**Sequences of 10 reference genes and two target genes described in this study**

# >c73334.graph\_c0, MG516523

GGCTAAATCTCAGCAGATCGTAGTACAAGACTACTCTCATGCTTACAACACCCCGTTCTGTATTTAAGTCGTCTACAAAGGATTTATCTTTCCCAATATTTGAAATTACAATTCAGCATACTCTCCACTACCAACACTTGTCAGGCAATGTGAGTGCGTCGCAATTTTATGATGTTGGATGCCCAAAGGACATCTATCGCTATTCGCGGTACATCAGGAAAGGTGATTATCGTCTATTCCAGCATGGATTCTAACTTAGAGGCGTTCAGCTATAATCCTACAGATGGTAGCTTGGCAGCACTAGCTTTTCAGCTAACTGCAGTTACCAATTATCTGAACCAACGGTTCCTCTCGTACTGGGTTGGATTACTGTTTAGACAACGAACTCATCAGTAGGGTAAAACTAACCTGTCTCACGACGGTCTAAACCCAGCTCACGTTCCCTATTGGTGGGTGAACAATCCAACACTTGGTGAATTCTGCTTCACAATGATAGGAAGAGCCGACATCGAAGGATCAAAAAGCAACGTCGCTATGAACGCTTGGCTGCCACAAGCCAGTTATCCCTGTGGTAACTTTTCTGACACCTCTAGCTTCAAATTCCGAAGGTCTAAAGGATCGATAGGCCACGCTTTCACGGTTCGTATTCGTACTGAAAATCAGAATCAAACGAGCTTTTACCCTTTTGTTCCACACGAGATTTCTGTTCTCGTTGAGCTCATCTTAGGACACCTGCGTTATCTTTTAACAGATGTGCCGCCCCAGCCAAACTCCCCACCTGACAATGTCTTCCGCCCGGATCGACCTGCCGAAGCAAGCCTTGGGTCCAAAAAGAGGGGCATTGCCCCGCTTCCGATTCACGGAATAAGTAAAATAACGTTAAAAGTAGTGGTATTTCACTTGCGCCCGAGGGCTCCCACTTATCCTACACCTCTCAAGTCATTTCACAAAGTCGGACTAGAGTCAAGCTCAACAGGGTCTTCTTTCCCCGCTGATTCTGCCAAGCCCGTTCCCTTGGCTGTGGTTTCGCTGGATAGTAGACAGGGACAGTGGGAATCTCGTTAATCCATTCATGCGCGTCACTAATTAGATGACGAGGCATTTGGCTACCTTAAGAGAGTCATAGTTACTCCCGCCGTTTACCCGCGCTTGGTTGAATTTCTTCACTTTGACATTCAGAGCACTGGGCAGAAATCACATTGCGTGAGCATCCGCAGGGACCATCGCAATGCTTTGTTTTAATTAAACAGTCGGATTCCCCTTGTCCGTACCAGTTCTGAGTTGGCTGTTCGACGCCCGGGGAAGGCCCCCGAAGAGGCCGTTCCCAGTCCGTCCCCCAGCCGGCACGCAGCGACCCGCTCTCGCCGCGGTAGCAGCTCGAGCAGTCCGCCGACAGCCGACGGGTTCGGGACTGGGACCCCCGTGCCCAGCCCTCAGAGCCAATCCTTTTCCCGAAGTTACGGATCCATTTTGCCGACTTCCCTTGCCTACATTGTTCCATCGACCAGAGGCTGTTCACCTTGGAGACCTGATGCGGTTATGAGTACGACCGGGCGCGAACGACACTCGGTCCTCCGGATTTTCAAGGGCCGCCGGGGGCGCACCGGACGTCGCGAGACGTGCGACGCTCTTCCGGCCGCTGGACCCTACCTCCGGCTGAGCCGATTCCAGGGTGGGCAGGCCGTTAAACAGAAAAGATAACTCTTCCCGGGGCCCCCGCCGACGTCTCCGGACTCCCTAACGTTGCCGTCAGCCGCCGCGTCCCGGTTCGGGAATTTTAACCCGATTCCCTTTCGAAGCTCGCGCCAAAGCGCTATCGGACGGGCTTCCCCCGTCTCTTAGGATCGACTAACCCATGTGCAAGTGCCGTTCACATGGAACCTTTCCCCTCTTCGGCCTTCAAAGTTCTCATTTGAATATTTGCTACTACCACCAAGATCTGCACCGACGGCCGCTCCGCCCGAGCTCGCGCCCTGGGTTTTACAGCGACCGCCGCGCCCTCCTACTCATCGGGGCCTGGATCTTGCCCCGACGGCCGGGTGTGGGTCGCGCGCTTCAGCGCCATCCATTTTCGGGGCTAGTTGATTCGGCAGGTGAGTTGTTACACACTCCTTAGCGGATTTCGACTTCCATGACCACCGTCCTGCTGTCTTAATCGACCAACACCCTTTGTGGGATCTAGGTTAGCGCGCAGTTGGGCACCGTAACCCGGCTTCCGGTTCATCCCGCATCGCCAGTTCTGCTTACCAAAAATGGCCCACTTAGAGCTCTCGATTCCGTGGCACGGCTCAACAAAGCAGCCATGCCGTCCTACCTATTTAAAGTTTGAGAATAGGTCGAGGGCGTTGCGCCCCCGATGCCTCTAATCATTGGCTTTACCCGATAGAACTCGCACGAGCTCCAGCTATCCTGAGGGAAACTTCGGAGGGAACCAGCTACTAGACGGTTCGATTAGTCTTTCGCCCCTATACCCAAGTCAGACGAACGATTTGCACGTCAGTATCGCTGCGGGCCTCCACCAGAGTTTCCTCTGGCTTCGCCCCGCTCAGGCATAGTTCACCATCTTTCGGGTCCCGACAGGCATGCTCTCACTCGAACCCTTCTCAGAAGATCAAGGTCGGTCGGCGGTGCACCCAAAGGGATCCCACCAATCAGCTTCCTTGCGCCTTACGGGTTTTCTTGCCCGTTGACTTGCACGCATGTCAGACTCCTTGGTCCGTGTTTCAAGACGGGTCGAATGGGGAGCCCGCAGGCCGACGCCAGGAGCACGCAGATGCCAAGGCACGCCAAGAGGCGCGTGCTGTAACCCACAATCATGGCGACGTCATCTCCATGCGCAAAACAAAAGCACAGGCTTAGGACGCCACCACAATCCGCATCGGTCCACATCCCGAGACGATCGACGGACCGGTTTTCACCGTTCCGCATCCGACCGGGATGCATCGCCAGCCCCCATCCGCTTCCCTCCCGACAATTTCAAGCACTCTTTGACTCTCTTTTCAAAGTCCTTTTCATCTTTCCCTCGCGGTACTTGTTCGCTATCGGTCTCTCGCCCGTATTTAGCCTTGGACGGAATTTACCGCCCGATTAGGGCTGCATTCCCAAACAACCCGACTCGTAGACAGCGCCTCGTGATGCGACAGGGTCCGGGCACGACGGGGCTCTCACCCTCTCTGGCGCCCCTTTCCAGGGGACTTGGGCCCGGTCCGTCGCTGAGGACGCTTCTCCAGACTACAATTCGAACGCCGAGGGCGCCCGATTTTCAAGCTGGGCTATTCCCGGTTCGCTCGCCGTTACTAGGGGAATCCTGGTAAGTTTCTTTTCCTCCGCTTATTGATATGCTTAAACTCAGCGGGTATTCCCGCCTGACCTGGGGTCGCGATGTGCATTATCTTTGAATGAAGGAATTCAAAGTACAAAGACAACCAACTCTAATGACATGCTGCACACGATGACTTAACGAGGGCAAGTCTAAACAAACCACCGCTCATCATGGCATACACCACATTAGGGTTACTATATTTAGGCCAACCGCGCTACCATGAGGACGGGAGAGCCATGATCAGCCTCAAACCAACATAGGTGGTAGGGGCTACGATGCGTGACACCCAGGCAGACGTGCCCTCGGCCCGAAGGCTTAGGGCGCAACTTGCGTTCAAAGACTCGATGGTTCACGGGATTCTGCAATTCACACCAAGTATCGCATTTCGCTACGTTCTTCATCGATGCGAGAGCCGAGATATCCGTTGCCGAGAGTCGTTCTTTATAATATACATATCACGCATGACCCCACACAATCTTGTGATGGCATGGGGCAAACGTTTCACTTATCACAATTCCTTGGCGCAATCCGCGCCGGGGTTGGTTATCTTGGCCACATGGGCCAGTTAAGAGGAAATGGAGCCAATGACACCATGACCCCTCAACACATTTGCTAACATGTTCACGAGTTGTTCTGCTAAGCAGGATTCGACAATGATCCTTCCGCAGGTTCACCTACGGAAACCTTGTTACGACTTCTCCTTCCTCTAAATGATAAGGTTCAGTGGACTTCTCGCGACGTCGCGGGCAGCGGACCGCCCTCGTCGCCGCGATCCGAACACTTCACCGGACCATTCAATCGGTAGGAGCGACGGGCGGTGTGTACAAAGGGCAGGGACGTAGTCAACGCGAGCTGATGACTCGCGCTTACTAGGAATTCCTCGTTGAAGACCAACAATTGCAATGATCTATCCCCATCACGATGAAATTTCAAAGGTTACCCGGGCCTGTCGGCCAAGGCTATAAACTCGTTGAATACATCAGTGTAGCGCGCGTGCGGCCCAGAACATCTAAGGGCATCACAGACCTGTTATTGCCTCAAACTTCCGTGGCCTAAGCGGCCATAGTCCCTCTAAGAAGCTAGCCACGAAGTATACTCCGTGTAGCTAGTTAGCAGGCTGAGGTCTCGTTCGTTAACGGAATTAACCAGACAAATCGCTCCACCAACTAAGAACGGCCATGCACCACCACCCATAGAATCAAGAAAGAGCTCTCAGTCTGTCAATCCTTACTATGTCTGGACCTGGTAAGTTTCCCCGTGTTGAGTCAAATTAAGCCGCAGGCTCCACTCCTGGTGGTGCCCTTCCGTCAATTCCTTTAAGTTTCAGCCTTGCGACCATACTCCCCCCGGAACCCAAAAACTTTGATTTCTCATAAGGTGCCGGCGGAGTCCTTAAAGCAACATCCGCCGATCCCTGGTCGGCATCGTTTATGGTTGAGACTAGGACGGTATCTGATCGTCTTCGAGCCCCCAACTTTCGTTCTTGATTAATGAAAACATCCTTGGCAAATGCTTTCGCAGTTGTTCGTCTTTCATAAATCCAAGAATTTCACCTCTGACTATGAAATACGAATGCCCCCGACTGTCCCTGTTAATCATTACTCCGATCCCGAAGGCCAACACAATAGGATCGGAATCCTATGATGTTATCCCATGCTAATGTATCCAGAGCGTAGGCTTGCTTTGAGCACTCTAATTTCTTCAAAGTAACAGCGCCGGAGGCACGACCCGGCCAGTTAAGGCCAGGAGCGCATCGCCGGCAAGAGGGACGAGGCAACCGATGCTCACTAAAAGCGGACCGATCGACCCACCCCAAGGCTCAACTACGAGCTTTTTAACTGCAACAACTTAAATATACGCTATTGGAGCTGGAATTACCGCGGCTGCTGGCACCAGACTTGCCCTCCAATGGATCCTCGTTAAGGGATTTAGATTGTACTCATTCCAATTACCAGACTCTAAGAGCCCGGTATTGTTATTTATTGTCACTACCTCCCCGTGTCAGGATTGGGTAATTTGCGCGCCTGCTGCCTTCCTTGGATGTGGTAGCCGTTTCTCAGGCTCCCTCTCCGGAATCGAACCCTAATTCTCCGTCACCCGTCACCACCATGGTAGGCCTCTATCCTACCATCGAAAGTTGATAGGGCAGAAATTTGAATGATGCGTCGCCGGCACAAAGGCCATGCGATCCGTCGAGTTATCATGAATCATCAGAGCAACGAGCGTGAGCTCGCGTCGACCTTTTATCTAATAAATGCATCCCTTCCAGAAGTCGGGGTTTGGTGCACGTATTAGCTCTAGAATTACTACGGTTATCCGAGTAGCAAATACCATCAAACAAACTATAACTGATTTAATGAGCCATTCGCAGTTTCACAGTCTGAATTTGTTCATACTTACACATGCATGGCTTAATCTTTGAGACAAGCATATGACTACTGGCAGGATCAACCAGGTAGCATTCCTCATTCGATGTCAACCTTACACACATAATAAACATGCATGAGCATGAATAGTACGACGCAAGGGAGAGCATCGATCAAAAGGAGGTGTAATGCCTCGGGACAGGTTAATAAGTCGGTCAACCCACATATCAACCACAATATTTTCCACATCCTAGCTCACAATCAACATCCATGAGTGCCTAGGAGCCACCACAGAGTGGAACTCGTGGACCTCATGGAGCGATTTTTAGTTGCCCATAGACCACTTTAATGAGTCACGGGACAAATGCATTGAACGCCACAACAATATACCTTGTTATGTTAGGTACGCAGCACAGGATCTCATCATCCCCCAAGCAAAAATATTGCTAGGAGTGCAATTGAAGAGGATGCTTTGTTAGTAGTTCGGTGCACAAGCACAGAGCCTACCAACACAAACATCCTTATAACCACTCACACACCCATAGCGAAAGCATGGCAACAACCTCACAAGGGCACCAACACACCTTGACCCCAATTGGACCAAGGGATGCAAGCAAACCAAATAAGGTCATCAACATCATCGATAGGCATGAGCTAAAAGTTTTGTTAAGAAAACAACCGATGTCAACCACCCGAATCACCACAAATGGCAACGCCAGCAACAAGTACCAACGAAGTCTCCATTTGTCGGAAATACCACAACCCTCATGCGACTTCGCTAACCCGCAAATATCTCCATTTGTCGGGTCAAACCGCTATCCAGGGGAACCGAAGCTTATCCGAAAAAAGCAATGCCAGCAACAAGTACCTACAAACACTCAATTTTCGGAAGCTGGACAACAATCAGCGCGAGCCAAAAGTTGGACAGAGCTAGCGGTGGCCGGAATAGCGGTGCGTCGCTTGAGGGACGGTGGTGGGTCATTTTCCGACAAGGGACCCCGAGGCAACATCAATACTCACCCACGAGCTAGCAAGAAGGTCTCACACACATGCGGCAGCCTCAGCTACCGCATGTATGTGAGACCCCCGAGGGGGCACAAGGCTAGCATCACCCCCCTAAAGAGCATTATTGACTTTAGGAGGATTCCTGGAAGGAAACATCAAAAACTTGAGATGACACCCTATCCATAAAACGATGTAGAAATGTTATATTGATGCCATTTTTTGAGGGAAACTTGAAATAAATACAATCTAACTAGTTCCAAAATTTCAGAAATTTTTGACGACTAAATAATTTAATATTAATTTATTATGCTTTTTATCATTAAAAAATCATAAAAAATAGGAAAATGGTCATATGAGTCTCAAACTTTGCAAACCCTCATCATAAATCGTGACTCAAATTATGGAATCATTTTTGGATGAAAGGCTTGAAAAGTTGTCGACAAAGTTGAAGTCATTGCACTATGAGGTGCTCCCGGGGTGCCCTCGCAAGCCCCAATATGTGTTGTTCTACACAAAACTTGCAAGACTCCCCCAATAATCCCTACCAATCATGCATCCATTCCCTTCGCAATATCATATAGAGATGGGAGGAGCTCATGGGACTCCGAAAACTTGAGAATTCCTAAG

# >c68075.graph\_c0, MG516524

CCACGAGCCAGCCTCCCAACTCTCTAGGGTTTCTTCTCTTCCTCTACAACAAAACCGTCCACCTTCCCGGAGGTTAAAGCGACAGCGCCGCCCTGCTGTCCGCCTTGGCTGAGCTCCAGCGTCGGTCTTGGCCCTCGGTTTTGCTCTGTAGTGCAGTTAGTTCTCTCATATCTTACTTTTGTAGATTTTTTCCGTACTCGAAAATGCCGTCCAAACTATCCAAGGCCGACAAGAAGATCGCTTACGATGGGAAGCTCTGCCAGTTGCTTGACGAGTATACCCAGATCTTGATCGTGGCGGCCGACAATGTGGGCTCGAACCAGCTCCAGAACATCCGGAGGGGTCTTCGTGGCGACTCTGTTGTGCTTATGGGCAAAAACACCATGATGAAGCGCTCGGTTAGGATTCATTCTGAAAAGACTGGCAACAAGGCTTTCCTCAACTTGATCCCTCTCCTTCAGGGAAATGTGGGTTTGATTTTCACCAAGGGTGATCTGAAGGAAGTCAGCGAGGAGGTTGCTAAGTACAAGGTTGGAGCTCCTGCTCGTGTTGGGTTGGTTGCACCAATTGATGTGGTTGTCCCACCTGGAAACACTGGGCTCGATCCATCTCAGACATCTTTCTTCCAGGTGCTCAACATTCCAACCAAGATTAACAAGGGTACTGTTGAAATCATTACCCCTGTCGAGCTCATCAAGAAGGGTGACAAGGTCGGGTCTTCTGAAGCTGCGTTGCTTGCGAAGCTTGGAATTAGGCCCTTCTCATATGGTTTGGTTGTTCTGTCTGTTTATGACAATGGATCTGTGTTCAGCCCAGAGGTTCTAGACTTGACTGAGGATGACCTCCTGGAGAAGTTTGCTGGTGGTGTTTCCATGGTCACATCCTTGGCTCTTGCCATCTCATTCCCAACCCTTGCAGCTGCACCACACATGTTCATCAATGCGTACAAGAATGTCCTAGCAGTTGCCGTTGCTACTGAGTACACCTTCCCTCAAGCTGAGAAAGTTAAGGAGTTCTTGAAGGACCCAAGCAAATTCGCTGTTGCGGTGGCTGCTGCTGCTCCAGCTGCTGGTGGTGGTGATGCTCCAGCTGCAGCTTCCAAGGAGGAGGAAAAGAAAGAGGAGCCTGCTGAGGAGTCTGATGAGGATATGGGCATCGGGTTGTTCGACTAGTTGTTCGATAGCATCCGTCTCTCATACAAGTTGTGTTCTTTTCATCTGTTTCGACAGTTTGTGAACTGATTGGAAGATTTGTTCCGCTGTGTACTCTATGTTCCTTAGGACTTGATCATGTTTTGTTCCTATAGAGGATTGTGCGAGTTGCTTCCGTTGTTTGCTTTTATAGGCCCGGCCGCCGTTAATGCATACTCTATGTTCCTTAAGATGGTTAAAAAGCATTTATTTTTAATTTGTTCAAGCG

# >c71629.graph\_c0, MG516525

TCATCAAAATTCAGGGTACTAATTTGGCCATAAAACTACTCTATTCTATACGAGTACATGATCAATACAATAGAGGCAATAGCAGGCGGGGCCTAGATGCTAATTGGAGAGCCCAAAAAGCACTGGGCCGAATCGGCCCAATCAATCCTGTTTCCTTTGTCGGACGACTTTACAGATAAGGTAGTTGGCAATGGCGGAAGCAGAGGCAGACAGTTCCATATCCATCTGCGATTGCCCTCGCCTCGCCTCCATTGAAATCTAGCAAAGCAAAGCAATTACAGTACAATACAATGCTTTCTCTCACTTCAGCCTCTCTAAAACCCAAAACCCTCTTCTCTTCTCCCTCCTCCGCCTCCACTTCCAAATCACTCCTTAAACCCATCTCCGCCATCATTATCCCCTCCAGTTCCAAGCAGCCGCCGCCTCAGCAGCAGCTTTACCAGCCCTTCCGCCCACCGCCATCGCCTCTCCCCTCCAAGTTCCGCTCCCTCGATGCCATCGGCCGCATCGACGTTCTCGCCAACCGCCTCGGCCTCTGGTTTGAGTACGCTCCTCTCATCTCCTCTCTGTACCAGGAGGGATTCACCCCTCAAACCATCGAAGAAGCTACCGGAATCACCGGCGGTGAGCAGAACCGCCTGATCGTCGGCGCCCAGGTGCGCGAGTCGCTCATCCAGTCCAACACCGACCCGGACGTCATGGGCTTCTTCGACACCGGCGGCGCTGAGCTTCTGTACGAGATACGCCTTCTGAGCGCCTCGCAGCGGGCTGAGTCCGCCCGATTCATCGTGGAGAATTCCTTGGATATGAAAGGTGCTGAGGATTTGGCTCGGTCGATAAAAGATTTCCCTCGTCGCCGTGGAGACAAGGCCTGGGATCAGTTCGATTACAAATTACCAGGAGATTGTCTGGCGTTTATGTATTTCAGGCAGAGTAAAGAACATAGGAATCCTTCGGTGCAGAGGAATGCTGCTCTGCAACAGGCTTTACAAGTGGCCGGTTCAGAGAGTGCTAAAAGTGCTATTCTGGCGGAGATTGAGGGTGGAGAGGCCGAGGAGGAGGAAGAGAAAATCGATGATATTCGAGTTCCGGTGGTGAGGTTGAAGTTTGGGGAGGTGGCAACGGCGAGCAATGTGGTTGTTTTGCCAGTTTGCAGGGCTGAGGAGGTTTTGGAGGCACCATGGGATTGTAAGAGGGAGGGGGCATTCGGTGTGGTGGTGGCGGAGAAAGGGTGGCAGAGGTGGGTTGTTTTGCCGCAATGGGAGCCCTTGGCTGCTTTGGCTAAAGGCGGAGGCGTGGTTGTGTCATTTCCTGATGCAAGAGCATTGCCATGGAGGGTGAATAGGTGGTACAAGGAGGAGCCAGTTTTGGTGGTGGCCGATAGAGGAAGGCAGACTGTTGAGGTGGATGATGGGTTCTATTTGGTGGCCACCGGCCATGGTGCTGATCTCAAGGTGAGGCGGGGCTCGGAGTTGAAGGTGGAAGGAGTGGAGGAGAGTTTAGGAACCGTGATTGTGGTTGTGAGGCCACCCAAGTACGAGACTGATGATCAGTTAAGTGATGAAGATTGGGAATGAAGAAAATAGCTGCAATGGGAGCAACTTGAGTAATTTTTTTGACTCCACTTTAGACTCTTAGTCTTCAAAATTAGTCATTATGGAAGATCTTCTTGTGGACAAGTTTGTATTGCCTGCAGAAGCAGCTCAATTTTTGTTTCACATGTACCAGTAATACACTCAACCTATTCATCTTACACAAGTTCATCTTTGCAACATTATAATACAAGCCATTTGAATGATAAATGATAATGCCACAATTAACTTGATACATAGTTTGAGGCAACCTAGCAGTTGTGCAGCAGGAAACAGATGAACTGTAAGAGACTAGAAGGAGACGGTCACTACCTGTGTGTGATTCCTTCTTCGCAACTATCAATTCTCTGATAACTGTCCACAGTCTTCTATAACGACTGTCTGCGAAGGTGTACCATGTTCAGAACCTACCTTTTCCATCTGCTGAACAACATTGTAACCATCCACAACCTTACCAAACACCACATGCTTCAAATCAAGCCACTTTGTCTGCGCTGTGCATATGAAGAACTGAGACCCGTTTGTATCTGGTCCAGCATTTGCCATTGACAGACACCCAGGGCCACTGTGCTTCAGCTTGAAGTTCTCATCTGCAAACTTCTCACCATAAATGGATTCTCCTCCAGTACCATTCCCTTTTGTGAAGTCACCACCTTGGCACATGAAACCCGGGATGATACGGTGAAATGCCGAGCCTTTGTAATGCAATGGTTTCCCCGCCCTTCCAATTCCTTTCTCACCAGTGCACAGGGCACGGAAGTTTTCAGCAGTCTTTGGCACTGCATCAGCAAACAACTCCATTACAACTCTACCAGCTTTTGCTCTCCCAATTGCTATGTCAAAGAAAACTTTTGGATTGGCCATTCTTCTTCAACGTGTTCTCCAAAAAACTCAAGTCGACGAGGCAAAGACCACAGAGTTCGATAACCAACCTAAGGGTATTAG

# >c67520.graph\_c0, MG516527

TGAGTATATTATATTGGTCTCCTCCACCTCCTCCTCCTACTCCTCCGCTGCTTGCCATCTCCCAAAAGCCTAGCCTTCTTCTCGTCTCTTCTCTAGGGTTTTTGCGACCGAGGCCCTCTCCTCCCTCCCATGGCTTCTTCTTCTTCGTCTTCAGCTCATGCCATTAGATCCGTCGCCTGTTTCCGTTCGGACCTATCGCCGCCGTCCTTCAAGGCGTCGTCGAGCCTTGGTTTCAGCCGTAATGTCAACTTCTCCAAGACTCCCTCAACTTCGCTCTCTTCACCTTTCCAGCAATGCAGTTTCAGAAGTTTTCAACCCATCAGAGCCACAGCTACAGAAGTGCCACCAACAATTCAGAAACCACAAACAAGCGGGAAGACAAGAATCGGAATCAATGGTTTCGGCCGCATTGGAAGGCTGGTTTTACGTGTTGCAACATCAAGGGATGATATTGATGTCGTGGCAGTCAATGATCCTTTCATTGATGCCAAGTACATGGCTTACATGTTTAAGTATGATTCAACGCATGGAGTCTTCAATGGGACTCTCAGGGTTCTGGATGAATCCACCTTGGAAATCAACGGGAAGCAAATTAAAGTTGTGAGCAAAAGAGACCCAGCAGAGATTCCATGGGGTGATTTAGGAGCCGAGTTTGTGGTCGAATCATCTGGTGTTTTCACAACATTGGATAAGGCCTCAGCACATATCAAGGGTGGTGCAAAGAAGGTTGTTATTTCAGCTCCTTCTGCTGATGCACCGATGTTTGTGGTAGGAGTAAATGAGCAGTCTTATAAACCAAATATGGACATCGTTTCTAATGCAAGCTGCACTACAAATTGTCTTGCTCCTCTAGCCAAGGTGGTTCATGAGGAATTTGGCATTATTGAGGGGTTGATGACAACTGTGCATGCAACTACAGCCACACAGAAGACTGTTGATGGTCCTTCAATGAAAGATTGGCGAGGTGGGCGTGGAGCTGGACAAAATATAATCCCTAGCTCTACTGGTGCTGCAAAGGCTGTTGGCAAAGTCCTTCCTGAACTTAATGGAAAGCTTACTGGAATGGCATTTCGAGTACCCACACCTAACGTTTCTGTTGTTGATTTAACTTGTCGACTTGAGAAGAGTGCATCTTATGAAGATGTCAAAGCTGCAATCAAGTATGCTGCAGAGGGGCCACTTATGGGCATTCTTGGGTATACGGATGAGGATGTTGTCTCTAATGACTTTGTTGGGGACTCGAGGTTAAAAATTTCTCTCCCTTGCCTCTTTGGCATGCACATTCTTAAACATGCACGTTTCTTAATTGAGATGAACTGTAATATCTGGTGCTCACAGCTTGTGTGAATGTTGTCAACCCACCTTGCAAGGATCAAGGTTGAGGGCTTTGACCTATCATGAGCCTGCCATCCCCTTCTTTTTAATATGAGGGAGTGCGAGGATTTATCTTTTCTTTTTAATATGCTCTGATTGAGTGCCATACTCGCCATGAAATGGTGGATATGCTGTTTGCAATTTAGAAATTTTCTTGGACAAAACCAAGAGAACCTTAGGCTAAGATGTTTGAGAGAAAGATGTCAGATGATAATTTGTTTCCAGAGTTTAGTCGGTGTGATTTGATCTGACACTTTCTTGTCTCATCAGGTCAAGCATATTTGATGCGAAGGCTGGAATTGGGTTGAATAACTCCCTCATGAAACTCGTGTCCTGGTATGACAATGAATGGGGC

# >c74212.graph\_c0, MG516528

ATTAAATACCTTCCACTTGCACTCTTCTTCTTCCCAAAAAGCTGCTCTCATCTTTCTATCCAAACCTTGCTGCTGCTCGTTATCATTGCCAATCGCCATGGCTTCGCAGAAGAAGATCAAGATCGGAATCAATGGTTTCGGAAGAATCGGTCGCTTGGTTGCCAGAGTTGCTCTGCAGAGGGACGATGTTGAGCTCGTCGCTGTCAACGATCCCTTCATCACCACTGATTACATGACCTACATGTTCAAGTACGACAGCGTCCACGGCCAGTGGAAGCACCACGAATTGAAGGTCAAGGACTCTAAGACTCTTCTCTTTGGTGAGAAGCCGGTCGCCGTTTTCGGATTCCGCAACCCAGAAGAGATTCCTTGGGGTGAGACAGGTGCTGATTTCGTTGTTGAATCTACTGGAGTTTTCACTGACAAGGATAAGGCAGCTGCTCACTTGAAGGGTGGTGCTAAGAAGGTTGTCATCTCAGCACCCAGCAAGGATGCTCCCATGTTTGTTGTGGGTGTCAATGAGAAGGAATACAAGCCTGAATTGGACATTGTTTCCAATGCTAGCTGCACCACCAACTGTCTTGCTCCATTGGCCAAGGTTATTAATGATAAGTTTGGAATTGTCGAGGGTCTCATGACCACTGTCCACTCAATCACTGCCACACAGAAGACAGTAGATGGACCTTCAGCAAAGGATTGGAGAGGTGGTAGAGCTGCTTCCTTCAACATCATCCCTAGCAGCACTGGCGCTGCCAAGGCTGTTGGAAAAGTTCTGCCTTCTTTGAATGGCAAGTTGACTGGAATGTCTTTCCGTGTTCCGACTGTGGATGTCTCAGTTGTTGACCTCACTGTCAGGCTTGAGAAGGCAGCATCTTATGATGACATTAAAGCTGCCATCAAGGAAGCATCCGAAGGCGATCTCAAGGGAATTATGGGTTACACCGATGAGGATGTTGTGTCTACCGACTTTGTTGGGGATAGCAGGTCAAGCATCTTCGATGCCAAGGCTGGCATTGCTCTAAGTCCCAACTTTGTGAAACTGGTCTCCTGGTATGACAATGAATGGGGTTACAGTTCTCGTGTGATCGACTTGATTGTCCACATGGCCTCTTGCTAGTCTGCATCATGCTATAAGCGTTGCCTGGGTTGGTTTCAAGGATTTCATGCTGGTTTAGTGTTTGAGGCTTAGACATGGTTACAGTACCAGAGTTACTGGATTGAAAATAAAAGCTTGTGGATTGCTTGTTTTGCAAGTTTTCTTATGTTTTCCATTTCATTTTTGGAGTAGTCAGTTCAGAGGGTTTATAGCTTTCCGAACTTTTTACCATTTTCAATTTCAGAAATAGAGATTGTGGTCATATTGCAGTTACTGTCCTTCCCAGTGTTATCAAATTGTGATTATTTTGTCACACTTCTCATTTCGGAAATCAATTTAGTTTAGTAATGCAAATCAATTTGGTTCTAGAAAATAAGAAGGAAATGTCTTCAAGACTTCAAGAAAACAACTTTCAGTGATTAATTTGGTTATAAATGGGCATATGTACGGCTGGCTATTTACAACCAAAAGCCAATCCTTCTAATTACAACCTTACCCATTTAAGAACATGAAGTACAAGCTCAAGGGTGGCTTCAAAGGGAAAGGGTCCCTTGTCCAGTACAACACCTGAACCCTGTGATTCTCAAGGGGTGACCCGGGAAAATGCAACAGAAGGACACAACGCCCCCGATCCAAGATTTTTGTTCCAATGAAATACTCCCTCTCTGTCCCAAAGTACTATCAACACATCAATAAAAAAAAAGTTTAAAATGAAATGATATTTTTATATTATTTTAGTCCACTTTTACCATTGGAAATGCAC

# >c70711.graph\_c1, MG516529

CAAAGAAGTGGGGGGTGGCGGAATGCTAGTGGGCCCTAAACTTGAGATCATGGACGGGAGGTAAGCTTGTCTTGTCCAATAAAGCAGAAAGCGGCAATTTGGACTATGATGATGATCAACCTGGTTCGAGTGGATGCAAGCAAATTGAGCCACTACTAGCTAGCTCAATGGAAGGTGGGTGGCCCAATATATACATACTCTCAATAGTCTTCGAAAGCAGCAGCCAGCTTGCTTGGTGATCTTTCACCAATATTCTTTTCGCCGGAAGGATGCATGCTGCTGGTGGTACAGAACAAAGGAGACAAGGACTCCAACTCCTGCCTTTTCTCCTACGGCGGCGGGGCTGGCCGGGCAAAAATGCAGCGTGTAAACTGCAAGATCAAGTCCTTCCATCCTAGTGAAGCCTTTTCCATGTTTTCACTTAAATGCCACCATTGATAAGACATGATATGATATTAAAAAAAAAAAAAAACACAAATCACATAAGCACATTCCATTAAAAGGAGGGTCATCAATCTCGAATATACCAAAAACTCAAAATCCTCGTCCCCAAAGAAACACAACAGTTCCTCCATTGTTAAAAAGTAATCAAAAGTGTAGCAAATGGGCTTATTCAAAGTCGCGGCTTTCCTATGGAGCCCTGAGTCCCATCATATTAGAACAAACAAACTACAATGCCAAAAATAGCCACCCATTTAAGAGAGGCATGAGTACGCCAAACTCTTCTCCTCACTCAGCTCCTCTGCAGTAGCATCCATCTTCTTCCTTGAAAATTCATCAATTGGAAGACCTTGAACAATGGTCCATTCTCCCTTTTTACATGCTACTGGAAAGGAATACATCAGTCCAGCAGGTACATTGTATGATCCATCAGAGTACACCCCCATGGAAACCCAGGTTCCCTCTGGAGTATCAAGAACCCAATCACGGATGTGATCACAAGCAGAACTAGCAGCAGATAAAGCACTTGAAAGTTTCCTAGCTTTGATAATTGCAGCACCACGTTGTTGGACAGTAGTTATGAACTCTTCGTTCAGCCATGCGTCATCTTTGACAAGCTCGCGGACAGGCTTGTCGCCAGATGGAGTTTTGACAGTTGCATGGTTGACATCAGGGTACTGAGTTGATGAATGATTCCCCCATATGATCACATTCTTTACATCAGAGACTGGAACGTTTAATCTCTCTGAAATCTGACCTAGTGCCCTGTTATGATCCAGTCTTGTCAAGCATGTGATATTCTTTGCAGGGATAGATGGTGCAAACTCCTTAAGGATCAATGCATTGGTGTTGGCAGGGTTGGCAACAACCAAAACCTTGCAATTGGGAGCAGCGTGCTGTTCCAGGGCAGCAGCCTGGGACTTGTAAATAGACACATTCTTTGACATCACATCTTTCCTCTCCATGCCTTCTTTTCTTGGGAAACCACCAACCATTACTGCAATATTGACTCCAGTGCATGCTTCAACAGCATCAGTTGTCGCAACAACGCCTTTAAGAAGAGGGAATGCAGCATCCACCAACTCCATTTTCACTCCATTCAATGCCTCAGCTGCAGGTGGAATATCGAGCATGTGCAAGATCACAGGCTGGTCAGCGCCCAGCATGATTCCCCGAGCAATCATGGGGACAAGAGCATATCCAATTTGTCCTGCGGCTCCAGTAACAAGAACGCGAACTGGATCTTTCGCCATTGATGAAGATCCGAGAACAGATCGAAGAGTTGATGAAGAACGAAGAGTGAGCTCTGGTACTACGATGCTGCGAACGATGGAGTTGTGAAGGAAATGAGACGACCAAGGCTCATTTA

# >c70757.graph\_c0, MG516526

GAGGTCTCGAGACAGAATGGGGCGAATAGATCAGCGCCGCATTGCCTGCTTCTACTGTTTTCTCTTCACATTCTGTCTCGAGACCTCGTCTCTCTTTCTTATCTCTTTTCAAGCAAACTTCAGTTTCAGGATCAGCTGTCTTTGGATCCCTCCTCCGACTGATAGGTCGTGGTATCTTTTTCTTTTGGTGATTCGCTTTCATACTTGTTCTTCAGAAACCAGTAAAGAAAGCTTTGCAACTATGGCGGTCGCATTCTACGATCTCAGCTCTGCCGCTGGTCTGAAGAAGCTTGATGACTATCTGCTTACTCGCAGCTATATCACTGGATACCAAGCTTCAAAGGATGATATCACAGTTTTTTCTGCTATTTCCAAGTCTCCTGCTGAATATGTGAATGTATCCCGGTGGTACAAGCATATCGATGCACTACTGAGGATTTCCGGTGTTACTGGGGAAGGCAGTGGTGTGATTGTTGAGGGATCTGCTCCTATCACAGGAGAGGCTGTTGCAACACCACCAGTGGAGGACTCTAAGGCTGTTGCAGCTGCTGTGGATGACGACGATGATGATGTGGATTTATTTGGTGAAGAGACTGAGGAGGAGAAAAAGGCTGCAGAAGAGCGTGCTGCAGCTGTCAAAGCTTCTTCCAAAAAGAAAGAATCTGGGAAGTCATCAGTTTTGATGGATGTGAAGCCATGGGATGATGAGACAGACATGAAGAAGCTAGAGGAAGCTGTGCGAAGTGTTCAAATGGAAGGTCTCTTCTGGGGGGCATCAAAACTTGTCCCTGTTGGATACGGTATCAAGAAATTGCAGATCATGCTAACAATAGTGGATGACTTGGTCTCGGTTGACCATCTAATTGAAGAATATCTGACAGTCGAACCGATTAATGAATATGTTCAGAGTTGCGATATTGTCGCCTTCAACAAAATATGACCTGCTGAGCTAGAGTAGCAGTGAACTCTCCCCAGTAGCTTTTTGTCGTGTCGGCATTTCATTCTCCACTGCTATGGTGTGTGATTCTGTAGTGTTGCTTATTCCGTTTTCTTTCTTTAACATTCTGCTTTTGTACGGCGTACTGAATGTTCAAATCAATAACCTTTAGAAACTCTTTATCGATTAAGTTCTTTTATGCCCTGTTTGGGAAATACCTTTTGTTTCAATTAGCTGTATTGTTTTGGATAATTTTTTAATGAGTGGAATAGCTAACAACTAAACTTAAAAATAAAAAGTTACGGTTGATAGCTTTTTCAAAAATGCATTGAAAAAACTGTTGCCAAGGC

**>c67520.graph\_c0**

TGAGTATATTATATTGGTCTCCTCCACCTCCTCCTCCTACTCCTCCGCTGCTTGCCATCTCCCAAAAGCCTAGCCTTCTTCTCGTCTCTTCTCTAGGGTTTTTGCGACCGAGGCCCTCTCCTCCCTCCCATGGCTTCTTCTTCTTCGTCTTCAGCTCATGCCATTAGATCCGTCGCCTGTTTCCGTTCGGACCTATCGCCGCCGTCCTTCAAGGCGTCGTCGAGCCTTGGTTTCAGCCGTAATGTCAACTTCTCCAAGACTCCCTCAACTTCGCTCTCTTCACCTTTCCAGCAATGCAGTTTCAGAAGTTTTCAACCCATCAGAGCCACAGCTACAGAAGTGCCACCAACAATTCAGAAACCACAAACAAGCGGGAAGACAAGAATCGGAATCAATGGTTTCGGCCGCATTGGAAGGCTGGTTTTACGTGTTGCAACATCAAGGGATGATATTGATGTCGTGGCAGTCAATGATCCTTTCATTGATGCCAAGTACATGGCTTACATGTTTAAGTATGATTCAACGCATGGAGTCTTCAATGGGACTCTCAGGGTTCTGGATGAATCCACCTTGGAAATCAACGGGAAGCAAATTAAAGTTGTGAGCAAAAGAGACCCAGCAGAGATTCCATGGGGTGATTTAGGAGCCGAGTTTGTGGTCGAATCATCTGGTGTTTTCACAACATTGGATAAGGCCTCAGCACATATCAAGGGTGGTGCAAAGAAGGTTGTTATTTCAGCTCCTTCTGCTGATGCACCGATGTTTGTGGTAGGAGTAAATGAGCAGTCTTATAAACCAAATATGGACATCGTTTCTAATGCAAGCTGCACTACAAATTGTCTTGCTCCTCTAGCCAAGGTGGTTCATGAGGAATTTGGCATTATTGAGGGGTTGATGACAACTGTGCATGCAACTACAGCCACACAGAAGACTGTTGATGGTCCTTCAATGAAAGATTGGCGAGGTGGGCGTGGAGCTGGACAAAATATAATCCCTAGCTCTACTGGTGCTGCAAAGGCTGTTGGCAAAGTCCTTCCTGAACTTAATGGAAAGCTTACTGGAATGGCATTTCGAGTACCCACACCTAACGTTTCTGTTGTTGATTTAACTTGTCGACTTGAGAAGAGTGCATCTTATGAAGATGTCAAAGCTGCAATCAAGTATGCTGCAGAGGGGCCACTTATGGGCATTCTTGGGTATACGGATGAGGATGTTGTCTCTAATGACTTTGTTGGGGACTCGAGGTTAAAAATTTCTCTCCCTTGCCTCTTTGGCATGCACATTCTTAAACATGCACGTTTCTTAATTGAGATGAACTGTAATATCTGGTGCTCACAGCTTGTGTGAATGTTGTCAACCCACCTTGCAAGGATCAAGGTTGAGGGCTTTGACCTATCATGAGCCTGCCATCCCCTTCTTTTTAATATGAGGGAGTGCGAGGATTTATCTTTTCTTTTTAATATGCTCTGATTGAGTGCCATACTCGCCATGAAATGGTGGATATGCTGTTTGCAATTTAGAAATTTTCTTGGACAAAACCAAGAGAACCTTAGGCTAAGATGTTTGAGAGAAAGATGTCAGATGATAATTTGTTTCCAGAGTTTAGTCGGTGTGATTTGATCTGACACTTTCTTGTCTCATCAGGTCAAGCATATTTGATGCGAAGGCTGGAATTGGGTTGAATAACTCCCTCATGAAACTCGTGTCCTGGTATGACAATGAATGGGGC

**>c74212.graph\_c0**

ATTAAATACCTTCCACTTGCACTCTTCTTCTTCCCAAAAAGCTGCTCTCATCTTTCTATCCAAACCTTGCTGCTGCTCGTTATCATTGCCAATCGCCATGGCTTCGCAGAAGAAGATCAAGATCGGAATCAATGGTTTCGGAAGAATCGGTCGCTTGGTTGCCAGAGTTGCTCTGCAGAGGGACGATGTTGAGCTCGTCGCTGTCAACGATCCCTTCATCACCACTGATTACATGACCTACATGTTCAAGTACGACAGCGTCCACGGCCAGTGGAAGCACCACGAATTGAAGGTCAAGGACTCTAAGACTCTTCTCTTTGGTGAGAAGCCGGTCGCCGTTTTCGGATTCCGCAACCCAGAAGAGATTCCTTGGGGTGAGACAGGTGCTGATTTCGTTGTTGAATCTACTGGAGTTTTCACTGACAAGGATAAGGCAGCTGCTCACTTGAAGGGTGGTGCTAAGAAGGTTGTCATCTCAGCACCCAGCAAGGATGCTCCCATGTTTGTTGTGGGTGTCAATGAGAAGGAATACAAGCCTGAATTGGACATTGTTTCCAATGCTAGCTGCACCACCAACTGTCTTGCTCCATTGGCCAAGGTTATTAATGATAAGTTTGGAATTGTCGAGGGTCTCATGACCACTGTCCACTCAATCACTGCCACACAGAAGACAGTAGATGGACCTTCAGCAAAGGATTGGAGAGGTGGTAGAGCTGCTTCCTTCAACATCATCCCTAGCAGCACTGGCGCTGCCAAGGCTGTTGGAAAAGTTCTGCCTTCTTTGAATGGCAAGTTGACTGGAATGTCTTTCCGTGTTCCGACTGTGGATGTCTCAGTTGTTGACCTCACTGTCAGGCTTGAGAAGGCAGCATCTTATGATGACATTAAAGCTGCCATCAAGGAAGCATCCGAAGGCGATCTCAAGGGAATTATGGGTTACACCGATGAGGATGTTGTGTCTACCGACTTTGTTGGGGATAGCAGGTCAAGCATCTTCGATGCCAAGGCTGGCATTGCTCTAAGTCCCAACTTTGTGAAACTGGTCTCCTGGTATGACAATGAATGGGGTTACAGTTCTCGTGTGATCGACTTGATTGTCCACATGGCCTCTTGCTAGTCTGCATCATGCTATAAGCGTTGCCTGGGTTGGTTTCAAGGATTTCATGCTGGTTTAGTGTTTGAGGCTTAGACATGGTTACAGTACCAGAGTTACTGGATTGAAAATAAAAGCTTGTGGATTGCTTGTTTTGCAAGTTTTCTTATGTTTTCCATTTCATTTTTGGAGTAGTCAGTTCAGAGGGTTTATAGCTTTCCGAACTTTTTACCATTTTCAATTTCAGAAATAGAGATTGTGGTCATATTGCAGTTACTGTCCTTCCCAGTGTTATCAAATTGTGATTATTTTGTCACACTTCTCATTTCGGAAATCAATTTAGTTTAGTAATGCAAATCAATTTGGTTCTAGAAAATAAGAAGGAAATGTCTTCAAGACTTCAAGAAAACAACTTTCAGTGATTAATTTGGTTATAAATGGGCATATGTACGGCTGGCTATTTACAACCAAAAGCCAATCCTTCTAATTACAACCTTACCCATTTAAGAACATGAAGTACAAGCTCAAGGGTGGCTTCAAAGGGAAAGGGTCCCTTGTCCAGTACAACACCTGAACCCTGTGATTCTCAAGGGGTGACCCGGGAAAATGCAACAGAAGGACACAACGCCCCCGATCCAAGATTTTTGTTCCAATGAAATACTCCCTCTCTGTCCCAAAGTACTATCAACACATCAATAAAAAAAAAGTTTAAAATGAAATGATATTTTTATATTATTTTAGTCCACTTTTACCATTGGAAATGCAC

# >c70711.graph\_c1, MG516529

CAAAGAAGTGGGGGGTGGCGGAATGCTAGTGGGCCCTAAACTTGAGATCATGGACGGGAGGTAAGCTTGTCTTGTCCAATAAAGCAGAAAGCGGCAATTTGGACTATGATGATGATCAACCTGGTTCGAGTGGATGCAAGCAAATTGAGCCACTACTAGCTAGCTCAATGGAAGGTGGGTGGCCCAATATATACATACTCTCAATAGTCTTCGAAAGCAGCAGCCAGCTTGCTTGGTGATCTTTCACCAATATTCTTTTCGCCGGAAGGATGCATGCTGCTGGTGGTACAGAACAAAGGAGACAAGGACTCCAACTCCTGCCTTTTCTCCTACGGCGGCGGGGCTGGCCGGGCAAAAATGCAGCGTGTAAACTGCAAGATCAAGTCCTTCCATCCTAGTGAAGCCTTTTCCATGTTTTCACTTAAATGCCACCATTGATAAGACATGATATGATATTAAAAAAAAAAAAAAACACAAATCACATAAGCACATTCCATTAAAAGGAGGGTCATCAATCTCGAATATACCAAAAACTCAAAATCCTCGTCCCCAAAGAAACACAACAGTTCCTCCATTGTTAAAAAGTAATCAAAAGTGTAGCAAATGGGCTTATTCAAAGTCGCGGCTTTCCTATGGAGCCCTGAGTCCCATCATATTAGAACAAACAAACTACAATGCCAAAAATAGCCACCCATTTAAGAGAGGCATGAGTACGCCAAACTCTTCTCCTCACTCAGCTCCTCTGCAGTAGCATCCATCTTCTTCCTTGAAAATTCATCAATTGGAAGACCTTGAACAATGGTCCATTCTCCCTTTTTACATGCTACTGGAAAGGAATACATCAGTCCAGCAGGTACATTGTATGATCCATCAGAGTACACCCCCATGGAAACCCAGGTTCCCTCTGGAGTATCAAGAACCCAATCACGGATGTGATCACAAGCAGAACTAGCAGCAGATAAAGCACTTGAAAGTTTCCTAGCTTTGATAATTGCAGCACCACGTTGTTGGACAGTAGTTATGAACTCTTCGTTCAGCCATGCGTCATCTTTGACAAGCTCGCGGACAGGCTTGTCGCCAGATGGAGTTTTGACAGTTGCATGGTTGACATCAGGGTACTGAGTTGATGAATGATTCCCCCATATGATCACATTCTTTACATCAGAGACTGGAACGTTTAATCTCTCTGAAATCTGACCTAGTGCCCTGTTATGATCCAGTCTTGTCAAGCATGTGATATTCTTTGCAGGGATAGATGGTGCAAACTCCTTAAGGATCAATGCATTGGTGTTGGCAGGGTTGGCAACAACCAAAACCTTGCAATTGGGAGCAGCGTGCTGTTCCAGGGCAGCAGCCTGGGACTTGTAAATAGACACATTCTTTGACATCACATCTTTCCTCTCCATGCCTTCTTTTCTTGGGAAACCACCAACCATTACTGCAATATTGACTCCAGTGCATGCTTCAACAGCATCAGTTGTCGCAACAACGCCTTTAAGAAGAGGGAATGCAGCATCCACCAACTCCATTTTCACTCCATTCAATGCCTCAGCTGCAGGTGGAATATCGAGCATGTGCAAGATCACAGGCTGGTCAGCGCCCAGCATGATTCCCCGAGCAATCATGGGGACAAGAGCATATCCAATTTGTCCTGCGGCTCCAGTAACAAGAACGCGAACTGGATCTTTCGCCATTGATGAAGATCCGAGAACAGATCGAAGAGTTGATGAAGAACGAAGAGTGAGCTCTGGTACTACGATGCTGCGAACGATGGAGTTGTGAAGGAAATGAGACGACCAAGGCTCATTTA

# >c72957.graph\_c1, MG516530

AACTCCGACCCGAACCGAATATGCAACCAGCAGCAGAATCCGATTGAGCAGAAGCGCCAGCGGCGACTGGTAGCTGAGCCAAGCACCGCAATCATGAATCAATTCCTGAAATTCAGACCTTCGAAGAAAAGATTCGTCCCACAAGAAGAATCCTGATCTTACCAAAGTCCTACTCCACACTATCACTTGATCGCGAAATGACCTCCAATTCGGGCTCTTCTTCTTCGTCATCCTCCTCCGAAGATGAATCGGCCGGTAGGTGTTCTAGTACTGTTGCTAATTCGGCTCCTAAGCCTTCAAATGAACAATTTCGGTCTCTGGAACTGACGGAGGACGAAGAAGAATCGACGAGGGATTGCCTGGAGAATGGCGATGTGGCGATGAATGGGTTGTTCGATCCTGAGAATGAAGGTAGCCGAGTGGAGATTGTGGATGAGGCGATGAATGAGTTTGTTGATAGCGAGGTGGGATTTGATGGCGCTGGAGTTGTATGGGGGCGGACGAATTCGGAGCTTGAAGTGGAGCGGCCTACCAGCCCGGGCAGCAGCGGTTACGCCGGTGAGAGAGGGAGTAGCAGCGCCACGAGCGTGTCAAGGGCGGACGATGAGATCGAGGAAGTGACGAAGAACAATGGTGGCGTGGCGGTCGACGCTGTCCCCGATTCTCCTTCCGTCTCGTGGGTTCCGGGAAAACGCTATGGCGATGAGGATGATGCGTCTATATCATGGAGAAAGAGGAAAAAACACTTTTTCATTTTGAGTAATTCTGGGAAACCGATATATTCCAGATATGGAGATGAACACAAGTTGGCTGGCTTTTCAGCAACTCTACAGGCCATCATTTCTTTTGTGGAGAATGGAGGGGATCGTGTCAAGTTGGTGCGGGCAGGAAAGCACCAGGTGGTGTTTCTTGTAAAAGGACCAATTTATCTAGTATGCATCAGCTGCTCAGATGAACCATATGAATCATTGAAGGGACAATTAGAGCTTATCTATGGTCAGATGATTCTTATTCTAACGAAGTCCATTAATAGATGCTTTGAAAAGAATTCTAAATTCGATATGACACCACTTCTAGGAGGAACAGATGTTGTCTTCTCATCACTTATACACTCCTTTAGTTGGAATCCGGCCACTTTTTTGCATGCATACACTTGCCTTCCTCTTCCTTATGCTACAAGACAAGCTGCAGGTGCTATATTGCAAGATATTGCAGATTCAGGTGTACTTTTTGCAATTCTGATGTGTAAACACAAGGTTGTCAGCCTTGTCGGTGCTCAAAAAGCTTCCCTTCATCCAGATGACATGCTGCTGCTTTCAAACTTTGTTATGTCATCTGAATCATTTAGGACATCTGAATCTTTCTCTCCAATTTGCCTGCCAAGATACAATCCCATGGCTTTTTTATATGCGTATGTCCATTACCTGGATGTTGATACTTATTTGATGTTGTTGACAACTAGCTCGGATGCTTTTTATCATCTTAAAGATTGCAGGGGATTCGGATTGAATCAGTCCTCTTGAAGTCAAATGTTCTTAGTGAAGTTCAAAGATCCCAGATAGATGGTGGCATGAGGGTTGAGGACCTACCTGTTGACTCATTGCCTCAGTCTGGGTCTTCATCTCGTTTAGGGCAGCACAAACTTCAAACAGAGTCTCATGAGAGATCAAGAGAACCATTTGTTGGCATTGGTGGCCAGGCAGGACTTTGGCATTTTATTTATCGTAGCATATACCTGGATCAGTATGTGTCATCTGAGTTTTCTCCTCCAATCACTAGTCACCAACAACAGAAGAGACTGTATAGAGCGTACCAGAAGCTTTACACTTCAATGCATGATACAGGAATCGGGCCGCACAAAACACAGTTTAGAAGAGATGAAAACTATGTCTTGCTGTGCTGGGTTACGCAAGATTTTGAATTCTATGCTGCATTTGATCCTCTTGCAGATAAGGCATCTGCTATAAAGACGTGCAACCGTGTGTGCCAATGGGTTAAAGATGTGGAAAATGAGATATTTTTGCAGGGAGCAAGCCCCTTCTCATGGTGACATGACATGTATGTATGTCTGTCCAATTCTGTAGAACAGCAATGTAGTACTAGTGTATAACAACATAGGTCTTTGGTACTCGGTTTTCTGAAAACTCGACCCGTTCGCTTCATTTTATGGTATAGAGCAGCCGCAGCAGCAGTAGTAGTAATGTCTCTCCTGTTGGTGTTCATGTGAATCAATCATATGGCTAATAAATGGCATAATGAGCCACCCACCGGAGCGTATGTTGAATCCGGACCGGAGCCAATAAGTGAGTGGCCCTCATTTCTTAGGGATGAACTTGTGTTGTTGGTCCTTAGTAATACTAGCATCTCATGGATGATGTATACCAATATTAGTGTCTTAGGAAGTTTTCTTTTTATAAAATTAAAAAATAAAAAAATCTTAATACTCTCTCG

# >c60567.graph\_c0, MG516531

AGCGACTGTAACGAAGTCATTTTGAAATACAATCATTCTGTAAGATAACAAATGTTTCGTGCAGCTCCTTTCTTCCACCCTGCTGTTGAATGGAACCTGATGACTTTTAATGCAAGAAGTACTACTGGAGCCCAAAACAATCATTTTAGTATTATTACACGACCCAAGCATTCTCCCTAAAATCAACCCACTTCATCAAAATGCTTACAGGAAGGACGATCCAATTTTTTCAAAGAAAAGAAAAACAGGTAGAATTACAGTGGTTCAGAAATGAAACAAAAGAGCACTAACAACACTATGCAGCAGAGAAGGTCTGTCAACAAACAAGTAGCACCTTTTAGTAGTCTTCTCCTTCATCCTCATCATCAGCGCCTTCTGCACCCACTTCCTCATAGTCTTTCTCCAGAGCAGCGAGATCTTCTCGCGCTTCTGAGAATTCGCCTTCCTCCATGCCTTCACCAACGTACCAGTGAACAAAAGCCCGTTTCGAATACATGAGATCGAATTTATGGTCAATCCGGCTGAAGACCTCAGCCACAGCTGTGTTGTTGCTGATCATGCAAACTGCACGCTGCACCTTTGCAAGATCACCTCCAGGTACCACTGTTGGTGGCTGGTAATTGATACCGCACTTGAAACCAGTTGGGCACCAGTCGACAAACTGAACCGTCCGCTTTGTCTTGATTGTTGCAACGGCAGCATTGACATCCTTGGGTACAACATCTCCACGATACATTAAGCAACAGGCCATGTACTTTCCATGCCTTGGATCGCATTTTGCCATCATGCTCGAGGGTTCAAAAACTGCACTCGTGATCTCTGGAACGGACAGCTGCTCATGGTAAGCCTTCGCAGCGGAGATTACAGGGGCATAGGATGAGAGCATGAAATGGATACGTGGGTATGGAACAAGGTTGGTTTGAAATTCAGTGACATCAACATTTATGGCACCATCAAACCTCAAGGAAGTGGTAAGAGAAGAAATGATCTGGGATATTAAGCGGTTCAAATTGGTATAAGTTGGCCTTTCGATGTCTAAGGATCTTCTGCAGATGTCATAGATAGCTTCATTGTCCAACAAGACCGCTACATCTGTGTGCTCTAGAAGGGAATGAGTTGACAATACGCTGTTGTACGGTTCCACAACTGCAGTTGAAACCTGAGGAGAGGGATAGATTGTAAATCCGAGCTTCGATTTCTTCCCATAATCTACAGAAAGACGTTCCAAGAGTAATGAGCCCAAACCAGAACCAGTACCACCACCAACAGCATTAAAAACCAAGAACCCTTGCAAGCCGGTGCAGTTGTCAGCTAATTTCCTGACTCTATCAAGGCAAAGATCAACGATTTCCCTTCCAACAGTGTAATGGCCTCTTGCAAAGTTATTAGCGGCATCCTCCTTGCCAGATATAAGTTGCTCAGGATGGAAGAGTTGCCTGTAACTTCCAGTTCTAACTTCATCGATGACAGTGGGCTCAAGATCAACGAATATAGCTCTCGGCACATGCTTTCCGGAACCAGTCTCACTGAAGAATGTGTTGAAAGCATCATGCGCAACACCTGGAGTTGTATCACTAGGCATCCTGCCATCAGGCTGGATTCCATGCTCGAGGCAGTAAAGTTCCCAGCAGGAGTTGCCCACCTGGATCCCAGCTTGTCCGATGTGAATGCTGATGATCTCCCTCATCTTCTCTACACACCAAAAGATGAGAGCTTTTTCTTCCGCCGCGAAAACTCGAAAGTGCCAACGTTGATGGGGTTAAAGAACGGGCTCAGGCAATCAAGCAAGCAAGCAAGAAGCTCGTTTTATTTTATGTTTCTTTTTCTTTTGTTTTGTTTTTCTTTTTTCAAATCTGG

# >c65147.graph\_c0, MG516532

CGGCAATAACTAAATCGAGCCATTTTTTTCAAGTAGTGGCAAAAAGGTACCAATAGCGAAACGTTAATGGCAAATGCAAAACATTTTCCAAACATTCTAACAAAAGAGGAAAGATGAAACAAAACATGAACCACATTTCTCAGTCATAGGAGGATTATAAAACCTCTTTTGTTAGCAAGGAAAGCTTGAAGATGACACGCAGAATATGAAGTGAGAACAACCTCCCTTAAACATTCTAACAAAAGAGGGAAAGATGAAACAAAACATGAATCGATCATAAAAGCTCCCAATTCAATCAGGTATGAATCGACCAACGCACACAAACAACAAACACAAGAAAGCGACAAATAAGAGAAAGGATCTGATTACTCAGTATTCAGAACCCTCATCGCCTTCATCGTCAGCACCCTCAGCGCCAACCTCTTCATAATCCTTCTCAAGGGCAGCAAGATCCTCCCTGGCCTCAGAAAACTCCCCTTCCTCCATTCCTTCACCAACATACCAGTGCACAAAGGCACGCTTGGCATACATCAGATCAAACTTGTGGTCAATCCGGGAGAACACTTCTGCAACACTGGTTGAGTTTGAGATCATGCAGACAGCCCTCTGCACCTTAGCAAGGTCACCTCCTGGGACAACAGTTGGTGCCTGATAATTGATACCACACTTGAATCCAGTTGGGCACCAATCCACAAATTGGATTGTGCGCTTGGTCTTGATAGTAGCAACAGCTGCATTAACATCCTTTGGGACAACATCACCACGGTACATAAGGCAGCAAGCCATGTATTTTCCATGACGAGGATCACATTTCGCCATCATGGATGAGGGCTCAAAAGCACTGTTCGTGATCTCAGAGACTGATAACTGCTCGTGGTAAGCCTTCTCAGCCGAGATGACAGGAGCATAAGAGGAAAGCATGAAGTGGATCCTTGGGTAGGGAACCAGGTTTGTCTGGAACTCGGTCACATCAACATTCAGGGCACCATCAAATCTCAAAGAGGTGGTGAGAGATGAGATGACCTGAGAGACTAGGCGATTAAGGTTGGTGTATGTTGGACGCTCAATGTCCAAGGAACGCCTACAGATGTCATAAATTGCCTCATTGTCCAGAAGCACTGATACATCAGTGTGCTCAAGGAGGGAGTGGGTTGAAAGCACACTGTTGTAAGGCTCAACAACAGAGGTAGAGACTTGAGGTGAGGGGTAGATTGTGAACCCGAGCTTGGATTTCTTCCCATAATCAACAGAGAGACGCTCCAAGAGAAGTGATCCAAGACCAGAGCCTGTGCCACCTCCTACAGCATTGAATACAAGGAAACCTTGCAAGCCGGTGCAGTTATCAGCTAGCTTACGGATGCGATCCAAGCAGAGATCAACAATCTCCTTCCCAATTGTGTAGTGCCCACGAGCAAAGTTGTTGGCAGCATCTTCCTTGCCACTGATGAGTTGCTCAGGATGGAAGAGCTGGCGATATGTGCCAGTTCTTACTTCATCAATGACAGTGGGCTCGAGATCAACGAAGACGGCACGGGGGACGTGCTTCCCAGCACCTGTTTCACTGAAAAAGGTGTTGAAAGCATCATCGCCACCACCGACAGTAGCACCAGACAACTGGCCATCAGGCTGCAATCCATGCTCGAGACAGTAAAGCTCCCAGCAGGCATTTCCAACCTGAATACCAGCCTGACCAATGTGAATAGAAATGCATTCTCTCATCTTCGGAATAAAAAAAACAGCAAAGAAGAAGCGGAAAAAAAAACCCTAGAATTTGGGGGAAAATGCAAAGGGCGTTTATGAAGACGCCTTTCAGAGAAGTGAGGTTAAGATTTGAG

# >c57696.graph\_c0, MG516533

GTGTGTCAATTATATTGTGCACTTGTTTGTCCGCACTTGCGCACTTTGTGCGAAACTATGTGCGGACTGTTGTGCGTAGCGCACAACTTCAGGTGAATAACAAAGGACTACTCACGTGAACAACTAAATTCACTTTGTTCCTATTCACTTCAGATCAGTGTAGAAAACGGTGAATCACGCGGTCCTACTCAGGTGAAGGAGGAGGAGCGAAAAAATCAGTTATTCACCCGAAAAAACTCAAGTTTGAAACAATAATAATACATAGTGAAGTGAAATGGTAGAAGAAGTGATAAATCAGTCAGCTCTGAAGCTCAATAATTGCTACAGCTGCTTCAATACCTAACTAGTACTCTACTAATTACCTAAAACCCTCTTCTTATTCTTCAGCAAGCCTTATTCTTTACTCATCTTTGCATTTCACTACATTCGGCTGCAAAGAAAGAATAAGCACCACCTAATAAACTTCAGTCTTCCATGCAATCCGTACATAAACAGACTTGCAACACCTAATAAACTTCACCCCTTTTAACTACAACACCATACAAGAGGGTTGCGCGTGCATTCTCTCTCACTAATTCTCTAACTTTCCATTACACATACCGCTGATCGGATTCACCGTTATCTCCTTGTGGATGTAAATCACTCCTTTATCTCCATCCACAACCTGCCCACTTCCTCTAAGAATCCATCTCGTGGTCAGCAATCCCTCAACTCCAACAGGACCCCGGGCATGGATTCTACTTGTACTAATCCCAACCTCTGCACCCAGTCCAAACCGGGCACCATCACAAAACCTCGTGCTTGCATTATGAAAAACAGCAGCACTGTCAACTCGACTTAGAAATACGTCAGCCACTACACTGTCCTCTGTGACAACGCAATCTGTATGGGCACTTCCATATTTGTGAATATGATCAATGGCAGCGTAAACATCATCAACTATTTCAACTGTGCATGCAGTTGAATTGTACTCGTGTTCAAAAGAATGTGCCTCTGGAATATTTAGTACGGCACTCGCCCTTGGTCCACCGTATAAAGTCACACCTTCAGCACGAAGAGCAAAAACAATTTCATTAAGACCACCCGTCTTTGTGAAATCCTTATGCACAAGGATTGTCTCCATGGCATTACAAGCTGCTGGATAATCCAATTTAGCATCCAAAACAATCCGTTTTGCCTTTTCCACATTAGCAGACTTGTCCACAAATACATGACATATTCCGTCAGAATGGCCCAACACAGGAATTTTCGTTGAACTCTTGATCGTTGAAACCAGTTTATTGCTGCCCCTTGGGATGACTAGATCAATCACGTCATCCAGCTTGAGGAGATCAGGGATCTCATCTCTTGAAGTCACTAGTCCAATAAGCTTCCTTCCAACATTTTCTGGAATGGCTTCAGTTATGACCTTATGTAAGATAGCATTAGATCGCATTGCTTCTTTTCCTCCTTTCAGAAGAAGGCCATTCCCACTTCGGATTGCTAATGAGGCAATCTGTCGAATTCAAATATAAGTAGATGAAGCCACTCAAAAGCTAAGAACAATATATTTAAATGTAGACATAAAAAGCGCCTAAGTTCACATCAGAAAATAATTCATTTGAATATGTCTAATTTTCATTTGAACACTTCCAACTCCATGATATAAGCTACAAATAGGCAAAAGACGTAAGATCAAAAACACTATTAGAAAGAATATACTGATTGAACTTAAACATGATCTGATACATTTATATGGTTTCAAAAGAATTGGAAAGCTATTTGCGTTATCATTTTTTTTTAGCAAAAATTACTATTGTATTAGTTGGATCTGAATGTAACATAGGCTGAAGATATTATAGTCCATTCCAAATAAGAAAAATGGACACTTTACCCCTCGAAGGTAATTAATAGAGAGACTCAAGTTTTACATCTTTATGATTAGTGTGAACATATCAGCCAAAGGTAATGCTGGGAGAATTTCAGAGCTAATCTAAGTTGGAAAAGTAGAAATCAAAGAAGCTAAGAGAACATGATTAAATTGTAAAACAAGCTAAGTCTATTACATAAAAACCAAGATACCGGTGTCAGGGGGGGAAGTGAGAACAAAATCAAATTATACAAGTTATGGCTTTAAGGAATGAAGATTTTCTGATTCCAAACATTATTTTGTTCATATGTAAAGAACATTATCATATGTAAAGATTTGTCCAAATTCTGTGAAGCAGTTTAACCTATAGTAGTACAACATTATTTTGTTCAGTTTTTTTAGCAATACCAATGTTATTGCCTTAATCAGATAGAGTAATTAGTATTTTGTACTCCGTATAATGATTGTGGCTATATGACCAAGTTTACTGCTTCATCAAAGCAAGGTCGGTGTCGCTGAGAATACAATACCAGCATACAGAACATAATAATGCCTTTCACACTATCAAAAACAATACCAAAAGAGTAATCTGAAAGTTAGAGATTATAGTCCACCTGCACTAATGCATCAGGCCGCGCCTCAAAAACAATTAAAAGGACACCTAGTGGGCATGATGTTTTCTCTAAAAGGAGTCCTTCTGCAAGCTAGGAGGAAACAATAAAATATATCTAAATCAAATAGTTAGTTGCAGATATTTCAAATAAATAAATGACACTAAATTATCCTAAAAAGCAGCTTCTTTTCTAACAATTTATAGTGTCTAAAAAATGCTTCATACCTCAAACTGAAACCTAAATTACTTAGGCAATCATACTTTCAGGACCTAAAACTTCAGAAAATACCAGCAAGACCATAATACCTGTGTTTTCTTCAGAACACGGCCAATTGGATCATCCATATTTGCAAGTACACGAACTGAATTTGCAAGGCTTCGAATCTTCCCAGGCTTCAGAGCCAAACGAGATATCAAGGATTTTTCGTATCCAGCTTCTTGTGCAGCAGCAACATCAGCTTCATTTTCTGCAAGGATCGATTTTTCATTTGCTACGAGGGCATCAGCTATGTCCAATAAAATCCTCTCTCTTTCTTCTGAAGACAATCCCTGAAGCCTCCTAGAGCTATCTCTCGCACCAATTGCCATTTCACGTGCACCAACTTCCCTAATTGGGTTCCAGAACTGTGCATCCCGATGAAAGAGAGTACCAACTCGTTGCCCTTGAAGAACTTTGATTATGTTCCCAGCTGCAAACCCACTGGTGATAACAACAGGAATACCAGCAGATGCTGCACTTACAGCAGCTTTCACTTTTGCAGTCATGCCCCCTCTCCCCACCCTCGATTTGTCACCGAAAGTGATTTCACTTTGATGTTTTTCCTTAATATATGTGTGAATTAGCTTTGATTTTGGATCACTGGGGGGACCACTGTAAAGACCGTCAACATCACTCAATAAAACAAGAAGATCAGCATTTAGTTCCAGTGCCAATAGAGCTGCCAAACTGTCATTGTCCCAAAATATACCAGAAGAGTCCTCATAAGGAGCTTTCCTAGTGCTGACTGCATCGTTTTCATTGAATATTGGAATAACCTTCAACTCCAATAATGATTTGACAGTTTCACTTAGTTGTTTTCTGAAATCTTTGTCTCGGAAATCACTGTCCGTCACAAGAAGTTGAGCTGATGACATATCCAGCTGCAGACAAAGAAGAAAAGATAAGAGACAACTTTTAAATGTACCCCATACATAAACCTGGTCTTGACATGGACAAACTGGGTGTCATCCTATAAGTAATATAAAGTAGGTGGGGAGGAAAAAAAACTTCCCCGTGTAGCAGAAAAGGAAGATGAAACTAAGACCTGACCAAACAATGTATCATATAGAGCCAAGAGACTGTTCTGTCCAACAGCAGCACATGCCTTCCCATGAAGTTCTCCTTGCGGCTTCTGAAGATCAGAAATGCTGCTATTTACTAATCTCCTGTATCTCAGCCTTTGGCGACCAAGGCCAACAGCCCCAGAGGTAACCAAAATAACCTCATATTCTTGAGTAATTAGCTCTTTTATCTGTTCACATAGTGCTCCGAGTCTTCCTAGAGCTAATCGTCCATCATTTCTAGTGACAACAGCTGTTCCAACCTTGATAACAAGACGCTTGACATCCTTGACAAAAACACGAGTGGAATCCATGTCGTCCATACCCGGAATTGCGGAGCGAGTTGCCGGTGACGCAGACTCGGTGGTGAGTCGCCGCGTCGGGATGTGAAGCAGAAGCAGTATAAGATTGAATGATAGGGTTTGTTTTTTTTTTTTTTCTTTTTTGTTTCTTCCACTTAGCACTTCATTTTGACATCTGAGGTTGGCCATGCATACAAGAGCAGCAGCCTT

# >c73625.graph\_c0, MG516534

TAGTTCATTTGATACATCTCTAAACAGAAAATGAGGCAATTTGTTGGGAATAGCAAATTGATTGGCTTGAGTATCATTTAGCTGATTGGACTCTATGTAGTTGGATCACATGAATGATCTTGGTACATAGCGGATGATTTGAGAAACATGAAGCGAGCCGTAAAAGTTGATACTTTGAAAAATCGAAAGAGAGAAGTTTTGGAAAAGTCACGAGCTTACCGTCCAACAGGAAGCATGGAAATCGTGCACAGGTGGCGCGTGGGGACTTGAGCAAGATCCACCATCCAAAGTTTTTAACTTTTTTCTGTTCTTCTTCTTCTTCCCTCCCTGTTTCCTCGGAACGCCTTGATCGTTCTCTGTTTGGTGTTTTTTGATCGTGCTGATCATGGCTTCCGTTTTCTCTTCTGCACCCAGTTACGCCCTCCCGCCGATTTTCTCCGGCGTTAACTCTTGCTCGTTTCATGCCCGACCGCCGGGTTCGATCTCCGTGCAATCATCACCGTCTCTGTCACTTCCGAAACGACGTCGTGTTCATTTCGCTGCCGGAGGAGCCACCGTCAACTCTGTTCCCGCACGAAATGGGGTGGTTTATACAGTTGGTGATTTCATGACCAGAAAAGAAGATTTACATGTTGTGAAAACCTGGACTCCTGTTGATGAAGCATGGGAGGCTCTTGTCCAGAAGGGAGTAACTGGTTTCCCTGTGGTAGATGAAGATTGGAACTTGGTTGGTGTTGTTTCTGATTATGACTTGCTAGCTCTTGATTCCATATCAGGCACAAGTGAAAGTCAGACAAGCGTGTTCCCGGATGTCAATAGTTCTTGGAGAAGATTCAATGAAATACAGAAACTGGTTAGCAAATCTGATGGGAAAGTTGTTGGTGACTTGATGTCTCCTGCTCCACTTGTTGTCCGTGAAATGACAAACTTGGAAGATGCTGCTAGGTTGCTGCTGGAGACAAAATTCCGGAGGCTTCCCGTGGTAGATGGTAATGGCAAACTTGTTGGAATCATAACAAGAGGAAATGTTGTGAGGGCTGCCCTAGAGATTAAACGGTATGCCGAGCAGCATATGTGACTCCTGGTCATGGACTTGCAGAAGATGAATTTTCAGTTTGTTCAAATTCCTGCAGTTGTTTGTCTTTGGTTAGGGCAGTGCTTTTGCTCTGCATAGATCAGTTGTAGAGAGTTAATTGGTACAACAGTCAGGAGAATGTTTGTGTATTGGTCAGTGACCATCAACACAAGCTTAGAACATTTAAAAGTTCTGTATATTTGATACTCCATTAGAAGGATGTATATGATAGTAGTAGATATTTGTTAACATGCATTACGATTGTCAGTCTTTCAACTTCCTGTTCTCATTAGTTTCAACTTTTGCTTTTTGTTTATCTTTTTTGGTTCATTTAGCTAAATCTTCTTGATGGTGAAGATCCGGTATGCATCGTGATTTGTGCACATGTCTAACAGATTCACACCAACATACTTTTATGGCAGATTAGGTTTCAAGAATTTCAAGTTCAAAATGTTAGCTAGCAATGAGTTCCACCATAGCAAGCTGAGAATGCCAAGCCATTACAGTAAGCTGGTGATGTGAATTTTCCAGTGCAAATGTATCAAATGCCATTAATATTCTAAAAGATTGCACATGATATGTAGTTCCATTTCATATAATACCTACATGTTTTGATTTACTTGGTTGATGCAGTTTTGATCTTGTTTGCAGACAATTCTTGAATGAGAGCATTGACATCAGAGTGAGATAAGCCTCCTCCCTCTTGTATGACTTTTCTGGCCATATCTGCATATGATTTAGCCTTGCTTCTCATCTCATCAACTCCATTACCTCTCATCAGCTCTGTAACAGCTTTCTGTATTACATCCCTCTTCACTAAATCCCCAGTTGGATGATTCCACTTCTTTGCACCCACACTAATCCCAATCCGCAGAACCTCGGTGACTAGCTTCTCGTTGTAGAACTGCTCAGCTCCGACTGGCCATGTGACCATGGGAACCCCATCGCAGACTGCTTCAAGGACAGTTCCAACCACAATGTGTCACAAACCCTCCATTTGCTTGGTGCCTAAGGATTAATGATTGGGGTGCCCATCCTCGAATGATGAGTCCCTTGCCGCGCACTCTTCCCTCGAATCCTTCTGGTAACCATTCCTCTTTCCCTTCTTTCTTGTCCTTCACCACCCAAATGAATGGCAGATCTGAAGCTTCAAGACCCATTGCGATTTCGAAAAGCTGGGAAGAATCAAAGTCAGCCATACTCCCGAAGCACATATACAACACTGATAACTGATTTCAGTTGCTTGGTACGCAGCCATTCGAAGCACTTGTCCTCCGGTTCTCCATCATCATCATCATCATCCCATACCACAAAACAAAGGCTCATGTATGTTGGCCCTAATATTTACTGTTACATCCCCATCCAGTGAGATTACCTCCCAAGCCAAGCCTTCACATTTGAGGAGTCAGGAACATCTGAGGAGCATCACATCTTTTCCCAGAAGAGTAACCAGGTCGGTTTCTATAGATTGGTACCTGAAAAAGAATACGTACGGTGGTACACAATAATCCGGATAGAGAGTCGTATGTTATGTCGATATCGTACACCCTAATTCCTTTGCAGCAATGTCAAGAAACTGAATCTGCTTTTCGCCTGCAAGTTGGCTATGAGCTTCCCATGTCAAGCACTTCTCTATATGAGCTTTCCAATCTACATCTACGTTGAAATATCGGTAGGAAGGGTCATGGATGCCATTTCCATTTATAAGCACTTCTTTAGAGCTATACTTGGGTGAACCTGTATGCAAGATGTCACGCAGAACTGATATGCTCAGAGCACGAACATGTGCGCTCGGATGAGTGAGACACCGGATAGTAGGTGGTAGCCGACACTTAAGAAGGTTTGAAAGACCATCTGCAACCGCCAGTCCAGACTCTCCAAACTCCAGTATAGGTGATACTGCTCTTGCTGTTGCTTCTAGTAGCTCTAGTTGGGGTAAGGTGCAAGCTTCTCCATCCACAAGAACTCCGTCTGTGGCACGCAGGAGTAGATCTGATGCACTAGCTACAATTACCAAGCATTCTGGGCTATCATGATTTCTCATAAGTTCCACAATCAACTTCACAATCCGCTGGTTAACTTTCCACATTTTCTGATTTTGTTCATCATCCTTTGCAATCCACGGCTGCAATTCCCTCTCCGCCTGAAAAACCACTGCTGTAGCGGCTTTTGTTGGAGATGCCAACACCACATTGCACAGAGCATCAACCACCTGTCTCCATCCTTGCTGAGCAGATGTGCTCTCTGCAGTAGGCTGTGTTTCAGGCGCTGCCATCAGTTTGTGCCATAATAATGAAACCACAGAAAAGCACAGTTCTTGTTTCTCAACAAGTATCGATCTCAGAAGAACCTGGGCACTGCAATTATATCCTAGGTGTCTGTCCATAGTGAGGAAATTGGCTAAATCAGAAGCATCTATTGGGAAACTTTCAACTCTTTTACCCGAGGAACTTCCTGATCCTTCATCTGGAGGCAATGCATTCTTGCATCTATGATTAGCATCTGAAAGGACTGAATCCTTACATTCTGAAGTAGAAGGTTGTCCAACATCAAAGCTACTAGTTTTTGTGCATTTATGCTTCCTTGTATCCAAACCATTGGATACATTCTTCCGAATATTTGCATGGACTAACCGTAATTCTAATGGTTCAGCCTTGTTAACAATAGATGCAACAGCCTTGCTATGAATGTCGATAAGATTGTACAATGATGATGCTCTGGCAAAAATTTCACTATCCCACTTGCAATGCACAAATACGGAGAGCGCCTGCATACAAGACTTCGAACGTCTAAAGAGTTCAGAAACGTGAGCTGCAACCATAGCTGCTGCAACAATTTCATTTGAACTGTAACTCCATGAAGTACCGACAGAAGATGGCTTGAGAGAGAATAGTGCCTCCAAAATTGCTAAAATCCTGTGTGTATGATGAATTGCTGAGTTAATTCCGTTTCTGTAATCATTACATTGCCCATTAACTTTTGCAGGCTTTGCTGGAGTTCGTGCACCACTGGGGACACAATGGTTATCCTGCCTTGAAATTATAGGAAATATCTGGAGCTCACATGCAAGAGCACAAACAGCAGCTAGAACATAAGAATCAAAAGCTGCCACTGGCCCTTGTTTCTTCCCCTTCCTGAATTTCAAGTTTTTCGGCTTTTCGGATGTCCCCTGAAATTCTTCGATGCTTTCATTTTGGGAGAAAACTTCCTCATCCCGTACTCTCTTGCTCCTAATTGACTGAGCTTCATAGCTCACACAGACAGTTAAGACAACAAAAAGTAGGCGTGAAGCAAGCTCTATCGAGGCACATGATTCTACAAAAAGAGAATGGACCATCGTACGGAGCTCAGCCACAGCAAGATTCTTAGAAGCAGAGCCAATGCTGTATCCAGTTTTTCGCATCTGCTCTCGGGAAGACTCAGGTGGAAAGGTTCTCTGGAGAATTGCTTCCACAGTAGCCACAAAGATTTTCATCAAACATGCTTCAGAGGGACTACCACGTGGAAGATATTCCAGGACTTTGAGGAAAGGTATGTAGAGATTCCATGACAAGATGGGAGGTTGTGTCGGAGTTGAGACAATGATTTCAGGAAGATCAACTGCTGAAGAGCTTAAAGGTATAAGGCCATATGCAGCTTCCCAGATTGTACAGATTCTCCATTCAACCTCAGGCCCGTGAGCACAAAGCATGGACGCAATCCCTTGGGCAGTGGCTTCAATAGTTGCTTCAGCTGCAGCAACTTCTACCTGCTTCCTGTAAGATGAAATATAGCCACCAGAAGATTCATGTTGAACTTCAAAACCCTCAATTTGCCTCAATGGAGGAAACAGCAAAGCAGGCTGCGACAGTATGCGAAAAAGCAAAGCTGCTGCAGCATCAGCAGCTATCCCCACTCTCATTGACATTGCAATCCCAATTGCACGCAGAAAATGTAGATGCATCCAGTTTGGTGGAAGCCTTATGCCTGAAGCATAGTCTTCAGCAGCATGAAGGAGTTCAACTAGCTGTACAGCAGCATCAAGTGCATCAGGTGCCCACGATGGTGGCGCTTCTAGAAGTCCTACAAGAAGTCTCTGTGTAGCACTTGGAGTAGCAATGGCATAGTACCGATGAAATAAACGTGCATAAGGCTCAAGAGCTGGCAGTCCTGCTACTAAATGCTCATCCAAAGCTGTTGTTGGGGGAGGAAGGAGAAGGGCAGGGACTGCTACAGCTGTTAAAGTAGCAGTCTCATAACGAGCAACCTCATCATCACATACACTCAATATTACACCAGCACCATTCGCGACTGCCCACCTTGGAGTGGATGGCATAAGCTGAGGATGCTTCCCAGATCCACGAGAAGAAGCAGTTGATGGTGGCTTAAGTTCTCCTGCTGCGTATTTGCCCATGACTCCACTGCACCAGCGGAAGTAGTCACTTCTAATACCCAAGGGTGCAGCAAGCAATATATCAGTGATCCAAGGGGACAAAGGTCTCAAAGGTTTCCTTTCCTGCTGCATAAAGGGTGCATCACAGGATGATTTACCATTTACAGAATAACTGGTTGTAGCACAGCTGCTGGTGGCACTTCTATCTGTTTCACTATTTAGCGGTTCCACCTTATATACTGGACGATTGTAATGTGTCAAAATACGCAATATCTCGCCACATGCCAGAGCCCACTGTTCAGAGTACTCGGTCTCACTACTTGGGCAGACCAATGAAATGAAAGAAGCAAATGGAGCATTGCTCTTATCATATACAAGTGTACCATCAATGATACATGAAATAATAGGGAGAACAACAGCATGCCCATGCTCTGGATGGTGAAGGACAAAAGTCGCCAGAACATCATCAAATAGGCGCTTTTCATTTGACGGATAACCGCTTCGAATCAGCTCAGCAATATCATCTGGGAATGTTTCTGAAGTAAATTGCCCCAAGTACTCCACATATGCAGTAACTTGAGCCTTTCGCTGTTGATGGTCTAGAGGCGGAGGCCAGAATAACAAGGAGGACTGAAGTCCGTCAATCCACCTCTCGGATGTGCCAGCCATTATAAGTAAGAAATGTGTACACTAAACAGAAAAGCTATTTACTTTCTGCGCTTATGAAGAAACAAGGAAACAGAGCAGCATGCCAATCCACAACCTAGAGCCTGACGTTCAACAATCAAGAATCAGTATTTCGTAGTTCAACATCCCAAACAAGCCAGCCGAAAATCCCACGAACCACAAGCTACGAAACACGTAATAGAGCTTAAATTGGTGTAGAATATCATAAGTTACAGCAAACTCTCGCAAGAACGGAATATGGTAAATCCCAACACTGTACTGTTCTTAAAAGCTCTCCGCTTTGGCCATTCTCGACCTCTAAAGCCTGACCAAAGCGAACCTGGACATGGAGAGAGAGAATTGCATGGATCAGCAGCTTGTCTGGTTAGATTAACAAAGACAAGACTTGAACAAACAGATTGAGCTGTGTTTTCTAAACTGTTTAATCCTAATTTCTTTTGCTGGGAAATCTTTTCCAAGGTGGAGAGTGAAAGAGGATCTTTAGAAGGATCGTTGTTCTTTGAGAGAGTTGCAGACGTGGCGATGATATTTTCCTCTACAATCTTCTTCGTTTCCCTTGAGAACTTTTATTCTAAAATCTTTTCCTCTTGCTGCTGAGAGAACTAAAATCTTTTCCTGTGTGGAGAGTGGAAAGAGGATCTTTAGAAGGCCTGTTGTTCATTCAAAGAGTTGCAGACGTGGCGATGAT