagctcattttccgggctgtccaggtcccctaaatcccagatgggaactgggttatcgaccaggtgctcctctaggggttgtctcagggtcctagtgtgtctggaattggtgggttcttggtctcactgacttcaagaatgaagacgcggaacctcgcggtgagtgttacagttcttaaaggtggcatgtccggagtttgtttcttctgatgttcagatgtgttctgagtttcttctttctggtggggttgtggtctcactggctcaggagtgaagctgcagacctttgcggtgagtgtcacagctcagaaaggcagtgtggacccaaagagtgagcagtagcaagatttattgcaaagagtgaaagaacgaagcttccacagtatggaaagggaccccattgggttgccactgctggctcaggcagtctgcttttattctctaatctgctccctcccacatcctgctgataggtccactttcagaggggtgcactctcagtacaatctgctctgatgccgcatagttaagccagccccgacacccgccaacacccgctgacgcgccctgacgggcttgtctgctcccggcatccgcttacagacaagctgtgaccgtctccgggagctgcatgtgtcagaggttttcaccgtcatcaccgaaacgcgcgagacgaaagggcctcgtgatacgcctatttttataggttaatgtcatgataataatggtttcttagacgtcaggtggcacttttcggggaaatgtgcgcggaacccctatttgtttatttttctaaatacattcaaatatgtatccgctcatgagacaataaccctgataaatgcttcaataatattgaaaaaggaagagtatgagtattcaacatttccgtgtcgcccttattcccttttttgcggcattttgccttcctgtttttgctcacccagaaacgctggtgaaagtaaaagatgctgaagatcagttgggtgcacgagtgggttacatcgaactggatctcaacagcggtaagatccttgagagttttcgccccgaagaacgttttccaatgatgagcacttttaaagttctgctatgtggcgcggtattatcccgtattgacgccgggcaagagcaactcggtcgccgcatacactattctcagaatgacttggttgagtactcaccagtcacagaaaagcatcttacggatggcatgacagtaagagaattatgcagtgctgccataaccatgagtgataacactgcggccaacttacttctgacaacgatcggaggaccgaaggagctaaccgcttttttgcacaacatgggggatcatgtaactcgccttgatcgttgggaaccggagctgaatgaagccataccaaacgacgagcgtgacaccacgatgcctgtagcaatggcaacaacgttgcgcaaactattaactggcgaactacttactctagcttcccggcaacaattaatagactggatggaggcggataaagttgcaggaccacttctgcgctcggcccttccggctggctggtttattgctgataaatctggagccggtgagcgtgggtctcgcggtatcattgcagcactggggccagatggtaagccctcccgtatcgtagttatctacacgacggggagtcaggcaactatggatgaacgaaatagacagatcgctgagataggtgcctcactgattaagcattggtaactgtcagaccaagtttactcatatatactttagattgatttaaaacttcatttttaatttaaaaggatctaggtgaagatcctttttgataatctcatgaccaaaatcccttaacgtgagttttcgttccactgagcgtcagaccccgtagaaaagatcaaaggatcttcttgagatcctttttttctgcgcgtaatctgctgcttgcaaacaaaaaaaccaccgctaccagcggtggtttgtttgccggatcaagagctaccaactctttttccgaaggtaactggcttcagcagagcgcagataccaaatactgtccttctagtgtagccgtagttaggccaccacttcaagaactctgtagcaccgcctacatacctcgctctgctaatcctgttaccagtggctgctgccagtggcgataagtcgtgtcttaccgggttggactcaagacgatagttaccggataaggcgcagcggtcgggctgaacggggggttcgtgcacacagcccagcttggagcgaacgacctacaccgaactgagatacctacagcgtgagctatgagaaagcgccacgcttcccgaagggagaaaggcggacaggtatccggtaagcggcagggtcggaacaggagagcgcacgagggagcttccagggggaaacgcctggtatctttatagtcctgtcgggtttcgccacctctgacttgagcgtcgatttttgtgatgctcgtcaggggggcggagcctatggaaaaacgccagcaacgcggcctttttacggttcctggccttttgctggccttttgctcacatgttctttcctgcgttatcccctgattctgtggataaccgtattaccgcctttgagtgagctgataccgctcgccgcagccgaacgaccgagcgcagcgagtcagtgagcgaggaagcggaaga