

>CONTIG\_1\_length\_120795\_cov\_17.146509

GGCCGCCAGCGCACATAACCGAGATTCCACGCAGTAGCGCTGCCAGGCAGA  
GTGCTTTCGTAGCCGGCGGTAGAGCATTCCCTACCCTGTTCCGAAATTCT  
ACGCCGTTCGTCAATGCCCTGGGCACATTGCCGGAAAGCATTGCGGCAGGG  
CTTCGCGCCTGGGTGTTGTTGCTGAACCCGTTCACTAAACGGCGTTGA  
TAAGTCATACAAGTACCTCTATAATTCCGCCTATCGCTTTGACACCTGAATT  
CCATCCACTTCGCCATGCGAAGCTGATGCAGACACCTCAAATCCTCGCTGCCCTG  
GCCGCAACGCGCCAAGGCTCCAGTCATGTCGGAGAGGTACCCACTATGAAGACA  
CAGAATATCTACGCCCTGTTCTCGTCCGATCCGGCCGAGTTCAACAAACAGGCCCTC  
AAAGGCAAGCTCGGGATCACCTGATCCAGCTCATCCGCGCCAACGGCTGGAACCA  
GGCGCTGCCTCCGAACACCTGAAGGTCGCCAGCCGCGTCAGCGATTGATGC  
GCGGCAAACCTGACCCTTCTCCATCGATGCCCTATGGAACACTATGTTCCGCGCCG  
GCTACATGTTGACTACGAGTTGGCTTCCCAGACGGGAACATGCACCGCCGCC  
TGGAAATGAAAATGAAAAAGGCGATGCTCTAACATGCCCTTTCACCCAGCGTTAC  
CGGTCTGGGCCAGTGCTTCAGCCGTTCCGATGTCGTTCCCACCAGCTCCGATCCT  
GCCCTCAGTGGCTTGCCTGCTGGAAATGCAACACCACATCACCGTTCTCCGGA  
TGACGTACATACAGCGTAAGCAGGGCTGCCTTGATCTCAGCTCGATGACGCC  
TGCCTGCCGTTTCAGCTTCAGTCCAGTGCCTGCTCCAGTGCCGGACCAAACCCACCTCCACCAT  
CTCCAAGCTCCTCAGGAACCTGGTGCCTGGACTTGGAAAGCTGCCAGCTCTT  
CTCTGCGCCTTACCTATGATGATCTGCCGGACTTGGCCGGCTGGATTACTGCTGCTG  
TCGCTGCGTACATGTTGATCTGGGTTGCTATGCGTACCTGTGAGTTTC  
ATGAGAACGCTCCTGTAGTTGAAAAGGAGTGGTCAGGCAGTGCTGCCACCC  
GCCATTATATAGCGGTAGTTATGTCACCGGAATGCGCTCAGTTACAAAAA  
TGGCCGCTAGTAGCTCCTGTGCGTGCCTGGGTGGCTCGCCGGCTACGCCAGG  
GGTGCCTGAAACATGCCGCACTGACGCGAAGGGCATAGGCACCTGACAGGCCACCG  
CCCAGTCGAAGGGTTCTATGCCGTACGTACCAAAACTCCCCCTGAGGCCGGTT  
GCTTGGCTCGCCCTGGTCACGCAGCTGTACTGGCGCCGTCTGGCGCTGGCTGTG  
CAGGTGCTTGAACGCCCTGCGCGAGAACCTGGCCGGCTAAAAAGACCCGTC  
GTGCGCGGAGCAGGGACGACAAGGTCGGTACCTGCCTATCCCCCGGTCCGTGA  
AGCAGAGCTGATCGTAACCTGGCGTCCGTCTGACTGTGAGACTACGAGA  
CCAATTAGTAATTGCTAACGTGGCGTCTGACTGTGAGACTACGAGA  
CGCGAGAGTCGCCAAATCATGCACCTCACCTGCTCACACATACGCCGGCTGCT  
TGGGCCAGCGTGCATCGATCCGGTCCCCCTACCTGCCGTGAGTGCACTCCGGAT  
CCGGCTCGTTCCCTGCCGGCTGAAGACTTCAAGACGACGCCAGGCTGGAG  
CATGATCCTGCCGGCTCTGCACGGGATATCCTGTTGAGGACCGTCTGGAG  
TCCGATCAATGGCGACATGGTGCCTGCCATCTGGGATGTTAATCAGCCGGTCTGCAA  
GATCCTCAAGTCGCGGTCGACCAACATCGAGCTCCACAGCCGAGTCCACACTGCGC  
GCCGATCATCCTGGCGCCAGGCACAGAGGTGAGGTCTCGCGGTGAGGCGTGG  
TCCGCCAGGTACGCGCGCTATTCCCGCGTGGCGCTGATGTTGCGTTGATTGA

CGGCAACAACCTCTACGCCAGCTGCGAGCGGGTGTCCAGCCGAGCTCGTGGCA  
GGCGTTGGTCGTGCTGAGCAACAACGATGGGTGTGCTATTGCTCGATCGGACGAA  
GCCAAAGCGTGGCGTCACGATGGCCAGCCATCCATAAGGTGCCCCCGCCAAT  
CCGCCGCCGGCTAGCGCTCGCTCCGCAAATTCTGGTCTCTATGGCGATATCGCTTC  
ACGCATTAACGTAATCCTGCGCCAGGCCGCGCACGTGTGGAGGTGTACTCCATCGA  
CGAGTCTTCCTGACCTGGCGCATCCCGATCGCCGGCAGCTGGCGATCGACTT  
ACGCGAGCGCGTCCACCAATGGACTGGCATCCGAACACTGCATCGGCATCGCGCCAA  
CGAAGACCTGGCCAAGCTGCCAACCGGGTCGCCAAAGAACGCAACGCCAAGCCG  
GGCAGCTACCCAGCCATCTGGCTGGCGTCTGCCACCTGGCCGCGCTCAGCGCTAG  
AGAGCTGGACGCTGTGCTGCGAGCAACGCCGTTGGCACCTCTGGGGCGTTGGCA  
GGCGCTGGGCGCGAGGCTGCAGGCACGCCGCGTGCATACTGCAGCCGATCTGCGA  
GACGCCGCAGCAGACGACCTGCTAGCGGAGTTGGGTGAGCGATCCGAAAGATATG  
CCGCGAGTTGCAGGGCACGCTTGTCTCGAGCTTGAGGAGGTGAGCCGGACCAGGC  
AGCAGATCATGGTCAGCCGGTCGTTGGGACCTGGGTGAGCGATCCGAAAGATATG  
TCGGAGGCGCTGGCAACTTTGCCATGCGCGAACAGAGAACGACTGCGCGCACCGG  
GCTGACTACATGCGCAATAAGCATCTTGCCAAACGGATTGTCGAAACACCAGGCCT  
GCCGCAGCACTACCCGTACGCACCGGGCACTCGCCTCCGCCACTTCTGACAGCAG  
GATCGTGTGACGGACGGTGCACGGCTGTTCAAAGCTTCACTGCGCAAGGCTTCGC  
TTACAAGAAGGCCGGCGTGCCTATGGATCTCGTACACCAAGCGACCTGCAGG  
GCGACTTATTCAACCGACGCTCGGACGTGGCACGGCGGATTAGGCGAGTGGCTGGCAG  
AAATCACCGAGTGGCATCGCGCAGAATCTCTGTCTGGTCATTCACTACATCC  
TTGGATGATCTGCCTAAAGCTGCATGCTGACACTGCTTGTCAAGACAGGTGGTCGCGT  
CATCAGGAAGGGCATTTCTGGTCAACAGATATGAATTGTTGGCTGGGT  
CCACACGAATCATCAAGCACTGTCTACTGCGCGTCACTGAAAGGTTGACCGCAGCA  
GTGACGTTCCAAGTCCGAGGAATGCAATCAAGCCATCGCGAACGCGATGGAGGT  
GTCTCCATAGCCGCTGGAAATGCGCGAGTACTTGCCCGTGAGCTCTATCACCCA  
TTCGTAGCTCGCGTTGGCCATGTCGCAATTACGGCGAGCTGATGTACTTGGTAAA  
CGTGTGCGGTAGCACTCATCAACTGCGGCCGTGAATCAAGCTTCAGCGCTTAGC  
AGCCGGATTAGCCTCGTTGTAGCCTCACTGAAGCATTGCTGGCGAACGTAACGC  
GCTATCGAAGACTACATCACCAACAGCGCGCATACGCCGTGACGAACACCAGTC  
GTGCCGCTGCTCCCGCAATAGCCAGCGCGTCCCTGTGATCAAAGCGATTCCA  
CGCAAGACCAAGCCGTATTCACTGCTCTATCGATGTTGACACATCGGGCTGGTGA  
CCGGCACATTGATCATTCAAGTCCCTTAGCGCTAGCAGCTGCGCTGGATGCTTG  
GCCCTAGAGCTGCATGCCCTACACACAGCGCAGTCAGGATTGCGTGCAGCGCG  
TATCGGCAGTCGGCAAATGTCTACGTCACTGTGCTGCAAGAGGCCCTCAGCGCCT  
GCCGCAGGATATGGACTGCTCCCCAGCGCCATCTGCAGCCGAAGCCATCGCGCA  
TGTGCGGTCCCTGGCGTGGTACATCACCAACGCCACCGCCTCCGTCGCGTATTG  
AGCAAGACGTACTTGTCAAGGCCGTAGGTGGTCACGTGAGTTGATAGAGTTGGCG  
GTGTTGTGGCAGGTGTGTCAGCGTCAAACACCTGCGTCAACACTCGCGCGCCGCA

GGCGCGCAGAGCTTGGAGTTGCCGTTCACCGTGTAAACAGGTGGTCACCTGTGC  
CGAAAAGGCTGAGCTTGTGCTGAGCACGAACGTACGGAGCGGTGGACGAGTAA  
GCAAGTCGGATACCGCAGACCTTGCTACCAGCCAGTGTCACTGCCTGGCGTATGA  
TTACGTCCAGAGCGTCGGACGTGGCATGCCTCAAAATCGGTCTCAATCGGTGCGC  
TCACGTGGATCATCCTCTGTCCCAGATTGCCATTACTCTCAAAATACCTGGAGATC  
GTCGCCAAGCTGAAGACACCGATGTAGCAAGTTGAGAGGCCGATCACGCTCGAC  
GCGCAGTTGATCGATCGTGCATGCCTCAACTAAGGCTGCAGAGAGAGTACGTG  
CCTCGCCATGCCTGCTGCGAGCATCGTTCTGACTGCATAGTTGTCCTCCAATGT  
CCTGGCTCTGTGCAGGGCTGCCAGCTCAGCAGCACTGCATCGAGTTGTGCTG  
GTGTAGCTCCAGGCCTCAGAAAGCTTTGGAGTGCATTGAGCAGATTCAATTCCCTG  
TTCTTGCCCCGACTCGCGCAAGCGATGTATGCCATTCAATATCTCGCGTATGCATCT  
TCAAAGCGCTCGAAACGCTTACTCGCCCGTCACGCTCATGGCGGGCTTCAGCCAAT  
GCAAGTTGACTTGCCTGTTCACGCTCCTGGCTCACTGCATTGCAAGCTGACTCA  
CCCAGCTCATCGCGACGCCGGCAATGGCGGAACTCAGCTCTGAAGTTCTGACTCA  
ACCTGCAGCCGATCCAGACGCGCTTGTGAGACGCGACACGAGGTTGGTTGTCC  
GAUTGAAGCTCGTAATCAGTCGCTCTGCTCGCTGGCGCTCGGCCATTGCGCT  
GCTCGGCAAACAACGCCCTTCTTCGATCCAGCATCACCAGCGTTGCTCCGCAG  
CAGCCTCGCGGGCGCATAGCGCCCTGCCGTGCGCTCTGCATCCGAGAGTACCT  
GGGCTGCTTGCTCCGAGCGTGGGTATCTGGCGCCGATATCGGTGATCGTTGC  
GCGAGCGCGCGTGCACCGTGGACTGAGAACACTCGGCACCGTGTCTCAAACCAC  
GAGCGATGAACTTGACAGCACTGGACCAACTACCGCGACTGCCGAGCACCTGCGA  
ACACTCATGTGCGTTGGCGCTGGCCTGCGAGTAGCTTCTCGATCGCATCGAAC  
ACTTCCGTCGATGTGATCGGGCTTGACTCGACCATTACAGGCTGATCCTGACTTG  
CCGAATCGATTCCAGCCTCCATCGCCTCAATGGCAGTGATTTCATCGCGAGACTTA  
CCGCAGTGACGCGAACTCCTGGGGCGACCTCCACGTCTCGCCCAAAGCCTCTATAA  
GTGGCTTCATGAATTCTGCCATTGCGGCGTGGCTCATCTCAAACACCACCGTGC  
GAAACACTTGGTTCCATCAATTGCTCCTCATCTCATTGCGGCGATCTTCCAGT  
TCCCATTTCGGCAACTCGGCTTGCGCGACGCGCTCGCCAAAGCTCCAC  
AGGCGCGGGTGCCTCGTGGACTGCTCACAAACCCGTTGAACACTGGGGTTCA  
CCCTTTGAGGTAGCGCTCGATTGCCGCAACCGAGCTCGCTCCGAGCGCCATCA  
AGATTCCAGACGCATTCACTGACAGCAAAGCACAGCGGAATTCCAGAGCGACAG  
CATCAACTTCGCCAGACTGTTGGCGCTTCCGCTTGGTTACTCATGATCCACTGC  
AGTGCAGCTCGTATGGCGACATCGGGATTCTCGTGAATGAATTACAAAGCCTGCA  
GCGTGCAGATGCGAGCCAAGGAAACAGCTCGCGCCACGGACGTGAGCCCCATG  
CAGCGGATGTCGCGCTCGTATTCTCCTCTCGCTGAGCGCCGGTCGAGCACATTG  
CCCTCAAACAGCGTGCACACTGTGATCAAGATCATCACACCGCGCCTGATCCGGTAA  
GTCCATACGGCGGATAGGTCGACGTAGCAGGGGTCCAGTCTAGTTCTCCCTGTACA  
AGGCCTGGACGGCGGGCTCCGGTGTCTGTACCAAGCCGGATGAGGTCGACGCA  
CGCCTGCTGCCGCCGCATTGGCGTTGCATAGCAATACGCCAAGCTGCGTGC  
GCCATCAGCATGCAAGGACGCCACGCGCATGCACGATCCGATCGAAAACGCA

GCCGATGCCGGACGATTGTGCTCTGCTGCTGATTGCGTGGCTGCCAGATTG  
CCATATCCAGTCCGGCGAAACGAATCAGACTGCTGCACCGGCAGTGCCAGCAGG  
CTTCAGCCTGGCGTAGCGCAGCGTCCCAGAACGCACTCTGCGCCAACCATTG  
GCCGACCGTCATCGATCGTCCGATCGTGGCGGTCCAGATAGGACGTGGCCACCGG  
GTCCCCCGCGAACCTGGTGATGTATTCCAGTCATGGATGACATGCTCGCTGCCGA  
GGCCCGTAGGAGCTCGCGCTGCCACCCACCGAGAACGGCTCCCCAGTATGAGGAT  
CGAAGGTGACTGCTGCGGAGGAAGCGTGCCGCGTCGCCAGCACCTGGTGC  
TCGCTGGCTACTGGCTCCAGGTAGACCTGAACTCGCCTTGCCGGTTGACACCAAT  
CGCAGCGGCCGGCGCCCTGCCGCTGGCACCAAGCGTCCACTGCCGCAGTGCAGGCC  
GGCCTGGTCGGTCAGCAAGGCATGCAAGGTGTCCAGGGCGCCTTGCGGTAGGCTG  
GATAGCTGCTGCTATCCGGCGCCGGCGAGCATTTGTCGCGACGGGCAGTGCAGCA  
ACAGCCAACGCAGCGGTGATGCCCTTCCAGGGCATCCGCGTCGTGCGGGATCCG  
CGCAGCGGCAACCGCTGGCAAAGCTGGCCCGTAGTGGACCCCTGGCTATCGC  
GCTCGCGACCCAGGTGCGGGCGCTTGAACAGCTGGATATAGCTGTTAGCTCC  
GACGTTGCGCACCGAGGTCAGGTAGTAGGTCAGGTCGCTGGCGTAACTCGATCA  
AGCACCAGCACCTCTGCATTGCCCTCGACACAGGTATAGCTGCCAGTGTATCTCC  
CGGCCGGACCGGTTGTATCCCTCGTGCACCAAAGGTACTCGATGTAGGCCACGC  
TTATCGCGCGCACACAGCGATGATGGCGTCGCTGTTAAGCCGTATACCTG  
CTGTGGGCCAACGGTTGTTGAACGGAGTTCTGTGATGCCAAAGCGCCGGGA  
ATGAAGCGCTGCTGAACAGCGCTGAAGCCGAACGGCACCCAGGCACCCGCTGC  
CAGATATTGGTTCTGTTGCTGGCGATAACCGTACAGCTGATGCCGCTCGACACCCAG  
CATCACGCTCTGGCGACCAGGGCGAGATAGCGCTCTGGAAAGCCCCAGTCGAGCC  
ACGAGGCAAACGCTGGCACCGCCCAGTGGCGAAGAGCACGTCGCGATCGCGTAGC  
CCCCAAAGCATCGTAGGGACCTTGGCATAGGCATCCAGCGCTCCGAGCTGGCGGCG  
CTGTGCCATCGCGTACCGAGGTCGTCGCGGGATGGTCTCGCCGTTGCGACCACT  
GAAGTGGCCGAGCTGCTGGCCCGTTGGCATGAGCTGTTGATCTCTGCAGGAA  
TTCGGGGCCTCGACCAAGATAACACCTGCTCGCCATCTCGCACCAAGCAGCATGTGCAG  
CTGGCTGATCTGGTTGAGTTGCTGGTTGCCATGGCGCGCAATGTCTCCGGGGCG  
CGAAGGCTTGACGAATTCTTGTAGCTGCTGCGGAACCGGCACAGCACCATGCCAC  
GTGCCGCCGGCACCAAGCGTTGCAGCAGCGCGTCGTCGCCAGCACCGTCGCCACC  
GAGTCCAAGTGCCTGTTGAGCTGCTGCCGTTGAGCTGCTGCGGAACAGAACAGTCTCG  
TCGAGTCAAAGCAACTCTGGTAGATCGTCAACGGCAGTTGCCGGCGGCCGATGC  
GCCCTGGCGCAGTTGAGTCACCTCGACACCATCGCCGGTATAGATCTTGAGATTCTC  
AACCGTGCACAAATGCCCTGACCGCGTCCAGCTGCCCTGGCGGCCAGTCC  
CACCGTGGCCCGTTCCATGTGGAAGCGGGCGAGCGCTCGCCCTGGCCCTCAGCGC  
CTCGCTGTGTTCGCAGTCCACTCTGGGCGCTCGCCGTTCTCTCAGCCGCTCG  
GCATAGACCGTCATGTCACCGCAGCTGCTCGGGCGTGGCCAGCGCCTGGCCCTCG  
TGGGTCGGGGCGCTGGGCGTAGCCGAGATTGGCGATGGCTGGCCGCCGG  
CGGCTCCAGCAGCGCGCTTGCCTGCGCCATCTCCTGGTGCAGCGCCAACAATT  
GCGCTCGCGTACTTGCAGGGCTTCAGGGCAGTACGTCCAATAGCGCCAGAAGCA

CTGCATGGAACAGGCTGGGTAGGCCTCTTCGGCACGCCGGTGGCGCG  
AACTTGTAGACGTGCGGTCGCCATCGCGTACTCGATCGATTCCAGCAGCACG  
ATGCCGGCATCCAGAGGGTTGCTCTCGATCTGCTCCGCTTCCTCGCCGGTGACG  
TCTTCAACAGGCGCCAGTACGTGCCTGGCGCGCGTCGAAGCGCTCGAATCG  
GGACGACTCGCCATGCTGACGGCACTGACCACCAAGGCCTCTCGTCACGTCTAT  
TCCTTAGGTTGCGACTGCTGGCAGTCAGGTGGTCGTAGCGAGGACAGACTCGTC  
AGCCGTAGGGCTCTTGGATTCTGGTGCACACAGCCGGCACCGTAATTTC  
GTACCCGACTCCCCGAAACGCCGCTGCAGCAGATCGCGTCCGGAGTTCAAGCCA  
TGTGTGGGGCGGCCATCAGGCCGCGCCCTCGGGTTGATGTGCGGCCGCTGGCTTG  
TCACCACGCCCTGCTCGAGCAGCGCATACCCGATAGCCGATAGATTATGCCCTCGGT  
CGCCGGAGGCCACCAGGGCGCGAGGATCGCTCGCTCAATCGTAGACAGCTCATCC  
ACGCGACACCCCTCCAGCCTGCGACAGCTGGGCTCGATCAGGTGCACATCCTCTCC  
AGCTTGGCCGCTTGCAGTCAGTGCTGCCGGCTGGCAAGGATTGCTGGATCTTCGC  
CTCGATTGTTGCTCGATTGCAACAGCAAGCATCAGTTGCTGGGCCATCACTGCC  
TGCAGCAAGTGATGGCTTGGCAGATCCACGCATTGGACCGGGCAGCGTGTG  
GGTTCCAAGCATGGCGCGCGACACGCCGCTTCCAGCCGCTGTTGATGCTGCGCTGGTT  
CGATGATTGCGGTTCGAACACTCGTCTTCCTGTCGGCACGGCTGCTGTTGCTGCC  
TGCCTTCGCTTCAGCAGCTGGAGATCGCGCAAGCTGCAGCGTAGCAATGTC  
GCGCTATAAGCCGCTACTTCCGTGAGTTGCTCCGCATAGCGGTTCAATCTTGG  
GCGAGCGCCGCCGGAGTGTGATGTTGGGCAGGGTTGCTGTCGTGGCAATGAC  
CGCGCAGCGCATTACGAATAACTTGTGTTCGCTGTTCTCAGACATTGCTTCTCC  
GCTTGGATGTTGTAAGCATTGCTACTTGCTGGTTCTGACCTCGACAGCAAGTGC  
TGAGGTGCCGCGTGTACCTCGCACCTCCTTCGGTTACGACTGCGTCCCAC  
CGGGTTGCCCTCAGGCTCAGAAGGGCGTACGGCCCGTCTGTGATTGCGTAACC  
GCGTTGTTGCCCTCGCGGTCCCAGTAGTCGATCATCTCATTGCTCCAAGTGGTGG  
ACGGTCTAACGACCATGAGTGCCGCGCCAGCGCGTTGGGTTTCTGCGCGGG  
ACGATGTCCTCCGCTGCCGATCAAGCAGTATCCAATCGTCTGGGATCATTGCTCT  
TTGCTTGATGCAAGCCGGAGCAAGATGCCATTCAATTGCTCACGCATCCTCTC  
CTGCCGCTTCCTACTGGGAACGGGTGCTGAGCATCCCGCAATCGTATCGGCTGCCA  
CAACCATCAATGTTCCGAGCAATCCAGGCACCCAAGCACAAAGCTGCACTGCACC  
TCGTGCGTCCGTAGACGCCGTCACGACATGGACGCCGCGCGCTGTGCGAA  
CCATTCAAACGCTGTGCCCGCAGTGCTGCACGCTCCGGCACGCCGACACGTG  
CAGCACTCCACCTGCACAGGAGCAGCCGCCGGCACAGCGTGGCTCGCTGCT  
GTCCTTCTCGTGCATGAAAAGCCGAATCGCTGCATCGCGAAGGCAAGTAGT  
CTTGCCAGCGGTGAGCATTGCCCTGCGCATCCCCAATGTGGTCCGGCACCTCCTCG  
ATGCCAGACAAACAGCACGTGCGACAGCCTCGCGCTCCTCTCGATTCAAGCTTG  
CAGCCATGTGCGTTCTCGATTCTTGCGACTTTCGAACGGTGGACTGCCGCAACG  
CAGCTCATGGCCTACCGTGGAGCTGGCGGATCCAGTGCTATCGCGTGC  
CCTTGTGCCATCCGTCCGCTGGAGCTGGCGGATCCAGTGCTATCGCGTGC  
TTGCGGCATCGATCATGTCCTGATCTGAGGCCACAGCGGGTCGAGTCACCCA

TTCCGATGCCGTAGACGACATAGGGCGTGC CGC ATCAATCTCTCGTGGTTGATTG  
CAAAGTCACAGAGCCAGCGGAATCGTTGGCGCTCGCGCTGCTCGTCTACCGGAA  
ACCGCGGGCACTTCGGTTCGGCATAGAATCCCTGACCCGGTAGACGCCAGGGTC  
GGGATCTCCTGCCGTGATTCTGATACGGCACCATCCAGGCCTGGATCCGG  
TCGCCCCATCGGGGACGTACCAAGCTGTGCTCCCACGCTTACCGATTGACCACGGCC  
TGCAGCAAGAAAATGTCAGGCTCAATGCTGCTTCATCGGTTGCCATGTGCGTGAC  
TCGTGCTGTGTTGAAGGGCGGTGC GGCGCCCTTGC CAGGC GTGCC GCTTC GCGAG  
GCAGAACTTGCAGGTGACGGCTCGTCGGCGCCAGCGATGTTCATCCCATCGCG  
GC GGGCGTTCATCGGGCCGCAAAGCGTGGTGGTCTTGGTCATGCCATGCGCTCGAT  
GC GGGCGGCTCGCGTGCAGTGTATGGCGCGCTCACGGCGATGTCGCTGCTGATG  
GCCAGCACCGGGCGGCCCATCGTCAGCCCAGGGCACCAGGCCGGCAGGCG  
CGCGAGCTCGGCCAGCCGAGGGCATCGACGCCGGCAGTCATCCCGCGTAAGAC  
GCGCTTCACCATGCCAGTGC CGGCGATCGCGCTGGCGCTGCAGTTCTTGCGCA  
ATTGCTTGCCTCGATCCGCCAGCCCAGGGTGGTGCCTCCGGCAATGCCACCCAGTAC  
GCGGTCATGGGAGCAGCTGCTCGTCAGCGAACCCGCCGGCAGGCGAGTCGATCGCG  
ACCCGCTGGGTCATCGGCCGCTCGTACCGCGCAGGACCATGCCGGTCCGCC  
GGCACTTCTGAGCCACAAACACTGACACAGGTCTGATCGTTGCGTCCGTGGT  
GCCACCACATAAAGGCCGTGTCGCCCTGGGCAAGCGAACAGCACTGCAAGGGC  
ACTTCCGTCGTTGACTTCGGCATCATCGATCTCTGCGCTGGATCTGGCGGTGCGTC  
CATTCTACGGCTTTTCCGCCCTGTGCAATGAGATTACACAGCGTATTACGTATCC  
CATCACAAAATGAGCAACGTCCTACAATTACACCTGTATGCGTGTGATTAGGTATGC  
AACATGGTTCATGCCCGCTGTGCCGGTGGATTTAGAAGGTCGGTATGCTGGC  
TCGCAGTCGCCGGTCGCCCGCTAGGAGCAAGTCGATGGCACGAAGGCCGCGAT  
CGAGAACACACAACCGCCGCCGTTGCCGGCAGGGCAGGGTGTGGTACCCGCC  
AGATGGCCAATTACCAAGCGGCTTGAAGCACTCAATAAAAAGCGGCCAAGTTC  
GGGCTCGATGCCCTACCGTCGAACTGGCGCACGTACGCCCTATCTGCAGCAGCGC  
CGGGTGCACGGCGCAGGCGAAGAAGTGACGCTGGTCCCGTGGACCACCAGCGCG  
GCTGCCAGCCACGCCGGTGGCCTGATCGACATGCACAGCCTGCTCCTGCGCTTCC  
ACTGGTCAAGCTGGCGACTGGCACGTTGCGCCAGCTCGATGCCACGCC  
CGGCGCGCTGGTGGTGCAGGGACGTGGCGGACGATCGCACCGAGGCGGCAC  
GCCGCCGTGACCACCCATGCACTGTGAGCATTGCCACACGCCGGCAGCAG  
CAGATCTACCTGCTCCGCAACACCAACACCGGAGCGTATCAGCAAGTCGGCAGCAC  
ATGCCTGCAAGACTTCACGGGATCGACCCGCCGGCCTTCCTGCCAAGCT  
GGCCGACTTCAGCGCTACGCCATGCCCTGGGCGACCAGGCCCGCAGGGCG  
CCGGGGCAGTTGCTACCTGGACTATCTGGCGCGCTGTGTTCTGTGCGAGTCCA  
GCAGCTTCATCCCCGTCAAGCAAAGCACGGGAACTCCGCATTGACGCCAC  
AAGCGACCGAGCTCTCCGACGCCATCGACGCAATCCGCCGCTGCCGCC  
GCCGCCGGCGGGAACGTCTGCAGGCCAGGCTGCCGGTGGTGCCTGGTTGC  
CGGACGCGAGCCTACGGACGCCGTTGAAGCCAACGTCAAAGCGGTGCTGCCAGCG

ACACCATCAAGGCAGATGCCGCCACCTGGCGACCGCCGCCGGCGTGCCTGAC  
TACCAAGCGGCACCAGAGCGCGGCCAGCTGCTGCGGGCAGCTCGCTCGCGCA  
CGTGGCCACCGAAGGCAGACAAGTTGGAGCGGCCCTACGTGTCTACCAGGTGCGA  
CGATCGACTCACACTCAGGCGCAGGAACGTGTGAGCCTGGATGACGACGGC  
AACTGCTTCACTTGGCGACGGCTGCCGCCAGGGAGCTTGAGGCCCAGCAA  
CCCGAGCGCCGCTTGATGCCGGCTTAAGATCAAGAACAGCACACTTCCCAGG  
GCACCGCAATCACCGAGATCTCCCACGTCCGTCAAGCGCTGGCTGCCCTAGCAAC  
GTCTGTGGCCAATCGCAGACACCGCAGGTTGCGTGCGCCCGCAGATGGTGGAT  
GCCACCCTACCATAGACCGTGTGGCTAACACGCCGGAGCATGGTTGACAGAC  
TCCAGGCAAGTATCAAGACGACGGAGCAATGCAGTAAAAATGAGCGGCGAGAGT  
ACAAGGCCTGGCAGTCATCCGAGTGGTAGCGCCTGGTGGAGGTACGAGATG  
TTGATCAACGGCGTCGTGATGACATGCCCTGATGAGGTCAAGGATGCCGAC  
AAGATCGTCATCAATGGAGGCAGTGGCTTGCTGATGAGAACGACCGCCTGGCTGT  
TCGGCGACGTCGCACCTCAACAGATGGAAGAAAGCCAAACCACGCAATTGTCAG  
CGTCCAGGTCAACGATGACGTGCAGGCACCTCAAGAATTGCTCACGCAATTG  
GTCAAGGCCGACGCATTCAAGGTACGCTGGCAGCTAACGAAAAGACCTCTG  
TCCAGGTACCAATCAACTTGCAGAACGACACAAATGCCCTACAGCCGGCTTGAA  
ACGGTCTCCGAGCACCATCAACGAGCGAGAGCCAACGATCGCAGTCCGAGTTCCAT  
TACCCCACCGCTCAAACCGTAACGCCATCTACATCGACACCGGGCTGGCTACA  
GGCTTGAGAACGAGTGGTAGCAGCAGCCTTGCAATTGATCGTGGCGCAGATGGGG  
AGAGCTACTGTTGCGATATGCCACCGTTACGGATGCCAGCGGCTTCGCAT  
CGCTCGATCAAGTCCTCGGTCTGCGAAGACTGCGCCGATGAAGATCACCTGGG  
ACTTCACGGACAAGCGGTGATCGCAGGCTGGCATCCTATGCGCAACAAAATC  
CTAACGCCTCATCACCAAACACGGGAACCAACCGGGAGCACGACGCGATGACCCAT  
AATGAGGCCATTACGGCGCCCGAGGCATCACCGCAGCTGGTAGCATCCGCCGA  
GGTAATTCAAGGCTGCAGCGATCACATCCGCCGGCGCAGCAGAGTGGAACCTAC  
TGAGTGCAGAGCTCAACAAAGAACATGCCACTGCGAGGTGATCATCCGCACC  
GCCGTCAGCGCACTGCCGCAAGCAGGCTGGCATGGATGGAAGCGATGCGTCTAC  
GATCACGACCATCCGCAGACTCCGCGCTGCATTGGAGTTGATTGCTACGCAAGGGCC  
GCACTTCGGTCACGATGGCACGCAAGAACATGGGTGCATTGGCAGATATTGCC  
AAAAAGCATTGGCGATCAGGCCGCTACACACACCTGTCCACGCAGCCCGAC  
CAAATGCCAACCATCTCTCAACAAACAAGAACCTTCACACTGGACCGAGACCTTGCTA  
GCAAGCGCGGAGAAACTGCGTGTCCGATTGGTAGCAGCCGGATGGCGATGCCGA  
TGATCTCGAGCGGCTAGCTGCAGCGATCCGCGCCGAATGGCTACATCGTAAGG  
TTGGGGGTGCGGCCATCGCTACGACCTGTGCGCTTCTACCGCCGCTACGCCCGTG  
AGGCTGCTCTGGCGACGGGCTGGAACCGGAAGATTTCACCGTCAGCCATTCTGG  
TGATCCGCCATGAGCAAGCTGATCGCGCCGCTATGACCCCCACCTCCAGCAGGATC  
CAACGCGTTGCCAGGCCGGCAGCGAGCATCAGGTGGTAACGGTCAAAGCCAAA  
ACAGGCCAGTGCACGCTACTGCAAGCGCCCATGCCCTGATTGCCCTGGCGGGTCG  
ACGCGGTAGGCAAGTGGCCAGCAGAAGCGTTCGTGCATCTGCTGAGACGGCTTAT

GACATGGCCACGCACACATTGCGGTGCCACTCTGCCGGGCCACCTACCCGCGGCTG  
TGCAGGGTTCTCCTGCGAGGCGCAGACCACAACCTGAGCGTCCGCCCTGAGCGC  
ATGCAGGGTCGTGTGGCAGCGATGCGAAGACGGCGGGCAGATCCTCATGCATC  
CTATGTCGCCATGGCGGTGGCCAACGGGGTACCGAGCAATGATCCAGCACTACAGG  
CATGCCGAAAGCTACTCGAGGCACAGCAAGTTGAGGAAATGACTA  
CTGCTCCTGAGGGCTCTGATTGCTGAACCAACCAGGCTCGAAGCGCTACCG  
AACGTGCCCTAGCCGCTATCAAAGGGCTACGATCAACGCGTCAAGCGCTATCTG  
ACTTCGACAAGTCCGGATCATGCCGCAGGGCTATCCACACGCTTGCCCTCCGAGA  
ACGAACAAATAGCGTACTCCTGCTATGGCTCTACGTGCTCGAAGGCAGGAAAGA  
CAGCTGGCTGGGATGATAGTGTGTTAAGGTCCAATTGGCAGGCCCTATCTCA  
CTGCGTATGGTGAGCCTCAGTTGGCTATGGCGAAATGTCAAGGAGCCTGCGTGTAT  
TCACTGAGCAGGGCGCATCGCTTGTATCAACGTGGCGACGATGGCCATGTCATGT  
GTCTCCTCTACCCCTGCCTCATCGAGCGAGAGCAAAACGGTTCTATGGTGGTGC  
TCAAGGTCGTTAACGATCCTCCAATCTCTAACGATCGACTGCTCCGTAGCCACC  
TGAAGAGTCTTGCTGCCTACATGGCTGTGACCAGCTTAGATGGCTCTCCGACCATGT  
TGCAGAGGTGCCGTTACTGGTGGCTACACCTGACAAAGCAGCGCACGATGGCGGC  
GTCGTACGACCACGTCAGATAACAGGTGATTGCTGGCAAATGCTGCTGGTAGCA  
ACCGTCGCCTCAGCGGTATCGCTTTTGATTGCGCAGGTGGCCAGGAAAAG  
GATGCCGTACCCCCAGCCGTCTGCAGGCCAGGAGCGAGCAGCGCAAGAGTGA  
AGCGCAGCTCCGAGTGCTGGAACAGATCCGAGACACAATGGCGCATCTGCTCAA  
CCCGTGCAGGCCATCGCGCCAGTGAAAGTATCCTCCCCAGGCGGCCAGCGAG  
AATGGAAAATAATGCTCGCATACCTACCCCTACCCGTTCTGAGGAAAAGCGCGACGA  
CGCGCTACAGGCATTGGCGCTGCCAACCGGTGAGCATTGCCAGGCATCCCTGC  
ATCCAGACCCCTGCGGAGGAAGTGATCTGGGAGTGGATCCCTACGGCATGGACTGC  
CTTCTCTCCGCCGGTGGAAAGCGGAAGATCGAGTTGCAACTTGCAATCACCTGGCG  
GAGAGTGTGCACGCGGGTACGCACCGTGCCGAACTAACCTATGACTTCTAAGCAAG  
ACACATCAGGGCGACCAGCAGCAGCAGTTGAGGGCGCGTAAGCGCACATATGCA  
AAAGTCCCCCTCATGACGCCAGGTGAAGGGTCCCAGTTGCACTGCTCCAGAC  
GCCCTCGAACGATTGCCGGCGCCGCACCATGGAAAGCTGGAGCTGACCTGC  
CTGTACAGGTTCCCGCGTTCGAGCTCACACACGAAATCCAGCCGTACGCGGACAACAGC  
CGCAAGTCTATCCGACCGATTGGCGGACTGGATGCCCTCTGCTGAACAGTGAT  
CGCGTGTGCATGCCAGTTCAACTCGATGACCTCATTGAGTTTGAAACAGTCTGATT  
GCAGCAGGCTACAAGCGCTAACGCTGGAGCATTGCTCTCACCCCTAACGCTGCC  
AGTCGCTGTGGAGCTGCACCTGCGCAGCGATACTCAATTCCGGTGGTATTGG  
CGACAACAATGCCCGAGCAGCTCACTGCGCGGAAGCACCAGGCACCGCTCTGAA  
TATTGAGACCGTCGACGATGCGTGAAGCTCGAACAGTGCCTCAGGACTTGCCGG  
GCTGCTCGAGCTCGCAGATGGCTATGTGGCGGTGTCCTACGATCTACTAGGACG  
CGCCTCAGAGATGGTGCAGGTTGCGGTGGAGCGATGTTCACTCGCGCTGACGTGGA  
GGCGGGAGCGACATGCACCATCTTACGTTAAAAACGGACCAGCAAGGCAGGCCGGCG

TCACGCTTACCTAACGCCCGTCGGCCAACTATTGCTCACGTGGCAAACGCAAC  
GTTGATCGCTGAGAAATATCTCTGCCAGCTCGCGTCGTGAGTACTAAACAACC  
CCTACATCTTCATCGGCTACCTCGACATAGGTTTCGAGCCGGCTCCGGCTGCAG  
ACGCCAAGCGGTTGCCTGGGATACGCATTATGTGTGCGTGAAGCTGATCGAATCA  
TCAAGCGAGCTACCGGTGAACAGTTATCGCTCATTCTGCAGCGTCGGCGCTGC  
AGGACATGACGCGGCCGGTATGGACCTAGCAGCCATCATGCAGGCTGGCTCGGTGG  
AAGACGCCAACGATGCCTGCTCGTATGCAGAGAACGAGCTGGCTACACGGGCCGG  
TAAAAACCGGAGAAGGCACTGGCAAAGCTACGGAGCAGCTGACCACCATCCTG  
CACGTGCGGCTGTCAAGATATGCACATCGCTGCAACATATTAAAGGAGCAAAGAT  
GCTGACCAACGAAGGCACACATCAGCTAGCCAGAGTCGGGGCTTCGACGCC  
GTACCGCGCTAACACGCTCACCCGGTTGAGCACAATGGACTTCGGTCTTGC  
GCTACGACCTCACGACTACAAAGTTGCGAGTGACCTGGAACGTACCTGCACAGTGC  
CGGATCCAGGTTCCCGAGCCCATTGAGTGAACCTTGGCCCGCTCGCTATCTG  
AGCGGCATAGCACTCCGTAGGACATTACGAAAGGGATCTGGAGAACCAACCGTC  
TATTGCCAGCTGGCAATTGACGGATGTGGACGAGGACGACACTGAGCAAGACC  
TAAGCCAGACGCAAGCGACGTTGCACCTGGCACTCCTTCGGTCCAGATTGAG  
GCACGACGGTGAACCATCGGCCACCGATAAAGGAGCATGCGGATGGCGGAA  
ATGCATTGAAGACGGTTGCAACTCACCATTACGGCCCGAGCTACCGTCAGCTGG  
CTCGCAGGTATGGACACGCTGCAAAGCGAAAGCGGCTCCGGTTGAGCTCG  
CGCAGCTCGGCCAAAGCCATTTCGGTATGGATGTGATGCCGATCGCAGC  
ACGCTGCCGGGACGTGGCAGCGCTGATGCCACCTATTCAACCCACACGAGGT  
GGTAGCAACGGCAATGCTGAGCTCGATGTAGCCGTTCCAGGTTGATCTGGT  
GTGTGTGCCGCCAGCGAATACGACACCGCCCGACTACTTCGCTCAACGATCT  
GGCAACCTATGGCCGTACCGCTCACAGAATGGATTACGTATGCCATAACG  
GGCTCGCTACAAGGTCCGGACGGCAGTACCTCGTGGCGATCTTACAGTTACA  
ACCGAGATGCCAGCAGCTTCGCTTCGGCTATGACTATGCCGCTCGATCAA  
GGCTCCATACCCCTGGAAGAGGTATTGCCCTCGCTGCCAGCTCTGCCACTTCAAT  
CCTGCCCTATCCACTGGAATCCCGTGGCACCGCGACCGCGTTGACCAAAAG  
CGGCAGAACTATCGCCTCTTCTGAATGGCTACAGACGGCTGGTAGCCGAGGA  
GCATCAGCAGACCTGCAGCGAACACCACCTACAGCGGGACTGAAGCAATTCCC  
TGCTTCGCGGAGGCACCTCGCAATCCAGGAAGCGCTGCCGGAGCACGTC  
CAAGCAACTATTCAATGCCAGATCGTGGCGAGCTACCGATCTGCCGCTTGAGGGCGAG  
AGCTCGGGCAGCTCATCGTGAGCTACCGATGCATATCCGGTGGCGTGC  
TTTGTGCTGGCTTGATCAGTTGCAAGATCACGATCTAACGCCCTACATCGTAC  
ATCGAGCAGGTTGCCGCTGATCTGACCTGCAAGAATCAAAGTGT  
CATCCGTAGGCC  
AAAACGCCACTCTGTAACGTGTGCACTGAAAAACGGGCAAGCGATGTCAAAG  
TTTGGCAATTCAAATTAAATTGACACCACCTGAGCGAGGAACATTATGTC  
GACCGAA  
CCACGCCCTGATCCGAAAAACTACTCGATGACTCAAGTC  
ATTGATCGATCA  
CTCTCCAATTGCCGGCTGCCGGCTCCGCATGTCTACCGTACACAGACA  
GATTCCCTAAAGAAGAACTTGGCAGATTGAAGTATGCCGATAAAACCGCCTATGA

GGACCTCACAGCGGCTAGTAACGAGGTATCTAAAGACGGTCTACGTACGACCAGC  
GCGTGAGTAAGTGGGAGAGCCTGAGGCAGCGGATCTACGACCCGGTAGACGA  
GCGAGTCAGTGAGAAGGGACAGTTCTGTCATTGCCAAGTCCGTGAAGAACAA  
CCCGTTAATTCCGCTTGGTGGATGGCACTAAATCGTAATCAATGCCGCCGTAC  
GCAGACCATTGTCCAATCACACATGCTCGATATCTCGGCCCTGGCAAAAGATAT  
CGGGAACCTTGCCGACTGGGCCGGTAGCAGTCGCTTGTGGTAGCAGTGCAGT  
CTTCAATTGAGCAGGGCTGCGAACGCTACGGCTCGTGGTAGCAGAGGGACGGCTGCTCTG  
ATCTATCTGAAAATGAATTCCGGCAAGCCCTCACGGCATTGGTACGCTGGCTACG  
GGTCTTGATGTGGTGGCATGACAGCTTCATCGACAGCGGTTACGCACGCACACAG  
TTCCTATCAGAACGCCATGGCATTGCTAAAGCTCAGCCCGAGATGTTTACCGC  
TTGCACGTGCTCGATAAAGATGCACATGACATTGCCGAGTCGTAAGTGGCTTG  
TCAGTGTACAGCAGGCAGCAGCGGAAGCGGCTAGCATCGATCTGTCAGAGACC  
GCCTGGAGTAGATGGCGCGAGCTGGAATGAGTTAGGCGAGAGACCTTGTCCGAGC  
GGTTTGTGTTGCTCGCAAAGGAGCGGCAGAGATGCAGGTGATCCTAATTGACTTA  
TCCAGGAGGCCGGTTGCTGCCAAAGTCGTCGCAGGAGCGAACATCACACGCTTGAG  
AACAAACGCACGAGGCCCTCGACCGCGGGCTAACAGCGATAAAACACGACAGATT  
GTGGCGCAGCGCTCGAACCCGCTATCGAGGCAGCGAACCTGCTGGCACCAAGTC  
GGATATGCGCCAACCAGCGATTCCCTAGATCGAGGAGGGACGCTAACGAACCTG  
TACGTACAGCGCCACCACGCAGCATGCGATGAACGATGACGCAAGAAACAAAGC  
ATTCATCGTATGGTCCCCTAGGAGCCACCGCTATCCAAAGCCGACCGCTGAGCG  
AGAGCACGAACACGTGTGTTAGGTACAGCGAGTAGGACGCGTACCCAACGCTGCG  
GCCCAACGGCTCACTGCCACCAACCCCGAGCTCCAAGCGCGAGCTGCTGCCAG  
CGTCAACCGCGATGGAATCGCAAACGCCAGTGTGCAACACCGTGCCTGTCCGA  
AATCGGAGCGATTAGCAAGGTCCATGCAGCCAGAAGCGCCAGCGAACCCCTGCG  
CAAAGCGCAACAACACCTTGTCTGGGCTCAGGCTCTCCAGAGAGATGCCGCTGC  
GGCGCCCGCTATGAACCTAAACGCCAACGGACTAGTGACCAACTGCGCCCAAGGTC  
CTTGGACAGGCACCCACTGCAGTAATGCCAGCGAACCGCCAACCGCACAACATG  
AACGGGATGTTGCGCTCAGAGCGAACGGCAAGCGCCATCGCAGTCATGAGGTAAA  
GAACAGCTCAAAGGTGAGAGTCCAACCCACTACAAGTAGCGGTCCGCCCTGAG  
GAAGCAGAAATAAGGAGCGGATTAAGCTCGATCGAGCAGAGCTGGATCCAGCAGA  
CCAGGCCTGACAGACAGCACGAGGGCGATGGCGCCGGTAGCACAACCAGTAGAGAG  
GGAAGATGCGAATGAAGCGCTCGCCAAGAAGTCTAACGCCCTCTGATCGCCG  
AACTTGCCCTGAGCTACCATTACCATGATGAAGCCGGAGATGGCGAAGAACATGTC  
CACACCCGCAAATCCAAGATGGCAAGGCCAGAATTGTATCCCTCCACCGTA  
CACCCACCTCAGCGTTGATGAGGTGGTAGACGACGACCGCTGCTGGCAAGAGCGC  
GCAGAGCTTGAAGCGATTGCGAGCGGACGCCGGTTGCTACTCCATGCACAGTTGTC  
TTAGTCAGCGTAGTGGCAAATTATCCCTGAATCCACCGCCAGTTGGAACGCCACAG  
TCACCTTGTGTTGGAACGCAGCTGTGGATGTTGCTCGCAAACGTGTTGGACAACCC  
GTGGACCGGTGTGGACGCCCTAACGCCGACCACGCCGGCCACCGGTTGCCACA

CTCACCCACAGCAGGGCAACAGAGCACCGCCACGTTGCTCTGAAGAGGTCTGTACA  
AGGCAATCAGCAAGATAAGCGAGCGGTGCACCATGGAGGTACGCGCCTAGACGGTCT  
TACAATCAGACCGGTGCAGCCCAACGGCAATCCAACCTGTGCGCGGTGGCTGCA  
CACTTGCACTTGCATTCCGCACGAATGCGAGCAGCAACTCTCGCGATGAACCGG  
CACCGCACGCCACGATGTCCAGCTTACCTGGCCATCAGAGATTCCATGCAC  
AGTGATGGTCACATGTTCTGTGACCATTAAGTGCAGCCCCTCGGAGGTGATGT  
GCCGGGCTCATGCGCGCCAGGCCAGCGATGGTAAGCGTCGCTCGGCCTCGACGGA  
TCTTCATGACGGTCACGGAAATAGTATCCGCATCACAAATGGATTGCTTCTTCC  
GAGTTAGGATCAGCATCGACAGCCTTGGATGCGCATTGTTGGCCACATATG  
GCAGCTTATAGCCTGTGTTTATCCTAACGAATGTGGCCGAATACGGCAAGAGTC  
AGACCCAACCCATCTGGGCTGCGTCACGTTGGCTCCCTGTGACGCTCGATAC  
CAGAATGCAGTCGTGCTCGCTGCCCTCGTAGCCTGCGCCAACATGCCCTACCG  
CACTCTCTATCTCTAGGAGTCCGCGGGCTCACGCCGGGCGAGCGTCCACAACCTG  
CTAGCCAGGCCTGCAGCTTCTGAGCGCGTCATCCTGTTCACTCGAGGCCATTGCC  
GTTCTGGAGTCGAGAAAGCGCGCTTCAACTCATCAGCGCGGTGAAC TGACAG  
CCACGCCTCGCCTACTTGGACCGTCTGCCGTCTAGGATTCCGGCCTGTCGTG  
GTGGTTGTGCTGGAGCCGAAGCGCCGAACCGTTGATGTTCACACGCCATGCT  
CCAGCAGCATGAGCGCTACCAACTCTGTCACTGTATCTACGATGGAAC TGCTTCTG  
CCTGGGTATCGCGTGACGGTGCACGATCGGGATGCAAGAGCGCTTGTATAT  
ATCCGGACTCCTGGTTACACCCCTGTGGCCCCGTTATATGCCGAAGTGCCTGTTA  
TGCAAGCTGAAAAGACCTTCCAGCCATGATCAAATGGACCTTTAAAAAGATTTC  
CTAACGTTGTTGCGGCACATGTGGTTATCGCGTATTGTCGCTCCGTCCACCAC  
CATCGGAGAACGCAATGCCCGCAAGTCTGAATGTCGGGTCAGTCATGGTTTCG  
TCGCCAACGAGCCGCAGCTGCGCCAGGCCAACGGCACGCCGGTAGTCACCTGGTC  
GTCATCGAGAACGAGTACTGGAAGGATGCCGAAGGCACCGCAAGGAGCGTCCCA  
CGCACACTCCATCGCGTTCTGGGGTCCGTACGCCAGACCGTCAGCAAGCTCGTACA  
GAAGGGCTCTACGTCCCGGTGAAGGGCAACCTGCGCTACAAGCCATCGAAGGCC  
AGCAGTACGACAAGGCCCGAAATCCCGGGTGTGATGATTCTCCCTGCTGGACGAT  
CCGCGCAGCGCGCGAATCCCCGACTGATCGTTCCCCCTCTGCCCTCTCCGC  
ATCCCCCGGAGACGCAGTGCCTGGCGGGCATCCCCACTGCCGGCGCTTTTT  
TTGAGGTCTTGATGGTCACTGCGCTGAATGCTCTCCCGTGCCTGTGGACTCTGA  
AGCCCATGCGATCTGGGTGCATATCCGGGGCGCGCGGGTAAAGAAATCCGGCC  
AGGGCGCCGCATTCCGCCGTGGTGCACGACTATGCAGGCCCTGCGCCTCC  
ATTCCAACAGCCCTGGCGTCCATTCTGCTCCGCCAGCGATGACCAGGCCATTA  
AAGTAAGCCTGATCCCGCTCGGAAGGATTCTCGATAAGACCGAGTTGACGGCCA  
GAGTGGGATCGGCTGCAGAAGCATGGACTGGATGCGTTCTGATCGAGGCCATCG  
CACCCGGCTTCCGCCGGCCATGCCGCATCTTGGAAAGCACCTGACATGGGCC  
GTCCCGCGCCAAGCACCTCAAGCAGGGTCAGGTATGGGTAGCCAAGACGCCACC  
GGCCGTTCAAGGATGCGCCGCGTGTGCGCTGGATGACAGGGTTGTTACTCG  
ACTGGCTCGGACATCGTCCATTGGTGCAACCGTCGCCCTCCAGCTGGATGCC

ACGCATGGGGCAATTGATCCCGGTCTGTCGCAAATCGCAAACATCTGGACCCA  
GGCCCCCGAACATGAGCCGAGAAGCCCTGCTGTCCTAACATGACCCCTGACTGG  
GCGGCCGCCCTCTGCTTGGAGCGGTTCTGCCAGATCTGGGTCAGATGACCTGGTC  
TTCGAGCCCACCTGCGGCCGTGGGCCTTCTGCGCGCGTACCACTCCACGTGCCG  
GCGGTGGGCATGGAAGTTGACCCAACGCTGCTGCGTATGCAGCTGCAACCACCG  
CCGCGCGGTACTGGTGGGTGACGTGTTACGGGATCCACTGCCAGCGGAATCACCG  
CAATAGTTGGCAATCCGCCATTCCGCGTCAGCTCGTCAACCAGCTGCTGGCAAGAG  
CCCATGGGCTCCTGCCTGAACATGGCGTGTGGCATGCTGCTGCCCTACTTCATCT  
TCCAGACCGCGTCGAATCTGAAGCGATCGCGCGTACTGGTCAATTGAACAGACC  
ATGCTGCCCGCAACCTGTACCCACGCCCTCGTCATCCGCTCTGCTTCGCTGTCCCTGA  
CCAAGGACCCCCACAAGCGCCTCGTGGGCTTCGCACTGTTATGAACACTGGCTGCCG  
TCAACC GGCTGCAGCGGCCTACAAGCAGCTGCTGCAGGAGGGCGTCGGCTCTGTC  
TGGACCGCCGTAGTGCAAGCCGCTTGGAGCAGCTGGGGGCACAGCCACGCTGGC  
CGAGATCTACAGGGAAGTCGAGGGCACC CGCCGACAACGAATGCCCTGGTGGCAGG  
CGAAGGTCCGCCAAGTCCTCCAGCGCTTTCAAGACGTGTCGCCCGGGTACGTGGG  
CCATTCCAACACCTCATCACCGCCAGTTGCCATAACAAGGAGCTGCATCCATGC  
GCAATATTCTGCTTGCCACCTGCCCTATTCTCGGTGCCGAGCGGACCAGCACATG  
CAAGCGAGAACATCTCGTGCATGTAAGGTACAACAGGCAGCCAGGTGCTTGT  
GATACCAACTGCTACCACGCCGGCGCCGGCGCAGGCGCGTGGCAGCGA  
CATCAGGTACGTGAGCTGACAACGGTCTACAGCCGCGAAACGCAGTTCCCTGG  
GGGCAAGAAGGGAACGCCGGTGGACCTGCCGCCGGAGCGTACCTACGCCACA  
CTGTCGACGGCGTCGACATCACCGTGTACCCGGAGCCGCTGGCGAAGCTGCGGT  
TCGCCGGACAAGGTGCTCCTGCGCACGCGCGTGTCCCTCAGCCGCTCAATGGAATG  
GAGCACACCGCGAAGGGATGCCGTATTGACCTGCCCTCCGTGCAAGATTCCGC  
ACGCAATCCAACACTGTCGTCGCCCTGGGCTCCCCCAGGTATCTCCTACAAGTCT  
GCAGGCGATGAAGCGGCCGATGACTACCGCATCGAAGTGACTCCCAGCACGCCAA  
GGCCCGCTGACGGAGAGCACACCATGGCTGATACCGCGCCCAACTCGACCTGTT  
CAGATGGACCACGTGCTGCAGGCCTACGAAGGCGGCAGCGTGGTGACAATAATGA  
GCTCTACGAGCACGTACGGCTGCCGGCGTCAGCCAACAGGTAATGGAGGGCGC  
GTCAACCGATGGCGCCAGCGGCAGCATCACAGCGTTGCAAAGCGACCGTACGC  
TGGATGCAGCAGACCGCTGGCGCCTCGGGCTTCTTGAGCGGGTCCGGCGCGCCGC  
GGCGCCTGGCGGCTGACTGAAGAGGGCAAGGCCGTACTGGCAAGGCGCGCCGG  
CGTTGCCCTGCTCGCGTCTCGACCGACCTGGCCTGCGATATGGGGTAGCTGGGA  
ATCGGTATTCCCTCGCCTCGACGAGAACAGATAGTTCTCTGCCTAACGAGCCCACATA  
TCCGCTACGAAAACCGCGGGCGTATGGCAATCCGCAATCCATCTACGTTGACTT  
CATCGTCAAGGCGCTAGAGCGATCGTCCGAAATCTGGCCAGGGCGGCTCCATCG  
CGCTCAATCTGTCCAACGACATCTCGAGGCCGGACTCCCTCGCGTGAGCTGTACC  
TGGAACGGCTGACGCTCGCGTATGCGATACCTACCGCCTCCACAAGATGGACACC  
CTGATTGGTCAACCCGAGCAAGCCGCCGGCCGGTGCCTGGCCAGCATGAC  
GCGTCAGCAGTTGAACGTGTCCTGGAACCGATCCTCTGGTTGACGAACAATCCGCG

TAACTGCGTCAGCGACAACCGTCAATCCTGAGCCGCACAGCGATGGCACCAAC  
GTCTCATGGCACGCCGGAGGTGAGCATCGCGAGGCCGTAACCTCGACGGCGCTAT  
CGGATTACCAGGGCAGTTATGGCAGGCCAACCGATGGCGTATCGCGCGAACGT  
GCTCATGCACGGCACCGCTCGCGGGAGGCTCAGGCCTGTAACCGCTCGCGGCCG  
AGCAGGGCTCGGCCACGGCCCCAATGCCGCTGGCGCTGGCCGACAAACTC  
GTGCGCTTCTTAGCCGCCGATGACCTGGTCGCCATCCGTTGGCGGCCGCTC  
ACCACAGGGAAGGCCGAACAGAACAGTCGAGGTGGATCTGCACCGAGCTGAT  
CGCCGACCACCTGCATTGGCCCTTCCACGCTTCCGCAAGCAGTGCCTGGCCCCTC  
TTTCTAACTCGGACCAACTCAATGGCATTCTCCGCAATCTCACGCTCTCCGCTT  
CCTACCGCGACCGATTCAGCGAAGTCGACCAGCAGCTCCTACCGGCCGTGGCCTCAAG  
CCGGTCGGACCACGGAGATGAATTGGCGGGTTATGTCTCCCTGCGAG  
GAACAGGTAACTCTGTCCCATAAGGTTGGGTGATTCCCTGTTGGCTCACCGTTGGGGC  
GAAGACAAGATCCTGCCGGCTGCCGTGAACGATGCCGCTGGCCGCAAGATCTC  
AGAAATCGAAGCGAAAGAAGGCCGAAGCCGGTGGCGTGAGCGCAAGCGCATC  
AAGGACGACCTGATCCACGAAC TGCTGCCGTCGCTCGTCAAATCGTCTCGTACC  
GATGCCGCTGGACCTCGCAATGGGTATATGCCGTTGACACCTCAGTCGCAAG  
ACTGCAGAAAGCGTATGTCCCAGATCCGTTGGCTGACCGGATGGATGCCGGCGA  
CCGCTCCCTGAGGGACTGAGCCTGGCGAGGAATGCGAGATGAAGGATCCGGTCG  
AGGGTGGCGCAGGGTCCGCTGCAGCGCGCAGGAGCTGCGCAGCGACGAGATCGAC  
CGGCACCTGGACGCCGGCAAGCAGGTAAACAAACTGCCATGGTGTGGACGACCA  
TCTTCGTTCTGGCTGGCGACGACCTGGTCATCCGCAAGCTGAAGTTCTGGATGG  
CGCCCTCGACCAGCTGGAAGAGGCAGACCAGGACGGCCTGAGAGCGGAGTTGACG  
CCCGCTTGCCTGATGAGCGGTGAGCTCCGCCGCTGTTCTCGTGCTGAAACCG  
CCTCAAGCTCAGCGCGCGAGGCATGAGATGAGCGCTCTCGCACGGTTCTGGA  
CATCCCACGCGCGGCCGACGACTTGGAAACACACGCTCGCACTACTCGACG  
ATATGCCCGGAGATCGACGCACTGGCGATATCAGCCGAACACTACGCCAGCTC  
AACCACAAGCTCAAGCAACGCAAGCTCCAGGACATCCACCTCAAACACTACGTGACAT  
GCGTACGACCTCGCGACGCGTTGTGCCCTCTATCAAGGAGACCTGATATGCCA  
ATCGCCGTATGGCCCACCGGTGACTGGTGTGAGGTCAAGGAGTCTGCCAGTTCA  
CCAACAGAACGCATTGGGTGACGACTTCGCTGTACACGGCTACAACCGTTGCCAC  
CGCTGAACGCATTGCAGCCAACGTCGAAGCTGCCGCCCTCCCGCTGCATAGGG  
CAACCATGAATGCCCTCGCACTTCCCTCTCACCCTCTCGCTGCCGCTGCCG  
CAACGACTCGACGCCGAACGCGAGCTGGCCTGATTGGCGCAAGCAGCTGTCA  
GCAAGCTTGCGCCGACCGGAAGGTGACCGCGCTGAACGCGCAGCAGTGCCCGC  
CTGCTGCAGGTACGGTCACGGATCCCAGGTATCTACATCTCGAGAACGGGCA  
ACACCTGCTGCCGGCAGATCATTGAATTGCCCTCGAAAGACAACCTGACCGAGC  
GCGCGACAAGCGCCTTGACAGAAAGATGCTGCCGAGCTGCCGCCGGAGCGCAG  
ATCGTTACGCCGGAGGATCCAAGCACACCGTGACCGTGTTCACGGACGTTGAC  
TGCAGGATACTGCCGGATGCTCCACGAGCACATCCCCGACTACAACAAGGCCGGCAT

CAGCATCGAGTACGTGCTGTATCCACGCAGCGGCCCTGCAGTCACCGACGTATGCAA  
CCTCCGTCAGCGTCTGGTGCAGCGCAGGATCGCAAGCAGGCCCTCATCGTGGCCTCAA  
CCGGGGCGAACTTACGCCCGCAATGCACCAATCCCGTGGCCGAGGACTACGCC  
CTTGGACAACGCTTGGGTGTGACGGCGACGCCATCTCGCCGAGGACGGCCG  
TCAGGTGGCGGCCCTTGCCGCCGGCGCAGCTGCTGGCCGTACTCGACGGCCGGC  
CCAGCGAGGTCCGACACAGCATGATGCGCAAGACGTGGCGCTGCTCGATTGGC  
GGCAACCCGGCAGATCAGCTGGTACAGCTTCGGTGC GGCTGCGGTGACGCAA  
TCGCCGTTGCGCTGGTGGCGGGTATGGTGTGCGACCCCGCCGTGGAGGCAC  
TGTCTTCGAGGTGGATGACAGCCATGACGCATAGTCCACGGTCCGGAAGAAGA  
CCGACTGACCACGATCGCGCCGGCATAGT GATCGCGCTCTCGATTGGAGCTGGCA  
GCCTCTGGCATTGGCTTCAGCCCCGCCCTTCTGCCGCCATCGCGGTGTACACGG  
CCATGGCCGCTCTCTGCATTGACCGGCACCTGGATGATCGTTAGCGGCCCTCGT  
ACAGCGCCCAGCCTCCGGCGAATAGATGGCGCTGGTGCCAAACATGGCGCCCCA  
CCATTGGGGCGCCTCCGAAGTTCACTGCTCATCCTTGCCTGCGCTGTCGAGAAC  
CAGCCATGCGCGTTCCAATGCTTCAACACGTGATCACCATGCCTGGCCAAGTAGCG  
CTCAATTCTTGGCGGCTGCTTGCACGGGAATGTCTTGTCA CGCGCACATC  
CACCGCCAGGTCCGACACAATGTCATCACGATCCACCTGGGCCAGTAGCCAGCGAT  
GGAACGCTGATCGTATTGCTGATAGGCCAAGTTGAGGGCCACGGCCTTGCTGCCA  
GCAAATTGGGGCATCCTCTGGCGGCTACGGCTCCGCCACACTGTGCCGCGCT  
CGCTCCAGCGCTCGATCGAGTCTAGGTATCGATCTCGTGGACTGCCCTCGATGCA  
AGCGTCATTCTCGAAATGATCAGGGAGGCAGAACGAATCACATCGCGCAGTAA  
TAGGTGGAGGGATCCTCCTCGTCTGGCGCATGCAGGTAGTAACGGATGGCCGCT  
CGCCTTATAGCTTCTTGGTGGCCAGCTCTGGTCGACCAAGCTTCTAGCTGACGCTT  
TTCGACAATAGCGACCAGTTCGA ACCATGCGCAGTAGCAGACCTGTCTAGGGC  
CTCTCGTGCATAATAGATGTTCGCGACAAGCTTCTAGCTGACGCTTGTAGCG  
GGT GATCTGTGCCGGAGAAAGACTGTTGCCATGACTCAATCTCAACGGTCGCTGCA  
AGGTCGATGCGTCCACACACCAAGCCAGCGCGACCTCTGGAGGGTCAAGGGGGC  
TTGTAAGAGCCACACGCTGTCGATTGACTTCGCTTGTGGACGGCGGGCCCGCG  
TAGGGCCGCAGCCAGCTTACATCGGGTCAGCCTCTGTGCCAACGCCGCAACAGCG  
TCACCAGGCTTCCAATAATGGAATGTCGGCGACCAAATGGAACCTCCCTGGACT  
TACGATCCCCTGCCGACCTTCGCAACTGGCTCTACACCATAGTTGTCCGCACATGC  
ACCAACTATGGTGTCCCTACTATGGCAGTCGCCCCATCATCTTATTGATTGAT  
ACAATTGTCGATGAGGGCCTCGGCTGGCGGCCAACATGGAGACCCGCTACGAC  
ATATGATAGTCGATGAGGGCCTCGGCTGGCGGCCAACATGGAGACCCGCTACGAC  
GCCTGGCTGCAGGCCTCCCGGCCATTGCGAGATGGCGCTGCACTGGAGACCC  
GGCGGGCATGACTACCTATACCGAATCATCGATAGCAAGGGCAATGGTACCTCGCT  
GGGACCGCGAAGCCCTGCCACCGAAGCAATGATGGAGTCGTTCAAGACGCCAAGC  
TAACGGTTCAGAACACGTGGGCCACCTTGGAGCGAGAGGGCAAGATGTACCGCTCC  
CTGCGCCTCCCTCGCATTGCATCTATGGCGCCAGGTTCTGCGAGAGCTGGACATC  
AGCGGCTTGCCTGGTACTCGGTACTGGTCGTTGGCACAAATGCTTTGTGCGTAC

GCGCTCGAAGCTGGCCAGCTGCTGAGCTCCACGCTCGATGCGACAGAGGACTTCGA  
CCTGACCTGGTCCCGCACGTCAAGCAACCGGCCGGCATTGCAGGCCCTCGGT  
ATTGGCGTGCTGAAGAGCGTCGACAGCACCTACACCATAATACCGAGCGCCCGTT  
CCAGGCACGCAACTCCCACGGCAACGAAGTGGAGCTACTTATCGCTGAATCTCTGG  
CGGGCCTGCCGACCTACGAGCGGCTCCGGCCATTCCGCTGCCAGAGCAGAACTGG  
CTCTGCCGGCACCGTATCAGCCACATCACGTGCCATGGACGGCCTGCCGC  
GCGAGTTGTCGCCCTGATCCACGCTGGTTGCCTCCACAAGCTGTGGCTGCCGA  
CAAGGAATCGCGAACGTGCTCAAGAAGGGAAAGGACCGGGAGCAGGGTACACT  
GTGCTGCACCTGGTCAATGACCATATGCCCACTTCCCTCTCGATGACGCCGTTGAG  
GAETCGCTGCCGGACGAGCTCCGCCGTACTTGAAGACTGGAAGCAGGAGAACGG  
GCTAACGCCACCAGGCATGCGCTAACACGTCCTGGCGGCCGCTGTCAAAGCTTCC  
GTTGCGCCGCCAGCTCCACCACTCAACGCCGTTATCCGCCAGCTGTTGATTGCAG  
CACGCACCTCTCGAGCACGCCGGACATCTGCATCCGTAGCAGAAATTCCGCCAC  
AGAAGAACTCGCGAAACTCCACCAATGTCATCCAAGCGGATACGATGGTGCAGGCCT  
GCCTCATCCTCGCTAATGCATTGCATATCGGCTTCCCATTGCAAGGCCACGCACAT  
CCATGGCGGCCGTCAAGAGCGCTCGGGCGTCAGCGCCTGACAGGTGCAAAGCGTCG  
ACCGCATCAACCCCTGCAAGCATGCCCGCTCAGGCAGGTACTGCATGCCAC  
AACCGGCAGCCTGCATCAGCATCCATATCGTCAAAGCTGCCATCCATGCCACCT  
TTGCATACTGGAGAATTGCCCGTACTCCGGTCTCGCTCCGAAATTGGAGGCAT  
CTTCCGGATCATTGGATGGGGCGTCCATGTTCAAGATGGCGTTGTTGGATCCTCAA  
GTAGATCATTTCGATGCCGCCTATGCTGGATCAGTGCATCGCTGCTCATCAAT  
TGTGCCGGCGAACAGGGCACCAAGCAGCGTACCGACTCGCTCTGCTTAGCGCC  
ATGCGCGATCTCCGCTGCTTTGAGCGCATTGTCACGGCAGCGAGGCAAAGC  
AAACGATGTTGCCCGGTCAACGTGTGGCAACCCCGCAGCCTCGTGGTGCAGCGA  
TGAAACACCGAACCGTAGGCTCGCTCTGGAATCGATCAATGCCCTGCTGCTTACGGG  
CCTTGGAAATGCTTGCACGGAACGTCACCACTCAATGCCCTGCTTGGCGAACTCCT  
CGGCCAGGTAGTCCACCGTGTCCGGAACTCGCACATGATCAGCGCCTGTCAGCGAAG  
GCTCAAATCCGGCGATTGTCTCGATCAGCCAATCAGCTTCTGACGTTCCAGGTACT  
GCCGCAGCCGCCAATCTTGGCTAGCGCGGTGAGGCTGGGTCTGCCGCATGCC  
CGGTATTCAACGCCCTGCGCACCGGAAAGCTCCAGGTACCGAGGCTCCTGCACCTC  
GCATCCAGACCGAGGACACTCTGGGACGGCGCAGCATCCATTGCAACCGTTGC  
GCGAGTAGCACTGGGCCTTGAUTGCCGGCGAACACTCTTGCAGTGGCAAGTCGCCGC  
TCCATGTCGCCAGCGGGTCCCCGACAGACGCAAGCGAGCGTGTGCAGTCCACAAT  
CCGGTTAGGATCGCGTAGCCGTAGCAGCATCGGCCGGCACCTCTGAGCGA  
CCAGGAAGGCATTGAGCGTGCAGTGCCTGGATGATGCTGTGGCTTCAT  
CGAAAACCACGGCCGAGGCAGCAATGACGCCATCGGTGATGCCCTGGACGATGACG  
CCAAGCTTCTCGTAAGACGCAATCAGCCAGTCCGGCTCCGATGGATGCCCTTTG  
TCCAGGATGGCAATCTGCGCTGGATCCACGCCAGGATCTCGCGCAGCAGTTG  
ATCAACAGGCTGGCCGGCGACCAACAGGCGCAGCCGGTCCCAGGCATCAGGTG  
CAGCGCGGCCGCGACTGCCGACTTGCAGGCCCTGGTCTGCCCTGGCAAGCAGTG

CGCTATTCGCGGCCAGCAGATGCAGGATGCCGGCCGGCTGGTATCCAGTAGCGAC  
ATCGAGGC GGTCGCTCAGCGAACCACTGCGGATCAACATTCTGTCGCTGCAGCGGC  
TGCAGGACGATGCCAGGC GGCTTCCTCGCCCTCCTCATGCCGCCCTGCCCGC  
TTCACCTCAGCACCGGACACGTTGATGGTGGGGCGCTTCCGCCTCGTAGCCACCA  
CTGGTGCGATCGATCGAATCTGCCCTCATGGATGAAGACGTGGCCCGAAGCAC  
GCCTGCTTGGCGCAAGGTCGCTAACAGCTGTTCCAGGCTCCGCTGGACGTACCA  
GCCCTCCTGCTGCTCAGAACGCCGGCCAGGGCGCGTAGACAGGACACGACCA  
GGGAGTCGTACCTCGTGTGACCACATACCCGCCGTAGCAGCGACCGGATAGATC  
TTGACATCGAGGTCCGGCGAACGCATCGACTCCGGGACAGCAGCGCTGCAGC  
GAGCTGCCCTGCGCTGCAGAGCGATCGTACCGAGGCCAAACCAACCGTGTGCC  
CGAGCTCGTCCAGCAGGGGCCAATATTGTCGTCGCCGGCAGTACCCACGTCCGCG  
AGCTGGCCGACCAGCTGGCTCCCGCCTTTAACGCGTGGCTACGATATCCGGGTGAA  
AGCCGGTCGAGAGACCCACGCGGAATCCATCGGATCGGATCCCGCAAGCAACGGG  
CGGGCCTGCCTCCGGATCTTGGCCAGGGCACCCATCGCTATACTCCCGGCCGCG  
AGTCTTCGACTTCCTCGCCGCCAGCCACGCACACCAGTTCGTGC CGGGCTGGCG  
TGAGCTCCGCCAGCCTCAGGGTCCAGTACGCATCCACGGCGCCGGCGCCGTGGTCA  
AAGTTGACCTGGCCATACTGGCTCGTGTGCCGGACAGATCAAATAGTCTCGAGA  
CACTCTCGCAGGGGCCCTGGCCAGCGCCATCAAGGC GGACCGTAGTGCCCTCGCC  
GGCGCTGCCAAGGC GCCACTTGGGACAGCCTCCGTGGTCTGCAGCGCTACTC  
ACCGTACTGCTGACCAATGAACGGCGCCATGGAATAGAGCTCAAAGCAAATGCGA  
GCCCGAGCCCACGTACGGGAGAAAGTCCCCGAGACGCCGCTCAATGCTCACC  
TCCTGCAGCAGCTGCTGGCCCTTCATAGGCTGCCGTGCTTGAGGTGGGCATCA  
GGCGTGTGGCTTCGGCCTCGCCATTGTCGTGTAGGTCGTAGGTCCCTGGCGAGG  
GAGAGCGCATATGGCAGTACGCTGGCCAACGCAGCGCTAACGCGTACACGCCGC  
CTGATGCCGGTCAACGGGTCGGTGTGGAGTCATTGCTCATTCCTGCTTGCAAGGCG  
GCATCGGCCGCCGCCGGCATTGTTCCCGAGCCACCAACTGCAGGTCTCGCGCGTA  
AGGTTGTGCCGCCGCAGAAGTGTACCAACCGACCGAGGGCGATCCTGCTTGCAAGGCG  
GCGT CCTACCACGGCTTCACCGTCTCGTTGCCGGAGGTCCACCAGGTATCCTCAAT  
CGAGGTGCTCGCAGGATCGAACGCGTCTCGGAGCGCGACCAACCACG  
CCTCAGGCTTGAGATCAAACGCAGGTATGCCAGGGCTGCCGGTCCACATTCA  
GCCTCGTAGAAGCTGCGACTCAGCGGGCTCCCCCTGGGCCCTCCATCACCCAC  
GGCGAAGCGTAAGCGAATTACGGACCGTGATCAGCTGCTCATGCAGAAAGTC  
GAACATCTTGGCGTCTCGCGATCAACCAGGTTACCATCAGTGAGCTAACGCTG  
CGGTAGAAGCTCTCACCTGCCAGAACGCCGTGGACGAACCGACTCCAGTTCGTC  
CACGCACCGCCCTGGCGCGGCCAGGGCTGCTGCGTGGCGCGCCTCTG  
CATTCAACGTTACGGGACGGCTCGATTGCACCGCAGCCACGCCGGCACAATCTT  
CGATCGTTGAATTGCCATCACCGCTGATCAGGGTCCACGCTGCGCGCTGTCAC  
GCATGAGAGCTTCTCTGCGCGGTGGAGGCTGTCACACAATTACCGACGAGCTCCG  
CAGAGCGGTAGTCGAGCACATCGATGTCCACGTCATAGGCAGAATCCGACCCACCT  
GACGTCAGTAAGACCGTGTAA TAGGCAGCATGACCTGCTCAGGCCGGATGGGTC

CACCTCGCTCACCAAGGTCCGACCTCCAGAGATCCCAGTAGCAGACGTCCCGAAAG  
GAATGACCTGGTTCCCTCGCCCAATAGGACCACGGGGAGGATCACATTCCCTCAT  
ACGGCAAGCCACGAATCATCATGGCGACATCCCCGGCACGTGCTCGGCCACTCGT  
CGTCGCTCATCTGCTCCAGCCCCGTTGCGGTTCTCATTGGAAGCGAACGAGCG  
ACTCGCCATCCATGTCGAACGACAGCTCCATCACTACGCCGTTCTGATCGCGCGT  
AGACCGTACCGTTGTCAGGAGGAACGGAACTGGAACGTGATCGTCGATGGATGCA  
CCGACGATCTCTACTTCATCCAGCGAGGGCCCTCGGATGCGACGGTAAATTCTGA  
ATCATCGCGAGGCTTCAGTGTCCGAGGCAGGAAACTGCATCTCTGTGGTATTGAT  
GCGTAGGCGAACGCCGCGTTGACATAGCCGTCACCAAATCCTCTCTCCCTCAAGC  
CACTGTTACGCCCGGTTGGCACCTCGTGCCCCGTTCCGCTCGCCTCGTTCAACCACC  
CTGTATCGCGAACAGAACAGAAGGTAACCGCTTGTGCCGTTCGGTCCACAGACCATTG  
CCGGCGTACCGCGCCGGTCGTCAAGGATGCGCCTCGGTGTAATCAAGTTGACCC  
GTATAGCGTGGATCCTTGTATAAGTCAGTGTGCTTCTCATGGGCTGCTCCTTA  
TGTACTGCTCAGAACATCTGAAGCCGCGTCAGCCTCATCTATATCGGCTCCGGTGTG  
CTACCGACTCGACTTTCAGATGTACCGCCAAGCTCTCGCCATGGCGGCTCGTGT  
CCAAATAGGATCGATTGACCAAGGGCCTCATGCGCGAGCGTGGTGTGCTCCGAC  
AACCAAACCTCTGGGATGCCTTCACGCGCGATGCTCCACCGGGCTAACAAATCG  
CTGCAATCCGCTTCACGAATTAGAAACGCTTCCGTACTTCAGGCTTGGCGTAGCC  
GCGCCAATCGTCCAACCTCCGCGATCGCATGGGGTAACCAGCTGGCGCTGAATCC  
TTTGCCTGCCGCCGCGTCGCGGGCTTTTCGGCAAATACTCGTACGCCGACA  
TCGGCTTCATCACTGTGTGCGCTGGCGTCCAAGGCATGCCGAGCGTCTCGTACAG  
TCGTGGTGGCTGGAGGTTGCCATGGAGTAGCTTCGGCGAGGCCCTGCTGAT  
CGCGCAGAACCAACAGCGCTTGCATTGCGATCGTCCCGAACCTGACATCGAG  
AACACAGTCCGACATCACATATCCCTGTGCATCAAGGTATGCACGCACAAGATCGA  
GCTGGCGCTATCGCGCGCTGCTCGACGTTCTCGAGACGACGATAGACGGATTGAC  
CACCTCCAGGATCCGCAGCAGTCCATAGACCGCCAGCCATCGGTGGATGCTGCTC  
GGCGTTGTCACCTCCGCTTCGCCCTTCCGACAGGCTGTGGCCCGTGCACGGCAA  
CGAGACCTGCAACACGTCAACGTGTGAAAGCGCCTGCGATCGATCTCCAGCG  
ATGCTTCATAGAGCCGGGTGTCGGAGCCGATCGCGTCGTTCTCGGATGCCAGTT  
CGAGGTACCGCCCTCGGATCTACAATCCAGTCCACGCGTGTACGAGACCCCTCGC  
GCTCCAGACCTCCTTCAGCGCAACGTCGAGACACCCGCCCCCGCGCACAGCGTC  
CTTCGGTCAGGTACCCATCGCGGACGTGCTCCCGGTGCTCTCGGTTGTCG  
GGGCGAGGTGGCAGGGTGGAGATCGAAAACGATCTGCCCTGCCGCTAGCGTGGCG  
CGTACCGCGCGCCCTGCCAGGACGTCGGAAAGCGGCCACCGTACGTCTAC  
AATCGCGCTGCTGCCGATCTCCCGCTACAACACTGCCCTTCCGCTTCGATACGGTG  
CGATCACCTGCTGCATCTACTTGTAGTCGAACCTGGCGGTGACAAGATCAAGTTCC  
ACCCGGAACCTTGATCCCGCAAAACCGCAGTGCCTGCCAGGCGAACGACCTCCAG  
CCACAGCCGTGGTTGGCCCCGGCTGTGTCGAGCTTGTGAGCTCACCTGCACGTG  
AGCCGGGAATCCGGCTGACCATTGCGCGGTAAAGCGCTGGCGACCTGTGTTGCCG  
CCGCCAGCGCGGTTGAGCCGGAAGCTCCTCAGCATGCTCGCACCTCAGGCTGCAT

CTGGCAGACCTCACCAAGCGCCGGCCCCGAGGCTGGCTCGCACCACGGACCAGT  
AGCAGTCGATGCCAAAACCGAACACACAGTTCAAAGTCCGCGTCGGCTCCTGCAGC  
CCGTGCCGACGGAGCAACTCGGCGCACTCATAAATTGCCCTCGTAGCGGCCCTCGCCC  
GCCATCTGCTGCCGGTAGTACACCAGCCAGCACCCGACCTCAAAATGATCCTGAGC  
GGCCCGGAACTCCTATAACGCGTCCCAGGGTAGGATCTGCTGGCCCCGCGCGC  
CGTCTCAACGACCGCTGGGTCTATTGCAATTCCCTGCAGATCATCCCGCTCGA  
GGCGGATATGGGCGCCCGACCACATACGTCGGACGCTATGGCTGAAAGCCCCTTC  
ATACTCATCCTCTGGCTCTGCCGCCGAAGCCTGCAGTGTGGCCACGTGTTGATT  
GATGGCCATGCTGCTCGAATAAGCGTTTGCCACCAAGAGGGTTCGCATAACGA  
CTTCCCCTGGTATGCGCTGCCCGTCAGCAAATACGGAGCGGTGCTGCCCTCAAC  
CATCGGGCCGGTCCAAGGAAGATGGTGGCTCGCGCTCGTCCAGGAAGACCGTA  
CTTCGCGGTGGGATTGGTCTGCGCCTCCCGTGCATGTTCAGCGGCTCCAGGAACG  
AACTGACGCTGTGCCAGGCCCCCATGTACCAAGGTAGCTCGTGGCGTTCGTACA  
GCTTCCACTGATGGCCAGCGGGCGCCGGCAGATAGGCCATCATCTTTGAGGTGCC  
CCACCACCAACTCGGCCACGCCCGACGGTCGGCTCCATTGCGTGCCTCGGACG  
CCGGCAGCTGCGAGTGGCGCGATCGGCCACAGCGGACTCTCGGCAAGTGATCCA  
CCCAGCAGGCCGGCGCGGTGCCGTGCAACTTGAGCCGGTGCAGCTGCTGCATCCA  
TTCAGCCTTGGGGCGGGCACTGAAGCCGAACCAGGGTGCAGCTGCTGCATCCA  
GCTCGTGGTCAATGACACCGCCAGCTGGTGGTTACAGCATCAACGGCACGGTCA  
CGCGTACCTGGCCGTTCGCGAAAATCACTCAACGCTGCCATAACCTGGCGC  
TCGGCTCGGAGACGTACAGCGGCTGAAGGTTGTTCCATATGCGCCTCAGCCGC  
CATCGCCGGACGGATGCAACCGTCAAGGCATCTGGAGCGCGGTCTCGGGCTGAT  
CCCCGCTGCCGATGGCCTCCAGCAACTCCGGCAGCTGTCGTACATCTCGATATCGC  
GGTGCTGATGGCCCTCCAGCTTCAGCATCTGGTACGTCCGCCACCCAGTCATCT  
CCAGCTCTGCCCTGGCCGTATGCTGCTCCGGCTCCCTGGGGTCCAGCCGCTGTCGT  
GGTAGTCCCGATAGCCTCGCTGGCGGGCAGTACGACGTCGTGCGTTCACACCCAT  
CTACGCTCACCAAGCGTGTAGTGGATCGACGGCTTTTACAACGTTCATGGTGGCAA  
AATCCTGTCAGGCTCGGGCTAGATGCCACCCCGCGTCCGCGCACGGCAATTG  
CGCCACTTTCATGGTAAATCTACGGCTTTTATGTCGCCATATGTCGCGCCGCCG  
CCCTCCAGCGACTCGGTGGCAGAACAGTCCGGGACGGTTACGACAACACTGCC  
ACCTCTGCACCTCCCGCACGTCGCGATGAGGCGAGCGCCCGCTGAGCTCCCATTG  
AATCCGTACGCCACGCGCGTGTCCATGTCATAATCACGCACTGATCCAACATT  
CAATCACCCCGCACATCACTTGCGCTCACTACCGCCGGTCTGCCCGGATAGCTGG  
GAGATTGCCATCAAGTACCGCCTGCGCCGGCGAACAGCGAATGTTATCCGTGAG  
CCAGCCCCTAGCATGCGAACCTACGTATCCAGCTGGCGCGCTGCACCAACTCATCC  
TGACGACGCTCTCCGCATCCGACCCGAAGTGAGCAACCGTCATCACCGCAGCTC  
GCCGCCATCCAACGCATCCGCCTGGCGCGGTGTCCTCCCGTCCGTTCCAACAAG  
GTGGCCAAGCGATTGGCGCGGTTATTGCCCTCCGGATCTTGTGTTGCCGCGCTCC  
ATGTTCGGTACCCCGCAACCAAGTCGACCCAGCATGCCAGTCGACCTCAACATTA  
CGCTCAGGGAAAGCGTAACGATCCAATGCGGTGCGATAGGCATCGTCCGGCAC

CCGGGTGAGAACCGTAGCGCAGCCGCCGGCAACCGCTTCACAGTGCCT  
TATCCGACACCCACAAGAGGCCAGCGCTCCGGCACTCGACATTGATGAGA  
CCTTCCGGGCACATGAAATAGGCCATTGCCGGCACCTAGCGGGTTAACCGA  
TGCTCTTGCAGCGTCGGCCAGAAAATCGCGCGTGACACCTGACTCGATCAGC  
ACGCTACCGTCTGGAAAGCCCGGTGCCCATCCGATAGCATCTGGCTGTTCCCC  
CGCCAGCCGGGATAGCATTCCGTCTGCCACCGAACAGCGTGTCCGCCAGCAGA  
ATTGTGCTTCTCAGCCACCGAACGGCGACTGCGACAACGCATTGTGCGTCGCC  
GGCGAGCGCCCTCTTGCATCCGATTCGCCTTCCGTACCCGAATCTCCT  
GCGCCGACGAGTCGGCTAGTCTTGACACCACCATCACATCAGCTTCACTG  
ACACCCGAGTGTCTCTCCGGGTGTCACAGAACGCCGGAGCAGTGGTCCGAATCGGT  
GTACTTGCAGCTCCCAAGCAGAAATCCCTGGCGTAGCGGATTCCCATGTCGATG  
CACGCTTGCCTCTCGGTATCGATGTTCTCCGCGACAACAATGAACCCCTGC  
CCTTCCGCCAGCGCTAACACGCCGGAGATGTCCGGCTGTACTCACTACGACGCC  
AGCATCACGCCGGCAAGCTTCACGATGTCGGGTGAACCGAACAAATGTCTCGAAT  
GAGAAGCAGCCATCCCCGAAGTCGTCAAAGGCCACTTGGCGCCCGCAGCTCTCAC  
GCCTGCATGAAAGAACATGCACCAACCGATCAGCCTCTGAAGATGCATGAACACTGCC  
TCTCCACGACCAACCGATCAGCCTCTGAAGATGCATGAACACTGCC  
GGACCGCAGTTCGCTCAATTGTGCTACCGATGCGTTACACCTATCCGGATACCC  
GGCGAGCGAGCGAGGAATTCACTCGCCTGGTCAGCATGGCGAGATCGACAGCTC  
AATGAAGCCATAGGTCTGGCGAAGCTGAGCAGCTGCCGTGACTACGCTGCTGGT  
GCTTCGCGAGCGCCTCGAAATAGAGCGCTTCCCCGTTCAAGGAGATCGATAACCG  
GCTGGAACACCGGAACCTACAGCCAGCGCCATACTCGGCTGCCGTTCAATTGCGTGC  
CCCTGGTCGAACACCCAATCGGGCGCGATGCCCTCGAATGCCCTCCGGGACCGA  
AGTTACGGGCATCGCGAGCATTGCTCCGAGCAGCTGCCAACGCTCGCAGCGCCA  
GCACCTGCAGCGACCGATGCCACGACATGGCATTGGCATCCATTATTCCACACGT  
TGACCGCGACACGAAAGCTCAACCCAGTTCTGAAAGTGGGACGCTGTCAAGCAG  
CTGCTGAATCAGCGGGCGCCGTGTTGCATACCGGAAGTTGCTGCAGCCATAGA  
AAGGTCTCGTGACGAATTGCAACTGCATGTTCCCTTGGCGACTTCTCGCAGG  
GTGCGCCGCTCCGCCGTTGCGCTTCTGCCGCCCTTGACGCAGTCTCCGCTTCCC  
CGCTGTCTCGTGGGGGGCACACGACGTGGGCCAGGTGGGAAGCACGATCCGCA  
GCTGACGGATCTCTGCCAACATCGCGTTGATCTGCCAGCCTGGGAACGCCATGA  
GTTCCAAGGTGATTCCCCGGCTCAATCTCGCAAAGGCCATGCCCACACGGCAG  
TGGCATCTGGAACCGTCAGCGACCTGGGAAGCGCTCGTAGAGTGCAGAACAGCA  
GCCGTTGGCGCGAAGAACCTGCCCTCTTGCCGGCATGTGCTCCACCGCCA  
ATCTCTATCAGCTGGCGCGAAGGTATGTCGCGTGGCAGGCGTGCCATTCCGAG  
CCTTGGGCCTGGTCATCAGCCCCGGCTCGCTTCTCAGCATTGCCACAAAGTGC  
GCCTCACCTGCGGTGTTGTCACGTATTGTGAATGTTGACCATGGCTCGAGCAAG  
GTATCGTCAGTGAACCGCGAAGCGGCTCGGTCTTCTGTTCTCCGGTCAGGCC  
TCGCACCGCGCTGCTCGCCTGCCGATAGCGGGCAGATTACATCGTCGCC  
TCCTGCGGCCAGCATCGTCATCAGCAGCCTGCTCCGCCCTCCATAACA  
ACTCCTTC

CACCCGGCTTCAACGTGCGACCAGTGGCAATGAAGTCATGATTGCGACTTCA  
GCACGCACGCTGACTTTCGGTACGTGTGGAGGCATGAACACTGCCAGGTACCGG  
CGGGCAATATCCTCATAGATGAGCCGCTTCGCGGGAAAGTGCCTCTAAATTGCT  
GCTTGGCGTCGGCACGATTCCGTGGTGCCTGTGACCCCTTGTCGTCAAACGCC  
CTGCTCTTGCACCGATATCCAACACTGGCTTAGCTGCCTGGAAAGGTACGGCTCGG  
AAGCCTTCGCGCACTGCCTGGACAATCTCAGCAGCCTCCGATGCTGGCTCATGGGG  
AGATAAGCGCAATCTGTACGCGGGTACGTGACCAGCTTGAATCGTAGAGCCCCTG  
GACAACCTTAGGGTTGCTCCAGACCCATGCCATAGCGGCGACGCTAGGCCTTG  
CAGTCGTCAAGCGAGAATGGAAGCGGTGCATTTCGTTCTGCTCGTCACGGTA  
TTCGGCAATCCGTCGGTCTTGCGCTGCAACTTGCTGGTGCACCATAGCGGCAACTGC  
AGCGTCAAGCAGCCGCCGTTCTCATCGATACCCGGTTGCCGCGACGCTAGGCCTTG  
CTTGGCGCGGAACCTACCTGCCTGCACAGCGATCATGGCAGTGAGCACCAGGTAGT  
CCACGGGCTTGAAGTTACGGATTCCAGCTCCCGACGCAATCAGCCCCAGCACA  
GGCGTCTGAACACGTCCATAGATAACATGCCGGTCAAGCCCCGCTCACGTGCCTGA  
AGCGTCACGCATCGGCTGTAGTCATCCCTACCAGCCAGTCCGCGGCGCTCGTGCA  
ATGGCTGCATCGCGATCCGCGAAGTCACGATTGTCCTCTCATCTGCAAGAACG  
CGCTGGACGGACACATCATCAATGGCCTCGGAAAACCCGCTTCACTGGTACCAAG  
GCAGCGGAGATCCTCCAGGACTTCGTCAACCAAGAGTTGGCCTCGCGGTGATATC  
GCCCGCGTGCACGACCACCGTTGCACGTGTCAGGAGCTACGTACGGCGTCGATCAT  
CTCCGCCTGTCGCTCACCGTACAAGCCGCACTCGTGTGGCTGGAGCAGCGG  
CAGGTGGTCAAAGAGCCAGGGGAAGCGCCATTAGCCCCACGTTGGCCTCCGGAT  
AGGTGCCTCGATGTAGTAGTCCGGCTCCGCCAGCTGGTACACGTGCCACGCAGCC  
AGCACACCGCCCAGTTGAACCTCGATGTGGCTCCGATCTACCGACCGCCGGCG  
CGCTTCGCGAGGTGGCCAGCCAGCGCTTGCAACCGAGGGCTCTGGCAACGT  
ACAGTTGAACTCAGGCACAGGGTCTCCACCACTTCGTTACCAAATCCTGCAAGGA  
CGAAGCGCGAAAGGGTTTGTAGAATCACGGTGTGGGAACGGTCCCTGTAGCCG  
AGGACTCGAACGATGACGACGACAGGCCAGCAAGGCCAAGCCGGTCAAGAGCG  
CCGCTGTCGAAAGGGCTCTGCGACGACAACGACTGCCGTAAGAGCGCCGGCG  
AAAGCGAGCACGCCAGCGAACGACGCCACCACGGCGCAGGAAGTCGCAGGCAAAT  
CGGTCGTGAGCCCTCGCAGCGCTGAGATGAAGGAAGCTGGCGCTCGCGCTTACC  
CATATTGTCAGCAGCCGATCCGCGATTGCTGGACTCCAAACGCCCGTG  
CTGCAGATCTCATCGACGAGAACCTGCCAGGCTGCCAAGGTTCAAGGAGTCATCCAG  
CGCAAATACGGCCGAAGATCCGGCAAAGCGCTTAGCACTACCTGGAAAGCGAA  
CTTCAAAGCGAACGAGTGGACACCTGGCATGCCACCGGATCAACCGGAAC  
GAAGATGCCATCGACGCCAGCAACGAGGAGCAATCCGCCACGCTT  
AGACTCGACCGGCTGCCACTTCGCTGCAAAGTGACGCTCAGAACGGGAAGCG  
TTCGCTGCTGACCGGCAACCAGGCCACTCGCTGTGGCTCACCTGGATCGTGC  
GCGATGCCGGATCCGCCCTGATATTGAGCGTCAGATCTGCCCTCACCGCGT  
CGCGGCCACATGGAGAACCGCACGTAGGGGACTCGGTGCCAACCTCCCG  
ACCGGAAGGCTTCACAGATTGCCAGATACTCATTCGGCTCCTATCCTGCCA

GGGAGAACGCGGGATGGCCCCGCGTCACAATCGTTAGTATATCCATATTGCCGAGG  
ATGAAATCGTTAATGGCGGCGCGGACCTCAGAAGGTCCATACATTGATAACACCAAT  
GGAAGTGAGGATCCTGAGGACTTCAGGAAGCTGTCCGGGGAAAACCAGGGCACCA  
TGTAGGCAGGGTTCCGGCGAACCTCCCAGTGAGCTCACACAACGGCTCGCTGCTG  
AAGTAATTCCCAGGGCAGGCCTCGTGCCTGGCACCGTCATTTCACACAGTGGGCCA  
TCCCGCTCGATGGCCGCGTGCCTGGAGCTCATACTCCCCCTGGCTGTCGAC  
AGTTGGATATCCGGATGCTCCTGGATCAACCATGAAGCTACCGAAGGGGTCTCGATA  
CGCACACCGCAGCGAATTGATATGGTCGGGCCTGATGCCGGCGTTGAGCATCACGCC  
GCGATGCCGCGCCATGCTGATCGGTACATGACGCAGCTGCCGATCTTATTGGC  
CGCTGCCATCTGAGCCGCCCTGAACAGATTGCCATCCAGGACGCACCGCGTCCGGGT  
TATCAGCCCTGCAGGGGCCCGCTCGAAAGCCTCCAAAGACCAAGACGCCGGCGAGC  
CGACCGGGCGCGTCGAGAATGCCGGTCTTCATAAGCGCATACAAGCTGCGCTCC  
ACCAGCTGGACTGACCAGGCACGGCAATGAGGACCGTGTATTGCCGGGTATG  
CATCTTCTTCTCGTTGTCGGCAACGTGATGTCCACCATACGCCCTCCGTTGCG  
TTTCGGCCCCGGAGAACGTCGCCAGCGGCCAGGCGCACATCGCGGAGTGTGCG  
CGCAATGAAGTCAATGCCATCGCGAGGCCGCTTACTGCATTAACCTGTGGCGGC  
CAATAGCTCGTACGCTCTGCCCTGAGGCCCTCCTGCAGCAGCTTGGCG  
GCCCAATCGCTCCAGAGAGGCCCATGCCGGTCAGGACGCCAGGGGTGTC  
CATAAAGCTGAGTCAAAGCGGCCCTCGCGATCGCAACGGCCTGACATCCATC  
GGACGCAGCGGCAGCACTCTCGGTAGCTGATGGTTGAGGAAGACAGGTTGC  
TCAAACACCGAACCGGACTGAGCGTACCAACCCCTAAAAACGATTGAGAACCTC  
GGTGGCGCGAAGATCCAGATCCTTGATTGAACGGGTTCAAGGCCCTCTCATCCAG  
TTCCTTGATGATCCGGGTACTCGCTGGTATCCTCGTAGATGCCCTCTGCTCG  
GCATTACGAAGCATACCAGCCTGCTGGTAGCTGGTATGAAATAGGCCCTTGC  
TGGAACCCCGAATCGTCGCCTCGATATCAAGATCAATGTCGAGTCGATGCCG  
AACGGATTGTTCGAGATACCGTCTGCCACCTGGTCGCCGACCACGTTGATGAAG  
TCGGGCACGTTCTGTCCAGCGCGGCCGAATCCTGATTGCCGTGGTGTGGCCGAG  
AGCTTCGCATCTCGCGTTGCATCGCGATGGGCGTCCTCGCCAATCAGCCCC  
GAGGAGAGCGTCTCAACTCGGGGCTGCTGACCTGGCCTTGCAGGTTACCCG  
AAGAACTGGACCCGCACATTCACATCGCAGCCACTGCAGCTCGATCAACACCCG  
TTGCCTCTGGTCGTCGAACCTCTCGCTGGCGTCAATGAGATGCCGTGAGCCAGC  
CCCGCGTAGCAGGAGCGCGTGGTTCTCCATGTTGAACTCGCGCACGATCCG  
CTTGGGGCGCTCAGGCCCTGACAGTGGCACGGACTAGCTCGCCGGTAACACC  
TGTGCGTCGCTATCGCAAACCTCGCCCACTAAGCTCGCCGGCATACCC  
CTCTTCAAGACCGTCCGATTGATCCAACGGCGAGGCCGAAGATCGGGAAACT  
CTCCGATCAAGCTCGATGCTGGCGATGAGCTTAAGCGTTCTGCTGGTTACG  
CCGCCGAACCTCGCCATAGCCAGTTGTTACTGTAGTAGCGCAACTGTCAA  
CATCCTCCGGAGCACATCGCAAACACGATGTCTGGCCAAGGTCTACCCGGCG  
AAGATCCTGCTCGCGTTGACAGCGCGGCCAGCTCTCGCCAGCTCGCCAGG  
CTCGAAGCCATCGGCCGGCTGGTATTACGTCCTAAGCAGGGACTCCATGGT

GTTCCTCCAATACGATTACTGGTTCTGCCAGCCTCAAGGGCCGAATCGCGCGGTC  
AATCGCCAGCTCCGTCTTGATGCCATCTGAACTGCCGGTAGATCGAGAACAGGC  
GGGATCCGAAGTCATCGATATCGCGCCATGCCGCCCTGCGCTCTGCTCAG  
GAATCAGCTCACGCAGCTTCGATTCTTGTGCGCTCGCTGACCACATGAT  
GTCACCGGAAACGAAGTCATCAGCTCAAGGATTGCCAACTTGTCCGATAGTC  
GATGTTGCGCTCCAGGCCGGTGTGTCAGCCACCGTATCGAACGTAAGCGCGCTCA  
GGTCATGCTCTCGCGGGATGAATACTCCGTCGCCGGCATCATTCTGACAGCACCT  
CCTGGAGAACCTCACCGCCTGTTGCAAGGTCTCCGGAGACCGGAAACATCAACA  
GATTGCGGGAAAGAGCGCGCTATAGATCAGCACGTTCTTGCTCCCTCATCGAGGTC  
GCAGAGCTATAGGTACCGAGCGGCTTGCCTCGATCGCGGCCGATATTCGCCCG  
GTGTTGAGTCGCCCCGCCGATTGTGAGCCTCATCCAGCAGCAGCTGCGAGTCACGT  
GCTGCACCGGAAATCCATCTGGCCTTGCCGATGTGTTGGCATTCCGATTGAACCTGG  
CTGTAGGTGGCCAACACCAGGTTGAACCTCGATGGAATCGCATCTCCGAAAGTCCC  
CGCTGGAGGGTAGACCTCGGTGTCGCCGGCACCAGCGTCTCGCCCGACTCGGGTCG  
TACACAGGAACGCCGTATTGACGATCATCGGTTGAACAGGTGGCAGATCCAAT  
ATCCTGCACGTCTGCCAGAAATCGGTGAACAATGTCGGCGTCTCGGTGAGGAAGA  
CCGTCTGCCCTGCCCGGAGAACTGCATAGCAGGCCATGGCAGCCATGACACGCC  
TTGCCGAGGCCGGTCTGGTCGCCCTCAGGCAGCCTGCCACTGCTCTCGTAG  
ATACAAAGCGCACCGCGTCAACCTGCTCGGCGACAGGTACTCGCGTCACGCAT  
CTCGTCTACTGCCAATGCAGATTCTGCCACGAACCTCGTCATGTCGCCATGTT  
GTCAACGATGCCCTCCAGGGCGAACGGGTGGCAGTTGGAGATTCCGTGGAATCA  
TCGCCGACGCCCTCGCCACCGCGTGAECTGGCGATGTATGGCATTGATAGCTGTT  
CGTCGACAGCTGATACGTTGCCGCACTGTCCTCCCGCCGGCGAGTGGAT  
CGGCATGGTCGGGGATGCCCTGCCGCGTATGTACAGCAGCTCTATGCTGCTGCC  
GCAGATCCAGATCCATCGCGTCGAACATAGGCTCAGGCCGTTGCCCTCGCTCAGCA  
TCCGGTTGGACGACACATCCAGGTGTGAGGCCGTCGAACGCCGGGTCGACTCAACA  
GCTACCTGCTTCAGCAGCAGCGCCGGGGCGGTGCCTGCCGTAACGCCCGCAT  
GTTTCGCCACCGCGATGACGGACTCGTGGCCTGCAGGACGTCACCCATTTCAGG  
GATCGGGCTGGCGCTTGCACCCCTGGCGCCAATGACAACCAGCCGACGGGGAAAGC  
CGGCCCTGCTTGCACAGTCCGCCATCGACCTCCACACATCGACCTGGTAGT  
GATCGGCCAACCAAGTTGAACAAGTAGCGCACCCCTCCGACCTCGCCGCTTAC  
TGTCGAGTGCCTGCGCCGCCAACGATGTAACACAGCTAGCCCACATCGTC  
GGCGCAGCGAGTTGACCAGAACAGATGATCGAGCCTCCCACCTCAGCCTGCG  
ACCATGACAGGTGCGCAAGCCGCCAAAGGTGGATTGCACAGCACGGTGTGAA  
TTTACCATCGGTTGCCGGGACGGCGACGGCGGGATCCGCCAGGAAGTCGCCACAGATA  
CCACGATGTCGGGACGGCGACGGACCGATGCTACGCCAGCGAGGGATCGATGTC  
ACCGAATGAATGGTCGCGTCACGGATCAGCAGCACCCAGCGACGCCGTTGCC  
GGGCTCCAGCAGGAGCTCCCTCGCTGGTCACCCGAATGTGTTGGACGCCACTGC  
CAACGGCAAAGTCGTGGAGTACTGCTGATTATGATCGAGCTGGTGGTTCTGCC  
GAAGGGGGCTGACCTCTCGAGTCTCCTGGCGAGCTCGAAAGCCGGCACATCGG

CCGCGCCATGGCGCCAAGCGTCGCACCAAGGC GGCTCGACGGCTCCTGCCAA  
ACCCGGAGCAACGAGGATGTCTCCACCTGCTCCTCGGCAGCGTCGTTGACCACGGCT  
GCCCATCGCGTAGGTCTCGTACCGCATTGGCTGCCCGCCGATTCGACCACG  
AACCCATCAGCGCAGCCCGAAGTTAACCGCATCCGGCGCCCGAGAAAGCGCGA  
GGCGCCGGCAGCACCTGCAAGCTCGCTCTCTGCCCACCACCTCGTGGTCGCGGCG  
TGCAAATCTCCAAGCTCGCTCTCGAAAACGGTTCCCCAGCCAGTTGAGCTGCCAAG  
CTCCCTGATGGCGCCGATGATGTTGGCCTGCAGGTGAGCTGACCGGGTC  
GCCGGCGTTCGCTCTGC CGGTAGCGCCCTGACTACACGGCAACCGGAACCTCCAC  
AGGCTCGCGCCAGGGAACGCGCGCGAAGTTGAGCTGCCAGCGTAACCTAACGCTCGT  
CGCGCAGCACCAATCCACGTGGAGATTGGTAGAACGCCAGCTGCGCCAGAGCGCTG  
AGCGTAGACGGGCGACTTGGTCGCCCGAGGAGCACAAGCTGCGCGTGGCA  
CGGGAACTGGGCACCTACCAGACG CACCCGGGATTGGCCGGTCCAAGCGCACCC  
AGCGAACGAGCGTATTGCATCCATCGAAGATCTCATGAGGTTCTGGAGCTCAATAC  
GAECTCGCCGCCGGAGGGCGCTGAGTCGGCTACTGCAACGAGCGATTACGGAGCC  
GGGCTGTCGGCCGGCTCATCTTCCGGTTCCCGCGCCACTGCCGCCTGGCCTTGGCA  
TCGATGTGCGCCGTGGCGATTCTGCGCCGCATGGCGGCCGGCGATCGCGAT  
CACGTTGATCGCGAGAACGCTGCAATGGTGTATTACGCCACGCCGGCAGGA  
CAACACTCGCAAAGCGTTGGTCTTGGCAAGGCGATCTGTAGCGGGTACCT  
TGTTGCCCTCAGATCCGAGACGAGCTTGTAGGCCGTTGTCGTCCTTGAGCGGGT  
TACCCGCATAGCTCAGACGGTAACCCGGGATCGAGTCGATCTTGAGCGTACCGTCG  
GCCAGGCCAGCCAGCAGGTCGGTTGGCGATGTCGCGGAACACATTGTTTGAAC  
AGCTCTCGAGGGTTGCTGCCGGGCGAGGTACTCGTCACCTCACCGCTGTAC  
TGGCCATACACCAGGCATCGATGACTTCCTCGGCATCGGTGACCGCAGCGC  
CAGGGCGCGTGTGCCACGGCCAGTTGCTCGTCAGCGCGCACGCAGCTCTCTC  
GCTGGTCACCAGCTGGCATTGTCGGCTCGACGGTGTGCGATGAAGACGGACGGCTT  
GGCGTCCTCGACAGCTTGTCACTCGCTCGATGCCCATGCGCGTGAACCTCGCG  
CGAGAACGTGCCGTGTCGGTTGCACCGTGCAGGTGAACCTCTCGCGAGACCGG  
AATCGTGATGGTGCAGCGGTTCTTCATTGCCCTCGCGTAGTTGGGTTCTCGAAGCT  
GACCGCGGGCGAAGTGGCCATGACGCCTCCAGGAAGCTGCGGTCCGAGTGCCTGG  
CCTCGTTGACCTCTGCAGCGTGTGACCCAGCGCAACTGACGACCATGCGGTG  
CGTCGGACATCTGGTCGGTCAGGTAGCAGGATTCAAGGGTCAAGACCGAGCCGGCT  
GCATTCTCCGGTTGTCGAAGATCTTCGGCTACGCCATGCCCTCACGAAATTG  
CTCACCGCGCGTCCGCGTCGCGCCGGAACTCCACTGCCACAGGCAGGTGCGCG  
CCTGCACCGGGACTTCGTTGAGCACGATGCCGGTCAAGTTGAGGCTTCTGCG  
CCGACCTTTGACACAGCGTGGACACCTGCAGGACGGCGCGAAGGTATTGGG  
GGTGCGGCCACCGCCCTCGGGCGGACTCACGCAGGGAGCGAAGTGCAGGACA  
TTGCGATCTCCAGATAATGTCGAAGGAGGACCGCACTGCGTACTGCGTACCT  
ACCCGTTGGCTCGGGATCAATCTACCACTTCGTTGGCATATAAGAACGCTTTAT  
TGCCATCGAGTGTGGTTATTGCGTATCTCGCGTATCTCGCGTATTCCCGTAT  
CTTTGTAATCTACCGGATCAGGAACGCTTACCTGGTACTGCCAAGACGCGGC

AAGCTGCTTATGCTCTCGACCGTCGTCAAGCCAGCCAGTTCAGGCCACCAAGTTCG  
CAGCACCAAGCGGTGCCGTGCGCAGCAGCTGGTGAGGGCGAACCTCATCGGCTA  
GCCTCAACGCAAAGCCAATGTCTCGGGTCCCGATCGGATCCGCCGGAGCCTTCGA  
GCGCTTCACGCACACTCGTCTGTCCACCGAATGCCGGCGAGCGTGGGCCAAACC  
GCACTTGCAGGGCCTCGCCTCCGCTGCGCCAACGGGCACGCCAGTTGCACC  
GTGCAACTTGGCCGTGCGCCAGCATACCCGTAGGATCCAGTTCGACGTGGCGGA  
TGTACGACCGAGCAGAATGACATTCTGCGATCCAGCACCTCGATGTCAGCTG  
CAGCCTGGCTACCCATGTCAGGCTCGTAGCGCTCGCGACCCACCCAGCAGATCTT  
CAGGGGTCAAGATTGAAC TGCCGTGCGGCCAGCGCTAGGTCAACCCAGTCCATCGCA  
CCCATGCTCTGTTGAAGGCCTGGCGAACACTTTGACTGTCATATCGCGGGCGAGC  
ACCTGGCGCCAATGCGAAGCCTGGATCTGCATCGTGTGATGCCGGTTGTCGTCGCG  
CACATCGTCCCCTGGCCACATCCGGGGTCACCCGGACCTTGCAGGAAGAAGGGTTGC  
GTGACGGACACGACCACCGCGCACCGCCGCCACCGATCATGTACTGATCCGTGCG  
CGCCAGGCCGCTCCGCCCGAACAGCCTCGGTGGATGGACCTGCGTATCGCAG  
AGTTGGCGCCCAGCAGCGTGAGAGCAGCTCACCGCCCAACGCATCCTCCACC  
TTGGTGAACGCACCAAGCTTACGCGAAAAATGGACCCCTCTGGGAGTCCAACAG  
CCATGCGCCGGCGTCCAGTCGGAGGCCAAGCATAACCCATCAGCTGACGATGGTAT  
TCACCGGAAGGCCCGAATATTGCCACCCAGCCAGGAGGCTACGTTGGCGCGTGGG  
ATATTGCGGCCCGAGAGAGCGTATAGATGTCGATCCAACAGTTGCCAGCAG  
ATGAGCCAGTCGCTACCGAGATTTCGTTTCGACATCGAATGCTCTAGTCTTT  
GACCCCATCACCATCACATCAGCTTTCCGCCCGCTTAGGCTGTCGCGATCA  
ATTGCCGGCTCGTGTTCACGTATTGCCCTCGTCGCCGACCAATGCCACCTCTGC  
GACGCCGAGGAATCCATCAGGCCACGCACCATCTTCTGCCACGGCACATCTG  
TGTCAGCCAGATTGCTGGACGGCTTCCGAAACTGCCCTGTCGCTGCGACCAGGAT  
CCTGTCACGCCGAGCAACTGGCGACACCGGAGGCACCTCACCGGTCGACGCC  
GCATGGCCACAGCACCTCCATCCGCGATCAACAGGAAAAATGACTCCGACAGCCG  
GCAGTGGTAACGACGCCGACCGAATATGACCCATGACATCAAGAAGCACTCTCAA  
GCCGCCCATCAGATGGCCTCAGCGCCCAAGTCCCACCTGTGCAGGGACCTGGTCAG  
CGTCAGATCCCATGGAGGCCAGCGAAAAGCACCGCGCAATTGACATCGG  
AAATGTTCCGCCGCCATGACTGCGGATGAAGGACGACAGGTTGCTCCTGTGC  
GTCTCCGCTTCCACGGCAACCTCTGCGAGCGAAACCCCCCTGCCATCGCTGGTCCCC  
ACCACAAAGCCCAACGCTGCAGCCATACGGCTACGCATTGGGATTGGCTCG  
TTAGCCACTTCGTTGTCAATTACAGGCCTTGATCTAACAAATAATAGTGCAC  
CGAACACCGAAGCAAGCCATGACCGTGCCGCCAGCCACGCCCTCAGCATCG  
GATCCCTCCAGCTGCTGGTACAAGAACGTCCGAGCAATGTACGTGACCA  
GTCCCGCCTCCAGTCTGATCTACCGCCTCTGGCGGCCATGCGAGATCTGCG  
CGGTCAAGGACACCAGCATCCGGTGGATGCCACGAGGTGTGGACGTTGAC  
GCCTGCTGCTGCAGGCCCTCGATCGACTCGTCTCCTGTGCCCGCGTGC  
TCAAACACCTCGGCCGATGGCTGGCCCGAGGTCAGGTTAGCGCCACTCG  
ATTGCCATGTGAACCACACCACACCTGCGGAAGCCGCCGCGGTTGAGGCCGCG

CTCGAACTGAATGCCAACGCTCCGGTGCCTGAGGTACCAAGCTCGATGTTCGTGGCTT  
CAGCGAGTCGGCGTGGACCTTGCCTGCAGCATGGCGTGGAGGTGGTACATACATCCGTC  
GCCATGGACTACTAGCGCCACGCCGCAGCGCCGCATCCTGGCAGCGTGCTCA  
GCGTCAACACGCTGCCTTCTTGACTTGGTACCGGGTGCATACGCTCG  
GTGTATTCTGCTGGTCTCGTGGCAGGAACGCCAGCTCAGCGCGATTTGGTCC  
TGCAAAGGAGAAACTACCGTCAGAACGCTGGCCGGCGAGATATCGCGCGTA  
TTCGTAACCGGCCCTAGAGCGGGCTGCCTGGCGTACCGGGCAGCGGGCG  
GCTCCAACGGGTGGGTCAAGCCGTTAACAAACCTGTGCCTGTGCAGCGGCCAAA  
ACGCCAGCCATTGATCAATGCGAGCATCCACAGACGAGTTCTGTTATGCACGGCG  
GTCACCTGGGCCACTGCCCTGCAGACGAGCGTCATATTACCGTATCTC  
GCGGATGAGTTCATGATCACGCCATCTCCTTTCGCTATCCACCATAACGCCGCTG  
TTCTGCAGCGCAGCTGCGCGCTCGATCTCCGGCAACAATGTGCCCGGGATAA  
AGCGCAGCGAGCAGCCTCCGTGTTCTTGTCCGCCATCTGTGAATAAAGGACATCG  
CGCACGTAGGAGTCCTCGTTGACGTCGAAAAAGCCAAAGCCTGATACCGCCCAT  
CTTCAGGTTGAGCAGCTGGTGACCGGCCGCTCTCGTCTGAAGATCACCACCAT  
CGTCGAGCCATCCTCGCGGTTGGAGGGCGGATATGCTCTTAGCCGCGTGGAGCAC  
TGTCGGGATGCCACTTGTCCGCATCAGCTCAGCGGAATCGTATCCGTTGG  
CGAAAGAACAAAGTTCTCGAGAACGAGACGACGCCCTGGGAAGTCCTGCG  
GCCGATGCGAAATAAGCGTCAGCATGACGCCCACTTACCAACCCCTCGTCATCCA  
GCTCAAGCTGATTCTGTACAGCGGCAGCCTTGACGTGCGATGTACCTCGTCGAACA  
CCAGGTGTTACGGTTCTGCCGGATCTCACGAATTGCTGTTGCGTGGTGTCCCTGTA  
CTCAGGGAGGAAGGAATCGATGTGCTCCTCGCGCAGGTAGAAGTTGCCAGCAG  
CATGCCTGGCAAGCATGTAGCAAACGTTGGTCTGGTACGCCACCGCACTACCC  
GCTTGCACCTCATCCAAGTCGATCGACACGATCCTGCATGCCACGTCAAATG  
CCGTTGGACCGACAGGATCGGGTAGCGACGAATGCCCTCGATAGCATTGCGCG  
AATGCCTGTAGCAGCGGCTGCCCGAGTTGGTCAGCTTCTGCCGTACAGGTAGAA  
AACTGCCGTTCGCGGCTGACAGCGCCAGATCCGTAGCGTTGGAACGGCGTAGCG  
CTCGCTAGCGACGCAGCGTGTATGTCGCCCGAGAAAACAACGGTCCACAATCT  
CCCACCAAGGTGGTGTGCGATCGACATGGAGCCATGCCGACAATGGCACGATCG  
ACCAGTTCAGCGCCCTCCGTTGCCGGCTGTACCGGCCGGCTGCGCATTGCGCG  
AAAGTCTGTACGCATAATCGATGACACCAGCGCAAAGCCAGCCATGCCGTAGC  
TGGATGCCGCTCTCCGGAGGCGTCATAAGCAGCGTGGTAAATTGACGGCTAGCG  
CCTCCTCGTGCAGGCCGGAGCGGGCGCCGGCAGCCAAGCTGTGTCGAATGGGTTACG  
GAGTCCTCGGACGCATCCGCATCCGAACTGCACGACTTGGTCTAGACTGCTCC  
GTCGCCGCTCCGGATAAGCGAGGTGAAGCCCGAGCTGGAGCGACCGATGTCAAT  
GATCGCGATATACGGCAGGTGCGTCAGACCTGGAGACAGGGTGAATGCCAGATTCA  
TCGCGTTACCAAGCACCAGTACCCGCCGGCTCGCGATAACTGTGTTGATTC  
AGTCGACTGAACGGAGGACGATGGCTGGAATGGAAAAAGCTGCCGTCCGGCGAA  
TTGAACATCAACCGGCCGAAATCCCAAGGTGACGCCGGTGGTAGAAGCTCAGCAT  
CTCGTGACATCCGCCAGTGCCCGCAGGCAACCGTCGCCGGCTGTTCAGACTCA

ACCTGGCGTGGTCGCCACCAAGGCCTGCACCGGATGCCGTACAGCTCTGACGT  
CCGTACCACCCCACGCCCTGCACCGCACGGCGAGCTGGATGTACGGTCTTCCAGCA  
GCTTCGCGTTGCCCTGCCGGCGCCAAGAGGTGAGATCAACCCGAGCTTCACGTCGA  
GCTCGTTCTGCTACGTACCAGGTACTCGATGCGATCAGCTGCCACGCATGAGCC  
CGTTCTCCGGTTGGTAACCCGATGATCGCGTAATAAGACGCTAAAGGCCAGG  
GAGGTTAGCCCTCCGACTCGATCTGAACCTGATCCGCCAAGGCGACGGGTGTCC  
CTCACTCGCGGAACAGCGCCTGAAACAGGCACCGTCTCGCTCCCTGATTGGTGCATG  
AAGATGTACATCGGCTTGTAGCGATGCCCTACAGTGCAGGAGGTGGAGCTCT  
TCCCGGATGTTGCCGGCCAGCTGGCGTCAAGCCGTGGCCACAGCGCCAGA  
CATATCCGCCGGATTCGCCGCTGCTCGGCACAGGGATCTTGTGCCGGGAGGCT  
TGGCGCCACTCTGCTGCCGTGAACACTCGGTCAATCGACATGCCATGCC  
AGCGTCGTGCACCTCCAGCTGCACCAAGGGAAATCTGCCGCTGCCATCTCCTGCAT  
GAAGGAGGAGACGAAGGAATCATGTCTGCTCTTGAGCCCAGCGATCACCGAAACA  
GATTGGGTGCATCTCCATCGTGGGAATGGGATTGTCTTCAGCAGCTCCATGCC  
CCGCAACATCGCGCTCAACTCGGTAGCGTAAATGCCATGGCGAGTATAGAGA  
GCGACCCAGCAGCGCTCAGCGCTCAGGACTCCCTCAGCATCGGACATCTCCTCA  
AAGAGATCTCGAGGTTCAGACCAATCCGGACAGCAGTGTCCCGATCGTTCTGC  
GCTTCACGCACCTCGCGCTCGACGAGGTCCGGATCAGATTGAAAGATGCACGACAG  
CGCATGACCACCACCGCATGAATGCCCTGAGTGAATTGTCAGGCGTCCATCAAT  
CTCACGAAACTCATCAACACCAATCATCGCTCTGGAACCATGACTCGAAGAAGCG  
TCATGCGAGAGCCATCCTGAGCACGAAGGTGGTCTCGTCTCGGTGTATTGATGT  
CCAGGTAGTCAGCAACGCTCTGCTTAACACTGAACACTGAAGTACCGAGGGCGCC  
TCAGCAATATCTCGATTGCTCGACGATCTCATTGCGCTCCTAGGTGCTCGAAC  
AGAGCTGAACCTGCTGCCACGCTGCTGGCGTCTCGGTGAAAACGGCTGTC  
CGTCGCGCAAGCTGCCGGACTCTCTCTGTATGAACGACCTGACCAACTCCAAGT  
CGCGAATCGTGGTCTGAAGCTCATCCTGGGTTCTGGCATAACGCTCAGACGCC  
GGGCCATAATCACGCCATGTTGCGCGTCCCGCAGGACCACCTCCAGCGCGTGC  
ACCGTCTGCCGGTCAACCGACATCCTGGAGATCCTCCTGCACGTCGATG  
CATCGTGGTCGGAGCAAGCATTCCGCCAACAGCAACCTCGTAGGCATCCGAT  
AGTTGTATTGGCACTCGTGCACACTACGACTCCTGCACCGTAGTAGCAGACCGTGA  
AACCCGCCCTGGTGCAGGCTCAGCGCATTGGTAACATCTGGAACCGATCTACCGAC  
GTCAGCCACGCCGGCACGTGGCAGGTTGCCGTGCTGCTCTCCCTGGTCCAAT  
CGATATGGATTCTCGACACAGGCCAACAGCTGATTGCTGCCAGGATCTCGTG  
TTGGCGTCATGCCCTGCAGGTCCGTGATGCGTCTGGAGCAGACATTGCGAAGGC  
ATCTGCCGGTACTCCGAAAACACATAGGCCATTGCGATCTCGACCCCTGGCAAATTC  
GACAGCAGAAGGATCTCCGGCTGCGTCAGCCAGTCCGGTCTCGTCCCTGCC  
CCGTTGCCGTAGGAGATGAGATTGGCGAAGTCAGGGTGCACATCTGCTACCGAGAC  
ACGCGCAAGCACTGGCGTGGATCGTTGAGGACCCAGTCCAAGCGCTCCGAACG  
GAGGGAGACTTGCTTGTCCAGATACTCGACCTGATCCGAAGGAATGATGGTCTGCG  
TCATCTCGCGGGCATAAGCCACTGCAGGCTGGAGAAGCACACGTCGACGTAGTCTT

CAGTCCGGTGGTGGGGCGTCATGCAGGTGTTAGTAGAGATGGGATTACCGATC  
GCGCCATCGGCTCGGGCCCCAAGCTCGGGTCAGCCACCGCAGGAGCCGTGACCG  
AATCTCGTCGGCCAGTGTGCGTACGGAAACACCTCGCGCTGACTCAGGTCCACGTT  
GTAGCGCGTGACGCAGCGCATCACCTCGCGAAGATCGCACTCAGCGCCTCGG  
CGATCGTCTCTCGGTATCGCGCCGCACCAGCCCCATGACTCGCAGAACCGT  
CCTGTCCATCGCCCGACGCCACGAGTCATATAGGTAGTGCCTGACGTTGGAA  
GTCGGTGAATGTTCGCCTCCACATGCTGCAAATGACAAGTTCGTCCACCAACCG  
TAGAACTGTCCAGGCTGCTGGCGTTGGCTATTCGGAATGCCTGCCGCCCTCAACTG  
AAGCCCAGCCGCCGGCGTCTGGTCGATGTCGAACCGAACCGAGCCGAAGTAC  
TTAGCCCCATTGCAACTCCGGCAGCTGCAGCGATCTCGCGCCAGCTGCCAGGTC  
CAGATTCTGAATCCGCTTCCGTCAACTAGCCAGGACTTGGCCAGCTCCACGATCGG  
ATCGAGCGCGCCAGGTAGCGCACACCGGCCAGGAGCTGACC CGCGTCCGGCGTAAT  
CGGCATCACTCATCGACTGCAGAACTCTGCCATCACGACAGGTGAGGACAGTTGA  
TGGCGCTGCGATTGCCGTTCTGGTGCCCTCCACCTGTGCCGACCGCGCTGTGAGC  
CGCGCGTAGACCACGTGGGATAGATGTCATGACCTGCTGCTGCGACCGTCACC  
ACTTCACCAAGGCTCATTCTGCCGATCCCACCGCAATGGTAGGCGATCGCTTGG  
AGCAGCGAGCTCAACTCCGCTTGGGTCAACTCAGGAAGATA GATGAGCGTTCCCGG  
GCTATCCGCCATCGCCACTTGCAGGTCCAGGTGGTCCGGCATGTGGCACAGGA  
ACAAGCCAAGGTCAAGGTTGTCAGCTGTGTTGGCATGGTACCGTCAAGTGGT  
GGACTTCGCATTGCTGCTACCCACCGAACTGAAAGTCACAGAAAGCACAGCGG  
CGCAGGAAACCGCTTGGCCAGCAGCGCCTCTGGAGGCCCGTGCTCCTGTCC  
TTACGCCACCCTGCCCAGCGGCTGGGATCAGCCGCTGGGAGGCCCGTGCTACGGA  
GAGCAGGATGTCCCGATCGTCAGGATACTTACTGCGGGGTGATGTTGATGCGCTGC  
GGACGACCGGCCTGGTCGCCGAACACCGTCTGCCGAGCGTCCACGGTCAGCGG  
CAGCATACCATGAGCACACCCACGATGCAGCCAACGAAGGACGTGGCAATCGACG  
CCTGTCCCTGACCCCTCTCCTGTTCACCGGTAGAAGCCATACCGCCATGCA  
CGATGATGAACCCGACCAGGCACACCAAAGACTGGATGAGCGTGAAGACGCCGTTG  
GCTGTTCGGTTCCATTCTGAGCGATCGTTGACGTCCGGCGCCGGACATCTGAT  
CCTGTGCGAATGCGCCGAACGGGGTGAGAAGGGAAAGGCACACCAGCAGCAGGGT  
TGCCATTGCGAGCCAGGTTGTTACGGATCATCACTATCTCCTGGACTTGGT  
TGAAGGGTGTGCGGATTAAAAAACTCTGCCGAAGCCAAGAAGCTCGCGAGAGTG  
TTCACGGTGAGCACGATGTTGAGTAGTGCCGCCACCGAGAATGCGGAACATGGT  
CGAGCGGAACGTAATTCTCCGCTGATCGGTTGTCATTGAGTTGCGTACTGCAC  
CCAGCCCGTCACGGTGAAGAACAGCCGTAGACCTGCAGCAACAGCACGATGACCT  
TCATCACCATCGCGGCTCGCTGGCATCGAATCGGTTGGCTATAGGCAACCAGGT  
GCTGCACCGATGCACCGAATTCCCGTAGAGCAAGCCGAATGCCGTCCGTTGAC  
AGTGCAGGTTCACCAAGAGCTACGCCGGATAACCAGATAGAGGAATGCCGTTCCGAG  
GTGTGCTTCACCGCGCTGGTGTGCTGTTGAACCTGTAGAGACCTGGACAGTGAA  
AAGAACTCCCACAGGCTAGCGATGGTTGAATCAGTGCCTGACATACGGAGCGA  
CCCCTCCAGGTTGGCCAGCATCTGAGAAACGTCGTTATGGCCTGCCCTATCGCA

GCGAGGTACCGTTGTTGAGGCGCACCTCGTCCACATCCACTGCGGACACGG  
TACCCGCCCGGAATGGTGTGCCCGGTGCTACCGACACAGTCTCCCCGTTCTTGA  
GCTGCAGCCAGGCCGTCCTCAAGGACCGCTTCAGTGGATACCGCTTGCGGGCA  
CCGGTTCGGGCTTGCAGCGCAGGGCTGCGTTGCGGTGCGGGCTGTGTTGCGCTAT  
CTCGCGATTTCGGACGCGCAGGGCTGCGTTGCGGTGCGGGCTGTGTTGCGGGCG  
CGGTGGCAACCAGCGCAGGGCTGCGTTGCGGTGCGGGCTGTGTTGCGGGCG  
TCACCCCTCGCCCTCAGTGCCTCCAGCTCCGTTCAGCAACTGCAGACTGGTCACTTG  
CAGGAGTTGCCTGCAGCGCTCGCAGAAGACTGGCTAGTTGCAACCGCGACCGGGGGC  
TGCTGAGCAGCAGATTGCAGCGCTGGCGATTGCTGCTCAGCCTGCACCCCTGCTGCA  
TGGTCGTTCTGCTGCGCAGGCGCCTTCGCGCCAGGCGTCCCCTGGTCAGCG  
GTCAATGACACCGGGCGTCCGCCCGCAGGCGACTGGCCCGATTGCCCATTTGCCGTT  
TCTCCGGGTACCCGTACGGGTTAACCGCGGTGCGAGGTGCGCCCGTACCGGGACA  
GCTGCCTGCTCTGGACAGGGATGGACAGCGTGTCACTAGCGGCCCCGCCACGGTTC  
ATCAGCTGTAGCCGAACCATCCAACGAAGGCCACGATGAGGACGACAAAGCCGAT  
GAGCATGTACTTGGCCATGTTGGCCTTCCCACCTGTCTCCGCCAGGATTGCTCTG  
GGATTCGGTGGTGAACACCGACTGGTCGCTGTATTGCCCGGGCAGTGCATC  
GTCGTGATTGAAGTTGTTCATGGGGAGCCTTATTGCCGAATGCGGATGCAGG  
GACGTCGCTCAGAAAGAGCACGCCGATCTGGTTCTGGCCGATACTGCCGTGGG  
CTTCCTGTTGATGGTGGCTGCAACATCTGGGTTGCATTGTTCCGACTTGCCGAGT  
CCGACAAGCGCCAGCTGCCGATCATTAAGGCGTCTTCTGCACAACAACGGTTGT  
CCGGTGGTCACAACGTTCTTGCTGACCGCCAGCGATCAGAGCCTCGCTTACCCCA  
CTCAACACCGACGAGAAGAACAAACGAAGCCATCCGCGACGCCGATGCCCTGTTGAC  
GTCACCGACGCTAGCGCGGATGTCGTGGATCGATTGCGACTGCATCGATCTAAC  
TGCCTCGCCTTGTGCCCGCTAGGAGGAGTAAGACTGGTGAAGTGAATAAACCC  
GCCGGGCGCGAACTCGCTGGTCTCGATCGTCCCGCGCATGACGCTCCCTGCCCGG  
CCCATTGAGGATTGAGCGCGTACCGAGCGCAGTCGATCGTGGTGTGGCGTCCCC  
CAAGGTGATCCCAAGGTACGTGTCATTGCTCGCAGCAAGGCCGCTGGTGGTCTC  
CGCCATGTCGTCGGAGGCCGTACTTGCACCGACGCTGAGCCCACCTGGGCATCCTC  
TGCTTCGCTGCCCTTCTGTTGATTTACAGCCACGCTTACGGCGTTGCACACTG  
ATCCAGCGGCCAACCAAGGTTGCTGACTGCTGGACATGATCGCGTACCGTGCTGG  
ACCTGCTGTTGCTGCTGCAAGCCTGGCTGGTAGCTTGCCTGGCGCTTGCGCT  
GTGGTGGCGGAGCGGCCGCGCTGGCACAGCATTGTCAGGCCGGTGGCATTGG  
ATCGATGGTGACCTCGCCCTGGCTCCGCTGCCGTTGAGCAGACTCAGGACAATT  
CATTGCCGTGCCACCGGTCTGCTGCCGCTGGTACAGCGCTGGATGTCACACTGTTG  
GCCAAGGCCCTGTCAGCCTGGTGGCAGCGCTGGCCGCTCGGTGCGACGGTC  
GGCTCGGGCACACTTCAAGCACAACCTGCCATTGTTGGCGGGCTGCCGCTCCC  
ATGAAGCTAAAGGCCAGCACCAACGACGACTCAGGACAATTCCACCGATGAA  
GATGAGGCCGGTTGGTCCGTGTTGAGCGCGCTGGCGATGTTGCCAGCGCGTAGTT  
GATATCGCTTCTGCTGAGCCATCACGGCGCCTCTATCTGACGTGCTGGACTTC  
CGCTAATCGACACCACAAATCGGGTCGGTGGATTGCTAGTAGCTGGTGCCGT

CCGGACTCTTGCCTGGATTGCGGTAAAGCGGGCGACAGAAGTGTCACTGGCGTCTTA  
CGTAGTAGGCCCGTTGAGGCCAACGCTGCACATCGGGCTATCGCTCTCAGCG  
CGACAGCACCTGCGGGATGGCACCGGTAAATAACTCCAGCATCGTGGTGGTCACA  
GCACTGCCGGCGCTTCAACTACCTGCGAGCTCTGGCAATGTTCCGCCATGACC  
CGAACATCTACCCGGTAGTCGACTTCCCCTGACCCGTATCAACATCAGCGGGACG  
GGGGCCGAAACACCTTCAAGGAGACGGAGATGTTCCCGTCGATAGGGCTGTGT  
GGGAAATAGCTTGAGAACATTGCTGTTCTCGGCCACCGGGAAAGGCCTGAACCCCTC  
CTTCATGAGATCGGGCGACGTGATCGTAGCGCATTGCCGATCCGTCCACGAACA  
GCACATTGTTACCGCGCCATAGGCCAACGCGACCACCGCCGGTCTGCCCGGGGG  
GCCAGATTGCGACTACGGAGGTTGATACAGGCCTGGCGTGCACCGCCTGCTATC  
GACCGGGCACGTTCCCGCGTCTACGAGACGACGGAGATCTCGGATCTGCTCTGGT  
GTGAGCGGCGCAGCGTTGGCTTGACCGGATCGAAAGCGACCTCATGACCTCGGG  
AAGGATCGGCAGGCCGGCGCCGGCACAGTGGTACCGGCAGGCCGGCGCCGGT  
GCTTGCTGCAGGGGTGCGGCAGCGGCCCTGCAGCTGGTGCCTGCCATGGCCGC  
CGCCGACGCCAGCAATGCCGCGCTCGCCAGAAACATCGTCCAGGATATTGCCG  
GCGTTCTCGGCCGTGTACCGCCTGATGCCAATGCCATACTGGTCTCGTACTCGGG  
GACCGTTGCACGGTGGCTGTAATAAGCAGGTTCTGTCGCCAGACCTCGACCGCC  
CTCACCGCCCTGGAAGCTGACCGAATCGCATCTGCACGGTGTAGGTCAAGACGC  
CACCGATCTGCTGCTCTCGATTATGACCGGCACGCCCGTAGCGACTGCTGAGTCA  
CAAGACGCTGGCGCGGACCGCCTCAAGGTTCCACGCCGTTCCAGTCCCTGCCAA  
ATGCGTTCCAACGCCATCCGTAAAGCAGGTGGAGATGGATTGGAAGCTTGCTGG  
AAGTTGACGAAGTCGTAGGTGTTGGCGCCCTGAAACACACTCCTGGACACGAGTGAG  
CATCGCGGGTTGGCCAGGTACGGCTCGTCAGCGCACGAGGCCGACCATACGGC  
CCGTCTGAAATCGACGCCAAAGTACTCGCGCCGTACCTCCCGCGCTTTGAACA  
TGTCCAGCCCACCTGGGCACATTGCGCAAACGACAAAATTAGATTGCCAAACC  
AACTCCGAAATGGCGCCCATAGAAGGCCAGCTTGCTACATCAATTGCCAGCGGC  
GGATAGGCCACCTAGCGGGCTCACTCGCTCAGGCTTAGCCTGGAGCTGGCAGGCC  
TTTCGGAGAATCGTCCATTGCGCGCCACAACGACTGTTGGAAATCGTTCACGAGGAT  
ACGACACCATAACAGGCCGGTCAACGATATATGCCAACGAATGTGGCCTTGGCG  
TGGGAAGAACGGCATAGTGGACACCGATTGCACTCGCCGGTCACTCGGCC  
GGCGCCATTATGCGGTACAACCGCGCACATCAGCAGCTGCTGGACGTCCATTCC  
ACGATGTAGCGCCGGCGTACTTATCGCGCAGGGCTACAGCGGTATCACTTCACT  
GACTTACCGACCAAGTGTATGGACGTCGGCAAGCACCGCGAAAATCACTAGAA  
ATCAGCTGTTGGCGGCCGTGTACAACCTATGCCGGAGAGCTGTGGCTATAAGGA  
TTTGGTAACCGTATGATGGCGAATTTCACAAACTATGCCATCGAGGGAGCACCA  
ACTAGGCCGTTCTCTCCAGCCATCCCCCTTCTGGGGGGCACCGGGACTACAGCT  
CTTCAGATTACCAAGTGCCTCATCGCGAGCGCGTGCAGGCAACCAGCCTCA  
TTTCAGCCTGCAAATCCAAGGCCTCGCTGTGGCTATGACCGACAGCACATCGAAGC  
CAGCGGAACGTAGGTACCCCGAGAGCGCCGAGGCCGTAGCAGCCGTACCGAATCCT  
GCCATTGCGGTAGCCTCTGAGACACGGCCGCCGACATATTGCCAACGAAAGT

GAACACGTTGGACGATTGACGCCGCTGACCTGGCTTACCGAAACAAGTCGAGGT  
ACTCTTCAGCCCCACTTCTGCGCTGCATGACGCAATTGCGTCCAGGATCTAACGC  
TCTGACGAACGTCGCCAGGCTTGCATGACGCAATTGCGTCCAGGATCTAACGC  
AATCGTGCACCAGCTCCTCTGGAGAGGGCAATGACGTACGCCCTCTGGTCT  
CCGAGCCGGCGACGCCGGCGACGGTAACACAGTGGTTCTGGTGGACCGG  
CTGCATCGGTGCACGCCCTATCGGGTGGGGCGTAGGCGCGTGGGAGATC  
CCGGTAGTCAAGCTCTTGGCGGGCGCAGCAGAGACAGCGCCAATAC  
CACAGGGAACACCGCCTCAACGGCACAGCGAAGACCGGAGCTGGATCTGATT  
ATGGGAACACCTCGAAAGCGGTAGGTCCGCTGGCCGGACTATACCGCCCTCGGA  
TACTTATGCCAACAAAAGTGGTGCAGGCAGCTGCCGGCAGCTGACGGCTGGCTTA  
GCACCGAGATGCAGGGCTCCTCCTCCGGAGAGTTACTCCGGTCAGTCGTTCGCGC  
CACATGCTGGATTAGCAGCTCCGATACAAAGGGCCAGAGAATTCTGTTCCGTAG  
GGAGTCATAGATCAGTTGTTACGGCTGCCAGTTGCTGCCAGCTCTCTCCAG  
CTTGGCTCGCTCGGAATCGAGTGCCTAATCGAGCTCTGCCGTATGAAGGCG  
CGCCTGTAGCTGCAGCTACGCTCGCTCCGAGATTAGCCAGCGTGGCCTC  
GTCCTGGCTCTCGCTGGTCTCCAGGTCAATGTGGCTGCTTC  
TGCACAGGCTTCAGGCGTGGCATTTCGCCACACGAAGGAAGTACGGTGCCAG  
CTTGTGCTCTGTACCTGCCCTCTGAAAGCGCGTACACAGTACTCGCACCGC  
GCGTAGTCGTTACGGAGTGCTCGAACAAACTGACTACAGATCCATACCAAG  
GGTCATCTCCTCGCATTGTCCAAGCCCATGCCAAGGATCTGATCGCAATGC  
AACGCTCACTACCTCGCGACAAGCTGGTTAACACCTGTCTTGAACCGC  
CACCGGATTACCTCGCGACAAGCTGGTTAACACCTGTCTTGAACCGC  
GTCGTACACGGAGTTGCCAGCCACCCAGCAATCCCTCAGGTCTGGCAGAGC  
AAAAGCCGGTGTACGCCCTCTCCCGTACACCATGCAAGTCTCGTACAGGCCAA  
TGCAGGACTGCTCTCATCAGGCGCGTAACGCTGCGTAAGCACTCCGCTGACTTC  
GGGATCGTAGAGGCCTGCGCAGCTCCGGACTGAAGGAGTAGAGACAACCCAT  
CTTCGATGCGCGCAGAGGCAGTGTGGCGCTCACTGCCAGGCAGCGCCCGTCG  
GAGCGCAGAATGTTCACTGCACGGGGATGTAACCAGCCCCGTGAGTGA  
AGGTAAGGCGTGTCTGCTGTTGAAACCAAGCGAGGTAGGACAGCACGCCA  
GATTGGTGGAAATGATGCTGAAGTTCGGCAGCTCGTACAGCCGTTGAGGAGCA  
GAGCGCGAAAACCTGCGTTGAGCAGGGCAGACTATTAAAGATCTGGATGGCA  
CCCACATGCTCCGCACGATCATGTTGCCGGTCTTATCGCATTGCGTACAGGGATT  
GGTGCAGTCTTGAATGGGAGGCTGGTTGGCGAGTGCCTACAGGGATT  
CTTGGGCCGCGGTCCGAACGAAGGATCAGCAGATGTATCCAACGAAAGTGGTT  
CATTGAAGCACAGAACGCCGATGGCACCTCAGTTGACTGCTTGGAAAGTCC  
GGGTGCTGGCAGGGTGTGGTCCAGTCGACTGTCCCATGTTGGGCTTGGCTGCG  
TCGGCTGCCCTGTTGTTGCTTGGTCTTTAGACAAACAATACATACAAGGGCAGCT  
GGCGAATTGTAACATACTGATAAAAGAATTCTGTGCGCAAACCTCCCTGAAT  
GGGGAGTAATGCCACTCAATGGGCGTAACCTCCCCGTTCTGGGAACGAACA

CCCCTGATATGGGGAGTCGTGTCAGCCGGAGCCTCCCCAGTGGCGGGGTGAACCTCG  
CCCCATAACTGGGAACTCTCCCTTTCTGGGAGCCCCATGAATAGGGAGGTTGG  
GGATAGCTGGCACCGCCTGTCGGTGCATCGGCTCCGTCGGCAGACGAC  
GCGTAGATATCCACCCATTCTGGGCGCTGTGGTCAATCTCGCTAAATTGTTGTT  
GACGTGTTCCATTAAACGGCACAATACGGTAAAAATGGAACACCGCAACACAAC  
CTCAAGCAGACATGGAGACAGTATGAGCACGACCGCCAGCAGTCCCCACCCGG  
CCATTGGCGCCGATTACCTTGTGCAGCTGGCATCGCATTGCCAGATGGTCATGC  
GTGCCAAGGACTTTCCCACCCAAGCAAGCTGAGTCCGAAACAGGGCGAGAGCCGC  
CGGCTGAGCTGCGGGAGATTGCCGACTCGATTGGCGTCAAGCATTGACGGTCAAC  
CGGGTGGCCGCAACATGATGAGTCCGGATGCTGCTGGCGACTGAAAGTCCGAA  
GTCCACGGGCGCACCGGTTACAGGTATAGCCTGGCTGAAGCGGTGGCGTGC  
AAGCGATCGCGGAGCTGCCGAAATCCGAAGAACAGGCCAGCTGGACCCGGCG  
TGGCGCCGGCGAGCCCTGCGTACGTTGGAATCATGAACCTCAAGGGGGCGTC  
CGAAATCGACCACCAACGGCTCACGCCGGCTTACCTGAGCCTACACGGCTACCGA  
ACCCCTGGTATCGACACCGACCCGCAGGCAACGCTGTCGACCCCTTCGGGATT  
CCCGATATTGAATTGTCGAAAGACACGCTGCTCCCTTATTGAGGGTTCCGAG  
ACGTCGCTTGATTACTGCATCCGCAAGACGGAGATCCCCACGTTAGACGTGAT  
TCGAACGTGGGTTGGCGTCGGGATCTGGTGCCTCGCTCAGCGAGATATG  
CGTCAGGCTGGCGATCTGCGTGGTCTACATGAAAGTCTGGCGGAAGGTATCG  
ACCATCGAGAAGGATTACGACGTGATCCTGATTGACTGCCGCCTCCATG  
CTGACCACAGTGGCCACCCAGGCTGTGACCGTTGCTGGTACCCATGCG  
ATGCCGGATTTGCATCCTCCGCTCAGTCATCCGGATGTTGGCGGCTCCA  
GAGGTGGACGAGGTTGTCGGCAACGCAAAGAACGAAATTGACTGG  
ATCCAGGTTCTCAT  
TACGCTGGGAGAGAACACAATGCCCTGGCGAAATGGAAGCCATCATCCG  
CGTATGGGATCTGGTTATGGGTGAGAACAGTTCCCTATCTGACGG  
CGTGCAGCTGGCGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG  
CGGCAGAACGCAATGCGCACGATCTACGACGTAGCCGTGCGG  
ACACTGACACCCGC  
CAGCTGAGCAAGGCCATGAACATCGTCAATCAGCTG  
GCCAGTCCATTGAGGCCCG  
CCTCCTGCTCACCGTGC  
GAGGTTGACTGCACAGAGCAATGGCAATCAAGGC  
GAGA  
CTGAGGAGGCGGCATGAGCAAGCAGAAGGCAAGAACGCG  
GGCGCTGGCGCGAGAGGGTGGCTCAACTGCAGGG  
CAACTCGACGCCGTGGCAG  
CAGCGGGTCGGTCAGCTGGTAGACCCCG  
GAAGATCACCCACACGCAGTATCGC  
GATCGGGACGAGCTGGATTCC  
CGACGAGAACGAGAAGTATGAG  
GGAGCTGAAGGAAGACAT  
CCGGCGGAAGGGACGGAACGAGCAG  
GCCATTCTCCTACG  
TCCCGCTCGCGCC  
GAGA  
ATGTCGCTGCCGGCT  
CGAGTTGAGGTC  
GTCTGGGG  
CATCGCGT  
CATCGCGTGA  
CATCGGA  
ACTGG  
GCATCC  
CGGTG  
GGCT  
CAACTG  
AGGG  
CTGG  
CTTAAG  
GGCT  
GGTCT  
GAGA  
ATATGG  
TTGC  
AATCG  
GCCGA  
AGCAGA  
AGGCGT  
CCACA  
AGGCA  
ACAAT  
CAGTC  
GGAT  
CATG  
TCGAT  
CA

ACGACCTCCCTGACGAAGTCTTGCTGCCTGAAGGATCCCGCAAAGGTACCGGCC  
TATTGCGCGAAGTCCCTCAGGCGGCTGAGACGAATGAGGAAGCCGTTGCATCTC  
TCAAAGACATGGAGAAGAAAAGTCACTCCGGCTGAGCTCTTAAGAAAAGTGC  
GTCGGCCCCAAGATGGATCCGATAGAGTTCAAAGCGGGGAGCGGCGGATATT  
GGCGGTTCCCTGTCGCCGCTGAAGGCACCAAGTCACTGCAGCGACTTCATAT  
CGAACCTGACCAAGACAAGTTGAGGAGGTTGGCAGAGTTGCCAGCTGTTGA  
CCGGTCTACATGGCAGTGAGATGAGCCCGCGAGCAGGGCTTTCTTCCTGC  
TTCAGCTCGGGCTAGTTGCATGGTCAATTCAAGGGCGCATCGGTATGCCAC  
TGTGGGGCACGACAGAACGGGTGGTACGGCGGTAGAGGGGGGCGCCGTC  
GGGAGGTGCGGGCAAGGCGACAGTTCACGAGCGACGCTGCAATCGGGTGC  
TGCAACTCGGGCGATCCCTGCTCATGCGCAGCCAGGGAGGCGCCTAGGACGG  
GTGTTGCCAGCGGACACGGCGGCCAAGGAAGTGCAGGGCTGTCAGTTGC  
GTGCAACTAGAGGTACGGCTGCCACCATCGCGAGTTGCACGGTCAACTCC  
GCGTCTTACCATCATCAGGAGTTGCACGGTCAACTGTACCAACACCAG  
TGCCGGGGAGGGGGGGCAGCAGAACATCGGGTGCACGGTCAACTTGAGCG  
CTGCGACCAACTCCCGAGCTGCAGGGACACCGTAGCTCGCGGGTGTGCG  
GATGCCGGTCCCAGGAATCGCGTGGCTGTTCAGTTGCACGGTCAACTCC  
GCGTCTTACCATCATCAGGAGTTGCACGGTCAACTAGCACCAACACC  
TGCCGGGGAGGGGAGCCGGGAATCGGGTGCACCGTCAACCGTCTGG  
CCTTAGGGCTACCCTCACACCGGTAAGGTAAGCCCCAACCGTAATCT  
TATGGGGGGATTACTCGCTCAGCAAGTCCCCGTCAGCGTCAGCTCAT  
CGCGAGTTGATTGCGAGGCTCTCATCGCGTGCAGGCTGCG  
GGCCCCGGCGAGCTCCTGGAGCACACCTTCAATGTCTCCATATCG  
TAATCAGCGACGGGTTCCAGCGCTCTGGCCACTCCAGTC  
GTCGCTGGCTTAGCTGGCTCTAGGTGCTTAGTATCG  
TAGCTGGTGTCCCAGCCTGCCCTCCCGGCCACCATAGATGT  
ACCG ACCACCTGCCCGCAACGCCGCCTGGCATTCTGCC  
GCAGTAGGGGCCTGGCGTGGCCGGTAAGCGAGCCAGATAGG  
AGCTCCTGCCCGCGCTTCAGTGC  
TCGCCCAGGAGAAGGCAGAGAGCGGTCGC  
CAGCTGGATCTCTCAATCACGGT  
AGCTGGGCGCTGGCCCTGCAAGCAGGCG  
AGCGGCCAATTGTCTCCGC  
GAAGTGCGGGCGCTGGCCCTGCAAGCAGGCG  
AGCGGCCACTCG  
CTGGGCAGAACGAATCTTGCGGCC  
GTCGCACGACATCCAACCGCT  
CTTAGCGGGCGCCGACGGAGGGCG  
GGCTGGGCTGCGCTCCG  
GTGGCAATAAGTCC  
CCCCCGATGTGGGGAGCC  
TATTGCCAC  
GTGGCAATAGTGC  
CCCCGATGTGGGGAGCC  
ACAGCGCACATATGTGG  
GCAT

GCGCTGGTGTGGGTTGACTCCAATTCTCCCCATATGTGGGGCGCACAATAGTGCTCT  
GTATTGGCGTAGAAAGCCAGGGAGACCGCCGCAGCCTCTCATGCAAGCGACGCG  
CATATATGTGCGCCGAATGCAGCGCGTTGTTGAGTGCACGGTCAACCCGAACC  
CTCCGAGTTGCACCATGCAACCGAACCAACCGAGTTGCACCCGCAACTCGGTGACTA  
GCGGCTTGGCTTGGCGTCGGCGCTCCCGCCTGGGCTGAACCTCGACAGCG  
GATCCCTGTGTTCTACGGTGGCACGTTGCTGACGGCGAACGCGGAGCCCT  
TGCTCCCTCCACGACGCTTGCCTAATGCAAGGATGGCTGTCGCGTCTGTCTTGTGGC  
CCATCAACGCCAACAAACCTCAAGGATTGGCGAGCCAGTAGACGATTGCTTG  
GCATCGGCACAGACTTGGTGTGCAAGGAATAGAGCGTCGGCCAGTGCTGCCGATT  
GCCGGTGGCGGAAAGATCTGCCGGTAAGCCGGTAGGTAATCCCTCATGTGCTT  
CAACAGCTCGTCAAGCTAACGCCCTCCCATTGGCGTCCAGGATTGACCACTCTG  
CACCGCATCTACGAGCTAACCATCTCGTGTAGCGCGCCAAGCTCTGTGTCGTCAG  
ATCATCCAGAACGAGCGTGCATGACTTCCGTTGCCGATCGTTGTGGCTTGGC  
ATTGCGGACGACCATAACGGTCATCCCGTCATCACCGGACCGGATCGATGCCCTCAGC  
CCACTCGCATGGTCGAGACCCACGAGGCTATTGCCCTCAAGAAAGGTTTGGAGGCC  
AACGGCCCAGGAATGGCGGCTCGGAGATCCCTGTGGACTTCTCGCAGCACCA  
GGGCGAGCTGGATGCCCTGAACGACTTCGACTTCAGAGCAGAGCCGCCGCCCT  
TGC CGCGTATCCGGTCTGCGCGTGAATCGAGCCGCTCGATCGCGCGCTAAGTA  
ATTGGTGTGTTGACGGAACGTGGCTTGGATATGACACCAGCAGCGGCCGCT  
CGGCAGCAGAACCCCTGCATCCGGACGCCGCTTTACTTGCGCCGGCTGAAGACTGCT  
TTGATGGCGCTTAAAGCGGCAATGCGTCGGTGCCTGCTCGCTGCCATGCC  
CCCGTCCCAGTAGGTCGACCATCGGAGCAGATCCATCGGAGCAGATCACCGGGTTCTGA  
CCACGAATCCTGGCGCCCGTTACGCAAGTCCTCGACTCGACGGCGGTACTGGCT  
TCTGTTCTCGGTGCGGGTGTGCTCGTTGCTATAACTCGATTGGTGGCAGAGCAATC  
AACTCGCTCCCTACGTTACACACGAGGAAATACCCCGCGTGGTAACGCTCTGGCTA  
CGCCAATAAAGACGCCACCTTATGGGGCAGCTGGACAACGGAGGATGCGTTCTGC  
CGGCCCGAGGGCAGGGCGCACGGAAACGAAAAAGCTCCATGCCGTCCGAGG  
CCGGATGCGATCCCATAAGAGGGATGTTGCGCCCGATAGCACCAAGCAAGACCG  
GAGCCGGGTGGCAGCCAAGCCGCACAAATACATGCCAGGAAATCCCTATGGTCT  
GCGAAGTCGCGCGTTAGCGACACATATACGTGACCGCGCACAGAGCCGGCTGTCA  
CATTGTTGCGATATATGCGACCGAGTACACGGTGGAAAGTGTGGTGCCTGGGGTGGT  
GATGTGATGCTGTGGGGGTTGATTGAGAGATAACGGCGGATAACCTGCGCCACA  
AATGTTGTGTAATCCCTGCCACGTATTACCAACGAAAGGCAACGTGCCCGATGCG  
TCGCTACCAAGCTGCTCCTCGCCACCTCGCGGGCTCTATCCGCTGGCTGCGCCAC  
CACCAAGATCAGCGGACCATCCCGCGTGGACCCGGCGAGGAGAATCTACCGCCG  
CGGCATCGGCCATCCAGCAATCGTTGCGCGACCTCTCGGAAGCGGAGCAATACGAC  
AAGATGCGAGCCGTGCCGGCACCCCGCGTCTCGCACGCAGATTCCGGGCTGG  
GCGGATGGTGACCATGCCCTGGAACGGTCCGCTGGAGGCCAGCGTATGCGTTGGC  
TGC GGAGGGCGGCTACGAGTTCAAGCTCTGGCAGGCAACCGGCTGTAGGCATTG

TGGTGCAGGTGGGCCGAGCCGCAACGATCTCGATCACCTGCGAAATCTGGC  
ATTCAAGGCCGGCACTCGCGCTGACATCGCAATCGAGCCACTGCTGGCGGGCGCCG  
CGGCATTATCGCAATCGAGTACAGCAATGGCGGTCTGTATGCCCGCCGAACCTAG  
ACCAGGCCTTGGTGCCTCGAGCGAAACGGTGCTGAGGTCCGTGATTGACGCG  
ATTGGCGAGTTGCGCGTCCGCCATTGAGTCAGCAGCTGCTGGCCAAGCAGGCACCG  
GCTGGACTTGCCCCGGCCTTTCGAGATCCAGCAGCTGCTGGCCAAGCAGGCACCG  
CAGCTGGACCGAGCCTTGATTCGGCTCTGCTCATGGATCGAACGTCCTTCCCC  
CGGTGCTGACTGAAGCGAGTCAGGTGTTACCGAGGGCACCTCTCCTATGACCCACCCGAGGCCAT  
TCACCGACAAGATCTATCGATCGCGCTCAAGCACAGTCGTAACGGCCGCCCTA  
CCTGGCGCTCGTACGTCGTTACCGAGGGCACCTCTCCTATGACCCACCCGAGGCCAT  
ACATGGCACCCAAGAGTGGGGATGAGCGAACGGTATGGAAGCAGGCAGGTACCGAC  
CGGTTGGAAGGCAGGGAGCAGCAGGAGACACCAGATCCTAACCGAATCGCTTAACA  
GGCTTAAGCGTACTATCAGGAATGCTGCTGTACCGCGCCTGCTTCAACAGGGCG  
TCGTCAGCAAGCCATATGTGGCCAGGGCAACTACGGAATCACAGGCGACGGGAC  
AAGGTGAACATCAACGAGCGATGCTGCGCATCACTGCGCTGCCAAAATGCAGCC  
GCACACACAGTGGAAGCCAATCGCGTCCGGCAAAGCCCATTAGCCAACACTGTC  
GGGTGAACCCATGAACCGGGCTCTCCGACCAGAGCCTGATCGAGCGGGCGCTGC  
TGCATCAGAGCCACTGTCTCGACGAAATCGGTGTCCAACAGCTCTGGTCCATG  
CCAAAGCGATGGCGCCTCGGACGTATACTCAAGACGAATGCCAGAGTCACCGCG  
CGGATCCACGGCCGGCTGTACCGGCTACCGGCCACGCTGTATGCGACGGAGGT  
GGGCTCATTGCCGGTACCTCTACGGGGGCCAACGCCAGGTTCAGCTCAAGC  
GCGGGATGGACCTGGACAATGCATACACATTCCGCTCAATCGCTCCACTCGCTGC  
GCTTCCGTTGGAACGCGACCGGGCGGAGATCGACGGTCGTTCGGTATCTGATCA  
TCCTCCGGAACCTCCGAGATTCCACCGCAATCGACAAAGAAGACTTGGCGAT  
GACCTGTATGGCGCCTGTACCCGGACGACGGCATCGTATGGTTGCGGTCCGACC  
GGGTCAAGCAAGTCGACTCTCTGGCGGGCATGATTGGGATATCGCAGAGAACCC  
CGATTGCACTGCCACATCATCACCTACGAGTCGCCGGTGGAGTTGTCTACGACAA  
GGTCGAGAAGCCGACGACTGAGATTGAATCGACCTCCATCCGGATCACCTGCCGA  
ACTTGCCGCTGCAATCCGCAACTCGCTCCGGCGTACCCAGACATCATCGTGGTGC  
GTGAAATGCGCACGGCGAGACGATTGGTGCAGGCCATCCTGCTCGCAGACAGGT  
CACGTGGTGTATGGAACGGCACACAGTACTTCTGTCGGCGCTACTTCACACGCACC  
ATGCAGAGCCTGCCAAGAACGAGCAGCAGGGAAATGTTGGTGGCCTCATCGACTC  
ACTGCGCCTCATCATCTGTCAGGAGCTCGTCCAGTCCACCGACGGCAAGCGCGTGGC  
GTTGCGTGAGTACCTGTCATTGGGGAAAGCGAGCGCCGCGCCTGACTGCCGC  
CATGCGGGATCCTGCAGGTGTGCCGTGGCGCAGCAGCTCACCGCGAGCGCG  
GGCAGACCAAGCTGATGCACGACGGAAAGCTTCTGCTGCCGGTCGATCAAAGAG  
GACGTGGTACTCCGCTCGAGCTCGCCAGCAGACCGCAAGAGCGCAGGTAAGTT  
GCTGGCCGGGGAGGGTGAGTGATGTCAGGACCGCAGATTGGCGCAACACGTCACT  
GATGGCCAAGTTCTGGTCTTGACGCGCGCATGTATCCCCTCGTCATCCTGTT  
TACAGCCGTCGTCGCCAAGCTGGAGCGTCCATGGGCTGTTCTATTCTCTCG

GTCTTGTCTTTACAAGTACACGCTCGTGTGCTCGTGC GGCGCATGC GCTGCAAG  
CTCGCGGGCCTGTGCGGTCCGGCGTCGCCTGGCATCGCCCACAACGCCGCTG  
TATCGGCATCGCTGAGCCAAGCGCAACTCACCAAGATA CGCAACTAAGCGAGAGAAC  
CGTACCAATGAATCCCGCGCGAAAGGCCACTATCAACTGGGGCATCTTCACAATGA  
AGGTGCTCGAATATT CGCGCTCGCGTAGGAGCGATTAGCGTTAAGAGCACCACC  
GACACGGTGGGATGCTGCTGATCAGACCGCGCACAAGTGCAGTCAGAA  
ACTTGTCGAAACCAATGATCCTGCACTTGC GGAAACGGCATTCAAGTACGGTCGCGA  
GGTCATCGGTTCTCGACGCCACGGCGCTGACGCAGCAGGTCTCGCGTTACGC  
GCTGGCGCAATCACCGCGTCTCGCAATCTCATTCTCCTCGGATTGCCGAGCAT  
CGACCGGGCGGGCATGCCAAATCGCGTTGGTCGCTGC GGAAAGACATCCGTACCCA  
ATGATATGAAATCGACCCCTCCGATGGCAATTCCAATGACTGAGTCCAATCCCATT  
CTTGTGCCGTCGACGACGGTTTCGCCAGATCAAGCTGTAACCGCAGATGCCGC  
CACGCGCAGCTGAGCGTGGCGCGCCAGGGTTACCCCTGGCGCGACTGGGCTC  
CGCAGGGGGTGACGCGGGCGCGCCCTACCGCACGCAGGGCGGGATTCACTG  
TTGATCCGGACATTGAAGGCGAGGACACGCGCTTGACGACTATGCGCTATCCGATA  
TCAATCGCGTCCCTGGTGCATCACGCCCTACGCCAACGGCTGAGCGGTGCGATG  
TCGTGCTGGCTTCGGCTTGCCTCGGACTTACTCCGTGCCGGTACAACCGAATC  
AACGGAGATCTGCTCAAGCGCAAGATGGAGAACCTGGCTATCCCCGTTGAGTCGA  
TGGACGGTCGCAAGCCTCCCCGATTGTCGGTCAGTTGTCGGTGCAGGGCCTGA  
TGGCCTATATCGATTACGCTCTGATGACGCCAATAATTGGCGGGAGGAATGGACC  
CCAGCGCGCCGGTAGTGGTGGATGTAGGC GGCGTACCGGATACGGCAACA  
ATTATCGTGGGTCGACCGTTGATCACGCAGCGTGGGACGATCAACGCGGTGTC  
ACGCATGTGCTCGACCATCTGCGCAGCCTCATCATGGCGAGGTTGGTGC CGGGC  
GTTCGTCCTCGGACTGGAGACGTTACTACGATCGGAAAGGTGCAACTGCGCGC  
GAGTGGCATGACATCTCTGCTGAACCGAGCAAGCCGTCGACCTGGTACTGCAGCA  
AGTCCGGCGAGCTGCAGCGGGTGGCGACGCTGCAGACATGCAGGCAGTCC  
TGCTCGTCGGCGGCCGCGCTGTTGGCCAGCGGCCGTAAGACGGGTACCGG  
CACTTGGTGGTGCTGAGGATCCGAGTTGCAATGCCGAGGCATGCTGAAGAC  
GCTCGTGGGAACTGTTGCCGATGAGCGATGACGCGCCGTCGGAAAGCTGATGCG  
GATCCCGTCTACGAGGACGACGGAGATGAATGCAATTCTCGATCGATTCAATC  
AGGTCCCGAGAAACTCGCGCAACCGCGAGGACGCGCGCCGGGTGCAGAGAG  
CGAATGGCTCAGACGGATCCTGTCGCCGGCTATACCCAGCTCCACGGGCCGTTCTA  
TGC GACTCAGGGAAAGCCGGCAGTAGGTCCTGAACCGCCGACATTGGAGGTGCTC  
ATGCGCCACGCCAGCGCCCACCGCTCGCAAAGGCTGATGATCCGCCATCGCG  
CCGGAAATAACAAGTCAGGATAACCAAACAAAAGTGCACATTGGCGCCCTCGTC  
GAATAATGATACGGCGCAACAACACGGCACTCGGCCGCTCCCATGAGCGCCGATG  
GCCTCGACTTCAAGCTGCTGGCGGGCAACAGCATCGTTGAGGCCAAC  
CTACGTGGATGCCACATGAAAAAAAGGTCTCGCTTGTGCGCTGCTGGCGTT  
GGCACTTGC CAACCAGGCACAAGCTGGTTCCCGCGTGGCGTGCATCGAGCCTGCGC  
GAAGGTTGCGGGTGCAGCGCGTCCGTAGCAGGGATTGCTCCCGAAGCGGCTATG

TGGCAATCGATGGCCAAGAGCCACCGCCGATCACGGAAAGCGCTGCGTCCGAGCTCT  
TCAGGGTTCGGGTGATCGCTGTCATACGTGGTGGTCCGCCGGCTGTAATTGAG  
CGCCGTGCCGGTATGGGGCGCATGTACGGCTCGCTGACGCGCTAAACAGATCGC  
GCCGGAGGGCTGGCGTGGATTGGAAATCTGAGATGCCGGATCATTGATCAA  
ATAAGCTTGTCAACTGGCGTGGCGGACGTCCGTGGACTGACGTGTTAGACATACTG  
CAAATGAAAACGACCTCTCGATAGAAGTCGATTGAAACAAACGCCACTTGTACGTC  
GGCAAACGTGATTACCCTTAGCTTCAGCAACACGGGCGCGCAGCGTCTCGC  
CACGGCATCGACGCAGACGGCCATCAGGCCAACAGATTGGTCCGGAAGGCTG  
GATCGACTGTACGAGAACGGTAGAGCAATGGCGCAGTCACAGTCCTGGACGGTG  
TATTGGCCCAGGATCTTGACTATCGAATCGTCGCCGCTGACATTGATGGA  
TCGCTTGTGATCGGGTCAAGCAAACTAACCTGCTCTACGAATCAGCCCAGCGACCT  
CTGGCAGTGGGATTTCGTCAATCAGAAGCTGATCCGCTATTGGAAAAGGAAGC  
AGCGAAATGAAGTACCTCTTCACATTGGCTGCAGCCGTCACTCTGTTGACTGGATGC  
TCGCACAGCATCCGCAATGCCGACCGCGCTTATCAGACGTTGATGGTAAGCGAA  
GAAGCTGCTGATCGATATCGGACTCCGCTGTCCCCGCCAACCGAAACAGTC  
CCATTCCAACTCGCAATGGTGGAGCCGGTACCGATGGCGTCACTACTCCGAAGC  
TTCCAGCAGCTCTGAGATGCGACCCGGATTCAAAACCTGGAGCCAATGGTCTCC  
TTGAATTCGCGCAGCGGTTCGGAGTCCTGCAAGATGGCAGTACCGTTACAGCAG  
ATCGCCTATCCGCTTGGCAGTGGCGATAGCAGTAGTGAACGTCCGGACCGTCCG  
CAGGTGCATCTGTGCCGGTGGCGGTATGCCCTACCAAATCTCCGATGTTGCCGC  
CTGTCACCGGACCCGCTGCCAACGCAAGTGGTGAATGGTGGTCCGCCGGCGGA  
GCTTGCTAAGCAACATCGAATGGAAAGGCCACTGGCCGGCTGCTGATCTCGTC  
GCCTCGCGATACGGGCTTCTGGCGTTACAACGAGCGGAATAACAGCGTCTCGATC  
TTCCATGTGGACAGCCGACTTCCAGCTGGACCGTCTCCCAACCAGGGTACATT  
CAGTCACCGACCCACAACGGCATGAGCTCTCAATTAGGTTCCGGTGGCGGGCGG  
CGGCGGCGGCGGTGCCAGCAGCGGGTCCAGTGGAGGCGGGTAAGTGAACA  
GTCGGAAGCTCGCAAACGACCGTTACATCAATGAAGTCCTCGCTGTACACCGATGTC  
GAAAGTTCAATCAAGGTTCTGTTAACTCCTGGCATGGCCGTGTGGCGCTTCACAG  
AGCACAGGCGCGGTGACGGTGACGGACACGCCGGATGTGCTTGTACGTTGAG  
CATGCTGGAGCGGGAGAACACCACTCTACCAAGCAGGTGACATTGACCGAAGG  
TACTTCGCTGACCCCTAACGATGCGAACGAAGTGGCGTGAATTGGGACGTGGT  
ACAGGTGCTGCGCCAGTCGAATTACCAACGCCGGTCCAGTGGCCTCCAGCG  
CAGGAACACTGGCGCGTCAGTGATCAACACGGCAAGTTCGCCGGACCAATGTC  
ATCGTGTCCGCACTGCGACGCTGGTACCGTCAACACCATCACGTCGCCGTTG  
AAGACATTGAACCTCGTCCAGCGCCAATCCAGATCGCTGCCAGATAGGCTATATC  
CAGAGCTCACAGATCTCCAAACCGAGGGAGCTGGCACCTCGGAGGGCTGACCC  
CGGGTTGTCAGTGGCTCAACATGACGGTGGTCCCCGACTGCTGCGCAGAA  
TGAAGAGATGATCTGCACTCGATCAACATCTCCGCGCTCAATGAGTTGCGGAG  
CGAAGAGGCTGGCGGGACCAAGATCGAGATGCGTACACTCGCAACTTCA  
ACAGCGAGGTCCGTCTGCACGCTGGCGAAACGCTGATCCTCACGGATTGAAACAG

GACAATCACACGTCTAATGCCCGGCATGGCAGCCCATTGCGTGATGCTTGGC  
GGAAGCGCTAGAGGACAGCGTACCGTACGGCCATTGTGATCCTGATCACACCGGA  
AGTCGGCTCTCAATTCCGCCATGCGTTATTGCTGGATCACAAAACAAACTCAGG  
ACACACCCATAGCATGGCGCGCCGCAAATCGATCGATACTCATCCATTGCCATCGGC  
AGAAGATCGGCACGTTCGTCTTAAACGGACGAACGTTGTAAGCGGTCTGCATTGG  
GAAACACTCGATAACGTGTCTTCTTATGAAGGAAGCGCGTAGCAAGGGTCGCCA  
GTGGGGCATGGATGTCGCAACCCGTAAGGGTGTGACTTGCCTCTAAGGGCA  
AAAGCGCAAAGTATCAGGCTGGCTATGCGCCAAGAACCGCGGCCATGCCAAGGGC  
ATGTACTCGCTGGCCTCAGTACTAGCGAGCGAATTCGGCAGCAACTGGATCGGTGCT  
TTTCGCATCGAAGAGGAGCGCTATGCGCTGGCAGCCGTCGTGGATGGCAGCATTGTT  
CCGAGTGCAGGCCGAATTGGTACGCTGTCAGAGATCCCGAGGGAGCTAGGCGCCAA  
CTTTAGTCACCTAGCTGGTCTGGCGTCTTGTAGCATGTCATCGCCCTCAAAGTTG  
TTTGAATTGGTGACAAGCAGGTTGATCTAGCATCGCTGGCGTCTGAGTAAGGGTGAGCTGTT  
AAGCCAGAGCACAGGCTAAAACCGCTAACGCTGGGTTGAGTAAGGGTGAGCTGTT  
TCGACTAATCCTCTCGCGCGATCATTATCGCTGGCGATCGCTGTATATCCTTAC  
CAGGCAAGGCAAGAAGAGATGCTGCGTCGCTGATCAGGCGCAGAACAGCAC  
GCTCCCGCGCAGAAGCTCTTCTAAACATCAAGCCGCCACCAGGCCACCACCG  
CCTTGGCTTGGCTCAGCCAAACTAACTGACACGGTGTGATGTCATGGCTGCCTC  
GACAAACTGCCCTGGTATTGGGAGGCTGGCTTCGAGAAAGCCTCGTAACGCC  
GGGGGAGCGCTCCCGCCCTATAAGAGGGGACAATTGGCGACGCCAATAGTGT  
TCTATCTCGGCCGATGCAGCGGACTGCCGCTCGATTCTACGACGCCGTGAGTC  
TGGCGCTGTCATGTGCTCATCCAAATGCCGCGGCCAGCAGTGAAGAGCTATTGGC  
GGAGAACAGGTGATGGCCGACTTGTCTCACATTCCAGGAGCGGACGTCAAGT  
TTCCGCTTCAGAAACAGGCAGTCCCCGAAACGCCGCCGGGGAAAGAGCGACTACG  
AGCAAACCGACATGGTCGACGTACACCTCGAGATCGTACGCAAATGCCGCCGGT  
GTCGCTGTTGGAAGGGCTGGCAGCCGATGGCTGCGGGGGAAACAGTCGAGTCA  
GTCTAGACGGGACGCCAGGCTGACCTGGACCATTAACGGAGCACTCTATGTA  
CGGTAAACAAATGGCTATCGGATTGTTCTGCTGACGCTGCTGAGATGCCGCCGGC  
TCAGGATTCGGTACCGACCATCGCGAGTTATCCAGAACATCCAGGCCACGCTGCT  
ACTGAAAGCACCGCAGAACAGCTAAGGCTAACAGCGAATTGTCAGGTGACAGCA  
AAAAAAACGGTGCATCTCATTGATTGAGCCAACCATCGCACCGGTAGTATCGCTG  
TATACGGCTAGGAGACAAACTGAAGGCTAGGTTCTACGAGGGGGAGCTTCT  
ACCGATGAAGTAGTGGGCTTGATTCTGGTACTACCGAGTTGTGGCGGTGTC  
ATGGAGCGAGTGCATGTTGAGCGTCAAGGAAAGCGCTAGAACACTCGCATTTCGG  
AACCCCAACGGTTGCCCAAAGACGAAGGAGCAGGTTCCGCAGGCCGTATGCC  
TTCCTAGCATGATGCCCTCGACAAGGACGGGTGGTAAAAATGGCGAGCGTAA  
CCTCGATTGCGCCTGAGTTGGCATTGCCAGTTGCCAACCGCAAAGGCAGTCGGT  
ACTGTCGTGTGCTACCGCAGAACAGGGGTACTTCGTTGCCGGAAAGCAAACGC  
GCCGTGCTGCTACTTGCTGATGCCAGGGTGTAGCGCCGAGCTGTGGTGTG  
AGCTCGACAAGACTGATCCGATTGTGTCGATTTAATGTTCTGCCGGAAAC

GCGCAGAACATTACTGGGTGACACGCTACACGCAGGTATCAGAAATCGCGAAGCT  
TTATCAGCTGCACTCTACCAACCTCGTTGCTAGCGACGATGATTCCAGGCAGGCAGGA  
CCAAGTCAAGGGATACATCCGAGAGGCCAATAGCATGGCGCTCGGATCTGAAAAA  
TCATTGTTAGGACCGTATTGCCAATTAGGTACACGATTACGGTAGGACAAAGA  
CTTACCACGAGCTACCGGCTGCTGAAGGTATGCTGCTCTCGCGTCACTGTACAACA  
CGATGTGCGCAGAGATGACAGGCTCCGGCTTGATCCAACGCGATGCAAGACGCT  
CAGTTGAAGGCTGATGTGGCCAGCCAATGTGGCTTAGTCGGCTACGTATTCGACA  
CGTCCAGCCAATGGTCGAGGTATCGAACATCGTGCCTGCGCTGCTGCCCAAATCGG  
TCTGCAGTCCAGGAGCTCGAACGATCTCGTTACCTCCCTGACAGCCAAATCCCCATT  
CTACGGAAAGTGTGATGCTTTACCCCTCGGCATCGGCTGATTCCGGAGTTACAGGC  
TCCGGAAATCCACCAACGCTTAAGGCAATCATCGAGAACATCTTGCCTGATAGCGA  
CCAGGAAACGGATGTACTTACGATTGAAGATCCTGTTGAGTATGACATTGAGGCAG  
AGGGCTGCACCCAAACACCGCTCGTACGAACAGGACGACCCGAGGGCGGCG  
AATGCATGGCCAACGCGCTCGTAACGCAATGCGCAAGCGCCAAAATCATCGT  
GCCGGGGAAATCGTGATTGGAGTCCGCTCTGATCGTTATGAAGCGGCCGTAAC  
AGGTCACTTCATTGGTCCACGGTCACACCTCGATGCTCCGAGCATTACGATCG  
CTTCCGCCTCCTGGGTGTTGCAGATGACCGTCTGTCATCCTGCACTTACCGTTGC  
CTTGTCAACCAATCCTGCTGCCAACCTGCGTCTGAGGGTCCCTACCTCG  
TTGGGAGCGCAGCTATCCGGCACATGTACGCACAAGCATTGAGGAGTTGCGATG  
TCAGCAAAGTCTACTTGCAAGGACCGAGCTGCACGATTGCTCCGGCCAAACACCG  
GGCGTGCCTGGTCGAAGGTGGCTGCTGAGATCATCAGACCGACTGCAGCGTTCATG  
GAGGTCTTCAGGCACAGGAATGGTTGCTGCACGAATTATTGGTCAAACAGAT  
GGCGGCATAACCAAACCGCTCACGCCTGACCTACGTGCATTCCGGCTGGCAG  
ATCCACGTATGTGATCAGAGACGTGGCCGCTCAACACTGATCGCTTACATATCG  
GAGAATGAGATGGCATTAGCCGATATTGGGATTCGCTCTCGTGCACGGATAAAG  
AGTTGGGTATTAAGTGCTATGTGAAGCTCGGCTTGGCATGACAGCGCGGATCAAC  
TTCTACGAGTCTCTGACTCTTCGCTCGACAACCGTGAGAGCGTTCTGGACACCCCT  
GAACAGCAGCGAGCTGCCCTTGATGAAGACGGAATTGCGGTACTGCCTGCGCCTCA  
GCTGGTATCATCAATGACTGTATTGCTCTGACCGTGGTACCGAATTGGCTGA  
CGCGCTCGAACAGAGTGGTTGGTATTCAAGAGGTCTCACTGGTGCAGCAGGTGAGT  
CGTCAGGTGACTTAGTGGCTGGTTGGACCGCGTTGTGGAATCACTGGAGCGCAGGC  
AAGAGCTCAACGTGTGCTGAAGGAAGCTCTGATGTGGCCGGATTCAATTGGCTAG  
GTATCGTATCTGCGATCTTACATATCGCTGGAGCTGATTCCGAGCTACTACGGAT  
GCAGCCAAGGAGGCCTGGCCGGCACCGACTCAGAACGATGATAACGATAAGGGCTCT  
TTGTCGTCGAAATTGGTTTACATGCTCACAGCATTAAATTGCTGCTAGTTGGCT  
TGCCTGGCCCTCCCTAATCTGACGGCCGCATACGAGACAAATTGACAAGCTGCC  
TTTTTTTCGACGTATCGTGTGTTGGACCGACATTCTACTCAATGTGTCGGCG  
TTGCTGGCGGCCGGAAATCCGCTTGAGCAGGCAGTGCACATGGCGCGGTACGC  
TAATGCATATCTGCGCGAACGCATAGACGACACCTACGCCGATCAAAACTGGTG  
CCAACCTTGGCCAAGCCCTGCACTCACTGAGCATGACTTCTGATAAGGACACCG

TCAGAAACGTAAAACATTGGCTGAAAAAAAGGGCTTGAGGTCGCGCTAGAGAAA  
TTCACTAAGCGCTGGCTCAAGCAAAACATGAAGCTGATGGAAAGATCAGCCGCAAT  
TTTGCCTGATCATGCTGCTGATCGGAGCTTATGTAATCGTAACGATGTTCCAAGG  
CGTTACGGTATCGCGACGACGTTAACCATCTTCTTATATTCTAAACGGAG  
ACAACAATGAAGCGTTATCGCAATTCTCATTCCGGCTAGCCAAGTCGGTGTATCA  
CTCGTTGAGTTGGTATCGCATGGCATTCTCGGCGCATCGTATTGCCATCCTG  
GTGTTGCACCGGTGCACCGGTTCTCAAGGTGCAGACGGAGAGCCAAAATTAC  
AACCGCCTCATTGAGTGCGCCCGAACATGAAGTCGGCGGGAACGTACGGAGCGAG  
CGGCACCAATTGCTGCCGCTGCGATCAACCAGCAGTGTATCCGACCACTATGCC  
GGTTACCGGTACGACTGTTCTAATCAGTTGGCGGCAGTTACCTGGTTCAACT  
GGGACCGGTTTCATTTCAGCACAGCAGCGATTCCCACGGAAGTCTGCGGTGGCATT  
GCGACAGACCTATCGCAGTCTGGGGCATACAGCACGAAGATCAATGGCGGGACTGG  
CATCACCGGGCCGGTACGGTTGCCAACAGCAGATGCTGGTGCAGTTGGATGCCA  
ACACGATCGCTGGACGATCTCAAACTAAGCCGAGTCAGTTGAATGCAGCTCAA  
AGACCTGCTTGTGTCGACATCTATCTGGTCACGACTATAGCCTATGAAGGATCT  
GCCGGCGCGCAAGCGCCCGCAGTGCCGCCGAAGAGCTCAAGCATGAGCTGG  
CGAACGTAAGAGGCCATGCCTAGAAATGTTGAGAGGTCAGGCATCCTGAATT  
GCATTGAGCTTAGATGGCTTGTACCGTGTACAACATTGTTGATACCAGCACA  
CATCCAGTGTGCTCTCGCGGGCAAGCAAGGTTATTCCGATTGAACGATTG  
GATATCCCTAACGATGCTAACGGAGGCTGCGCTTCCCCTAGGACAAGGGCATCGTT  
CTAGTGACAGGAGAGATGGGCTGGGAAGACAGTGACCGCGACAACGCTGTTG  
AGAGCGTCTACGACAGACTAAATCAATCGGCCTCGCCCTGAAGATCCCATTGAATC  
GAACCTCAACGGGCCACGGGACGGCTGGTATCCATGTCCAAGTCTCGCGAA  
GAGAGGGGGATACCGCGAGTCTGATTAGATCGATGCGTTACGTGCAGAAACA  
ATCTATCTGGAGAACTCCCGCATGAATCCTCGGCAGAGCAGGCGTGCAGCTGAG  
CAACATGGGCCACTGGTGTACGACTGCAAGTGCATGGTGGTATTGCCAGGCGAT  
CGAGCGGATTCTGTCTTGTCTAGGGCTTACCGCGATCCATCTGGCATGTTGGCGA  
AGGCTTGGCAGTAATCATTACCAAAAGCTAGTGCATTGACGGCTCTGCCTGGCG  
CACCTCAATACCTCGCTGGTGCACGGCTAACGCTGTGCCGGCATACGGAGA  
CGAGCGCGCGAGGCTTTCGAAATCGGCCAGAGCTGATTGATCGACAGCT  
CTCAAAGTTACAAACACTATTGAGCAGCAATCCAACCGCAACATGGAGGGGTA  
ACCCATGAGGATGAAGCACCGGGTTTGATTGATGAACTAGTGATCGCGCTGGC  
GATCTGGCCCGCTAACGATTGGCCTCATCTCGGTGATACGATCCCAGGCACAGTC  
AAAGCAGTTGGCCATGCCCGAACATCAGCTAGTCGACTTCACAAACGCAACCGAAC  
AGTACGTCAAGAATGAGTACAGCACGATTCTAACGCTGCTGGCCGGCTAACAAACCG  
GTGGTGATCAATGTTGCCAACCTGCAGGCCGCTGGCTGCTGCCGGCAGTTATCCT  
TCTGCCAATGTTGGCCAGGTGCCACAGGTGGTCCGGAAAGCGTCGGCCAAC  
ACGCTGGAGACGCTTGTGATCTACAGCGGAGGCGTAGCGTTATCCAATCAGACTTA  
GACGAGCTGCCGGATTGGCGCGAACAAAGCGTGGCCGGTGGATCGGTGGTC  
TGTGGATACCACCGCGTGGCTGGTTCTCGGGCGTGGTCCATGCCCTGTCCAA

TTTCGCTATTCGCCAGGTGCCGGCGAGCTGCGGCAAATGTGAGCTATACCAACGA  
AGCGCGATCGGATACTGCACTCCACCGACAGGCCATACCTGGACGGCCGGAGCTCA  
ATCGCATGAGCACGTCAATTGATATGGCGAACAAACAACATCGACAACGGTGGACAA  
ATTGCCGCGCAGAATGTTGACGCCGGGAATGGTATGCAAGCTAACAGATCGCGAT  
CGGTAAAAGCGTCTTGGGGCTTGCCATATGCCCTACGAAACGGTGCAGATTAAATT  
CGGGCTGACGTTCGCGTGCCTGCCGGAACCAAGGAGCTGCTGCTTACAGGCCGA  
TGGCAGCTCTATTTCCGGCAATCTTATGCAGACAGCGTTAATGCAACAGGTAT  
AAGCCGTGCTGCTGACCTCATGCCCTAAACACTGTGCAAGGCCAGGATGTATTGC  
GAATAATTGGTTCGCAGCCGCCGGTAACGGTGGTGGTACTCAGAGCAGTACGGTG  
GTGGGTGGCACATGACAGATACCAACATGGATCCGGCATACGGCGATAAGAACATC  
TACACAGGGGGTGAGATACGAGGTGGTGTGTTACTGCCGGAGGGACGTCTACAGGC  
TAACGAATTGAAGTTAAACCGAATTGAATCGGAAGGAGCCTCCTGCTCTGAAACCG  
GAUTGAACGCACGAAGCAGTCAGGGTGTGTTGAGCTGCACGCTGGACAATGG  
CGGAGCGGGGGCGGGATTAGCACCACAATAGTGACCGGGCAGATCTGCAGGCTG  
CAGCCTTCTCGTATGCAACCTGTCCGGTCAAACACTCGTTGTAAGCGGCGGCTA  
TATGTGGAATCAGAACTGTAACGGCAAAGAGGAATATCAGTTCACATCGTTGATA  
GGCGTGGGAAACGCAGGTTGGGAGGCGCGTCCAACAGGCTTGGTGACAGCC  
TACGCAATCTCGTTCCATATTGAGAGGGATAAACCTATGTTAACATTGCTGTGAC  
GGGCTTTCTCGCTGCTCGTACGCTGCGATGGGAAGCGCTGCACTTCGCAG  
CAGCGGCCATGTTGGCGAGGCTGCAGTCATTGCGCAGAGCATCGCGCTTACGGT  
GTCAAGGTCGCAATTACCGATGGCGAATACGACATTAGCGGTAGCGCTTCAGAC  
TCCGTCTTAATTGCCTGCGTATTACGTCAAGTTCCCGTACCGTAACACGATT  
CGGGAGGGCGTTCATATATCTACATGGCGGGCGTAGAGCGTGGATCAGAGGGTAC  
GTGTATCGAAACCTGGATAAGTCTGGCGCGACCACGGTACGCCGCCGGCG  
TTGGTCAGTGCTGGTGGTCAGATCAGGGCGCGTGCCTGGCAGGGATACCGTCGG  
GCTCGGTAGTTCTGGTCTCTGACTCGAGTGAGCGACTGGAGTGAGTGTGGCTT  
CTGTGGGGGGTGCAGTGGTCCAGTGCTCTGGTCAGCTGGTAGCTCTATGGGTG  
CTTGCCAATCCGATTCCCTCATGGCAGGATAATCGTGCCTAGCACGGCTGCGGA  
GACAATCAATGAGCCTCAACGATTTCATCGACGGTCAGCTGGTCAAACAACATCTCA  
ATCGTCGGCGGTTGCTGAGACTGCTACTAACCGCGACGAATGGATGGCTGAGGCC  
AAGCGCCTGCGTAAAGAGCTTGAGGCCACGATCGCCATCGGGACACCTGGAAAGC  
TCACGGTACTGCCTCGATCGAGCTCGTACGGACTTGCAGGAGAATCTCGCGAGTC  
TAGTCCAGCAAACCCATTGCGGATAGAAACAGGCTTAACGAGCGGTTGAAGGGCG  
GCAAGGTGGAGCTGGCCAGCAGATGGCTACCAAGTCATCAATCGGACGCAGAT  
AATTTCACCATCACCGCTGACTCAGAGGTTATCGCTCGTGAATAAGGCTCCTCT  
GGGGCCTTCTCGTTATGCGCGTGGCTCAGTGGCGTCGCTCGTGTGTCGTCCT  
CCCTAGACCCCTCGCTCATCGATCTCGGACGGACGTGCGACCTCTGCACGCCGG  
AGGCGTGCACGGATATCAATCGTTGTGCGCTTGTCTGGCGCAGCCTGGCATT  
TATCGACAGTGGGATCCGCAGCTCCTGCATTGACTGCCATTACATCAGTGTGGAACG  
TGACCGGCTCTGTCGATTGGATCTCGCTCGTACCATCGGATTGTTCCCT



GCTTGTGTCATCTGCCGGCGGCTTGAAGAAACCCGGCTGGAGGGATCTTGCACGCG  
CGCAAGGTCAAGGAATGATCAGTGCACCCAGCACCGAAGCGAGCGTTCATGGAGT  
AGCTCCAGGTGAGGGCGTGGTGCCTCGGAAGTACCGCCGACTTGGGCACGACG  
GGGCATGGGAATGGGAAGCCGGTGTGTGGCGTCTCACGGATGGTTTAGGT  
GTGTGGTCAGTCGGCTGGCAAATCCTGCCAACCGCGCACAGCAGGAGCTGCAGTT  
GTAATGGCGACAGGATCTCCTGACGCTGGCTGGGGACAGAACTTGGCGCTGTTT  
GGCGCGCCTTGATGTGGACAAGCGACGCAACATGTGGAGGTCTGAATTGGGGC  
CCAGCCGGGTCTCGCGCGTGGCGCTAGCAAATTGTACGGAGCGCCACAAACG  
ATGTTAAACTGAGGCACAACATATAAGTACGGATGTGACATGGCGCGCTAGACCT  
CGCACCCCCAAATCTCGTCGAGTTCTGGCGCAGCTATGACCCGGGCTTGGGACTT  
GGTAGCGTCATGGATCGGGCGAGAACTGGACCGTGGATCGGGAGGCCACATTAG  
GCGAGCGCTTGGTAGCGCTGGCGCCGGATGACGGGGCGAGCAGGCTCGTGC  
TTCGTTTGGCTGACGCGCCTGATCTGCTCCTATTGGCCTACATCTCCACTAGCA  
GGGCTCTACCGTCATCCATTGGTGGACGAGCAGGATGAGTATCACCAGTACGGCT  
CCACGGTTGTCCAGCGGTTACTGGATGCTCCGCCACTTGGAGGGAGCGATTGCTC  
TTTCGCCGTTACGAGACCTTTGGCTCTCCGTGCGCGTAATCAGCAATACGCCCTA  
TTTCACCAAGCTTCGCTCCAGAGCGCCTGCCGGCTGGGCTGCGATTACCG  
CTACCGCCAGGAGGCTGCGATGTCTCGAAAATTGCCCTGCGCCCTACTGGCG  
CGTTGCTACTCACTAGCGAACCGCGTCAGCTATCGATGCCGATCCGTACAAGCTT  
ACTGCGACCAAGTTGGCAGTCCGCTCAACAAGCCAAGCAGCGACACGTGCAGATC  
TTTGCTCCAAGGCAGGATCCGGGAAGACATTGACGATGCCACCCAGTCGTTTG  
GACGGCATTATGTCTTACAAGTCGATGTTCCAGTTCAAAATGCCCTCGCTGGCGAC  
GTGCAGGGAAATCCTGAGCCAGATGGCGAAGGAGATGCTAACAAAGCAGTGTCAAGC  
CGCGCGCGCACAGTTGACCGTGTCCAAGACGCCGTTCAACCGTTAACCAATC  
CACCAATCAGTTGCCAGGCGTAGATGTGGACGTCTCCACTGGCAGCGCGTGCAG  
TCAAGCCGAAAGACGGCGATTGACCAATTGGGCTCGATCGTAACAAGCTTGG  
GGCGACAAATAATGCTGCTTCTCGCCGGTTACCGCACTCATTGGCTGCTGGT  
GCTGGGTACCTCGACGCTGCTCATTCTGCATCCACAGAGTCGACAGCTGTTGC  
GGTGCAGGGCGTGGTGGCAGCCGCCGGAGCAGAGGCCGAGGCCGTCGGTTGTAAC  
TGCGGTTGGGTCACTACCAACAGCATCACCGCAGCTGCAGTTGATGGACCAAA  
ACGTGTCCAGCGGCTCGGACGACTGTACGAAGAGCTGCCAACCGCCGCC  
CAGCGCACCTTGAGCAAGGTGCGATTGCGAAACCCAGATGTATATGGAGGA  
GCGTCGCGCCGAGGCCGAAGAAAAGTACGCACTTCCGCGTGCCTGGT  
CCGCAAGTGGCGTCGCTAGTACGGTTGCCGCCGGAGACAAAAGAAGCAGTCAAC  
GATCTGAATCGCTGATGACCGATCGCACGCTCAATACGCCAACACTGCCGCC  
ATTGGCAGGATCTACAAGGATCACGCTGAGAAGTACTGTTGGCTGGGATGCCA  
GCTAGGGCGCTGCACAGCAGTCGCTGCTGAATTACAGAACGCCACGTGC  
ACGTCTGCTGGCTCTCGAGCCTGACGCCGCCAGTCGGATGCAGCGAAAGCT  
CTGGTCGCGAACATCGTCAATCCGATCCCTACGCAAAACATCCCCACGAAATGGGA  
GAACACTGCGCAGGGTAGAGCATTGTTCAAGGGCAATTGTTGAAACAGGCCGCA

CCTCTGTGGCGCGAACTCGCTCAATCAAGCCGTCGGCGCGCACGAGAATTCCC  
GGTCTCGGGTCTGCCCGATGCTAAACCGGGCAGACGTGTCGAGCGGGAGATGAT  
GGAGGCAGGTGCGGGCAGGTTGAGTCGCCACTGGTACAAGATGCTGGCCG  
CCATGAGCACAGAGAACCTGTTGCCGAACTGAACAAGCAGTCTGCTTCGGCTTGT  
GGATGGACTACAGAGAGTTCTCAGATGGAGCGCATCGAATCGCTACTGGCGACA  
GATCTAGCCGTTACGGTTAACACAGGACAGCGAAAAGCGGCTGCAACAAGCTCGCTC  
GGCTGCCGCAAAGGCGCGTGTGAGGCCCTCCAAGGCTGCAGTCATTATCGGAAT  
CAGCGGGCTTCTGCTGCTGCCTTACATGAAGGCCAGCGCGGTATTGCTGTGA  
CCCCTGGGGTATACCGGGAAAAGTGCATTGCCGCAGCTGGATCCAGCGTTGG  
TGCCATAACCACAGGTCACTGCGCTATCCAACACTACCTGCAGCTCTATACGTCGCA  
GACCTGGAGCAGCGCGTTGCTAAGACAGCTGAGGAAGTGAAGCAAGCAGACCGCG  
GCCAGCAGAACGTTGAGCAAGGTCGCATCGCAGCCACACGAGCCTGTACATGAC  
AGGCGTGTCAAGCGATGCCGAAGAGCAGGCGCAGGAGCCTGCGTTGCTCGATCAGA  
CTGTCACTAATGCCGTCTGCTCGGAACAATTAGTCAGCAGAAAAACAACCGTC  
GGCGGGACGATGCCGGCTTGCCGAGTATATGCGAGGCATTGCACGAGGACCTC  
GTTTCGCGAGGTGCGTAATTGATCTGCGCGGAAAGCTGCCGGATTGCGAT  
GCCATCGCGTCCTCTACGCTACAGAACGAGATATTGTTCAACACTATTAGCAAT  
CCAGGTGACGGGCACTACGAAACGCTCACAGATGCTGAAGCTAGGGCTGCGCGTGC  
TTTGTGCGCAATGTCGCTGCTACACCAACGGCAACTACAGCAGGTTGACGGC  
GCAGGATGAGTACCGAAGGGCTACTCCTGGCTGACCAGGCCGTTGCTCTTGC  
TGCACAGTCTCACAGCGTATGCAAAATCGCGTTGAAAAGGATAACGCGC  
AATGATGATTGATTCTCGATTCCTCGACTCGACTTTCTTCAATTGTCAGTTGCGGTGAAACC  
GCTCAGGCAGCTGCCCTCGATATGGCAGACGTCTCGACTCTGCCAAATAT  
GCAGCTACGCAGAACGGTCGATGCCGGCAGCGCAGTAAAGCGAATGGACGATCTTCT  
AGTACGTGACTATGGTCCCCGGGACGCATAGCGAGTGAGCACGATCCGCGGCTGA  
AATCTTGTACACGCAGGCCAGATTGCTGATGAAACGGCAATGCAATTCTGGT  
GCACATTGATTGTCATTGCTTCCAAGAATCTGGGTACAGCGGGAGCAAGGTTGCC  
CAGCTCTGCAGGCAGTTATTGGCGCAATGCTGATGCCGCTGACGAGGAAGACATG  
GTCCTGCGCGAGTTCACCGCGAGCCACAAGGCGCAGTAAAACCTGGCGTTT  
GCGTCCCGAGCTCCAGATGCCCGCGCAGCTCCGTGATGGCGCGATCTATCATGA  
TCCGGTAGCTGATGCCGGTTGCACTCGATATGCTATCTGCAACTGAGA  
CGAGGAGGGTGCCGCGCAGGCCGTTAGCTGCTGCCGGTGCAGTGAAGGAGGC  
CAGGACAAGCCGAGTCGGTGCCTAAACACAGCAGCTCAGGGCGGCCAAATCCAGTT  
TGCGCCGGATTGCGATTCTGCCCTCTGACCTTCTGTGGCGCGAGTCGGCG  
CGCAGGCTGATTGCCCTACCGTACCGCACCTCCGGATTGGTTACCTCGGTTACG  
GCTGGCGTTCCATCCTGTCTCAAGTATTGGCGGCCACATCGCGCGTTGACCTCG  
TGCCGGGGTCCGCACTCGTGCACGCAGCGGTGTCATTGAGGTGCA  
ATTCCGGCAGGCAGGTGGCAATGAGATCCGCATCGTCGGTACAACGGCTGGTAACC  
AGGTATCTCCATTGACCAGGCCGCTGGTGGCGCTGGCACCAAAGTGAGCGCGGG  
CCAGGCAGGTGGCACTGTCGGCAACACCGGCCATGCTCCGCAGCACCTCACCTGCA

TCTTGAGCTGTACGGGAAGGAAGGCAAGGATCTGAACCCCGAGCCGTTGCTGTGCC  
CCTCGCCGTCGCGCAAGCCC GGCGCAGATGTATCCAATGGCTTCCGGCTCGCGT  
GCAATCCGAAGGGGGGCAGCTGCTCATCGGCTGGTGCCTCGAACCGGTGGA  
GGACCAGTCGCGGGGGAGGGTCAGGCACCCCTGCCACGGCTACCAGGGACCGA  
GCCTGCATCGCCGGCGCGAACATCACTCAGTCGACGACATGTCTACGCACGAAAT  
CCTCAGCAGCGAGATCATCAAGAGACACGGCAATCCAGATTGGTATCGGCTCGAAT  
CAGAACGGGTTCGGTGGCATTGCTGACGGAACAGGCGCAGATGCGTGCCTGCG  
CTGTATATGCGCTACCTGAACAAGGAGTCGCGTGACCGAGTCGAGGCCTGTTGGC  
GGCGAAGGTACAGAGGCGTGTCCAGGCGGATGCCAGTGAGCGACTGCGCCGGCAGC  
GCGAGGGCGGCCAAGGCGGGCCTCTGAATAGCGATAGACACGCCACGGCGA  
TTTGTATAAAAATAGCCCTCATATACCAATGAGAGTGGCGCAGACATGAGCAAGCT  
CGGTGCATTGCGTGAGAAGGCTGTTGCGGAGGGGTCGGCTGTCTCCAGCGTGGAAAG  
AGGAGGTCCCCTTGCCGCCAAGGCGGGCCTCTGAATAGCGATAGACACGCCACGGCGA  
TGATGGCGGGCGCCGCCGGTGCCTGGCGCCGGTATTCCGATCGCCGCCCGAAGCGTTG  
CGGACGTTGCAGTCGCCCCCACGGGGATGGTGCCTGCCAGGGCAACCAAGGCC  
GCAGGTGCCAGCAGTCACCCGCTGGGCACGCTGTGCCTGCCAGGGCGGTGAGCC  
TGCCGAGGCCCCCAGCGCACACAGGCCGGATGGACACGTCGGACCTGCTGCATG  
CATTGAAGGTGCGATCGAGCGTCTCGGCCGCTGAACCCAAGCAGAGGTCTC  
GCCGCTCCGACCGCAAGGTGCATGGGGGAGGTGCGTGGATTGACCGCTGCAGC  
GCTTGCTTGGCATGGCGTCGCCTGTCGAGCAGCTATTCCGGCGTACGGTGC  
TGGGGAGGGACTGCTGAATGCCCGCAGCTGAAGGCGCATTGAATATGGCGGTGG  
CTGGGTTCAAGCCGGGGCTGCCTGGCGCTGGCGGCCACTCAGGCGAAAGCTGCG  
GCAGCCGCCGGTCAACAAGCCATGGCGGACCTGGCGGTGGCGGTGGCGGTGGCG  
TGGCGCGGGCAGCGTCGGCGCAGCGCTGCCAAGCTCGTAGCTGCACCGTCAC  
TCCCATGGCGGCCGGCAGCCGTGTGGCAGCTGATGCAGACCCGCTCAGCGT  
GGCCCAAAGTGCAGCCTGGCGTTGACGGCTTCAGCGTATTGGCAGCAGTTG  
ATGCCGCCGGTCGAGCCATTGATCAGATGCCACCTGCCTCAGGCCGATGAAG  
CCTTCCTAACCGAGATGCGCAGGATCCGCTCGTCCGAGCAGCTGCGCC  
ATGCAAGGGACAAGAAGGGACGTATTCGAGCGAGCTAACGAGCTTCGCGAGC  
TTCTGCCAGCCGGAAAGTCAGGGTCAATACAAGAACGCTAACGACGCGATGGAGC  
ACCTCCAGTACAGGAGCCACGCCCTGGCGAATACGGGCACGAGGCTGGCATGG  
GTGGAGGACGTATCGCGACAAGCTGGAATCCGTCTCAAAGCCGGAGGGCAT  
TCCGATGACCGACGGCAAGGGCAAGCTGGCAGAGCTGCGCAGTCGCTGGATGC  
TGATCGAGCGGATCCGCGAGTTCTGCGCACGTTGCAAGGCCGGCGTC  
CGTGAGAGGCTCGACGTTGGCGACTACCTCGGCCCTGTGACCGGTACTGT  
CCATGAGCAGCAGTCACCAGCCGTGGGGCTGGTGCCTGCCAATGCGCAG  
CAGATGCGGGCGTCGACCTCAGCGAGGGACGTATCGCTGATGCGCCTGGAA  
CAGCTGCCGAGCGAGTCGGCCTCAATCGTCAGGACGACCTGGCGTCCCTGCC  
GCCGGGGCAATAGCGATGGCCGATTGCTAGAGGATCTGATCGTCATCGAGGC  
GGCAAGCTGAAGCGGCTGTATGCCGTGCTATGACCTCGGCATGCGCGCACGGT

GTATGCCACGCTGGAACCTCCTCAGTCACCTCCGCAGTTGCGCCCGGTCTCCA  
TCCAGAAGGACCTGCCGGTGGATACCTAGAACGCTATCCGTATCCCCGCAAGGCC  
GACGCCTATGACCGGGTGGAGCTCCGAGATCCGGCGCTGCGCGACGTCTGTTCATT  
GCAACCGATTATGACCAGGAAGGGCACGCCATCGCTGCTGACGTCGTGCGCTGGC  
AAAACAATTGCGCCCAGATCTTGC GCCACTGAGGCTGCAGTGACCGAGCTCTCACC  
GGCGGCCCTGAGCGCAAGCTCGCGGTCCCGAATATGATCCGTCTTAGCGCT  
TTCCGGAACGGCGCGCATCGTCGATAGGGTCATCGCTCCGCTACTCGTTGCC  
GTCGGCAGGC GTCTGGTGGAAAGAGTGACCAAGTGCATCGCTGCGATGGCACGCC  
GCGGGCTGGTGC CACCCACGAGGCCGTGCTGCAGATCCC ATGTGCCAGCGGGGA  
GTGCCATTCACTGCCCGGACGACGGT GATTGGAGAGTCCCCTGCAGGAGCTGCA  
GAGTGCAGCAAGTCAGGTCGTGCGTGGCGGTACGTCCACCGAGGTGTCAACGTT  
GGGGCAGGGCGTGTGTTACGCCACTTCCTCGCCGGCATGAACGAACACATGGGAC  
TTGCTGAGGCAGCACGGCTGTTGCAAGACCTTACGAACAAGGTGTCGTCAAGAGTT  
CCAGAACGGAAAGCCGGGATATGGCGCCCGAGGCCATGCACGTTGTAACGAGTT  
GCCCGCAGTCATGGGCACGGTTGGGCCCACGGCAGCAAGCTGCTGCCGAGGG  
GGCGCATGAAGCGCTGCACATCGTGGACCCACGGGTGCTGGCTCGGTTGACGTGA  
TGAAGCCGGCACGTCTGCAGAGCAACCACAAGGCCATCGCCTGAGCTGGTTGCC  
CGTTCAATGGCGGAATCGGTATGGCAGGTACGGCAGATTGCCGGACCTCAACCA  
ACTTCCCGCCGCGCTGCCGGACTGGACTGGAGCAGGGACATGGGAGCGATGCCGG  
CATGGCACCGGCGTCCTAAGGCCAACAGCGTGTCCAGTCACCAGTCCGCGATCC  
TGGCCGGTCTTCAGGAGCAACGCATGGCCGACCCAGTACGGTGGTCGGTCACGTC  
GTGAGGGCGCAGGAACGCGCTTGGT GACGCCAGACGGAGGCGAAGGACCAAGGT  
GCACACGAGTCTTGGCCCGCGCCTCTGGGCTACAGGAACCAGCATCGGCTCAC  
CGCATCGAGGC GGCTGCCAGAACGGCAGCCGGCATAGGCCCTGGACCCGGTGG  
GCAGGC GCTATCGATTGCCCGCGCAGAGGCCAGTGGCTAGCCTTCTGACAA  
CTATTGACGACTGGACGCCAGATGATGATT CACGCCCTACGCCCGCTGAGCTC  
GTCGCAGTGGT GACATGGCGCGTCGACACCGCTGGTTAGTGGCCACAACGGCGT  
AGCGTTCTGCCTCTAGCGTGGCTCAGCGTCGTGATCGACTCATCCAGAGCGCTG  
CCAGGGCGAGCTGGCTCGCTCCGGCAGTTCGCCGAGCAGACCGGCGTGCCAGCG  
TTGAAGCAAGGCTGAAGGAAGCAGAGCGAACGGAGCGGTATCTCTCAGAGAGGC  
GCAGGGCGGTGATCGAAGTAGCGAAGGCCCTACGGGCCGAATACGGACTTGCAG  
ACGCTCCCTGAAATCCTCCGAGGGTGAGTGCCTATTCTCGCTTGGGACGTATT  
CTCGCTCTGCGATGCCACAAACGTTGGTAATATTGGAGCGTGATTCCACTTACG  
TTAGGTAATGCGCCTCGTGAATATCCAATCGTTGACGCAGCTCATATCGCGAGTT  
CGAGGGCATCATGCTCGAATTGCCAAGGCAGAGGGTGGGAATT CAGCTTCAAG  
CGCAGCCGCTCCGCTGCCAGCGTGTGTTAACACGCAACCTCGGCCCGCTCTCC  
TGGTCGCCCGCAGGCAGAGCTGCTCCCTGCGCAAGATCGAGGTTGATCTCGGC  
GTAGTTCAGGAAGACAACGGAGCTATGTTGGCCGCCCGTTGAGTTGATCCGACT  
CGATCTCACCTGCTGACTCAGATGTGGCGGCTGACCCAGACGGCTTACCAAGTC  
ATGCTTCCGGAGCAAAACCGCATAGTCCTGGACCTGGGCCAGCGGC ACTGG

GCCATACGAAGCCCCGCCTGCAGGCCGTCAGTAACATGGGGATGATTGCGA  
TTGATGACGGCCTCTGGT GAGGACGCTGGTCAGTGCGGCCCCGGAGCCGATCGC  
GGACCTGTCTCCGAATCAATGACCGCTGAGGTAGGGCTGCAGGACGTCGAAGCGA  
CCACAGACGCGGCTCCGCACCGCAGCTGACTCTGAAGCAGACGCGAGGCG  
GTGATGCCGCCGGCGCCGACACCTGTTAATGCACCGACCGGTGCTCAGCTCACCTG  
TCCATGCTGCGTGCAATGGGGCCATCTCCGCGCAGCGCTGGTCTACCCAGGGCCA  
ACGGCGCCCGCGGTGGAGTGGGACAAGCCATCAAGGTCATGTCCGACGTGTCGC  
TCAGGTGGCGGGCCAACTCGCGCTCATGCGGACCGAGGAACCTGACGTTGCGTGG  
CCCCTGCGGAGCTGCACCCGCCGCTGATCGTAGGCGAGCACTGGCTACAC  
ACGGTGATCAAGATGCAACGGGTGAGAGAGTCGGCGACATCAAGCTCAGCGCCGA  
AGACATACTGCCCGGATCGTGGCAGCGCTGAAGGCCTCCGACGACTGTGGCAATC  
CGCACCTGGCAACCGAGCGTTCAGCTGTTGCCGAGCTTCTGCCGGCGATAGCGTTGC  
TCCAGGTCAATGCGCAGGCATACCAGGCCTTGCAGTCCGACACAGTCGATCTCG  
ATGTGCCGGATCTCTCCGTAGATGGGTATCTGCAAGCTGTCGCTGCCGGCTGTG  
ACGCAGTTCAGACCCAGGACGCCAGGGCAAAGCTCAGTGGTGCTCTCACGGTGAT  
GAGTTTGGGAGGCCCTCTGAGGTCTGCAGCCGGCATCGTTGCAAGGCCGGGGA  
GAUTGCAGTGAACGAGAGTCGCCGCTTGATGAGGCTATCAAGGCATCGCGC  
CTGCCCGCTGGCTCAGCGAAGAGGCCGCTGCAGCATGGCTCCCTGGCCCGCACGG  
TGGAGTTGATCGAGCAGGGCATGAACCGCTAGCAGGGACAGCGGTCTATATGCC  
TCCAAGCTAGGGAGCAAGCGATGACAGAGGAAGTCCCGCAAAGAACGATCCAGGC  
ACCTCGGGTCGATGTGACGCCAGCGCAACCCGACGCAGGGCTATGCCGGCGTCG  
CGCGCCTGGCGCGTATCGTCTACTTGGGGATCTGGT GAGATCCGGCGAACGCACG  
CGTACTTCCGCGATCGTCTGCAGAGGGTTCTGCACCAAGGGCGCTATGCCGCAACG  
AAACGTTGAGGAAGCGCAGGCACGGCTGGCCTCACGCCCGAGGACATGCCCGA  
CGCGCCGCTGAGCTGCCAGTCAAAGCCTGCTGTACCTGGCGTGGCCGGGTGGC  
GCTGTTGTCTCCTGCTTGCACGGTGAACAATCCGATGCCACGCCACGCCG  
GAGTCTGCTGGT GATGGT GCTGCCCTCAGCAAGTACTCCGTAAGCCGCTGGCGACA  
GGGGCAATGCGAAGAAAGAAATCTGGT GCCCTACATGTCCTACTGGCTGCGCTGG  
GGAGGT CATGATGGACGCCGACCGCCTCCACAGCTGACCGCCTGTGCGCAGTCG  
CCGCAGGCACCTATGGT CTTGATCCGACGCCGCTCTGGCGTTCGTGCAGTCG  
AGGGT GCGTCTGCCAGTACGTGCAAGGAGAGAACGATGGAGCTGGGCTG  
GCGCGCATCCCAGCCACGTTGCCGACGGCTGAAAGGCAGGGCTGATGATGGCCC  
GCAGGT CATGAGCGATGACTGCCATGGT GCGTGAACGTCGGTCTGGCAGGGCTG  
AAGCAGGCATCAGCGCAAGTCGCGGTTCCAGTGACAGCGACTGCCCGCTGGCG  
GCTCAGCGCTACCAACTGCCATTGCCATCTTAAAGCTGCGTGGCGAAGAACGG  
GGCTGGCTCGGGCTGAAAAAGCCAAACAAGAACGGATCCTACGATTACGGTCCGG  
GCAGATCAACAGCATCCACCTGGAAGAGAGCTGCAAGTACGGGCTCAGAAC  
AGTTGATGTGGGACCGCTGCGTGAACCTGCACTGTCGGCGTACCGACTGCGATTG  
AGATCAACCGCGCTGGCGATCTTGGCGCGTGGGCAATTACCATTCCAGGACG  
CCGTCACTCAGTAGTTATGCAGAGCGCGTCCGCAGGCAGGGATGGCGGGTGC  
GAA

CGGAGGCCAGCGGTGAGAGGGCGCCGAACCTCGAGCACGACAACGGGCCTGTGGT  
GGTCGTGCTAGGTGTATCGTTGAAATTGGCCTGGCATGGCTCGCTCACGAGCA  
GATCTCATGGCTGGTGATGTGGGTACGCCCTGCTTAAGCAAGACTGGTCTTCTCGA  
CAAAGAGGGTCTGCAGATGGTGACGACTGGTTGCCAGCCGGCACCCACGCGACG  
TGAAAATCGGAGAGCTCTACAGTTCTGCCAAGTCACCGGGTATTACCTGCAGGGGG  
TTGTTCTGATTGTGCTGTTGCCATGTTGGATGGATGTTCTGGCGGCACCCGGCGCG  
TTCCAGTGCATCGACAGGTCTATAGCATCATGAAGCTGGCGTGGTCACAGGTTCA  
CCTGTACCCGATGCTAAAGCCGATCCTGAAATGAACCTGCTCACGGTGCCACTGGA  
CCATCCCATTATGGGATGCGTGCATTGCCACGTCGTTACGCGCCCGCTACAAGAT  
GCTCCGGGAGATGAAGGACATTGCTCCCATCATGATCGTAACGATCTGACGTGAT  
CGACAGTAAGCAGGTATTGGTGCCTCTCCGTTGCAGGGAGGTATTGCAAAGCAAAT  
TGGCAAGGAATGGGCCGGAATTGAGTCGCTGCGAGGCTATGAGCGCGACCTGCTAG  
TCGCATTGCTGTGCAGGCCACCGAACGATCGAGGACGCTAACAGAACACCCCTG  
CAAATCATCCAGGAGCTGGCGATTGCTGCGTAGCTGCTTCAAGGCGAATGATCCT  
GGCTTGATTGATCGAAGAGGGCATCGGAGACTCGAAGCTCGGGTATGCAGAGCAA  
AGTGGTGGCACGCGCCATCCGCGCTCATGGCTACAAGCGCACTGTTCTGATGGCCAT  
GTTGGAGGCCGGTCGCAAAGGCGCGTCTCCGCCGCGTGGTCCGTTGGTGAA  
GCCCGTTGATCGTGTGACCTGGTACTGCTGTGACATGGGATCCAGCCCAGCTG  
TGTGGAGTCCGCCGGTGCAGCGCAGTACCTCACCGAACGAGCGGCTGGCATCC  
CGGTACCAACTCCGATGATTGAGCCAGCAATAATGGTTGCGCGAATACTTGAACG  
AGGTGATCGATGTCGAAGTGGAAAGATTAAGGCTGTCAAGGTCCGCCGTCGTCG  
CAGGTTATACCGGTGCTCGCTGTGCGGATTGGTCAGCGGAAGCTTCGCG  
GCTTACAGTCGATGCGCGATCGCATCAGTCGCCGGTGTCCGTGTTGGTCAAAAAA  
GGGCAGGGTCACCATCGCAGAACATCAGTCGCTGGCGCCGCGTTCATATTCTGGA  
GGTCCAACCAAACCGGGCGCACCCGCTTCTACGATCCAGCTGCGAGGCCAATGTGCT  
GCAGGTTGGTCCGAGCACTATCCCTACGCCGACGCAGGGCTGCCGACTGGCCT  
ATGCTCAGGTGCGCAAGGCAGTCTGCCGGCGACATGGTCGGCGTGGATCCTGCGA  
CTCGTTGGCCTAATTGCCGTGGTGCTCATTCTGCGTTGGCGACAGTGGCGCTAAC  
GGCAGCACGGCAGGGAACGCAAGCCGGCGAGCAAGCTCGAACGGGTGTCCGCC  
AGATGGCGGCCGATCCGGGTTCTCCCCGCCGTCGCCGGCACCGCAGCCTTGCCG  
GAGCTCCGAGCTTCGGCGCTGCAGCGCCGGCGAGCAAGCTCGAACGGGTGTCCGCC  
AGATCTACCAGCAGGCCGTGCTGCCGCTGCGAACGACCGAGCATGCGACGATGCC  
CCGCAGCCGAGCGTAAACGTGGAGGGTTGGCCGGCTCGGGCTGAAGAACGG  
TGATCAGGCAGGGCCGGATGCGACCCGAATCTGCGTTCAAGGTGGAGCAGTAAG  
TAGCCAGCCATGAGCATCCAGGGCGTCGACAAGCGGAATGAGATCTCGGGGAACG  
GTTGATTGCGACACGCGGCCGTTCTCCTGCCGCTGGACTGGTGCCTGCTGGACT  
ATTGCGGTTGCCGTGGCCGGACTGGTGCTCTGTCATGGCGCTCTCGTCCCGGC  
GCTGTCAGACGTTGCTGCTGGTGGGCCTTGTACGCGCTCATCCCTGCCGTGGA  
GTAGAGGATGTTCCGTTCCGTGTTCCCCACTACTCTGGCGGAGTTGATCCAAACGAG  
ATCGACTCGAAGACGGCAAGCCGAAACGCGGGCGCGGAATTGCCCTCATGGCAA

CCGTGGGCTAGACAATGCCGAATGCTGGGGCGCCGATACAGACGTAAACGACATT  
GGTTCTTTGGGTCTACCGGCGCAGGTAAAACGAAGGGCTTGTGATGTGCA  
TCAACGCTTCATCTGGGTGAGTGGTCTGCTCTACACGGATGGGAAGGGCGATGTAA  
GCCTGTTGGCAAGCTATTCTCATCAGCACGAATGTTCGTCGCGAGGATGACTTCC  
TGCTGCTGAACCTCATGACCGGCAACGCCGATACGCAGCGAAAGCGCTCGGACAAG  
CTGAGCAACAACATAACCCGTTGTGGACGGCAATGCTGCCTCCAAGACACAGTT  
GCTGGTCAACCTGATGGATTGGGGGGACGGTAAGGGCGGAGACGTATGGAAGG  
GGCGTGCATTCCTCATCGCACCCTCATGCCGCCCTGATCGACAAACGAGACG  
CAGGCTCACTGCTCCTGCATGTCGGCCGGATCCGTGAGTACTTGCCGTTCTGAAGC  
TTCTCGAACTATTGCGTACCCGGACGTATTGCAAGACAACAAGACGCGCATCAAC  
GCGTTTGCTTGACGTGCCCGGCTATGGGGGACAAAGGCAGCAGCAGGCAA  
CACGTTCTTGAACAGTACGGCTATCAACAAATGCAGTTCACGCGCATCTGTCGTC  
GCTTGCTGACACGTACGGTCATATCTCAAGACCGAGCAGGCCGAGATCGACATGC  
GCGATGTGGTGGTTAACCGTCGCATCCTGGTAACCCTGCTGCCGGCGCTGGAAAGCT  
CCCAGGAGCTCGGAATCTCGGAAAATTGTAGTCGCCGGCGTAAAGGGCATG  
ATGGGCTCGAACCTGGGAAACATCGTGGAAAGGCTAAAACGGTCTGTTCTGACGCC  
CGCGCTACCCATCGGCCACGCCCTTACCATCTTGACGAGCATGGCTACTAC  
CTGACCGAGGATACGCCCTATGTGGCTCAGGCGCGCTCGGGTTCTGGCTG  
ATTCTCGAGGACAGGACACTGCAGGCGTATTCCGGACGTCGAAGGAAGAAACGAA  
AGCCATCCTGGTAGCTCAACACCAAGGTATTGGAAAGGTTGAGGACCCACCG  
AGACCTGGGAGATGATCGAAGCAATGGCGCGAAGCGCTCATCAGCACGCTCAGC  
GACTATGACCTGGACGTTGACGGGGTGGCCGGTGGGTATATGGAAGGAACGTCGT  
CAAGGTTGAGCGTGTCAAGCGCATCACCTGCAGGATCTCAGCGCAGGTCGAGG  
GCGAAGTGCACATGCTCTCGCGCGACATCATCCGCGGGCGAATCTTACGCTG  
ATCCGCCGTCCACCTCTGAATTCCGTCTCAACCATTCAAGGTGCTCCGCCAA  
GCGCCGAGGGAAATCTTGTCCCTAAAATCGATGCGCGCAGATACTCGATCAGCTG  
CACGAACCTGAAATTGCCCTCGGAACCAAGCGCCGGATGATCCCTATTTCCTAC  
GCGGCTGATTGCTGCCGGCACCAGGGTACAAAATACAAGGGTAACCGGCAAGG  
AGCAGAGCTGGGGTGTGTTGCTTACAGGCTTCCAGACGACGCCGGTGTCAATCG  
GGGTGCTGTATCTGGTGGCGGCAGCGCCGGCGGTCTCAATGCTCAGCGCAGC  
CGCAGCCGAGTCCGAGGAAGAGAACAGTGCAGTGGTGTCCCGAGCTGACTCAG  
CGTGTGGATGATGGCACTGCCGGTGAATTTCGATGCAACCTCGAAACGAC  
ATCCGTGTTGCCCGGTGAAGCCTCGCCTGCAGTGCCTGGCCAGCCTGCTTCAG  
TGCAGGAAAGAGTCGGCTCTGTATGCCGCCACGCCCGTCGAGCATCATATTGGTCA  
TGTAGCAGTGGCGAAGGACATCAGCTATTGTCATGGACTCTAAAATGGAGAGC  
CTGGACCGTTGGATATCGAGTACACGCACGCCGGCTGACCGCACTGGTCAGGG  
CTCGGTGGAACGTCGGCTGCTGCCCTGCAGCAGCTGACGCGATGATTATTACTGCA  
GCGGAAGCGACCTCATATCCGGCGCCGCCACGCCACCCAGTAGTGTAGCGAG  
CACTAAGATGCAAAGTGCAGGGATGAACCTCGAAGCAGCAGTCGGCAGTTCA  
GCCGAATGAGCTTGAACCTGCACCTCTCCGGCGCGATCTTAGGTGATC

GCAAGCGGCATCGCTCGATGGGTCCGGTGCAGTAATGTCTCCGTTTCGCGC  
AGCGGCTTGTATGCCGTATGGCATGCAGACGCTTACCTCCGAACATTGG  
GCCAGCCGCGGGTGTGCGTCTCACCGACCCGCCAGCAACGAAACGGTGGATGC  
CTGCTACTGGCGCGATGGTCAGCTGATAGCGCTGGATACATCCGGATCTGCGACT  
CTTGAGAGACGTCCAGGCCGGCAGGCTGCAACGATCGACATGCGGCTGCTGAATC  
TGCTACCGGTATGCAGGGTTGGGTGAGGCCTATGGCATCCGGACCCCTATC  
AAGTCAATAGCGGATACAGAACACAAGAACGAATAAGAGCACGGAGGGAGCTGC  
GCGGCACTCTTGCACATGAAGGCCAGGCCGTGATGCCCTGCATCCGGCTACC  
GCTCGAATACACGGAAACCTCTCAAGGCCTTCAAGGCAGGCCGGTGGGTTCT  
ATCTAACACAGCAAGAAATTATTACACGACGTAGGGAGTGTTCGGCAATGGCA  
GGTTGATCAATGCAGCGTAGGTATTGCACTACTGCTGACAAGTGCAGTAGTGCAA  
AACGCCAGGCCTCGGAAGCGCCAAGGCCACGTTGGCCGAGCGCCATCTCATGGC  
GTCCGGCGTCAAGGTGACCCACCGATTGATTCTGTATCTGGGTGCGCGATCGT  
TGCTGACAACGGCGCAGACAAGCGTCTGTTACGTACCCCCGGATGGCAAATCCCT  
GATCGCGGGACTGGTTTGACGAATCAGGGCGAAACGTCACCAACGGAGGACATGG  
GGCGTGCAGGCATCTGCCAGTGGAAACACGACTGCCGTACACAATTGCAAGCA  
CAGAAGCTTGGCAACGAGTTCAAGGTCTGAAATCGCTCAAGGATGGCAATCGCG  
TGCCGATATTACGTCTCGTTGACCCACCTGTCAAGTATTGTCATCGACTCATGAGC  
ATGGTTGCCCGTACATTGCAAGCAGGCACGCTGCAGGTACGTTGGTGCAGTGGCC  
ATCCTCTTCGCGTAGTCCAGGCCAGCTGAGTGTGACGATGTATAAAGCACCTAATGTG  
GGCAAGCAATCCAGTCCGCTCGACCAATATGCTAAAGCCAGTGCAGACTGA  
GCCATCCGCCTGCAATTGGCGAGAATTGCTGCTATGCGTACACCCGGTCAAAC  
TGGCGTTCTCTCGTGGTTATCGGGTGGCCAACGAGTGGTATCAAGTCTGGCGT  
ACCGACGGATGCCAGCTCGTAGCTCTGCCGGCGCTAAGTAATCCGCAAGGA  
AGAACAACTGTTGAACCAAGGGAACACCATGCAAGTCTCTCAGCAACG  
CCCATCCGTTGTCACCACACAGCTCTCGCTGGATCTCGCTCAAGACTTCTACAA  
GCGGCATCAGCGTATCGACGTGGCGACACTTACTCAACGACTTGGCATACCTCTA  
TGCCAGCGAGGCTTGGCGCCACGAATGCGAAGCATTGTCGAACGCATGGCG  
AGGAGGAACACATGAAGGCCATCCGTCTAGACTCTGCCATTGCTGCATGGCAGTCA  
ACGCAGCGTTGTATCTGATGATCAGGGCGTCTATGAGGCCTTCTACCGCTGCTGG  
ACCTGGACGACGAGGATGACGCACTCGCGGACATGAAGCGTTGTATTGCGCAAG  
CTGGGGGAAGACCACGAGGAGCTCGCGCAGATGAGGGCGCTCCGAGCTCGTGT  
TCTCTGGCGTTAAGTAGGATCTGAGCAGAGACGAACGGCGTTGACGAGCCACTT  
CGTTGCATATAGTCCCAGGCCAGAGGGTGATAAAAGTGGCACCCATCCCTGGTCCG  
AAGGAGAACGAAATGCAGACGAACCCAAACGAATTACCTGGAAGGAAGCCCGCG  
AGATGGGCTTGGATGCGGCACCAAGCCGACATGGTGCAGACGAAGGTGAGCCGGAG  
GCCTGACATGGGTCTCCTGAGAACCCCTCGGGTAGCCTAGCAGTCCCCACGCCACA  
GGCGCCGCACCGCGGGCCTTCACTGAGCAGGACCGGTATCTTGAAAGCACATCGAAGACG  
GATATACGATCGGGCCGCGGAAGGCACCGGTATCTTGAAAGCACATCGAAGACG  
GTGTTGCCATGGCAGCAGCCTCAAAGCAAGCCACTTGAGTGGCCTCGGAACGAG

CTACGTGGCACGCCCTACCACGGATTCAATGCGATGCCCTCGCTATGAGCGGGTAT  
GACGATCCCCGGTGGTGCACATTGACCAAGCCGCCGAAAGGCTGGCGGGTACG  
CGCTGGTAAAAGGCACATCCATTTCATGTGGAAGGTCAGGAAAAGGATACCG  
GCACGTTGACGATGACGGTGAGCGATCACGCAGAAGTTCCGCTTGTGCCGGT  
TCAAGATTTCAACTCGCCCAGATTCCGGCCCGAACCGCACCAGCCGATCAGC  
TGACCGACACCCAGGCAGCGCAAGCTGGCGAGCCGATCGTGGAAACGGTTGGCATG  
ACTGTCACCGAGTCTGCAACTGAGCCTATGGTTACAACCCGAGAGGGACTCGCT  
AGTTGTGCGTCCACGTATCGCTATCCGTCGAAAAGCATTACTGCGCCGCTCTGAT  
GAACGGGGTCTGGCAGTCGCGCGATGAGGCAGTAATAGGCCCTGCTTGCCCG  
CAGAAGCGCGATGACTGATCACCAAGCGTGCCAGCGCAGTTGCGAGTGGAGATC  
GCGCGCTCGATGCTCGCGATGCGCACCGGCTGCCGCTGTCGCCGCCGGTGGCCGTC  
AAGGATGCAGCGATACTTACGCTACTACAGAGCGACAGGCAGCGAGGTGTTCAGAGC  
TGCAAAGGATGCGGAGAACATCATGCGGTACGCCCTGGCGTTCAATCCGAAATCC  
TCCCGACACTGGAGGACGAGCATCGTGAGCAGATGAGCGCCGCCGGTGGCCGAAGGT  
GCCCGAGAAATGGTGTGACCCGAATGAGTTCCAGTTGCCAGCAGAACTGCAG  
CAAGATGCCCGAGGCCGTAGTGTGCGGTGACCGACCATAGGAGTCGCCATGCC  
TTAACTTCGAAGAACGATCAGCTAGCGCTTGACGTTGCTAGTGAGCGCTC  
TGTGGCGAAATTGTGCAGGATCTACACAAGAAGTGGAGAACGTCGGTGTCTCG  
TGCCTGAAAGAGCTACGGTGGCGACCGGTTCTTCGACTGCCAAGGCTCTAT  
TTCAGGACATGATTGTTGCGCTGAGGGCTGCCGGAGGACGACCTGTCTGTGAGC  
AGTATGACCAGCTGCAGCGTCGATATCTATTGTCGACGCCAGGGCGTCGATCGC  
TAGTGTCAAGCAATTGGCACCGACCTAATGCAAGCCTGTCAGGAGTCGAGGAA  
GTGATGCCCAAACCGCTTAGTGCAGGCTGCCGGCGCATATGTGCCGCTCACC  
TTGCGTGTGTTGCTCCTCCGGTCTCACTGGAAGCGCACGCCAGGAGCTAAGGCTA  
AACTGGTGCAGGGTACTGAACGCACGTTGGCTTTGCCATGGCTGACGTCCTT  
GAGTACCGTAAGCGTACACATTAGCTAGCGCTGGCGCCATTGCACCGCTGGAGT  
AGGAACCCCTGGCCAGGCCGTGCAAGTAACATACGGGGATTGGTTGTGAGATGG  
CTACGGCAGAGCACTTATGCGGCAGCAGTATCCGACTCGTTGTCGCCGGCGA  
GACCGCCAATGGAATGGGAGGAGTGTGCCCATGTCGCGCTAACGCGCGCAGGGC  
GCAGCTGGCTGTCGCCAACCTGGCCTGCAAGAGGCTTTGATCACTTCAATGGCA  
TTGAAAACAGCACGGCCTGGATTGATGCCAACGGCAGGGATTGCTTGCACACG  
AACACGGCGCGATCCTGGAAAGCCTGAGTGAGGTCGACGACTCCACCGACCGAC  
TCACGTGACCTCGACCAATGCCGGAGCCACCCGTGGCGGGCGAGCGTACGACT  
ATGAGGGACTTACGCTCCACAACGAGGACGGAGCCTACAGCGCCGGACATAGGA  
ACTGTGCGTCTGTGACAACCACTAACGCATTCTAGGAATCAACATGCAGGACG  
GGGGAGAAACCAAAGCGCGCAGATGGGACCTCGCACGGCTAAAATACC  
GCCTCATCCGTAGAGGCTGAGCAATCCGTTGGCGGGCTCATGCTTGTCCCGGA  
GACACTGGATGTTGTCAAGGATCTACTTGTGGAGGAAGACTTCTACAGACGAGACC  
ATAGGCTCATCTACAGATCGATTGCAACTGACGAAAAAGGTCAGCCGTACGAT  
GCGGTGACCATGGCACCTGGTCGAGGAGCAGGGTCAGCTGAATTGGTCGGTAA

CGGTGCTTACATGATCGAGTTAGCCAGCACC GTACCTCAGCCGCCAACATCGCGGG  
CTACGCCAAGATTGTGCGCGATCGTGC CCGCTTCGTGAACTCATCGAGCACGGAC  
CGAAATCGTCAATGACGGCTACCACCC TGGCGGCCGGAGACGGATGAACTCATCG  
CGATCGCTGAGCAGCGTATTT CAGCGTGGCGAAGGTGGAGGGTGC GTACACA  
TACACAGACGTGACCACGGTTGAAGCGTGT CGTACAACGCTACAGGAGCGCTA  
CGAGAACGACAGCAGCATTATCGGTATT CCTACTGGTCTCCTGAGTCGATGAGAT  
GACCGCCGGGCTGCAGGACACGGATCTAATCATCGTTGCGGCTCGACCTGGCATGG  
GTAAGTCTACGTTGGCCCAGGGTTCGCAGAAAGCGCGCTACCGCCTCGAAGAAA  
GCAGTTGCAATCTCTATGGAGATGTCCCTCAGACCAATGGTCTCGCATGGTG  
GCAGCCGAAAGTCGCGTCGACGGACAGCGGCTAAAACCGGCAAGCTGGAGGATG  
AGGATTGGCAAAGGTAATGTCCGCCATGAAGAACGCTCCAAGGCCTCAAGCTGTT  
GTCGACGACTCCCCAGCGCTAAGTCCAGATCTGTTGCGCTCAAAGGCACGTCGATT  
AAGCGCGAACAGGATATCGGCCTGATCGTCGACTACCTGCAGCTGATGATGGTC  
CCGGGATCGAAAGAGAACCGCGACGGTAGCTGACATTCTCGAAGTCTGAA  
AGCGCTAGCCAAGGAGTTGCAGTTCCGGTGGTAGCAGCTCTCAGCTAACAGATC  
CCTGGAAACACCGGCAGACAAACGTCCCCTCATGGCCGACCTACCGCAGTCAGGCG  
GCATCGAGCAAGACGCAGACGT CATCGTTTCACTACCGGATGATTACTACAACA  
AGGATTCCACGGAGAACGGAAATTGCCGA ACTGATCATCGGCAAGCAGCGCAGCGC  
CCGACTGGACCGTACGGCAAGGTTCTCGGGGGGATCACTAAGTCGAGCCGCT  
GGGTCGGGGCGAACGACTTCTAACAGCCATTGCCGTGACGAAGATGACATCAG  
GGCAGGTGACCGCCCTGTGCGTTACGCCGTGCTGAAAAACGCTGGGGAGGTT  
GTCCTCGCGTCCAGCCCTGCGTCGGATCTGCCGAATGCTACCGGGCAGCTAC  
AGGCTTAGCCTCGGACTTGAGAACGGTCCAGCTAGCTGCTGGCGAAGCTGAGCCA  
GGCCGGAGCTGAGGGACTGAGGTGTGGCGGTATTAGGCTATGCCGAAGTCCTGG  
TGTATGCGTACAATTACGTCAGGTATACATGCTGTAACGGCAAACCCCCATGC  
ACTAAAGGGATTGGCCGGTTGTGCGAGTCAGTTGGCAGAAATCAGCGCCGGAC  
GGTAACGTGCGGGCGCTGATTTAGCAACTAAAGTGTGCGGTCCGTAACGTTCTGG  
GGGTGAACGCTCCTCCTGGT CGGTGCGGGCCACTTCATTGGCATATATGTTAGT  
ATTATAACACAGACAGGAGTAGCGCAATGCCCTCAACCCGAAGCATGAGATCTATA  
TCGTCGGCGTTAATGTCGACCGATACGTCGTATCGGGGGAGCAAGTCAAGGAT  
GCCAACTCTGAGCCCGCAGTCGTAAGATCTGCCAGGGCGTCTACATGCAGAATGG  
CCTGGACGCAGAACATCAGTGTCAATCGGTATGGTCTCGTATTGCACATTACCTGAC  
ACCTTCAGCGACGATCAGCTCTCCACCGCGTGGCACAAGGCCCCAAGATGGGAC  
GTGTCTTGTCACTGGCAATATCAATATGTGCGTCCCTGTTGGGGCCAGCGATC  
GGTACAACATTGTCAGTCGGTGGAAAGGTTGAGCCTGACAATCCCAAGCTGCAT  
ACGATGGAAACCTTCGCGATCCGCTGGCAGTTCACGATGCTGCGACACGCCT  
GAATTGACTCTGTTGAACATGATGACCGCCACCAAGCGGCATTGGAGAAGCACCT  
CAACAGCGAGGAAATGGATGAGTTGCTGGCCATCTGATGAAGGAGCACGGCGCA  
AGGCAGGC GTGGCATGGCCCTGGAAAGAAGTGGCGGTGATGGCGGAGCGGGACGAA  
TGAGCTTCGTCGCCGTGATCGGGCTGCTATAGTCCGGCAAAAGTTCTGTTCCAG

CTGACTATGGCGAATTGGGTCGACCTGGCCGAGCATGACCTTGCTGCTTGGCGG  
CCGAAGCCGGGTTGCCGCATGCACGCCAGATGGCTTGCAAACGGTACGTCCGG  
CGGATGCATAACGCCGGACGTTAGAACTGGGCTTCTGCCAGAAGGAGCGCAAT  
ACGTGCGGATTCAACGGTCTGCTTCCCAGTGAATTCTGCATATTTCCCGGG  
CACGGATGGTTGATGTTCCCGTGATTCTCAGCACAAGCCCGAAGCAACATTG  
TTCACCTATCCGAAGGCCGCACCGAACCTGCCGTTCGCTTCAAGCCGCATA  
CCGCTGTAGACGTCGGCTTATGCGATGGCATTGACGCCCTGCCGCGATTCACTC  
ATGAGGCGCGCACCCGATCGAAGATGGCGCTCGGTGGTTCAAGCCGTATGG  
AGAGGTTGACTCGAAAGAGAGGCACATCCGCTCCCTCAAGTCTCATGCACGCG  
TGGCGGTTCGTGCCGCGCGATGCCGGCGCAACTGCCCTTCAAGTGATGGTCG  
ATTACCCGATTACGTGACTTCGGCGCGCTGCCGAACTCACGCAGCCTACCGGG  
CCAACAGTCTAGTCGCGCGTCTGGCAGTGCAGAGAGATTGAATAGGGCGCGTGC  
GCCACGGTGGTCAGCACACACAGGGTGCCGACTTAGTGTGCGCATAGAGCA  
AACGGATGCCACGCCGAGCTGGCTGGCGCAAACATCCGTCGGCGCCGTAGGTA  
TTGCCGGCGTAGCCACCGGTTCGAAATCACGAGGGACGACTTCACCTCGCGTGG  
ACCAGCCAGGCAGGAGCAGCGTGGATTGACCCGCTTTAGCGTCGCTTTTGCA  
AGCTTGCTAAGCGCGGCTACGAAGCCGTCAACGTTGTTGGATGCCCTGTATCT  
GGTGGGAAAGGAGCACTGAGGCCGCTGATCATGGGAGTTACGCCAGCAGCAC  
GGGTGGGTGCTGAGCATTGATTGGACGTACCTATGCCCAAGTGGATTGATAACCA  
AGCGGACGGCGTTGCGCTCGCAGAACACTAGCATGAGCGGCCAAAGAGCTG  
TCTTGCGCCGCATCGCCCCGACACCGTTGCCAGATGCTGCCCTAGCCTACGGTT  
TTGAACCAGAGGGTGAGATTTCGTCGGAAAAACACCCGTTAGTCTGACGGAGA  
TTCGTCGAATCTTCCGGCTGCACAGGTTGCGGATATGGCGCTGGAGGACATCGTCT  
ACCGCGTTGCCGCGCCAATAGCCAGGCTGGCGGCCGAACCGTCAGTCTCGGCC  
GGGCAGCAGAAGTGGCTCTGCCGGCGCGATCATCTCGATGTCGAAGCAGCAGCC  
CCTCAACTTGGCGCATGTGCCCGTGGACGTTCTGATGAGTGCTCGATCAGTG  
GTCGTGGGGGGCGTGGCTAGTGGATTGAGGGCATCTCCTACGCTTCGCCAG  
AGCCCAAAGGCAGTTACGAGCAGGCCGCTGGCGCTGTAAATGCAGGTGAGAG  
CCTGCCCTCGCCGTACTGGTTGACTACCCACAGACGCCATTTCGGGCCACGAA  
GCGGCATGCCCTCACGCCGGTGGCGAAGCTTCTGCGTCCCTGAGATACCGAGAG  
ACTGTTAGAAGGCAGCGTGCACGCCGAGATCACCTGGACGCCGAAGTTGTTGAAGACC  
TTGTCATCGTCCCGAGACGCCGGCGAAGGGCAGCGGTTGTCATTGACCCATTACT  
GCGACAAGAACGCCAGATCACCTGGACGCCGAAGTTGTTCCATATCCGAGGT  
GGCCAGCTCCACCTGCTGAAACGGCTGCGAGAACGTGTTGCCGGCGGTGAAATT  
CGAAGCTACGACGCTTCCCTGCCAACCGCTGCTGCAAGAACTGGCTCGATCAAGGT  
TTCGCGCTTCTGAGGTTCACTGGCGAATCAACCTGCCCTCAGTCGTCCTT  
GCCGCCCTACCTGAGATGCCGCCACTGTCGGCGCTGCCCTGGCAAAAGTTC  
CCGCTGGCCCGGCCGCCGGATGACAATGGCCTCGTCTGACTCTGAGCAGCCG  
CCAAGCTGGCGGTGGCATGAGTCAAGGTGCCGCCCTGGAAACCTGCTCGCCGAA  
TGCCTCGCCGACAGCGACCAATTCCCCCGGGAGTCGGATTGCCAAAACCTGTT

GGAATGTTGTTGCTAGAAGACGCCAACGGCGTGCATCTGACCTCGCTCCGAA  
GAGATAGCGGAAGATCTGAGCGACCGCGCGTGGAGTACATGACCATCAGCGAGGC  
TCAACGAGCCGGACAGCTGACGCTTGTCCAAAAAGAACTGGTCAAGGGCGCTCTGC  
TCTTCGGCGCCCCGTCTATCGCGCACTAAAATTGGCGATGGCTCGGCGCCTTT  
TCGCCATCGAAAGAGGGCGCTGCCGGCAAAGCTACGCATACAAGCTCGAATTGCT  
GACGGTGGCGCCCCATTGGTTGTCTAGGCGGGCTGGATGCACGGTGCGCCA  
AGCGATGGTAACTCCTGAGCAGCCGACCACGTCCGATCGATGCGTTGATCAGCA  
TGCCTCGTGCATAAAATCAATCGAGCGATCGCAGAGACACCTCGCAAGACGTGCTCA  
ACGAGCGCTATCGCATGCTACTTGATGCCGACAGGATCACGGTGCAGAAGATAT  
CGGAACAGGCCTATGAGTTCAGTCGGCGATGACTGGTTGCCATTGGGGATGTGC  
GTGTAGAGCAAAGCGGTGACTATTGGCGCGCTTCGCACGGCACAAACAAGCTCATCG  
CTCCGGTGTTCCTGGAGGCTGCATGCTCATGGGCTAACCGCACGATTGCTACGCAA  
CGCGAGCACTATCTGCACACCTCCATCAAACCACTGACGGATCACTGCAGTCGCC  
ATCCCAGGAGCAGGACTTCACTGTGCTCGACGGGTGCTGCACAAAGCGTCGATCGG  
CGAGCAGACATCGTGGCAAAGCATGGGTGTCCAAGGCGACTGGACGGTCTATCCGA  
AGGATCTCCGAGCTGAGATCATTGATGATGGAAGGCTGCGTATTGCTATACGCGGAC  
GCGAGTTGATTATGAGATCTGTTGATGGAGGGGACCCGGCTCAACCTTGCTT  
ACTACCAGACCAGGGCTGCGCCGGATCGGCCAGTGGCTGGCCAAGTGCAGGAC  
GACATCCGCTGGGATGAGACCGTGAGAGCGCATCCGGAGGGTGGACTATTGAAGCA  
ACGCATGCGTGAGTATCAGGACCTGCAGGTCAAACACTACGGTGTGCAAATTCA  
GTGCGCGTGTTCATCGACACGGCCCGAGATGGTGCTCGCATACCGACCGA  
GACGTTGACCGCCTGATCAGTGTGATTGGCGACAATGGACCCAACAACAAAAGCAC  
GATGCGGCTGTTCAATCGGTGTCCGGCTGAAGCCTGGACACAGCAGAACCAACTC  
GGGCCGAAGCGGTCTACCGCTTGCAGGCTAGCGATGAGCAGGCCGCTAACAC  
GCACGGAGGCGTGAGGACCTGGCGCGTGTGCTCGATGGCGAGGGAGGCCAAGGC  
GCGCATTGAGTCGGCTCGAACATGAAGGTCTCGCACAACGGCACTGAGAAGACTG  
GCAAAGCCATGATTGATGATGTGGCGCAGGGCTACACGGAGCTCTCAACCCGA  
CGCCAAGGCGCTCGACCCGCTACATGCTGCGCAATCCCACCACTGGCCAATACTAC  
GATCTGAAAGAACCGCTAACCGGATACGCCGGACTTGGTCACCATCAAAGACAG  
CGCTAACCTCGTGCCGGGCCAACAGATGAGCCGAAGATGTCCATACGCCGGCT  
ACTGAGGACCTGCCGATGATCGGCCGCACTACCAAGAACTCTCTGGATTTCGAGGC  
GACGATTGGCGCTACTTCGACCGCAATCCCAGAAGGTACGTTACAGAAGTTG  
ATGGGGGACTGCCGGCCACTGCCACGAGCTGTGCCGACTGTTCCGGATGCGTCCG  
GTCGCGCTTCACTATGGCGGCTCTGACAAGACGCTGCAGTCGAGGCGATGGTCATC  
AACGATCGCCTCGATAAGCGAATCTTCCTCACCAATCACCGCAAAGAGGCCCTTCGC  
GCGGTGATCGGACACGAGCTGACGCATCGAATGCAGATTGAGCGTCCGACCTATA  
TCGCGAGCTGCCAACGGCGATCGCTGCCCGCCGGTGGACCAAGAACGTTGGGAG  
CTTACGTGCACCTGATCGAGCGAAATCGGACGAGAAGGCCGCCAGCTTCGATC  
GAAGAACTCCGCAGCGAAGCCGTAGCCGACATGGTAGGTGATCTGCTCCTGATAG  
GCGTCTATGGACGCCCTGAGCGCTCCATCGCTGCCAAAGGGTCGTTGGCTGGGT

GCAGGGCGCATGGAGGCGTCTGACGGCTCAGGCTGCCGTCCAGGCGCCGCTGGCG  
GAGCGCCATTGGCAAAGGATCGTCGGCGGCAATTACTGCGGCACGTTGTCCTG  
CAGCGCTGGCGCACGATGTCACAAACGATCCTGTGCGGCCGGACTACATGC  
GGTAGGGCCAGTTGCCGCAGGGCTGGCTCCGGCATGAGGCGGATCCAGCGCTG  
AAGTAATTGGTTACCAATGTCGCCGGTACCTGGTCGCCACCGACCAACTCCG  
TCGAAGTCGCAGAGGCGGTTGCCACTCAATCAGACGACGGCGAGCTATGGCGA  
GCGCGGACTCGGTCGAGATGCCCTAGAGCGTGTATGAACCTTGCCCTGTCA  
CGATAACGTATA CGGATGAAGCCTCGTAAGCCATATCCAACCGATATCTCGACGA  
AGAATGGGCCTCGCTGCCATATCTCACACTGATGGATGCGCAAGCACCGCAGC  
GCAAATACCGCTACGCCGATGTTAACGCACTGCGCTGGATCGCACGCCGGC  
GCACCGTGGCGATTGCTTCCAAACGATTCCCGCCTGGGAAGCGGTGTATCAGCAA  
ACGCAGCGCTGGCTGCAGGCTGGCTGCTTGAGGCCATGGTCAGCGATCTGCGCTCA  
CTCTGCGTGTGGCACAGGGAAAGAAAGGCCACAACAGCGCGGTGATGGCTACA  
CCGGACGCTGCAGTCCACCTGTGAAAGCGGGCCGCGTGGATACGATGGCTACA  
CGCGCAAGAAAGGCAGCAAGGTGCATATGCCGTCGATACGCTGGACATCTGATT  
AAATGAAAGGGAAAGAAGGAAAAAGAGAAAAGAGAAGAAAAGAGCACAGGTCCGTTGG  
CCCAGGAGGTACAAAAG

>CONTIG\_2\_length\_37921\_cov\_10.633037

CATGACGCTGCGAACAGCTGATCCACCAAGCAAGATCTGACAGCCAAGAGCTCGGC  
ATGGCTCATGCGCTGCCAGATTCATCGGTGCCGTGTAAGCTGTTGATCCTGCTC  
TGCATTCCGATGGCGCTCACGGCGCCAATTGTCGATGACCCTCCGCCATCG  
TTACGCCCTCGTGTCCGCTGTCCGCCCCGATGATGGATTGGACGGATTATA  
AACCAATCAGTACCTGTACCTGGCATGGTCATCTCTGGTGCCTGACGCATGCT  
GCCCATGTTCTGGTACCGCGTGGTCGCAAGTTGTCGACATTGCCACCCATAAT  
TCATTGGTGCCTGAAACCGCTGTATACCGCATCGTCAGTAAAGGTGACAATCGT  
GAACGAGATGAGCGCCGTAGAGCTTACGCTTGGGCTCATGGCTCATCTGCTT  
GCAGTTGGCTGTTCAAACCGCTGTATACCGCATCGTCAGAATAGCGAGCAGCGC  
TGGCCAAGGCCTAGCGATTGAAGCAGACAAGCGGCTGCTGCAAATTGGCTGC  
GCTTAAGGCTGGAGTCGACCGCAAAGAAGCGATCGACTTGGACGTCAACTCGATT  
CCATAACTAGTTCTATGAGACGGTAATCACGGTATTACTGCAACCCTGGCTTGA  
TTGCAGCTCTGCCGTATGGACTGTCAAGTCGCTCGAAAGCGCAAGCCGACGAG  
GCTGCACGAACCGCAGTTGGAAATCATGGTGGCCATGAGGATTCAGGCGTCG  
ATTGGAGAAAGAGGTACGAAGCCAGTTGGATCTAGAGCTAGAGGTGATTAGAGAGC  
AGTTGAGAATGGAGGTGGCCTGTCTCAAGACTCAGTGAATCCTCAACCCCGAGAAA  
CGCTCGCAGAAACCGCATTATTTGAAGACGCCAACGGCTTAGTAGGTGTAG  
CAATGGCAGTAGTGAAAAAGCGACCGCCGGTAGCGATGGAAGCTCGGTGAGACG  
GCAAACATTGGCAGGTCGAGCCATGCTCGACCGTGCAGGGTTAGGCGTGC  
GTAGACGTCATCGCGCCCTCTCCTAGGCCTCCAGGTACATCTATGAGCAGATG  
ACAGATGAGATGTCGGGTATCTAGAAAACAGGGCGGTGCTGGTCGTGGAGT  
TAATGCTCTACATGCAGGCGTCAGGCAGCAGCTTACCATCGCGATGAGATCGCACA

CTATGTGCTCCACCGCGGTCAACAGGGCACTTTGAGACGTATTCATGCGTAG  
GTCTTCAAATGCCAACGCTATGGAACGAGAGGCAGATTCTTGCAGAATTGTT  
GATGCCGAATCCCAGCTCGTACAGGATATTGGCAGGCTTGTCAACGTATGAT  
GCTTGCGAGAGGTACAACGTATGGCACTGGCGATGAAGTATCGTTGCAGAACTT  
GGGCTACCGGGTGGACTGATATGAAAGGCTACAGGGACGTACGTATGCCAGCT  
CTGCGCACTCGTACTCAGAGCTAAAGCGTTGAAAATCTCAGACTAGACGTAAG  
GGCTCAGTTGCTGCCGTTTCGAGTTGACTCGGTACGACGGTCAAAACCAATCC  
TGACGGATCGGTACCAAAACGGTCGAGCGACTCGTGGAGTTGATGGGTAAAACC  
CTTTCATCGTCGATGTCACATCCCTAGATTCACAGGCCAATGCCAAACGGCAGATT  
TTCTGGATGCAACTGATTGTTCGAATTGGTGTAACTCGTATTGCCGAACCTGCC  
AGCAAGCTGCATCCCGGTGGTCACCTGAGCGACCCCTCGACGCTGCGAATTCTC  
TACGCAGCGTGCAGGGCTCGAGTCAAATTGCGGAATAGCACTCCGGATACCTA  
CGGATTATGCCGGCGCCTATCTAATTGCAAATGAACCTCCGATGCGACCGAGGGATG  
GTTGCATAGTTCTGTTAGTCGATGGGGCTTGTAGACAAGGTGCGGCCGTACATG  
CATCGAATCAATGCATGGTAGTCGAAGGTTATTGCCGGATTAGTTGATCTGATTG  
CGCCACTGACCAGCAGCTTCCCAGCAGCGTAAGCAGCGTTGGGGTGGC  
GATGCGTACGGGACTTCGTGCTGGAAGAGACAACGGTATCCGAAGTTCAAAGGT  
TTTGGCGTAGAAAATACCAGGGTGGTGCATGGCATTACGCCCTGTGCATCCAAA  
CGACTTTGAGGGGACCGTTACTAATTGGGTGCCTCGCGTTGATGTTCCACTAGAAAT  
TACAGGCTTCTATTATCGTTAGGCCTGCAGGCCGCTACGCTTGGCAGCCGG  
GCTAGCTGTGCGCGACGTAAATATCAAGTGATAAAACTGCTGGCACACGACATGG  
TCGTCAAAGCAGCAGCCGGATCACCAAGAAGGTGCGAGCCGCGTTGGATTCCG  
TTCGTGTCATTCCATTAAACGAGACAGGCCTAGGCTGAACCGTCAACTTCCCC  
GATAGCGCGAGCAGCTGCAAGTCGTCTAGGTCGACTATAGAGCCCTCTTGCTGG  
AAAGCTGCAAATCGATCTCTGCATCGCGCCGCAACGGAATTAGTGCAAGGCACGT  
CAGTTCCATATCAGAATGGATTTGTGGCTAGCTGACGTGACTCGTCAATACCTCTT  
ACTCGCACGACCGTCGAGCCAAGAAGAGATGAAAGGTCACTATCCAGCCACCG  
GACAGCATGTTCTGCCTTCAGGCAGTGCAGGCCGTGGACGCCCTCACCCACGTTGC  
ATCCTCTGGCCAATAGGATGAGTCCAACGTTGCGGGGAATCATTGCGGAGCACT  
GCTTAGGTGCTGTTGGAACTGCCACACTGACGTCCAGGAACATTGATAATC  
AAAAACCTGATCCGCAAGTCTCGAAAATTGCTCTAGGTCCCTTAATCTGAATGC  
GGATAGCCTCGATGGCCTATGGCAACTAAGTCAGCTTACGGCTGACATCTAAGAA  
CGGCAGTTCCACCGCTAACGCATCTGTTGCCGATAGCTCAGGAAGTAGCCATTGAT  
AAGCTTGTGCTCGTCACATGCATATGTCATGCGCCAAGTATCACGTATGGCCCG  
TTGGCTGCCATTAAACGAGTTCTTCTAAGGCTGCCCACACGTTGCTACGTCCC  
GCACGTGATAACCCCGTGCAGCGGACGCCGCATGCCCGCGATCCAATT  
TGCAACGTCTCATCGTCAGCTGGCATGAACTCGGCCGGAACGTGCTGACGCTC  
ATCGTAGGCCGTAGTGGCCGTAGCAGCCAGAACGTTGAGTGTTCAGTGGCTCCC  
ATTACAGATCTCCTCTTGTGAAGCTGATGACCCACACCCAGGGGTTGGCGTCCC  
GTCGCCGCCGGTGCCTGGCCCACAAATCGCGAAGCTGGTCACCGGGTTAGCTGCGT

AGAAGGCCCGTCCTCGCGTGGAAAGCCATGACCGTCGGCATGTGGCGCGATGCC  
TCAGCCAGCGATCGGCCTCGCTGATCGCCTGCAGCGCTCGACGCGCACGTCGGT  
ATCTCCAGCAACAGGCAGGCAGGCATCACGGGCATGTGGATGCTGGCTTCCACAC  
TTTCGGGATCCCGAGGTGATGCCCATCGGTAGCCGTGTTCATAGGTGCGCGGTA  
ATCGACTTCGATCAGGCAGCGTCCACTGACGATTGGATCGGAGAAAACGTCTCCC  
GCACCCACAGCCGTCGCCGATCTCCAAACGCGCAATCGGCCAGTAGCTGTCGC  
CGGCCAACGGATGTTGGCCGGAAGAATTGGCCAGCGCGTAAAGCCGTAAGCGGT  
TTGCCAGCTGCTGCTCCTGACCAATAGAAGAAGCCGGATGCCCTAGTGCCGCCG  
GCAGGCCGTAAGCAGTGGCTTCCGATGCAAAAGTGGCCACTCGCGCGCAGCTC  
TCCCCCGACTTGACCAACCGCGCGTCTCGCTTCGCGCCGGACAGGATGGCGCG  
CACCATGGCGCCGTTGAACAGGATGGGCGCTACGCATGACTGAAATCCCCAGA  
CGACGCCTACGTTCCCTGTAGCGCACTCCTCACGGCTGGCACGCCAAGCCAGTC  
GCAAAACTTCACTCGATTGGATTGAGGTAGGCCGATACCTGCGCTGGCTGAC  
GTCAGCTCGGCTCAGGCCGCAATTCTCCACCTGGCGGCTTCGGCGGCCGGCG  
GCCGCCGTGACAGTGAAGATGTCATGCCACCAGAGAGCGCGTTGCCGCTGCGTC  
CTGCATTAGGCCGAGCTCGACAAGCTGCATGCAGGTCGGTGGCTTGCCTCG  
GCTGGTGACGAAGTGGTCCGGTGGCTGGTTGCGTCCGTACTGCCGGTGCCGAG  
CGAGTGGCGCAGCACGTGCAACTCGGCCTGTGTCAGGTACGCATGGTTGTGCTC  
TGTCGATGCCCGCGAAGCGCTGCCGATCTGGGTCAGGTCAGGCTGGCGCTGCC  
GCCAGGCCGCTGGTAGTGGCGGCCGAAGCTCGCGCAGCTGGTCAGGCTGCC  
GCATCCGGTAAAGCTGGGTGCGCCGCAACTGGCGGCCACTCGTAGCGCTGCAG  
GCGCGCCGAGCAGTGAAGTCCGGCGGATGCCGGCAGGTCGCTGCAGGATGG  
CGTCGAGGCCGCGGCCGAGGAGGGCGAGGGTATGCCGACGTCTCCAGCGGCAGGC  
CGATCTGTGCGGCATCGCTGCTCGCAAGCGCGGTCTCGATGGCAGCGCAATGC  
GTGCCTCCCGCATGCCGATAGGCCGGTCCATTGCGATGCCGATGAAGGCGAAG  
CCCTCGAGCGCAGCTGCTTGCCAGTGCTACCGCTCCCATGAAGGGATCGAGGACG  
ATCCCGCCTGCCGGCGTGACCAGTCGGCACAGGTATGCATCAGCTCTGCGCTTC  
ACCGTAGGGTGATAGTTGCCGTTGCGAGCTGGCCAATTGGCTAACTCACACGAACGC  
ATGGTCGCGTCGGATCCCACGCCGGATGGGCTGCCAGCAAGTCCCTATTCCGA  
TCTGAACCGAGGCCCTTGCGCAGTAGAAGAAACGCGCAGCGGTGGTATCTATCTC  
GACCGAGGGGCCGGATTGGCTGACATTGCGCAGAGCGCCATAGACCGCATTGC  
CGCTGGCTCGCCATCATCAAGGGCTCGTCCCTGTTGCCCTCGCGTCCGGAAAAAA  
CAGCAAGCACTTCATGGCTACCGTCGTGGAGCACGTTGCCGGCAGCGTCCGCC  
CGCTGAACTTGGCTCCAATACCGCAATCGTCCGTGTTCACTGCCGGTGCATAAG  
CCGAATGGTCGCCGCCACGGTCCAATCAGCGCTGCCAGCAGAATCGGCT  
CGTGTGCTGGCTTAAGCGCGGTACCGCCCCACGGTCCGTTATGCGACTTCGGAAACC  
CTGAGGCCAAATCCACATGAGCTGGCGGACCTCAAAGCCAGCGTCCCTCGATG  
CCGCTGCCATGCCGGTGGTACGTGCGCGCGCAGCGAAGGACAGCGGGTATCCGCC  
AGGCTTAAGCGCGCGCAGCACCTCAGTCGCCATGCCGGTGAATTGCTGAAACG  
CTCGCATGGCTGCCGGCTATGCGTATGTGCCGGCAGCCGCCGCTGTTGTGCG

CGCCGTTTCGGTGGCGCTGGATCCGCTGATGGCATGCTGCGCCGTAACCGTGGC  
GCGCAGCGATGTCGGCCCCGTCCCACGCCCTTCCCATGAATCCAATTCCATAAGGCG  
GGTCGGTCACGATGGCATCGACCGAATTGGCGGCCATGGTGGGCAGGATGCTGAGG  
CAGTCGCCGACGTGGATCATGCGGCCACCTGCAGCGGCTGCGGCTCGTATCGAGGT  
TGGCCTGGCGAGGGCTACCAGCGCGGGCTGACGCTGTTGCCGCACATGCGC  
ACGGCGCGCTGGTGCTGATGGCGCGGCCGTACCGGTGTGGGTATCCGGTACGT  
ACGGGGGAAGCCCTGCGCGGAAACAGCTCGTGC GGCTTGAGCATGCGCAGGCCAA  
TATCAACGATGACGTAGGGCGTGCCTGGATTACCACCGTGACCAGCGCCATGCGA  
TCGCGCGTGGTCGCGGTGTCGAGCGGTTCGCGCAGATCCACGGCGATGCCGCTGCC  
GTAGTACTTCACCAGGAAGGCGCGACCTGCTGTCGCGCCGCTGCTGCTCGCGCT  
GAGCGTGCACTCGATATCCGTGGTGCACGGCACCGGCGCATCGGTGCCGAGCG  
GCTCGGCTACATCCTGGCCATGAGCGTTCTGCGCAGTCACCAGGTGCGCAGTCG  
CGAGTTGCTGCTGGCTACCGGTGCGGTGATGGTGCTCATCGGTCGCGCAGTCG  
GGCCGCCGCCCTCGTAGAACGCCGCCGTTCGCCTGCTCAAGGAAAGCGCATGCC  
GCGTGCTTACGCCGCTGGCAACGACGGTACCAAGCGGCTGCTGCAGGTCTAGGGC  
GCGTGGTGCCTGCCCTGGCGCTCGCCGTAGCGGCTGCACCAGCACCGGTGCCAC  
CAGTGCGGTGTCTGCCTGGTGGTCATCGTAGAGCGGCTCAGCACCGGAGCGCG  
CTCAGACTGACCGGCTCGCCACCCACGCCGCCAGGATGGAGCGACGGCCGAGA  
AGTGGCACCTTCACCCGGCGCAGATCGCGCAGTGGCTCATCTGCACGCATGC  
TGCCAATGGTGTGGCTGCTGTCATGTCAGCGATGAAGGGTGCAGCTCCGGCG  
CGACCAGCATCAGCTGCCCGGTTCGCAGCGGTGATCGTGGCAGCGGCCCTGC  
ACGTCGGTACCCGGTCCGAGCCCTGATGCGTGGCCGGCACGATGAAAGGGTGGC  
CGACTGCAGCACATGGCGCATGACACCCCTGGCGATGCCGCAGGGTGGCATCTG  
CCAGCGGGCGCTGCGGGTAAGATCGACTGGCAGGGATGGAGAAAGTCGAGGCA  
GTCGGCAGCACGCACACGCCGCTGCATGCCGGCTGTGCCGTGCGTCGGCGCC  
GCCACACAATCGGCTGCCGTGCGCCGCCAGCATGAAAAGCCGTTCGCGGCTG  
GTGCCGGCGCCGTAGTCGCTGGCGGTAGCTTGCCTGGCGCAGCCACTCGGTTGAC  
GACTCCAGCGCGGCCACAAACTGGCGCCAGGTGCGGCCCTGTAACGCTTATCCGG  
CACCAGCTGTTGATTTGCCACCGCCACTGTTGCCCTGGCGCAGCCACTCGGTTGAC  
CATGCGCCCGGTAGCTGGTCCATCACCAAGATCAAGCGTAATCACGCCCGGTTA  
CCTTGCAGCGTTGGCGACCAGCGGACCCAGGTAGCTGCCAGACATTTCCA  
GAUTGATGATGCCCGCGCATTGCCAGCGGCCAGCTGGCCGACCCACTCAGC  
ACCACCCACGACAGGGCGCGCTTGCCTGGCGCTGCCGGCTGGCCGCCCTGGCCTG  
GCTGAAGTGCCTGCAGTCCGGTACGCATGGAACCAGCGACTGGCCACCTGCGA  
CGTCCTTGCCTGGCGGTCCCGTGCAGATGTCCTGCCGGTGGATGTCAGCGGGT  
GATTGGCCCGTGCATGCCATGCCACTCGTGTGGTTGAGGCCAGCGCCGGGT  
CAATGCCAGCGCTGCTTCAGCGCCTCGCTGGCGCCGCCGCCAGCGAACAAAG  
TCGACCACGATCTGCCAGGGCGCAGGCATGAGACCTGCGGAGCTGGGAAGTTGAA  
GGAGTGCAGCGCTAGCCATGGGTGCAAGCGTCCCTGTGCCGTGGTGTTCATCAGTC  
GGTGGCGATGCCGCTATGGATTGGCGGTATCCGGTTGGCGGGATGGCGTGT

GGCGAGCACTTCGATCGGGCCGCCATTGGGCCTTGGAAAGTCGGCGATTCCCTGGGCAA  
TGCCTGCGCTCTGATTGCCCTTCTCGCCGCTCAACGCAAGCACCGCATGCG  
ACGGAGTGGTGTGCGACGCCACGACAGCAGGGCTTGGTGCAGCAGCGGTTCTCG  
GCGTCTGATGTGATGGTCTGCCACCTGGCGCGTGGCCGCTCAGGCTCCAG  
CGCGTCCGGCCGGATCGGGCGTGGGATGACAAGGCCGTGCCGCGATTGCGTT  
GAGCGCGCGTGACCTGAGATTGGCTGACTCGGATGCACTGCTGGCCTGCAGGG  
CGGCCTGGTGGCGCCCTCGCTGGAAAGAGGCCCTGCACGCAGCTGGCGGCC  
AGGCCTTCGATTGCATGCCGTACTCATGCGACGCCCTGCTGCGACACAGGCGCG  
TGAGCTCTGCGCCTGTGCAAGACCGCGGAATTGAGCGTGACAACGCTGGGAAAG  
TCGCGATGGTCGAAGTCGGCCAGCCGGCTTCTCCAGCCAGTTGATGGCCGGCG  
GTAAAGACCGATCGGTGGCGCACGAAAGCCGGCGCGTACGGCGCAGCGCGT  
GTCGGGAGATTGGAATGCCCGAGCAGCGCTCGCGAACGATGGGCTTGAGGTGCA  
TAGGGAGTCCTAGGCCGTGTGCCGCTGGGTTGATGGCGCCAGTGCCTCTCGCG  
GGCACGGCGATGAGCGACAGCGCACGCCGCTGCAGGCCAAGCGGATGCCCG  
CGGTTCTCCACGAGCGAGCGAGATGCGTCGGCGCGTGGCCACACCGCAGCGGG  
GCACTGGATGTGGTACGTACCAGCACCGGACCGGTGTGCCAGGCCGGTGCAGGCG  
TCGGTGCCTGCGTCTACCCACTGCCGGTGGTGGCCGGCTTGGCAGGCCGGGA  
TGCTCGGGTGCACAGGGATGGCGATTGACGCATGGTCATGCCCTCAGTGTGGAG  
ATCGGCGTTGCCGGTGAGCAAGCCGGGATGGGTGCCGGCTGTCTTACGCCGG  
CGTGGATGCCGCCAGGCATCGTCTGCGCATTGCCAGGCCGATGCCGGGG  
ACCAGAACGCCAGCTGGACCTCCCCGCAGGCCGATGGGTTGCCCTGTGTG  
TAGGCCTGCCGGTGAGCGGCAAAGGCCGTGCCAGCGGTGATCGAGGGAGATGTC  
AGCGGCCACGGCGAGCACCTCTGCCGTGTTGCCGTGCGCCAGCTCGAGC  
ACGCCGTGGGCACGATGTAGCAGGCCAGCGCAGGCCAGGCCGATGCC  
GCATCCGGCGGGTCACTGGCTGCACCTCGCGCACGCCGCCAGCGCGATCCAACC  
AGCGCACTGCCAGCGCAGCGCAGTGGTGGACATGCCGTACCGGCCAGTGC  
TGCAGCTCGGTGCCGCCACGAGCTGCCCGCGAAACCTACCGAGACCTCCTG  
TGCCTGCCGTACTCGCTTGCATAAAAGACCTGCCAGACGTGCCCGCGAA  
CTGCCGCTGTCAGCGTCACCTGCAGGCACAGCAGCTGCCCGCGATGGC  
CGAAGTCGGCGCATTGCAGCGCTGCCGATTGGTGCCTGGTGCATGCC  
TCCGTCCGGTTGCCGCCAGTTGCCGCCAGTGCAGCGGTCAACGCC  
GGCATGCAAGTGCCTGCGTGTGCCAGCTGTGCGATGGCGGATCCAGATGCG  
TAGCGGCCCTGCAGCGCAGACGGCTGCAGGAGCGCAGTGCAGCG  
ACGAGCGCAGGCTGGCAGCGTGTGTTCATGCCCGCAGTCCCTGGACACGT  
GGCTGCTGCCGATCCCTGCATTACGCCCTGCCAAACGCCCTGAGCGCT  
ATGCCGCCAGTCAATGCCCGTGCAGCGCAGTGCAGCGGACGCC  
TCGAGGTCTGCCGATCTCGAAGCGAGGCCGATGCCGCTGCCGCCACG  
AACCAACTGGATTGGTGGCGCCTGTGGTCTGTAATAGATCTGCC  
AGCGCGCATGTGCGCTGAGTTGAGATCTGTGGACAGAACGCC  
AGCAGGCCACTCCAGACGCATGCCGCTCATGCCGCTGCC  
AGCGCGAAGTC

GGCTCGCGCTTCTCGCGCAAGCCCTGCAGCTGATCCGGTTGGTGCCTGGGT  
AGCGGTTGGCCCCCTGCTCATGCCGCCGCTTGAGCGCATTGGCGTGGCGTGGT  
CTGCGGCAGCACAGGCCTAAGGCAGCGCGTAGCAGGGGCCCTCAGGGAAAGCC  
GCTCGGGTAGCTCGAGCTCAAGATCTGCATTCCGGACATGGCGCTCTCCG  
AAGAAGGAGGGCGCCGGCGGTAGTCAGGCCAGGGAGGGCTGCTACCGGGCA  
GAGGGAAAGGGCTGGCCGGCAGGGACGACCCGCCGGTCGCCCTCAGCTTGTGGC  
TGACGGGTACTCTACGGAATACCGTTACACGCTGTCAACGGAATTCCGTACAAAT  
TTCTTGACTATGCCCTGCGGGACGTTAGCGCTGCCGCACGGTTCTCGATGGC  
TCTCTAGTCTGAAAAGAAGATCGTGGGTAGTGCGCCGGCCCTGGCATTCTCCGT  
GTTGACTTCAATCTTCCATTGATAGGGCGCCAGCACATTAAAGTGCAGTCCGGA  
CTCTGGCTGCCCGGGCTTGTATCGATACGACATTCCAGCCTCGCATTGACCACC  
AATGCTCGATGAAGCCTCAAGCAATTGACTCCATGCCACTGCTTACACGTAATT  
TCCGGTGTATGTATCTCTTGGTCTGGTATCCAGTATTCCGGCAATGACTGCT  
GAGCCCACAAAAAGCAAGATCAGGGACTCCTAAATCGATCCGAGCGTCCAGCCGAT  
CACTTGCTGATTGAGGACTTGCACCTCTGGTGAACGATGGTTGAGGCTTT  
ATGGGTGCGCCGCAGCCGGCACGCACTCGCTTATCGCTGATTCTTACCGCAT  
TCTTCGAGCTGACCAACATGGTCCATCCTATTGAGTAATCTCGGAAAACCTGCG  
TATCTCAATCAGCCCATCCACCAATCCAGTGCACGCCAACATGGAGATAGGTT  
CTCGCTCGAATCCATGCCTTGGTTCCGCCAGTTGTGGTACCCGTTGGTGT  
ACTGCAGAAAGTACACGGTGCATCAAGTATTCCGCCCTAACGTAGTACTCTGG  
ATTGCCACGCCATGTACCTGAATCAGGTACAGAAAGTCCGTCAATTGGTCGGATGTC  
TGATGTATCAAATAGGATTGCATGCCATCGTTATTACTGGCTCCATACTGTCGCCG  
CGGCCGTAGTAAACAGCCAGAGGACGCCAGGGATGCCACGCCGCCAGACTTGT  
TTTCTGAATTAAACTGTGTCTCAGCTACTACGGCTCAACCCGCCAGTG  
CCCAGCCGACAGCTTGCATACCGATAACATCGTCCAGTCTGTCTCAGTC  
TTGGGTTGCTCGAGCTGAGATCCTTACCCGTCTAACCAACTAACGCGCACCCG  
AGCCGCTCGCGATCTTGTGAAGCCGGTGTCTTAGATGCCCTAGCTCAAGG  
TCAGATAGAGTCGTGGCGCAATTCCGGCGGGCTAGCTCTGCGCGTGT  
CTTCTGTTTCCGCTCTCGCGATTGGTGTGGCCATTGAGTTCATGTGAGGATTG  
AAACGGAATTCCGGAACGGAATGCCGTGACAACCTGTAACGGAATTCCGTAGAGT  
GCCCCCATGGATATCACTGGCAGATCGGATCAAGGCCCTCGAAGAGCATGGCAA  
GTCTCTAACGGAGATAGGTCGGTAATCGGAAGTCACCGCAAGCGGTGAGCGACA  
TCAAGCAGGGTGCACTCGCGAGCCAGGCCAGGGATGGCGGCCCTGGTGCATGCC  
CTGTATCTAGAAGTCAGTGGCCCGCACTGACGTGCAGGAGGTGGCCTGATGTCTC  
ACCCCAACACCGCATCACTACCTGAGCTAGTCGCCAAGTGCATGCCCGCGAGGG  
CGGATCTGGCGCTGGAGGCAGCCGTGTGAGCTGCCCTGCCAGGGCACGGCACT  
CTCAGCCGCCGCGCTCGAGTCTGCTGTACACCCATAACGCGAAGAGGAGCAAATCCC  
GTGAGCCAAGCGCGTATCGATGAGTTGAAGGAAAAATAGTGGCAGGCACTGACGG  
CATGGCGGACAAGATGCAGTTGCCCACATCCTCGGCCAGACGACGCTCGTGCCT  
CGTCAGACAGCTCCGGCTCGTAGCCTGAGCACGCCATCTATTCTCGACAAGC

AAGCCAAGCGCAACGTTGTCCTGCATGTGGGCAGGCGGTCTTCCACCAACTGCAGC  
AGTTTGCCCCGGATCACTTCCTGATTGGCAGCATGGTATGAGCATGGCAATACC  
GTTTCCACGACTAGCTCGATGGCATCGAGTCGTTGCTTGAACCTGGTCGCTGA  
TTCCGTCTGTCATGCCTGTGCTCGCTGGAGGTGAGGTTGGTCGCCGCCAACCT  
ACAGCGGCGCGGGCGCCAAGATGGCCGGCACATCACACCGCTGGATGACGCCCTG  
AGCGCCGGCGAGCTGCCACGCTGGTAGGCCTGCCATCTACAACAACGGCGACAT  
CGCCGACCTGTGCCCTGACCGCCGACGAATGGGCGGCACTCACCGAGCGCCGCC  
GCGTGGGCTGCCGCTCAACTCCTGGAGGAATGTGATGCGACTGCCAGTCAGTC  
CAAGGGGCCTGGGACGAAGAGCGGCATTGCCGCAAGCAGCCACAAACGTTATCGC  
TGAGCAGATCAGCTCTGCGGAAGTCCAGCAAAGTGCTTGTCCAGCTCTCCATA  
TCGGTGCCGTAAGCCTTTGAAACCGCTCGACCTCACCGCGGCCAGATGCTGCTGA  
GTGTCCTTGATGAGCTTCCCTGAATCCTTCGGCAGACCCCTCCGTGGTGCCTACGG  
TCTCTAGTAGGCCAGCAGTGTGGTCTCTAGCCTGGCAACTCGGCTGTGCAATGCGC  
TCAGTGAATCGGTAAACGGATCGTTATGTCGCCCTCCTGCCGGCTTTGTTGGTGC  
CGTGGGGGTTCCAGCATATGCCGGGGAGGGTGGCACCTATCGTAAGCCCAGCAA  
GAACCTGGTGCCTGATCGTATCCGCCAGCAGTGGGAGCGGGCGCGCTGCCGAC  
TGCCTCAACCATGCCGGGGATGCTCCGCAACGCCAGTGCATGCCCTGACCGTTGC  
CGGCCTGGTCGCGTTCTGCCGCCGGCTGGCAACAAAGAACGAGACGGGACAACG  
GCACCGACGCCGGTGCAGTGTGACCGCGCAGTGCACGTAATTGATGTGGG  
GGGGCTTCCTGCATGCCGAGCATGGTGCAGATGCCGAGGCCGGCATGAAG  
GACGCCCGTCAGTTCTGCCGCCAGGCAGTCGGTGGTCTACGCCACACCCGCC  
ATGCTGGATGCCACGGCCTGCAACTACACGACGTTGCCATGCAGGTGGCTGAGCG  
CTACCTCGGACCAACGGCACCCGACGTGCGGAGGTAAAGCTGCGCACGGGTGAGG  
GCATGGAGCTGATCAAGGCCATGGAGAACAAACGCCAGATCCTGCCGGCTACATG  
GACGGCACGGTCAAGACCTGCCGGAGATCTGGAAGACGCGTGGTGCAGCCT  
GCCGGAGCCGTACCGCAGCGATTGCGAGCAGGACCTGGCGGCCGGCATG  
TGGCTGTGCCGATGCCAGCGACGAAGGGATGCAAGGTGGCGAGTGTGTCACGCTG  
TTTCAGGAATATGGCGAGCTGGTGAGCGCGCTGGCTCCAGCGTGGCAGATGGCAA  
GTTCGGCCCCGAAGACCGTCAGTACGCCGACCAAGATGCCGCAAGGGCGACGATG  
TGATCGGCCCGTGATGGACTGAAGCACGCCCTGCCAGGGATTGAAAGCGGG  
GCCGCCAGTGCCTGAGATGACCATCTACCGCGCCCCGGCACCAACACCCGCC  
GCCGCAGGACCATCAGCCCAGTCGCGCGCAGCACATGGATGAAGCGATGCC  
CTCTACGACAACGCACCGGGCCTGAGCGGTGATGAGGCCCTGCCGAGCGCAGCG  
GTTTCGCGAGGATGAGCGAGGACAGATCCGAGGTTGCCGCTGGAGC  
TGCAGCCATGAGCGTGAGCCGTTGCATACCCGTGCGCTGAAATGGCAAGCACC  
CGCGTCAGCAGTGGAAAGGACATGATTGCCGCCCTCCGGAGGCGTGCAGCACACC  
AGCATCTGCACGGCGGCATGGCTGCCGTGAGCGTATTGGTACTACCTGCCGGTG  
CAGTACCGCGCGCAAGTGCCTGAATCCATCAAGCGGGCAGGTTGGCAGTGG  
GAGCAGCGTCACGACGTTGAGCGGCTGAAGGCGGCCGTGGATCTGCCGAGTTGT  
TGGCCGATACGTGCAACTGCCGCCGGCAAAGAGTTGACGGGGCTTGCCCGT

TCCACAAAGAGTCTCGCCCTCGTTCACGGTGATCCCCGGTAAAGGGTTGTGCATT  
GCTTCGGCTCGGGAGCGCATCACGACGTACGGCTCCTGATGGCGATCACC GG  
GCGATTCCACGAGGCCTCGTACAGCTGGCGCTGAGGATTCCACCATGCCCGCG  
ATGGTGTGCAGGTGGAAATCGACGCCGCTCGATGTGACCTGGGTGCCGCTGATG  
CCGGTCCGGACGATCGCCGGAGCTGATGTCCGGCAACGGCTGGACGGTCCAAT  
CTGGAACCCCAAGCGCAGCGATTGCCGCATGCCGGTGGTGCCTGCCGATGCTT  
ATCGGGATGCCGAGGGCCGGCTGCTGGCTACGTGTTGCCTGCCGATACGGAC  
CGCACCA CGCAAGATCGGAAAGTGGACGCCGAGGTGACCTGGTGCCTGGGCC  
GGATGGAAAGCGGCAGTGGTGCATCCAGCACTCCCGACGCCCGCCGATCCATG  
GGCTGGATGCCTGGCGCCAAGGC GGATGCCGACGTGTTGCTGGTCAAGGGCGAA  
AAATGCCGCGCGCTGGCGCTGGCGCTGGAGCGCTATGCCGTCGCGTGGC  
AGGTGGCAGCAATGCCGTGCCAAGACCGACTGGCGGCCGTTGGCGGGCGCAATG  
TCGTGTTGCCGGATGCCGACGCCGGGGCGCAAGGC GATGCTGGCTGGCGT  
AATGATGCCGGCCACTACATTCCCGGCCTGGCGCAGCTGCCATTGCCGCGCGCA  
TCGAGCGTGGCGCTGATCGATACCGATGGCATGCCGACGGCTGGACATCGCCGA  
CGCGTTGGAGCGTGATGGCTGGACGCCACGTCAGCTGCGCTGGCAGCGGGG  
GGGTGATTGAAGTCACTGTGGTGCAGGCCATGCCGACGTGACACCACGCAACGCGA  
CATCTGGCGCGATGCCAGCCACGCCAGTGATTGGCGTGCTCAGCTGAGGC  
CGCTGCGCAATCCATACGAAACGCCGGAGCGCTGTCAGCGCCGGTATGACTACTGC  
CTACAGCAAGCGCGACGCTGCGAAGAGGGCGAGCGGGGATGACATTGACCAAACG  
TAAGACGCTGACCGTTGTGGACGGCGGGCTGGGACTGCGCCACCAGGTGGCGGT  
CGAGCAACCCGGATGCATGGAGGCAGGGCTGACGCCACGCCGATGGCAACGTC  
GAAGGCACCC TGACAACCTGATCTGATCCTGGAGAACGACGAGCGCTTCGCTGG  
CCTTGGTGGCTAACGAATCCAGCAATCAGGTTGTTCTCGCGTGATCCGCCTTG  
GAATGGCGGCAACCGCGATGAGTTCACTGATGCCGATAGCTGCGAGCTGGCGGC  
GGCTGCGAACCCGGACA ACTACTGGGTGAAGTGTGGCGATGAGACGGTGCTGAAA  
GCGGTGATGCCGTGGCGCCGGCATGCCGATCCGATCCGTGAGTACCTCAC  
GGCAGTGAAGTGGGACGGTACGCCCGCGTCGAGCGGATGCTGATCGACCTGTTG  
GTGCGCCGGATAACGCCCTACAGCCAACGCCAGCGCAATGTTGCCGGTGAGTGCA  
GTTGCCGTGTGCTCTGGTCAAGCCAAGCAGCCATTGCGCCAGGTGAC  
TTCATGCTGGTCTCGAGGGCGAGCAGGGCAAGCGCAAGTCGAGCGCGCTGCC  
GCTGTTGGCAGCAATTGGTTGTGGAGACATCCGAGTCGCCAGCGCAAGGACTT  
CTATCAGGTCACTCAGGGCTGCTGGCGTTGAGATGCCGAGATGGACAGCTTCTC  
CAAGGCCACGTGACCGCGTCAAGACCGCGATGCCGAGATGGACAGCTTCTC  
GCGCGCCGTATGAGCGGGTGCCCGTCTGAGATGCCGAGTGCCTGAGTGC  
CCACCAACGAGCATGAGTATCTGCCGTGACCCGACTGCCGGCGGCCGGTTCTG  
TGCACCGATGGCGAGGTGCCGCTGGACGCCGATTGCCGAGCGCTGATCAGCTA  
TGGGCTGAGGCCGTGGCGATGTTGAGATGCCGGCTTGAATGGTGGTATTGCC  
GACGCCGCTGAAGAGCAGGAAGGCCGGTACGTTGCCGATAGCTGGAGGGCC  
TGCCAAGTGGCTGCCGGCAAGCTGCCAGGCCAGCAGTCCTATGCCCAAGGGTGA

TGCCGGGCATGCGGATGGAATGGACGACCACCGATGAGCTACTGGCCTATGCCATC  
CGTGCCACGTTCAAACACGGCCAGGAGCAGATGCGGTGCTGCTGTCATG  
AAGCGACTGCGATGGTCCAGCGAACGGGTATGGTCATGGCTACCGGGAGCGCG  
CTGGGTGCGGCCAGCGGTGACATCGGCCAGAGCCGAGCCAGCAGGAGGCGACG  
ATGCGCCTGATTCTGACCGGTTGCCGACCTGCTGAGGCCATTGCCGACCTTGC  
CCAACCTTGCCCAACCTCAATGCAGACGCCAAGGGCTGCCGACCTACCAAC  
CTAATCGCGCGCGTACATAGAAATGCAGCCCTCCTCATTCAAAACATCTCAA  
TCAGGTTGGTAGGTCGGTAGGTCGGGAAGAGTCAGCAGCGGAACGGTTCGAG  
CTGCCAACCTCTGCCAACCTGCCTCATGGTCGGCAATGCGACACGGTGCCTCAT  
CCCAAACCTATGGCGGAACGGCGACGGGTCTCCTGGGCTTGGCCATCTGCGGGT  
AATTGGACCCCACTTTCATGCATCTTCGTTCCGGCTTGTTCCGAACGGAACA  
GGGATGGCCGCATGAGTCCGAAACGATGACCGCAGCCGAATATGCGGCCCCACCGG  
AACTGCAGCGATTCTACATTGCCGCATGCGCCGTTCCGGAAAGCTGGTCATGCAT  
GCCGATGGGAAGCGCATCACGTCGCTCGAGCGATTGCGCTGGACGACATCAC  
CGACCCGCTGCGCGCGGTGATCGCACCGCTGGCGGGCTGACCGCCTGGAGGCGC  
CTGTGTCCCGCGTGCAGGGCGACGTGCCCAGCGTGCAGGAAGCCGTGCGCCGC  
GAACGGCTGGCGCGGGCGCGTTGGCAGAGTTGAACTGGCGAGGAATCGCGCGA  
GCTCACCGCACCAAAGGTGTGGAACCGCGGGTTCACGCTCGTGCGCCAGGCGC  
TCAACAAACATGATGAACATGTCCCGCGGTTGCGCGCCAAGCTGGCTGCAGAGACG  
GATCCACCGGCCATCGAGGCGCTGCTGGATGCGAGAGTGCAGGGCTGATCGCACAGAC  
CATGCAAAAGGAGGCGCGTCAGTTGCTCGCACCGCCAGGGCAGAGCCGGAAACTG  
ATGCGGAGGATGCCCGTGATGCTGGACCTAACGCATTGACGTGGAGCTGGCG  
ACCCGCAGGAAGTTGTCTGCGACGCCTGGTCGCGCGTGGCAACTGCCGCCGC  
CAGACGGTGAGCGAGTGGCCGATGCCAACCGCATCATCGCTAAGGGCTTGGCG  
CGAGCCTGGCCCGTGGCGTACAGCCGAACCCGATCTGCGCGAGATCATGGATT  
GCCTGAGCGACCACTCGCCGGTGCAGGGTTGGACTTCATGAAGTCCCGCAGATC  
GGCGCTACCGAGATCGGCATCAACTGGACCGGCTACGTGATCGACCGCGCGCAGA  
CTCAATGATCGTGGCGCAGCCGGTGAAGGATCTGGCGCGCAGCTGGCCCTCCA  
AGTTGACCCGGCGGTGATGGAGATGCCGGAGCTGCTGGCCAAGCTAACACCGAC  
AACATGCTGGAAAAGCACTCCCGGGCGCACGCTGTGGTGATCTGGAGCAACTC  
TGCCAAGCAGCTGCGCCAGCGCACCGCGCTACATCTCATGGACGAGGTGGACG  
AATACCCGAAGGATATCGCGGTCAAGGGCGGCCATCAGCAGCTGGAGGCGCGT  
GCCATGTCGTACGGCGACCGCGCCAAGATCTACCGCGCTGTACGCCACCATTGCC  
GGTGCAGCGCCATTGAGGCCAGCGGGCGACAGCGCGTGTACATGGT  
GCAGTGCCTGCACGCGCCGGTGAGCAGACCCCTGGACATCGAGCGCCTGCAGCCAG  
ATGGCACGTTGCCTGCCTGAAACGGGTGCGTGAAGAGAGCACCACAAAGAT  
CTGATGTCGCTGAGAACGGTACGGCGACCGCCTACTGGAGGCCCACAACTCT  
CGGGCAGATCCTATCACCGCAGCTACTACCGCGTGGGCCCTATGCGCCGCTCGGG  
CTTGGCCCGTCATGGAAGGACTTGGCCGATGCACACGCCAGGCCAGCGCGACCC  
GAACAAGAAGGCAGGCTCCACAATCTGAAACTGGCTGCCCTACGCTGGCGAGC

GGCAGGAGCAAAACGCCGACGAAGTGGCCAAGCTGGGGAGCCCGGTGTTCGC  
GGCATCGTGCGATCGGTGGCTTGGCTGACGGCTGGCGTGGACTTCCAGCACGAC  
CGCGCCGAGGTGCAGATCATGCCACCAGGGCGCCAGCGTGTGGTGGATGA  
TTACGGGGTATCGATCTGGATCCGACCATTCTGACACACCTATCCC GCCCTGGATGA  
ATATCTCAGCGGCACCTGGAAGACGACGCGCGTAGACATGCCGATCACTGCGG  
TAGCGCTGGACGGCGGTAACTGGACAGAGACGGTGGCGCAGTCGTCAAGGGCATG  
GTGGGCCAGTCCGGCAGGCGCATCGTCAAACGCTCGGTGGCTACATCAAGCA  
AACCGTGTATCTGATT CGCGGCCAACGAACGCAAGTCCGAGCGCGCCGTGTATC  
GCCCGTCCAAGACCGAAGTCAATCAGCGCACAAGACAGTGGCGCGAGCGTTGGC  
GTCTGGGCGTTGGTACCTCGGTGCTCAAGCACATGGTGTACGGCTGGCTAAGCGCG  
GCTGTTCGGCAAAGGAAAAGGCCGACGCTGAAGGGCGCGAGAAGAGATGGAGG  
CGCGCATGCTCGGGTTCCGGGTGGTCGCGCGATGAGGTGGCGGATCCAATCAAC  
CCGGATCGGGCGCGTTGTTGCCGGTTACTACAAGGGCTGACCGTCGAGTTCTAC  
GACAAGGAATCGGGCTACTGGATCAAACCCAAGGGCGCGAAACGAGCCGCTCG  
ACACCGCGTCTACGCGATCTGGCATCGCTGCTCGGTAAAGGCCGATGTGA  
TTCGCGACTCGCAATGGGAGGCCTTGGAGCAGCAGTACCAAGCCAGCTGCGCCTGG  
CTGTTCGATGCGCCGCAGGATTCCCGTGGAAACATCGACGCCGCTGTGGCGCCGAGT  
CAGCCAACGACGTTGGATTCCCGTGGAAACGCAAACGCGCCTCGCGCCGGTGGTTTC  
GCACGCGATGGTGGGGACTCTGATGGCGCGCCGAGTGAATAGCCGAGCAGCTG  
CGCGAACGCATCCTCGCGCTATGCAACGGACATGGCATCAGTGAGCATATGGC  
GCAGCCGTTATCGAATCGATCATCGGTGTTCGCTGGT GAGCAGCCTTATTCCCC  
TCCGTCGTACGGAATATCCGGTGTGCTGATTGTCGCTGCCGCTTGGAGCGCGAC  
TCAGTCAAAGCTGTAATGCGCAGTTGATCTCCGATATCTCCGCTCGAAGTTGCAACTG  
TTTCCGGGAGGCCTGCCAACCGCGTGAATCGGGGGTGTCCACGGTTCAATGAA  
ATCAGCGACAAATAGTTTCGCCCCCTACGAATCAGTTACTTATAAGGGGGTGTG  
TCCACGGTTTCATTAGTCGTGGACAGTCCGGTCTATAGCCTGTATCTATGACGA  
CCGCACAGGAATGCTCACCTCCTACACGCAAGCAGAGCTGCCGTGCTCAAAGGG  
CAGAGCTTCGATT CGCGAGCGCATGCTTACCCCGCCGATCTGGCGGAGATTG  
AAGGGCCGCCAGGAATGGCAGGCCGCTGCGATCGCGAGAGCAATGCAGGCCGCC  
TGCTCGCTGGCGACTGCCGATTGGCGGGCGCACGTGATGAGCAGTGCAGCCCTC  
GCGCGTACGCGCCTGTCCACCGCACTCGCCGCCGACCGCGCCGTGCGAGCTGGCGGA  
AATGCGCGAACGCCGCCGCTCCGGTGTGTTCGCGGCCACGAGGTACGCGCC  
CGTCGCGAGCCGAAGCTGGCGGGACTGGGGCAGTGCAGTGCACGCCGGC  
ACGGATGCGCGTCAGTTGCGGATCAGGCCGCCACCTCGAGCGGACCTGGATCT  
GGCGACAACGCACTCAACGTGCTGGTCAAACACGGTTGGCTCCGGCATCGACG  
TGCTGTCTGCCCCCGCTTGCCTGGGCCAGGCAATCAACCGCAATTGGCGCTGCAGC  
TGGACGAGCTGTGGGACGCCCTGGTGGACGCGCCTGAGGTACCCGACCCACGAC  
TACGGTGCATGCCAGCAGCTGCTGGTGCAGCTGGATGCGGACGGCGAGGC  
CTATCAGGATCTGGTGGGGCCTGCGTACCTGGAACATGGCACCGCAGTGCCTA  
CAGCATCGAGATGCTGGAAGCCGATCTGGTGCCGCTGGACTTCAACGACCCGGGCC

GCAACATCCTGCAGGGCGTCGAGCGCAATGCCTGGGCCGTCGGTTGCGTCCAC  
GTGTACAAGCAACACCCCGCGACCCGCTTGGCTGGAATACGGAAACCAAGCGCGT  
TAGCGCCGATGTGATGCATTCCATCGCAAACCTCAAGCGCCTGCATCAAGTGCACGG  
CTTGAGTGTCTCGCCAGGCCATGTCGCCTCGAAGACGTCAAGGATTACGAAGA  
GTCCGAGCGCATCGGCCAAGGTGGCTGCGTCAAGCCTCCAGATCAAGAAAG  
GCTCGGGTAAACCTATGTCTGCCGGGAAGGCCTGGTGGCGTGGCGCTGGT  
CAGCAGGGCACACCCATCCGCGAGTTGCGGCTGACACCCGGCGAACATTCGACGA  
TCTGCTGCCCGGTGAATCCATCGAGAGCCTGGCAGCGACCGCCAAACCAAACG  
CCGCCACCTGGCGCAAAGAGCAGTTGCGAGCTGCTGCCGGCATGGCGTGAGC  
TATTCCAGCCTGTCGCTGGACTACAACGGCACGTATTCCGCACAGCGACAGGAGCTG  
GTGGAAAAGTGGGGCAGCTATGATGCTGGCCAGCGCTTATCGCGTTGGTGTG  
CGGCCGCAGCGTCAGCGTTGAGGCCGCGTGGCCGCAAGGTGCGCTTG  
CCGCGCGCTGGTCGCTGCGTCATCTGCCGCTCCACGTACGTGCGCCGATCATG  
CCCTGGATCGATCCGCTAAAGAGGCCAACGCAAGGGCAGGGCGAGGATCGCG  
CTGGGTCAAGCCGCAGCAAAACACGCTGCAGTACGGCAATAACCCGGACGAAGTGC  
TGCGCCAGCGTCAGGACTGGCAACAACAGCAACAGCAATTGCAACCAGGCCACGCCG  
GTCACACCGCCCCAGGCTCGCGCGCAACTGCGCGGCTGTGCGCGACATGTT  
GAGGAACGAAGAATGATGCGCACCCATCGACTCACCACCGTATGCAGCTGGTCT  
GGCGGACGCAGGGGCCAGGCACTCGGCCGTGCCTGCTCAAGGTAGAGGCGCGTG  
CAAATGACGTTGCCGAAGTCATGATCTACGGCGACATCGCGTAGCCTGTGGTGC  
GAATCGGTCTCCGCTGGAGTTGGCGAGCAGATCGGCCAGATCACGCCAGCAC  
CATCAACGTACGCATCAACAGCGCGCGCAAGGTGGTGTGATGGCATGGCGATCT  
ACAACCGCCTAACCAACAGCACGCCCGCGCAAGGTGGTGTGATGCCAGGCT  
GCCTCGATTGCCCTCGTTGATCGCGATGGCTGGCGACGAAGTGGTATGTACGCCAGC  
TCTCTGATGATGGTCACGCGCCGACACGATTGCCGCAGGGATGCCGCTTCTTC  
CGCCAGTACGCCACCGCCCTGGATGCTCATGCAGGCGCGATGTTGGAGGCCTATGCC  
ACCAAGACCGCAAGCGCGAGGACATGGAACGGCTGCTACCGACGGCGCCGACC  
ATTGGTACACAGCGCGCAAGCGGTGGAGTTGCCCTGGCCGACCGCGTTGCAGAA  
AGTGCCGCCACAGCGCGTGCAGAGGCGCGTCTGTTGCGCTTGACCGGCTACCTG  
CAAGCCATTACCCAAGCGCCGGCATGGTTGCTGCGCAGTGCCTGGCCACATCGTC  
GCCCGCCTCAGCCCCAGCGTATTGCCCTCTTCCGAGGTACCCAAACGGCCGTT  
GTTGCCATATCGAGGATCCCATGATCAAACAAACTACCTCCGATCCTCGCCAAC  
GCCGGCGCGGTCAAGGTGCAGGCCACAACGACCACCAACGGCGCCCTGC  
AACCGCAGCTGCCGGTGCCTGCCGCCCTGATGCCGAACTGCCGTGCAGGC  
CGCGCTGGTGCCTGCGTGGCCGAAACACCGACATCGGCCGTGGCCGAGCCGC  
ATATGGCCAACGCCGATATGCCCTATGTGGATGGCGTTATCGCGCCGCTGATC  
CGGCAGTCAGTGCATAACGTGGGCCACACATCCTGCGTTGATGGCGCGAAC  
GGCGAGCCGCTCAATGCCGTGCCGGCGTCAATGGCTGGCGGCGATCAGCGCGACCA  
GACCCGCGCGGCGATGGCAACGCCATCCAGGCGCGTGTGGCGCTGGTGCAGGCGA  
CCGACGGCAACCGTATCGCGCCGAGCATGACCGAGCTGGCGCGTGCCTGCGTG

GAGTCGACCGGCACCAACACCGTGGCATGGACCGCTTGCAGGTGGTGGCCTGGC  
CTTACGCACAGCACCTCCGACTTCCC GGCGCTGCTCGCGATCGGCCCGCCGCG  
AATCCTGCAGGGCTATCAGGAAGTGGAAAGAGCAGTTGACCAGTCACCCGCGCG  
TGAACGTGCCGGACTTCAAGCCCACCAACCTGGTTGGCCTGGTGCCTTAGTGATC  
TGCTCGTTGTGCCAGAGGGTGGCGAATACAAGTACGGCACCTTCAGCGAGCAATCG  
CAGCGATGAAGATCGTCACCTACGGCCGCCTGTTCTGATCACCGTCAGGCCGTC  
ATCAATGACGATTGGCGTCTTCAGCGACGTGCCGCGAAGATGGGCCAGGCCG  
CAAGCGCACCATTGGCCAAGTCGGTGTTCAACCTCATCACCTCCAACCCGGTGCCTGC  
CGACGGCAAGACGCTGTTCCATGCCGACCACGGCAACCTGCTGGCCGGTGCAGCG  
TCACCAACCGAGAGCGTCGCCGCGATGCAGGCGCGATGGCGCTGCAAAAGGATACG  
GGCGGCAACATCATCCCGTGCCTGCGATGAAGTCGCTGCTGGTGCAGCGACTGAG  
CGGTGCAGCGCTCACCGTGCCTGCCAGCCAGTACGAGGTGGGTGCAGGCCAGCG  
CCAACACCAACGCCAACATCGTCAGAACACACCTCGATGTCATCAGCGATGCCG  
CTCGATGCCGTTAGCGCCAACCGCTGGTACGGCGTGCCTACCGCCTACGTGGAC  
AGCATCGTGGTCCGGCTATCTGACGGCAACCAGACCCGTACCTGGAACAGCACGA  
AGGTTTACCGTGGACGGCGTGGCGTGGAAAGGTGCGTCTGGACGCCGGCG  
TGGCCGACTACCGCGGCATCTACAAGAACCCGGCGCGTGATTGCGCGCG  
CGCCTGTCGCCGCGCTGCCGATGTCTGATCCCTACTTACGTCTCCGGAGAAC  
GCATGAAAAACGCACATCAAGATGGTCGTGTGCTCGATGTCACCCACTGCTGCC  
TCAAGAGCGGGCAGCTGGTTCTGGCAAGCTGATTGGTGTGCCGTACCGACG  
GTGACATCGCGACACCATGCCCTGCACGTGGAAGGCGTCTCCGCTGCCAACG  
TGGGCACCGCCGTGTTGCCGTTGGTACGCCGGTAAGCTGGATACCGCAATGCC  
GCGCGATTGTCGGCTGGTGGAGCCGGCGCAGCTAACGGCATCGCTATGCCGTT  
GCAGCTGCTGCCAACGGACCCACCGAGCTGCTTGTGCCCTGACGCCCTGGCACGG  
CACGGCCGGCGCGTAACCCCTCGACCACCCCGCACGCAGATGCCGTGAGCG  
GCGTGGGTGGTCTTCTCATCACTTGAGTACTGCAACCATGTCCAGGCCTCGTGG  
GTGCGCAACAACAATCCGGCAACATCGATCGACCGGCACCGTCTGGCAAGGTGA  
GGATCGCACTCGTCCGCTGTGGCGCGAGTCGCGCTTGCAGGTTTCGATTGCC  
CGAATACGGCTCCGTGCCCTGGTCAAGACGCTGTTGACCTATCAGCGCAAGCACAA  
CCTGCGACCGTGCACCGCATCATCAATCGCTGGCACCGCCGGTGGAGAACGACA  
CCGGCGCTTATGCGCGCCAGGTGCCACGGCGCTGGGTGGATGTGGACCGAGCCC  
ATCAGTGTGGAGGCGCCAGCCACTCGCTTCAAGTGGCAAGGCCATGCCAACG  
CGAGAACGGTGGCAACTCTGGGGTGACGAGGTACGCTGGCAAGGTCTGGCG  
CGGGTGTGCGTCAAGTGGATGGCGGCCACCGTGTGCTCAAGTCGGCCGCG  
TCTTGGTAGCCACGAGCGCCGGCAGCGTGGTGGTCACCGACGTGATCACCGCAGC  
GAGCACCTGCTGGGATTCCCGAGTCGTTCTGGCGGCAGTGGTGGCG  
CTACTCGGCCTGATGGTGCTCAGCGAGATCGACGTGGCAAGGTCTGGCG  
CGGCGGGCCTGGTGTGCAAGTGGCTGACGTTGCTGCGTGTGGCTTGGCCT  
GTTCGTGTGGCTTGCCTGGCTGCCGGCTGGATCGTGGTGGCGCTGGCAACTA  
CTTCCCCCTCCATCCACCGGATCGGGATCGCGCAAGCGGGTTGAGCGGTTCATCAT

CAAACCAATGTTGCCGCACTACCTGGCCGCCCTGCAGAAATTGTCCGACCGCCTGGC  
CGGCCGTTCGGGAGGTGGTGCATGACTCTACCTCCTGAGCCTGGTCAGCACACTG  
GCGGTGTTCTGCGCCACCGCATGGCAGCTGCTGCACACATTCCACCTGGGTGACCGC  
GCAAGCGATCGTGCACCTGGCGTTGCGGGTGCGCTGCTTATCGGCCTGGCCGTG  
GGCATGCTGGCATCTTCCCTGCGCATCTGGCGCAGCACACGGCACACCCCTGGTAC  
GTGCTGCTGGTGCCTGAGCCTGACTGTGTTGCTGATCTACCCGTGGCGTCGCCGG  
GAGAGCGAACGATGAATATTTGGCCTCCTCAAGGCCTGGTGGCGCTAGTCTCG  
GCTGGCGGCCGATGCGCTGACCTGGCTGCGCAAGCCGGTAGCCGGCTAAGGTG  
GTATGCGCTTCCTCGTGGCGCTGCTGTCATTGCCGCGCTCACGTCCATCGCAAG  
GGCCAGCAGGTGATCGTGGTGACCGCAGGTGAGCAGTGCCAGAGCGATCGCAC  
GGCAGCCCTGGAAGCAGCGCAGCTCAAGCGCAGGAGTTGGAGCGCAACACGCCG  
ACAAGGACGCCGCGCTGGCCACCATCGCCGCCAAGCTGCAAGCCGAGGCCGAAAAG  
CTGCGGCTCCTGCAGGAGCGAACGCCGGCTGCGGACAAGACCGAGATGCCAA  
GGCAGCGGCTGACCGCAGTGCCAGGGCGTTCAAACAGGAATACGACCAACGCCGG  
CCGAATGCAATGCGGCCTGCAGGCGCTGGCTGCTGCGTGCCTGCCAAGCCTGGAGGC  
TACTGATGCTGCGCTCTGTGTTGTTATCGCGCTGGCTGGCTTGACTGGCTGCCG  
CAAGAAGGGCGTCACGCCGGAAAGATCCGGCACGCCCTGTGGCGTGGGCCAGCGC  
CGTCCGTGATTGCCGTGCCGGTGCACCTCGTGCAGATCGAGCCGCGCTGACGC  
AGCGCTGCGCTGGGTAAGAACGGCACGCTGGAGCAGGTGCTGGACGTCTCGC  
GGCCGCAAGCGCTGCCGGAGCTTGAGCCGATGAGCATGTTCCGCAAGGA  
CACCAACGTCGACTATCGCGCAGGCGCCGGCAATAGCGGCATCAAGATCGACGTGG  
ACGCCGACGACTTGCTAGGTGGAAGTTCAAGCAGGAGTTGGAGAAGAAGAATCTCC  
TTCGCGGTGATGCAAGCGGTCAATGCCACCGCATATGAAATCCGTGAGAGCTGGAA  
GCTGGCGCGCTCGTGTGTTGATCGGCCAACGACCACCCGTAATGCGGTGTT  
GTATGCAAAAGCGACAAAGGAGCGTCTGTACGCACAGATCTCCTGCGCAACGAAG  
CGCCGAAGGGAAATGCGCCCGACAAATATCTGGTACCGCAGGTGCTGGTGGCGTT  
CGCGGGAAAAAGGGGTTGAAATCCTGCTGCAGCAAAAGGGCTATGCCGGCTGG  
CACGTTGCCATTGCAGGACGTGGCGCCAAGCTGGACGCCATGGCAACGTGCCCG  
GGAGCACGATTACGACAATCCTCTCGCAACTGAGTGCAGCGAGCGGATGTTCATCAGT  
GGGCCACGAAAGTACGTGGCGGCTCACCCGTGAGCGTAGCCGTTCCGATTAC  
TTGGGCAAGACCCGCTGGCACCACAGCAGTCATGCAGCGACCGCACGGCGCGG  
TGGCGCTACTCGAGATCAAGAGTCAGCGCGCAAGTTGGCGCCGGGATCTACG  
AGCGCATCGGCACCGGTTTGGCAGCGCCGTGCGCAGCGTGTGTTCTCACCACGC  
GTGCTACGTACCGGCCGCTACGACATCTCGCACTGGCGCAACGGCAGTGGAC  
AAGCTCATGCCGTTCTACTCAATCGGAGCTGGAAAAGGCCTGCAATCGAGCAT  
GTATGGGTGCGCGCATGACCCAGCGCCAGTTCTGCAAGCGTCTGATGCGGATGCC  
TTGCCGCATTGCCGATGTCGGCATGGCGATGCCGCTACCAAGCACCAGG  
GCTGATGTCGGTGCCTGACCGTGCAGATCGACCGCAACGTGCGCAGTCCAGCGTGCAGA  
GGCGACGTGATGCCAGTCAGCACCGCTACACGCTGGTACGTTCCAGCGTGCAGA

AGTCGAGCCGGCCAAGCGTGGCCGCTTGGTGCTGCCAGGCAGAACGCTGGTGCTGG  
CCGAGCGAGTGCAGGCCAGGACGAGTCATCAGCCAGTGGGTGGCCGACCATGGCTAG  
CCCACCGCGAGACATTGCGCGCCCGGTGGGTGCCTGCAGCGCATCAGCAGTG  
CCGATGGCTATCAGACCGAAGCCGGTGCACGTTCACTCTGGAGGCCGGCAGGTC  
GACGAAGACGCCACTGCCGTGCTCACGGTGCTGGCAAGCAGGAGCGCGCCAG  
TGATGTCGCGCTGATCCGCACCCATGCCTCACACACCTGGTATCGTCATCAAGGT  
GCCTGCGCCGCTGGATAACAGCGCAGGCAGCGTTGGACGCCGGTGGCGATGTCG  
AGCGCGCATGGCGACCAGCAATTCCGCTACCCGCCGGCATGCAGTTCCGCAG  
TACGTCTCCATGGAGCCGGTCAAGCCGAAGCCGGCATGAGCTGGTGCGCGCAG  
GCTCACCTACCAATCCCCATCCCCATTACCTGACGCCGGCAGCCGGACTTACGAG  
GACACCATGCCCATCAATTCCCCTGACTACAGCTATCTGGCAGCGCGAGATCCAC  
CTGCGCAAGCGTGGTGCAGGCCAAACCGTTCCGCGGCATCGCAACTGCTCGGCCTTC  
AGCTTGCAGGCCAGACCAACCGAATCAACCTGCTGGACAACACACAGCCGGCG  
CGGTAATCGCAACTCGGTGGATCGCGTACCGAGGTGCAGGTGAGCTTCACCATGC  
ACGACTTCAGCGCGACAACCTCGCCGACGTGCTGCCGGTACCGCCACCAACATC  
GTTGCCGGTGCAGGCCGGTGGATGATTGGTGGCTACAAGGATGGCGTACGCC  
GCTGCCCAACTGGCGACCGACATCACCGCGGTGAAGCCGGTACCGGATGGCGG  
CGTCGAGAAGGGCAAGGACTGGGACATCAAGAACGGGCCCTGTACCTGCCGGC  
GATTGCCCATCGTGGAGGCCGGTGAGCGGTGCAGCGAACATCAAGGTGCGTACGC  
GTTCGCGCTGCCGAGGCCCTGCAGGCCCTGGTCAACCGAACGAAGAACGAGT  
TGCTGTTCTCGCTTAATGAAGCGCGCAGCGTAAGAAAGTCCGCGCGCAGGCC  
TACCGTGTGTCGGTGGCGTACCGTGAAATGGCGCTGATCGGTGAGCAATATGGC  
GCCGGCACCGTCACCGCACCATCAACAAAGACACCAGCAAGCCGGCGGTGTC  
GCAGTACTTCACCTGGGATGCCGAGAAGTGAACGACGACACCGATATCCTGATGCC  
ACCCACCCCGCGCATCACTTCCGTGGCGAGCAGGTGGAAGTGAACGCCGCTGACAC  
TTGCCAGATGCCCTTCATCAAAGCAACCCGGCGATCATCGGCCGGTGATCG  
TGGCCCGAGCCTGGTCAGTGCAGGCCGGCACCGTCGAGGTGGCTGCGCTGATGATG  
GATGTGCTCGAGCAGGACGCCGATGCCCTCGCAAAGGGCGCGCTATCGTGACCTG  
CAAGCCGAAGCATGGTGGCGGTGCCTCATTGGCAGATGCCGCTGCCGGTGGCG  
AGGCGGTGGTGGAGCTCAATGAAGATTTTCCGCCAGCGCCTGCCAGCCTGATGC  
GGGCCGCCGGCAAGGCATGCCGTTAGGAATGACGCCAGGCCAGCCGGCTGG  
GCCGACCTCATCCACTCCTCGCCGCCAGGCCACCAACGCCAGACGTCTGACC  
TACACCTGGCACAAGCCAAGCGTTGCCGCCGCTGCTGCGTGTGATGACAACGAC  
CAGCTGCCAGCGGGAAAGCATCCACCGCCAGGCCGTGCGCATGGCAATGGGTC  
GGAATCTGCCCTTGCAGAACATCTCAGTGAATTGATCAGGTAAATGCCGACCA  
ATCAGCAAATCTGCCGTCCGCATCAGTGCAGGCCCTCAACGACATCAAGCAGGGCT  
TGGCCGTGTTGCGTGGTCAGCTGCGACGTGCGAAAGCAGGCCGGCAGTCGCTG  
CCATCGAACATGTGATCAGCCAGTTGGCAAGACGTCTGCCAGACAAGCCAGGC  
GCTGCCGAGCTGCCGATGCAAGTCACTTACCGACATCTTACGATCCAGGGCGGGAT  
GCCGTGGTTACGATCCTGGTGCAGCAGGGTGGCAGATCAAGGACAGCTTGGCG

GCATTGGCCCTGCGCTTCGGCGTCTCCACCGCAGTGATGGCGATGGTGAATCCAT  
TGACGGTAAGTGCCGCAGTCATCGCGCACTTGCCTGGCTGGAAAGCAGGGTGAG  
GACAGGTCGTTGAGTTAGTAAAGCACTGATCGCTACCGTAATTATGCTGCCGCT  
TCTACCGGGCAGCTGAAAGCCTGGTATCGAAGCTTGACCAATTGAATGGCGTCTCG  
CTGGCGACGCTCGAGAAGCGGTACTCAAGGTTGCCAGTGCCTGATGAAGGCGAACGGGC  
ACAGCAGTTGAGCAGGTTGCCAGTGCCTGATGAAGGCGAACGGGC  
AGGCGATCGATGAAACGATTGCGAAGTTGAGATCCGCAAGGACCCGGTCAAG  
GCGCTCCTCGAGCTAACGAGAAAGAGCACTTCTGACCCAGACGCAGCTGGAACG  
GATCAACACGCTGGTCGAGGAAGGCAACAAGCAACAAGCTGTCGCCAGGCGGTCA  
AGCTCTATGACGAGCAAGTGGAGAGCGTAGCGCGCGCGCTACCGATATGCCT  
GCAATGTCCAAGGCGTGGACAAGTGTCAAAGACGAGGCGTCTGGCGCCTGGCGA  
GGTCGAAAAGTATGCCGATCTGCTCGAACGCGTCATCTGAAGCAGGATGCACTTG  
GAAATAGTGTGCTCTGGAAGAGGTTGAGCGCTGCATTGTCCAACCTGGGTGGGTC  
ATTGGTGGCCTTGCTCGTTACTCGGGCCTGTTGGACGAGGTTGCTGCGAAACAAAGAG  
AAGGCTGAGAAGGGCGGGCTGGCAAGACCATTGGCGCAGGCGTGTGAATTCAAT  
GGGGCCGTTGAGCAGCCTCATCAAACATCCAGGGCGCGTGGAAAGCGCGGG  
GTCCAGACTCTCCAACGTGATCGCAACTGTCGATCGTGGCCGGTGGTCACTCGG  
AGCAAGCAAGCGCCAGTCTGAAATTCCAGGACGACACCAACAGCCGCTTGAGTAAG  
ACGCTTGACCTCGAGGGTCAGATCAAGCAAATGAAGGAGGATGCGCGAAAGCGG  
GAGTTACTGACGCAAAGCTGCTCGCGAGCGTAAAAAGTAATGCGCGCCGAAGCG  
GGGCCAAAGGCGGAAGGGTGAACAACAAGCCTCGCAACCGCTGCCGCTGGCG  
GCTGCAAAGCATCAAGGATGCGTTGACCACCGAGCGAGGCGCAGATCACCACAGCA  
CCAAGGTGCTGCAGGCGCAATACCAGGCGCGAGGTCTGGCTGAGACCTACTAC  
CAGCGCATGCGCGAGCTGGCCAGCGCGACCACCGCAGAGGCGCAATCGCTGCA  
GAAGCAGATCGATTACCTAACAGCCGAAACGTCAGCGGCAAGCAGTCGATCGACG  
TCAACAAGCAGGTTGGCGAACTGGAGGGGAAGGCTGGCCAAGGTGCGCACGGAGGGT  
GCCGCGGCCCTGCAGGTGTTCCACCGAAGAGGGCAAGTTGAGGAAGCAGCGGGA  
AGACGCACTCGCGTCCTACCAGGCGGACTCAATGCCAGCACCGATGCGTTGAGG  
AGGACATGGATGCCATGATCGCCCCGCGTGGCGCAGGTGATCGCGAGTCGAGATC  
CAGCAGCGGCTCAATGGCGTCTACAAGGAACAGGCGCAGCGCCTCAATGAGCTGG  
TCTGCAGAAAATGCAGGCCGATTGAGGGCGACGGCAGCGAGGCGAAGAAGCC  
GCAGTGCAGCTGCAACCGAACGGCGCGTGCAGGTGATCCGCGATGGCTACGAGCG  
CATGGCGAGGCGCAGGCCGATTGGGGCAGGGCGCGTGGCGCGTGGACCAACT  
ACATGGATGAAGCGCGCAATGCTGCAGGCCAGGTTGAGTCTGCCGTTGGGTCTGCC  
TGGCGGTCTGGAAGATGTCTCGTCAAGTTCGCTACCACCGCAAAATGAGCTTC  
GCGATTGGCAGACTCGATATTGCCACCTCGCACGTATCGCGCAAGACAAGCG  
ATTTCGGTCTGATGGCGCGTTGTTGGTGGCGCTCGGCAGGCAGGCGTGTCTCG  
GGGACGATGGAACGTTGGTAACAACATCAACGAGTTATTGCGTGGCAAGGCCGA  
TGGCGGATACACAGGGCGGGCGCAAATTGAGGCCGGCGTGTGCACAAAGG  
GCGAGGGCGTCTGAGCCAGCGCAGTCGATCGATCGATCGCGCTGGCGTTC

CTTCCCTGCTCAGCACGATCCGCAGCGGACGTGGTTATGCAGCCGGCGGGTTGTC  
GGCGCGGCCGCGCTGCCTGTAGCTGGCGCGCAACAACGTGAGCATCGAGATCCA  
GAACTACAGCGGGCAGCCCACACAGGAGCGGCGGACCCAGCGAATGCCGGAC  
GGTCAGGAGCTGGAGAAGTGGTTCATCCGCATCGGTGCGGCCAACATCGCGCAAGG  
TGGGAAATGGCGGGCGCCATCGAGAGCCGTTGAAACCAGGAGACGCCGTTGAT  
GGCTGCCTTCCAGCCTATGCGGCATTGTACGACACCGTGCGCGCTCCTCGA  
TCCGGCTGTCTGCGCACCGAGATGGAGCGCGCGTGCCTAACGAGCAGCGCGTGGTCA  
ATGATGGTGTGTTGGTAAAGCTGGCGATGACGCTGGACTTCGCCACACCGGCCAG  
GCGATGGCCTTCGAGGATTGGTACTTCGACGAGATA CGCGCATCGGCTGGTTCGAC  
TTTGTGCATCCACTGAGCGGTGCCGCGCTGTCGGTGCCTCGAGAATGGCGGCATC  
GGAGAGCTGCCGGTCGAGGGCGCAGATGCCATGGCAGTGCACGTACCGT  
GGAGTACTTGCATGAGCACGTTCAGGAACGACGCCAGCGTGTACCGACGACGA  
CACGACCGCGCCGCTGGAGCTGCTGAAATGACAGGCCATTCGGCGCGTGC  
TGCATCTCCAACGACACGCGCATTGGTGAGCAACGGCAACACGTTATCGGG  
GTGCCGTTCGCTTCACGCCTCAAAGGATTGGCAGGCCAGACGCCCGCGCAG  
TTGGAGGTGGATAACGTGGGCCGTGGCATCACCAGACGACCTGGAGCGCGTGCAGCC  
GAACGAGATGGTATGTGCCGCTATCTGATCACTGATGCATGCAGCCCAGCGT  
TGCAGCAGGTTCTACCTGCCGCTGACGCAAGTGCCTGCCGGCGCTTAATCAC  
GGCGCAGATCGCGTGGACTTCTCATGGACAACAAGCGGTGAAGCTGCC  
ACCCGCACACGCTACCGGGATTCACTGATGCGCACCTGCAGGGTAGAGCGCT  
AAACATCCCGTATGACGCAGACACCTACGACTGTGCGGATCTGGTGGTCAGGTGCA  
GCGCAGCTATTGGCCGCGCTGTGCAGATGCCGCACGCCAGGCCGAGGTGCTG  
CGGGCAGGTGGCGCTGGCGAGCTGCGCTGCCTATGCGGTGCTGACCAACAC  
CCGGTCGACGGCGATCTGGTGTGATGTTGACGACAAGGGCCAGACGCCGGCG  
TGTCGGCTGTTCTCACCTGCCACGAGGGCTGGTGCTCCATACAACACACGC  
GCTCGGCAGCAGCTGGCTGCATCGCGTGCAGTTGCCGGACTACGGCGCACGGA  
TTGAGGGGTATTACACATGGGCCTGATGACCAAGCCTGCTACTGACGCCAGCTGG  
TCTGACGCCGATCCGGTCACGCTGGACGGCAGCGCCACATCGCGATGGACCTGA  
AGGTGGCGAGCGCCTGTGCAGGTTCTGCACCGGACCGTATCGATCTGGACCAA  
GGCGATTGGACAGTGTCCATCGGTGGTCGGTGGCGCCATCTATGGCTTGC  
GTCTACCCCTAAGGATGGCCAGGTATCGAAGTGCCTGGCGGGTGGTAGGAACGC  
GCTGTACATCGTGCATGATTGCGCTGACCTATTCACGTTGGCATCGCTGGCG  
AGGCGGTGCCGCCGCCGCTTGGCGGTGGCACGGCTGGCGCGATATTGCC  
TGCGTTTGTGGCAGGCTCGCTGGTATTAACAAGGTGCTCGGCCGAAGGTAGA  
GAGCCCGGCAGGACCAAGCACCGCGGGCACGGCTACAGCCTGGCGCGTC  
ATCGGATGCGGCCATGAACCCCTGGCCTATTGTTGGCCGACGCCATTGCGC  
CTGATATCGCGAGCAAGACGTACAGCTGGTACGAGGGCAACGACCA  
ATGGTGCTCACGCCGGCATCGCGTGGCGCGTGGAGGCATACAGCAACGC  
CACGCTGCTGTCCAGCTACGAAGGTGTGAGCGTTCCACTCCGGCT  
AGGCCAGGAGCAGACCATCCCGTTGTACAGCAACGTAGATA  
CGGTGATGGAGGTGAGC

TGCCCACACGGCTGACTTCGTGACGCCACCAGCAGCGCGAACCGTGCATC  
CAGATCAACCTGGAATACGTGCTGGTGGCACCTCGGGCAAGGCATATAA  
CGTCTCCGAGACGGTGCAGGTGCAATACGCACCAACGGGCACCGGCATCTGGCCA  
CGCTGGCCACGCAAACGTTACCAGCGACAAGCTGACGTAGCAAGCGGCCACG  
CTGTCGGCAGATGTGGCAAAGGGCCAGTACGACGTGCGTGCGCATCCTGGCTTG  
GGCAACTACGAAGGAGACAACAGCCAGCGAACGACTCCAGTGGTCACCAGATGGG  
CAGCGTGCAGGCCACACGGCAGCTACGCCGGTCTCGCGTACCGGCATCATCA  
TGAAGGCCACCGGCCAGCTAACGCCAGCCGGATGAGCTGCGTGCAGCACATT  
GCTGCACCGATCCCCGTGTGGCGAACGGTACCTGGGTGAGCGAGGAACAGCAA  
CCCCGGCGCGCACATCCTCAAATACGTCCGCCGTATTACGACCAGAGCGGCAGGC  
TCATGCCGGTATGGCAAGAGCGACGAGGAGATCGACCTCGAGTCGTTGCAGGGC  
TTCATGGGGCACTGCGAGGCGAATAACTACGCGTACGACTACTGGCTTCAAGA  
ACGCAACCACGACGAGGTGCTGCAGGCATTGCCCTGGCCGGCATGGGCCAGACCA  
CCTGGGCCGGGGGGCGGTTGTCGGTTGTGGCCCGACAGAACAGCCGTTTCG  
GGCGTGGTCAACATGGCGAGATGAAAAAAAGGCAGCTCAGCGTGGACTACACGCT  
GGCCAGCGCTGCCGACGGCATTGAGTACAGCTATTGACAGCGCAGCAGAACGG  
TTGAGATGGTGCCTGTCCCAGCGCTGGCGAGCAGCATGCGCGGAGATGGCGCG  
CGCGCTTGACCGGGAGGGCGTCAGCCGGAGCAGCATGCGCGGAGATGGCGCG  
CTACCACCTCGGCCAGAGCATCTATCAATACAAGGACATCGGTTTGCAGGATCT  
GCAGTATCTGACGTACGCCGCATGTCATGCTCGACGACCTCACGCA  
GTGGGGTTTGCAGCGGCGCATCGCGCGAGAGCGGAGCGCGCTGCTGGCACGG  
TCACGCTGACGCTGGACGAGCCGGTGCAGCGCCGGATGACGCGAGTCCTTCATC  
GGCCTGCGCATCCCCGGCGAGGCGGTCTATGACGTTCCCGTGCAGCTTCACA  
GAGGCAGACAGACACCATCCAGCTTGTGGAGGAATGGCCGGATGACGCGCCGCTGCC  
AGGCGAGGGCTACGCCGATGCCATGGTAGACGGTGGCTGGCAGAACAAACCCGGCGC  
ACGACACGGTGTGGATTACGACTTCAAGGCCACACCAGGCTTGCAGTGCAGCGT  
GTGGCGATCGAGCCAGAGAGTGTACTGAAAGGCAGCATCAGCGTGTGCCGG  
ATCGCGGGAGTTCTGGACCTACGTCAAGACGGCGTGTACGTGCCAGAGAGTG  
GCTCGTGCCTGCCACCGCGCCGATCGTCAGTAACCTGACCATCAGCGAGGAC  
TCACCACCGCGATGTCAGTGCACCGATCTGGTGCACGTTCGACATCAGCGGCC  
CGTCGATCACGCCGGTGGCTACGCCCTCGCGTGGACGGCAATGGCGAGCTGG  
GAAGTGGCGAGACGCCACCCGCACGGCGCGGTGGCGCATCCCGAGGCCGG  
CTACACCACATCAACGTGCAGCGCCGATCGTCAGTAACCTGACCATCAGCGGCC  
CGCTGATCTTACGACCATCGCGCCACGCCACCGGTGAATTACGACCTGTC  
ACGTGGAAGAGATCTCCGGCGGATCCGGCGCTACACCTGGGGTTCTGGACCGAC  
ACCATCCAGTCGCCAACCTGGCGCGGAGATCCGCTCGCCAGGGCGATAGCGG  
GCAGGGCGCGCCGATGCCGGCGTGGACGCCATGACGCCGGTGGCGATAGCGG  
ACCACACCGGTGCCTGACTCACCCATCCCGTGTGGCAAGTGGACGTTGCCA  
TTCGTGCGCGAACACAAACGGCACGCTGTCGGTGGCGGCCAAGTACATCACCAAG  
ACGCTGGCAAGAACCTGGCGAGCTGCAGGAAGAGATGCAGCAGGCCGATCGATC

AGACCACCGAGGAGATCCGGCAGGGCTTCCTGAAGCGGCCGCGCGACAGGCAG  
ATCGCTGAGGAAGCGTTGGCCGCAGCAAACAAGGCCCGAGGACGCGATCGCACA  
CGCTGACCGCCTCAACCGCGCTAGGGATCTGGTCAACGCCGACGAATGGACCT  
CGACTGCTCGTATCCAAGGGCGACTCGTGCCTACGACGGACGTCTGTACCGGG  
CAGAGCTTGCAGACTCGGCGTAGTGCCTGGGAAATCCCTGACCTGGCAAAC  
GTCGGCAACTATTCAAGCGCAGGCAGGGTACTCGCTCTGGACGTGCGCAA  
CCAGACTGCGAACGAACTCGCAGCCGAGGTTACTCGCTCTGGGTCATTGCGCG  
GTTGCCTCCGGCACGGACAGCTGCCACCTCTGCCGTTGGCGATGAAGCGA  
CCGCACGTGCCAACCGGGACAGCGCCTGGACGGCGCTCGGTACCGTGGAGGCC  
CGCATGCCCTCCGGGACCGCGGTCTGGAGACTGCCGAAGGGTCACTGCCGTGGA  
TGAGGCAGCGGTCTGGCG

>CONTIG\_3\_length\_37379\_cov\_25.158059

CGCCAGACCGCCGCCTCATCCACCGCAGTGACCCCTGCCAGTCTCCAGACGCCG  
GTCCCGGAGGGCATGCCGCTCCACGGTACCGACGCCGCTCCAAGGGCGCTGTC  
CGCGTTGGCACGTGAGGTGCCTCATGCCAACGGCCAGAGGTGGCCAGCTGTC  
CGTCGCCGGAAAGGTAGCCCGCAATGACCCCAGAGAGCCGAGTAACCTGGCTGCG  
AGTCGTCGCAGTCTGGTGGCGACGCCAGAGCAGCGCGATTGCCCTGCCCTGCG  
CTTGAGTAGTTGCCACGTTCTGCCAGGTCGAGGGATTGCCGCCGACGACGCCG  
GAGTCGCAAGCTCTGCCCGGTACAGCCGCCGTCGTAGCGCACGAAGTCACCCTG  
GGATAACGAAGCAGTCGAGGTCCATTGTCGGCGTTGACCAGGTGCGCTAGCGCG  
GTTGAGCGCGTCAGCGTGTGCGATCGCGCCTCACGGGCCCTGTCGCTGCCAA  
TGCTTCCTCAGCGATCTGCCGTGCGTGTGCCCTCCAGGAAGCCCTGCCGGAT  
CTCCTCGGTGGCTGGTCGATGCCCTGCCGATCTCTTCCTGCAAGCTGCCAGGTT  
TTGCCAGCGTCTGGTATGTACTTCGCCGCGACGACAACGTCCTGGTGTTC  
GAGCGCGGATAGCGAACGTCACCTGCCCGAGGCCGGATGGCGAGTCGAATGCA  
CCGGTGTGGTAGCCGCTGCGCCGACCGCGTCATGGCATCCCACGCCGATCGC  
GCGCCTGCTCCGGTGCCTGGGTAGCGGATCTCGCCGCCGCCAGGTTGCCGAC  
TGGATGGTGTCCGTCCAGAAACCCCAGGTGAGCGACGGATGCCGCCGGGATTT  
CTCCACGTCGAACAGGTTGATTCACCGCCGCGTCGGCGCCGATGGTCGAGA  
AGATCAGGGAGGCACCGATGCCCATCTGCCCTCCGGGCCAACGGCGCACGTT  
ATCGTGTAGGTGCCGGCGCGGGATGCGCCACCGCGCCGTGCGGGTGCCTGCG  
CGCCACTCTACAGCTGCCATTGCCGTCCGACGCCGAGGCGTACACCACCGCG  
ATCGAACGGCCGCTGATGTCGAAGGTGCCACAGATCGGTGGCAGTGACGTCG  
CGGTGGTGATCTGATCCTCGTTGATTGCCAGGTTGCTGAGGATGCCGTGCG  
GCGACGAGCCGTTTCCGGCCGGATGTAAGGCCGGTCTGACGTAATCCAAA  
CCGGCCCTCCGGCACACGTTGATGTCGCGCCCTGAGGATCGCTCTCCGGATCG  
TCACCACTACGCCGCGCGTAGGCCGGCGTGGCCTGAAGTCGTAGATCCAGATC  
GTGCGTGGGCCGGTTGCTGCCAGCCGCCGTCACCATCGAATCCTCATAGCTC  
TCGCCTGGCAGCGCGCATCGTCCGCCATTGCCGACAGCTGGATGGTGCCTG  
GCCTCCGTGAAGTTGCGCACACGGAACGTGCGATAGACCGCCTGCCGGATGCG

CAAGCCAATGAAGGCCTCGTCATCGGGCGCGGTACAGGCTCGTCCAGCGTCA  
ACGTGACCGTGCCCAGCAGCGGGCTCGCTCGGCCAGACGATGCGCCCGCGAAA  
CCCCACTGCGTAGGTCGTGCGAGATCGACAGCATGACATGCGGCCGGTAGGACAG  
GTACTGAAGATCCTGGCGAAGCCATGTCCTTGTACTGGAACAAGCTCTGCGCGA  
GGTGGTAGCGCGCCATCTCGCGGCATGCACCTCGCGGCCATGCCCTACCGGTG  
AGCCGTGCAGGGCTGAGCATATCCTGACCTGACGCCAGGTGCGGGCACACGCAG  
CGTTCGACCTTCTGGTCGTGCTGCGAAGTAGCTGTACTCAATGCCGTGGCAGC  
GCTGGCCAGCGTGTAGTCCACGCTGAAGCTGCCCTTTCATCTCGGCCATGTTGAC  
CACGCCGAAAGCGGCTGCTCGTCGGCGCCACACCACCGACAGGCCAACCGG  
CCCAAGTGGTCTGCCCATGCCGGCCAGGGCGATGCCCTGCAGCACCTCGTGTGAT  
TGCCTCTCGGTCAAGCCAGTAGTCGTAGGTGTAGCCGTTGCCCTCGCAGTGGCCA  
TGAAGGCCCTGCAGCGACTCGATGTCGATCTCCTCGTCGCTCTGCCCATGCCGGCGA  
TGAGCTGCCGTTCTGGTCGTAATAGCCGGACGTACTTGAGGATGTGCCGGCGCC  
GGTTGCTCGATTCCGCCACCCAACTGCCATTACGCCACACCGGATCGGCACGG  
CGATGTGTTCGCGCGCAGTTCATCGGGTTGACCGTTGATCTGCCCTGTGCCCTCA  
GCAGGATGCCGGTGCGCCAGGCCCGTAGGTCGCGCTGAGTGTGTTGCCCTCGCACGCTG  
CCCATCGTCGACCATTGGAAGTCGTTGCCCTGAGTGTGTTGCCCTCGTAGTGCCT  
GCCCGAGGATGCCGACGCCACGCTGACTGCCCTGCCACATGCCGACACC  
GTGGCGCGCTTGCTGACGCCAGCTGCTGAGTGTGCTGCCGTGAACATCTGCGTGGCAGCGTG  
GTCCAGATGCCGGTGCCGCCGGCGCTGACTGCACCTGCACGGTCTCCGACACGTTG  
TATTCTGCCGGACGTGCCACGCCGCCAGCACGTATTCCAGGTTGATCTGGATG  
CGCACGGTGTGCCGCTGGTGGTGCCTGCGTAACGAAGTCTGCAGTGTCCGGCAGTTCA  
CCACCGTCGGTGGTGTCCACGTTGCTGTATAACGGAATGGTCTCATCCGGCATCTGG  
CTGTAGCCGGAGTGGTAGACGCTCACGCCCTCGTAGTTGGACAGCGCGTGCCTGCC  
ATTGGTGAACACGCCAACGCCACGCCGACGCCATGCCGGCGTAGCAGGACCATGCCGA  
CGTACTGGTTGTCGCCCTCGTAGAAGGTGTAGGGCTGCTGGCGAAGTCGGCGCAA  
TCAGCATGCCGCCAACAACAGGCCACCGGCTCATAGGGCGCATGCCGGTGC  
GGCGCCCCCAAGCTGTAGACGGTGCCCGCTGCTGCCCTGCAGGACTCTTAC  
TTCGGCCCGAGCGCTTATTGATCAGGACCGAACCGGAAACAAAGGCTGCCGTG  
GCAACCGCCGACCGGTGGTGCCAGGCCCTGCCACGTCGCCAGCGCCGCC  
AGTGAAGTAGATCAGCGGCCATGCCACGATGTACAGCGCTGCCCTGCCGACCG  
CTCCGCGCACCTCGATGACCTGCCATCTCGGATAGACATAGGCCACAGGTGGC  
GCCGCACGCGACCAATGTGTACGGTCCAGTGCCTGATCCAGGTGATC  
ACATGCCGTTCCAGGAACCTCGCAGAGGCCCTCCGCCCTCAGGTCCATCGCAATG  
TGTCGCTGCCCTCCAGCGTCACTGGTGCCTCGTAGCAGCAGCTGCCCGTGC  
GCAGGCGTAGTCATCAGACCCATGTGTAATACCCCTCGATCCGTGCCCGTAGTCCG  
GCAGCTCGCGACCCGGTGCAGCCAGCTGCTACCGAGCGCGCTGGTTGTGAAGC  
ACCCAACACTCGTGGCCAAGTAGAAAAAGACGCCGACGTGCCGGCGCTTTG  
GCCCTGTCGAACATAAAACCAGGTGCCGTCACCGCGTGTAGTTGGTGC  
ATACGCGCGGGACAACCTCGCCAGCGCCCTGACCTGCAGCACCGCCGTC

GCGCAGGCACATGCACCTCGCGGCCAACAGCTCGCCTGCACCTGCATCACCAAGG  
TCGGCGCAGTCGTAGCTCGCGCGTACGGATGTTGAGGAACCGCTCTACCTCG  
CTGGCCCGCATCAGAAGATCCCCGGCAGCGTAAAGGGTAGCGCGCAGCTTACG  
GCCTGCTGCCGCATGAAGAAGTCCACGCCGATCTCGCGGTGATCAGCGGGCCAGC  
GGCGCGCACTTGCCTCAGCGGGAGGTAAAACGCCGCATGCCGCAATGACGTGGGCTGCG  
CACGGTCCGTGATCAGGACACGGCACATCACCATTCTAGCTAGCTGCCGCACCGCGT  
GGTCATCGGTAATACCGCGGCCACGTTGTCTACCTCTAGCTGCCGCACCGCGT  
GCCCGGCCGCGTCCGTGGCGCGTGAAGCGGAACGAATACCCGGTAGGTGTTG  
CCGTTGCTCACCCAATCCTCGTGTGTTGGCAATGCGCAGCACCGCGCCGAATGAG  
GGAGCGGTGATCTCCAGTAGCTCCAGCGGCCATCCGGATCCGTACGCCGCTGCCGG  
CGTTCAAGGAAATTGCTCATCGCGGTACTCCAGAACAGCCTGACCGTGCCTGG  
GTGAACCGCGCTTGGCGGCCGTCAGCGGCCAACGGCACCACCCCTGAAGCGAGC  
GGAGATCTGCTGCCGCGTGGTGCACCATGTCGAAGTAGCCCACGCGACCGA  
TTTCATCGAAGTAGAAGTCGTCGAAACGCCATCGATTGCCGTCAGGAACACC  
ATGGTGACCGGCACTCCACCATGACGCCGTGTTAATGATTGCCGCTGGCTGGT  
CCGCGCTCCATCTCGTGCCTGCACAGAACGGGCCGTTCTCGCCCAAGGTCACTG  
GCAAGCAGACGGATTGGAAAGTTAGCCACTAGGCCTCTCCAGGGAGAA  
CCATTGACGGTCAACTCCGTCCTCCGGCAATGAAGATTGAACAATGGAAAATCA  
AGATGTGGACCTCGACGTTATGGGTCGCGCTGGCGTCGCTCAATGTTAGTGGCGTT  
CGCAATGCCACGGGACACGCGAGCACGACGATCCGCCGGAGCTGCTTCGACG  
TGATTTCAGCGGAGAACAGAGGAGTTGGCGGAGACAATGCCAACGTCGACAAGTCG  
GCGCCGGCTCATGTCATGCCAACGCTGGTGTGCGCCAGACGCAATACGATGTCG  
GTTGGCGTACTGGTGGATGCCCTCTGAAATCTATGGGCGCTGCCGCGAAAGC  
GAATAGGCACCTAGCGCCGCTCTGATGTCGAAATCGGCTTTTGAGCGGCCGCTG  
TCTTCCGCCGTTGCTGTCATTGGCAGCGATGTTGATGACGAACGTCTCCAGCTG  
CTTCCGTCGGCATCGTGTGACCGCTGCTCGCGCGCTTGACCTGAGCACCTCCGTA  
GTTATTGATTCGATCTGGTTTCAGCGGTGCTCGCTGTGCGCTGCGCCAGCGCCATA  
GCAGCGGCAGGAATGACCTGCCACGATTGCCGGAATCAGGTAGCTGCGACCACC  
CTGCTGAAACAGCTCCGGATGCCGCCCTCGCCACTTCGTAAGCGAGGCCGGTGC  
GAATGGGCCATTGCGCGACTGCCATAGCTGAAGCCACTGACTAGTGAATC  
ACCCAGCTCGTGTGATCGACTGCGTGCCTGCCAGTAAGCTGAGCAGATCCGGCTGC  
CCCAACTCCACCACCCATAAACGACCGATCAGACCAACCGCCTGCTGCTGAACGC  
ATAGCGGCCAACGTCGGGATCATGAAATCGATCAAGCTGCTGAAGGACAGCTCC  
CGGTTGCGCAACCTCACGAACCGTCTCGCCGGCTAAGGCCATTACAAGAA  
GCGAGGCCAGCTGCTCAGATGCATTGCTCGGCCAACAGCTAGTCGCTCCACACGC  
GCGTGAAGCCTGCTGCCAACGCCAGCAAGTCCATCCGCTGCTGCTGGTAGCCCC  
GCTCGATGTCTAGCGAACGCGAGAGACTCCCCTCCAGCTCCGCACTTGTGCGTTGT  
ACGCGCCGGCTTAGTGCCTGTTCTGTCAGCTGTGCTGGTAGCTTCTCCG  
CTCGCGCAAGTACTCTCGCTGAATCTCAATTGACGCTGCAGCATTGCGTGGCGTC  
GGCGCCGCGACCGATGCCATTGAGATCGACATTGGATTGCTCTGCGCTGCTCTC

AAGCTTTCAGCCGCTCGGTGAGAGCTGCCTGCGCTGCCAGCTCGCGCTGAGTGCG  
GAGCGATTCGTCGGTGTGATCTTCTCGCTCACCAAGTGGCAAGCTCGCGTCGAC  
CAGATCCTTCGGCCCTGTGGCCTCTGATACGTATCCCCGGCCGTGTCCTTCG  
GCAAACCTCTCTGCTGCAGTCAGCTGTCCGTCACAACGCCGAGCATCTATGCC  
GCCGCTGCTGGTGTGATCTGATTGATCAGCGTCGAAACGACGTGTCCTTCTCCA  
ATACCTCCCGCTGGTGAACGTGTTGTCATCTGCGCGTGGACTGCGCGATGAGC  
CTTGCAATTGAGCCATCGGATAGACGCGAATCGGGGTTCCCGTCCGCGCAGCG  
CCCTCCAGCTTGTGAAAGCTCGATGATCTTGTACGCCAGCCAGCTTGCCGACT  
CACGGTCAAGCCGGCAAGCCGCGTGGTAAGTGCCTCCGATGCTGCCTAGCCGTA  
CATCCTGCTCCTGGTAGACCTCGCCAGATCTCAATCGCTTGCCACCATTACCTC  
CACCTCGAAAACCGCGTGGCATCGGCCGCCGATCAGAGAGTTCAAACGCT  
GCATCTGAGCCTTGGCGACGCGAGCGTAGCGATCATGTCGAACGTCAGGCCGGAT  
GCAGGGAGGAGGTTCTCAGTTGCCGCCAGCTCTCCAGCTCAGTGCTGAAGGTC  
ATTACCTCGCCCCAGGCACCACCGACCTCGTCCTCACATCTGCCACCACCTCACC  
AAGCTAGGCATTGCTGCCTCGGCTTGATTGCCACGTTGATCGAGCGCTCGTAGTAG  
ATCTGCAGCGCTTCAGCAACAGCCTGCTGCTGCTGCTGCCCTCCTGCAGCGTGC  
ATGCGCTCCAGCTGCGCGCGTGTGAGGAAGCCCTCTGATTGTTGAGTGCCACCA  
GCATTCACAGGATCACGCGCGATGCGCTGGAACGCCCTCACGGCTTGCTGCTGCC  
TGACCGGTGGATGCCTCCATGCGCGGCCGCTCGCGACCATCAGGAAC TGCTTG  
CCGGCGAACACTGGCCGGAAGCTGCCACCGAATTGAGCGCATCGACGGCGCCCTCG  
TGACACCCCCCGAGCTGCGATCTGCCAACCAAACCCGGAAC TGCGCGCCACT  
GATGTCGGCATTGCGGCCGGTGTGAGGATTAGGTTCTCTGGAAGTCGAACAGCTCG  
CTGGCTCTGTTCAAGGCCACCGCCAACCGAGCTGACCCCTGCTGGATGCCACCAT  
ACGGGTTGACCATGCCACGACGTAGGACGACACGGCCTTGCTGCAGGGCCGATG  
CCGCGAGCTGGCCTTCAGCTGACCAACCGTGTGGATGCCACCATCCATATCG  
TGGCCGGCGACCAACGCTGGTGACGATGTCGTACATCTGGCTGGAATCATGCG  
GCCGCGGCCGTGGCGCGGTATGCCGTATTGCTCGGTGGTCTTGGACTTC  
AGCAGCGCCTGCCGGCTGCCTCGATCTGCGCCTGGTATTGCTGCATCACCTGCG  
TTGATCAGCCCCAGATGCCGGCACGCTCCAGCCGCTCCATCTGGCCAGCCGG  
TTCAAGCCGGCAACGGTGGATCGATCTGCGCGAGCAGCGCTTCAGGTTGATCTCC  
TGCCTGCGCCGCTGCCGCTGCCCTCGCGCCTGATTGGCGGTGCGTGCCTGG  
TCCTGCAATGCACTGCAACGCCAACATGCCGTCCATGCCGCTCCGAC  
ATGGCTGCGGCCCTGCACGTCGATCCCCGCCGCCGTCGCGCAGCTCCGCCAGT  
GCACGATCCGACAGGTTGACGTGCGGCCGCTCGCGTAGGTCATGCCCTGCTGC  
GCGACGCTGCGGTAGCGAGCCTCTGCTGCGCCAGCTGCTGCTCCAGCTCTCC  
GCCGAGCAGACGCGCTTGCATGCCAGCAGCAGCACTCTGCCGCCGCGCTG  
CTTCAATCCGGATGTTGCCGGAGAGCCGGCTCCATGCCGCCAGCGCCGAGA  
CGATTCCGCTGCCGCGGTTCATGCCCTGCACTCGGTGATGACCGTGCGGTAC  
CGACACCGATGCGTTCAAGCGCGCCGCCAGGCCAGCGCAACGGCTGAG  
CGGTCGATCGAGCGGGACATCGACTGGAAGTAACGCTCCAGCCGATGGCAGAGCC

ACTGGCCTTGTGGCAGCGGCGGCGTTGGTCAGCGCATTGGTGCCTGCCACCAG  
CCCGGTGAATGACCTTAGCCAAGCTCGGCGATATCCATCAATCAGCTCCAGGT  
ATTGCCAGGTTGGCGGCGCTCGCGCGCTGCTTGTCTCGCGCACGGCACG  
CAGATAGGCGTCGTCCATCGCGATGAGCATCTCCATCTCTCGGGAGCACATCGCG  
CCGCAGCAGGCCTGCCATGCATCCAGTCGGTGAAGACAGCGCCTCAGGGCCGG  
ATCTACGCCGCCAGAGATCAACCAGAACCAGTCCCACACGTGCACCGCTTCCG  
GCAGATCGACTTCAGGCGCCGGTCTCGAAGCGGGCATTGCGCTGCCGCCGCT  
CGCCATTGGCGTCCGGCATGTCGTACCGGACGGTGAGATAGGTGGCGTCAGAGATC  
CTCGCCTTCAGCGCTCGAAAAAACTCCCGCGGTGCCAGCTCCACCTCCAGCTG  
ATCGCTGATCCATGGGAGCTCCTCAACACCTTGCAGCGATTGCGTCAGATC  
CGGCTTGCCTGCCGTGGAAGGTGAGGTCCCCCTTCCACTCCCAGCCGCCACAGAAC  
CACGAGCATGTCGGTGCAGGCCCTGCTCCATCTCGATGCGGTAGCTTACCCCTGCC  
CATCAGGCGGTATCCAGCGCTTGCAGGCCCTCGCGCACCTCGGGTGGGTATC  
GGGCAGCAGGGTGATGCGCAAGCCCACAGGAGCCTCGGTGGCGGGATGCTGATAT  
CGATGACGCGCTGGCGAACGATGGTGGTCAATTGGTCATGGGTGATCCTTGC  
GATCGATCCGGAGAGGAAGCGAGGGAAAGCCGGCTGGATCAGATCCGGCTTATCAGG  
CGGCCGCCCTATCCCCGCTGTTGGTACGGGTGACGGGTGCCGACTTCGATC  
GGCACCTGGTTCAGGGCGAGCGAACAGACGTGCAGCACGAAGTCCTCGTGC  
ACCGGGCGTGCAGGGGACCGGTGACCAGGCCGCAAGTACTCGATCTGCCGGACG  
GACGCTAACCTGAAGCGTACCGTCCAGCACCGTCCGGCTGGCCAGCAGCACGC  
ATGGCGACCTGACCCGGATCGTCCAGCACCGTGCCTCCACCTCGGGTGC  
GCATTGAGATGCCCTGCCCTCAGTGCAGGCCGGTGTCCCACGTGCTGAGGTG  
ACGATGTTGGTGGTCAGACCGCGCTGCCAGCCTTCTGACCTGGACG  
AACGTCAACGCCCGAACCTGGTCTGGTCAGATCCTCGTCTCGGTGGCGAG  
ATGAAGAGCTTGAACCGCTATTGGTTGTGCCTCAGCCATTGCTGATATCTCCTCG  
CTTGGGCATAAAAACCCGCCACGGGGCGGGTTGGGAACGAAAAGGCCCG  
CTCAATGGCGGGCCTCTCGATGAATATGGTGTGATGATGTGGATTGAAACCACC  
GCTCCCGCGACAAGAGCTGGCCAATCCATGCCCTGACCCATGGCATGCATGT  
GGCGCGTCTCCCACAACCCCCGGCTGCACCGATCCAGGCCGGACAATCCATCAG  
CAAATTAAGCGTAGCTCAGCTCGAAGCCGCCACATGATGGTACCCGGATGCA  
TGTGCCGCTCCGGTCTGAAATGATGGTTGAGGTCCAGGGCATGCGGTACACGCGCA  
TGCGCGAAGGTCGTGCCCTGCCGAATGCCCGATGATCTGGTCTGTAAGCTGCG  
TTCCGACCATGATGCCGGCCCGATAGCACGCTGACAGCTGACCGAACGCC  
TGCAGCAGCGACGGCCGTCGCTCCATGCCGTAAATTGCGTCTGGTTGGGAAC  
CACTGCAGCTCAAGCCATGAAACCGCTGGTCGGCGGGTGAAGCCGATGCCGGATA  
GGAGCACGGCAGGCCGATACTCACGGCGAAGGCCAACCAGGCCGGGAAGGCC  
TCATAGATCGCGGTATCGCTATGGAATGCGTGCCTCACCTTGCAGGTCACCGT  
GACGATGAAGTCCCAGTTCTGCCGTAGCTCGCATGAAGCCCTGCCGGCTGCTC  
GTACTGCCGGCCAGGCTGCTTGCACAAATCCATGCTCCATGCGCATCGCATA  
GGCGCGGTCCAGCCAGCCATACCGACTGCCAGCTGCAGCGCTGCGAAGACCA

GGCGGGGGTCGCCGCTTCCGAAGACGCTGGGCATCTTGGATGCCCGACGGAA  
TTGCGCAGGAACCCGGTATCAACCGCATCTCCGCCCGCCCCCTCCGGCGTGTG  
GCCTGATCCATCACCGCCTCGGCCGAATCGCGGAAGATCGCCTCCTGGCGCAGCTT  
GCCTCTCGCGAATGCCCTGACTTGATCACCGAACTTGCTGCCACGTAGCACCTC  
CGCCGTCATGTCGATCCGGTACTGCTCGTGAGCGGCAGCCACTATCTCCTCAGG  
GCCTGCCGCCAGGCTCGTGCCTGGATGGTCAGCAGCGGCCGCTGGCGACT  
GGAATGGCTACCGAATGCGCTTCTGCCGTTATGGCCTGTGTGCCCCGG  
TTCGCCTATCACCGGTCCGACCACGTGCCGGTACGTTCTCCGGGCCAGAGCTC  
CCGATGCGATCTGCTGCCGATACGCCCTCTCGCCGGCTCATGCTGGTAATCG  
ACTCGGTACGCGCATCTCTCCCCGAGCTGCAGCAGCCTGTCCGAGTAGCGGC  
CGGCATCTGTCGATGTCCGCCGATACCGCTGCCGACGGCTGCCGACGGCATTGCGCGCT  
TGACGATGCCGTCCAGCGCTTGTGCGTCGCTCCGACCGAAGTACTCGCCATT  
CCCTGGGTACCGCTGCCAGCTCGCCGCGATGCTCTGCACGAACGGCCCTGCT  
GCGCTGTCAGCCCCAGCACGCCACCGGTGCCGGCCTGTGTCACCGACCCGCCCA  
CGATGTCCAGCGCGCTGTCGTTGATTGCCGGCGACCATGCCGCTCTCCAGCA  
CGTTGCCGATCAGCGCTGGTCGTTGACGATGCCGGTATCAGGTTGCTGGATT  
TGTGCGCAGCCATGCTCGCGGTTGCGTCGCGCAGGTCGAAGGTCGGCCGAATG  
CAGCGACCGCACGTCCTGCCGTGGCTGTAGTTGCCGGTATGATCGGATCCAGGC  
TGAGCCGATCTCGGCATCTCGAGACGCCCTGCTGCCGCCCTGCCGTAGGC  
TGCAGGGCTCACCCAGATCGGCAAAGCGCGGCTCGTAGCCCCATGACGGTG  
AGCACATCGTCGATGCCGCCAGCCTGCAGCAGGCTGCGATGAGCTGACGCC  
CTGATTGTCGACCTCGGATATGCCCTGAGAAAAGCGCGCGGATGGCCGGCTCCA  
GCTCGCCGCCAGCTGTCGAGTTGGCGGGAAAGTCGTTGCCGATCAGCGTCTCGC  
ATGGAATTGTCGATGAGGACTGCCGCCGGTGACAGCGGCTGCAGGTCAATGA  
AGCGATACAGCACGCCGCTGAGCAGGATCCGGCTGTCCTCGGCTCAATGGCG  
ACATCGGTGGAGATCAGCCCCAGCTGTCGCCCCCTGCAGTACCGCGTGGCGTC  
TTGGTCAGGCTGTACTCGGTTCCACCACTGTCAGTCGTCGCCGTCGGCGGCC  
TGCTCGGGTTGCGGCCGGCCGGTGACGGCGCATCGCGCTCCAGCTGCGTGAG  
GTAGCCATAAGTGCCGATCAGCCTACGAGCGGCTGCTCCAGTCGGCGTAGATCG  
CGGCAGCCATCAGACCACTCACTGCTGGGAACATCGCCGGACGACGCAACAGCG  
GCGCCAGGATCTCGTCGATGCCCGGAATGATTGGACGATTAGCGTGCTGCCGCA  
ATGGTGCTCGCGCCGTATGAGACCTCGATCGGTCGACCTCTCGCGCTGACCTGC  
GCGCTGCGACGTAGTCCGGGACAGGCTGCCGGCTCCATCAACTCGCGCAGCGC  
TGCTCGTACGCCGCGTGCACCGTCAACCTCGATCGGACCCACATCGGAGCGATCGGTT  
GCCGTCGTAATCGAATGCCCGGTGCGTGGCCACTCGTTGCCGTCGCCACGCC  
TGTACCGCACGCCGGAAACATCGACTGCCACCGGCCGAAGCAGGAGCACCGGT  
ACCGGCCGTCGATGTAGTCGGTACCGCGCACAGCGACGCCCTGCCGGCATCCTCGC  
TGCCTGCTGCCCATGCCGTGTTGCCACGGATTGCGTGTAGTCGTCGCTGCC  
CGTGCCGTACATGGTCAGCTCCGGTCTCGACTCTCGGCTCGTCCAGCGCGGCC  
TGCAGCTTGTCCACGCCAGCGCTGCGTGTGATGCCGCCGGCTCCAACTTG

GCGATCAGATCGACCTCTTCTGGTCGGCGACCTCGCATCGATCACCGCCTGG  
GCAGCTGCAGCAGCTCGGCCTCAGCGCGTCAGCGATGCGCTGATGCGTGCCTCG  
CGGTCCACCTCGCCAACGAGTTCCAGTCTTCAGCGACAGGGCGAGGCCTGAAC  
GCGTGCTGCACGACGTGCGCGTGACGCTATGCCGCCTCGATCAGCAGGATG  
CTGTCGGGAAGGTTAACGTGCCGAGCAGGAACGGCTCGGTGTCCTCCGACTC  
GCTGAGGATGTTGGCGGCAGCCACGCCTGCACGACGGCTTCTTGTGATGGCCGG  
CCAGTTGGCACGGTGGCGAGCCACGCCTGCACGACGGCTTCTTGTGATGGCCGG  
CCAGCGCGTCTTGTGGTTGCTGATCTCATTGCATGCTCCCAGAAATGAAAGAC  
CCCAGTTGCCCGGGTCTGTTAACGAAACCGTCGTAGTGCTTCTTCGGCAA  
GTTGCCTCGCCGCTATGCCCTTCCCTGTGAAAGTGCCGAGTCCGATTACCCG  
ACCCGCCACTCCGATCCTGCGGACCATCGATCACTATTGTCACGGGTGAACGCC  
TCGGTGCCCGCTTTGCTGGGCCGATCACTCGCGAATTGAGATTGTTGGAGCG  
TGTGGCCAATCGTAGGTTGACCCATCGATTGTCAGACCTATCCGTATTCGGTGGTC  
GATATCGGACGCTGGCGCCAATCTCCGGTCATAAGCAGCCAAACAATGTGATGTG  
CTCGATAGACGCGACCGAACAGCTGATCTGCACATATCCATTTGCTCGTGCAG  
CAATGTACCAGGCATTGACCTCCGCCCTGGCACATCACTCTCACCTCCAACGGA  
ACAACCCGTGATTGGATCGTAAGAAAGGCGATCTGAATATCTGCTGCAGTGAAC  
GCACGACGAGCGCGAGGAATTCTCTCGGCAAACCTCCGGCTGCCATGCCAAC  
CTCCGAAAGTTGCGTGTGGAAGAAGGCCCCGGGTGTGCTAACACTCGGGCCTTC  
GCCGTTATAACACCCGCAACGCGCCCTACTTACAGCCGTCGACGTAGACGACC  
TGCTTGGGAGGCGACGTCCAGGCCGCCAGGCGCATCACGCCGGCACGTCCA  
GCGCAGCGGGCCGCTCGGTACACCGCAGGAAGCGGTGCGCATGGCATGTGCA  
GCTTCAGCACGTTGGCGTCGTAGCGGTACGCGACCATGCGGCCACGTTGCCGACAC  
CGCGTTATCCAGGCCGCGCAGGCCACGCACGTCAGCGCTGGCGAGTGGTGGCC  
GTGTAGACGTTGGCCAGGAAGTACTGCAAGCAGGTGAGGTCGCTGTACTCGCTC  
ATCTTCTTGGTCGAGATGAGCATGTAACCGACGGCAGCAGCAGACGGTCAGCG  
ATGGCGGTGGTGTGGTGCATTGAAGACGTTGATCAGCGCCGCTCATGCGCCG  
ACGATCTGGTCGGACGTGGCGGTACCGGGCGCCTGCAGGGTCCCCACGCCCCGGT  
GGGGGCTGCAACTGGGTCACGCCGGCGCGTTGAACAGGCCGCTGAAACCCCTTG  
TGGCGTCGCCAAGCAGCGAACCGCGTCGACCATTCCTCGGATGCGCGGCCGCG  
GCCGCTCGTCCTCGTTGGCAGGTTGATGCCGAGCAGCTGTGCGGCCGACCTCT  
TCCCAGCCGTAGCCGTAGCCGATACCAAGCGGTATGCACGCCGGTCTGGAAC  
GCGGTTGGTGCCTCGGGATGTCGCGGTGCGAGCAGTGGGAACCGCTGGCCT  
ACCGTACTGGCCTCGAGTAGGTGACCGACGTGGGAACCTCGCTGCCGGACG  
TGTCGACCGGGATCAGATCGCGGTACTGGATGTCGGATAGACGGTCCGGTAGACG  
CCGGGCTCGATGATCGTGGTCTGCGAGACCGACGAAGCCCATGACTACCTGGCG  
GAAGAGTGGATGTCACGCATGTGGCTGGCTCCTAGCCGAGACGGACGACGGCC  
AACTGGGCTGCCCGGTGGTGTGGTCCAGCGGGCGCCGGTGTGAGTGGCGGTGTT  
GTTGGTGGCGACGTTGGTGAACCGCCGGCTGCGGTCAAGGTACACCGGATCGCCAG  
CGGCGACGGCGACCGAACCGGGTACCCAGATGTCGCCCTGGTGTGACGCGCGCC

GATGCGCGCTGCCGGAACAGATCCAGTCCGTGGCCGAGCGATCCAGCAGCGTGAT  
GCCGACGAACCTCAGGTTGGCGCCGCCAACGTGACGATGCCCTGTCCGCAGCAC  
CCTGTGCCACAGCCAGGCCAACGCGAGGCCCTGCGACGTCCCGACGTTGCAGGAG  
ATGACGGTGGACGGAGCATCGTGGCCTGCATGCCGCACGCCGCAGGCTGGAT  
GTCCGGTAGTTGGCTGCAGTGCATGACTTAGGCCCTGGTTCTGGTGCAGGTA  
ATCGAGGCCGGTGACGGACGCCGTAGCCCTGCACGACGGTGCAGGTTG  
CGGCCATCGCTCAATGCCGCGCAGCCATCGAACGCCCTGACGCCATCGCG  
AGGATGTCGAAGCGCCCTCGATGTAGGCCTGCCGAACTGCCATCGCTCTGCCGCGATA  
GCCGAGCTGCCGATGACGGCAGCCTGCCGAACTGCCATCGCTCTGCCGCGATA  
GTCGGCGTCGTGGATGCCCTGGCGTGGCCAGCAGGTCGCCACGCCCTGCACGC  
GCGCATCCAGGGCAGCGGCATCCAACACCTGCCCTCAGGTCGTCATGGCGCGT  
CGCGCTTGGCGATCTCGGCATCCTTCAGCGCCAGGGCTGCCGTGCTCGGTCGCT  
GGCGCGCGCAACTGCCTGGAGTCGGAGAGCTGGCGCTGCAGCTGTCGATGGCC  
TGGCGCCGGCGTCGGTGGCTCGACGGACAGCCATCGACCAGGACGGTCCGGGT  
CTTGATGTCAGGCATGGTGAATTCCCTCAGTGGTTGTCGTCGCCGATACGAAGGTG  
TTCACCACCGCGCCGGTCGACTAGCGCAGATGGTTGTCGCGATGTTCGTTG  
CACGGCGTCGTACGGCTGCCCTCGGCCGTCAGCCATCCTCGAAGACGATCTCG  
GGTAGCCCTGCGACAGCTCGACCTGCCGCTCCAGTCGGCGATAGCCGCTT  
GTCCATGAGCACCAAGCGCACGCCACGAACCTGTCGTCGCCGACCTCGGCC  
GGTCTGGCGACTCGTACTCTTCAGTTGCTGGCATCGACCATCACCGGTGGGTG  
GTCGTTGGTCATGGCGCGTGCAGAAGCTGCGCAGCGTGGCGTGGAAAAGACCT  
CTTCGGCGCCGGTAGAGGCGCACGATGGCATGTCGGCTGCCACCTTGCATGCC  
CCCAGATAGTTCTGGATGCCGGTGCCTGCGACCTTGCATGCCACGAGGTAGCCG  
TCTCGGGTGCCTGGCGACACCGAGACTCGATCTGTCAGAAACATGGTTCA  
GTCCTCGCGAGCTCTCGAAGATTCCGGGCCAGCACGATGCCGCCCCGGTATGG  
CTCAACCTTCGATAGGTGATGGCGCCTGGTCAGGCTGATGTCGGGGGTAGTC  
CGGAAGTCATGCGAGGCGCTCGCGACGATCTCTCATGCCCAAGCGAGCT  
GCGTGGACGCGAACAGGATCACCGCAGACATACCGCCAACGGCTCGATGGCACGC  
GGGCCACCGCGAGGGATGACCAAGCTCACCCCTGTCGTCGCTGCTCCACTCACTGCG  
TTACCCGCCCTGATCCAGTCGAAGCGCTGGCGAGTAGGCCACCGTCACGTGCA  
GTCGTCGGCGATGTCTGTGATGCCCTGCTCCCGCCAGGCTTCGATCTGCTGC  
GTTGAGCACGTCCCGCGCACGTACAGCGAGCGAGGCTGGCGTCAGCGGAT  
TGCCCTGGTTGCCCTGCGTGGCTGCCAGTGCAGGCCACCTGCCAGCACCTCG  
GATCCTCCTGCCAGTCCGGTTGCCCTGGTGAAGTCGTCATGCCGATTCCAGGC  
CAGCGCTACGCCCGCTCGGTACGATGTTGACGCCACCTGCCAGCACCTCG  
CGGAATGAGCTGGTGCAGGCCAGGGCTTGATCGTGCAGGCCAGCTGAGCT  
TGGTGGCGCGCTCGGTGTCGCTGGTCTGCCACAGGCTGCCAGCTGAGCT  
CCTCGGTGGCTGCCAGCGCCAGTACAGGACTCATCCAGCACCGACATG  
GCCGGCGTGTAGATGAGTTCCCTGCCCTGACTTGATGCGGTGCTAGTAGTCCGGATG  
TCGTTGTCGCCGGTGCCTGTTCAAACCGCCGGCGACTGCCAGAAGACGCGTCAG

CGGGATATCCGCCGCGCCTGACACCTGCTGTAGGAAGGCCAGCATCACGTCGACCA  
ATCCGCTAAAGGACGCCGACTTCTGCGTGTACGTCTCCTCCCCATCCAGCACCAGCA  
TGCCGTTGATGCCCTGGCCATGCCGCGAGCTGCAGGCCGCTGGAGCAGCTGCGCCT  
CATACGCAGGATCTGCCAGCTGCGACATGAGGTTGGGATGTTCAGCACATGACCT  
TGGCCTCGAATACCAGGCTGGCGATGTTGGCGCTCGTGTCTGCCTGTTCACCG  
CGTCACTGATGCCATCAGCACCGAGTCGCCAGCCGTCACCGTGGTCACTCCG  
GGTCCGGCCGATGGGCCGCGTGCAGGATGACCAGCCGAGGGGTGAATTGACCC  
TGACCGGCTCGGGCTGATGTCAGCGTAGAACCGGGCTGGCCGTAGGTGGCGA  
CTCGGCATCGCAGTCCTGCTGCCGTCAGTCAGCATGCGCTGGTCAGCACGTTGAG  
GTGCTTGTGATGCCCTCCTTCCGACGCCGCGTCGGATCCAGCGGCTCGTGGGTCCGT  
ATCACCGGTACCGATGTAGATCGCAGCGCCACCGAACAGCCGCGCCTGGTGTGCG  
CCTCCAGCAGCTTCACCTGCAGGCCAAGGCGCTCTCCTCCGCGCTCAAGGGCGCTGA  
TCTGAGTCTGATCGCGTTCCATGTCGCCAGTTGCCAGCGTCAGCGCCTGAGCGCGGGGA  
TGTCGATGATCTTGCAGCGAGGCCACGTGCCGCGATAGCGTGTGGCATCAATGT  
CGCTCAGCGCGCGAGCGCGTAGTGGCTGTGCAGCGCCTGCGCGAGGTGCC  
AGGTTGCCACGAGATTGACCAGCCCCTTCAGTTGCGAGCTCAGCGAATGCCAGAGA  
GCGCGTGCACCTGGCGTGTGTTGGCGTTGGGAACCTGGCGATCTCGTGCAGGA  
AGGCCGCCACCCACGGCCATTCACAGCTTGTGATGTTCCGCCCTGCCCTGCC  
CCACCGGTGTTGCCGCGACCTCCGATCCGGACTCGATCGCGCCTGATGTCCC  
AGCCGGCGAGCAACTTGATCTGGTGCAGCGCGCTGGACTTGCCGGCGGCCAGGA  
TCCTGCGGGATGCGTACCTTGATCGTCCGCTGCCGCGTGTGCGCCTGCGCAGC  
ATCCGCTCCACGCCGGCGGCGACACCTGGCGCACCACGTCGAGCACGTAGTA  
GATGCCGCCGTCGCCAGCAGCAGGCCACCGTGTAGTCGGATCGCTGCTGGT  
CTTCTCCTCGGATCGTGGCGCAAAGTCCCAGCGCCGAAACCTTGCGCGCGTCA  
GATGGCCGGTGCCTCCACGACCTCGAACCGAACATCTCGCTGAACGAGGCC  
GCGCGGTGTTGGCCGCTGCTGGTACTGCCGCGCATACGCGTAGGTGCC  
CTTCAGCGTTCGATCTCGCGCGGGGAAGCGCTCCGGAAAAGCAGCTCGCC  
CCTGGGTGCGCGGATCCTCGAACGAGACTTGCGTCGACGTAGGTGCC  
CCGCCGGTCTTGTGCCGCTTGTCCGCTGCCCTCGAACCTCCATCGGAGAT  
TGAGGTGGACGAAGGCCAGGTCCAACCTCCATGCCACCGCTGCAATGTC  
GCAGGCCGCTGCATGATGATGACCATGCCGACGACGTGATGTC  
GTGATGCCCTCGGAAAGATGCGGACGGCGGTTTGC  
GCGTCTGGTCGCCGCGCAGCTCAGGTTGCGCAGGACGTTGGCTGGCTCG  
ATGAGGCCGCGCAGCTCAGGTTGCGCAGGACGTTGGCTGGCTGAGGAGGT  
GCCAGCGTCTGCAGGTCGGCGGCCGATGCC  
ACACCAGCACCAGCGACTCATGCGGCCGCGACGGTAATCAGCAGGA  
ATGCGCCCTCTGTGACCGCCTCAGGTGCAGGCACATGCCCGCAGTGCC  
CGGCC

ATCTTGAGCGGCCGGTCGGTTCAAGCACGTGCCAGTGCTCGCGAATGAATCCTTCC  
AGCGACTGCGAGCGCGCACGGATGCCTTCGACATCCTCAGCGATGCGCAGGCGCTC  
GCGCTCAGCCTCCCCTCGACCTCTCCGCTCGGATCTCCGCCAGCGACGGCAAGCG  
GACCGAGGATCGATTCAAGGCATCGAGCTCATCGTCTGACAGTTGCTCAGGTCGT  
AGGTGCCAATGGCACCGGAGTGGCGGTGGCGCTCGACGGCAGGCCGTACAGCTT  
GCCTTGCCCATGGTGGCGCGACCATCGGGACGCCCTGCTCTCCCTGGCAATG  
CCCCGGGCTTCCTCCAGCTCTGCAGCCAGGGAAATGCACGGTCACGGCTGCCCTGCTGG  
GCGACCTTGGCCTGCGCCTCTGGATGGCGGCGATGTCGGTTGGTCAGGTT  
TCAGGACCCGACACTCCTGGCGGTCTCTCGCTGTACCCGGCGCGATGGCCGCCTGG  
GTTGCGTTCTGGTCCCTCAGGTACTCGACCACGAACCGTTGCTGCTTCTGGGTAGGCC  
CGGGCGCTGCACCGCCGTGGCTGGGTTCTCTTAGGCATGGGTTGGCTCCCC  
GGGTGGGGCCGAGGTGTGTGCGGAAATTGCGGGAGTGGATGCACTCCTGTCCG  
CAGCAGGCTGCAAGGGGGTAGCGGGTTAGGAACGCCCTGAATCCACGTTAGCC  
TCGACCTGATTCTCGGAAACAAGAGGTTGACCCCTCTTCCCTCTCAGACTCC  
ACGACAACAATCAAAGCAGGTAATGCCACACATGGAATACGATCAGATCATCGT  
CAATATCATTGGCCGCTGGTTGTAGAGGGCACCAAGATGCTTCTGCATATGGGATG  
CAAGCACTGGCTTAATCGCGGTAGAGGCAATCACGGTTGGCAGGCGGGAGCTG  
GTCGTCGGCGTCACGGCGACTCGAACAAACAGCACCCGCAAACCTCGTCTGGCGCT  
CGGCGGCCGATCACGTTGGCGGCCGGCGGAAGCCTCGGTGAGGCGCTGGGTT  
TCACAGCTGGCCCACCGTCCCGCAGCTGAGAGCACCACTGCGCAGGTCAAGCAC  
AACAGCATCAGGGACGGCTTGGCCGCTGCCGGTCTTCTCATGCTTGGCTCCAAT  
GTCGGCCAGTGCCTCGGCTGTTGGTGTGCGGTGGATCGGGCGGCCTGCTCAAAGGC  
CAGGGGCCAAGGGCGGCCCTGCCTTGCTCGCTGGTGGCACCCCTGGCGCGGTC  
TCCGCGCCAGGCCAGCCAGCACGAACATGAGGCCAGACCAGATAATCAAGGCAA  
CGATGGTGCCTTCATCGGTACCATGTGCGGCCAGGGCTTCAGCAATCCCCATAG  
CCAGGGCACCAAGCAACACAGCGCAAGATGCCCGCCGGCCAGCGCGGCC  
ATGACCAGCAGGCCGTGAATGCCCATCCAATCCACTCCATACATGGTCAGATCC  
TCGTGTTGGTAGGTGATCCAGATCCAGGCCAGCGCGCCAGCAGCACCCGAC  
AGGGCGGTGATGCCAGGCCGGTGGCTCGCGTGGAGGCGGAGGCCTCGGTCCA  
GTGATCGGCCATGTCAGGAGGCCCTCGCGTGCAGCCAGGGTAGTAGTAGCCGCG  
ATGGCGCCCATCAATGGCCCCAGGTTCCAAGAGCAGCATGAGCACGTCCTGTTG  
CCCGCTGGATCTCGAGTTGACGAGCACGGCATGGCAAGCCATAGAGCAGGAA  
CACGATCAGGGCGATGCCAGTCAGGCCGGTGGCTCGCGTGGAGGCGAGGTCA  
TGGCGCACCGCCGATGCTCCATCACAGCTTGCAGGCCACTACCGCG  
CTTGTGCGATCGGTGGACAGGCTGAAGTAGTCCATCGGAACCTGGATGATCGA  
GCCGAATTCCACCCAGTCGCCCTGCCAGCTGCCATAGCTCGCTGCTACCGCG  
TACTGCCTCGGCCGATGATGTCGGCGATCGCGATGATGTAAGGCAGCGAGGGC  
GCATCTCCGGTGGACCGTCAACAGCTCGAAGAAGCGCCCGCAGCAGGTGCTGG  
GCGACCATCAGATCCTCGGTAGCTCCATGGTCGCCACCTGCTCACTCTGGTCACGC  
AGCTCGATCGCTCGTCCGTAGCCGAGACGCATCACGTTGTGGCCATCGAGGCGCG



CGTCATCTGCCCGCAGTGTGGCATTAGTCTTGACGCCTCGCCCCATCAGGCTCAG  
CTCGGCCTTCATGCTTGCCCAGCGGTCTCGCAGCATTGGTCCTCAGTGGCAAGCTG  
CATCAGCAGCCAGATCGGATTGATCTTCCCCGAATCGCGCAGGTGACCTCAGC  
CTTTTTTCGTCACCTCCGTGTGGCGTGCGACATCCACCATAGTTGTGGACAACC  
GTAAGCAGGGCAGTCACGTGCCCTGGTGCCTCGGCAGCTGGACAATGTTGTCG  
GTGGGAATACGGCTCATGCAGCGAGGGCTCCGGCTGGTCTGCTCGTGCAC  
GAGCCAGCAGCAGAGCCTCGGCCGGCGTACCTTCTGCGCTGCAGCTGC  
GCCGGACGGAAAGCGCGGATGGCCAGCTGCCGCACGCGTCCTGTTCTGACC  
GATCAGCCGAAATGGCGCTCCAGCTCTGCGCTGCCAGGCTGAAGGGGATGC  
CCATCACCTCGAGCACAGCCTAGCCTGGCGTAGCTCTGCCGAAGTTCATCGACG  
ACTGCGCCCTGGTTCCGGTCCCCCTTGGCGCATTGCACGAACCGCCTCACGC  
AGCCGGAGAAGACGGCGCCGGATGCTGGCTGCCAGCTCCCGGATGAAGACCGCG  
ATCGCACCGCATCGACTCCTGCTTGTGCCGACCGCCATCGCGCATGTCAGG  
ATCGGGCCAGCCTCACCGTCGAGCAGCGCGAACGGCGCCGGACATGCCGGGTC  
AATTCCGAACACAACCGCAAGGTATCGCGCACCGCCTTCAGCACATAGGCGTG  
CTTCGCCCCCTCGCGTGTGCTGGCGAACGCCCTGCTGCCGACGGCAACCGCCG  
CTCCACCTCGGCAATCGTCGGCGCCGCGATGGCATCGATGCACCGCGCGTA  
GGCCGGATAGGTGCGCGAGAACTCTGCGACGCTGGCGAACACCTGCCCTCGAATC  
GGATCGGGGTGGCGGTATGGCTGATTCTCCAGCGCGGCCAGCAGTGCCTGCC  
GCTTAACTGCCGACTGCGCATCCACTCGTGCACCTCCATGCCGTGCATCACGGCG  
CCCGCGAAAGGCGGTTAGCTGCTCGGTCTGGCTGCCGACGAGCCCCCTGCATTG  
CCGCCTCGCGAACTCTCGCGCTGGTCAGACGCTCCACGCGCTGATGCCGTTCG  
AGATCAGCTCGCTGATTGCTGGATGCTCATGCCGACTCCTGAGTTGCATCGACAA  
AGGAAGCAAAAGGTATTCGTAGTGGCGTTGGTCAGTGGTCCGACAAGGAAGC  
CGCCATCGGGATCGGATCCCAGTCGTACCCGCCACATGCGACGACCGTGTGG  
TTCGTGCCCGAGGGCTCATCCGCCAACGAGGTAGCGAATGCCAGGATTGCGAGA  
TTGCATGTAGGCGAAAACGCCCTCCACTCCGTTATCCGGACCGAAGGAGACATCCA  
CCGAACAAAGGCCGTGTGCTCCAGGAATTCCGCCACAGCCTCCAGTCGTATC  
CCCGCTGGTGGCGCGAGCTGTGCGAACGTGCGGCCACCTGCCACGGCTCCAAGTCC  
ATCAAGCAGGCAGTCCGCGGTGGCAGTCTCCGTAGATCTCGTTATGCCGCTCG  
TGCCGGAAGAGTTGATGCCGCCGGATCATGCCGCTTCCTCCGCTGCTGCC  
CGTCCCAGCCTCGCGCCAGGCCCTCGCGAGCAGTGCCTGCCACCTGCCATGGCGT  
ACTTCGGTGAGTCGTCGCGCTCTGCTGGCCTGACGCGCGCGGTGGCCGGCGAGCC  
GGCGTTCTCATAGCTTGCTGGTATGCTGCCCTCGGATGTTGAGTAGTTGGTCC  
TGGTAGGTCGCCAGGCTTCAGTGCCTGGCGCCAGGACGTCGAACGTCCAGGC  
GCGGAACCTCGCGGGCGTGGTCTGAAACTGGGTCGAAAACCTCGCGCATGCC  
CGCGGGTCATGCCGGCATCTGGTCGCCGCTGCTGGTGCACGGCGCCAGCGCGACG  
ACTGCGTGCTGGCCGATCTGCTTCTGCCGTGCAGGTCGCCAGGTTGCCGTTGG  
ATCTCGTGTTGGCCGACTGGATGGCGCGCTGCAGGCCGGCGATGCCAGCG  
GCAGACGACACAGCCGAGTGCACGCGCGCGTCTGGTAGGCCCTGCTCAATTGG

TGGCAGCCTGATCGCACGCATCAGCGTGCTCCCTGAGCAGCTCCACCTTGC  
TATGCTCCCAGGCCTTCAGACCGTGGAGATAAGCATGGCACAAATCCAAAGATCAG  
CTGGCAAGGGCACTCGTGTATTCTGGATGTCGGCGGGCGCCGCGTTGGCCTT  
CGCGTGCTGGATTCATCGGCCAATTCTGGCAAGGACGCGGCCCTGGT  
GCAGGGCGGTGGCAGCAGCAATTCTGATCGCAGTAGCTGTACCTGCCGCTC  
AGCACAGGCTGGCACAATGCGAGATCTCAGGAGGCTGCTGACCAGGGCGAAGC  
CTCGGCTTGCAGCTCCTCCGCACATGATGTCCTCGCAGAGAAAAACGGAGACATT  
TGGGCATATGAGCACCCGATCACCACTCGAAATCGCGGACCAGACCAATGCTT  
TCTGGGGAGCGGACGGAGCAGGCACTCACCGTCCCCAAAGGCATTGCAGACGTGG  
TCGGACAACACTGCACGAGCTCGGCAGCGCCGAAGGGCTCCAGCACGCCCTAT  
AACATCGAGAGAGCGCGAGAACCTGACCGTAGTAATGGCTGTGCCAATTGGA  
TAGCTTTACGGCGACGAGCCGTTGAGAGGACTTGTGATTTGAGAAGACGGCGTT  
TTATGACCTTATGGACGAAGCACTCAAGGGACTTACTAGGAGCCAAAACAGTGA  
AAGCGCTGTTCCGCCACCCGAGCAGTCCACTCGCTCCCCGAAACAGTGA  
ATGCAGCGATGCCCTCTGCACGGACTGCCCTGCCATCATC  
AAACTCAGCCA  
GCACGTGTTGATAAGCACGTGCGCGTAGGCAGTGCCTGAGTGGCAGTGATGCCTT  
CGAACAGCGTCGGAACCTGTCCTCATCGAATCGAAGGCCAGCGAGCGCG  
ACGATGACCGGGATGTTGACCGCAGCAGCAGCTCGCAGCAGCTCGCCGCG  
CCGGGACCGAAGGCTGCATCTGACCGCAAGCACCGCAGCAACCACCGGTGGC  
ATCCATGTCGATCTGCTCGCAGCAGCAGCAGCTCGCCTCGCAGCTGCTTGC  
CTCGTGGCTGTCCAAGTTCTCCAGCCTCGACGTTCTGACCATCAGCTGACCGAT  
CTTGTGCAGCAGCCGGTGGCGCCAGGCGTCGCGCGCGCTTGATTCCAGGCGTAC  
TTCCTGCCCGCCGATAGCCACGCTGCTTCATCAGTTCGCGTGACCGGATGCTC  
GGCGAGCATGCCAGCCTCTCGCCGGTGTGATCACCACCGCCTCGATGAG  
TGCCTAGATCGGACGCGATGCGCGCTTGGCGCGGATCTCTCGCTGCTTGGTCA  
GGTCATGCTTACCCACCTCGTGGCAGCGCTGCCAGGCGACGACGCGGTGC  
TGGTGCAGTGCCTGGCAATCGCGCGCTGGCGCTGGTCTGCTGGCTGCCAGAACTC  
AGGCAGATCAGAGAATCGGAAATACCCCTGGCGCATATGCGACTCGGGCGTAC  
GCGCACCATCTCGCTGGATGGCGCGATCAGTTCCCGCGTGCCTCGTAAGCA  
CCTTGTGGTAAATCTCATCGCGTAGATGAAGACCACAGCATCCCGTCTGCTCG  
TCGAACCCGAGTCGCGCAGGTAGCCACGATGGCCGCTGTCTCCGTTGCGCTTCT  
AACATCACGATTAGCTGGCTAAGCAGCACAAACAGCAACGTGATCTCGCTGCCA  
TTAGCTTGAGCGCGCGTGTGATCGCCGATGCCGATGCTCGATTGTCACCGGATA  
CGTCATCAACTGCAGGTAGTCGATAACCACCAAGGCTAAGGTTGGGCTTGTGCC  
TCATGCGCGCACCTGTGACAAACGTGCTGCACCTGGCGACCGTGGCGCGCTG  
ATGCGCAGCGATGCATACCGATGCGCCGAGTCGATTGGTTACGTTCCGCCAGTC  
ATTCGTCAGTTACCGCTGCGATGCCGTTCCGCTGACGCCGGCAAGTTGCAC  
AGCATGCGTTGCCATTCCCTCAGGCTTACGGCTGAGCTGAAGAAGGCCACCGAG  
CGACGTGCGCGCAGGCCACTGCTGGCAATGTTCTGCGCAAAGTGGTCTGCC  
ATCTCGGACGCGCCAGCACGTAGAGCGGCCACCGTGCAGGCCATCGAGCAA

CGCGTCCAACCTCCGCATTCCAGTCGATAGGCCGTGATCCCAGCGTCGCGCGTCGA  
TGCATGCGACAACACTGGTCGAACACGCGGCCATGACTGGCCGACCGCCTCCAAGT  
CGCAGGGCTCGTTATCCAACAGTCCGCCGATACGGCTCTGCGCATGCCCTACGAGAT  
CCAGCGCCGTGCGGCCGCCGGCTGTAGGCGTCCTCCATCAACTCTTGGCTGGCTT  
GGATCAGGTCTCGCAGCATGGCCTCTCGGCCACGATTCGGCGTAAGCGCGGATGT  
TGGCGGCTGACGGAACCGTTGAGCTAACTCGATCAGGTAGGCCCCGTGCCGACC  
AACTCAAGCTTCCCTCGAECTCGAACCATTCGCCGAGAGTCACCACATCGATAGGT  
TGGCCTTCTGGCAAGTCGAGATGGCTGCCAGATCAGTTGGTATCGCGACGG  
TAAAACGATTGCTCCGACAGCAGGTCGGCACCTCCTGCCGGCGCGTTGAGCAG  
CATCACCCCCGCCGAGCACCAGCTGCTCAGCATCGATGCTGTGCCGGCACCCGCA  
GTGCCTGCTGGTACCGTACAACCCAGCCAGACGGTCGACATCGTCATCACGCTCGG  
CCCTCATGCTGCCGCCCTCCGAAAGTGCTCGATCAGCGAGCTGGCGATGGTTTCTC  
TCGCAGCAGGACTTCGAAGTCAGGCACATAGCTCTCGTCCCCAGGCCACCTTCAC  
ACGGCCGGAGTAGAAACTCGTCATCAGCAGCGGACTCGAAGTAGAGCTGCCAGAACT  
TCGGAGTGACTCGCTGCCAACAGCTGCTGGCACAGTTGCCAACAGTCGGC  
AGACACGCCCTCGATTGCCCTCAGCCTGGCTTTCAGCACGGTGCACCTCGACAGC  
AGCCCATTGGCTAGCCAGCGTGGCGTTAACGCCGTTGAGCGTCCTCAGCGATC  
TGGCGAATGCGATCCGCTCGTTGGCCTCAGGTGGCTGGCGGGAACGGTCCGCC  
GTCAGCGTCAGCTGCCGGGACGACTCCGAGCGAACAGCGAGGATTTCTCGTCC  
TGTTCCTGTTCTGTTCTGATTAGGCATAGCCTAGGGAAAGGTTCCCGAACGGC  
TTTCCGAAAGCCTCATCGAAAGCCTCATCGAAAGCCTTGCACAAACCCCTCCGAGC  
TTGCAAACAAAGGCTCTCAGGCATTCCAAAGCCTCGACTTGAGGGCGCATTGGG  
ATCAGGTCGAACCTCGCAGCCAACACTCGCACCCACATTGGCAGTCCGGCGGTTG  
TGCTGGATGCCCTGGGAATCCACACCACCGCCTTGAAGTCGGCTTGACCATG  
CCTGCCCGAAGGCTCCGCAAGGCTTGTCAAGGCTTCCAGTTCCAATCGAGA  
TCCTCAGCCATCGCGGCCGCCGGCGCGAACAGTCAGGAATAGGCCGGTGTG  
GGGCCGGTATCAGATAACGCCACAGGCCCTGGCGCTGGCGCATCGCGAGA  
GCGCGCGAACCTCTCGTCGCCCCACGTCCCTGACCTTACCTGCGGTAGCGGCTAC  
GCGCCGACCGGGTTTCGGTGTGGTCTACCGCCCTGCCGCTCCATCGC  
CTTCACCTGGCGATCGCTACGCCCTCGCACTCGCGCTTCATGTCTAGCCAATACG  
GCGTCAACGCCCTCTGCCAGCGCCCTGCGCTCAGCAACTCTGCCAACGCG  
GGGATGCCGGCTCCGGCGAGTCTCGAGCAGCTGCAGGATCATGCTGCC  
CCTCGTACCTGGCCTCGCGAACGCCCTGCCAGCGCCCTGCCATCTGCC  
CAGCTGCCGCACAGCGTTGCCAGTGCCTCGCCTCATTGAGGGTAGCACCTGG  
TGCCTACGAATGCCGATGAGCTGCAGAGCTGCCCTCAGCTGCCGGCATCCAG  
CAGAGATTGACAACACCGCCGCCAGCGTCACGTCGGCGCTGGACGATGAAGT  
CGTCTGGCGGCCAGCGCGTGCAGGATCCGAAAGTCGCCGCTCAGCCCCATGATC  
TCGCTGGCTCGGCCAGGGTCAGGTGGTGCCTGCCGCTGGTTGACCTTGCTG  
CGAACGACGCCAGACATCGGCTCTTCGCCGCCGGTCTGTTGATGGAGATGAG  
GCGAGTCGCCAGGGCAATGCTGCCGCCGGTAATCGCGAACGGTCTTGTGCTG

CATCGGAGATGTTCATCGGCCGGATACCTGAACGTGGTCGTGAAGGGACCATCCG  
CCACGCTTGCATGGACGCAGCACTGCAACGACGGATCAAATCAGCGAGAAGAAGG  
GCCAAACGTACGACGATCGTGTGGGAGGCAACGTGTTGGGCTCGGTG  
GGTCGATGGCCGCATGACGTGAAGCTGTTACGGAAGGGCTGAAACGTGACCAGGG  
AAGGTGTCGCCCCCTGCGTAGGCTGCTGTTCCACACGAGCAGCCGCAAGGA  
GGCGACATGGAAGCGAACTCAAAACGTATCCGATGGAAATCGCGAGTCGT  
GCACCATCAACAATCACCAACCCCACAGCCTAGCCGTGCGCTATCGAGTGCAGGG  
GGATCAACCATCAACGTGTCCTCCGCCACTGGCACAGTCACCGTCGTGCCCAG  
GGAGACATCACGTTGTCGAGGTGGACGTTATCGGGGGGAACCCCTCGGGCCGCG  
CGCTCTGACTAAATCGATATGGGTGGTCCCCTGGCTGCTATGTGCCGGGGCTT  
CCACGCCTCGGGCAGTGAAAAGTTGATGTCCGTGCCCCAAGAATTGGGTGCCA  
CGGCGCGGCCGAGCTCATCCACGGCTACCGCAGACCTGCTCCGGAGTACCGAG  
TTGATGCGGCCGGCAGCGATGTCCTGCGTACAGTCGAAATGATCACTTCTGG  
AGCGGCGGCCCTGGCCAGGTCCGCGGGCTCGGCTTGTAGCCAGTCGCGCAGCCG  
CACTCGCGATTGAAGCGGTAGGCAGCATCGGCCACCTCCCTCGGGGGTAGCC  
GGGGGCCAGATTCGGGCCAGTCGGTCAGAGAGACGGCTCCCTGGCTCTGAAC  
GTGCAGCTGGCGACAAGGCCATCGAACGCCTGGCCTTGCTCATCGCCTGCG  
GAGATAGCCAATGGAAGTGCAGCGAACGGCGTAGTCGGCCTGCTCGGCTGGGG  
TCAAGGTGAGGTAGCTGCGCAGAGTGCCATGCGCAAACAATACCCCTGGTA  
ATCATCAAAGCAATACCCGAGGGATTACTGTAGGTAAGTGACAGGCTGCAAT  
ATGAGGATGGACAAATACGAAACCCGTCGCTGCCCTAAAGGCCTCATGACTC  
CCTGGGCCGCGGTGGACAGCGCAGGTGCGATCGCTATTGGCAAAGATGCGAGTT  
ACGTGTCCCGATGCTCTACGACGAGGGCAAGCCTGGGAGGAAAAGGATGGGAG  
GACACCCCTGGAAGCGCTGGCTAGGGCTACCGGAGAAATTGGCTCGTCAACTT  
GTCTCACCAGTCCCAGCGACTGAGACGGCTGGGATTACGTTCGCGTCAAACACTG  
GACCGGGAGGCAGGCATGGCGAAGGACGGATCAACGACGACTACCCAGAGGTGA  
TTCGCTCGATGGATTTCGAGCCAGCTTACATTGCTCAGTCGTGGGTTCTGCGCC  
CACCCGGCCGTTGATCCTCATCACTGGCGCGGTGACTCAATGATCCCGTGATT  
AACCAAGGTGAGTCGCTGATCGTCAACACAGGTGCGCAGGCTCGACGGTGACGG  
ATCTATTGATCAACACTGGAAACGGGAGCAGATCAAGGCACCTCAGGATAGAGG  
CGACGCCATCTATGTCGTCAGCGCCAATGCCGGCTCTACCTGCTTCCCTTCCC  
GCTCATGCTCTGGTAGCCGGAAAGGTTACCTGCGCAACCGCATTGATCGATTGAAC  
TAGGGGTGTAAGGGATGAAGTACTCATGGGTACCGCCGCTCTGCTATCGCTGCTG  
CTTGATGTAGCAGCAGAAGATCAACCTCCAGCGCGTACCTTTGCAGGAGGTCA  
ACGGCTTTGTGAGCTGCCCCGATTGCTGGGAGAAGAAGAGCTCAACAAGCGTC  
TCTATGCCGAGCGGCTCGAGCAACGCGGGAGCAATCGCGACTGTGCAAACGAC  
GGCGTGCACGTTACGTGCAGCATATGACGATATGTCGCGTCAAACCCAGGC  
GAGGCGAAGTCTCTGCAAAGAGCCTGTACGCGCGTGCCTATGGCGACGC  
GCTCATCAATGCCACCTCCAGGCGCGACTGGACAACGGCATTGCACAGGC  
TGAGTAAGGCTAAGTCGATTTCATCGACTCTGGTTGTAAGTGGCAGTGGCGG

GTACCGACGAAGCGTTCAAACAGCGCTATCGAAGTGCAACTGCTGACAGCTTCT  
TGAACAAAACGCCTTGGTCCGGACGAGGTAGCCTGCGCTATCGCAGGGAAATACT  
CTCGATCAATGTGGACAAGATGCTGCTACGGGCTGCACCTAGCGAAGCATCA  
GGAGGTCCGGGACTGCAATGGTACCGGGATCACGCGGAGTTGTCGTATAT  
GAGGTCCATTCAAGCAGACCTGCAGCGCAAATAAGATCGTAAAGAAGGTGTTG  
AACACTACCTCCGACATGGCGATTCTCCGCCGGTACGCGTGGCGCTGGCG  
TGATCCTGCGAAAGCGCAAATTTCAGCGTAGAGGCTGATTTTGAGGCATTG  
CGCGCATTCTGCCCGAGAGCGTAGGCAGAAGAGAGATCCAGATAGCCCAGAGG  
GCAATTAAGGCCAGAATGCTGCCACACGGGCCACGGCCATCTGAGTAGCA  
CCACAAGGCCTATCCCAGCCGACGAACGAAGTTGCCCTGTCACGCTACGAGGC  
GCGCAGCCCCGTAACCAAATAACTTACCTTGGTATTGACTAAAAGATACCCGCG  
GGTAACTTACCTCCATCGAACGAACCACCCGGATCCCGCCGGGACGTGCGACGG  
AGAACGTAGATGTCCAGCACCCGCTGCCACCCGTACCACCCGCAATGCGGCTGCG  
GACCTGCAGCCGGCATGAGCTGTCGACGAGCGCCGACGTTCTGGCGCTGGCCC  
TGCACCGCGATGGCAGCGTTCTGAGTGAGGCGCTGGCGAACTGACGACCGAGCAG  
CTGGCCCTGATTGCCGGCCATCTGCCACGGCAACGACGAAGGCGCGAGAGAT  
CCTGCGCAACGCTGTCACCGACTACCTGCGCAGCTGATCAACGCCGATGGACG  
ATGTGGACTGCTCGCGATCGAACGCGTGCCTACCTGACGGTCTACGAAGCC  
AAGCCGGCTCCGGTTGCCGTATGCCGTGGCGGGTGGCGGATGAGCACCAACGACG  
ATTCCCGGGTGAGCGTCTCATCTGCACTGCTGCGATGCCGCGGTAGGTCTGGCT  
GGTGTCCACCGGGCTATGGCGGCCCTGCATGTGCCCGGGATGCCCTGGACCT  
GCATGGCTACGCTGCGAAAGCGGACATCGAACATTGACCTTGCACGAATGCC  
TGGGAGCGCTGTGTGAGGCGATCAATCAGCGGTGCGACCGATCCGCGAGACGTTG  
ACGACCAACGGAGGCAGCGCATGAGCGCGCTGCGATGTGCTGGCGGTGTTG  
TCCTGACTGGCGCACCACTGCAAGCGAATCGATTAGCGACGAATTGCGCCAAGC  
CCGGCGGCCATGGCGAGCTGATCGAGGCTGCAAAGCACGGCGCAATGGATCG  
TCGAAGTCGGAGACCGCAAGGGCTTGCCTAATGGCGGAACCGTGCATCGACTTG  
GCAGCCCTCACCGTGTGGCAGTGCACATGAGCGCCGTCTCCCTCCCCACCG  
CTGCGCGCGGCCGATCTGGTGCACATCGCGCTGATCGTGGCTATGGCGCGA  
TCACCGTGGCGCAGTTGGTGCACCTCCAGCCGACAACGTGCGCCCTGCGCG  
TGCAGGCATCGCAGCACGTGCGGATCCGGACGAGTCGGCAACGACCTACTCGAC  
GGTCCGGAGGCAGCCTGACATGCACGAGCAAATCGACCCGAGTTCCAGCGCTTCA  
TGCTCCCGGAAGACGCAATCTCGCCGCTTCTCATGTTGATCGCGCCGGCGCAG  
CCCTGCTTCTGCAGGCGGTGTTCTGACCGGGCGCTATTACTACCGTTCTGTC  
CTGGTCAGTCGATCCTGTTCTGGCGCGCTGGCGATCTTGCTACGAACAGAAAG  
GCGCACGCGATCTGTTCCGCCCTGCTGGTTGCTGCTGCTGACTGCACTG  
CGGAGAGCTTGCCTAACGCCGAGCCGAGCCGAGCCGTGCGCACCGCGACCGCAG  
CCGGCCACCGACATCACGCCGATTTCCGGAACAGCCGCGCCGGCATCCGCTG  
ATCCCCGCCGGTACGCCGGCACCACCGACGAGGTATCCAATGTTCAGCTGAAAG  
GCACGAGGCCTCATGCCAACGTCAACCAACGCATCCAGCGGACGGCGAAGAAC

GCAAGCTGGCTGTCGACATCAAGTACGTCTTGAGCGTCAGCAACGAAGCGCTCGATT  
CATTGACTCCACGCTCGGCCACGACCTGTTCCGCAAGCCGGCAAGGGCGAGCAG  
CAGGATCTTCCGCAGATCGGCGGGACGGCCTGACCGCCGTAAAGCATCCGGCGCT  
TGAGCCGCTGAAGCTGAGCCACGAGTTACCGGCTACGAGATGCACCTGGCCGGCC  
TGCTGGAAGCCGGCGATCCCATCATCCTGGTCACGTGAAGCTCAAGCGCTTCGTGA  
TCGAACCGAAGGAAGGCGGCAGCCTGGCGATGTCGTTACTGCATCGGCCGAGGTC  
GAGCCGCAGGAACCTGGCCGAGCTGTGAAGCGCTGATCCCGAAGACGTGCTGCT  
GACCCTCCTCGCTCCCAAGCGCGCGCTGCGGCTGTCGAGGATCTGACCGAAGGCA  
GCGACACGCTCGATGCGCAGGACAGCGCGCAGCTGCTGCCGAAGCCCGAGCCTG  
ATCGACGCCGGCAAGAACGGTGGCGGCATGAACCGGCCCTCTGCATCCGCTGATC  
GACGTGGAGAGCCGCCAGATCGCCGCCATCGGCCATGACGCCGCCAGCCAGACGTT  
GGCCGTGCGCTTCAAGAACTGGAAGGGCGAGATCACGTCGCTCTACCAACTACGACA  
ACGTCACGGCCGACGACTACGCAGCGCTGCAGGCCGGAGTCGAAGGGCGGCCAC  
TTCAACAAGGTGATTAAGGCCACCCGGTGCCTGGCCCTACCGCAAGGTCGAAGA  
CCGCCCGCTCTCCGACGCAGCCTGATCCCAAACCCGATCCGTGGCAGGTGTCCACG  
GACCGCGATCGCACCGCGCATTGACTCTCGAAGGTCAGACGTTAAAGGCAGGAAGGG  
AACCGCACGCACCGCCGATATGTGCGCGAGAAGGAGCGGAAGGCAGAAGCCTATG  
CAGCCGGAAAGACCGGCCCCAGCGAAAGCTCATGGGTGAACGAGTGATGCGGATG  
CAACGCCGTGACCGCCGGAAAGACCGGCCCTATCCATAGCGGAGCGGCTTGC  
ATCAACGAGCGTCCATGTCCTGCGTATCGAAGACCAGGCCGCTCCGATGGAGGG  
AATCTGCAGGCTGATTAAGTGGCGTAGCTCAGTGATAACTGCCGACCCGGCGCT  
TCATGGCGCGGTGAGCAGTTGCGTAGGGACAGGAGGAAATCGGAGAGAGAGCCG  
CGTTGTGCGCACGGCGCGGTGATGTATCCGAAATAGTCCTAAACCTGAGGCTTAGAG  
CACCCAGCGTGAAGCTGGGAGGTGCGCCGTAAGTGGGCCACGCCACTTAATCAGCT  
TGCAGCCGGAGATCAGCACCGGCCCTCCACCCAGTAAGTGCCTGGTTCGATTCCGG  
ATGGTTGGCCGACGGCTTGGAGCGACGAGATGCGGTTCGATTCCCGATGGGGCT  
TGGAGCCAAAGGCCCGTGGTACCGCGAAACGGTGCACCTAATTCAACACGCC  
GGCGCCGCCGGCAGGAGATTGCAGTGAGCAACGTAGCCGTTATTCCGAGAACCAA  
CAGGGTGCCTGCGCCAGCCGCCAGCAGTTGACCTCAGCCCCGAAACGTT  
GAGCAGGCGCTGACCTTGCGATTACCTCGCAGAAAGTGACCTCGTTCCGAAGGA  
CTTCAAGGGCAAGCCGGGAATTGTCTGATCGCAATGCAGTGGGGCGGGAGCTGG  
GATTGAAGCCGCTCCAGGCCTGCAGAACATCGCTGTCATCAACGGTCGCGCGGCG  
CTGTGGGGCGATGCGGTGCTCGCGCTGGTTC

>CONTIG\_4\_length\_21339\_cov\_15.209693

GCGCCTGTAACCCGGGAATTCCAAGGAAAGTGCAGAAATGGCGGAAGATCCGA  
AGATCCAAACGCGACTCTCCGGACCGACGCGACATCCCGCACTCTCAGGCCCTGTTA  
TTCAGACCTTCCCTAAGAAATCACTAACCAAGCATTCTTCAACCCGGCCAGGGTT  
CGTCCTGACTCTTCTTGTAGAAAAAACCTCAAGCCGTCAAGGGTATCAGTGTG  
AGCACCCCGTGCCACAGCTGAAAAAGATTCAAGCCACGTCGCGCTCGCGTTCC

TTCTTCGCACACGCGCCCTGCCCTCCCCGAGCTCTGGCCACCGGGATTGAAGCG  
GGATTTCGGCCTCCTGTTCTTGACGTGCGGCAGCGGTCGCGCTCGAACGCCG  
GAATGTCAAAAAAGCCATGACCTCTCAGCTGGCTCGCGCGGAACAGGCAT  
TTGGGGTCTCGAAAGGGCCTGCATCCAGGACTGCAGGTAGGCCCATGCTGTTCC  
TCGTGCTCCTGCCAAGCCATGCCAGGCAGCTCGGAGATGAAGAGGCTGGAAAG  
TTCGGCCACCAGTCTTGTCCAGTGCAGAGCTCATGCAACACAGGGTGGCTTGA  
TCCAACCGGTGTTGGCTCCTGTCAGTGCAGAGCTCATGCAACACAGGGTGGCTTGA  
TAGTTGATCTCGTCCGTAAACGCAGCCCCGTTTGGAAAGGTGAATCGAGTCGGCGACA  
AGGCTGTAAAAAGCTCGTTGCCCATCGTGGTGGAGCTGGCTGTGCTTGTTC  
AGCAACTCCCGCATTCTGTAGGTTACGAATGGAGTCAGGCATGACAAACGGCGACGG  
GGGTGGCAACCCTCGATCTGCGACCGCTTAAAAACACTTGCCACGAAGACGTTGG  
GCCCTTGTATGCCTGTCTGCCCTCCATCACGGCGCTTGCGCGCTCTGGGG  
CTTGCCGGTTTGGAGAAATCCCAGTAGGCGATCTGCTGGCCCACCTCCCTCGCG  
CACCTGTCCGCCAACAGCCAGCGCTGCTTACGTCAGCCAACGGCTGTCCTCGTA  
GCCGTTGACCAGCTGCGCCCCCTCTCAGGATCAGCGTGTGAGCCGCGATAAGGCTT  
GCCAGTGCTCGGGTTGTATGGCCCGTGGATGCTGCCGTTATGCGGGGCGCTGGCGTC  
GTTCCAGGGCCGGCCAAGGAATGGTGCCTGCTGCATGAGGGCGAGCATGCGCT  
CGGCGGTGGCTGGATGAGATCGGAATACTGGACATGGGTGGTGCCTCAAATCTT  
TTCAACCGCCTGCGCCTCTTAAAACAGGTGGTTGGATGGTTAGAGCTCG  
ATGTGTAAGGTCAAGGACTTGCATGGAACAATGCCGCCGGACCAGCTGGCGAT  
CTCATCCTCGCTTCGAGCCCAAGGTGCCCTCTTCTAACTTCACATGGAAGCCG  
AAGGCCGATTGGATCAGCAGGTATTGCGGATCGGATTGGGGCCATCTGGCCCTCT  
AGGTCAAGCGCGGTGATGGCCTCTCGTAAAAGCGTCGTCGGGATGTTGGAGAT  
TGGCGATGGATGGAGGGGTTCCCTTCTGAGGGATACCCCTTGCAATACCTCAC  
CTGCGGCGGATGTAAGCCCCGAACCCACGTTAGTGTCAACCCAGGTTGGCGCTCG  
CCCTTTCTCTCGATCTGGCCTTCTGCTGGCGCGTGTCCGACTCCCTGCGGTC  
TTGCGCCTCCATGCAGCGCGTCTTGGCTGGCGCTCCCGTCAGCGCGTCGCTC  
GGCCTGGACCTGTCGTAGGGCGTGTGGTAAAGCCAAAAGGTGCTGGATGCGCTC  
GGCATCTCTGCAAAGTCTGCTCGTCTCGCCGTCAGCGGCCAGCGCCAC  
GTTCTGGCGTCATTGGCCGCTTGGCTGCTCAAACACTGGCTTGGCGGGCTTCTGG  
GGTCAGGGCCTCCAGCCACTTGAGCTCCTGCTTGTGCGCGTCCGCGTGGCTG  
CTCACCGTTCCAGCAGCAGAGGTAGCAGTCAAACGCTCGCCTTCCACGCGCCGATT  
CGACGGACGCCCGCAAGTGCCGGTCTCAGGCCACGGGTGAACGTACGCT  
GCGAGAGGATTCTCAGGTTCAAAGCCCTTCTCGCACAGGCCACATAGCGGG  
CGTGGATCGACTTGATGCTCTGCCACTGGTCGCTCCCGCAGCATTGCCAAACTGCA  
CTCGGTGGCATGGCCCATGCAGCGATGGAATGGCGCCGTGGATCACAGCCTGC  
TTGTAAGCCTGCGGGCTCCGGGAGCTCGTGGTGGCCATGAAGCGGCCGG  
CACGACTCGCGAGCGCCTCGAGCATCCAGTCAGGAACAACTGCCCTTCTTC  
CAGCAGCTTGTGAAGTCCGGGATGCGGTGTCGGCCGGATGACGTTGGCCA  
CTCCACGATGGAAAGGCGACGGCCACGCCCGGACTTGTGCGGAAAGAACGGCG

CGGCGTTGCTGCTGATGATCCACTTAGCCTGCTCTGGTAGTCAGGACCGAGAGGT  
GCTTCGATTGATGGCAATCCCCTGCCGCTGACGAGGGTTAACGTGCCCTCCTT  
CCACTTCTCGCATTCCACTTCATCGACCAGGATCAACTGGCTACCCAGAATGCCTC  
CAGCGCGAAGGTGTCGCTCAACGTGCCAGGTCCAGGCCAGGCGGCACTTGTTGAC  
GCCCTGCAACCACATCTGCCAACGTTGACTTGCCGCTCCGGCAGCTCCAAACCACCA  
TGCAGGCAGTTGATACGAGCCGGCAGCAGGGCATGCCGATTGTCCTGCACCAA  
GGCACGCACGCCCTCATCGGGCAACGCGTGGGCCAGGAACCTCCCCAGCAAGCTGT  
CCGAGGGCAGTGACTTGGGGGTGAGGCCTGCCGGCGTGGCGCCGTTCAATG  
GTCAGGGCGTGGGTATGCCATACCGCGGCTGGGGCAAGGGCTGGATGCCGTC  
GGCGGTGATTCCAGGTAAGCGTCCGCCAACGGGACCATGCCCGCTGGCTTCAA  
CTGCGGCAGCGGGCTTGCTGGCCAGTCGCGTGCAGGCAAGGCCAGCAACTGG  
CGGCGAGCTTGTGCTGGCTTGGCCGGAATGTTGGCATCGAGCCAGTCCGACGCCA  
GCCATGCCAGGCCCGGTGGACCAAGGACCAAGGACCAAGTGGTTCTCCAGCGTAG  
ACCAACGTGGACTGGGTGCAGATTGTCGCGGACGCTGGCCAGAGGTTACCGTC  
GAGCCCCAAGCGAAGATGGCTAGCAAACAGGAAATCCAGGCTTCCGGCGCAACT  
CCCCTTGTGAGCTGGCCTGTTGTGGCGATCCAGGGCCGGTGCCTCACCTCAG  
GTTGCGGGGTGAGTCAGCGCGGTTCTCCAGTGCTTTCGATGAGAAAAGACAC  
ATTGAGGGGTTGACGGCGGACGGATCTGGTCGAGATTGGTTCAGACATTGAGT  
TAGCTCCAACGAACCCCTGCCCTGCCAGGCAGGGTTTCGATTGTGGGTTAGGC  
GACTTGCGGCAAGCGTTGTCGAGGATGCGCCGAGCTTCACTGGAGAAATCCC  
CGAACGCTTGGCGTCGGCTTCAGCGTTCAATCAGCACCTGTTCCATTGGCATT  
GAACGGGGCCTTCGAATCGAGGACTGAGGGTTCTGCGACTGCATGGAATCTCC  
GTATTGCTTGTGTAATACATCCAAGAAAGCAGGTTCCGAACACGTCAAGGCCAAA  
GCGAAAAGAAAGTTTAGTGCTGGTTAAGTCTGCTGGTTCTGCTGGTTCTGCTTTCTT  
AAACCAGCACCCAAACCAGCAACTAAAAACACTTCAAGTGAATTGATATTATTATT  
TTGTTCAAAAAATAAGCTAACTGCTGGTTGCTGATTAAAAAAATAGCTTACGCA  
CGCACTGCGTCTCACGAGAGAGTTGATACTTCACTGCTGGTTCTGCTGGTTCTGCT  
AGAAGAAATTGAAAAATAACCAGCAAACCCAGCAGAAGCTGAAAAGCTTGTCC  
CGTAAGGCTTAGCTGCTGGTTAGCTGCTGGTTATGATTGAGCGTTAACAGCA  
GAGGCAGCTAACAGCAGGAAACGCTAACAAACATGGATAACGGATGGATTCTTCCG  
TATGGTTTGCCAATGAGTGGCTGGTAATAAGCGCCTGTCACTGCGGGAGAAACAA  
AAGAAAAAGCAGCTAAAGCAAAAGCGTCCGGAAGAGAAAGGCCATGCCCTCGG  
CTTTTCTCCAGACGCTGTGCTTACTCACCGTGGCGGCCGCTGCAGGCCGGCC  
ACCACGCCACGCCAGCATGTCCAGATAACCGCCGGATCTGCCCTCGCTAAC  
GCCAGCGAAGCCGGCTGCCGCCCTCCCCATAAGCCACGAACACCGGGCCGCA  
GGCGCGCGTCCCAGGTGTTCCGCTGACGGCAAAACTCAGCCTCCCCGCTG  
GAACACGATGGCGCTGTCGGCAGGGTGGTGAGCACGTGGCTGGTAACCAAGCCG  
TGTCACTCCGGAAAACACCAGCGCGATGCCACGCCGGGTGGTGAGCCAGCTTC  
TGCATCCAGGCTGCTGCCCGACCGAATGGTGGTTCATGAAAACCAGAGCAGC  
TTCAGGCCAAGCGTTGCCAAGCGTCATCGCTGGCCTGAGCATCACGCTCGCAGT

CGGCCAGGGCATGCCCTTCGGGGGTGCAAGGATCAAAGCAAAGGGCCCCAGCC  
CGGTGTGGCCTGCGCGGGATTGCCAGATCAGCTCCGGCGCGTGAGCCACGTG  
TCCGTGGTCTGCGCTGCCGGCAGGCAGTCGAACGACCATGGCGGACCGAGCTT  
GGTTGCCGTGGGAGGAGGTGTTCTGCAGGGCCTGGCAGCGACAGGGCGTTGT  
GATCAGCGAGGACGTTGCAGCATTATCGTAAATCTCCGGTTTGATTGGTGGTT  
GGGCAAAGCTCCGCCAGCACGGCTGGCTGCCGTCGAAAGGGTGGGGTT  
GGGCCAGGTTGGCCCGGACTACTTCAGCGTGTCAAGGCCATCAGTCGTTGGCGCG  
TCCTAGACGTCAAGGAAGCGCTCCAGGGTGGCGATCTGCAGGGTGAGAACCTGGT  
GGCCTGCAGGCCGTATGTCCCCGCAGGCCACCATGACCGACTGGCAGTGCCTG  
AATCGACCTGGCCAAGGCCTGCCAGCGCTCGGCAGGACGTCGGCAAGGCC  
CGAGGCGTCAGCGCGCCGGTGGTGACGAGCGGCGGGTGTGAGCTGGAGGAT  
GATCGGGAGCATGTCGGCGATCCGTGTTGGTGAGGAATAGCATCCCCCGAACCG  
CCGATCGCGTCTGGCAGAAAGGGACAGCTGCCCTTGCGTACGACGGCACAA  
AAAAGCCCCGGACGTGAGCCAGGGCTGGGATAGGTGACCTGGCGTCGGCGAA  
GCCGGCGCCTCCCTGCCTTCTCCCCTCCGCTTCAGCGCGAGCAGCCGCC  
ACATTGCTCCAGCGATGCCCTACTTCAAAACCGAAACGGTGGCCGCTCGATGG  
AGGCCCTGCGGGCGAAGGGTACGTCAAGATCGCGCCGACCTCACTCACT  
GCATCTCCAACGCTGCCCTCTCGATCCATTGCTCCACCAACGCTTGAGGCGTC  
CTGGGCATCCGCTTGTGTCCTCCAGTGAGAGATGGGAATCACGTTCTGGACACG  
CTGCAAGCGTTCTGGATCTCACTTTATGCCTCCAGCGCTCTGTGATTGGCTC  
ACCCACTCATTTGAGTGTCAAGTCAGGTCGCCAAGGCAACTAAAGCGTCGGCCAGT  
GTGGCCTGCTGAAGCATCACGATCCCTCGGCTATCTTCCCGCAGAGCGCCGCTTC  
GCTCGGAACAAATCCAGGAGGGCTCACGCTCCCGCCTCCATCCGCCAGGTT  
AGCGACGAAACCCCTCCCTCGATCAACGTGATGTTGACCTTGCCCTCTTAAGGACC  
TTGAATCGCGCGCTGGAGGCATTGGGGCCTCCGTCTAGCACCTCGCCATCTTCT  
CGGCTTCCCGCCACCGTCGGACACGGGGTGGCATCGGCCATTCCAGCAACCG  
AGATATGGGAACGGCGGTGTGCGTGCCTCGTACCAACAGGGGACCCGTCGGAC  
TGTCGCTCTGGCCAACTCGCGGAATGCCTCTCGATAAGGTTAAGCAGCCCCGCC  
CTTCTCGGGACGTCGAAGGCCCTCGACTCGCTCGACGCGCGCTCCGGCTAGAGG  
CCACCGCGTGCCTGGTACAGCGACTGCTCTTCTCCACATCCGCTTAGGCGCG  
CCCATGACACGCCCTGCCGCTCATGAACCTCAGGGTCCGGAGGCGTAGGTCTCGC  
GGTAACGCTCGATCAGTTGACGAGGACTTCTGCTTGAATCAAGAGACATGTGG  
CTTGCCACCAAGAGGAAACCTGATGGTAGGCGATCAGAACCGGAACGGCTGCGCG  
TGCTCTGGCGCCGTGGCGGCCAGCCTGCTCCAGCCCTCTAGCGCGGTCTT  
GGTTGCGTGCCTGGTCCCGAGCGCCCTGGAAGGCAGCTAGCGCGTCTCATGGCGT  
CATCGAAGGGATCGCGCCCTCGACACTGATCCACGGCTCCAGCAAGCGTCAGCC  
AAGATCGCTCCAGACCTCGCCGTATCCAACGCCCTGGTCCCGCTTCCACCGGC  
AGGAGGTGCGCGTCCCCACCACTCGCGCTCTGCCGCACCCATGGTTGGGCTCG  
GCGAAGACATCGCTGGCGCGAGGATCAGCGCAGCCTGCTGCTGCGTGGGTATT  
CAAGAAACCCAGCACCTCGCGCCAGAACCGCGATCGATTGATGGGTGGCCATCGCGA

GGGAAAGGGACGTATGTCGCCAGGCCATGGACTTGGTCCATGGGAACCGT  
CCGCCCTGCGGGAACGATGGGGTTGCCCGGGTACCGTGTCTGTGGCAAC  
GGCTGGGATAGCCAACCCAGCAGTATTGCGTCCACCAAGCCGTCCAGCGCATC  
GGCAAGTGCCTCACCGCACCAACCAACTGCCACCGAGCTGCGCAGACCTGGAA  
CGATGACGCCAGCGCAAGCTGTTCTGGTTGTCATAACCGCCGCCCGTCT  
TATTGAGAACACCGGCCACGTCTGACCGACAAAAGCGGCTGTCGGGAACATT  
ACGCGCAGGATGGCAGCATTCCGTCATAGGCAGGGAAAATGATGGGAAAAAAG  
ATCCCTGAAATCCCTGTTTCCCAGGATAGGGTTGGTCACATGAAAAAGGGCT  
GGACGGAAAACCGCCAACCCCTGATCTTACTGCATTTGTTAGCTTATTTGGTG  
CCGGAAATAGGAATCGAACCTACGACCTACGCATTACGAATGCGAACGATTCTCAT  
ATTAGTCAAGTAAAACAATGACTTATTGACACCAGGGAAAATTGGGAAATT  
GAGGCATTGCAACGGATGCGGGATAGAGCATGGCACGACCCAAGAAAGCGGTCGC  
ACCAAGGGGTCTACGACCGGGTTGGCTGGCAGGTGAAGATCAAGCGCAAGGA  
CGCGGCTGGCAATCTGCACACCATCAACCGCACCTCCCTACAGCGAACGACCCG  
AGCCAAGGCTCTGGCTCAAGCTGAGGCCTCGCGCGAGCGCGCTGCCCTAC  
ATGAAGAAAAGCAGCCGCCCTCCAGCCTCTGGCAACCAAGACCTGGCGCCTGG  
ATTGACCGCTACATACTAGAGGTCTGCCCTCTCAAAAAGGGGGATGGGATGC  
CCGGCTGTTGCGTAGTAAAGGAGCGCTTCCGCCACTGCGGAAACCCGTCGG  
CAGGCTCCAGCCCCAAGACTCGATCTGTCAGACGGAGGCATGCCACTCCTACA  
AGAGGACTATCACCTGCCCTGCCACCATACCCGCAACCTGCCATGCTCTCCAG  
CGTTTCAACACTGCTGCCAGGGTTGGCGCTTAAGATCGACAACCCATCCGTGT  
CGCACTCAAGCCCTCAGTTAGCAACGAGCGAGAGCGAGTGGTACGGACAAGGAAT  
GGGCGCCGTCTGGCTTCTTGCCTGCCACCGAGCCATGCGCCCTGCCACCCGAGCCGATCG  
CTTCTGCGTTGGACCAGGGCCGACGAGGCAGCGATCAAGCTCGTTGGGAG  
AATTGAGCTTGACAAGAAATCTCCGAGGCCACCTCCGAGATACCAAGAATCCC  
AAGGGTGGAAAGGCCGTCAACCGAACCATCTTCTGACGCCGAAGCTGCTCCGTT  
TTGGACGTCCTGACGAAGGAGCTCACGAAGCCAAGTTGCAGAGCGAGGGCCTCCC  
ACCTGCCCAAGACGCCCTCGATGCGCCAGCTCTGGTTACGTGTTAGCCTGG  
CGAAGGCAAGACGTCGATAGCGCGGACAGTGTCAACCAAGCCTGGGTCGGGCTT  
GCGAGGCTGCTGGGTACGGAGGCCACGCTGCACGATCTCGTCACACCCGGATT  
ACGGAGCTGGCAAACCTGCTGCCATCCATCAAGTCATGAAGATCTCAGGTATAA  
GACGCCGAAATGCTGACCGTTATTACAATCCGACATGCAAGAACTGGGTGAGA  
TTTCGAAGTAACCAGAGCTGCCCGAAAAAGCCCAGCGAGACTACGTCAACAAG  
ACCTCTAGGAAGACCGGTGACTCGTTTACATGCTATGAACCTAACGAGCC  
CGGGTTCTTCCCTCCCCGTCACTAAGCCCCAGGCTCCGGCGTCTGACCTCCT  
CCCTCAGGAAGCTGGAAACCCATTCTGGGGCTTTCTTCCGCTTGTGCGCTT  
TCCTAAAAATCCAATACCCCTGAAAGCATCCACATCTTCTGGGAGGAAAGCCAATG  
AAACCCCGAGCAAATTTCCCGCTCAGCGGCCATCGCTTAATGGCGGTGGCC  
GGTTGTTCAACTATCAAACCCACCCCTCTAATCCAACGCCACCTCTGGGTTGG  
ACAACCCCAAAGCAACACGGCCCCGTTACCGTCTTTCATCCAAAGCAAGAGCGA

GTCTGGAAAGGGGCTTCGCCCTCGTTGGGGAAAAGGTAGAACCGCCTGGCCA  
ATTGGCAGCAGAGGGTTGAAGTGCAGGCCGGTGGAGGGTATCGAAGCCCAGAGC  
GCCAAGCGGTTTGATGGCGTCGGCCAGCGCGTCACGAGTGTGGGCTGGTCCT  
CTTGTACAACACTACGGCCTGGCGTTGGACGCAGCGTTTGACGGGAGGCCA  
GCTGGAACCTGGAAGATCCACACGTATGGCCGGTACTTGCCTCGGGAGCTGT  
CAGAAATCGTGGGTTGAACGGGGCGATGGACCAGCCCCAAGGACTACCG  
CACGTGGAACGAAAGACCAATGCAGGCAAGCAAAGTGGGCTATGCCAGGGCG  
AAAGCCTCCCACTTCGAAGTGGCGACGAGGGACCCCTTCGTATCTGATTGCCG  
AGCTCTGGCGCCAGCTGGTGCCTCCGGCACGGATTGGCGTGCCTGGGCTGGG  
GAAGTAAAAGCCTTGGCATGGAATTGGACCACGCCTGCTCGGGTTGTCTGGCAA  
CCTTCCTAAAAACTCAAAAAATATCAGCTGATCATCTTGCCTGCAAATGAAATCGCCT  
GCTATGGATTAAAGTATCAATCCATAACTCGGGAGGGTTCCATGTCTTATGCCGTC  
GTTCCATTAAACCGCGGTGGTCAGCGCTGCTTGTGCGTCTCCACTGCATGCGCA  
AACCGCCACTAACAGCACTGAAACCCCCCTACTTCAGTCCAACGGTCTGCCGACAG  
CTCCGATGCGGCCAGCCAACGGGCCAGGGACGTGGCGTGGTCCGAACGCTC  
GGGCAAACCTCCGCCGATTGAGCGCTGCGACGCCATTGGCTCGGAAGCTAGTGCC  
CAAGGCAGGGCTACCCCTGGCTGTTGGCACGCAATCGTGGCCGAAGGCACCTACTC  
TTCTGCCGTGGCGCGCAAGCGCGGCCACGCAAGGCGACAAGCTTGGTGCAG  
GCTCCAAGGCCACAGGCTATGTCAGCGCGCCGTAGGACAAGGCGCAAGCCACT  
GGAACCGCCGAAACCGCAGTGGCAACAAACGCTCAGGCGCAACAAGACTACGCGA  
CGGCCTGGGTCGGCGACTGTCGAGGCACGAACGCTACGGGGTTGGCACGTT  
GCGTCGGCGAACGGCAACCTTCTGCCCTGGCTACGGCGCAAAGGCGTCGA  
GGTCCGATCGGTTGCGATGGCTACGGGAGGCCAGCGCTCAAGGTTGTGCG  
CCCTGGCTCTCTAGCCGGTGGCAGCGATGAAGTCAGCGTGGCTCCACTT  
ATGAGGGCGGGAGCCAGAGCACCCGCCGGTCACCAATCTCGAGCAGGGACGTCG  
GACACGGATGCGGCAAACCTGGCCAGGTGAGGACAGCGGTTCAATCCCTGGCGG  
GGCGCTACCTCGTAACGCAACTCGTGGCCGGTCTACCAAGTTCCGAGCG  
TGCGACTCACCAAACGGTTGGCTCAGCGCTCGATGATCTGATGGCGAGTC  
TATTGAACAAACCCGGGTAGCGGCTCTGGCACTCCGGCCACGCGCGCAGACG  
GTCTGAGCGCTTACGAGGTCGCGTTGACCAACGGTTCCAAGGCAACGAAAGCGAT  
TGGCTGGCGAGCCTGAAGGGCGAGTCCGGCGCAGGGGCCGGCAACGATG  
GCGTGGACGGAACCGCAGGCACCGGTTCCGGCTCGGTGGCAAGGCGGAAAAAC  
GTTGAGATCACCACCAACCGGGACAGCACCCAGACCGTTCGGTAGCGACAA  
GCAGCTGCGACACCGGATCGGTGAGCGTCGGCGACCGACGGTCAACGCCAAG  
GCGTCTTATTCAAGGGGTCCTCGGTACCAACTCGGGGGTCAATGCCGCAATC  
AACCGCTGACCAACGTTCAAGCAGGCCGGTCAGCGTGGCTCGACGGACGCG  
AACGGCGGCCACTCTGGGACGCGCAGCAAGCCTGGAACGACCGATGGACCGATAC  
CGACCGCCGCGTGCACCAAGGACCGTCGACATCAATCGTGGAGCACAGCTCG  
GCGCAATGAGCCAAATGGCGACAGCTGCAGCGAGAACGGCGCACGGCGTGGG  
CCAAGTCAACCTAACATGGCGTGGCTCTGGGGCGAGGCGCAGTGA

TTGGCTGGGGGCCGTATCTCGAGCGCACAGCGTTCTGCCGGCCTATCCTTCG  
GCTCCGGAAACAAGCCGGTGGCCGGCTCGGGGTGAGCATCAACCTGGACGCTAA  
ACGATTGCGTGGTGGAAAAAGGAGGTGATCGTATCTCGCAAGGGCCCTCGGGGC  
CCTTGTTCGTTGAGCCCCTGACGAACCCGGATTCTCTTATGGGTATGTAGGTATA  
CCCATTGATGGATGACCGTTGGCCTGGAAACGCAACCAGAAAATACTCGCCCCGAC  
CCGGCATCTCTACGGCCTGTTTCAACAACGGCTGTTGCTACGTCGGTCAAACCGT  
GGACTTGAGGCAAAGAGAGCAACAGCACCGGAGCACCCGCGGGGCTGGCAAGGC  
AAGTCGTTCACCTTGCTCCACTTCCAGCATGACTGGCACGCAAGCCGACGCGGAG  
CTGCACGAATACCGCGTGGCGCTACAAGGCCTTCAAGGGTGGCGCATTACGC  
CAAGCCGCCGGGCATCCTCATCCGCAACCCGCACGTGGACATCGTGGCAATGA  
AGCGCCTTGCTGCGAGTTACACCTGGCCTGGCAACGCCCGGCCGCGACCGTCGG  
CCGTCACGACCTCTGCGAGCGGTGTCGCCCTGCTCAAATCCGACTCAAATGGCTCT  
TCCTCTGCCCAATGTTCTTAATGCTCGTTGCTGGCGTCGCTGACGCTTAAAGC  
ACCAAGGGGTCGGGGCATCCGGGTGCCAGATGGGGGCGACCAGACAGCTCTAG  
GGACTTGCGGACTGATTGGCGCGAAGTAGGATCTCAGGTAGGCGCCCGAAGC  
TTTGGACCGCTGAAAAAGGCAGCAGTTGAGACATGTAGTTCCGCTTTGATCTTCC  
TATCCTGCCGGCATGCCGGCTGCTCGATAGGCGACAAAAGGTCCAGCGCACCGAG  
CAGTTACGAGAGCATAGGATGAAATCCTTATTAGTCTGCCGCTTGGCGCTTCC  
CAGACCATGTCTCACGCCGGCACCGCGATTAAGCGTCCCACCTCGTGGAGGTGATC  
TCGGCCATGTTGGGCTACCGAAGCTTGGCGACTTGCCTGCAAGAGGGGACATG  
GCTCTAGACAATCACTTGGCGACGCAGAGCTTACGTGCTAACATGCCGTTGGCC  
GAGGACCGTGCAGAACAAAGCTTGGGTGCCGAGTCCCTGGATGCGTGTAAAGGCCGC  
CGTCGTGTCACCTTCCCCGTTCCCGTCTATGACGGCATCGATGAGTTCTGGGATAG  
CCACGCACGCGAGCTGCTGAAGGGAAATCGCAGATGGCGAAAACACGGCCGCC  
GCCATGGCCGGTTGCAATGCAGCTTCCCCGACTCCCCGACCTGAAACGCCAGAA  
GACACTGGCGATCTGTGGCGAGCACTGATAGGTGGGCCATCGAGGCGACTGGCAC  
CATGAGTGGAGAGTATGACCCCTGACGGTGACCGCATGTTCAACGGCCACACGTTGG  
AGGTCTGGGTGAGCTCTCCTACATAAAGGCGGGTCGATCCGGCTGATTTTGAAG  
AAAGCAAGGAGGACGCAGCGTTAGACGACGACTGGCGTGTGACGATTCTGACGAT  
CTAGACGTGCAGTTGCCGAGCGTATGAAAGGGACGCCTGACCGTTCACACCAG  
CTTGGCCGTGAAGGGCCAAGCTGGCTTTCGAGTTGCACTGGCATTGGCTGTAA  
CGTCGTCAACGACCATGCTCTGCTGGAGTGTGCGCTCGAGTGCCATGGCTACA  
GGCAACGCCGTGACGCGCTGGCGCTGCCAGATCCAATACCTCCAGCAAACG  
GTGCGCCTGCGCTCGTCAGTCATTGCACGGCGTGTCCCTGCCCTTGTG  
TCGTGGAATAGCGCATCGAGCTGCTTGAAGCACCCGACCTGTGCCCGGGACGC  
TGGGCTGGCGGAATGGCCGCCGGCGCTCCTGACGCCGGCGTCAAGCACGGTTGC  
CTTCAATCGCTCCAAGCCCAACCGGGTATTGAGCTGCTCACGTCGTAGGTCCC  
GTAGAGCTTGTAGGTCCCCCTCGTGAAGCCGGTAAAGGCTACCAGCGATGACGCGTT  
GTCCATCATCCCCAAGTCATGAGATGGAACACCTCGCGCTTCCCTGCCCTGGCT  
CTTGTGGACCGTCACCGCGTAATCGTGGACCAGCGCTTGTGCTGGCGTGTCCA

GACGACCTTACGCCCGTTCTTTGAGTTTCCGAGCGCAGGGTGCCCACGATATC  
GTAACCCTGACCGCGAAGGCTTGATCGACTGAATGGTGGCTGGTGCCTGAC  
CACCCCCAGGTCTTCTTCGCCGTAAACATACCCGATCCCCTGCACCAAGGGA  
TAGGTCAAATTGCGACCGTTGTAGCGTCCTCAACCGTCACCTCCTCCGCGCCAAT  
CTCACCGCGCTCCTCAGCCCCTGCGTATCCGGCATTGAGCGCGCTCACCTCGC  
TCGGCTGTGGGCCAGCACCAGCTGTCGAGCTCGCCGGATTCTGAAGTAATC  
GGCCACCAGCCGCTCGATGCTCTCCTCGCAGCTCGGCCTACGATGGAATTAG  
CAGCATCGTTTGGAGCTCGTCGCCCTCTAGAGTTCCGACGGCTGCGCGTGCCT  
TTCTCAGATCGATGATCTCGCGGTGCTCGTCTTGGCTAAAACGCCATGCCAGC  
TCTCGGTCTTCCACCCCTCGCCTGACGACGGATCTGGTCAGCTCACGTGCCACT  
GCTTGCTTGGTGGAGCTGGAAGCCTGAGCCGGCGCCGATGGGCTGCAGCTGCTCAGC  
GTCGCCTTGGAGAAATGACTTGGCATTCGCTTCAGCATGAATCAGTAAAGCCTG  
CGTGTCTTGGTGTCCACCATCCGGCCTCGTCAACGACCAAGCACGTCGTTGGGCTG  
GAGTTCTCGCTTGGCCTCTGCAAGATCATGGAGCATCTGGGCCATGAAACGCTTGG  
CATACCGCTCTCCGACTCGAGCTTGGCGGCCTGTCGACACGCACACCCCTAA  
GAGCACCATGCCCTCCGATTCTAGGGCTTGTAGAGCTGGAGATCGTGGTCTT  
TCCCGTGCCTGCTAACCGCTCAAATTAGCCACACCTCCACTGTTGAGGCAGATGTG  
GTCCACGGCCACCCGCTGCTCTGCAACAGTTGGAAGCCCTTGGCCTCTCGTAGTC  
CGCAAGGACACGCTCACGGTCTCCGGCTGGCGTGGTGTGGTCTCCTCGCCCG  
GCGATTGGCGATGTCCACGACCGACCGCTGGCTCCAGCATCCAAGGAGCGCAGA  
AGCGATCTCTCTGTGCTGAGCGAGCGAGCGTGGCCCCCGGTCTCTCGGCAAGGC  
GCTCGGATTGACCAGCACCAAGCCGTTGTCCGTTGAAGTCTCAATGAGGGCTT  
CGAGCCCTCCGCATCCACCTTACCGCGTATTCCATCCCCAGCACCGCACCAAGAT  
CGATGCGTTGAACACCGCTTCGTTGATGCAACAGTTCCAGCAGCTCCGTGCG  
TCTTGTGCTCCACCGTGTCCAGATTGCCCTGAGCAAGCTCAACGTCTGTGCTTAC  
GTTGAAGTCTTAAGCGCCTTGTCCAATGCTCCACAGCTCTGGTAGGTGGGCTC  
ATCCTTGTGTTTGCCTGGCCTTGTGCTGCTGCTGCTGACGCCATGCTGCTCC  
GCGTATTGAGCAACGCCCTCCGGCGCTGCTGAAGGCGTCGATCACCTTGGTCC  
ACGCCGGCCAGACGAACGAAGGTGCGGGTGGTCTCCGGCCCTATCGTCCAGTCC  
CGGATGTGCTCAACCGGTAACCCAGCGCCTGCAGGTTCTGTAGAGCTCCAGCTG  
TAAACCTCATCTACCGAGCGTGCATTGCCAGATTCCACCGCATCAAAGGTGGAT  
TCCTGCCGTCTGCCAAATGCCACCCATACACCAAGTGATGGGTGTGCAGGTCC  
ATGTCTAACGTACGTCCGGCGAAGTGTGGTGGCTGGACCACACCAAGCCCTCACG  
CCGATCACGTCTCCGCCCTCCCTGCCCGTCTCCACTGGCTTCCAAGCGCC  
TCATGCCAACGCCGTAGCGCCTGGTGGCTTGCAGGATGGCATCGCGTCTCCG  
GCGTGCCAGGGGAAGGCAATTCCACGTCTTGGAGCGGAGATGGTACGTCA  
TACCCACCCGTGACCACCAACCACCGTCTCAGGCTGGCCGTGTCATCCGAA  
AGTGGATTGCCGTGCTTGTCCACCTCGATTGACCTTGCCTGCCCTCTGCCGGATTCT  
GGCAAAGGCCCTCCCGTCAATGGTCAAACCCCTGCCAGCTCGTCATGCGCT  
CGCGCGTCACCGCCGAAGCCTGAAGGTTGAGGTGAGGCCCATCTTGCCGCCCCAT

GCCATGGCCTCTCGCATGGCATCCTGTTGAGGTAACTCGGTGGCCATCAGG  
TATTGACCACGGCTGCCGGACTTGCTGCCTGCGCGGTTAATGGCGTC  
ACGTTGATCATACGGCCTCCCTTACTGGTGTCCCTCATGCATAGAAAAAAGCA  
AGAATGGCAATGGGAATCGGAGGCAGGGATGATCTATTCTCATTGAGGACACC  
GACGAGCTGGTCAAGATTGGTCAAGGAAAGACATCGAACCGCCGTAAAATCT  
ACAGACCGCAATCATCGCAAGCTGTTGCTGGCTGGATCCGACCGACGACG  
ACGTCCGGTGGAGAGGGAGATCCACGAACACTTGAAGGTTGGCGAGGGTCGCGC  
GAGTGGTCGACCTGAACCAGCCGACGTGCTCCGTCCGTCCCATTGGCATC  
GATGGCTCGTTGAAACCACTGACGATCCGTTGCACTGACGGCTACGATCGCGAT  
GGCGTCCCCAATACATGGCGTATGGAAGTGGGGCGATCTCGAGCATGAGGAATG  
CTGCCATTCTCGGCTCCTCTCGGGACTGCACCTCCAGGACCGTCGAGCATGTA  
TCACTGCATCAACTGCGGCACCTTGACGTCGTTGACTTCTCCCACCAAGAGGAAGA  
GGACGAAGAAGGCCCCCTGATGCCGGTCAATTCTGAAGATGGCTCCAGCTCGT  
TGCTGACGGCGCGCAGCTCGCGATGCAACGCCCGCCCCCTCAGTCGGCGTGG  
CTTGGTCTCGGGTCACTTGAGCACACGCTGGATGTCTGCAGCGCTCTCCGATTGG  
GCTTGGCATGGCTCTGCTCCACTGGCTGGGCCCCCTGCTTGCCACTGGCCCG  
CTTCTGCCCTCCGACCTTCGGATAGCTCACCCCCGGCCAGTCCAGCAGGAGCAA  
GTCTCCGGTCTGTAACGATGGCACGGATGCCAGCGCTGGGGCGTAGGCCTT  
GCCCTGCGAAAGCCAAGATGTCAGTGAGGCGTCCGGCCACGATGGCCTTGG  
ATTCTCGTGAATCGTGGCTCTCATCGTGGTGCACGCCACGGTGTGCTTGC  
CCAGGTTCTGAAATCTCTCCCGTCTCGCCACCTGTAGTTGGCAGATAATGT  
GTGTGCCAACCAACCCAGAAAAAGCTTGGCAGTCTGCGCCAGTCCAGTGGCTTCAA  
CCTGGCTCCAGTCCTGAACCGCCATGGCTGCAACCACGCCCTTGCTCGGCCAGGG  
CTAGCAGGGCTCGATGTTGAGGCTGCCGGCAGAGGTCAACTCATCAAAGAAAAAG  
CCCATGAAGCGACCGGATTGCGTCCGGCAGGCTGGCCGATGATCTCCGGCACC  
GTGACATTGATCATGGCGGAGATGTAAGTGCACGCCAGGACTTCATCCGGCCGGA  
TTGAACGATGACCTGTTGCGCCGGTGTAGTCGTCGCGATCCAATCCAGCATGGA  
GAACATGCGATCTGGTTGCGCTCCGGCAGGCAAGCGCCAAGCGCTCGATGATCG  
CTGTTCCGTTCGCGACACATGCCATCACACTGCTCGTGCCTGACGTTAG  
AAATCAAGACAGCGCGCGGGGTAAGCGATAGAGAGCGCGGCGTGCATGGTTATC  
GCGTCTCGTGCAGTCGATCTGCCAGTTCGCTCCACCCCATGCCCTGCTCGT  
CCTGAAGCTCTGGACGCAGCCTCAACGATTGCCAGGCGAGACGCCAGAAC  
GCTCCTGCCCTCTCGGCCGGATGATGGTTGCGCAAGGCAGCGGCTTGAGTA  
ACGGTTGCCACATCGCGGCCACATCCCAGATCCAGCTGCGCTTGTGAAAGGGCA  
GACGATGGCCGGCGAGCAAAGATCGACGTGAAGTCGCCCTGATGTCGAAATAA  
ATGCTTCTGTCGAGCCGACCAACTGCTCAAGCAGGTGCTGAGGATGACGCTCT  
TGCCCGAGCCCACGCTTGTAAAGGAACATGTCGCGGCAACAGCTTCTGGAG  
ACCATCCAGTCGGGTGCAGCGACAAGGCATGCACCTCGTCTTGTGCTCTTCTG  
GTGAGCGAACGCCGGCGAGCTCAGCCAGCGCTTGTGCCCTGGAGCAGTTGCGCC  
CCAGAACATGCCAAGTGGATCGGGAAATCAGGCCGACCGTCACCCAGGC

AGCCGCCGAGCAAGCCACTCCAGCCCGATGCCACCCGGGCCAGGGTTCCGACCG  
TCGCCTGCTCGCGTGCAGGTCCCACCAAGCTGCGGCTGGCTCACGCAGGGACATG  
GTGGCCGTGGCGCGTTGACCAGCGCTGCGACGCTACCAAGTGAGCGCCTGGCTGTA  
GGTCATAAGGGAGTGGCTGCTGGTCACCTGCCAGCCAAGCCATAACGCCGGCTGGGT  
AGGTCAAGCGCCGCAACGAAGGCCAGACAGAAGTGCCTGGGCCAGTAGCGCAC  
GTCCGTGCTTGGCGCGACGTGGCTGGGCCAGGACAGCAGTCATAGACCA  
ACGGTTGCTCACAGCCTTCTCCCTACCCGGTGGAGGTCACCAGGCTTGCAGCCCC  
TCGCGATCCAACGTCCCAGGATCCCGCCCGGCCATCAGCTCCAGGCATACGCC  
GCCCTGTTCCACTGCGCGGCCAGGTGAAGCGGAGCCTGGCGAAGTGGTTACCAA  
CGCGGGATCGGCCTGGACTTCCAGAACGCCAGAAGCAGATGGCGTATTGCCCTCG  
GCACGGCTTGGTGAAGCGGGCGGTGCCCCATGACGTCGGGTTGGTGGGTAGCG  
CCCAGAAACACGGCTCGTCCACCACCTCCGGCGCGTTAACGAGATGCCCTCCTCC  
AGCCAACGCTGGGTGGGACGTTGAGGGCAAGTCGGTCTGAAACGACAGTGCAGGA  
CGCTGCAATCTCTGCTTGTGGAATCGGGCCAGCTGCGGGCCGTGGCCTGAATGAG  
CCGTTGCTCCAACCTCCGCCGCTGTCCGGCTCCACCCGTAACGCTCCAGCACGTC  
TGCAGGAAAGCTGCGCACTGAGCGGCCAGGCCAGCGCAGTGGCTGGGCA  
CCAACGCCCCGCTGCCATATGAGCGTCCTCGTCCGGAGGGCCCTCAATGCC  
GATCGGCACCGTGCTCGAGCAAGCGCCGGACGATGGCGCCCTCACCTGCCGTGCG  
GCCAAGTGGATGGCATCAACCCACGGCATTGGGCAGTCGGATCGCGCCCAT  
GCCCAAGCACCGTCCACCGCGGCCAGGTTCCCAGCGTGGCGTTTCGCAAAGCCA  
GGTCTGCCACGGCGCCCCGAACAGCCAAAGTGCTGGCGGTGCTGAAAAGCAGCAG  
CCAGCACCTCGCTCCCGTGCATCGTGGTCAGCGCGCAGCGTGGGTCTGGATGAGGT  
ATTGCTCGGTGACCTTGGCTTGGCTCTGGACTTCGTTAGCGCTGAAGCAGCCGG  
CGATGTCCAGGGTGGTAGAGATAACGAAGGGAGCTCAGGCTGGCCCTATGCC  
CGAACCGCTGAGCTCGGTGCGGTTGGCCTGAACCTGATTGATCGATTGCCGGAGC  
TCCGACAGCAGTTGGCGCGTTGGTGTGAGTAGATTGATGTAAGCATGGGCAAT  
ACCGGGTGCTGTAAAGCTCTCTGTTGAACGCCCTGCTCGAGCGCTGCCGGATCGGTG  
ACGTGGATAAGTGCTACGGATGCACCTTCCATAACTCCAAATCCATCCCCCGGAA  
CGGTTGCTCGATCGAATGACCCAGTCGAAACCCGCCGGTGTGAGGTATCCAAGCCT  
GCCACCTGGTTTCGCGGCAGAACTTTCGCCAAGGCGAGCGCCTGCCAAGCATCA  
GCGGTGGCGAGTGTGCTCGTGGTGTGCTGCCGTAGAACCGGGCCAGGGTCAGCGGGT  
AAGGATGGGTGGAGCAACGACTCATGGGACGATTGAAAAAAATGCCCGGCTCA  
GGTTGCTGATTGTTGATGTGGGTTCCATCCCCATTGATACCCTTTTCAGTT  
TGGCAATCAGCTACAAATCTGATCCTCTAGGCCATGCCGATTAGAAGTCCTGCC  
AAGGAAAAACAAACGATGTGATATCCATTGCTCCAAGTTCTCCGGAGCCAGG  
CCATCATGCAAGCCAACCTCGCACGTTGGCGACCACGTTAGCTACCCACGGAAAATC  
CGCCCGCGTGAGCAACAGATTCCCACGTTATCCACGGAATATTGTAAGCATCAG  
CGAAAATACAAAGGACCTCCCCGGTTGTGTTGTAAACCCAGTCACACACA  
AATGCACACATTGGCAAGCGAAAAATGCGAAATTCCGCCAGTTCTGTTAGT  
CAACTCGTTGGTTGTGCTGATGAGATGGGCTTGTAGCAGCCGGAGAGAGCGTCT

GCCAGGGAATAACCGTGGTGCAGCGCATACGCCCTCAGGGCTCGCGCACTCGGG  
CTCCACCCGTGCATTGAGCACTCGGGTCGTTGGGCCTGGCAAATCGCTGGGTT  
GTTGTTGTCATTGTTCAGCATCGTCCGCTTCCCTTGCAAAACCCCCCACCTG  
CTGCTGCTTGAGCCGCTTGACGTTGCTTATGGTAGATCGGACCACATGAT  
TCGACGCTGCATAACAAAAGGGCCCCAAGAGGCCCTGTGGGAAGCGTCCGTCTT  
CACTGACGGAAGACGTTGGCTGGCGCTCGCATCCTGCTGCCAGTCGAATTG  
TTCTCGTATTGCGCATCTTCCTGCTCGGCCCTTGCGGTGGCAGCAAAGGTGGCAA  
ACCCGAACCTGCCATGCCGTATTGGGCACGTCAGCCTGCGTCCCCCACCTGCT  
CCTGCTCGGCCTCTGACGGTCTCCGCCACTCGTCCACCCGCATCATCGCGTCTC  
AACCGCTCCATCTACGTGATACGCCAGGGTTCTAGACATCTCAAGGCCATGGAA  
AATAGTCGATTGGAGGTGTCTATGAGCAGCAAGCGATATACGGATGAGTTCAAGA  
TCGAGGCGGTCCGGCAAGTGAUTGACTGATCGT

>CONTIG\_5\_length\_20523\_cov\_169.692587

CCACCGGACACAAGTCATGAAACTCGCAGACCTAACATAGCAATTGTGCTGGGCC  
CTGTGCTTAACCAAGCGGTTAGCGAGAGCGTCTCCGGCCTGGGTAGCGTCC  
AAACCGCTCAAGCCGCTGCCAGCGCAATTGAGAACGCTTGCAGCGCCGCCGGC  
GTGGAGGTAGACGCATGAACGCCATCCTCTCGAAGCTCAACTGTCGAGCCTCCGC  
GTAACCAGCGCGTCTACGTGGTGCACGCCCTGGTGTACTGTACCCGGCATGCG  
TACTGCGCGACGTGGCTAACGACCGTTACCGATGCACGCCCTCGGCCCGTGGAA  
GCCTCTGGCCGCGAATGGGATCACGGCCGGCGATGTGGACCGCCTGTCCGACGA  
GATGGACCTGTGGGATCACGCACGTCTCAAGGAGATGGCCCGCACGCTGTGGTGA  
CTGCCGGCGCGAGTCCACCGGCTCGAGGTGTGGTCATGGTCAACGTGGAC  
GCACCGCCGGACTGGATCGGCCCGCAGCGATGGTCGCGCGCGAGCTGATGCA  
CTTCCC GTTCCGCCATCGTTACTTAGTGACACACAGCAAACAGTCGCGTAACG  
TAGTCGCAAATCATACTGAGATCCGCCATGTCTAGCACTGCCGTGCCGGCAATACC  
GCAACATCGCCCACCGACTACTACACCAAGCCCTAGAGACGTGGACGTTAACGA  
GCTGTCGGACGTGATCGCTTGCAAGAGACGCCGAGCTGCTGGCACGAGCTACG  
GCAACGTGCGATGCTGCCCTGGCTAACGCCCGTATGGTCGAGCGCATAACAG  
GTGCTGCAAGGAGCACGTGCGCGCAACGAAACGCTGTACCGCAACGCGATGGTGA  
GATGCGCAGCCTGGCGCTTCGTCGCAAATCCAACCCACAGGAAACAAACCG  
CATGAAAATCGTATTGAACAGCATGGACGAAGTGATCGACTTCGTCCGCCGCTGC  
ACCCCGCCCTCGCAATGGCAGGGCACGCCGACACCGCAGCTGCCCGCAG  
GAAGACTTCACGCCCGAGTTACTGAGTATGCGGATGCACCAAAGGCGACCGTCAG  
AATGGTCGACTTGGCGGCTTACAGCTGCCGGTTGTACCCGCAGCCGACGAACCCGA  
CGGCCTGCCACAAGACATCCAGTCGCCCGTGGACCTACCGATA CGGTAAGCACTG  
TGCAGGTCGACAACCCCTGTCGACCGTCTGGCCCGCTGGGACGAGCGCATCGAT  
TCGAGCAGCAAAGAAGTCACGGCAAGGGCTGTGGCGCGCTGGCGAACGTGCC  
GGACGATGTGCGCCGCGAGTGCAGCCAACTGAGTGCACAGCCGACCGCGT  
CGAGCGAGGACGCAGAGCCGCTGGTTACCGAGACGCACGCTTGCCAGTCGAAGAG  
CCGGAAGCCGCGGTGGCGCCGATACCGAAGTCGAGGATTACCCGAAGCTCGCA

ACCGCAGGTGTTGTGCCATTGATTCCGTAGACTACGCCGCCTGATTGCCCGAG  
CCAGGAAGCCCGTGGACGCCCTCGGACAGCCACGCTGGCTGGAGGTGTGCA  
AAGGGTTATCAGTGCCTACGGTCACGCCGGCTTCGCCAACTGCGCAAGCACGTCG  
CACCGAAGGATGATGCCAGCGTAAGTCGATTAGGAATTACGCCGTCCGAGCGC  
CGCCTGCTGCAGGCAGTCATTGCTAACTACCTGCAGTCGCTAACATTACGTATA  
CAGCGGCCTAGGCCTCCGGCTTCCGCCAACCTAGGAGGCGACCAGCAGCGGTG  
TTGCCTCGCAAGAAATAACACCTGCAGTAGTTGCACCGGAGCCTCGGGCGCACAC  
CCC GG GT GT GAA ACT ACCGGACAAGGCCAACTAGTGC CCGGAGC GATA CCCTCCG  
GGAATAACCAACAGGCACCGTGATTACAGCACCCTCTGTGCGCTATTGAGTT  
AGCTCTACGGCTGGGAAGAAAAGACCACCTTGCAGGTGGTCTTCATTCTGCG  
CTACGCCAGCTACGCCAGCAAGAGAGTTCTAGGAGGCGGCAGGCACCGCA  
AGCACGCCAGGCATGCAGAAAGTCGAGATGGCGCTACCGGCTCGGGCCTCTA  
TCCGCTCGCTGATACAACAAACCGCTTCCGGGTTTGTGTTGCGTCTGCA  
AGTCGCTTAGATA CGGCTAATTCCATCCGCTCAAACATGAAGGTCACAACGCCAGC  
TTGCAAAATTGCTGAGCTGATGGGCCTTGTACGACTGGATGCCGCCGTTAATCAA  
CTTGTAGCGCTTACCGGTAGACGGCAGCGTAACGGTAGTTGACCTCGGGGATTC  
GCGATTCGCTTGCAGAAATTGATACGCATCCTCAAACCGTCCAGGCCGCGCTATC  
GCCCTGCAGGGTCAACGTGAAGCGAACGGGTTGTGCACGTAGCCGCCGACATCT  
TACCGTCGACGCCATACAAACTCGACGTTCTACGGCATCGTCTCGAAGACAT  
TGTCCGCCGCATATCCGGTCAGACGGACCGGCTCGGACTGCTCGATAGTCA  
TGGTAGCGGGAGTTGGCAGCGTCAGTAGCTGCCATGGTGCGCCCTCTTACA  
GGACAGTGGTAGAAACAACCGGTAGCTCTGGATGCTGCCACATCGCAGTACAC  
AGATTCACTACGGGGAGCCGCGGCCGGTACCGTCACTGATTGAGCGGGGGGA  
TACCAAGCAAGTACCAAGCGACCGTCGACACTTCGTTGCGATGATCCGGCCGGCTG  
CGTGTGATCACCGCAGCTGACTCGGCACAGGGCCACACCGGTGCGGATCACAC  
CATTGGCCAGCGCCTGGCGATCGTGGCCTGTGCGCCCTGGTAGATCGCAGCAAAC  
CCGTCCGAGTTGTACGGCAAGGTGTTGAGGCCAACAGGGTCTCGAACAGCGACTG  
GCGCAGCGTGCAGCGAACCGAGATCTGGCCGAGGTAGGTGTCGGCCAGTTGAAC  
GGCCGCTGACCTTACCGTCGTACATGATCGTAGCTATTGCCGGCGCTCGTCAA  
GACCGTAGTAGGTGAGTTGGTCAGCGCCCTGGCCAGCGTGTGCG  
CACTGATGCCGGTGCAGCTGCGATCTGGCGAACGCCAACGGTGTGCGCCCTCG  
GTCAGCAGGAAGTTGGTGCAGCGCCCCAACCGAGCACGCCCTGCCAACGCCAG  
CCCGCCGTAGACCGGAATGGTGCCTGGTAGCCGGCTGCGAACAGACCTGCGCGCCGA  
AGCTCGACCGTTGCTGGTCACGATGTCGGCCCGTCCAAGCCCCACGGCGCGTAC  
AGGTATTGCAAGTTGCCTCGCTGCTGTTCCAGGCCAAAGGCCAACAGATGCC  
AGGCTGCCGCCAACACGGTGGAGAAGATGCCCAAGTTACCGAGAGCGAGCGCAC  
GCCGGTCACTGCCGACGCCGGGTGTCAGCATCGACGCCCTGCGAGCCTGCGAGGTACG  
CGCCCGAGGCAGGGACTGGACAGGCCGACGCCGTTGGCGAGCGTACCGAGTCACCGCAGAC  
ACGACGGCGCTCGCCGTGCGCCGTGGTCAGCACGAAGCGATTGCGCTGCGT  
GTCGTAGGTGATGACGAAGTTGGTGTGGTAAGCCGGCGTCAACTCGCCGCTGC

GTCAGCGAACGAAGTCGGTCGACAGGTTGATGGCTGCCGAGGTGCGCTGCGTGT  
CTGTGGTCACGATCAGCGTGCCGGTCAATGCCTGCAGCTGCGACAGCGTCAGGGCC  
AGCGGCCGCCGTAGACTGCCGCCAGCGCGTTGCGTAGCGTGCAGATT  
GAGCGAGCTGGGAGCTGCCGCCAAGTACACCGCGAAGTAAACGGCCGCA  
GCCGCATACTCGCCGAGGTGCTGCCGAAGAACGAGGCGACGTCTGCGGACGAGTA  
GAACGTCTGCAGCAGTCCGGAGCGACGGCGGTGACTGCGTGAGCAGCATGCCGT  
CCAGAGAGGATTGCACACCACCGGCACTAACAAACGCGCCGGCACCTGACGATT  
TGGGAAATTGGGATGCTATTCACCGGGTAGCTCCTAGGATGACCGTGCTATGGTA  
GCTGGTCGGCGACGATGAGGAAATCGAAAACGACATCGGTGAAGTACTCTGACCG  
AACGTAACACGTGGTTACTTGGCCGAACAGTCGAAGCATGAAACGTTGCTCGAAC  
TGGCCTCGCTGTTAACGATGTTAGCTGCTGCCGCGTCGGCATAGAGCGCGTC  
AGCGCACCGCTGACCATATTCTGACGCCACATTGACCGCCAAGCCGTTGAGAG  
GATTGAGGCACGATCCGGTCCGAGCTGCCGTAGCAATCGACTTGGTAGCTGTAGGT  
GATGTGGCGCTTCGACCTGCGTCTCGAGCTGCCGTCAGCGCGCTCCCGGT  
GTCTTGGTCGCGCTTGATCCCTGGCGAGATCACCAACGTACGACCCCTGCGCGCGC  
GACTAGGTTCTGGAATCCCTGACGATCTGATCGGTGTCGTCGCCAGATCGAGCGC  
GGTCGCGATCCAGCGAACAGTCGTCGAACGTCGGTCTCGAGCTGCCGAGCTTGGT  
CGCGCAACCATTAGGGCGCTCTGCGATCGGACGGAGCCGTTGAGTGCGGC  
GACCAGCGCGTCGACGGTCGCCCGTTGAGCTGCCGTCACCGCACGACGACC  
AGCCGCTCCACCACTCTAACATCGTGTATGCCCAACCACTGCCGCTTCAGCG  
TGCCGAGGTTGACCAAGTCGCCCTGGCGTTGGCCGGGCGATGCCGAGAAG  
TTGCCATAGGCGTAGATGGTCGACATGCCGCCGGTGTAGCCAACCCGTTGAGGTGG  
TAGAGCTTCTGCGTGCACCGCTGCACCTGCAAGCGCGTCGCCGGCAGCACCGC  
GAACGTCGGCGTCTTGATGCCCGCAGCGTCACGGAGCCCCTGACACATAGACGG  
TGCCAGGGGTATCAGGTTGACCGTCTGGATTGCCGCCGCGAACCCAGTGCCTGC  
TAAGCGCCATCGAGCACCTGCCATAGCTGCCCTTCGCCACCGCGAGTCG  
ATCGAGTTGGTCAGGTGGTCGTCGGATCAAGCCGTGGTAAACCCCTCACGCC  
GCCCAATCTCGCTATTGCGGCCGCAATCGGGATCGTCTGGATGTCCTCG  
CCCATGCGCAAGCCGATCGTGCACCGCAGTCAGCGGATGCCGCCGTTGAGC  
ATGGTCGTCAGGCCCGTGCCTGCCAGCCGGCCGTTAGCCGGAACGTCGACTGC  
GAACGGCGCGGGTGATTTGCCGTGCCAAACTCTAGCGCCTGCGATCGCTGC  
AACCGGCATACGCCCGCGCATCGACGACCTGCTGCCGTGCGCTGATCGGTGA  
GGTGCCTCGGGATAGGTCGACCGAGCGACGCCGCTTACCGACGCCGG  
GGAACAGCTCGCGGGTGTTCGGGGATCTTGAGGCCGAGCGGTAGACCTTGCTC  
ATACGCCGTTGGAGTCCCCTGTTCTGGAGAGGATTGCTGCCGCCGAGTACA  
GCCGACGATTCGCGAACGCGTGCAGTAGCCGACACCCGAATGCCGATGCCACA  
TAGCGGAACGACCGAACGGTGCAGAACAGCATCCAGGCCATCGCGCCGACTGCGT  
TTGGTTCCACCACGCAGCGCCGTCGCTCATGGCACGCCATGTCAAACGAGGACG  
AGACCGAGCCCTCAGTCGCACTGACAAGCGGCCACGACGCCGGACGGCCGGAG  
TTACTAGACCCGACGATGCCGTTGCCGCTAGCGTCAGCAGGTGTGCGACGATCAA

CGAGAAGATGCCGAGCGTCGATCACCGTCTACGATGATCGACCGTCGGTGTGTC  
AATGTAGCCGGTTGCCGCCGTGAACAGGATCTGTAGGCAGCCTCGGGACGTCCA  
CGAATTCCGGAAACGCCTCTTAAACCGCACTGGATCGAACATATCACGACGGCCATA  
GCGGCTCCTGATTACTCTGTCGGCGGGCGCGTCTCGATCTGGCCGGCAAT  
TTCTCCGGGTCAAGTGCTTCGAAACCAGTCTGGTCGGGCCGCGTCTCGCCTCC  
TTCACGGCGTCCTGGCCTGGTGGTCGAACACCGCACCGACTTGAACCAGCGC  
GACTGGCTGTAGAACGGATGATTGACGACCCAATCCCACGCCTCGGCCGGCACGCC  
GGACGTCAGGCCGTGCTTCGTACTCTTCATCATCTTGAGGGCCACTCGTCGTTG  
CTGCCCTGATCATCAGCACGCCGCCGGAACGCCCGAACGCCCTCGAACGCGCAG  
GCCAGCCGGAGTCGACAAGCGACAGTCACGGTGCCGCCGATCGGAGGGCTGAT  
TACTGGAATTGCGAGGACGTGCCATGTGTGGCCTAGAACGTTGAGGTTCGCGTGATC  
ATACACGGTTGCGCGTTGTGCGCAGGTGTTGACAAGTCGTAACAGACGCGTTACTG  
TGGCCGCGCACACCCACCATAGAGCAGACATGCTAACTACCGATTGATACTTAAA  
GCCCGGCAGCATTCGAGACAACGCCCTCGCGCATCGCGAACGAGTCGACCG  
CCCGCGTCGGTCAATGACCTAACGCTTACGTAGAGGATTGCGAAATACGCGCTAT  
GCAGCACATCTTAGGAAAGTGGGACCACACGTTAACGGTTGACAGTACGCCACAT  
GGATACAGACCGCGCCTGCCACCGCTACTCCCTAATTCCACACCACAGAGCAG  
ACAGCCATGAGTGACATTACGACCAAGCCAGTGACCTCGAACGAAATGATGCGCGA  
CATTGCGCTGCGCACGGCGCGCTGCCCTGCCCGCATCGTGCAGTGTGACA  
TTGCGAGGAATATCCGGCAGCCACGACGACACCCGGCATGATGGCGCGCTATTGCG  
CGCGCTGTGCGAACGAGCTGGACTGACGTTGTAATGCACTACTAACACGAGTACG  
ACCCAAAAGCCGCAGCGTGGCTGCGCAACTGATAGCCGCCGGAGATTCCCGCT  
GGCGATGTTGACACCCGAGTATCGAGGACGTTAACCAAATGAGCTACCGGATA  
CACTCAATGCCACTTCTGCCGGAATCGGTGGCTGCCACTCGCGCTCCGACTGGC  
AGGAGTCCCTGAGTCAACCAGACTCTGGACTGGCAGCTGCCCTGCCAACCTTCAG  
CGCGGCAGGCAAAGGAACTGGGTTGCTGACGAGCGCACCTGTGGCCCGATTCT  
TCTGGCTCATCGACCAGTGCCGACCTCCAATCGTCTTGCGAGCAAGTTGCAAGCC  
GCGACGGCCTGCACTGGCTCGACCTGTATGCGCTGACTTGGAAAGGTGCGGCTACG  
CCGTTGGGGCGGCCGATCTGTGCGCTGCCCGCTGGCGCCACATCCGCCAG  
CGGCTCTACTGGGTGGCCCACCTCAACAGCAGCATTGGCCGACAAGGGAGTGAGAA  
CCTTCGAGGGCGGACTGCTGGAGGCGATGCGCAATCATGGCCGGACTTGGCAGCG  
GCAGCGTGCCTGGCGGGCTGCCGACGCCAATGCCGGGACGCCAGCACAGAAAG  
GCTACAACGCCAGGGAAACAACGACAGCAGCCAAAACAGTGGACGTGCAA  
GGTGGATGCCGATCCGCTACACGGCTTCTGGCAGGTGCTGACTGGCTCGGATGC  
CGGGATGGAAAGCTCCGCCAGTTGAACCCGGATCACAGCGTGGTTGATGGGGT  
ACCCGCCCGTGGCAGCGCTCGTGGTACGGAATGCGATTGTGCCGGCGTTGC  
GGCGACCTTCATTGAAGCTGTGATCTAAAGAAAAGGCCCGCAAGCGGGCTTT  
TCGATCGGTGGTGTAAAAGCTAAACTCCGATGATCGAACCTACGCCAAGGCAG  
GTAGATCACCAGGCCGTAAGTGCCGGCGCTGTGCTCTGCCGATCGTGGAGTA  
CATCTCGATGCCGTGCGAGCGGTACTTCTCGCTGTAAGCCACTTCGCCGGCTG

GCCGTTGACTTCCGGAGCCCACAGCTGGACCAGACGACCGGTCGCGCTGTCGAAC  
CAGGAACCGCAACGAACTCGATCAGCGGGTAGGTCTGGCGAATCTTGGCGCCAGCC  
GACAGGCCGAAGCTGTTGGTGCCTGACGTCATTCACTGCGACGGAGGCCAGCGC  
CATGACGAGGCCTGACCGGTGATCAGACCGCCTGACTGGCGATCAGACGGC  
CGACCATGGCCACCACGTCGTTGCATGTCCTCCGGCTCGCGGTGCCCCAGTTGA  
CGGTCGAGCAACCGGCGGGCAGCGTCGGATCGTCATTAGGCCGTAGTTAGGT  
ATGCCAGGCCACGCCAACAAAGAACGAGCTGTTCTGGAACCTCGCCATGACGGTCGA  
CGAACGCACTCCAGGCGAGCCGCCAGTCGATACCCGCTCGCCCATGATGGCCA  
GCTGACGCTCGCCCCACTCGGTCCACGTCGTTAGATGTAGTTCTGCCGGCTCGAA  
AGTTGACGTTCGCATTGACATGCCGTTGCCGACCACTGCGCTGTAGGTTCCGACTT  
GACCAACCGGCTCGCGGTGATGAACACCGCGTACTGCGTGGTCCAGTCACCCCTT  
TGACGACGGGCAGGATCTTCTCTGCGGCCATCGGGGCGAGCTGGATGTCGATCACG  
CGGCGATCGACGTACATGCTCATCCATGCAGGGATGCCGGCGCTGCCGTGGTCTGC  
AGGGTTGGCGCAAGGCTGATGGCGTCTCGCGTATGCAAGAGGCTCCTGCGATACC  
GACTTGACGGTCTCAGGCAGCACGATAACGACCGACGCGTGCTAGGTCGGCGATGGTTG  
ACGTTCGTTACGGTCATAGTTCCCTGGTGGTGGCCGCTTACGCGCCGTTCTGCCG  
ATCATCACGGTCTGACCTGCAACGGCCGCTCGCTCAGAAGTTGAAACCGGTGTCG  
ATCGTGGTGCCGACACGGCCGCGGATGTTGATGGTGCCGCTGCCGGTCCCAG  
ATCACCGAACGCCACGCACCGGAGTGCCGGTACAGCCGAGGCACGGCGAAGA  
AATCACCGGTCGCAACAGCTCCACAGCCTGACCGGCCTGGATCTGCATCGAGTTT  
CGCCGAGCCACGTGGTGATCAGGGCCGCGCCATGTACCGGTGAATGAAGCCGATG  
CGGGTCGCAGGCCAGCAGCGGACGCCGCGGATAACCGGGGGTGTGACGCTGCAA  
GCCATCGCTGGCGATCAGGCCGAAGGTGCCGGCGTTGCAGATGTCAGCAGCTGCAA  
CCATCGCCTGGTTGAGGGTGCCGGAGACGACGAACCTGGCGGGATTGGTCACGCG  
AAGTCGCCAGGTACGCCAATGCCGGGTTGACAGAAACAGAGGTCTGAAAGGCAT  
TGCAGTTGCTCCGAATATTGGCCTTAUTGGCCGAGATTGCGAATACGCTTGGTGTC  
GAACGGCTTGGCGCGGTGTTGCTGTCGTTGGCCAATACGGTGCCTGCCGGTTGACT  
CAGGCCTGAATTGCCTGGTAGGTTGCCTGTCGGCACCGGCCGGATGGACGCTAC  
GTCCACGCCGCGCTGCTTGAGCGCCGACGGTAGATCTGACCGCGTGTCCATGGC  
AATCATGTCGCCAACGTCGCCGCGCAATTGCGCTTGGCGTCTCGACGCTCTGCGC  
GCGCAGGCGCTGGCCTTGACAGCGGCATCGACGACTGCCCTGCACGGTCTGCC  
CATGGCCGGCTTGTCTTCTCGCTTGTGTCATCTCGTCCGGATCTCATCCGAC  
GCGGTGGTACACTGGCCGGACGCCCTTCGGCACAGCGGCTGGAGTCTTCC  
TTGCCGCCTCGATGCCGTCAGGCAGGTCTCGATGGTTGAGCTGGAGGTCA  
AGCATGAGCGCCTGGCGACATCTGCGGAACCGGTAGGTGCAACGGCTGGGGTTTC  
GTTCGGGTCCACGTCAGTAGCTCAGTTGGGAATTGAGCGCGCTATCAGCGACATG  
CGCACCGGTGGCGCGCCCTTCGACAAGCGCTACATGATTGCCCTCGATATTGGT  
CATGCGCCCGTGGTAGCGTCGGCGTTGACTCGCCTGGCACATCTGCCGGGTGTA  
GCGGTAGGAGCTGGACAGGTGCCAACCTGCCGGATTGAATGACTCGATCGCTT  
CTTATCCCATACCAGCAGGTCTGCGATCAGCTGATCGTGGCGAAGCGCGCATTGCC

GACGCTGCCGCCGATGTACTCTTGCAGCGCTCGCGGGTTGGCGATGTGCCG  
AATCATCAACGGCAAGCCGTGAACGACGCAGCTCCACGGCGAGCTCTCGCGCCGGGG  
CGCGGTAGAGGTCGTAGACCGTGTGGCGTCCAGGGCGAGCTCTCGCGCCGGGG  
ATCTCTTGCCGTAGTACGGTTGACCTCGCGACAGAAATGACGCAGTCGCGGACG  
CGCATCCGGCGTCAGCGTCGAAGCTCGAGCGGATTCTGTGCAAAGCGAATGTC  
GCGTAGCCAATGTCATCGCGCGATGTTAGCAGGGTTCACGTTAGTGAAGTTG  
GTGTTGACAGTGAUTAGAAGTTACGTTATGGTCACGCGACCTAACCGAAGGAAC  
AGACGATGGACAACGAAACCTGGTGCAGACGATAGAAGCGCTAGAGGTAGCTGCA  
AACACGGTCAGCGCTGCTACACGCACCGCCCCGAAATTGCGTATGCGCTGCA  
AGAGCTGAAACGCAAGCCACAGCCGCGGTGAACCTGCACTCAGTACCGCAAGC  
GCTACCCGACATGGCCTGGAACGATCCGCCCAGAAACCCCTGACAACGACCCATGC  
GAAGTGGTCCCGCGTAGTTATTGACAGCCTCACGCTGATGCAAGCCTTCTGCGGC  
GGGGTGTCCAACGGCAACTTACGGCTCGTATGTGGCGAAATAGTACGCGAACG  
ACTGGACGCCGCGGACTTGCCATACCCGACCTAACGGTCGCAATCCGTTACTTC  
CGCCTAAACGCGCCAGGAAATCCGGAACTGGGATCAGATCATCTGGCCTAGCTC  
CTCGTCCAAGCCGGAAATGATCGAGCGGCTGCCAACGGCAGTTGATGGCTCGC  
CGGGCTTGACGAACCGAACTGATCACCGAAGTCGATGCCACCTGCGTGTGAAA  
ATCCACTCTCGGGCTCGCTTGGAGATGGTTAACGCGCGGATCTTGTGACCGTG  
CTGTGCTTCCAGTAGGCGTAGCTAATCCCTAACTCGCGCTGACGCGACTGTTCATC  
TGC CGCGTAGCTTATTGGATTGATCTCGCGCATCGCGCGCGCTGGTGGTC  
GTCTCGCCAGTAGCGCGCAGCTCGCTTGCATCGATTGAGGTGCGCGCCGGCGAG  
AAAGCCCGCGAGACGTCGCCCTCGATCTGGTAAGTACTGCTGCGGGATCGAGC  
GGATCAGCGCACGTTGCTCTGCACCTGACGTTGAGCACCGTGCCTGCGACCGG  
TCAGCTGCATCGGCACGTCAAAGCCTCGCGCTTGACGTTACTTGCCACGCC  
TGTCGCCCTGTAGGCAACCTCTACCACGTCCAGCGCGAGCTTCTGCCATGTC  
CGAAGTGCTTCTCCAGCGTTGCGCAAGCTGGTCAAGCTGGTGAACAGCGCACGG  
TATCCTCAAAAGCGAGGCGTCTCGGGCGCTCCGGATCGCGATCGTCCCG  
GCCTGGTTACCTCTAGCGCCTGGCGGTACTTGGCTTGCCTCAATATTGACGCT  
TGGCCATCGCGGGATGGACGTCTGTAGGCGGGACGGTATAGCTGTTAGCGG  
AGAGCCGGACCGATCACCGGAGCTGTTGGTTGCGCGTCGGCTGATCAGTTG  
CGGCTCATCGGTGGTTCTCGGGCTGTGGGTCAACGCTCGGTATCAGTTGCT  
GGCGATGTCGTTGACCTCGTCCAGCTCGCGGTGGACAACCGGCCGGAAATAGC  
CGCTGTTGGATCGCCAGCCAGTCGCTCCGACCATCTCGCCACTGATCACGCC  
TCTCGACGTACTTGGCATCGGTGTCGGCATTCTGCTGCGCACGCTGCCAGCT  
GTCGGTCAACTCGTAGAGCGGATTCCACTCCATGCTAGGCCGGGTCAGCTGACC  
GAACTCGGACAGCTGGACGATACTCAAGATCCACTCCATGAGTGGTCCGGTGTG  
CGACTGGTAGCCGGCGACGTAGTCGTACCAACACCGGGATCTGCCGTCGCT  
GTTCAATCCGGCCGGCGTGTGCCAGCAGCTGACCGCGTCCAGGCCGGACAGCG  
CTGACATTGTTCTGCACTGCCCTGAGCGCGTCCAGGCCGGACAGCGGTGTG  
TGATCTGTGCGAAGTCTCGGAGGTATGTCGACCGCGCCACGTTGCGGGTGTG

GGTTCAAGTTAACAGCATCAGTCGATCCTGCAGCGACTGCACGCCACCCGGCGCC  
AGCAGCTGCGCCATGTCCATCTTCAGATAGGTGATCGAGAACTGCTGACCGTGTGCG  
CTGACCGACTGGCGCGTGCAGCCAGTGACATAAGGCATGGCGAGCTGGGA  
GATCGACACACCGCGGAACGAATAGGCCGCTTGAGCATGTCGCCACCGGCCGGC  
TGATCATGGTAGAGGGCGAGGGCGCTGACGGTCTGGAGACCATGAGCCACTGC  
GACGGCTTATAGAAGTCGGCTCGTCGGTCGGTGTAGGCATTGGCGTG  
ACCCACATCGGCTCCACGCACCGAACGACTTAAGGCAGCCTTGCAGGATGAACGT  
TGGAGTCAGCAACAGCGCGCGTCGGCGGCCACTTCGACGCCACCGTCGACCAAGT  
GCGGGAACACGTGCGCGCCCGTACGCCTGGTGTGGATCACCGCGGTGCGGATG  
ACCGAGCGCACATTAGGCCTCGAGCTTCTGGGTGATCTGGGTGATCTCTCGGCC  
GCGCCTCTTCCTCGAGGTGCTAACGACCTGCCACGTGCGCACGACCTCGTCA  
GCCAGCGTCTCATGCATGGTCCGGTATTGGGCGAGCTGGGCCAGTAGGCCAGGGT  
CTGGAACCCCGGCCAGCCGGTGCCTCGACGAACGACAGCGCTCGCGCGATTGC  
GCCGAAGCTGTAGTCATGCCATGACTCGCTGCGCTGCGCTTCTTGTACT  
GTACCGGTCTGAATCCACCGCACGGCAGTCGCTAGGCTAACGAGGTCTGCTGTG  
CGCGCGCGGGATCGACGGCGCTCGAGCGAGGCTGCCCGCGATAGGAGATCTGC  
GCGGGCGCCGCTTAGCTGCGGCTTGACGGGTGCGACGTGCTGCTGGTTGGG  
ATCGAGCGCGCGTCATTGGTCAAGCTCGGAACAGTAGGCGCGATGTTACACGAA  
TGCATGCCGGTCAGCGAGCGCTGCCAACGCAAGATCTTAGTCACCAAGGAA  
CTGATGGATCACGTAGGCAAAGATGCTGCAAGGCGATGACCATAACATCACACC  
GTCGTGTTACGGGTATGGGAAAGCTGATGATCTCCGCCACGACCGGCTGATCAT  
CGGTACATCGTCCGGTGCAGGAGCATACCATCCGTTCCATACCCACGACAC  
CGCATGGCGCGCGACTCCTGCTGCCTGTAGTAGGCACTCCGACCAACCCGGGAAT  
GGACTTCCCAGCTGATCAATCAACGCAAGGCCGTTAGCTGCGTCTCGATCAGGAT  
CTTAGTGAACCGGGATAGGCGGCTTCAGCCCCGCAATCGCTGTGCGGTACGTGT  
AAAACCTAGTTCTCGCGCCGCATTGAGTAGGCCACACCGCGCGTCCGACTTTT  
ACCCCAAACCTCCGCAGCAACGTAGTCGGACGACTTCTTATCCTGAACGCTGCGTC  
CACCGACATCACGACCTGCACGAATTGCGTCGGCAGATCCTGCCGGCGATAGTAGC  
GCGTCCCTCGCGCCGAAGATCGCACCAAGCGAACCCAACGGGGCTGCTGGTAC  
ATTGCCGCCACCATTGCGATCCATATGCGCTTGAACCGCGCAGCTTCTTCTG  
ACTGCAGTTGGGTACTAGCGGGCTTCGGGTTGGTCGGGTTGGTATCCAACCTGGT  
CTTAAATTGAGGGCGACGAACAGGTCGTTGCCGACCGCGTACCGATTACGATCT  
TGTTATGCACGAAGGACAACAGGTCGTTGCCGACCGCGTACCGATTACGATCT  
GGCCAGACTTCTGCAACCGGGCTAAGTGCCTCGACAGCGCTTTATTGCGTCGCAATAAG  
CATCACGTCAATTGAGAACGCCGGTCATACCGCCTCCACGCCGTAGCCAGCACCTC  
CCCGCGTGGCACACTAAACCGGTCGGACGTGTTGATATGCCCGGAAGCCGATCA  
ACGAGGCCTCAGGAAAGACCGCTTGTACAGCGGTTCAAGCATGATGTTCTAGCAT  
CGCGCCATTGGCTTACGACGCGATAGCGCATAAGAGGCAAGCGCGATTGCG  
ATGCCCATCTCCGCCCCAACCGGCCGATCAGGTAGGGCGCAGGCAGCGACTAAT

CAGGGACGACTTACCATGCTCGGGCGGGCAGTCAACACCAAGACCAGGCCGCTTAC  
CGCGATCACGCTTCGACGAACCTGTCCACAGCTACAAGTGCAGCCGGAAAATT  
CCGAATGCTAAAACGCGTCGGTGGTCACAGTGACGAAGGCCGGAAGTTGGTT  
CGCGCCCTTCAATCAGCAGCTGAATTAGCTTGTCTGTATCTAGGCTGCCGTCCGCC  
ATCACAGCAGCCCTCGCTTAGCAAGGTCTTGAGCTGTTCCACAAGCGCGTCTTCT  
GCTCTGGGTAGGGACTCTGCATAACCGCCCCTTGGCTGACCTCTAGCACGGCCT  
TGTCAAACCCCAGGATTTGGTCAACTGGCGAAGGCTGGGTTTACCCCTGAAAC  
GGGGGACGAGCTGCCCTGCTTGAGCTCCACTGTTGACATGCCGGCGATGCCG  
GCGTCTGGATCGCGTCCATGTTGAGGACGAATGACTCGGCCGACCAACGCCGCG  
CACTCCGGACAGGTCGACTCCTGGCCTCGGTGCATACCGATCGTACCAACGCC  
TTGCAGGCTGGCACGCCACGAGCGCACCTTGACGACCTTGGACAGATCCAAGTT  
GACCAAGTCGATCAGATCGGCGACGAGCGAGGCCTTGATCGGCTGCAAGTCAATGG  
CGGCTGGATGGCGACATGCCCGAGTGTAGCGCACACGCAATTGATGTATG  
CGGCCATATTAGTTTCAGACGATACCATCTGTAACCAACCCAACAACCCCTCCTAT  
AGCGCTAAAACAAGGAAATATAAAGAATACAAAATATTCTTGTGACTTCTC  
CTTGTACTTTAGTTTACTTTAGCCTGTAACCGAGTACTCACACAGATTTAAC  
AATTGAGAGTGTGACAGAAGTAAAACGTTCCGCTACAGTCGATCCACATCCACAC  
GCAGGCCACATGATGACCACCCCTGGCTACGACACAAGATCCAATCGACCTGCC  
ATGGGCCACGATTGCCGACCAGACCTCTGCCGTTCGCGATGTCCAGCC  
GTAAACGTTGGGCGCCTCGCAGTCGCGACTGTCGGCCGTGCTCCACAGATCAAAACGCATT  
TCAGTGGCGATCGAGCGAGTCGCGGCCGAAGCGTCGAGGCACACAAGATGCC  
GAATGCGCCATCATTGACCGCTTCCCCGACGACCGAGCGTCAACCGTTCCGATC  
GCACCGCCGAAGGTTGGACGATTCGATTACACCCCTGAAGCGTGCAGTG  
GGTCGCAACAGTCATGAGCACCGGCAACCTATGTCGGCAATGCGCGCGCTAT  
TCGACGACTGCACCGGCCGACGACCGCACTGGTCGAGCACAAAGATGAAAGCCACT  
CGGCACGGGTCAAGATTTGCCGTGGCGACGTGATCCTTGGAACGCCCTGCC  
TCGCGCTAGTGGCGCGACTACAAGTACGGCCGAGTCGGCTGGCGTGGCAC  
GGCGACGAGCCGAACGAAACAGTGCCTGGCGATGTCCTCCTGCCGCG  
ACCTCGGCCAGACGCATGCCGAAGCAGCTGGGCTGTCGCTATCAGCCACGCG  
CACGCTACGGCGATGCGTGGAAAGCCGCTGGCGCCGCTCGATACGCACTGGCTGCC  
GCGCAGTCGGCTAACGCTGACGGCGAGCTGCGCGCTGTAGCAGACGCAAGCC  
TATGGCCGTGGTGGAGCTCCCAGCCCCGACCCCTGGCGACCAACTGCACTACTGCC  
TAGCGCGCTGGTGGCCCTGCCGTGGCGGGCTACGGTTCGACTGCACTGCAGGTG  
AGCAAGGAACTCGCACCGTCAGGATCTAACGCCAGCGAAGTGTGGCGTATGG  
TCGTCGCGCTGGCGTTCAAGCAGTCGAAGAGGACCTGCGCAGCGCGTCAAGAT  
CCTGCACGAGAAGTCCGACCCGTCGGTGCAGGTCCGTCGGCGACCGCAATCGGA  
TCTGGTCAAACCCAGCGCGACGGTCGAGGCCTGATGCTCGCCGATGGCCCGAC  
CTACTGCAGCCGCCAGCGTGGAGAAAGTCGCCGGTCTGGACAAAGACACCGT  
CGAGAGCCTGCTGACCGCGCACCGGACGTGCTGACCTACGTCGCTAGCGACGGCA  
AGCAACCTAGCCTAGCCCGAGTGCATTGCTAAGTACCTGACCGAAGGGAGTAAA

TGATGGACATCAAACAGCAGGCACGGATTGCTAGCGGCGGAGTATCGCAAGCAA  
GGCAAAGAAACCTGGGAAAAGGAATCGAGGAGCACGATCATTGCGAGTCCGATG  
AATGCGCATTGCGCGCTATCGCTGCCCTGCAGACTGCAAAGTTAACAAACGC  
GAAAAGGTTGCTAGCCGCATGATGGCGGCTGGCGGATAGCTTACCCAGAATTGC  
GCACACTCACCTAGCGGTGATGCATTGTTAGACGCCGACGCTCTTGATAGATT  
GGAGAAGACATCATGAGCCGCAGAGAATCTGCTATGAGCATTCTGAACAGCAAGC  
CAGAGAGTTACTGTCCGAGCATTACGACGCCGGCTACCAGCAACAGGCCGGAG  
CTCTGCATTGGCCTCATGTCTCAATTGACCGCGACCGTAGCCGAGTCGTAG  
AGGCCTGGTTCAACGGATACCAAGAGGGTTATGCGCTAGTGCCGATAGAATCTACCA  
GCGATATGGACTGGGCCCTACGGACATCGAAGTTGGTTATGCAACTTGGCCGGT  
AGTAGGGACTGCTGCACAACGGTGAAGCAAGGCCATTGGTCTGCGATGCTGCA  
GATCGGCCCTAAAGGACAGCCCTAACGCCCTACACCTCGACGAGATCGCACCTGGC  
GTGGTCGCTTACCTCGACACGCCATCTGCTGCCGACAGCCGGCTGGTGCAGT  
GGCACGCAGTTCTTCGCAGCGGCCATTCCGTGCGGGATGGTCGGCGCTGGTCGC  
ACGTTATGGTGGAGATGACCACCCATCCGGCAAGTGGAATCAGCGCTTGGATT  
CGGCCGGAATGGTCATGGCGGCACGCAGCTATGGCGCAGACGCCGAAGTTCC  
CAACAACCTGGCGAGCCGTTACGGTCGACGTGGCTTCGCCGACGCCCTCGCA  
CAGCGAATTAGCTCATGCGATGACCGGCCGCGATCGCAGACGAAGGCGTGG  
AGCTGGCGTTGATCAAATGGCAACCGAATCAGTTGACATTGTTCCGTAACCGT  
AAATAGTTGTTCGCTCCACCAACCCCGCAATGGCGATTAACTTCGAGAAATT  
TGAATATGGCACTCACCGATCATGTTGCAATCATCCTCTGCCTCGTGGACCAGC  
CTCGCGCCGGCAAGCCAACCCAAACAAGCCGATTCTACGTCCAAGCCCGTTC  
GAACCGTCTGCAGGATCGTCCCTGTTGTCCGCCATGAACGAAGCCAGCCCCACCGT  
AAGCTCAATGGTTGCGTTACAACGTCAAGACTAACGGCGCGCAGGACAAGCCCTT  
CGCCGGCATCCCTGACGATTATCTGATCGTCCGCCCTGGCACCGGGACTTCCC  
GCCGGAGCTGTTACCCAAACCGGGCAGCAGATCTCCGCTTGCCTGGTAAACCGCTC  
CCAGATGCCAGCGAGTTCTCGCCGGGCAGCGTGTGCGCGTCAACGGCTACGCC  
GCTACTGGACGCATGACTCCGGGCCAAGGGTGTGCGTGGAGCCTAACGGCGTG  
ATGTCGGTCGGCGGGTGAACGTCGCCCCGGCGCAGCTGCTGGTGGAGCCGAACGA  
GAGCGCGTTGCCAAGTACCGCGACAACGTTCCGGTCAAGCCGAGCACCTGCAG  
CCAGCGCTCAGGCCGAAGTGCCTCTGCCGCCAGCGCAACCCGTTCCAGCAGGCT  
GGCGCGGCCGCGTGGCTGATGCACGACCACACTCGGCCCCGAAAGGGCGAGTT  
CTTCAGGAGCAGACACGATGCGCAAGAAAATCCACATACAGAAAGCCGCAATATC  
GGACCGTATTGCGGCTTGAGTAAAGACGGCAAGAGAGCTGGTGTCTGCTAA  
TCGAACCGATGTGACCGCGAAGCCTGTGCAGCAGTCGCCAACACGCCGCTCGCAG  
GTGGCGCACGATTGAAGTCACAGCCAACGGAGTTGCGCATACGAGATAACCGTT  
CGAGCCGTGGAGTGACCGAAACTCGCACCCCTAACATGCCGTGGCCTCTAGCGTC  
AACCGTATCTGGCGGGCGTTCGGAGGCCGATCATTGCTTCCCTGTTGGCACGTAAC  
TACGCAAAGGCAGCGGCCAAGGCAGTGCCTGGCCACGTACAGCCGCCACTCAC  
GGGCCGGCTACTAGTGTGGCTACGATGTGCCACCGACGAAAATGGCCAAAGGTC

ACGCATGGACATCGCGAACCGTGAGAAGTGCTTGTGCGACGCCATGACAAAGCAA  
CGCGTCTGGCTCGACGACTCGCAGATCGACGCGATGGTCATCCTGCGGGCGAGCC  
CTGCGACAACGGCCGGTCGACGTGACGATCCACACCCTAGAACCTGGACGGCTCC  
CACTGTGAACGATGCTCTGGCCAACCTCTACGAAGCAATCGAGAAACACAAGCCAG  
CGCTACTAGGCACACTGCACCTAGGCACGCAGGGAAACGTCAGTCACAGTGCCTCG  
GTGCGTACGCTCGTCCGCTGGCCCCGCTACCGGCCACGGCGCCACTGCACACC  
TTCGAGACGGCGATTGACCGGGCGTGGTCGACTACGTCGCTCCGGCCAAAAGG  
TGATCTCGTCACGTCGATCCGACGGCGCAGTTCTGATTGAGCATTGACCAATT  
CACAGAAAGTCCCACAGCGAGTTCTTAATATTGTGCTAACGCTGGTCCGACG  
TAACTATCGCGCCTGGCGAAAGGCCATGACGACCATGTCTACCGAACAGTCGC  
CGTAGCGCTGGGATTCCCGCTGACATCGCTGTCGTTATTGAGCGGGCTGCGCTAC  
GTACGGCGTGACCTCGACGCTCGAAAAGGCCATCTACTAGCCCAGCTCGCGCACG  
AGTCCGGCAGCGCAAGTGGCTGGAAGAGCTGGCGAGCGGCAAGGCGTACGAAGG  
CCGCGAGGATCTGGGCAACACGCAACCTGGCGACGGCGTGCCTCAAAGGCCCG  
GCCTCATCCAATGCACTGGACGGCCAACACCCGAGATGTTGCCAAGCTGCCGATGCCGT  
CGATGCGCGTTCTGGTACTGGACCGT

>CONTIG\_6\_length\_20380\_cov\_52.160124

CTTGAGCAAGGCCCGATGGCGCAGGTGCTGCAGCGTTGATCGGCGTGGAGCGCA  
TCGAGGCCAGCGGTACCGGCTGGACCGTCGCAAACAAACGACTGCGTGGTGGAAACG  
CGCGGCATGGCCGACAATAGCGTCGACCTGATCGTACCTCTATCCGTTGCCAAC  
CACTACGAATAACAGCCGAGCTACAACGACTTCGGCACACCGACGACAACGCGCA  
CTTCTGGCGCAGATGGATCACCTCAGCACGAGCTGCTGCGGATCCTCAAGCCGG  
CCGCATCGCCGCCATCCACGTCAAAGACCGGATCCAGTTGGCGCGGTGACCGGCG  
CCGGCGTGGCGACCGTCAGCCGTTCCACGCCAGGGCGATCTTCACTACCGCTCGC  
ACGGCTTCGACTACATGGCCTGATCACGGCGTGACCGACGTGGTGCAGGGAGAAC  
AACCAAGACCTATCGCCTGGCTGGTCGGAGCAGTGCAAGGACGGCACGAAGATGGG  
CGTTGGATGCCCGAATACATCGTGTGCTGCACAAGCCGAGACTGATCGCAGCC  
GCGGCTATGCCGACGAGCCGGTGCCTAAGCAAAAAGCGGATTACACGCCGGCG  
TGGCAGGTCGATCGCATCGTTCTGGCGATCAAGCGGCCGCCAGCTGACCGC  
CGACGAGCTGGCGCAGCTGGCCGGACAAGCTGGCAAAGCTGTTACCGAGTACT  
CGCTGCGCGAGGTCTACGACTTCGAGACCCACGTGCGCATGGCGAGGAACGGAG  
GCGCGCGCGCGTGGCGACCTCATGTCGCTGGCGCTGGCAGCCACGACCCG  
GACGTGTGGCACGACGTCAACCGCATGCTGACGCTCAACGGCGAGCAGACACGGCG  
CGGCCTGGAAAACCACATCTGCCCGCTGCAGTTGACATCGTCGACCGACTGATCCA  
ACGCTTCAGCAATGCCGGAGCTGGTGGCGATCCGTTGGCGGGCTGTTACCGT  
GCCGTATCGGGCGCTGAAGCTGGCCAGGGCCGCCAGGCGAGCTGTCCACGT  
CCTATTTCATGGACGGGGTGAAGTACTTGCAGGCCGCTGAGCGCGAGATGTCCATGC  
CGGATCTGTCGCAACGATGGAACCGCAGGCCAGGCCAGGCCATGAAGCCCC

TGCTCTTCCCGCGAGCCGCCGGATGAAGCAGCCGCCAAGGATCTGCTCCGG  
CAGCAGCTGCCATGGCCGCCGACCACATCGAGCGGGTCACCGCTGAGAACACACGC  
ACTGCGGCCATCTGCGCAGAACCATCACACATGCCAGGGCCAGGCCAACAGC  
TTCGCGCTCGCTGGCAAACAGGAGAACGTAAAATCATGAGCACACCCCCGACCA  
CCACCCAGCGCTCTCCGGCTCGCGACGTGCTGAGCGCGTCGGCATGTCCAAGT  
CCACCCCTACAGCCGATCCGGACAAGACCTCCGCAGCCCTCCACCTGGCA  
CATCGTCGGCTGGTCAGTCGAGGTGCGCAGTGGATCAACCAGCAAATGCC  
CAGCGGGACAAGGCCGCTTGAGCTGGGGTATCTGTGGGGCATCTGCCGTGATG  
GGATAGGCCAACGCCCTTCACTCAACGCCATTACGGCGATCGCGTAGAGCCA  
CCTCCACCATTCTCACCTGCAAATCTAGCGTAAGTAGCTGATTTGCAAGGTTTCT  
GGTGATTACGACCCCTCAAACGATAACCCCTCAAGGTATCGTTGAGGTATCGTTT  
GCCCAAACCCCTTCTGTAAGCGCGCAGCGGGCTCTATGCCGCTTCTGGTGCC  
TATCGACCTCGTCCGCTACTTGGTGCCGCTTCTGGTGCGGCCCTGCCGGCC  
AGGCGACGCCGCCGGCTGGTCCGAGCCGCATGGCGGTGGACTATCGGAGTCCT  
TCAAGGCCTGCCGACAGGGACGGATGGTAACGACGACATCAAGGACATCTGCC  
CGGGTGCAGAGAACGGCATCAGGATTGACCATCCAGCAAGTGCCTCCCCAA  
TGGACTGACGCTCGCGCGTGGAAATCAACACGGCGAGGACCGCCGGCTTTCC  
GGCAGACTGTGCAAGATTGAACGCCCTGGCGGCCAAAGACCCGCTATGGCGGGC  
ATGCACGGCTGGAGCCCCCACAGCCCCCGACCGCTAACGCCCTGCCGGCC  
GCTGCTGCCGAGCGCATTGACGTCTACCTCAGCGACATGCCGAGGCCAGCGGG  
CCGTGCACGTGATGGACACCGAATACACGCTGCCCTGTCGCCCTGGCG  
GCGACAAGCCGATTGAAGAGGTACGCCACGGACGTGCCGGCTTCTGGATGCC  
CTGGCGGTCTACCCGCCAATGCGAGCAAGAAAGCCGTGTTCGCCTGACGCC  
CCTGGAAGTGGTCAAAAGGCCAAGGGCGGCCACCCACCCCTGCTGGAACGCA  
CCCAGGAAAAGCGCCCGACCACTGGCGCGTTCTCAATGCGCAAGCCGATGAA  
GCGCTCATCCGAAAGCCCCGACAAGGCCATCATGAACCGCTCCAAGTCCAAAAC  
CGATGCCCAACCGCGAACCCCTCACGGCCGAGAGCTGGCCGCTGTTGATTC  
CGAAGCCTTCCTGAGTGGCCAGCAAATACCCGACCGCTGGTCCGCTATCCT  
GGCGTGGCCACGGCGCGCATCAATGAGTGGCCAGCTTACGTCATGACG  
TGGCCGAGGTTGGGGCGTTGGGCATCCACATTGCCGCCAGCGACCGGACCAA  
CGGCTGAAGAACCGCATTCCCTCGCGTTCGCCCCCTGCGACACCCTGCCAG  
GCGGGGTTCATGGCGTTCGAGGACGTGAAGCGCGCCGGTTGAGCGCCTGTC  
CCGCACCTCAGCACACAGAGGCCGGCTACGGCGACACCCTGGCGACCGAGTT  
CCGCGCCTACGCCATCAAGCGGCCCTGACCGGCCCTGAAATCCTCATTGCTT  
CCGCCACAACATCGTGAGCAACCTGGTCAACGAGCGGGCATTGCCATCCAGGTGG  
TGCAGGAAATCACGGGCACGACCTGACCTTGCCTGGCGGCTCAAGCACTACGTC  
AATCCGGGACCATCCGAAGCGCTTGACGCGCTTAATCTCACGGGCCCTGTG  
GTTCTGCCGCCCTACGTTCCGGGCCAGTTGACCTAGCCTCAAACAGGTGCGTC  
ATTAGAGACGGCGGGAAAAGCGAGCACAGAACGTTGAACCGTGCACCCACGCC  
GGCGTGGAGAGCCAAACCTGTATTCCCTGGAAACGCCATGAAAAACCTTGCTGC

CCTTACGGTGCTCCTGACGGGCCTTACCGCTACAGCCGGCGCTGACAGCTTCACCGA  
GAACGAACACTCAATCCGTCAAGCTATCGTTAGACGGCAGTTATCGATACGAGCTGAC  
AGAGCTTCGTGCGCGAAGGAAGAGCGCGTCCAAAACGCTCTGACTCGGCCAGGC  
CGTCAGCTTTGGCGCTGGCTGAGCCAACATGTAATAAAATCACCCCAAGACCAAGT  
CTTTACTCGGTTACGGGTTCTCGTATGACGGCGGGGCTGTTACGAACGCACGG  
CGAAAGGCATCCGGTCTACCGCCCCGACACAGCGGAGCCAGCTAACCGCAACC  
GTCTTGCGCTTGCGCGACTCACGCAGTCCGAAACCTGCGCAGGACCTGAGGCT  
CTTCCCCCTATGACGCCGCACCGCTGGACTCCAAGCCCATTCTAGCGAAAAGCTC  
ATTGGGACGCTGATGAGTCAGCCTTATGCGCGCTGGCAGAACATTTCTTGTAG  
AATCAACCTGCTGTTCTGGACAGCAAGCTGCAAGTTGGTCGCGCAGATGCAGATG  
TCAGAGATGGATGGTGCGGATTCCCATTCTTCGATGGCAGGCCCTCCAGCAAGGC  
AGTCTTCTTACGGTCCAACGCTCCGATGGCACTTATAGCCAAGGATGCTATGAGCGA  
GTCACCGAAGGCATACCGTCCATTCTTCGGCAGTGCAGAACCTACGTATGCGC  
TGGAAAGTAGCTACCGGTGAAAGATGGCAGTGGAGCGTGATGCTTGGTCTACGAG  
CGCCCGATATGCTTGCAGTAACAGAAAAGCACTCATGCGTTGCCTCTCAGAGCC  
TAAAGCTTGCTAAAGCTCCCTGCTTTGCCCTCGCTCTGGGCTCCGGGCTCCGGGG  
CCCCTCCAGCCGAAGGGCAAAGTCTCCCTACCGCTGACTAAAAAAGCGGTGGG  
GTGACTTGGCCCGTGCCTAGTCCGTGACGGCGACCCCCAGCACTCAGGGCGTGGT  
GATTCTCTGCTCTGCACCAACTACGACAGGTTACCGCAGCAACCGGCCGGTCCGG  
GTCCTGTCAACCAAGGTTCTTGGCGTCTCCGGTGTGCTTACTTTCCGTGCC  
CAGGCGCGTTTCTGGGCTCTCCTAGCAACAAACCAATTGTAACGGGACCGCG  
AATGGGAGACGCTGCTGGGCCAGATTGAGCACTCCCCAGTTACCATGACATCTG  
CGTTACCTGGCTGGCGAGTTCACCCCCCTCGCTTACTGCCTGCGCACCCGGTG  
ACGGTCAGTCCAAGCCGCAATGGCTCCGGAAACCGTGCACCCAACTCAAT  
GGGTCGTCGTATACGGCTACCAACGGCCTCGGGCTGGCAGATTGGGGCGAG  
GAAAGGGAGGGGGCTTGCAGTCCAGGCTTGTAGAGTGGCCTCAAGGGCA  
CCGCCTGGCATGTCGTAGCTGCACTACCTGCTCGCCTCCGAGTCGGTCAAAC  
GGGGGCCGTGAATCCAAACTAAGACGCCCTCGGCTTGTCAAGCCGGGGCGTTT  
CGGCTTGGAAAGGCAGATTAGGAAGCACGACCATCCACCAGGAGCGCGTTGAAGGCT  
TCGCCTATTGCCTCTGTCTGGATTGCTCCAGAGCAGCTGGATGTGGTTAT  
GGAGCTCCTCTCATCCCCCGTCAGGAACGCTGAAGCGATTTCAGGCGCTGT  
GGAGGCGGCTCGTCTGAGAGAGCGCAACGCCAAGCGGTTGCGGTCTCTGCCA  
AATAGGTCTGCTTTTGAGGAACGTGAGGGAAAGTTCTACTTGACTTCATAGGCT  
TTGCCTGCAAAACTCGCCTGAGCGCCTGGCTGTCATCAGATTAGGAGAGTCGTT  
GTATGCCGTTGATGGAACGACTGACGCTCGGAAGCGCGCAGTGTCTATCTGTGCT  
GCTCCGACCGGCCGTCAATTCTGGCCAGCAAGCGACGGTGGCGCCCGCTC  
CCTCGCCCTCGAAGGCCGTCCGCTACCCAAATGCCAAGTGCAGATAAGGGCAGCAA  
TGGCTGTCCAGTCCAAGCCGGAGTCTTACAGAGCCACATGAAATCCCACCTTAGG  
TCGGCGCTTTATAGCAAAGTAAGCTGGTATCTGACTCGAGCGCGTAATGTCAGA  
AATGATGATGGTCGGCCTCGCTCGACGTGAGATTGTTGTAGAGACGCGAAC

GGTCCCCTCAACAAACGCAGTCAGAAAAAGCGCGGGCTGTATTCTTGATGCTCCC  
GATATCGGGGACGCAGTCATAACATGCCGTGATACTCGAGGCCAAAGAGTTAG  
CGTTTCATTGCCTCGAGTGAGCTCCCTCCAACCTAACCGTATCTCATGCTCTAG  
CTCTGGAAAAGGAACTCGCCATCATCATTGGCTCGGGTTGGGCCAAAAAAAG  
ACTTCTCTCCACGGTAATCGTAGTCGCTCGAAGTGGCTACCGTCTCACCTGAC  
GCCGACCTCCAGAGAACGCCCTCCGGACGGTGTGAAATTGCTTCAGCATGTT  
TGGCGGGATTCCATATACCACTTAAGGTATTCCATCGGAATGTAGATGATTGCC  
GGATTCGTTTCAATCCGACAACCCCCGCCCCTGCCGCCAGTGGAGGTCACTGGT  
CCATTCACGATTCCCTGGTGTGTTGAGCACATCAATGAGCTTCTAACGCATCT  
ACCGACTTCGACCACGTCCGATAGACCGATACTTTGAAATCCTTCCGCCATCT  
TCTCGGCGGCCTCTCACGTAGGCCGTGCGCCGATTGTAGCTATCCCGTAACCA  
CCAGCATTCCGTGTTCTGAACCCAGACGACCCACGAACCCCTCCGAGGTCTTACCG  
GGATTTCATAATCGATGGTGGCCAGGCCGGGCTGCCCTGCAGAAGTATTAA  
TGCAGTCATCAAGCCCCAGCAGGACATTCCCGCAGCAGAGGCTGAAATGACCCCA  
GTGGGCACCGCCTGCCATACAGTTAAATAACCAATCCCTGAATTTCAGCATCA  
ACCACGATGAAGCCCCCTGAGAAGTGGCAAAGCCAACACGTCCCTGAGCTCCGAT  
AGTGGTCGGAGTGATTGACGTCAACTACAGGGGTGGGCCAGAGGC  
CAGAGCTCAGCCTGCGACGATGCTAACGATCATGAAGAACAGCGTCGGCACCAAGG  
CCACCAGCCGATGAGCCGAAGACCCGAAATGGTAGCCAGAGCTGGCCC  
GCATTGAAGTGCCCGCGCTGCCTGAGCAGCAGCGTAGGCCGCTGTGGATGGAG  
ACGCTCCCGCGCCGGAAAACCGGGGACAGCACCGGCCGATGATGAGCCAA  
ACGGCCCGGTCAACAGGACAGCGATGCAAAGCACAGAGTGAGACGGCTGCC  
GGTCATCACTGAGACAGTCGGACAGGCTGGTAGCTCATGGTCGTTCCATTGGCTG  
GCAGCGGGATGCTACCTTCAGGTAGAAACTACCTCAAAGGGAGCCCGTCAT  
GCTGTGGTCTGTCGCCGTTCGGTCTGCCGTGCCCAGGTCCCACCCACCCCCC  
GCGCCCTGTTGCCGCTCGGCTGAAGCAAGCCGTGCGTTGCGCATGTGCCAGCC  
ACGCGGGCGCTGGGCTCAAGATGGGCTGAAAAACACGTGGCGGCCAATCGGGTC  
AACCGTTACGAGAGCCAGGCCAGGGCATCGACTGGATGGCTGGCAAGTTGGC  
CGAGGTGCTGCAGGTCCCCATGCCCTACCTGGTCGCCGAGGACGAAGCCACAGCGG  
ACGCGGTGCTGGCGCTGCTCAGCTGTCCGGAACACACGCGCCAAGGCGGTTGCG  
GCCCTCTCAAGGCCCGGGGACGGACGGCGGGCGGACTGACCGACTCCGGTGGC  
CGCAAGGCCTGCTCCGGGCTGCCGACCGGGGCCATGTCCCGTCCGGCGAG  
CTCGGCAGTGGTTGACGGCGGGAAAGTGCTGGGAACTGCACCAAGGAAGTCCG  
CCGTGGCCAGCTCGAACGCCACCGAGGCTTTCTGCCCTGGTTGATTGCG  
GACCTGGGGCTGCTGCTCTGCAGCTGGCTGATTCTGTTCTGCGCAGCC  
CGGGCGGCCCTGCTTCGGCGTAGGCCGCTCCACCTACGCAGGCCGTGGAAAG  
GAAATCCGTGGGACCGGGAACATGTTGGCGTCCGCTCGCTGCTTCGTTCAA  
CCCCGCCTGGTGCCGGTTCTTCGCTTGAGTAAGCCGTGCCGTTGCTCGGCCAG  
GTCCGTATGACACCTGAGGAGCGTGCAGGAAACCGAACGTTGCTCGGGCG  
TGCTGGACTGAAGAAGGGACC GGCGTGCCACCTGAACATCTGTTCAATCATTCTT

CTACATTCTCGCCGCCTGGTCTCCGCCATGATTCCGCCTGTCTGTTCTGTGTGTG  
TTTGCCTGAAGCGCGCTCAATCGCCGCTGCCCTGCCCTGCTGACCAGCCGCC  
AGCGGCCGCCGGGCATGGATGACCCGGCTTGTGCGCAGCAGGACGCTGTGCAC  
GCGCCTGGACGGGCCCTGGTTGCAGTTACGGCGTGGACTGGAAGCTGGAGC  
ACCGCAATACCGCGCGCTGATATCGCGGTTCATCGCTGCGCAATACACGACCAA  
TCGCCGGCTCGGGCGCTCGTCCCGTGGCCAAGCCAGGGTTAAGACGGTT  
GACTGGCGCAGCGCAGGCACCGCCTGAGGCCAGCTCCTGGGTTGGACTCGAC  
AAGCATCAATGTTATTGCGTGAGAGCGGGGCCGGGTCACGCTTGCAGCTGGCCG  
GGCTGGCGCTGGGCTGATGGGTCATGGCGTGGGCCCTCAGTGGGGATGGCTG  
GGCAGCTGCGCGCAAGCGCGCCGACGATTCTTGCAGCAGTTAAAAGCGCTTGC  
CGTGCAGCGCCTGCTCATCCACGTGAGCAAACGGCCCTCCGCAGCGCCCTGGCCT  
TGAGTGCTCGAACGCGTTCGGTGTGGCGGTACCGCGCTGGCCGACGCGTCGCG  
ACGCGGTCGTTGCGCTCGCTTGCAAGCGCTCCCGCCGGCGCCTGGTA  
ACTTCTTGCCTCGTGACGGGTCGCAAGGGCGGTCAAACGCAACCGCTGCCCTGAAA  
TCGCCCTTTCCACAGCGCCATCTTGCTGTGCAAACACTGCGGTGGTCCACGCG  
CGTCCACGCCGCCGCGCAAGCGCCTGTTCATGCGCTCACCGATGGCGGCTCGAA  
TGGCTTTAGTTCATTAGCGCCGCAACGTATTGTCAGCACCCGCGCCGCTGT  
CACCGAACCCATCGGCCAACGACGCGGGAGTCAGGAGAATGTGGCGTGGTAG  
TTGCGGCCATGCCCTTGTCAAGCGCGTGCAACGCCACTGGCTGCCACGTTG  
TAGCGGTCCACCAGCAGTTGGCCACGTCGCGCGTAGTCGCGCCGTGCTCGGG  
GGCCAGTCGTGGCAAGGCAATCAACACCTCGCGCGACCCGGCTTTCCG  
GGTTCATGCTCCTCCACCTGGCCAGACCTGGTGCAGGCTAGCGCCACGCTGG  
TGAGTCGGTAGGCGCCAGCATGTCACGGACAGCACACCGGTTGCGGCTGTAGTT  
GTGGCGCGTGGCTGGGTGCTCCAAGTCCACGGACAGCACACCGGTTGCGGCTGG  
CTGTCGCGAGTCGCCCTGCCCCGTGAAAGGCTTGACTGAACGCTATAAATCG  
CCACGACCCAAACAATCTCAATACACCGCAGCCCCCTGGGGCGAGGACTGGGG  
GGAGAGGCGTCACGCGAGCGTGGCGTTGGGTGTCGGGCGAAGCCCTGACCGCA  
CGGTTTGCAGCAAGAAAACATAAGTGCCTATTGCTTCTCGCGCTCGCTGGCCC  
ACCCCATCGAACCTGCCATAGAACCGGGCTGCTCGCTGCGCTCGCTGGCCC  
TCAGAGTTACATGCACAACGAACTGTCAACTTTAGCAAACGATGCCAAAAAA  
AAAAAACGGCGCTCGCTCGCTCGGCCAGAAAATGGCGTTGCCCTGCCCT  
CGGCCTATTCTGGTGCATAGATTCTAAGGCTGTTGGCGCTGGCGCGAG  
ATGTTGAGAAGCAAAACTAAAACGGACGGATGGTTGAGGCGCTGGCGCGAG  
CAAGCAAAGTTGTTGGCGGAACGCGAGGTGCAGCGCAAGCAGCAGTGCCGA  
ACTCAAAGAACGCGAAGAGGCACGACGCCAGGATGCGCACCGCAAGATTGGTTGG  
GGGGCTTGTCAATTGCCCGACGCCATGGGTGGAATGAGGCGGAGATTGTGGGC  
GCCTTATTGCCATCACTGACCGCTTGCCTCGCACCCGATTCCGGAAACAAGTA  
AAGGAGCGAGGCATTGCCATCTGGAAAGCACGCGAAGCCGCGCGTAAGGCGGG  
GGTCATGAGCGAGCACAAGAAACCCACGGACCCGCTGCTGAAAAACAGATGGAA  
GGCTTGCAGCGCCACTTCCCTGGCTGCTGAGCGACCTGCTGGACGCCCGCAAA

CGTAAGGCGGAATGCCCGACGCCCGCCAAGTGC GCCACGCCGGCCGCCAACCGGG  
CGGCTATA CGCTGGTTGAGGTGCTGTTGGT GCTGGCGTGTCTCAGCGATGGCGC  
CGCCGGATGGCTGCTGTTGGTCCGACGAGCGTGGCAGCTGAGGTAAAGCAGACGC  
AGTTGGATTTCAGCGAAACGCCACCGCGATTGACC GTT CATTAGGCATCGTGGCG  
GCTACTCGGGCTTGCCACGTCGCTCGCAAACCGATGGCCTGGCGCGCAGCGGC  
TGAGGCAGAGCGATGGCCTCCGCAATGCCTGGGGCGCGTGTATCGTTCTGGCG  
AACACGGTAAAGCGCGCAACGACTCGTTTAGTCGAAACCCGCACGTGCCAA  
AGCTGCCTGCGCAAAACTGATTGCAGCGATGGCTGGCAGCCGGCAGTGTGGGATG  
CACAGGTCAATGGCGAGAGTGTCTATTGAACAGCAAATATGACCCGGCCAACGCC  
GCCGTTGCGTGCGAGCAGCACGGCGGGGACCGCATGGGTTCGTGTATTCTCGGGC  
TTGGCGTCGGGTTCGTCCGTTGCTGCTTGCCGCCAATCTGCCGCCGGCTCCGCC  
CGCTGACCCCAACCAACCAACCCACCACGCCAGTGGGGCGGTGATGGCGCCCCCGAC  
GTGGACGATGCCACGCCGGGACACCTGGCGTGGTGCCTGGCTGGGCCGGCAAC  
ACAGCCGCCGGCCGTTCTACGCCACCCACCAGCGCCAGCGACACCACGGCTC  
AGCCGACGCCAACGGTTTGCCTGGCACGCCCTCCGGATTGACGGTCTGCACCG  
TGCCGCCACGCAGACGCAAACGTGAAC TGCCCCGCAGGACAGAATTGGGACTGTG  
ACGCAGCAACCGCGTGGCTACTGCCGAGGTGGGGGGTGGCTACGAAGCCTGGC  
CACAGCAATCTATGGCCCTGGACGACGGTCAACAGCACCTGCCGCCGGCGTGC  
TGGCCCCCTGCCACGTCGGTGGCCATCTCCCGCTTGCGCCGCCGAAAGCCAGA  
ACGTGGCTGCCCGCTGGCCAGGTGGCGAGCACTGGCAACAGCGCAACCGCGTC  
GAGAATGGCACTCGCACCACTGCCCTGGACGTGCCGCCGCCACCGGTTCCCC  
GTCGAGCACGTCGGAGAGCTGGAGCGGCACTTACTCCGCCACAAGCGGCTGGTCA  
CCACGTCCAACACCTGCCCGCAATCCGGTACCCGTAGAACGCTACATGAAGGC  
TGTTTGCTAACTCGGACGGCGATTGGCTCGATGCCAATACCCATGGGCCCCGGT  
TGGACGGTTCAAGCAGGCGGACCTAACTCGAAGGGTTACACCTGGACGGCTGTT  
CTCTCAAGCGCTATGTGCCAGCGCAAGTCACGATGGATTTCATGGCGGTGGCC  
GGGTGACGCCGGCTGGGAAGAGTGCTTTAAAGACTTCCCACCCGCTACT  
GTTGACGATATGGAGCAAGCTTCCACCAGCAACAAGCCAACCGCTGCCATTGGCG  
GGTCAGCTTGCTAAAACCACTGCCCGCTGGTGCAGCGACGAGGCGCGTT  
TGCCGTACGATGCTGACGGCTCCACGCCGTGCCGCAGCGTCACTTCAATATT  
TTTGCCATGGGTGAGAATGGAGCGTTGCCCGCATAGGCGAAGCCATCCGGCACGT  
CGCTGGCTGGATTGAACATCCATGGGCACGCCGTCCGTAGAGGCGGAACGCA  
AAACGCTGTCCCGCTCGCGATGGCTCGCAAGCTCGTTCCGCTCTGGCGTGT  
AAGTCATGAAGCACTGCCAGTGCAGCGCAGGAAGTCCAGCAGGGACT  
CTCGCTGGTGTAACTGCCCAAGTGCTGACGCTCCACGCCGGCCGATTC  
GGCGGAATCGAACCAACCTGCCCGCCACGCCGGGCCACCAATGCCACCA  
CCGCCAACAGAGTCCACAGCATGCCGTCCCTTCGAGAACGGCCCTACGAGCC  
CTTACCGTGCCTGCATGCTACGATTGGGTATCGTTGAGGTATCGTTGAGGGAGC  
GGCTCCGGCAACATCTCCTGCAGTTCAACTGCTTAGGAAAGGGTGC  
CGCCCAACCTCCACCATCTGATCGCGAAAAGAGCAGTAAGTGCTGATT  
CGCGAA

GGTTAGGCCGGGTTGATGTCAGTTGAGCCTGCGTTAGGTATCAAACGAGGTA  
TCAAACCCGTGCCGAAGCCTTATTTTGCGCCGCCCTGCTGGCTCTATGTGCGCT  
TTTCGTCGGACCGATCTGCAAGCCCTATTGGCTCGCGCTACCTTGTCCGCCCCGT  
TCGCTTCTCCCTGGGTGATGCTGCCGACTGGCCGTAGCTGAACTGCTGTGGCACT  
CTCGGAAGCATTGATCAGATGCGGCAAGGAGCGGGCATGCAGGACGATTGCTGA  
GTCAGGCTCTGGCCGGGTTGCAAGGAAACGAAGCCC GCCCTACACCATCAAGGTC  
GGTGGCGTGGAGCGCTTGCCAACGGAGCTGAGGATCATGCTCGGCTGCTGGACGC  
ACTGAAACACCTCCCCCTCAGCAACTGGCTTGTGAAAAGGCCGGACCGCTGCT  
GTCAGAGCGGCCACCATCCACATCAGTGAATGCGCGTGTGGGGCGAAGCGCGA  
AAAACGTGCTCGACACCGAGCACAGCCTGGGGCTGTTGTGGCCCTGTCGGCGAC  
AAGCCGGTCGAAGACTACAAGACCGATGACGTCCGCCAGTCCTGGATGCGCTTGA  
GCACTACCCGAGCAACGCCACCAAGAAGGCAGTGTTCGCCGGCCTCACCCCTGTCG  
AAATCCTGAGCAAGGCGGGCAAGGTGGTATGAACTGCTGAGCATGCGCACCAAG  
GAAAAGCATCGGGATCGTATTGCGTCCTCTCAACGCCCTGGCAAACGAAGACCTG  
ATTAGCAAGGCGCCTCACAAAGCCATCCTCAATCGGCCAAGTCGCTCACCGATGA  
GCCGAGTCGTGATCCGTTAGCCGGCTGAGCTCGAACGCACTGCTGAGCTGAATGC  
ATTACCGTCTGGGCCAAAAAGTATCCGCATCGATGGTTGGCACGCTGTTGGGATT  
TGCACCGGTGCTCGGGTCAACGAGGTGCTCAGCTCATGTCGATGACATCGGCAA  
GGTCGGCGATTCTGGGCGTGCATTCCGGGAGCCAAGCCGGATCAACGCTTGA  
AGAACCCCTCACTCCTCCCGCTTGTGCCCTGCCACATCCTGATCGACGCTGGGTT  
GTTGGCTATGGATGAGGTCAAGCACGCAGGCTTGAGCGACTGTTCCGCACCT  
GCCCTACAACGCCAAAACGGGTATGGCGACCGCCTAGGGGATCAGTCCGGCCT  
ATGCGATCAAGCAAGGGTTGACCCAGCGGCTAAAAGCTTCACTGCTCCGGCAC  
ACCTTGTCCAATTGTTGGTCAATGAGCACGGCGTCTCGCTCCGATCTCCAACAA  
ATCACTGCCACGAACGTACGCTCCGCCAGGCTGAAGCATTACGTTGACCCACCT  
TCTGTCCCCGCTCGCTTTGGCATTGAGCAGTTCGCCGCCCTCTGCCG  
CTTACACGCCAGGGCAATTGATCGCGCGTCAAGCAGGTTGCGCCACATGGAACGG  
CGACGCGAGCAAGCGGAAAAAAGAGGGACGACCAAGACACGAGCAACGGGATGGA  
AGAATTGAGAATTGAGGGCACTTGGCACGCCAGCGCATGTTCTCAAACCCAG  
GCTTCCCCATCATTACTCAAAAGGCACAGGGAACACCGATGTAAGGCCCTCACCC  
ACCTTCCAACCCAAGGCACCCCATGCAAGCCAACCAAGCTTGTATCGGCAATG  
GCTTCGATTTACACCATCGCATCCCTCCGGCTACGAGCACTCCGTGACTCGTCA  
AAGCTCATGATCGCGGGGTCTTGATGCGGTGGAGCAATATCTCCGCCAAGCAGTA  
ACTGGTCAGACATGGAGGCAGGCCCTGGCCGGAGTGGACCCAGACGAGATCATTGAG  
GATCTGGCCACTTCATGATGTCTATGGTCCGATGACTGGAGCGACTCAGGACAC  
CACGACTTTCACTGAGGTCGACCTCAGTCAGCAGCTGCAAATTCCGACCCAAATTCCAAGCCAC  
CAAACCGTCCAGGTGCTGGATCCGACCGGCCCTTTGTCGTTCAACTACACAACA  
ACGCTGACCCCTGCCTACGGCATCCCGCGAGCGGATCCTTATATCCACGGTGC  
GCAGATCAAGTCGACCAAGATCTGATCCTGGACACGACTGGAAGCCAGAAGATCG

ACGGCCTCTCAATAACCGACCTGATGTCGCCAGCTGGATACACGCTTGACCGAGGT  
CCATGACATCCTGGATAGCTATTCTCCAACACCTTAAGCCGTCTGATAAGCTAAT  
CCACGCGCACTCCGGCTTCTCGATTGGCTTCATCCGTTGAAGAGATTATCTGCTG  
GGCCATTCAATTGTCGATGTCATGCCCTACTTCGAAGCAATGCTACGAAACCCA  
TCGGTGCGCCAAGCAGACTTCGGCTGGCATCCATGATCCCAGGACGAGCCAGG  
CCTGCTGGATCAACTGATTGCCTCGCGTCCCCGCAACTAAGATCCGGACTTACAG  
CTGGGCGGAACCTTGCTCGCCTCGACCCTGCTCTAAGCAATCAATGACTAACACG  
ATAAATGGCAGGTGTCCTGCCAAGTCCGATCAGGACAGCTAACCAACGCTGGT  
GTCGCAGCCAACTCATGCTCTATCGCAGCGACTTCCTGCGGACCCAGGCCAAATGA  
TGACTGGTGTGAACTTGATCCAGCAGTTGCTCCACCCGGCCCCACTTCTTCTCAC  
GAATGGCACGACGGTGGATTTCCTGATCACCCAGCTAAAAGCTGCTCCATATA  
GCGGTGAAGATAACGACAAGCTGCGAGAGGGCGATACATCTGCTCCATCATTTGG  
CCTTGACTGCCACGCGCAATGAAGGGCGCTTCTATCGTGTACGGATCTTGC  
CATTACATTGGGATTAGGCGAGAAGAGCTTCTCGGGCACGCACACCGTAGTCAC  
CAAACACGATAGGGAACTGACGAAACATTGCCAAGCTGTCGCCATGCCACCATT  
TCCTCCGCATCACGACAGCTGCGAGTTGGCTTTGACCGCCTCATTGATCGAAG  
GCGGCATCGAACAGCCGACAATTGAAATGAAAGGCAAGCCCAGTCCATGACTAGC  
GTCAGCACGCGTGCCGAAAGATCCACAAGCACCTGAGGATCTTCTGCAAACATC  
ACCAAAGTCCACTAAGAGGCCAAGCTGCCAGCATTGAGCCCCAACCTCGAAAAA  
CTTCATCTATCCTGCCAGGGAAATGACCAGGGTCAATCGATCCTCGATTTCATCCG  
TTTGCAGTCGAGCGCCACATGGCAGCGAGTCGATATCGAGGGATTTCAGGCTGA  
ACTGATACTCTGGATCATCCCACCGATCCAGACCAACAACAGGAATCACTGATACCT  
CACGCTCCATCAGTCATTGACCATGAAAGCCACGGGAAGCTCATTGGATTGATCC  
GCTCGTAGTGCTCCAGGCAAACGCATCAACCATTGACAGGCCAAATGGCATGACC  
TCTCGATTGATCAGCAATCCAATTGAGGTAAGTCATCTCGCGTGGACTATGC  
TTATAACGTGCAACTTTGCCGTAGCTCCGTAATGCATCGACCTCAAACAAACGGT  
AACATGCCATTGAGGTGCGAACCTTGGACTTCGCCAGAGCACAGAACTCACCAC  
TTCGCATGAAGGAACGGCGTATACGACACTTGCAATCACACCTCTACGATTGAAGG  
AGGGAAACAACGCACGCACACCACCTGCCACCATGTCACTCAGGATCTGTAGTT  
ACCGCTTCTTCGAATCCGCCCGCTATGATCGCGGGATGAATTTCAGCTTTA  
GACAACGTCAATACGCTTCGCGTGTGGACTGATAAGCATCGCTCGCTTCAA  
ATCAGACGAGGAATGAAGGCCTCGCGCCAAGCGATTAGCCTCCGCTCCCTCGA  
TCTTCGAAGAGGCATCCAGGTATCCAAAAACGCATCGTGTGCAACATGCTTC  
CAAATGTGACCAACCTCATGGAGCAGCGTAACAGAGTTATCGATGCGGTATA  
ACGCAGCGTCAATCCCACGATGGGTGTTCCGTCAGCATTTAACGCCGCCCGTC  
AAGCTGAGTCCCTCAAGTGCTCCTCGATGACCAACGATGCCGTGACGATTGAG  
ATACTCCACCGCTAAGTGGGACCTCGCTGACCAGCTCATCTGAGCTAAATCCG  
CAGAAAAGCCGAGTCATCGCATTAGGATCGTATATTCCGATGGTGTGCTTCA  
CCTGGCGCGATGAATGACGCCAACCAAGCATAGAGCGAATAACGTGTCGCGG  
GTGATTGCGCCTCACCCGAGATCGCCTCGAAAGAAGCTGCACCAAACGTGCAA

CCAGAGTCCGTAATGAAGCCGCGCACCAAGTCTCGATTGCCGCAGAGGCCTCGTC  
GACGCACCTTGAGCCAGGCCACGCCGACTCATTCTTGAAACGGAACAGAGCCCA  
ATCGACAGTGTCACTCTTGGACGCTAAGCCGTTGGCGAGGCCAACAGAGCGT  
ATCTGCAGAAATGCCAAGTCCAAAGACAACACTTTGATCATCTAACAGTCAAAG  
GCCGTTCTGTGAAAGGACTCGGACACCGACTGCTGGTCCAAAGAACAGGGAAATC  
AAATCGACCTTCTCAAATTTCTGCATTCCAACAGATGGCCTCGATAGGA  
TCAGGGCTCTACCGGATAGCGGGAGTTCTCGTAAGATTGACGATGACCGAGAG  
CAACTCCAAACGGTCGCTTCTTGACCAATGCTCCGCCCTGGCCATCAAAT  
CATGATCTCGTCGAGGTAAGCTCGTATTGCTCTGCGTACGGATCACCTAGGCAT  
AGGCGGGCGGTGTCGGCTAGCGACCATACTGAATCATCCGATTAATGAATTCTGAA  
TTACTGCAACGCCCTGCGGAAACCGCACCGAACGACATCAACAGGCAGCTCG  
GCTACCAGGAAACGCAAAGCATCCAAGTCCGGTTCTGAACCCGAGGAAACTGGCT  
GCGTATGTCAGCGGCTCGCTCCAAGATGCACTCCGATTTCAGATGCCAACCACT  
TGCCCAAGTCTTACTGCTCGGATGCAAGCGCATCAGGTCGTGCAACTCGGCTTCC  
TAGCAATCGCACACGAATTCCCTCCGATTGGGAGGATATTACGCCAAAGAACCG  
CGCCGCAACTCCAATTGGGAGGAAATCGAGTAATATCGCTATACTGCCAGCCA  
GGCGTAATGGAACTCAACAGTGGCTATTCACATGGTACTTGGAACCTGAACCGG  
GAGCCGGCTATGAGGTTAAGCGTCAAGCCTTATCGAGCACATCAATCGATATGCA  
AACGTTCGCGATCCCTCGTTAGAGACCGTCAGATGGTGGAAAGTGCTGGCACCGCT  
GAGCAGATGAGCGCCGATCTGCTCTGAAGCTGGATAAGAACGAGCCTTCGTC  
ACCCAAGTCCTGCTTGGACAGCATCAAGGCTGGCTAACCAAGAGGTATGAACTG  
GATCAATGCCGATTGCGCTGACCTATGCCACCGCAGCTGCAGGGCACCTCGCCT  
TCGCGCGTGGCCGATTGATGGACTTGATGGACTTGAAACCGACGCTGCCAGGCAT  
GCATCCGGTTGATAGCGGGAAAGTCCATAGCGCAGAGCTATAAAAGCGAAACCCGG  
GAGAGGCATGCCGACCCGGGCTCTAACAGACAGGTGCTTGACGACCATCCGCAT  
GCGGGCTATCCATCAAGCTGCTGTGTCTTGACTATACTAGCACATGGCGAATG  
TCAAACACCTTCACTTACGACGCTACCAGCATCCCCGAGCTAAAAGGGTATCTC  
CGACCCGCGTTTGAGCCCTTCAAGACAGGTGCTTGACGACCATCCGCAT  
CGTTGCATATTACCTCTACAACCGCGCCCTGCTAACGCTCCGTCTCCACTCA  
CATCTGCGAAGTGACCTTACGAAACGCACTCAATGACTTGTACGAGCAGCTCAA  
TGCTGCTGGTGGCGCACCCGGCTTCAAGGCTACTGACTGTTGAAAGCCAAA  
TGCCTGCAAAGAGCATTGCTGTCCAGAGCAAAATTGGTCGACCGGACCGAAG  
ACCTCGTCGAAAGCTTCCATGGATTCTGGTCCAACCTTCAAGACAAGAACG  
AGGCCTGATTGGAAACGCTATCTGCTGCGCTCGTCCATGGGGACCGACCT  
TTGAGGACTACGCACTAACGCTAACAAAAAATTACAGCCTACGTAATCGGATCGCG  
ATCACGAGTCGATTCTGGATCGAAACATCCAAGACACCTTCTGCCATGTTCA  
TCATAGGACTATTCTGCCACAGTCTGAATGGGTTAAAGCGCACAGCACCGTGC  
ACATTGCGCTCCGCAGGCCCTAACGCTAACATCGCAGCTGACCTAAACAAACCGAT  
GTGACACTAATTCAACCCCTGCAAGAAAATGACCTACTCAAAGTTGCCGATGC  
CACTGCAATTCCCTGCATTATCCAAAATGACGCAGCGGAAGTGGTCAGTGTCAATTG

ACGGAAATGACATTGCCAACTTATCTTGACGGAAGCTGAAGATTGGTGCCTCTCG  
ACTTCGGAGACATGCCAATCTCCAAGCTCCTGGCAGCATGCCGACGATCAAGAACT  
TTGCCTGGCCCAGTGGATGATCATGCCAGCAGCTGCCCTCGCTTTAAGGGAA  
AAGTTAAGTCGAGTAATCCAAAAGCGGACAAC TGACTCACCCATTGGCTTGATCG  
CAAAAGCGCATCGCGCTATTAAACCGATATCCAAGAACCTGGGATAAAACGGCTCC  
TCAGAGCAGCCCCACATCTGGATTGCATGTTGGCAAGTCGAATATTGATTTTT  
TGTGAACTCATCACGCCAGTCGACACCAACCACCCGTCCACGAAACAGCTCATA  
AGAGCCAGCCCTCACCTCGCATACCAAGGTCGTTCCGTCTCAATACCTCCGACCAC  
GCCAATCCCAGCAGCAATTATAACGGGCATCGACGGAGGGCACACATCAGCCGAA  
AGCCGTGCGATGCATTACACAGCCTCAGCTTGCCACGCTAAGGCACGGCCTGA  
GTCTATCTAGCACCGTCCCGACCTCGTCCGGACGCATGAAGCAGAACGCTCGGTAC  
GAATAAGAGCCCCGCATGCGGGCTCCCTATCGCTGACGTTGAAGCCTTAGTCTCG  
GCGCCGGGTGCCAATGGCGGACGACGTTGATCATTGGCTGGAACCTCTGC  
GACAACCCCAGCTCCAGCCAAATCCCTAGGCGCACCATCAGTCTGCAGCGCGGTC  
AACGGTCAGAGTTATCTGAGCCGTAGACCTGGCTGGCGGACGGAATTCAAC  
TCCCAATGCCCTGCCTCACCCCTGGCCTCGGTTGGAAGTGCCTCTCCAGATGCC  
TCAGGCCTCAGCACCTCAATCGGCTGCGCAAGTTCTTCAAGGCCTCAGCC  
GCCTCCACCATCGCTTTCAGGCCCCTGATCCGCCCCGCTGGATCGCTGGATGC  
GCGGGGAGACATGCCTCTCGCGCCAAGCGCCGCTGTGCTGGCCACCACT

>CONTIG\_7\_length\_19120\_cov\_37.166640  
CGCCGGGAACTGCAAGACACAAACATGAAACTGGTGGAGGGAGGTGGATTGAAACCA  
CCGAAGGCGTAAGCCAGCAGATTACAGTCTGCCCGTTGGCCGCTTGGGTATCCC  
TCCAGCTTTACTACCGGACCGGGCGCGATAAAGCGATTGCGTTGGGTGAAGC  
AGCCCGCTATTGTTGAGACAAGCAGTGTCAACAAAAATTGCGCTATTG  
TCACGTCTGAATGTGCGCAGCCATGCCGGCGCACGCACCCGCTCAGACGTTGATCA  
CACGTTAACGTTGATCGGCGGAAAGTGGCTGAATGCTAGGTTGCGGGGAA  
ATCGCGGCACGGACTTGGGGATCGCTGGAAGTACCCCCAGTTGACCCCCATAG  
GGGTATCGGGATGATAAATCAGTCTGGATGCCGGGCCAGCGCTGCACCTGCCGG  
TAAAACGGGTATGGCGCAGACCGCATTGTTGGCTGACGCATGGAACGGTACGCGAT  
GAGATGCAGGGAACGGGCCAGTGGCCATACCTGGAGAACGCTCATGGCAGA  
CCACCACACCGGCCACAACCCGCTGGCAAGACGCCCTGTCGCCACGCCGGCAT  
CGCTCATGCTGACGCCCTCACGCCACTGGAGCGCAATGGCTGGCAGGTGCTGC  
GCATGCTGCGCTCTGCGGAGGGCATCAGTCCGCTTGCAAACCTGGGGAGTTGCGCC  
GCTATCTCACCTCCACCCACTGGGGCAGAGGGCCGGATACGAGACGGCCGGCGC  
GTTCTCGTTGTGCTTGGCTGACGGGCTGGATCAGCCTAGTAGGCCAGCACCGCGAT  
CCTCTAACCGGCCATGTGCTCAGCGAGCTGTATCAGGTTCACGAAAGCGCCCTGCAC  
TTCCAGCAGGCTTGCACGCTCGATGCCAGCCTGCCCGCTTCTGCAAGCGTCTATC  
GGCCACGAAAACAATCAGGTCGATGGGTGGCCGTCCACACTCAGGCAACTTGGC  
GCAGGCACCTGAAGCCACTTCCATTACGGCCCACAATCAGCCCCGCGATGACGATG  
ATTGCCCTCGACGCCGCCGTCGAGGCGAACGAGGCAGGCCACCGCCATTGCCATT

CTGGCGATTCCGCTGACAGCACGCTTCCGCAACAGGCCGGACACGCTCGACAC  
ATGACGGCTGAGCAGGGCGGTACGTATAAGACGTATATGTATAAAAAAGAACGTAC  
GTACCGCGCGCGAAAGCGACGGCGATCCGGCATCGCAGTCGGTGAGCTGCCGC  
CTTGCCTGAGCAATGCCAGGCAGATCAGCAAAAAGACGTGCAGGCCGCTTGC  
CGGCTGCCGCCGAGCATGCCAGGAAGTGCACGAGTTGCAGGCACGCAGCCA  
GAGCGGCACCGTGCAGCAATGTCGTGGCCTACTTCTGCCCTGGTAAGCGCGTCTT  
TGCAGGGCGAATTCCGCCTGTGGCAGGTCGTAAGGAGACATCTGCCGCCACGGC  
CTGCCGAAGATCGGCCTGCTGGTGTGCCACGCACCGAACACCGCCCAGAACATCGACT  
GCGCCACCGGCATCGCGTAAACCGCCCTGGCGCACATGCCAACATCCGCAAGAT  
GCTGAATGCCCGACGAACGCTGGGACATCGCAGCACAGGCAATGCAGGCCAGGG  
GATGGCAGCCGCATCCTGCGTAGCAAATGCCGCCGAAACCGGGCGTCACTGCAC  
GCCGCAGTGACGACCCCCCCCACGCCAGCAACAATGCCGGCGAATGCCAACCTTA  
TTGCGTGCAGGACATGATGATGCCGCCCTACACTGACCGGGCAGTTGCCAAGA  
CCGATGGGCCTCATACATCGCAACCCAAACAGCGCAGATTCTGCAAGCGCTGGC  
CCGTCAGGGCGGAACCACCCAGGTATGCCAGGCTCCGACCGCATACCGGCCCTAC  
CCAAGGGCGGAGCCCTCTCGTCTGTTGAACCTACCCCTACCACGCCCTGGCGC  
ACTGTCCTTGCAGCAATAGCCTCTGTGCAATGCACAGGACTCCGCTGTTCCC  
ATCCCACCTCTTTCATAGGAGGACTCGTCCACGTTACACTTCGTCAGTTGAGT  
ACCTCCGTCGGGCTTCCAGCAGGAAGCAAGACGGATGCCCTAGAGGCCCTGG  
TGTCTCCTGAACACCATGCCCTGCCCTACGGGATCTGCCCTGGCGAGTTGGCAC  
CAACACTAACCAATTGAGTTCAGGACAACGCAGTACGGCGCTTGCTGGAGGCCGG  
AAGATGGACGACTTGACCTATACCCCTGCCGAGCTTGCCAGCGAACCGTGACGG  
CAGCTACAACACCGCAGGCCGACCGGATGCGTCTGACTCTGCCGCCGGCAAC  
TGCAGGCGAGGCCGGTTCCGGCAGATGAAAGCCTCGTCGCTCAAGGGCAAGCACGTC  
CAGGCGTTGCTGGACCGCTGGCAAGGCGAAGGCTTGTGCTGGCACCATAAAAAA  
TCGGCTCTCCACTTGCCTGGTGGCGGAGAAGATCGCAAGGCCGGCATCCTGC  
CCTCGAACACACACAGCTTGGCGTGACCGAGCGCCGCTATGTGACCAATATCAGC  
AAGGCCTGTGAGCTGGGTGCGAGCCTTGAGCAAGTCACCGATCCCCACGTGCGAAT  
AAGCCTTCAGCTACAAGCCGATTGGATTGCGTGGGAGGAAGCGATCAAGTTCC  
AGCCCAGTTACGCGGATGGGTAACCATATCGCCTCAAGGGATCGTGGCGAAG  
GGCGGCCGGAGCGAACTGTGCCGTACCGTCAGAGCAACCGACGTGCTCCT  
GGCAGCGCACCGTCTGGCGACTACCGGGCATTGATCCGCCACACAAGACCTACA  
TCCAGCAACGGCACGTACGATGGACAGTGCAGGCGGGCTGAGCCATATG  
CATGGCCTCGTCATCAGTACGCGAAAGCCGCTATGAGACTCTGACGGGTGGCCT  
GCACCAGCAGCGGGAGGCCACCGTCAGGACGCTGAGCGATACACAGCGAACCC  
AGGATACCGCAGCACAAATCATCAGCCAGAGAGCTTGGCACGAACGGCTGCAA  
GTTACGGCTGTTATCTCGGAAGATAAACAGCTTGGCATCCGCTACTTCACCACCTC  
CATCAGCTTGCAGAAACTGTCCACCGACGTGACTTGACGTTCTCCGGAGCGTAGCG  
GCGGTTCATCTCATCGAAGAACTTGCAGGCCACTTGATCTGGACTTTCGATCTC  
ACGCAGGGCATCGAGGACATGGATCCCTGGTTCCGCCACGAAATAGATGTGCTT

GACAGCGCCTCCTGAAGCTGATCGCCCAGTCGGTTGTAGTCGCCACGGCGT  
GGGAATAAGGAAGCCGCGTGGCAACTTGGCATAGACCACCACTCATTGCTGTGTC  
CAGCTCTTCACGAACCTCCGCTCTACCTAGAACATCCGTCAGCCCAGTCGTAGAT  
GTGTCGCTGAAGTTGTACCGGCCTGCTGAAGTCCTGCTGGCTGCCAGCGGT  
AAAAATGTCGAGGTCGAACCTGTCCTCGACGGATCGTAGGCCAGGTGTTGATGAT  
GACCGTGGCCTCTGTTGATGAGTCGCGTGGCCTCGCGATGAAACTTCCGG  
GTTGGTCTGAACTGTGCAAAAACCGCGACGTTAATACCCCTGAGGATTCCGTAC  
CATGCGCGAGTCAATTGAGTACCTCGGCCAGCTGCCATCAGGCGTACTGAC  
CGCAGAATGAATCGACTGCTTGTATTGGTCTCGTTCGGAAACCTGAAACC  
ATCTCCACGCTTAGCGCCTCGCCAGTCACCTGGTCGATCTGTTGCCCTGGATG  
GTGTATTGCAACGGGGTCACGCGCAGGGCTCGTCCAGCTCCTGACC GCCCTTGC  
ACCAGCTCGTCCGAGTCGAAATCGACACTGTAGGCCGCTTGCGGTTGATGCGGTT  
CACAGCGCCTGAACCTGTTGTCGAAGTTGGCGTTGAGCGGGTTCTCTAGTT  
TGCGGTCTCGCCGATTGCAATTGGCTGGCAACTGAGACACTGTGATAAGCT  
GGTACACCTGCGCGCGTGCAGCTTCAGTCGCTGGCAGATGCCAGCGTCCGG  
CCTTCTGGCATCGTATACGGACCCCGCATCCGATCTGAATCGTCTGTAGTCGTT  
TTTGACCAAATAGCGGTAGATTGCTCGCCAGTTGCGTAACCGGACGTCGCC  
GGTCGCCGTTTCAGCACCTGCCGGTAAGTATTCTCGTTGCCACGCGCGGACG  
TTCCGACAGCGAATCGCTGATGTCCTCTGCAGCGCGGCCACAAAGTCCTGAAGCT  
CTCGCTGGCGACCAACGGTCAGCACGTTCACGTCGTCACGGTGCAGGATGATCCAT  
CCGGTCGCCTGCTGGTTGACGGACAGCCGAAGCCACGCCACCTCTGCGCG  
TGTGACCTCGTTGTTGAGTCGGGATGCTCAAGAACGAGATCACGAAGACATTAGG  
GTTGTCCAACCTCGCGCAGGGCGAGTGCAGAGAACGATGAAACGCACCGACTTCT  
TCGCATACATCTCGGTATCGCTGGGAGTGGGATACGAAAGCAGCGCTCCTTAT  
CCTTCAGGATCAGATCGTAAGCATCGACGTCATCGGATAGGCCCGCATTTCGCCAC  
GCGCGCGATAGCGAATCCACCTGCCGTTATTCTCTGTCGATGGAGAACGAGTAGC  
CGCTGTGGGCTTGTGCGCGATGCCCTCAGGTACTGCGTGTATTCCCTCTCAAAGATTGGCG  
CAGATCGAGCACCTCGTTCAGGTACTGCGTGTATTCCCTCTCAAAGATTGGCG  
TTCGCCCTTCTGCGCGCTGCGTGTAGTCGCCAGGTACTGGCCACCTCGTCGATGAAG  
AACAGGGTCAGCACCTCACGCCCTGTTGAAACAATGCCTGTTGTCGAAAGTGC  
GCCTGATGGCCTCACGAATCTGGATGCGCGCAGCGCTGCCCGTCACATGCCG  
GTGGCGTCACCGACCGTCAGCTCACGCCATTGGTAAACTCAGCGTGTGGAAATTG  
GCATTGATGTCGGAGACGACAAAGCGTCGCGGTATTGATCCAGGCCGTTGGAAAA  
TTTCTGGAGAACAGGTTGTCCTGCTGCTAACGCTGCGAACGATACGCTGATATT  
GCCGCCGCCAGCTCTGCTCGAACCTCACGCGCCTGGCGGCTCTGCTCGA  
AATTTCGATGGATTGCAAGGTACAGATAGCCCGCCGTGCCAGCCCTCACCGT  
GATACCGCGCACAGCAATTCTCACCGACTCTGGTTAGGCCTCCAGCGCAGCGCATC  
GAGGCGGTGAATCTGTTGGGTGGTCTGTGGGTGGCTGAGTAGCGAACACCAT  
CAGTGCCTGAACCTCCAGGGATTTCAGCGTCGCCGTACCTCCATCTGCGGGC  
TCATCCAGAACAGGATGGACGATTGGCGCTGATGATGTCGATTGGTCTACGTGAC

TGGAAATCATCCAAACCGACCATTCACTCGCCTTGGCATTCACCCCTGGCGTTC  
CGTATATGCGCGAGCATCTGCTCCGCGAGGCGAAAGCCTGCACGTTGATCACC  
ATCACGTTGATGCCCGCGTCCGACGAGAAGTTCTCAGGTGGTGCAGCTGCTGGAG  
TTGTAGATGAAGAACGCGCCTTCTGTGATACGTCTCAGGAAGTGCCTGGCCGTG  
ATCTCTAGCGACTTGGCACGCCCTACGGATGGCGACGCTGGCACGACAATGAT  
GAACTTGCTCCAGCGTACAGCTGTCAGCTGAAGATGGTCTGATGTAGCAGTA  
AGTCTGCCAGTGCCGGTCTCCATCTCGATGTCAGATTGACCTGGCCACTTGGTC  
CTGACCACCGTATCCGACAACGGCAGGTTCTGACCCCCTGGACGGCCTGGATGTTG  
TCCAGCAACGCTGTTCCGACAGCGTAAGTCGGCGTGCAGCACGAGCGCTGCTGCAGGATCT  
CCCGCTGCAGCTCAGCGAAGCGGGCTCCAGCACGAGCGCTGCTGCAGGATCT  
GGGGCGGCTTCTGGCTGCCGGATCGAGCCGGTAGCGAATGCCGCGTGTGGATGTTG  
AACCTGCCCTTAAAGCAGTCCACAACCACCTGCACTGCCGCCGTCTGGTAGGCC  
CGTCTGAACCTCAGTTCATCCAGCCTCTCAGATACTCTCAGTCGGTGATGGC  
GACAACAGCTGAAGATCTGCTCACGTTGATCTGACGGCGCTGTCCTGAAGGCC  
GCATCGCGAAACACCGCGCGAGCGCGTGTGCGTGGCCAGTCCTGACGAAAGC  
TTCGTCGATGCCGCTGTGCGCTCAAAGCAGGCGAGCGCGTGCCTCCACGA  
AGAACACATCCTGCCCTGGATGCCCTCTCGATGGACAGGGAAAATCAACGC  
CCCAGTCAGCATTACCTGGAACAGCAGGTCTCCGCCGTACGGTGGGCTGATGT  
TGTCCACAAACATATCGAGATTAGCCTGTCAGTCATCTGGGAGTAATACACGT  
CGGCCATGTTGAGGTGTCGATCTGAGGGACGCGGAAGGCCAGGTCAAGCTTGC  
TGCTTGCTACCACTCTGCGCTATTTCTCCGGAACCGGGAATGCGTCTTGCT  
GATGTCGGCAATGTTCTGTCGCTGCAGAGCCTGCAAAGAAATCAACGGCAATGAA  
GTC  
TCTGGTAGTTGACCATGATGAAACGGCAGTCCTCAGTCAGTCGGCTGGGTAATC  
ATCAAATGGAACGCCAATATAAGATAATCAGCAGTCGCTTTGCGGCCACCAA  
AGCCAGTCAGCATAGAAATTACATGACTAGGCTCACCAAGAACCTGACTGCTCAA  
TCGCGCCGCTTGAGGAAAGCTCGAAACTTGTCTGCCCTCGCATCAAGTATAG  
GTTGACAATTTCCTCAATGAATTCCCAAGAGTTCTTGAACCTCCAGCCACTGTA  
AACTTTGCAGGACGGTTATTTCATCTCAATAGATTCTTCACTTAGATGT  
GGCCATGAATCAGTCTTCTGGCAATGGTCCACTATCAAAGCAGCGGGAAAGCCT  
ACTGGCAAGGTATTGCTCGGGGATTCTTGGCCGTTTACGATGGTGTG  
GTATCTCCCGCGAAAGATTGCTGCCTCGGAGTATTGGATCAACAGTTAACG  
GATGTGGAAACTCGGACTCCTGCTGGCGTATGCAAGGATGTACTCATGGCAGTACT  
TGAATTGGCTGGTTATCGAAATTCCATCCGTGCGCCATGCGAAAAGACAAAGCA  
TATTCTCCTCCCCAAAATCGTCGTAATTCTGATATTGCCACCTTTGTG  
GTTGATGGAAATGAAAATCGCACCACCTCACAAAGAAGATTGAGCAAGCCTGA  
TTCTAGAATACATGTTAACCAATCGGAATGCATCCGGCCATTGGCTCGCTGT  
TGGCAATCAGGCGATTCCGTATTGCTTCTGATTGAGCGACGCAAGATATTAC  
CTGCGTCCTCGGTGAAGTCGTCCACGTAATAAATCCTACCTGTGTTGAAGGCG

GATCGATATAAATCATCTCACCTGCCAGATACGTCTCCTGCAACAGTTCAACG  
CATCCAAGTTGTCGCCTCGATAAAACAAGTTCTCGTGTATCGAAGTCCACGCTTTC  
CTCGCGAACCGGGCGCAGGGCTTGCAATCGCGCATTGGCCGTAGCAGCGCCTC  
GCGCTTCCCCGGCCAGTTCAGGTGATAGCGCTCCTGCGGCCCTCGACAATGGAAC  
GGATAGTTCTGCCTGAGCTGGTGAAGTCCACCGCCAGCTTCACACTGCCGTCTC  
ACCTCGCGCCTCGGTACCGCAGCCGGAAACAGATCGGGATACCGCGATGTTGT  
CTTCGGTCAGGTTGGGTGAGTGCATCTCAGCTTCCATATTCTTATCCTGGATTC  
ATTCTTGTAGAAGAATCATGATTCTCAGTCAGTCAGTCAGTCAGTCAGTCGG  
GTTGCCGCGGGTCAATTCTGATCGTTAGATCCTCGCCTATCATTCGCAGGCC  
AGATTGTAGCCGACTTGTAAAGCGCATCCTGGTTTCAAGTCTTAATCGCCT  
CGTCTATACGTTAACCGCTTCTCAAAGCCTCTGAGGCCAGACGCCAGTGC  
CAAACCGGGTTTAAAGTCATCTAGCTGTCTCGAACCGTGTGATGTCAGATTCT  
GCGCCCTGACGAGGGCAAGTTCCGATTCTAGGCCAGCGACTTCATGGCTGCGT  
GCAACAGTGTAAATGATGGGGATAAAAGAACTGTGGCCGTATGACATACATCTT  
TGGCGATGGAATACATCGACGATTCCAGTGTGTACAGCTCGCTCGGGTTCCAGC  
AGAGAAACCAGAACAGCGTATTGCAACCCCTTCAGTGCATCTTGTCCAGCTCC  
TTCAAGAAGTCTCGTTCTCTTTGGTGGCAGTTCATCACTCTCGTTCTCATCTC  
AACATAATTGAGACGATTCCGGTGCATCCTCATCCAAATCCGGAAAACGTAATC  
GCCTTGCTCCGCTACCGCGTGTGTCTCGAACAGTACGCTCGCGAAAGGC  
TGTGGCACGAATACGGTTGAATTGGTCCCGCAGTGTGTCCAGGTTCGCCGAC  
CATCTTGGTTGATAACCTGGCCCTCATATCCGAAGGCCTCGATTCTGCTCG  
ATCCTTGATCTGTACTTCGTAACCTTCCTCAGCGACTTTGGCCAGATCCTCTCA  
AGCTCCTGCGCTGCAAGCCGCTTCAGTTCATCGCGCTCCTTCAACTACACTGA  
CGGCTTCAGTTACCGCAATTGGCGAGATTGCTGGCATCCAGTTGATTCAG  
TTCTTGATTTCCGCTCTTGCAAGCCGCTGTTCTGCAATTCACTGGCAAGTCTG  
CCTCTGCCAATGTTGACTCGGCTGCTTGCGCGTGTGCTTGAGCCAATCGCTGG  
CAGCGCGTCACGCTCTTCTATGGCCTCAGCGCATCCGCCACTGCTAGTTGCC  
GCAACATCTCCGGCGTCCAGCTGGCTTAACTCTTGATCTCCCCCTCTTCA  
CGATGGATTTTAGGGTGGCGGTAGCCTGGCCTCAGCGAGCGCAATGGCG  
GCTTTTAAGCTTGCTGATCCAGTTCATGGCCAGCGCGTACGCTCTTCCAC  
TGCCTCAGCGCCTCGGTACCGCGAGCTGTGCGCAACCTCGCAGCATCGAGTCT  
GGCCTTCAGTTGGAGTTGGCGTCTTCGAGAAGCAGCCTCTGCAACTCGCT  
GGTGTACTGGCTGAGCAAGCTAACAGCATTGCGCTGCTGTTGGCCAAC  
CAACCGCTCATGCAACTGCTTCAAAATCGCTGCGTACTGCTTCAGTATGCC  
GCATACCCAGCCTCATCAATCTGAATGCCCTCCGCAGTGGGGCAGATGATT  
TGCACGGTTATTCTCCTTCGCCTGGCCAGGATTGAGCAGCATCTCGGGCACT  
ACCTCCGCCCTGAGCGTTGCCGTGCGGTATGCAAGTTGATTTGCGAGACTGAT  
ACCTGTATTGGTTCTAAATCTGGCAGGCAGCAACCCAGGCCTGCCACTTCA  
TAGAAATCCTCAATGTGATCATAGAATTGCCACATTCTCGGCCGTCTAGCTGC  
CGGAAAATCCTCTGACCCAACCGAAGTACTGGAGTAGTTCTGTTCTGTAC

GTTCCTGATTGCGTTCGCTATCAATTGGTGTGTTACCACTAGCTGTCACGC  
ACCACACAACCAGCATCGGCATCAAAGAGAGCATATGCAGGAACACCTATCGAATC  
CAAAATTGCATGCGCAAGTGGATTGAGGTTTCCCTCCCACAAAGACTATGGAAAC  
CCCCGCCGCCTCCAGTGAGCCGGGAGAAAATCTATGCCGAGGCCATAGAAAACGG  
ATGACTCTGTCGGGCCCTCTACGAGAAAGGCGCGTTAGCGAAGAGTGCTATGGCT  
AGCTGGTCGGCTATATTGTGGTCAAGTCGACGGTACTACCTCACCATCCACGATC  
CCCTGAAGCTTGGCTTCACATCCGCAACTGTTGCATAGTGAACAGAAACCACCGGA  
GTCTCATCAGCCGATCTCGTCAGTCGACTTGGTCAAAATGGCGGGCCTCAAGA  
AAAGTATGGGCTATGCGTTGCATAAGTCACTTGTATGCGTTATCAGCATCTCGGCA  
AGCGACCTAACGAAACCTTGCAAAGGCTTGTGCCTGGATCGATGCTGAAAGAGTTCT  
GGCTCCTCAATGCCAACAAATAACCCCTCGGCCGAAGCCGCCAGACTGAGC  
TAGTAGCTGGAGTGCTGAAATCAGAATCGTGCCTGAAAACCATGACCCCTGCCTTTC  
TACAGCGGTCTCGGTTGCCATCAAGTACAGCCACTTCGAATGCGTCTAGGGC  
CTTAAGCTCTACGTCTGCCGGAGAAACAGTAACGGAGCGACCCGGCGAGTACGACG  
CGACAACCTCGTTAACTGAGTCGTATGGTATCAAGCTGTTCAACTCTCTTC  
ATAGACTGCTGTTGCTTGGCACCGACTCTCGACAATTTCGCAATTCCCTCGTCT  
GCCGCAGCACGATCAACTGAGCGCTCAAGAATTGCCAATGATGCGATTGCCA  
TCGATCGACTCTCGCTTGCACGCCAGGTGGCAGTAACAAGGACGAAGTCAAAGAG  
GCCGCTCATCTGCCACCGCTGAAACCAAAGAAGTTGGTTGAGTGCCTCAGG  
GGCATCGATCAGTTGATCGGTGTGAGCGGCTCCATGCCGTATGCCCTGTTCAAT  
AGCCGTAGCTGTATTAGCCGATGGCAAACCCAATCCGGATTATCTGTACGCAGCTT  
GGAATAAAAGTCTTCTGGCCGCAGCACCGCTAGCCGCTTGATTGCGATTGAATT  
TGGGAACCTTTGCATTAGCGGAGAGAACATCGGAACCGTCTGATGAACGGCGCTT  
CCATGCAGTGAACGTAACCGCCCTCTGGGGTGTACTTCCAAGCGCCTCGATC  
CTTTCACTAAGATCGCGAATGTGATCTGAACCTCGATATCTCGTCAATCGCTCC  
AAAAGAGCAGTCTTCTGTTAGTGAGCCAGGCTTACCGTTGAAGAACCAATCAAG  
CGCACGAAGCACAGTGGACTTACCAACCCATTCCGGCCGATGAAGGTGTCGACGG  
AGTCGAAGGGATCGTCACGTCTTCAACGTGCCAGTTGATGCGGGCGGATT  
GGATCTCATTCCGGTTCAACTCCCTGAACCTGTTATCTGCTTTGAGTCGTTCA  
GCTCTATTTCAGCTCCGCAGTCGGCATTGATCTCCACCTTGCAGTGAACGCT  
TTCCTGGCCAGCCGCCGTGGCTTATCCAGCTCACGCTGCTGGCTTGCCTGT  
TCGACGCCGCCACAGCTCGGCCAGTGTTCCTGTGACCGCGCTGACAGTGGGATC  
AGACGATGCAACACTGCTCGTACAGGCCGCCAGATGCAGCGTACGGGCATCGC  
GGTGCAGTCGCTATCCATTGGCAGCCAGTCGATGCAAAATAGCCGAGAGCACCC  
AGCGGCTGGCGTGGCTTCGTTGGCGCTTATAGCGGCTACCCACCTGCCTG  
CGTCGAAAGTCAGTCGAACACAATGGGAACGGGATAGCCCCGATGCGCT  
AGCACATCGCGTGCAGTCGGCGTTGAGCTGGATGCTGAAGATCTGGATT  
GGTACGCCGGGGCGCAGGCAGATGCAGTGTCTCCGGGCCAGCTGTACTGCCA  
GATGACCTGTTCCACCTGTTGACGAACAAGTCTTGAGCCGGTGTGGCTCCGCC  
GTGCTCGTAGATCTGTTCTGGCAGAACGCGCCGAAGGCGCCCTGTTGGGTA

AGCGATCAGCGCACTCATCCAACCTCCTGAATCACGAGGAAGCTGATGAGTCGAA  
GTCGTCCAGCCCCGATATGGTGCCCGTGAGCGCCGTGGCTTGCCGCCGGTGAACAG  
GCTGTCCAGATCCTTCTTCCTCACCTCGATCATCGAGCGGATGGCTGGTTCAAC  
AGGTGGAGTACGCCTGCATCTGCGGCCGTCCGCCGTGGTTGTTGAACTGTTGG  
CAGGCATCCGCAATCGGTTCTGACTGGCCCTGCAGCACGAACCGCCAGGTCGAG  
CAGGCCTTGACCTCGGTGTGATCGTGGATCACCTCGCCTGCCTGACTGATGTAGAT  
CAGGTAGTAGGGGTGCAGCCGGTTGTGGGGCAAGTGTGCGGGTGGGTTACGC  
CCGAGCTGCGATTGCGCAGGGTAAGATGACACCAGGCGCAAGGCCAGGTCAGGG  
TTGGCCGGAACGACGGCATGCAGGCCGTGGGGACCTATGCAGTTCTCCATGGGC  
CTTGACGTAGTTCAGCAAGTCCATGCGGAAGTCGTTCAAGCCCAGGTCGGTATGGA  
GACGCCGGTCTCAGGTCTTCAAACTCGATAACTTCTTCCCTGCAAGCGGCGCAGTTG  
CTCCTGCGGTAGGCCATGTCGTGGCCTGCGCGGAAATGACGTTGTCGTCGCCGGT  
GGCGGTACATCTACGATCATCCGGTTTCGACACGCTCCTGAGGTTGATGTA  
TCGTCAGCGAAATATCGGGCCAGTAGTTACCAACTGAATGCTGCTATTGGGCGA  
ACCGATGCGATCCACGCGCCGAAGCGTTGGATGCGCACCGGGTCCAGTGG  
TGTGTAGTTGATGAGGTAGTCGAATCCTGAAGGTTCTGGCCCTCGAAATGCACT  
CGGTGCCAATGAGCAGGTCGATTCCGCCACTCGTTGGCAGCACGATGGCTTTT  
CTTGGAGCGCGCGAGAACAGCGTCAGCAGTTCTGGAAGTCATATGCTTGGGCA  
ATGTGGACTGGCCGGTCACTGCCGTAATCTGCCGGAATGCAAGTTGCTGGTGAG  
CCAGCAGGTCGGCGCTAGATTGGCGTAGAGGTAGTCCCGCTATCTGAAAAGCA  
GTGAAGATCAGCACCTCTTGTGCGGGTTGATGGGTTGGTATCTTCCCAGA  
ACAAGTTCTTAAGGTGCTGAAGTTGGCATCGTCAGCGGGGTAATCCTCGCCATC  
GAAGCCAGCAACCGTCGATGTTGGCGAGATCGACCTGAGGTCGTGCTCCATGA  
CGGCAAGTCCATATCGGCCAGGCTGATCTGACCTGCCGCCACATGCCGCCCTG  
ATCCAGCCCTCGAATGGTCATCTTCTGCATCGATACTTCCAGTACCTCGGTC  
AGATCGCCCACGCTGGCAGCGATGCCGCTCTGGTAAATACCGCGATTTGCCAAC  
GTGTTCTGGTATTGGCTGCAGGGATTGCAGCGTGAGACGGAATGACTGGACGGA  
GCTTCCAGACGTTGAGCAGATTGGCGTCATCAGAGCCTGCAGGCTTTCGCG  
GTCAACTGCCTGAATTTCCTGCACCGCCTGGAACCTGCGTGTGTCATCTCTCG  
TACTCCTCAAGCGGCTCGCAGGATGTAAGTGCACCGGGCATAGACAGCGAGCTT  
GAGCCTGGACAGGTGCTCGAAAATCTCGTTGAAGCCCACCGTCCGAGCGAGAGG  
TCAGCGCGCAACGGAATGACAAGGGCTGCGACGCTCAGGGAAATGGCCGATGTCC  
TTAGTGTGCTAGAAGGTCTGGATATGCTTGCAGCGCGCAGGTTGACACTGTC  
AGCAGCTAAAAAGTCGAAGTCCAGTGCACCGAAGGATGCCGAGGCGTGCCTTC  
CTCTGGCGGGAGCCTCGACCGATTGAAGGCGGTCTGCGCATTACGAAAGACTT  
CTTCCACCGACGTGCTGGTGCAGCTTGCAGGTTCTGGAATCTCCCTCAT  
AGGCCAACCGCAGCTGATTGCGAAATCGTAAAGCGGGTTGTCAGTGGCGTAGCC  
GAGAGCATCAGCACCTGGTCCTCACACCTCGCGATGACCTGTTCATCAGCTTC  
TGGTAGCGGGTCTCCGATCCTGAAGGCCTGTTACGGAAGTTGTGCGACTCG  
TCGATGACGACGAGGTCGTAGTTGCCAGTTGATGCGGTTGAGTGGGTACCGAAG

GATTGCCGCTGGTGGCGCTCAGGTGGTGGCACAGCACGTAGCCGAAGCG  
GTCGCCGGCAAAGATGTTGGTCTTGAGATTGCCGGTAGTTGAGCCAGTTGTCCGC  
CAGCTTTTCGGACATAGCACCAGGACAGACTGTTCCGTAGCTCGTAATACTTCAC  
TACGGCCAGCGCGGTGAAGGTCTTCTAGGCCACGCTGTGCCAGGATGCAGCC  
GTTATAGGTTCCAGCTTGTGATGATGCCGGTGCCTGATGCCGGTCAGCTGGTAGTTGAAG  
AGCTTGTCCAGATCAGGGTGTCTGATAGCCGGTGCCTGATAGGGCAACACGTCT  
TCGTCATGTCGCCAGGAACACTCGTGAAGATGTTGTAGAGCATCAAGAAGTAGATG  
CTTCGGCGAATTTCTGATAGACGGACGCGATGTGCTCACAGATTGGCGGTC  
ACATCCTCCAGTTTCGGGTCATTCCAGATTGATCGAACAGACTGAGGTAGGTG  
TCGCAAGGGCCTCGACCTGTTCACCAAATTGAAACGGCGTACCGCTGGCTG  
TAACCCAGATCGACAGCCGTGAAGCCATGCAGAGGCACATAGGCCTAGGTTCC  
ATCGGCTTCCACCGCAGGCAAATTGCTGCATCGGCCCTGCTGCCGGTCTCGAAA  
CTTGGCCTTGCGCCGCATCCAGTCGGCACATTCCCTGGCAACCGCCTCTGGGTGAG  
TTGGTTGCGCAACTGAATTGAACTCGACTCGCTGCCGTACAGGCTGCCCTCCGGTCGAG  
CTTGGGGATATGGAATTCCCTGCCTCTTCGGATCTTGTCCGTACTCGTCGGCA  
ACAAAGGTGGGGGAGGTGAAGATGAAGTCCAGTCGATCTTCCAGTCGGA  
CTTCAAAGCTCGTAGGCATACTCGAAAAGCACGAGGCCGATCTCAGCCGCG  
CCCCTGGCCGGATGGTTGCTTAAGGTATCACCCAGCAAGCGACTAATGTTGTCGA  
TCAGTTCCATCGCTCCCTACGCTCGCCTGATCCATTGCACCTCGCCCCCTGC  
CAGTCGATTGATCAACCCCTCTGATTCATCGCTCGCAGCACTAGTCGAACCATGT  
CCCGGCTACGCCCGGGCAGGCTTCTCAATCTGGAAATCGAGAACGGCAGGGTG  
CGCCCCAGAACTCCGTCGCACCCGGTCGCCTTACTGCCACGCCACGCTCGATG  
GTGCCGACACGCTCCTCGAACTCGCGTAGGCCGTAGCAAAGCACCCAGAAGTA  
ATCAAGCCAGGGTTGACGTCGTGCTGCCCTGGTGCAGCCCTGCGAGCTGGCTTC  
TAGCGTCTCGTAATAGCCTCCTGGTGCCTCGAAGATGCGTCCAGGCTGATGTA  
GCGACCCACTACATAGTCGAAGTGGTAGAGCAGCAGCAAGGTCAACAAGCGGGAC  
ATGCGACCGTTACCGTCCGGAAAGGGTGGATGCACAAGAACGTCGAGCATGCCAG  
CGGCACCAAGTACCAAGGGTGGCCAGGTGCTGATCCAGTGCAGCGTAGTAC  
GGTCAGATGCCATTGCCATCGCGTCAGGTGCGCAGCGACTGGTTGGAAGCGC  
AGACCGAAGTGCCGTGGTGACGCTCGATGATGTCGTTGGTAGCCTCCAG  
CGCCCGCCCGCCTCGGCCATATAGCGGTACAGCAGGGTGTGCAGTCAGCACTAC  
GCCCTCGCTGAAGGGCATGTGCGCGCAGACTCGTGGATCAGGCCAGGGCATCAC  
GGTAGCCGGCGATCTCCTGTTCGGAACGGCTTGGCGTTGCGAATGACGA  
GAGACTCAACCGCGAGGGCGCTACGACAACACCTCCAGCCGGTGGACGACTCG  
GTAGACTCCACCACCGCGATCTGGCGTAGCCCTGAGGGCTCGGGCAGTGCAG  
GCGTAGAGTTGCTGCTGCCCGTACTCGCCAGTGTGCGAACGTGGCGCTGG  
TTGCCATCGAAGCGAAGCGCGCAAGGTACTCGGATGTGAGCGAGTGCATGGAAAT  
GTAAGCCCAGGCTATCTAAATGGGTAATCATAGCATTAAATGGGCATTGTCTC  
TAAAAATGCCTCATTAACGGTGGACTACCCATTCCGGACACAAGACCGGTC  
GTGAGGGCGGCATGGCTAACCAAGGAGGGAAATGGCGACACGAATCTCAAAA

AGGGTAATAAATTAAAAATTGCCCCATTACTCCATTGTTACCCCATTCCCAGGCC  
CAACCTAGGGCAAAGGCAAATGGGAAGGGAACGGCCTCAAGGGACAACAGCCCT  
ATCCAGAAAAGGAAAAGGCTGCCCTGTCCATTGTCATGCAACACTTGGCCAATCC  
GTCCCTATGCCCGCCGCTACCCTCCGCAGCACTCAGATAGTCCGCCAGTCCTGCA  
ACAGCGTCTTCTGATCCAGCAGCAGCGCTTGTACGTGCCCCGACCTTGTT  
GCTTCCACGTGGCAAGCTGCCCTCAATGCATCAGGCCGTATCCATTCTCATT  
GGCCCAGGTCGAAAAGGTCGTCCGCCAGCAATGCGCGTGTACCCGCCAGAT  
TCATGTCACGCATGGCGTAGGTGAGTCGGTGGCGTAGTGAAGCCCTGCCGCTCC  
GGTGCAGGAACAGATAGCGCCACCGCCGTGATGCACTGCAAATCCTCAGCACG  
GCAATGCCCTGCACAGACAACGGGCTGACATGGTCGCCGCGCTTCATCTCGTC  
GCAGGCCGACGCCACAGTCATCCTCAAAGTCGAGCTCGTCCCACCGCATCCGCC  
GCTTCCCTGGACGGCAGGCGGTAGCGCAATCAACCGCAGACACAAAGAGGTTTC  
CGGATAGCCCCGGTAGCCCGCAACTCCTGATAGAACCTCTGGATTGCTCTCGCGT  
CATCGCCGCTTGCTCTCGCTGAACGGCACGCGTAGCAGCCCGCGCAGGCTGGAA  
TTGGATTGGCCTCTACCAGGCCTCGCACCACTGCGAACTCAAAGATGCCGCCAGAT  
CGCCTTGACGTGAATAGCTGCCACCGTGGCGAACGAGCTTCCAGCAGCG  
GACGAATCTGTTAACGCCAATGCGCTCATGGCATCCGTCGAATTGGCGACA  
GATATTCCCTGATACGGACTCTTCGTGGTAGGAACGAGCGCAAAACAGGGCT  
TGATCTGGCTAGATACGCCCTGCCACCGTGGCGAACGAGCTTCCATTGCGCGCT  
TGCCTCCCTCCAGCGCTTCGAGGGTGCCTGCTGACCTGCTGTCATGGCGG  
GGTGAATACCTGTTGACCAAGGCGGGCCTCTCGAACCGCACGCCCTCAG  
CAAGGCTTACTGAGGAAAGGCCAATGGCAAAGAGGTTCTCCTGCCCTGAGGC  
GGTACTTCCACGCCACAGCTGCCGCCGTGGCTTGACCAACAGGAACAAGCCC  
CCGCCGTCTGAAAGTTCCAGTCTCGATCAGTCGGTTGCCGCCCTGACCTGGCAT  
CACTGAGTAGATTTGGCATCGTGGACTCCACTGAGGGAAAAGTACCCCCAC  
GGTTGAACACGAGTACCCCCAACGCTACCCCGAATTTCGGACCTCGATGAACAA  
TAGGAACGCTCAGCAGACCGTATTGTTGGCAAGACCTGATTAAAAAGACCTGAC  
CAATCTACCAAGCGCTACCAATGCTCCTGAGTTCCGAAAAATTGTCAGACGTTGA  
AGCGGAAGTGCAGCACATGCCCTCCTGACGCGATATTCCCTGCCCTCAGGCCA  
GACGACCGGCATCGCGCGCCGGTTGCCGCCGTACTTGATGAAGTCGCGAAA  
CCGATCGTCTCGCGCGGATGAAGCCCTCTCGAAATCGGTGTGGATACCGCTGCG  
GCCTGCCGCCAGTGGAGCCGGCTTGACCGTCCACGCACGCACTCCTGACGCC  
GCGGTGAAGTAGGTCTGCAGGCCAAGCAGCTTGTAGGCCGCGAATGACGCGATT  
CAAGCCGGCTCGGTAGGCCAGGTGGCCAGGAAGGTGCGGATCTCGTGT  
CGAGCTGCGACAGTCTCCTCGATCGCTGCCAGACCGGCAACACTGGCGCCTT  
CGGTCACTGCATGCGCACGCACTGCATCCAGGTGCGGATTGTTCTCGAAACCAC  
CGAGCACGTTGGCGATGTACAGCAC

>CONTIG\_8\_length\_19073\_cov\_7.034994

ATCTTGAACTCATCCGTATATCGCTTGCTGCTCATAGACACCTCCGAATCGACTATT  
TCCATGCCCTGAGATGTCTAGGAAACCCTGGCGTATCAATCCTATGCCAGCACT

GTCTAGACGATCAAGGAGGGGGTGTGCTCAGAGGGTTCAAGTCGTGTCAGTTCC  
GGAAGGACTGAGTGAGAGCAGTCGTGCGGGCGAGTCGTCGGCGAAGACAA  
AAAAAAGAAGTGCACGACCTCTGGATCAATTCATCAGCCGAATGGCGAATCAG  
TGCAGCAGCCTGAGTGCAGTGGTTCCCATTGTTCCGCCATGTCTTATTCC  
CATTGCACCACGATGAGGCGTAGCTTGCCTGGCAGGGTAGAAGAGCGC  
TTCGGGCTCCGGTCTTGATTGAGTCGTCGGAAAGAGCGCTGATGCACTCTG  
GGCGTGAATGACAAGAAATACTGCAAAACCGACGATGGAAAGCACTCGACTACAA  
CAAGAGAAATCTATCAACCAGCACATCCACATGATGTTGGTATGCCATCGCG  
AGATGATGCACAACACAGAACAGCTTCTGAGCAGCACACAAAAGCATTGCGG  
TCGAGGACTGGATAAGGAAAAGCTCGCGAACACAACCCCTCACCCGGATCTT  
CAGAGATGGTGCCTGCAAGCTCATTGACCTAACGCTAAACATGAAGCGCG  
GTGCTTCTGAAGCACAGGCCTCAATGGAAATGGCCTGGACTCCGTTGAGTTGGT  
GTCGCTCACAAAGTCCGGTAAGCACCTCACGCCATTGATCGGAGTATCTCAAT  
CGTTGGAGCGCCGCTTCACGGCTCGCGAGGATGCGCTGGATGTGTTGAT  
CGCCTAGCGCCCCAGTTGCTCCACAAGAGATCTAATTCAAAGGACGAAGCCATG  
AGCTACCGCAACAAGACCTATGTTGCTTGCAGCGAACATTCGCTTACTAC  
ATGATGAAGGCTGGAAAAACAACGATAAGATCGAGTTGACTTACGATGCCA  
TGACCTGTTCCAGGCCCGACAAAAGCTGCCCAGGATCAAGGCAAGGCTTC  
GAGAACGGTTGAAAATGCCAAGCAAGTCGTGCTGGGGAGTGCTACGCCAAG  
ACGAAAGGCGCGATGGCACTCGTCTGGCCACGAAATCGAGGTGATCCAAGA  
ATTGATTACCGATCGTGGTAGCCAATCTGATCAAGACCGAAAGGTGGATCGGAA  
CTTCATCCCCAAGCCGCTACTCGATGCCAACCAACTACACTGTATCGGTGTTCCA  
ACCGCGATCATCAAGTATCGCCTGATAAAATATGTGCCAAACTCCAGTAAAAG  
GGCGAAGGGCCGATGAGTATCCGGCAAGCATCTACCAAGACCTCGGACTGTAAG  
GAGGGTTGGTAATGAGTGAACCTCTCAAGACATGAAGACGCGACGGTTTGG  
GCAAATTGACCAAAACCTCGCCTGGGACGGTCACTGCCGTGGTCAAAGG  
TGTTGTCACCTCTGGCTGAGCACGCCATTGGTTGGGGCGGAACAATCTTGT  
GATCGCTTGGGTTGCGCACTTATCGGCTGGGCTGACTTGGCCCGTCCAAT  
TGAGTGCAGTATGGCTCGCCTCACACAAAGATCAAGATTGCAAGGGCAATTGTT  
CGAAGAGAAAAACGACCTGGTTGTTGGATACCAACTCTTGACACGGAAATTCC  
GCAGATCATCGAGCGCAAGAGTTGCTCGGCCAGACCATCGATCAGTTGATGGCG  
GCGACTGGAAGCGATTGGATACGGAACGTGATGATCGCCCTGACGGCAAAGCACC  
GTTGACAACATTAACAAGCCGGCAAGCAAGATCTACGAGTTGGCAGCGTGGC  
CACGGTGTCAAGCGGTTCGCGTAGGGCTTTCTCCGCTATTCCAGATGAATGC  
CAACAATAACGCCAGCACCACCATAGAGACGCTGACCAAGAGCCTCATCTGCTT  
GGGACGAGGTATCGCCAAAGGCAACGCCAGCCGGTAGCGATTACCCCTGGG  
AGCGGACTATCGAGGATCTGGGTGTGCTCCAGCACAAGATTCCATTGCGCTGATA  
ATCTGACCTTCATGTTGCCTCCGAAGGCAAAAGGTAGCGACGAACCTACGGT  
GTCGTGCCAGAGTCGATCTCAAAAAGTGGATCGCTTAGAGTTGCAGGCCCTTT  
TCTTCGCTCGGAGTTGATGAGCCAGGCGCTGGTGTGCCGAAAACGATGCAT

GGCGCTTTGCGACTACCTCAGTGGCAAGCGCCCTAACACTATCTTGCGCCAGAC  
ATTGGGCCGAAACGCTCGTCACGCGAGCAGCAGGTTAGGCCCATCTGCTGGTG  
ATCCCCATCGCCCACCGAGCAAGTCTTCTGGATCTGCACGAGTCCGAAGCTCAGACG  
CTGATGCTGGCGGTGCGCGATCGGCAAGACTCATTGACCAGGCGTATCAGCGCCC  
CGGGATTGCCGTTGGAAAACAACGGTGTGATGCCGACCAGACCATTGCGCACCT  
GCACTTCCATGTGGCTGGCACGCTCGATGAAGGCGGGACGGAGCGAGGGGAGGTTG  
AGGAGCTTCCCTGGAAGCGACTGAGGCATTGCCAGGCGTCTGCTGAAAGCTAG  
CTTTCAAAGATCGGCTGCTCAAACACTCAGACTAAAAGGAAGCACTGATGGCAGA  
GCTTGGGAAGTATCGGCGGTATTGCCATGCCGGATCTGCAATGGATCTTGCGCC  
AAGTAGCTACTGCCAGTGCCGGCATCAATTGCCGGCAATGCCAATCGCAG  
CGGTGACCTGGCGGGCCATGGCGATCGCTCTTCTGTTGAGATCAAACCTCA  
AAGTTCTAAGTTCTCTGAGTGGAGGAGAAGGACCGAGGCCGGGGTCAAGC  
GCCGAAGCACCGTATGCATCTATCTTGGAGATGGCTAAGGCTTGGAAATGGTCTC  
CGACTGCCACTCGGCACAGGACCAAGTGATTGCGTTGAGGTGTCATCACTTG  
CCTATTGGAGGTTGTTCTGCCGGCGCTTGAATGAACAGCTTGCTGCAGCCCT  
ATCTGCGCGCCGTTCTGAACGGCAGTTGCATAAGCATGGCTGAGCAATGTCATCA  
AAGCGCTACGGGAGATCTGAGCCTGGCTACGCACCCATGGCGTCTTCTGATG  
GAAGCGTTGCTTTCGTCGTTGCCAGGCAGCAACCGTAGGGGCTGCACACCAGAAG  
CATCTCGGGATCGTCGCTAACCAAACGCTCCCCAGTCCTCATCTTGGTATCCACTC  
GGGCTCGATGTTCTGAGTTCAACACCTATGTCAAGACGCTTGGCAGCTCACCT  
GCCAAAAGCGAACCGATCAACACGATGCCATCTCAACTGGGGATGGCAACGGAT  
CATGCGAACGACCGATGATCTGCTGAGCTTCTCACGAGCTAACGGTTGTTCGCT  
CTTGATCCGGGGAGCCCCGGCTTGGTAAGACCAGCCGTGTTGCTTCGGC  
AGCCGACATCGATGCCAGCCGGCTGCTGAAAAGGCCCTCGATCCTCTGCCAAAC  
CGGCACCAAGAAGTGGCCAAGGCCACCTAACGCGATGCTTGGCAGATGATCGG  
GTGCTGCGCCTGAGGACGTCCTCCAAGTGCACGCCAGGGTTGAGCGATGGCCTCAGTGAA  
GGATGTTGATGCAAAAGCGCTGAAACATAGCGTTGAGCCATACTAACGCTCGGAA  
GTTCAAGGATATCAGCAGCGCCATGCCAGCTGGACTCGTTGAAGACTCGAACAGCGGTCTC  
CGCATTCTGCAACGGCGTCCAATTGCCCGAAGGCCAGAGCGCTGAGATAAGCCA  
CGGCCAAATGACGGCACTCGGAGCCAGGGTTGAGCGATGGCCTCAGTGAA  
TGCTGCACGCGTTCTGTTCCGCGCTTGAAGCGAAGTGGACTCCCCGTACCAAT  
GATCTGGCAACTCCGATTCCCAGAGCAGCAGCTGGAGATAGTGCCTGCTACAAAGCT  
CGTTGAAGCGTCTGGCTCAGTAGCTGCTGATGGTGCATGAGGGGTTGAGAGACT  
GGTTGCTCCGTATGGGTGCACCTCGCGCATGATGGGCTTGGATCTGATCAGAGC  
GCGCGATTGGTGGCCGTTAAGTGGCAAGTTGTGGGGCTTCTGAAGTGAATTGATATTGT  
TCATGCCATACATCTAACGCTCGATCGAGCATTGCAATCAGCTCTGCCAATGGCA  
TGTGTCCATCGAGGAAGTCTGCCAAAGTGCCTAACAGTGAGGCCAGAATAAAAAGA  
TTATCACTGCCAAGCGGCTTCATATGACGGCACTCTGGCAAACACTGCGACCAACTT  
CTGATCAAAGGGCAGACGCCATGCACAGGGATTCAAGGTGGTTGCTCACCAGCC  
ACATTGAGCGACTATGACACCCTGGGGCGCATCGTGAGGGACGATCATCAGCACGA

GGTCGATCAAGCGCTCGATCGTTGTTGCCAGACGGCGTGATCAACGCCAAGGC  
GCTAGGCGAGAACTGGTTCCCTTAGTAGAGGCCGATATCTCATTGCACTCGCA  
CCATGATCAAGACAGCGCGCTCGCTGGCGGGATGGCTCAAAGCGAGCTGGCT  
CAAAGCGTTGTAGACTCAGTTGTGGAGGAGTGCTATGCCCTTGAAGGCGAT  
TGACAACGCTCATTGCCCTGAACGAGGACAAGAAATTACGACTACAAGCGTCGAA  
ACCTTCAACCAGCCATGTCCACATGATGCTGTGATGCCATTGCAAGATGATGG  
ATCAGGCGGAGGCTGTTCTCATCAATTGCCCAATGCGATGTCGGCAGAAGGCA  
CGACAAAGAACATGGTCAGACCTCGTCCCCCTGGATCTTGCAGAACTCGGTCTCACGC  
ATCTCCTCGTCAAACCGGACCCAAGCGCTCGCGTTAGCGCTCGAATCTCGCGAAG  
TCAAAGCCATGGATAGCGCACCCTGCGTGGATGTCAGCAGCTGGATCTGCCCAG  
CTCAGTCCCATTGATGCGTCAACACTCACCCAGTGGCGCCGCGTTCGAGATCAATAC  
GACCATGCGCTCGACGCTTGTATGCGCTGTCCCGCCACTGAAGAGGCGCTAGGCG  
ACGAAGTCCTATCGAACACGACTTTGCCAGCGAGAAATTGAGCAGTGTTCATT  
CCAGGCAGGACAGCGATAGGGTGTGTTCTCGCTTAAGAGATCGCGATGATCT  
AAGAGTTTAACGCCCTGACCGTAGCCAATCTGATAAAAGCAGACACTCAATCCT  
GCCGTGATCTAACGCCCCCTGCTTGAGGCAATCACGGGCTGGTCTCGTCCGTATT  
GACCCAAGATCATTAAATTGCGGTGACTAGTTCTCCCGCTACGAGAGCAAAA  
AAGGGCGCGCGTCAATTGTTCCGGAGCAGGTCTATTGGGATCTGCGGCTGAGC  
TAAGGAGCTACAACAGATGTCAAAGTTGCCATCAACGACGGTAAGGTTGGTCGG  
CATTCCAGAACATGCCCTCGGATTCTCGCGGTTGGCAGGCGTTGATCTTGT  
CGACTTGGCGTCAGGGCGAAGCTCAAATCGCGTATGGTTTGCTGCGCTAAT  
CCTCGTTACCTCGCTGGCGTTGGCCAACCGCGTTAACGAGGTAAAGCAGGTGAAGTTGAA  
GATCGAAGGCAGCACGGTGCATGTCAAAGTCGGTACATCTCAAGGAATGCGACT  
TCAAAGCCATCGCATTCAATGACTTCTCGATACGCAAGTTGATGTGATCATTG  
CCAAAGCAACGGTCAATGGCAGGTTCATCGAAACGGTCTCGGGAAAAATTGCGCT  
GACCTCAATGCCCGCTCAATGCCACAACCTCGAACCCGATGAGATCGTGGGCA  
AGAAATAACCGGTGAGAAAGGCCAAGGATTGGGTTCATCCGGGACAATATTG  
TCTATGGCGACTATCTGCTCACTGCCTTGCCAAGTTCAAGCTGGGACAAGGTCAACG  
GCGTTACGCCAGAAAAGCGTGGCAACGACCATCTTGGCTCAGGCATACGCGC  
ATCAAGGGTCATGGACCATCAGCGACGAGGACTTGTGAAGATCATGCTCTGGAC  
CTTCGCGATCAGCGAAATGCGCTCAAGCACCCAGCTAACGACCGATCGTCTG  
TCCCGCAAGATTGATGAGATCAACCTGCTGGATATTGAGGTCAGGAGGAATGGTCT  
GTGAGCCTTACACCGTGATCCGACGCTTAGTTCAACGACCGATCGTCTGGCAAGGCC  
GCAGCCATTGACAAGAAGTGCCTCATGCTAGATCGTCTGGCAAGGCCGCTGTGC  
GCAAATCATGCTACCGAGAGTGCGCTGGTACCATCGCTAAATTGAAAGAGAGC  
GCCCTGACGAAATTGCGTCTGGCCTACGGTTGCTCAGGGAGGTGTTATGTATTG  
AGTGAACCACCGCGACGATGTTGAAATAGATTGCGTTAACATAATCAAGCCGC  
CGTTGTGAGGCGGCTGATTGGATTGGCTTATCGCGCATTGGATTGCCCGTTG  
GATTGGTCTGCTGACAAATGCCAGAGAGTCGAGGGTGCCAACGCTTGT

CTTGGAAAGAAGTCCAGGAAGCCAGCTTGAATAACATCGTCATGCAGCGGAATGGTG  
CGGATTGCGCTTTCTTAGGGCGCTGGCGCGTGACGGAGCCTGTGCTCTTCAAA  
TCGTCATCTACTGTCATACGAATGACCAAACACCCTGACGGCTTATCGCAAACACAA  
TCAGCAATTAAAGCTGCGCATCTGCCAATGCGCGCCTGCATAGAGGCCAAG  
AAATGGGCGCCACTAACGTTGAGGTGCTCTAGGGCGACCGCGTCTCGCGTTGCTGC  
ATTACATCTCGGGCGTGGCGGGCAAAACGCAGTCAAGACGCAACTCGCTCGAATG  
CATGGTCTCGACGGGCCAAGGTCATGGAAGCGTTATTGTCACCTGGTCACAGCTC  
GATCCGGATGATTACCGTTACATGCGCGTAGACGGAAACTGGCGCGTCACGA  
TGACCGGATGGATCTCCTCACGGCATAAATCTGATTTCAGGGGCTCGCGCAG  
GACATGGCGTCACCTAACGATTGACGACAGATCCATTAGGATGGACGTGGCGTTG  
GTCTGGCAATTCCGGGAAGGCTGGTGGCGATGACCAATGTGAGCAAAGCAGAG  
AGCTTCGAGGAAGGGCTTCCTCGAGCAGCACTTGAAGTCATGCCAAGCGCGATGA  
GCGCAATGCCGTCAATGCCGAGACTTCTCTGCGCAAGATGCTCGATAA  
ATCACTGGGCACAACGCGCTTACCCAAAGCTATGGCTGAGTTTATCTCAGCATTCC  
GAGGCGTCAGTCGACAAGCTCAAACGAGAACACGGCAATCCGTTTGATCAGCA  
AGAGCACGCCAGATCTATCCCCAAAGTGGACCTCTGACGTGGTATGCGCAAGTC  
ACCAAAGCCCAGGAGAAGATCCAAGATCCGATCTCGGGCAACTCGGTGAAACGGG  
GAAGGGCATTCCATTCTGTGATCCGTGAATCGGCTGGCAAGATCAAGAGCGTGAT  
CTCACATGCCGATCACGGGCTCGACATGAGTGTGATTGAAGAAGCTTCAGCA  
AGGCGCAACGATCTGGCCCTGACCATCGATCAAGCCTGGCGCTGCCTGGCAATC  
AAACCTGAGAAGAGGCCGTTGGCGAAACGCCCTACCGGTTGCATCTGATGGCGTCC  
ATGATGCCAAGATGGCGTGGCTGGATGCCAAGAGTTAGACGAAGACACGAAGGCC  
GTTAGCGCGGCCACCCACGTATTGGCTGCCTGGCATCCGGCGCTGGCG  
TTATCGGCACGGATGAATGGATGTTCAAGCGATCGTGGCGATTGTCCTGTAGCGA  
CGTGCCTGCGATGCATAGATTGCGTCCGAAGCTTGGCAAGTCGTCAAGCGCGGAG  
AGCAAGATGAAATACACCATCGAGATCAATGCGACGGTCCAAGTCGCCACTACAT  
GAAAGTTGAAGCAAGCTCGCCGCAGGAGGCCGCTGCTCAATGCGATGTCGACACGA  
TTGCGAACAGTGAGTTGATTCGAAGAATGGTTAGCGCACCTGAGATCCATCGCA  
TCGAAGATGAAACCGGCACGCTCATTGCGTGTGACTACGGAGGACCATGTCCTGACA  
TCGACGATTGTGAGTTCAAGCTTCTGCCATCTAATCGATGGGTGCCATACGCTTG  
GACTTGACGGAAAGGCATGATGGCCTAGATTGAATAGAAGGAGACGAAATGGAACA  
GGCAATTAGAAATAGTATTAGACAGGCAGTGAAGCGGGGAAGCGAGGCATATGTGC  
AGTCGCTTGTGGCTCAGGATGATGCTGATGCTGCAGCACGCTACGCCATTGAGG  
TGGCAATCAAGAGCGGCAAAGAAGGCTGGTGTCAACTGGTGCCACTGTTGCG  
AAGTCGTTGCGGTCTATCCGCTGATGTTGCGACGCCAGAGGATGACGAGGCATTGGT  
GTGGAGCAGCTCATGGTATTGCGACGCCAGAGGATGACGAGGCATTGGTGTGCT  
GCCAGGCACGGCACACGGAGTGTCAAACGCCCTGCTCAAGGAGTGTAAATCCCTT  
GCAAGGCATTCTCAGGCCTGTTGAGATGCCAAGGCGCAGGGCAGTCGAGCGCTGATCG  
TCTTCAATTGGCCTGTTCTCAGATGCCAAGGCGCAGGGCAGTCGAGCGCTGATCG  
CCGCTTGTGAGAGGGTCACTTGGAAAGCGGTCAAGCATTGTTGCCATTCTCATCGA

AGATCCAATGTGCGCTGCATGGCTTGGCGGGCGAGAACAAATCATGCCAG  
GTCGTTGAGTTCTGATCGAAGCTGGTCTCCAGATCCGAAGACACGTTCTG  
GGTCTCAATGTTGCTGTCAGAACAGGCCATGAAACAGCTGGTGCAGCAGATACTTGG  
GCGATCGTCAGAACAGGCCATGCGCCGCGACTTGGCAGAAAGCACTGTCGC  
TGCAGCAACGAAGGGCGATGCAGGAATGGTCAAGTCGATCTGGAGTCGCCCACA  
AGACCACCTATCCAGAGGCCGGCTTGTGCACTCCAAAATGACCATGATGAAG  
TGGCGGATGTTCTGGTTCGCCAGTGAACCTAGATCACGTGCGCAATTGATCTCGG  
ACGAAGAGATCGAAGCCAAGCTGATGAAGCGATTGCCAGACTTGACGCTGCGAAG  
CAGCACAGAGAGCTCAATCCAACGAGCGCAAGAGATTGCGCAGAGCAATACGTC  
AAGTTCAATAGAGAACAGCCCTGCTCGCCGCGACGCTGTAAGCGAGTGCTGTAG  
AAAGACGCCCTGGATGTCATGGCATCCTCAGTCCGTTGCTCTAAGGACCTACTTT  
CGTATCTCCCAATCGCCACGCGATAGGGTTCGGACCTGATGGAGGTAGTGTCTAG  
ATGGCGATCAGGTAGAGCTGCTGGCAATGATGTGGCTCGGATCTTCGCTCACCC  
TTTCCCAGAGTTCTGAGTCGCCTCGCGATACAGGACCAAGAAGGCGATGCTTTCT  
GTGGTCGCCTCATCTTACAGCATGCTGCCAGCAAACCCGGCAGGATCGCTACC  
AACAGACCGACGAGAAATAGTGTAAAGTGAGATAAAACTCCGAGGCAGCGATGCC  
GGCGATGAGGAAATAAGCTTAATCCATGGATGTCGAGGAAAAATTCTTGATTC  
GACCTTCGCCAACTGGTCGGGTGGCAACCGGTAGATCAAACACTGCGATCCACACA  
AAAACAAAGGCTGTTGCTACGGAAACCCAGGGAGGAGCGAAACATTCAAGCC  
CTTGCAGCACGATGGCATAGTAGCCGCAACAAACCTCAGTCGGCCGATTGGGGA  
AATAGGTCGGCTGAACGCCAGGCTTGAGGTAGCTGGTAGGCAACATGTCCG  
CATCCGTGAAGCACGATTCCAGCCAGCGTCGTATGGCAGCTAGGCTACCGACGAA  
GCGTGTGATGGACCACGACCGTCTGGAGGACGCAGTATCCGGTCTCTGGTAGCGA  
GGTGGAACGCTTCGATCGGACAATTTCGGTATGGCGATGATTCTCGTAGTCATCA  
ATTGCTGGACAAGAAGGTTCCGTAGCCAATCCATTGCTTCATCGAGATCGAGGTT  
CGAGCTGGCATAGGACACTTGAAGCAAGTGAGGCGAAAGCAGACTGTCCCATT  
GGCTGGCCAGATTTCGCATCTGCCAATAGCACTTCAATAGATGGGCTGGTAGCG  
TGGCAATTGATTGAGCGCTGTCTCGATGTTCTCAAGGGCATTGGACCCCGCTGA  
TCTCGACCCCCAGTCGGTACCCCTGAGCCTGAAGTCCCTGGCATTGAGCAAGCAAG  
CGATTGCATCGTGGCCGATGCCAGCCAAGTGAGAAGCAGGATGTCGCTTCCCC  
TATCCAGAACGAGTTGATCATCCAAGCTGTGTTGCTGGTAGCTGGCCGCTTC  
CGATGAAGCGCTGCGCACCGCATCCACGAACGTCGGCGTAGTGTCCCCATTAG  
ATCGCTCGCATGGTTGACGCACCTTGGTATGCACGCGTCCGCCGCGCTGAAC  
AACGGTGGCGGCCACTTGGCAGACACATAGATTGCTTCTGGCCTTC  
ATTGCTCGACCAGCCAGGTGCAGGCCACCAAAACAAGATA  
CGCTGGCCGGTCGTGAG  
CATCTGAGAGACGGCAGGGTGCCAAGCGGTTGCCAGCGCAGAACATCCGAAATT  
CTTCGTCGACCGTGAACGCTGCATAGAACGAGTAGTGGTAGCAGATA  
CGGTACCG  
ACAGATCCGTGCAACAAGAGCCCAGATCCGTCTGAATCAAGATGTTGCTGCC  
AAATGGCGCAAGAGCTGACAAACGCATCACGAGACACTTGATTGAAAGGGCATT  
GGGGCGCACAGCAACTGGAATGCCTGAGGTGCAGTCAGGCCACTGCGCAA

TGGCGGAAAGGAGCTGGATGAAGGTGGAAAGATGCGCACCTTGACCACAGGC  
GGCTCATACCATTTCGGTGAGCAGCATGACTACGGCAAAGTCTGGAAGGTGTCG  
AGCCTCAGCGTGGTCAAGATCCGCTTGCAGTCGATGGCGTCTCAATCACATAG  
CCCGCGCAAGATCGCAGCTCACCTTGCCTTCCGGATCTGCCATCGTTGACGG  
AGACTGGCAACGGTAGGGGGCGTCCAATCTGGCAACGCTCTGACCAGCGCCGAT  
ATCGATGCCAAGCTCAACGTGTTGGTCAAACGGCAGTCGCTGGCTGATTCTTG  
TTGAGCGCAGCCTCAGTGTGTAACGGATTCTTGGAAAGACTGCCATGGTGAGG  
CCAGAACTCGCGCAAACGCCCTTCTGCAAAGCTCATTGAGCAGGTGTGTATA  
GCGCTGACCTCACGGCGCTGTTGGAAAGACCAAGGTTGCTACCTCGAAGGAT  
TTGAACAAATGCTCGGCCACAGCCAATGGTGTAGTTCTGCTCTCCTTGTCA  
TCAGCTTCGCCCTTGAGGAACAGGTTCTCAAAGCCTTGATGATAAGGAGAAAGT  
TCTGACGCATCGGAAGGGCGTCGACAATCGCGCGGTGCCGCTGGACGCAGAAA  
GCGCGCCGCAGCCTGCATGTCACCCAGTGTGCCGATAGCCAATGCGAGGCACCT  
GCGTCCAACGACGGTATCGATCCGTCAGCAAGGATTGAAGTTGTTGCCGCGCTC  
GCTGCCGATGAAGGCATGTAGCTCGATCACAAAGTAGGCAAGGTGCTGAAGA  
TGCCGGCAACCGAGGTGCCCGATTGCATAGCATCGCTCCAGCGACTCTGGTGTAA  
TCAGAACGACGCCATGTGGTTCTGAAGAACGTTGCTGTGCTGATGT  
CGCCATGCCACGCCAACCGGAATGTCGAGGTCTCGCACAGTCGCTCCAATCGAC  
CGAATTGATCATTGATCAAGGCCTCAAGGGCTGATGTAACGATCAAACCTGCTG  
GGGTTGCTGTCGAGATACGTCAGCGCTGGAGAAAGGCCGCTCCGCTTCCCCG  
AGGCGGTGCTAGCAGCACGATCACATCTGATCGCAGGCAGGATCAGTGGATG  
GCCATTCTGGACATCCGCAGGGCTCCATTGCTCTGCCACAAGTAGCGCTGG  
ATGCCTGGCGAAAGAACGAGAGAGAACGGCGTTGACTGGCTATGGATTAAAGCTTGA  
CGAACGCAATTGTCATCCCTGAAACCGCGAGATCTCGTCGCCGCTGGCTTC  
TTAACCTCAACCTCGCCGATCAACGTTGCCAGGCCGTGCCAGGGTTTGCTCAA  
GACCGCCAACAGATTGATGAACGCCGTGATTGATGCGGGGGCGTGCAGAACG  
TGTCACCAATCCGATTGGCGCAGTGCTCCATGAATTGCTGGATTGCTCGTCA  
GCAGATACTTATCCGCATCACCGCCTGCGTAGACATGACGGATCTGGTCAAAGCA  
CATAGAACGACTTCCGCACTGAGGCTCGAAAGTCGCACTACAGGTCAGAGAACG  
ACCAGACCTCCTGGCAAAGGTGTTGGCCAAGCGACTTGAAGCGCTGGTAG  
CTGTAACACCGCGCCGGGTGTCATCAAGAACGCTTGCGCTGCCACCCACACGAA  
GCCAAGGCCACTGCCGTGCCATTGGAAGGAGTCATTGAGCATGCGCAGGATCTGCT  
CATAGTCGAGTTGCGTGCCTGTGCGTTGCAAGCTTATAGAGATTGACGAGCTCGT  
CCAGGCACACCAGAACGCCGCTAAAGCCAGGCCAGCGCACGAAGGCCCATCAGT  
TTGAGCTGATCGTAGACCGAGGCATCATGACAATTGAGCGCACACCCAGCGCAGC  
TTTGGCATCGGTCTGGTGGAGAACTGCCACGCAACCAGCGAATGGCATCGGATT  
GAGTTGCTCATGCCATTGCTTGTCAAAGCCCTGCAATAAGCCGAATGACATCAGCGAA  
GTCATAGCCGTTAACGAGTTCCGTCAGGTGCTCAAGTTGGCGCGGATGATTGCTC  
GGTGGGAACATCCTTGCTTGGCTCGGTCTAGCGGTGCGATGAATTTCACC  
ACTCCTGACAATGCGCCACCCTCCGGCTTGTGCGGGTAGCCAAGTTGCGCATCAGT

TCCGCATAAAGCGAACGGGCTTGGCCACCGGAGGCATGCAAACGCCATGGGATT  
GAGGTCCGCACTCGCCACAACAAGCTTGCCTCATGGCAATGGCACGCACGAGGT  
TGAGGAAGAAGGTCTTGCAGCACCCTGATTGCCAACGACCAGTCGGAACGAGGAG  
CCGCCATCGGCCAACGATCAATGTCGCTGACCAACGTTCGACTTCGCAATGCGC  
CCAACCTGGATCAGGTGCTGACCCGCACGAGGCACAACACCTGCACGCAATGACTG  
GATGACCGCATCACGATCTTGGCACGAATAGGGTGCTCATTGCTCTATTCGA  
TGAACCTGGGTTGATCTCCACCGATCGTCTCCTCAGAGAATGGGATGTCATAAG  
CATCAAACGATGCATCATTGATATGCTCAAGTGCCTCGAGCATCAGCTCCAGAT  
CCGAAGCGCCATCTCCAGTCGGAGCGCGTCCAGTTGGTCGGAGAGCATGAGG  
CGCAGCAGTGCCTATGTGCTTCATCCAAACCCAACAGGCCAGGAGTAGAACGCAGC  
TTCTGACTGGGAGCGGCAGTGCTTGGGCTCGATGATGGGCTCAGGCACATCCTC  
GGTAAATATGCCAGCCAAGAGGGCAGAGACCTTGGCGGTATCGTGTGGAGTCGG  
CAATACGTTGGGTCCAGGCAGAACCGCTTGGCTGGCTCACCTGGTGGCTTC  
TTCCCGCGCTCACGGCATGGACGTCACTAAAGACACGCTTGGTCCACGCCAGCG  
TCTTGTAAACCTCTCCAAGAACGCATTTCGCTGGCAGACCGTGCCTCACTT  
GCGCAAGGCTTGCATTGAGGCCGATTGTTCTGGTGGTTGATCCAATGGAT  
CAAGCTTTCTTGAGCGAGGCCAGGGTATGGGTGCTGGCTAGCCACACAAGAT  
GCGCACGAAGGCCTGTTGGTGGCGGGACTGAGGTGACTCCATGCATCAATCTC  
GCCAAGATGTTGATTTCGACTGAAATGCCATCAGCCTGCGAACGGTGG  
AAGCAAGTTGCAAGGTCAACAGTGCATTGATACGCGCTGCTTGGGCTGATGGG  
TTTGGCCGGGAGCAACGCAAGAGGACACAGGATCAGTGTGCCAGGCCTCGC  
GCGCCTCGAGCACATTGGCTCATGCCATGTGAGGCCCTCAAGCATCCTGGCA  
AGGTCTGGATCTTCTGGTTGAGTGATGCCACCATGCCAAGCGATCGGCA  
AGCTCGCTCAGCGCAGGGTATCGCACGGCGTTGAACCTCGTCCACCAGCAATTG  
GAGCGCTGCTTGCAGGGCAGGCCAAATACTGGTGGCAGGTGAGCAAGCCAT  
CCAACGTATTCCGAGCCTCGGGTTCTGTTGATAAGGCGACTCAGCGGCCAGGTT  
CATCCGTGCATTGCTGGACGATTCTGTTGAGCTTCTGATGGGCCCGTGAGCGCTG  
TGACATCGGTGCTCGCAAACGTCTTGGTTGAAGCTGCTGCCATAAAAGGCAG  
GGGAAAATGTTGTCTCGAAAATTCACTGGTGGCTCTGGCAGGACCAACC  
CCCGTCAAAAGCTCCGGTAGCGCTAACGAAGAGCTGATCGAATTCTCAGCG  
CAGCGGACAGTAGGAGTGCATGGATACTCTGGCTGAGGCGTCCCAGGCAAG  
GGCCAAGGGTGGGAACCGGGCACGATCCAAGGAGCATTGACCCAAGGCTAGG  
CGGAGGTAAAACGGAAGCTCATGGTGCCTGAAAGCGGGAAAGCGGCTGGTGA  
AAGTTGTCCTCAATGTCATCGAGTTCCATCCAGTCAGCAAGCTGTTGGTAGCT  
TCGAATTCTGCCCCATCGGCTTGCCTAAACGGCATCGAGTTGCCCTGAGCGTTGCTT  
GATGACTGGCCAGTCCTGCTCGAATCGGCTCTGACGCCATCGAGCACACCCG  
CCTTCGATGCCATACAGAAACCGGAGCACATATGTGCTGGCACTCGGGATCGGA  
TCGATCAGAACGCCAGCCAATTGATGTAAGCGCGGCGTTCACTGGCAGATAGGT  
CGTAGCTCCCCAATAGCCACTTGGCTCGCGATAGTCGCCAGTTGCTGCAACAGAAA  
GGCGGCCATTGACCAAGCTCGGTTCGTCTCCGCCTGTTGGCGTAGCGAGATTGATCC

CCCGTAGAACAGCCCACCTGAGATTCTACCTCACGAATTCGATGATCTGCCCG  
GCTGCACCAACCGTCTTCTCCCAGCCCGAGGAGGCTGGGCACCAAGAATTCT  
TTGCAGGTGCACTGCCGGCATGGTGCATGAAGTCGTCGTTGGCGTCTCG  
GTTCCGTGCGGGAGGCCGCAGGCAACGGTGGCGGAATGGATGACACCTGTCTCG  
CTCGTCCAACAGGAATAGGCAGCAATGCAGGTGGCAGTGCTGGATCGTCTCAC  
TCTTCAGCAGTGGCGTTGGCTTGCAATCGCACGATCCCGCGTTGGCTTC  
AGTTCCGGCCGGCGTAGGTTGAGCCTGCCAGGGTATGGCCGCTTAGCAGCGACT  
GCACGCATGGCCTGGAGAAGATTGCTGTTCAAGTGCTGCCGATGACGGGCTTCC  
GTAGGTGCCAGGGCATGGTTGCGCTCTGGTGTCTGGTTGTCAGATCGCTT  
GGACTAGGCGAACAGCAGTGGCGTGGCGCTCGGGGCGACGATGATGCCGG  
AGCGTCTGATGCCGCATCAATGGCAGAGTCGCTGCCACTGATTGATGGTTGCTC  
AGCCACAGCGCGCATTGCTCAAGCAAATTGCCGTTGGCTGCTGAGGGACGGGAC  
GATCTTGAGGATTCCGGTGGCGCTCGGTTCCAGTGCAGGACGTGCTGACAGAA  
TGATCGGAGACATTCCGCCTGCCGGAGGGGAGGAGTCGGTGGTACTACTGGT  
GTCGTCGGGCCGTGCTCGCAATGTGCCGCATCGCGTCCGCAAGTCCCCGGTCGG  
TCGGTTGCAGCAAGAGCTGAGTTCTGAGCCTGCCACCTGAGAAGGGGGAAATGA  
TTGGCTCAACGCTGCAGTCGGTTCCACAATGCGCTCGCTGGCAACCCGGTTGCTCTG  
CGAGGGCGATGGAGCGATCGGTGGTTGAGCGGCCTCTAGCATGGAAGAGAGGATCT  
TCCGATTGGCGCTAGCGGGATCAGCGGCTGTAGAGCCACGAGGTTGCTTGAACCTC  
TCTTGTCCCGTCAGTCCGCTAGGGTGGCTCACGCACGATGGGGCGGGCGGCT  
TCTGCTGCGCTGCCACTCACGAAGAGATAAATCCGAAAGCGACCACAACAGTA  
ATGCCGATGGCAATCCACACTTGCTTAGGCACCATCGCGATGACCGCTAATGCGATC  
ACCAATGCGATCACGGTAAGGTCTGAGCCTGCTTTCTCGTCTGCCACGTGG  
CCCCCTGCCCTACGGCGTCTACCTTATTCTAGCGCTTGAAAACACGCAGGGT  
GCTCTGGCTGGCTGCTAGAAATTGAGATCGAGCCTGCTGATTGCTATCCTAATCT  
CAGGGATGGGGGCTAAGATGGCGCTTACAACGATTTCCTCGGTTGAGAGATGG  
GCGCGAGATCAGCTGGCGCCCGAAGCAGTCTGAAGATCTGCGCTGTGATTGAAGC  
TAACCTTGAGCAAATCGCGCGAACGACCCACGCGGGCGTCAGCGCACTGGCTCA  
TCACGCCCTTGATCCGTGCCAGTCTGGTGCCTCGCTGAAAGGGCTGAGACGG  
CAATAGTGGACCAGTCAGAGCTGGATGGACACGCTTGCCAGGCTCAACTGGG  
CCGTTAGGGTTCCGTCGCCAAGAGGTTTGAGCTGATCATCGAACTGTTCTG  
TCTTGGGTGCCAATGGCTGGAAAGAGCAGCCTCTGTGAAGCGCTGAACCTGCAC  
TTCTGGACGCATTGAGGAGGCCACGAGCGTGCATTGGATTCTCGGCCTACTTCG  
ACAATGCCCATGAAGGCCGTATCAGTTGCCGTATTAATTGCTAAGAGCAACGGTG  
CAGAGCACCAGGTTCAACCAGACGAGGAGCGTCATCGGTTCATCATCGAGCGC  
AACCGAATCGAATCATTGCGCGCATGGCGCACGAAGGCCAGCTGAGGCATCGC  
CATGCTGGCGGCAATTGTCGGTCTACTGCCTCAATGATTGCTGGCAGGTTGGT  
GGAAACTGGACCGCAACTCAACCTCGCTCTCCCAAGGCTGCCACTAGCGCAG  
CGACGCGTTGCGATCCAGGCCATGAGGTCAAGATCGCATCCGAAGCTGCCACACA  
CGCTGAGTTGATAGGCACCGGAATCAGGTGGCCACCGCTTGTAGCTGGTCTTGA

CTATTGGGTCTGAAAGCGCGAATTGGCACTGCACAGACCCGGGACGGCTTCAAG  
AGATTCGTGCATTGGCGACACCTTGGCTGCCGAAACGGGAATTGTCCTGAGC  
ACTTGATCGCTCGCGTCGAGCACACCGTGATCTGACCCGAGAGCTGGAAACAACA  
CAGGGAGCGCTTGCAACACCGCTCAAGAAGTCTGTATAGGGAGTTGTATCACTCT  
GTCGTTGCGCTCCAAGACGCACATGCAGATCGCTGCCCGCGTGCAGACAGCCCGCT  
GGACCAAAGTGGCTATCAATCCTTCGGTCGGCAGCAACCGCTGGCGGACTCG  
GTGAACCTCCCAACTTGAAGCAGAAGTGAGCCGGTTGGAGCGACAGGTGGACCGA  
AGCCAAAGCACGCTAGACATAGCGCTCCGCCAGCGATCGAACATATCGCTAAGCT  
CCCCAACATCGGCACTTGGCGCCAACGGAGCAGCTGTTAGCAGATGGAGATCGGC  
AAGGTTGGCGTCAGCTACTCACGGCAGCGCGTGAGCTCAAACGACTCGACGAGAGT  
CTTGTGTCAGAGAGGGCCGAGCGGCAATCCTAGAGGCAGAGGTTGAGAGGCTGCA  
AACGGCCAGGACGCAATTGGAAAAATTGCGGGTCAGCAGAGCCAGTCGACGCAG  
ATGTCGCGTCAGCTAAGGAGCGGGTTGCCGCTTGGAACCTCTGAACAAACGCAC  
CGCAGATAAGCGACACTACCCCCATGTTGAGGAGTGATCCATGCAACTGACGTTCG  
GTGACGCTGAGGGCCTGGCAAGCGCAAGCAGACTCGCCGGAGATCTTC

>CONTIG\_9\_length\_19063\_cov\_64.551225

CTCAAGGTCGGGCCAAATATAAAAAACTCTCCAGCCTGGCTGATTGGTCATCAT  
CGATTCCATGCGCTGCGCTCCATCTCTTGCCTGCACCCTCTCCAGAGAGCTTA  
CCTGCTTGAAGTTGCTCGGCACGCACCGACCCCGCTTCCAATGCGAGGGGCCT  
CATCACCTTGGGTGCCGCCCGCTCTAGATCTCCCTGGTAGTGCAGAACGTCCA  
CCCGCCCGTGCTGGACTACTGGAATTGTTGCGAGTTGCTCGAATGCTCTAGCA  
ATCCATTGACAACAAAGGAGCAGCCGGAAGTTGCTGAGGTTGCTGCCGCAACTCAA  
GCCCTCGGAACTCTCTATTGAGTCACCTGCCAGCTGATCACGTTGCAAATCCAT  
AGCTTGACAGGTGAGGATTGCAAGCGAGAACAGTCTCCAGGCAGCCGGCAACACA  
CTAAAGAGGTGGCGCGGATCAGCATCACATCACGTCGTTGGGTCCAACCCGG  
GCCGATTCTGCGATTGAGCTGCCGTTCCCCGTGCGCATACTGTGGAGGCCACTT  
AGCAGCGCCTCTTTAAACCCATCCACTATGGCTGGATGCCGGAAACGTAGA  
GGTCAGTTGAGCGGCCATGTCGCAACATCGGACATCATGATGGGGTTGTCAGA  
CCCATCCAGTTGAAGGCTCTGAATCTCTCGAATGAAGCCACGTAGACGAACCAA  
AGCCAATCGTTGGCTTCCAGTATAGGACGCAACGCAGCCGAGCGCCGTAT  
TCGCCCCCTCAACCACACGAATCAATGCCAGTGGTGTCCAGTGCTAAATCGATG  
GCAGATCGAGCAAAGTCCACTCGCAACGAGCGCGATGCCCTCTCGGGCAATAGGGA  
CCTGAAGAGTTGCTCTGCTGCCGACTCAGCACAGCGCTCAGGATAATATTGAG  
AGATTGGCTTCCACGGCTCTCGTAGCGCAAGCAGTTGTCGGTTAAGGGTGCCA  
GACCACGGCCGCCCTGCTCCAGCGACCTCAAAAGCGCATCGCATCGCATTCC  
ATGACGCCCATATGCGCCCTACCTTCAATAACTGATTCCGTATTGCCGCCCC  
GAACATGGGATATCGCGGGTCTCGAACTCTCCACGACGGCGATTGCTCACCAGC  
CAGCCATATGCACCACTCAAGGCAGGTGAAGGGGTGGGCTATGCCCAACCCCTTGC  
CGCCAAGCTGGTGTGCTGACGCCGCCGATGACAGATGGTCGAGGACGCGGATGT

CGAGAAGCGACAGCGCCTGCTTCAGGCCTCGGTGACCTGCGGTCGGCTCGCTGG  
GCTGCGGGTTGCCGCTCGGTGATTGTGAAACAGGATGACTGCGGCAGCGCTGAGC  
TCAAGAGCGCGCTCGCCACGACTCGCAGGTGGACATCGCACCCGTCATGGTGCC  
GCTGAAGAGGTGCTCGGTGGCCAAGATGTGGTGCTGGTGAGGAAGACGACCC  
CGAAGACTTCGTGCGGCAGGTGGCGCAGCGGGCACCAGGTAGCTGCCGGCCTGC  
TCGGTCTGGTGCGCTTCATAGGTTCTCCACCAGCGCAGGAGCGAGACGACCC  
AACCGACAGGCGAAGCGTCCGGCCCTACCGCACCCGAGAGCGAGACGACCC  
GGCGCGCAGCGGAGGGCCGAAACAAAGCGCCAGCGACGAGGAGGAGGCTGCT  
TGTGGTGGGACAGCGGAGCTAAGGTCCCTTAAGAGGTTAGCGCTGAGAGGACAA  
GGCCAATGGCGCAGTCCGTCCACCAGCCGCTGACACCCAACGTATGGACGCATGCA  
GGGCAGGATTGATGGGGTAGCATCAATGCCTCGCACGTGGAAGTCATATGACCG  
CCCCTCTTGGACGTGAACAACCCGGCCAGTTGGCCCGAAGGGCTTCAACAAGCC  
ATTGAGAGACTGCGCCCGTGTTCAGGGCTTGGAGCAAGACCTCCCCGAGAAAGC  
AGCAAAAAACGTTCGATGAGGCAGTCAGCAACTCGGCACGTCTGAGTCCGTTCG  
CCATTCGCGCTTCCATTCAACCGCCTGACGGATTGCGAGGCCGAGAAGATAAGAA  
GCACGGGCTTGAAGGCAGTGGCCCTGACTTCATTGAGCGCCACTGCGGCTCAA  
GTCGAGCAAGGCACCCCTAACCGCGGACCAAGCTGCACGCCTCTCAAGACCAATCA  
AGTCCGGGACGCCAACGCGTCCGGAGGGCTTGTCTGTTCTACCCACCC  
CACGCACGAAAGCGCGTGAGGCCTCTGGAGCAACTGGGAGGCCAACGCGCTT  
ACAACCTCAACGCCGAGATCCCGTTCTCGGTCCGGTGTGCGCTCTATTGGCAGGC  
CTGCCCTAGTCCAAGCCCAAGTCCCAGCCATCTATTGCGAAACAGCTCGGTCTAG  
CCGCGGCGGTTACCAAGCAGATCTGGCACCTTGGCATTGAGACAAGAGACGCC  
CCGGGTCGGTTGAGGATTACAGCCGGTTCGATCTGAGCCGACCGAACGAGCA  
CATCTCCTCACCCGATGCTGATTGCTCGGTAACCAAAAGCAACAGGTGGTC  
TTGGACTCCACGATAACGTACACCTCAGACCAACGCTTAGATCCGGACGACGCC  
GCTTATGATTCAAGGGCGTCGCGGCTGAATCTCAATGGCGTCCGGCTCTACG  
CCATCGCTGACAGCGCTTACCAAGGACAGCGCCCTCCGATTAGCAGGCC  
GTCAGAGAGGGTGCAAGGACAGCGCCCTCCGATTAGCAGGCC  
TTGTGCTTGTGAGGTTGAGCTCAGGCCTTCCAGGCCTATCTTATTGTCGCGTC  
GACGTTGATGGGCTCCGGTAGAGGGCGAACGCTTAGGGCCAGGCTTAATC  
GGCATAACTGACTCCTGCAGGATGGGACCAACGTTAAAGCTGCGCCGGAGCC  
TCCATACATGTCAAGTAAACTAACAAAAATTAAATGGCGTTAGTTCTATT  
TTACGTTAGGATATGCCGATTCCGACGGCCTCTGATTAAACAGTATGGTTT  
GAATCGCAACCGGAACAAACTACCCCTTAAAACCC  
CAAACGAAATAGATGGGATCCGACGGCCTCTGATTAAACAGTATGGTTT  
GAGTTACATCAGGAAATAAAAGCTGTTCAATTGATTGACGTTGAGCGGTT  
TCGTATCCCTACTTCCATTGAAACATGGAAGCAACGCACTGAGTACT  
CGACATCATCAGCAGTTACATCGATAACCC  
CAAGATTGGCGAGTAAAGTTGAAACAGTACA  
TCAATGCCAGGACCTTATCAACACGGTGTGAGCAAGACTGCC  
CGAGTGGCGCTTGTGAGGAGGAT  
CAAGATTGGCGAGTAAAGTTGAAACAGTACA  
TCAATGCCAGGACCTTATCAACACGGTGTGAGCAAGACTGCC  
CGAGTGGCGCTTGTGAGGAGGAT

GGCAAGCATGGCACGCGATACGCCGAGCTGCTGCCACCCGGCAGCCCTGCACGCC  
CCTGTCTATCGAGATCGAAGACTTCTCATTACACCAGCGCCGTCGTTACTGAAATC  
CGCCACCGTCAAGGACTATGCCCGACCTTAAACCTGCTCCTGCTGACGTGCGGCGA  
CATCCC GGTTCTCGTATTGACCACACCCATGTTGAGCGCCTGTGGGACCTCTGCG  
ATGGGCACCCCTCCGCTTGCTGCAGGATCCCAA ACTGCGCGCAATGACGGTCGACCA  
AGTGATTGCGCTGGGCCAGGCCACCGGTGTGCAAGGCGTGTCTACGCAACACTCA  
AGAAGCACAACCTTGCCTGACCAACTTCTCGACGCCTGGTGGCTACCCGCGCTA  
TTCCTGGAAACCCATGACGGCGATAGGAAAGATCAAGAAGAACCTAGTGACCGAC  
CCAAACCGTGGCAAAAAGCCGAGCGATTTGGAGGAGGCAGAACCTCAGAACAGAT  
CTTCGACCCCCAACCGCGTCTCGCTGGCCAAGAAATGGCCCCATCGCTGGTGGTG  
CCCCATCTGGCCCTTACAGCGCGCGGTGTCAACGAAATTGCGCAACTCAAGGT  
CCACGACATCGTGAACGAGAACGGGATCTGGTGTATCGCTATCCAGCTACGGTCG  
ACGACGACTTGGCAGGCAACGAACACTTCCAGACACGCCAGACAGTGAAGGAGC  
GTCGGCCCTCCGTCGGATTCCCATCCATCAAGCGGTGCTTGATGCCGGCTTCTCGA  
CTTCATCAAGGACATCAAGGCATGTGGCCATCCGGCGCTGTTCCCCATCTCTGC  
GGCGTCTCGAGGGCGTCGGTGAAACGAATGCGCGCTACAGTCAAGGCTTAGTCA  
TCCAGTTCAGCGCCTACCTCAAGAACAGCTAGGCTCGGAAAGGGCTGGTTTCATG  
CCTTCGCCACACCCTTCCACCAAGCTCAAGCATGCCGGTTCTCAGGAAGACG  
TGGCCACGATTACGGGACACTCCGAGAACAAACCGGTTCCCTGTGTTAACCTCTATC  
AGACCACGGAGAACCCGAAGAGCGGGCCAGGTGGCGCGCTCCAACGGTTC  
AACCCACCGGTGCTGCTCCGAAATACGAGCGCGTCAGTTCAAGAACAGCTGGG  
CAAGGATGCGAAGTTCTACCCGTAGTAGAGTCGCACACATAAGATTGGCGTTGGA  
CCTTGCGACTACAGGTAGTTCAGGTTGCGGCTTAACGGAGCGTGACAACAGAG  
ATGGACAACCTGTTCCAAGCGACGCCGCTGCTGATGTTCTCCTCCGGCTTCC  
TATCAGCTGGATCTTCTACGGTCTCACTTCACACCCCAAGGCCAGCCAGTTGAGC  
GCACGGTCGAGGCCTGGTCTTCACTTTGCGTCCACGGCGCTACGAAGGTCTCA  
AGATCGGGCTTCTCGGCCGGCAAAATACAGAGCTTCGGGGTCTGGACCAGTGAC  
TCTCAGACGATATGGTCGATATTATTGCTGGCCTACTGGCGTTGGGTCGCCGCC  
GCGGTCAACAAGGATACGTTCACTCTGGCTGCGCGGCCAGGTTTCACTTCTCGG  
ACATCGCATCCAAGCGAATGGTCTCGCTTGTGATTGAAACCCAGCCTCGTAATC  
CTTGAGCTCCAAGATGGCCGCCGGCTCATGGGGTGGCAAAAGAGTGGCCCGTAAG  
CCCATCCATTGGACAGTTACATTCAAGGAGCCTGCTGGATACCGAAGGTGGAAC  
GTTGGTTGAACTAACCTACCGTCACTGGCATAATCATTACGCAACCGATGTCCGCTG  
GGTCAAGTATTCTAAAGAGACGATTGAAGATGACAAATCTGCAAGGGCTCG  
AATCCTCCGCCGCCGGTAGGCAGCACGTCTTGACAATGCCAACCTCCAACCCGC  
AGCGCGCGGCCAGCGCCGCCGAACCCGCCGCCAAAGAACGGCATGAAA  
ACTGCGCCCCAAAGCCCCGTATTGGGGCTATTGCGCTGAAGGGCGTGGACAGAT  
CTGGCCGCTATGAAGAGCTGCCAGCCATTGCTGTGCAGCACTTCTACGTCGCGTCGA  
CCGGTATCCCTGATGAGTAGCTACCTAGAAGATCACGCCAGAGCAGCTGAAGC  
TCTCTTTGTTAAGAACAAAGAAAACAACACTCGGGCAACAACCCCAACAAGTT

CCGCGCAGACATTGAAAGAGCTAGGGCCACCCTGATCGAATCGAACTCGCACTAA  
AAGAAGACGGCACTCTCAGCGGACTCCAGAGGAGGACCGCGATGCTCAGCTGAC  
CTAGCGTTCCAAACGCCAGTCAAAGAGGTTGTCACTTGGCAGGGCAAGCAGCTTC  
ATGAAGTGCTTACGCCTACAAGCAAGAGCCTAGCGGAAAGACTGTTTCGGCTGG  
AAACCATATTGAAAGAGCTGAAAGCTGATAATCAGGCTGGTGGCACGGCTGTGC  
GATCCCACGCCGCTCGCCCAGCCCACGATGAGTGTGGCACCCACGATGACAGGA  
AGCCCCCACAGAAACGCGACGTAGAAGGCAGCGGTAGCGAGCTCATAGTAGACCG  
GATGCTCCGCAAACCTCCAGCCAAGCACGGCACAAACGAAGACGATAGCAAGCCCC  
AATCCGCCGCCACGAGCGCCCTTCAGAAACCCGCCTTGCAGAAAGTAGGAAAT  
GTGGCCGGTCTGACGTGCCAAGCCCAGACATGCTGGGCACGAATGTGCAACATCA  
GGCAGAACACCAAGGAAGCCGGCGATCAGCAGCCCGCTGCGCAGTAGACCAAGCCC  
ATCAGCTGTTGGGTTTGAAAACAGCGTCGAGGCCTGCTCAAACAAAAGCATGCC  
AAAGGCCGAGAATAACGCAGGGTAGGATCATGGCAGCCGGCCGGTGGCGCATA  
AAGCCGGGGTAGTCGCTGGTGGTCATTCTTCTCTGGTAGAAGCAACACC  
AAGCGCGTCACGGCAACCGCCTGGCAACTGGTGCCAAGGGGGTAGCCCGCAG  
AAAGTCCGTTATCGCTACGTCGACCAATTCCAACCTCGCCGCCGGCGAAACT  
TCATCGTCATCTCAGGCGCATTCTTAGCCTCGCGCTGCTGGCTGCCGCCAAT  
GAAGCCCAGTGCATCGACGATCCGGAGACCCGGCAGTCCTGGTACCGTTGGCA  
GTTTGCAAGAAATCTCAGCCGCTCGCTCGTAAAGAACCGATCTACCGCTTGACCG  
CGTCCTCCTGCTGGCGCGTGCATTACAGGCCACAAGCCAACGCCAAGA  
AGCACGCTGAAATCCAACACGTTGAATGGTCCGATCACGACTCCCTTCTG  
TTTGGTCAGGTCCACGCCGATGACCTCGTTGGTAACCCACCTGGACACGTTGAC  
GTCCACCTCAGCGCGGGCCTCCGTTCCAACCAGACCCGCTGACGCTGAAGAT  
GACCAGATCGTCCTCGCATCCCTGCCCTGCCGGAACAAACCCGGTGCCTCGCTTC  
GCTCATGTGGATCGGAAGATGAAAGTGCCGATGCTGGGCGTCAAACAGATC  
GCTCACTGCGAGCACTGGTGGGACAAACCCCTCGCCCGTGTGCCCTACCTGGA  
ATCCGGTATCCAAGGAATCGGCACGTAGATGTCCAAGATGCCGTTGCCGGTCAT  
AGGACGGCTGGTCCACGATGTTGGGGCGAAGAGCAAAACGCTGGATGCCGGAAAG  
CGTTGGCCCGTGCATCGAAGGCAGCGCCATACTGCGCTCAATGGCTGCCGCTG  
TGTGCGGTGATGCCATTGGGCCATTCCGTTGTATCGATGCCACTGCCATAA  
AAACACTGCTCGCGCTGGCCTGCTAACCGTAGCTGGATGCCGTGATGCAATC  
AGCCTCGCGTCACACGTGGTAACCCGCCAGGGCGTGGACGCCAGCCGGCTCG  
GATGTGTTGCGCGCCCGTAGTCGCTGGTGTAGCTGGATGCCGTGATGGC  
GTCGAGATAAGGGCTTGGCCTCCGTTGATGCCCTGCCGTTGCGAGGCGGTGATGGC  
CCGCCAATCTGCTGAAGAAAATTCCCCCTGCTGCCGCTGCCACTGCCCTTCATGCC  
GCTGCTGCCAGGACGCACGCCATGACCGCTGCCACTGCCCTTCATGCC  
CTCCTGCGCTGGTTGCGACATACTACGTGTCACGTAGAGTCTACCGTGGCGTA  
AGGCTCCGTCATGCTGTTAGATGCCGCACTGCATCGATTAGCCTGTGAAGCCC  
GCCACTCCGCCCGGGATGCGTGGCCGCGCCTGCGCCAAGCCCGCAACG

ACGGGGCTTGAGTCAGCGCGAGGTAGGGATGCGAATGGGCCTGGACAAAGACACA  
GCGTCAGCTCGGATATCCAGATATGAATCTGGAGCCATGTCTATCAGCCTTGAGGCA  
TTGTTGAGATGGCGAACGCGCTGAAGTGCCTGGCGCTTTTATTGGCCAGCAGC  
CCTGGCATGGCGACGCAATCATGGCACTGGGGAGCAGAGCCATGGTCAGCAAGA  
GCAACTGGCAAAGGTCTTGGTGGCGCTATCTAAGCTGGAGGCCAAGGTGCGTGCTG  
CGCACGTCCAGAAGCTACTGAAGCCAACGCTGACGACTAGCGGAACCATCGAGGC  
GCCCGAACCAAGCTGCGACAGCGGAGCCACGTGCTATAACAGCATCTGGCACGGAG  
GCCTTGGGGGCCTGAGCATGGACTTATCTACGTAAAAGCGTGAGGGTTGGACCT  
CTGCGGTTCAACTGTCAAAGGGCGGAATTGGCGTCTCAACTGGAATCAAGGGTTTC  
CGAGTCGGAACTGGTCCGCGGGCAACTACGTGCACATGGGAGCGGGTGGAAATCTT  
CTACCGCGAACCTTCCCTTGGGAGCGACACGTTCTCGCCCGGGACCCCACTCGG  
CCCCATTCGTCCCGTCTGGCGCCAGCCCTCTCCAGCGTCACCCGACAATGGCC  
TGAGATTGCGCACACATGGCCCAGTCGACTGGTTCGGACTGGTGTGCTTTGATTGCG  
CGATTGTGGACTCGTCCTCGCAGCGTTGCTGGAAGAGCTCAATGCAAAGAAGAAG  
AGATGGCGAATTGCCAGGCAGTCGCTGTGGTTCGGACTGGTGTGCTTTGATTGCG  
ACTGGCAACGAAGCACCAAACGGCGCTGGTCATGCTGGCTTCTCAGCATAGGA  
GCCATCATCGCAGCGCATTGAAGGACCAACTCGGAAGACGGTAGTTCTGATGTAT  
GAGCTGGACGAGCCAGTCGACTGGAGAAGGCAGTCGACTCCACGCAGGAGCCAAA  
CCATGGCCTCCGCTATGCCACGTGGCACGTGTCCTCCACGCCAAGGTCTCGACC  
GGAAATACCATGCTGGGCGGGAACCGTTGACCGCAAGCCAACACGCTTGCC  
TCAGCACCGCCCCATTGTCAAAACGAACATCAAGACCATGCCGTCAATGTCGGA  
GCCAGGCACTCCATTTCGGACCGCGTTCTGATCTACGACGTGAATGGCGTT  
GGCGCGGTAGGCTACAAAGAGCTACAGGTGCTGGTGTATCCACTCGCTTATTGAG  
GATGGCAGCGTCCCGGTGATACAACAGTTGAGACGTGGCGTTACGTCAAT  
AAGAAAGGAGGCCCTGACCGCCGCTCAAGGACAATCGGAGCTGCCGTATGCCA  
ATACGAAGAGGTCAACCTCGCAGCGACACCGCCCTCAACGAGCTACTACAGATT  
CTCGTCTAGGATCAGCCGCTGGGTTGCGCTCAGCTATTGCGGGCCTATCCGAGTCA  
TTCCTAGGGAGCTGCCCTAGCTATCCCTCTGTCAGCAATGCCCTTAAAGAACCCC  
GGCAGCCCTAGCGTCCGCTGTCCTGTGAGAAATCTTCAACCGCGGACTATGGC  
TTCCTCAAAGACCTCGCAGGCCATCGCGGCCCTGTCGATCTGGAGAATGGCACT  
GCGGCCGGCACTAGGTCTGCCCGATTGCTGAGTCGGTGAAGTGGAAATCGTG  
AGATCCCGCACCTGCCCTGGGTCGATTGCTGAGTCGGTGAAGTGGAAATCGTG  
TCTTTCTGCCCACTTCATAAGGCCGCTGGCAGCGCGGGCCAAACCCCGGA  
ACGTTAGAACCGCATTGCGATTCACATCTGCTGCCGTCTGATGCCAACGATTCC  
AGCATGACTTCTCGCCCCCCAATGCCGGAATGGTGGCTCGCTCAATCTCGAAC  
TGATCCAAGAACTGTTGCGTGCATCTGTCGCGATTGCTGGACAGCGCTCGATAA  
CGCTTCTCGTCCGCTGCAAGACCGGCATGCTCATCCCGCAGCGGACGAAGCTGA  
TTCTGCTTCGCGCTGGAGCTGAGTGTCCGCTTGCTCTGCTTCCATCGAGCGAC  
CGCGTATTGGGCTTCGCTGCTGATAGCCGGACGTAGTGGCGTAGATCCGCGC  
GGCCACGGCTATTGACCCACGCGCCCCATGCCAGGCCAGACACGCCAACACGGGG

GCTAGCACCAGAAAGCGCGATGCCAAGCACCAATAAGCAGCCCCACCAGCCA  
CCCGGTGTTTCCAGAAGGTGTGCCTGCGGCCAATGCTGAATCTTGGGATTGGC  
AGGCAC TGCCCTCACCTGATGCAGCGCGTCATGGTGCAACACTGCCGCCGTGAT  
ATCTGCCAGATCGCATCCAGGTTGAAGGGCCTGAGGCCAGCTGGGATGACGA  
CAGCTGCACCAGCAAAGAGCGCAATACCTGCGCGTCATCGGGCACCGACAC  
TCAGTAAGCCCATCGAAATAGAAATGGGACGGCCTGGAAGAACACCGTTGAAGTG  
CTGCTCCAGCTCGTCAGGGCCTGGACCCAATCTTCTGCCTTCGGCCTCCACCAGG  
CTTCGCCCCGTCGAAGCAAAGGCTTTCCAAAGGCCTGCAACCCAAGGCGACGC  
TGC GGCCGGCGACGCACTGAGCGCGGAGGCTGCATGCGGTGCGTAGTGTCTT  
TGCGTAGGCGTAGCGGAACTCAGGGATCGCCTTTGATTGGCATGTCGCCGGCC  
CACTGTATCGGCCAGCAAAGGGATGCCGACCGTTCATGAGCATCTGAAAATCAGG  
ACGGCCAAGCCGAAGTTGTATGGTGGCGGTCGTGACTTGTGAAGGCCTT  
CCGTGGAGCTCGGGCGCGTAAAGTCTGGACGCCGACCTCACAGAGGAAGGTGCG  
CCCCTGATGCGAAATCTGAAACTGTCTGTGATCAGCTTACTGTCCGATCCGG  
TGACACCCGCACGCCCTCCGTGATTGACGTCACCAACCAAGTGACCTGCTGGAT  
AACCGAGAATGCTCGCGCAGTGTCAAGGCGCACGAACCAACTAGCCTCCAGTCTG  
CCTGGGGAAAGTCCGCCAACGGCTTTGGGCTGTAGAGCTTATGAATGTCCTCG  
ATGCGCGAAGGTGGCCATGACAAAGCCACAGACCTGCCATGGATTGCCGAGC  
ACGTCAGTAGGCCAGGCAGTGAGCTGATCCAGCGCGTAGTCCGAAGGGCAGCCAT  
GGCCACCAGCTGCGGCTCTCACTGCTTACCGCAGCAAATAGATCTGGCAGC  
CGAGTCCGGCTCCCTCGACCTCGAAGACCGTCCCTCACCCCCCTGCCAGTTG  
CTTCCCAGCCGACGGTCCGGATTACCAACCAGAGCAGGTGAAACCACCTAGG  
CGTCCTCTACTGGCGCCGGTGCCTGGCAGCTCGTCAGCCGGCTGGCAAGCAGGA  
GTGTCTTGTGTCGTCCGCTCGCAGATCACTGGCAGGCAAGATAGGCTTCCA  
GCTTAGAGGACAAATCTTGCTGTAGCCTGCCCCCTTAAGGCACGGACCGCGCGA  
ATATCTTGTGAAAGAAGGGCGAATGAACGCTCTGCGTGGCTGGAGCACCAAG  
GCTTCGATGCCATCGGTGAAACACCGCGACCTCATCCACCGGCCACATTGAGGAA  
AACTCCCGTTCAACACGGCAGCCGGATCGGTGACGAAAACGGTGTGATGTA  
TTCCCCGTGCTGGGCAAAACACATAGGCCAATCATGCCCGAGGGCGAATAA  
CAATGGCCCCGTCGCCACCTGGAAGAAGCATGTATGCGTGGGGAGACGATAGCC  
GCCACCAACGTGCAAGCATACTCTGACCTCCAACCGTCCCGTAGCCCTGTGC  
GCGATACGGGCCGTAAACGCCGGTAGCCAGTTCAAGACACGTCCGAATCTCCAACGTC  
TCAACGCCATGGCGTCTTCAAAGTGGTGCACACAGTCCGAATCTCCAACGTC  
GCTAGCTCGCACCGTCTCTGATTGAGATGCACTCCGCACCATCCGACGCCACC  
AAGAGCACGGTGCCTGCTGGAAAGAATTCTGTTCATAGGCGTCTGGCAGTCC  
GTTCCAAACTGATGTGGATGTGCAATGGATGAGGCCAACGACACGCCAATC  
CTGGAGATCCATTACACGCTGGCCAGCCGTCCGGGCTGCGGGGTTGACCAGGG  
CACATTATCTCCAGGGCTGAACGGGACACCGCGCTATGGAGTTGGACAGCCACT  
TGAAGAGTTCTTGAACTGGAGGCCCTCAGATGCAAGCGGTGCGCGTCAAGGTT  
GGCCGAGGATGTCCATGTCAGCCCCCTGCACGCCAACCGCGAAAAACTGGAAATTC

TTCGTTGCCTCCCTCCGGACCAACGCTGCAGCGCGTGCATCGTCGGTCGGC  
GAACCATCGGTGATGAGAAACACCCAAGGTGGTAGTAGGAAACGCCGGTGGCTT  
GTAGATCTCCTTGCCTGCCAACCATCTCAAGCCTGCTCAATCGCTGCGCCCAT  
CGGGGTGTCCCCAGTGCACGACAGCACGGGAGGATAAAAGCTGTCTGCCGTGACAA  
AGTCCATCACGGTCTGGACCGAACGGTAGACAATGGCGACCTCCACCCGCTTG  
GCAGCGAGCGAGTCCGAGTTCAAGTCTTCTGAAACTGCAGCAGGCCAGCGTTGAG  
CTGCTCGATGGGCTGCCGCCATGGAACCTGATGTGTCCAGCAGAAGTAGGCACG  
CGCACCGGTTCTCGGGTTTCGGCAAATCGCTGGCGCCAAAGGCACCTGTTCAA  
AATCGTTCATTACGCTGGATCTCCCTGTCCAGTGGCTGAAGCGCCATCATAGCTCT  
GCTAATCAACCCAATCTATGATGGGCCATGGTGAETCGCCCTACCCCTACCTCATTG  
CCAGCTTGGCGCCGCAAGGAGTCGCGGATTGGACTCCCTAGCGGTTCCCGAGTG  
ATTATCCTCACCATGGTGGCGCGCTAGCACTTCGCCCTGCAGATGTAGAGAGCGTG  
CCAGATAAGACGACAGTCGAAACCGCAGCGAACTCATCAGTGAGTCCTCCGTTGAA  
CGCAGGAACCCCTGCTTTGACCGCGCGTGGTCCCTAAGGCTGGTGCAC  
CACTCAGCTGCCGCCGGTAAAGCAACCCATGCAGGCGGACGAGCGATGCCCTTGT  
CGTCGCTGCCAACCCATCCCCCGAGGCCAAGGCGCTATCAATGCGGGCTGGCAC  
GTCAGTGGACATGACGTTCAAAGGTTCTGTCATGGTAGACGCCGGCG  
AAGAAGGCTTCCGCTGGCTGCGTGGCCATTGGAGGCCAGCGCTTGGTATTCAATGCC  
CACGGCCTCATTGCCATTGCTTACGACCGAAACGCCAACAGTCGTCAGGTTGAGT  
TCGTTAACCAATTACGGAATCTGGTGCCTTACAGCTGGAGCCATTGAG  
GCTGAGCTCAGTGTCACTGACCAAGCAAATCGCTCTCAAGTCGATAGCCACGAACAA  
GTCGAAACGAGCTCGCGGGCGCGTCTGGTCTCGGCAGCTGAGCGGGATGCC  
GACGTTCTGCTTGTGCTGTATGCGCAGTTGACACAATAGTCGCTATCCAAGGTTCA  
AGAAGCGGGGACGCCACACGCAAGTTCAACAGCGCAAGCTATCGAGCGGGCCCAGAATCGTCAC  
ATATAGTCTCGCTTCGCGACGCGACTAAAAACCCCTGCATTTTACTCTGACAAATT  
CCCATAGGCACATAAAACGTCTTAACCCTACACACCAATCGACCCGCCATGAAAATT  
CACGAGTTTGGACGAGCGCTTCCTCGCCTCCCTGCAGCGCGTGCCTCCAGTCGAG  
GCACGGACAGAGGCCAGATGCCCACAGAAATGTGCATCTCAAAATGGCAGGAGC  
ACATTATGACTGGTCAGAAGACATCGAAGTCAGGTGGCAAGACCAAGAGAGATTGCT  
GAGGTGCCATTATCACGCCCTACCCAGCAAGATCGCTAGGATAACTTTCCCAGAA  
CCTCTCCCCAACTTCTGCTCGCGATAAAGAAAGGTCACTACCACACGGCGCCGGC  
TTTTCTGAGGCCAGTAACTTCAATGCCATGCAAGGATCTCTATTGAGCAAAC  
CACCGATAACCCTTGATCGCACCCCTTGCGGGCTAAATATTACGTATGAAA  
TTGGCATACCGGAACCGGATCTCAATCGCATCAAGGATCTCTATTGAGCAAAC  
ATATCTGATTTCATTATCAAAATGTATGGGATGCAGGATTTACAAATCGTGTAA  
TTTCTCTGGCGACTTAATTCCAGTCTGATAGCGCTGACCCCTGACACCCCT  
CATCCACGCCCTAACGATCCTCAGGCGAAGGAACAAAAACTCTGATCCTAGAGCAT  
CCTTAGTGGCTTCAAAGTTCTATCACATTGCCAACAAATGCTGGGATGCGACCACT  
CGATAGCTCGGCAGCCATGCTCAATCGTCAAAGACCATCATCTAGACCTCTCA

TCCGAGAAATGAATTCTCGACATCTCGTTAACTCCCAGAACATGTGACCTCA  
AAAGTCCTTACGCACACGTGCGAAGCCTTATAAGGCGGCCATAGTAACCATCGATAT  
ATCGAACTTCAGTTGAATTCCCGCTGAGGCTCCTACCAAGTCCGGTGAGCTTTCT  
CTTGCAGTGAAACTTCGGCTGTAGGTCGAATGATGCTCGTCATCGAGTTCATGGCCC  
ACGATCTGCGACGGAGCTCTGACACCCTCCAGCGCCCTGAAGCTCTGGATGAA  
GGTCTTCTGAGGGAATGGAAGCCTTTGCAGGCTCCAACCTTCCCACCTCA  
GCCAGGTGCCACTGAACGCCTGGTGATCCAGTTGCCCTGCCGTTACCGCCGTG  
GCCTTGCAGGAAACACCCCTGTCTGACCTGCCCTGCCTCTCATCGATCCATT  
CCAAGAACCCATTGAGGAGCTCGGGATGGAGGGCACAGTGCAGATGCTCACC  
TCAGTTTACCTTTGGTGCTGCCCTCGTCCAGATGCGGACGCATGGATGCCGT  
CCTCTCGAACACGTCTTGACGAGGAGCTGGCCGACCTCCGATGCCCTGGCACCGC  
TGTAGAGCCCAATGAGCGACGCCAGCGTGCCTGATTAGACAGCTGGCCAGCGCT  
TCGGGCCGAACAGGGCTGGATCTGTGCACGGTCATACGCTTGAAACCCAACCTC  
TTCCGGGCCGCTTCGCGCTGGAGTAGCTCACGTGGCCGGAGGCCGGTTGTCG  
CCCTCGGGTAATGGCCGACGCCATGGCCATTGAAAGAACCCGCCCTGCCACCA  
ATGTAGCTTGCTTGTGAGCGTCGCCAGGAATGCGTCACGGCTTGCCAGCGTATTGTT  
TCGATGGCCGGTGTAGAACGCTGCCACTGAGCTGGGACTGTCGATCTGCCACCA  
CATGGTCGGCACGGCACCTGGCCGGCTTGAGCCTGCAAGGAGCGCCGGCCATAG  
CCTCCAGCTCCATCAGCTGCCATTAGAGCTTAGGTCTTGGACTGTCGATCTGCCA  
CTGCTCTGTCACCGTCCATCCGGCTGGCGGTGAGCGTCAGTCAGTCCCTGGAG  
ATTCTCGCGCTCGTCAGGCAGCGATGAGCAGGTCAAGCGTCCGTCTGCTCAGCTT  
GGTCACCGTGTGATCCTCAACTGTGCGAAGAGCCGAGCATAGCCGCTCCAAGCA  
CGACCGCACGACGTGCGCCTGCGCCAAGTCCTCGTTGGAGGGTGCCTGATAA  
GCCGGCAGCCCATCAGGTTGCAAATCGACGGGACACGTTGGACGAACGACCAAG  
CGGCCGGTGGACGACCGGCTCAAATGATGAGGTATGCGCATGCGAGTGTTCCTCTG  
CATGCTCCCTGCCCTCAATCAACTCGCCTAAAAAAATGATTATTTAAATCAATGATT  
AGGAGTGAATGGCGGAGAGAGTGGATTGCAAGTAACGCCCCCTAACCCACTGATC  
TGCAAGAAAACACAAACCGGATTGTGTCCTGGTGAGTGCCAGGATTATAGAGGC  
AACACATTGCGAATCACCAAGCAAGGTTGCCCTCCATGCTCGACATTGCTAGGACTCCG  
CACCTGGCCGGTGAAGGACTGTCTCCACGGCACAGACGTAGATGCCCGCCGAG  
CCCGCTGCCCTCGGATAAGCAATCACGGCGTGGAAAAAGAGCACATCCCTCG  
CAAATCTCCAAGCCAAGAAGCGGATAACTCGCCATGAAGACAAGGGTGGCAAG  
AACAAATCGCGTCCATCCTAACGACATGGAAAGCGATGATGACTCGCGAGCAAACC  
GCTTCCGTCTCCATAGGCACGCTGAACCTACCAATGCCCGGGCAACATGCCGT  
CTGGCTTGGCCCTGCCGCTCAAACGCTTGGCAAGCTCATCAAATGCAATTGGTGGTGC  
TGTGAGCTGAAAACGACTGGACCTTGCTACGCCGCTGATCACCAAGGGCAGCAGATC  
AAAGCGCCAGACAAACAGTAGGTCTGCGTCAATGATTGCTTAGATAACAAGCGC

TGCAATTGCAGCGAGTGAATCGGAATGCCTAGGAATTTCGTTGCGTTATCAACAAAC  
AAGCCCATTGAGCTTGCCGAAGAAGTTCAACTCGGCTCGCGATATCGCGAAGGA  
TACCGTCAAACGAGAGCTTATCGACCACGCACCAACATCGTAGGCAAAGCGCTCC  
AACACTTTGGCCAACGCTGGACCAACACAGCAAATCTGCCTTATGTCGGACTCG  
GTCGCCAGGACATCGGCCACACCAAGCGAAATAGAGCCTGTATTCTCGGTCTG  
ACTTTCCCTGGCGTCTTCTAATAGGTTCTGAGCAACCCCAGATCAGGCGCTG  
CCTGATCGAGCATTCCTTGTACGACGGTTGTCAAGATCCAGCGTTCAGGCCCG  
ATCCACCGGAAGCTGCCTGACGAAGATGAGATGCGCCGGACGCCCGGGAAATGCC  
GCAAGATCACCAACTCAAACGTAGGGCGTTAAGGAGTTGAATGAATTCAAAGCGA  
TTGCAGTCTCCCAAGCTGGGGGCTGCTTATGCTCCTCGCTACTGTTGCTGAGGAA  
ATCGCTATCGAGCAAGTAGAAATTGCTTGGAAAGTCGCCTCTGTGGATGGACTCGCA  
ATCCGTAAAAATTCAATCGAACGAGCGATAGAACGCTCAGAGTCATTGGCTGCCA  
ATGCCCAAGTGAATCCACTTCATCGCTTCAACATCAGGGCATCGTCAAAGTGCC  
CGAAATCCGAGCTGAGTTGCTTACAGCGCTCAATGATCGCACTCAGCTCAGGAGAG  
ATTGGCCCTTGATACGAGAACGATGCCCTGCAACGCAGGGTAACCAGCCAGACG  
ATAGAGCGCACAACATCAGCGAACATCAGGAAATCTGCCCTCGCGAAGCGC  
GTCTTCAACGCCGTCGATCGTTACTCGGAAGCTTAGTGAAAGTCACGCCCTTGT  
ATTGGGGTCATAGATGATTTCGGTATTCTTGTGCCTACACTGCCGTCTCAAACCAAG  
AAGCTCCAATTGAACCTTGGCCTGATCCGAATGTGGGCCTCAACACTCGCGA  
CTCAGCGTAACCTTCAGGAATCTGACACTGTTGGAAGCTTAGTGAAAGTCACGCC  
ATGTCTAGATGCACCGCCTCTGGCCCTCACTTTGCTTGCCTGCCCTGCACCACCT  
CGTCGAGCACGACCGGCTCTCTGGAGCGATTGAAGGTAGTCAACGATGCCCT  
GTTGATTTCAGGATGCATGTCCGAAGGTTATCGTTGCGGACGAACACTGCCTGA  
CAAACTTAATAGCTTAGTGGTCAGCTGTGATGACGAAGTGCCCTAACGCAACCGA  
GCGCATCAACAAAGTAGTCGCGACCTCCTCCGGCCTCTCGGGTTAACGAAACAA  
AGGTATGTCTCTCAACTGATCCGCTGCTGGCATCTGACTGATCCTCAGTGCCT  
CCTGTGACGAAAGATGCTCTCATACCTGTCAGATTGATCCTGAGCTGATGCA  
ACTTAGACATATCAATCTGATCGATGTGGTCGGTTGGAGATCGCTGAGCTGGA  
TCGCGCCCTCTTCTCATCGACAGAGAACGAGTCTGCACCATTGCTGGAAA  
ATTGACCGAAGAAGATGTGGCCTCCAGTTGCACCGGTCTCTCAGCCTGCTCGC  
TCAACTCCTCATGGCTTGTGACAGGGCCAGAAACGACTCGCTGTCCAACTCAG  
ATTGCACACAGGCTCGAACGGCCCTGGAACTCGCCTCGGATTGGCGGCGGCA  
AATTGACCCCATAGCACCCATTCCCTCCCTCCAAACCAGTCGGTAGCTGCTG  
GCAAGGCGCAGGACCATCTCGTTAGCGG

>CONTIG\_10\_length\_18517\_cov\_283.314192

GTTGTGCCTGCATTTCGCGCATACTGCAATCGACCCTAGCGTATGGTTAAATCGT  
CACAATGAACGACACCACCGATTCCAGCCCCACCACGCCCGGCCAGTTCCGGTC  
GCGGTAGCGCCTCAGCGCAGACGATTGGGCACAGGCCGCGCTGGACCTGATGCC  
GAACAAGGTGTCGGTGCAGTCGGTAGAACCAACTGGCGGCCGGCTGGCGTCAC  
CAAGGGCAGCTTACTGGCACTTCCCTCGCGACCGCGCTGCTGCAGGCAGCCCT

CGAACGCTGGGAGATATTGAACAAAAAGAGGTGTTCGGCAGCCTGGAAGACGTCC  
CGGATCCCAGCGCACGCTTACCGCGCTGTTCAAACGGTCAAGGCACGCCAAGTC  
CCGCACGTCATCTACAGCGAACTGCTCAAGGCACCGACCACCCGGCCGTGCG  
GGTCATCGACC CGTCTCGAACGCCGCTCGACTACCTGATGCCCTGTTCCGCC  
GGCCGGCCTCACCGCACCACGCCAACACCGCGCCCGCTGGCCTACGCCGC  
ATGTCGGCTTCTTGAGCTGCTGCAACTACAGCAACCCAAGCAGGCCCG  
GACTTCGAAGCCTACGTCGAGCATGTGATTGAGACGTTGATTCCGGGTAGTACGG  
ACAGACTTTCTCTGCCCGTCCGACATCAACTGTGGCAACGCTATTGGTAGCAGAC  
GCCCAAATTCTAGACCGGTCCCGTCCGCTTATCCATTGGCTAAGGATGCAATGC  
GATGTGAGCGTGCTATCCTTTTATGCTGAGACTCTACGATCCTCGCTACTTCCGA  
ATACGGGTGTGATCCGATCGATCACGCCCTGTAGCTCAATTGGTAGAGCAGCG  
TTATATCCCCTCAGGCCAGATAAGCGGCAAGTGCCTGGTCACTCCGGCCGGGG  
CACCACTATTGCATGTGGAGTTCTATATCGATGAACCTGCTAACTACGTAGAGC  
CAGGATGCCAACCTGGTGGCCGTAACGTGTGCCTGGCGCTGCGATCAGGGA  
ACGCTCAAAGCAGGATGATGAACTTGGCATTGTCCTGACGTCTGCAGAAATCCC  
GCGCCAAAGCCTGAAGCGCCTCTCTGCTGTCGGCGAAGTAGTGCAGTACACG  
GACAATACGACCACCTATGTCGGTTCCCCCGCTTAATGGTAAGGCCGGTCAA  
CAGCCGACCACGTTGCATCGAGGGATTGCCATGAGCGGTAAGCAAATGTTCA  
CAGACGATAGACCGAGGTGAAGTTGCTGCTGCTGGCCTGGCCCGAGAATGG  
TGGCCCACCAGCGATAGCCGTCCACAGCGCATTGCCACGGCTACACGCAAGTC  
TGCCAGCAGGTCGCAACGCCAGCCAGCCAGGCCAGACCGACAGCGTA  
CTGGCAATCCACTCGGGCTGCACGTGCCCATATTGAGCCGAATGTTCTGCC  
GCAGTTGCCGACCATTGCCAGCCAACGCCGTAAGTGGCGCCGAAGGACAAGATC  
GACTCGGCACGAACATCGCTAGATTCCACGTCAATACGTGGTTATCCGAGTTGCC  
ATCATGGCGCTCATGGCACGTAGTAATTGCCATCAAGCGC  
GAGCCGGCAGGACTGTCGAGCTATTGAATTGGACTCTTCGTCTG  
CGCTAGATCGCAAGCCTGGTCAGGTTCCAGGCCAGCTGTGCC  
CAGGTCAGGTCACGCCGAGGACTACGCCGAGGACTCCATGCTGT  
ACACCATACCGAACCGGAGGTGCTGCGGATCCAATGCC  
CTACCCGCCGGATACGGGGCAAGCCACTACACCGCACGCC  
CATCAGGCCGTGGATGCCCGCGTGAGCTCCGACCTCAGCG  
ACAGGTA  
GGTTGGCGCGCGATGCTCAAGCAA  
ACTGGCATCTA  
ACTGCTGCAACGCC  
GGGGCG  
ATCCCCACCATGGCTTC  
GAGATCGGACA  
ACAGACGCC  
ACTGATCGTGT  
CTTCCACG  
TAACGGAC  
GTAATCG  
TCGTTG  
CCTGG  
ACGCC  
AACTCG  
TGCG  
CAGCG  
GAGCG  
GTCCCCGC  
CATCTA  
ATTA  
GAAGCG  
CTCC  
CATCT  
GGTG  
GACAT  
CCGCC  
GGTC  
GCTGCC  
AATTGCC  
CACAGCG  
CTGCC  
CCATGCC  
ACTAGG  
TGC  
GTATCG  
GGTGG  
CAGG  
CTTTCC  
ATGATCC  
GCATGCC  
CGAGCG  
CTCG  
GATA  
ACCT  
TGAG  
CTCC  
GGCG  
GAAT  
GGGT  
CTTG  
GAAATCT  
GCCT  
TCAG  
CTGCT  
GGTG  
CGAG  
GACATT  
AGGAT  
GACCT  
GTAAT  
GGGC  
GCTC  
TGC  
CTGG  
CATCG  
GAGCG  
GAGCG  
CGAC  
CGATA  
ATCA  
AGTC  
GTAG  
AGCT  
GGTC  
GTGCG  
GGGATT  
TGAA

GGGCTTGAATACGTATCGATGTTGCCTGCATCGATCCCTAATTCTTAGCAGATCG  
ATGACCCGTTGAACTGGCGCGCGTGTCCCCGACCGCTGCGAGAACGGCCTCGC  
GGCGCGCGTAAACGCTCAGGCGCTGCACACGAATCGCTCTCAGCCAGGGTTTC  
CACGAGATCCTCCATT CGTCGGCATCGCCCCTCACGAGTCAGGAGCGCGAGGT  
ATTCTCGCGGTGGATCGGTAGGTCAACAAAGGCAGGCCACATGGGCATCTG  
CGATCTGTAGGTCCGCATGGTTATCGAGCGGACAGGTATCGTAATGACCGCCA  
CACGTGTGATCTGAGCCTCGTCAGTTAGCCGCCACATCCATGTCTATTCTGGGC  
AATTGCAGTACGAAGGCGCGTAGCGGCCATCGTCGACGCCGTCGAGCACCAA  
CTTGGCCTGATGATAGGACGCGACCTCGGCCGAGAAAGAGCCCTAGGCCCTGCC  
CGCGCGGGCGCATGGTAAGCCCGAGTGAACACCCGGCTTGTCCGCCGAGGTG  
ATGCCAGGGCCTTATCCCAGACCGACAAGGTCTGGATTGGATCAAGCTCCAG  
GTGGATTCTCGCCCGTTCGACCAGCCTCAACCCACGCTGCAGCCAGTACACGGA  
GTTAGTAATCAAGTTTCCACAGCCAGACTGACGAAACCGCGCACCATGTTACCCAT  
GAACGGACTGACTGAGTCCTCTCCGGAGGTGGTCAGCGTCGCGCTGATCTCGTGGCG  
CTCAAAGCGCGCCTCGTAGCCATGCAGAACATCGTCTGCAGCAGCCCTGCTAGGTGCA  
AGAGCTCCTGCGGTGACGCCCTGAAGGCGTCAAGGGATCGAGCTGCCGCAAGCGG  
GTGTTAATGGCCTTATT CGTTATCGAGTTGATCAATAACTCACGAGTGGACGGC  
GACTCGTCCCTGCCAGTTTGAGCAACTGCCGGTATGACCTGTGGTCTCGCTG  
AGCTCATGCAAGACGCCGACATCACCGTCCGACGCCGCCAGTTCCAAAATGTCT  
TCACGTGCGTCACCCACCTGCTGGCCGCTCAAAGCGTTGGTCTCGGTCTTA  
ATGAAGTGCAAGTGTGGCGATCGACTCAACTGTCTTCTGGTATCTGCAGGAACC  
CTGGCACGGATCTCGGCTAATCCCTGCTCAGCCTGCTGATCCGATTGCGAATAGTC  
TCCGGCGGGATTGGTCACCTCATCCAAGTGCACCGCGCTTTCTTCGCCCTCGT  
GGGTGATGTGCCGCCGGAGCTCGTAATCGCGTAGTCAGAACAGAATGCTACGCACG  
AGCGGGCTGCCGGATTGCGATCGACTCAGACCTCGCGTTAGACCGGTCAACCGAGATTG  
GGGTTCTCGATTGACTGATCTCGACAGCGCCAACAGTCTGGATACGATTGACGGCG  
AACCCGCCGCGCTTGAGCGCGCTGCTGTCGATGCCAGCCAGTCCTCTCGTATGAC  
TGGCCGGAGAACCCACCGAAATCCGTCACGGTAGATTGCAACACCGCCGCTCCA  
CAGGTCTAGCTCATTTCGCCTTTCGTGTGCCGTGCAAGGGGGTTGTGCTCTC  
AGCGTATCGCGGTTGAACCAGCGAACATCGCGCCTGAAAGGGACCGATCGAGCGCAA  
CTCGTCCGGCGTAGCCTCAAATT GTGGATTACCTCATCTCCGTTGCAAGACCTTC  
TGCGGGTCGATGCCACGCTGGTGGCCACAAGAGTCGTATGACCAACGACGTCGCT  
GGGATCCTCACGTCCGGCGTAAACACAAGCTCCAGGTGGCCTGAGCATGCTCGCT  
CAAGACCTTCTCATGCCCTCAATCGGATCCGACCCCATCGTTGAATATACGTC  
GATAGGAAAAACAGCTTGCTGGTCAGGTGGAAACGGATTCTGCAGACGACGCA  
GGAAGGAATCGACAAAGCGCTCTCGACTTGTGCACGATCCATGTCGATTGCA  
GCGGCAATTCAATCACTGTGCCGGTGGGATGGTCATGACTGGACTCAGCTGGAACG  
ATCTCGATAGGTATCTGCTCGAGCATCTCGTAGTCTTATCAAAGACGCCAGTCG  
AAGTTGATCTGGTGCAGCTCTGATCCGTCCAGGATGTGACGGTGGCACGATCT  
CCCAGTCGCATATTGCCAGTCGACCGATGCCATTGTTACCAAGAACGCGTGC  
GCTGA

AGTTCTTCGCTGGTCTCGGTAGCGTGACGGCGTGCCTGCAATCTGCAGAAACACC  
GATTCCAGATCATGTGCATTGATGCCGCTGCCGATCACTGACGGTAATCGTGT  
ATACGCTCAAGCAAGGCCACAACCTCTGGCCAGCTGGCTGCGGCCGCTGCAATGAATC  
GATCGGAGTTATGACATGCTCGCGCAGCCTCGGGATCTGCGGAGAGGCGCTTGA  
CGACGTTGTCGACGAAGGTGCTTAGATCCTCATGCCGGAGGGTGCAGCGTGCTTGA  
GATCGAGAAGTGGTCAAGCTCAGCCTGTGGTAAACCGATGCGAAAGTCGATACGA  
ACCCGCTGGACTCAGCATCGAATGCGTTTGATGAGCTCGTTCAGGGCGACCTCA  
TCGGAAGTGTGAGTTCTGCACCCAAATGTATCAGCGTCCTGGCCGCTACCGAGAAG  
TTCGCCACGTTGTCCTTCCTGATCTGGATCCTGCGTCTTGCCTAAAAGTAACCTGC  
TTGTCGGGTACACTGATACGGCGACGGCTAACAACTACGTTGTAATGCGACCGA  
TGGCTGCTGCCGTGTGCTCACGCCATCCTGAGTTCTTACCGTGGAATCGACC  
AAACGTAAATCGGATCACCTCACTGGCAGCAGCTCATCCAAGCCCAGGCACGCA  
GCACGTGAGAGGCACGCAGCTCTCCGGCTGCGCACGCCGCCGGTCGAGGCCGAC  
AGTACCGCGCTAGTAACCGCAGGGAGATCCTCAGCATCCACGCCAAGGAAGCGCAG  
GCTTAAATGCCCTGGCAGACGCTGGGTGGGTGACCAATCAGTTGAAAGGCACGC  
CCTGCGCAGATAACGTATCCAAAAATTCAATGGTGAGTCGCTGCTGACGTTCGGT  
CCTCAATTACCGTTCGCCAATGTCGCCGTGTACCAAAGCCGACGCCGAGA  
AAAGTGGGAACGGTGCCGACCTAACGGCCCTCCTGTCCGCCGCGATGCCAGG  
CGGTTGTAGTTGCTCCTCAGGTGCGCGCCACATAGAGGGCGCCGATGCCAGG  
ACCATAGAGCTTGTGGCTGACAAACACATCAGATCGCAGTTGATGCCCTCACATC  
CAGCGGCACTCGCCCCGCCACTGGCTGGCGTCGACATGCAACAGATGACCATAGG  
CATGAACCGCACTCGCCAATGCAGGTAGTGGTGAAGCGTCCCCACCTCATTATTGC  
CGTCCCCACCGCGATCAACCCGGGGTGCAGTCCGGGTGTCTAAGGCTGCCATCA  
GCGTCGCAACGTCGATGAGTCCGGTGTCTGCCACGCCAGCCGTTGACCGTGACGC  
CTGCACCGAGAGGGTGGCGCGGGTCTCGCAATGATTGTGTTCTGTATCCGCTA  
ACCACAGACTTTGCCCTCCGGCTCCGAGAGCATGCCCTCAGGCCAGATTGT  
TAGCCTCGGTGGCGCCAGAGGTGAACACGACCCCTCGGGCTGTCCACCAATAAGA  
GCCGCCACGCCACCCGAGCGTCGAGGGCAAGCGCAGTACGGCGGCCGTTGA  
GTGCTCGGAGGTGGGTGGCATGGCATGACGCAAGGCAGCATCGCATCGA  
CGACCTCATCCGAGGCCGAGGTGACCGAGCGAAGTCGAGGTACAACGGTTCTTA  
GATCGCTGGCCATACGGATCATGCTACTTGTGGCACACCAAGCAACCCCTGGCGCC  
CGCAAAATATCTTCATTGCGTTGATCGGCCCTCCGTTGCGGGCGTAGGGGTT  
CGGGCGAATTTCGCTGAGCGCGGGCCAGCCAGCTGATGTTCGCGCTCAATAGC  
GCTCACCGCTCAGGCTGCTCGAGCTCCTCCAACGATTCCGATCGCTCCATGTAAA  
AGGTGAGCCGTGCTCATGGCGCTTCTCGTAGCGCTTGGCTTCTCGAACCGATC  
CGGGTGTGTTGAGGCCGAGCCACTCGATCTCTGTTGAGAAGCAGAACGAT  
ACATCCACTGCGTAACGCCAGTTGAGTACTTAGGCAAGCCTACACCTGCCCTG  
CAGTAGATCCATGACCCGGCATGACGACGCCGCTCGCGGAAGGGCAGATGTA  
CCGTCAGATTGATGCCCGAGTCATACCCCTCTCGATGCGACTCGTGGCGCGA  
TGGCAACATAGCTGTGACGAAATGCCAGCCTCTAGCCAAGGCTGATCCAATTGC

GAAAGGGCACCAGCTCAGCTGACGGGTACACCAGCGCGTGTACCGAAGGCAGG  
AACTGACCATACTCGCGCAGCCAGAACGTCGAAGTCACGCTGCCATTCAAGCGCAA  
GATAGGCTTGCAAGGAAGCCTCAAGACTACCCAGGAATTCATACCTCCGGCA  
GCTCTTACCGGTGTCAGTGAAGAAGTACTGAAGATCGAGCTCGGGATGATGCAGG  
CGCATATAGACCGCAAGCGCCGCGCTGCTTCCCCCGATATACTTAATACATGC  
CGGTCAAGCCACGTTGCATCCTGTACTTCAAGCACCTTGGCACCTGCT  
TCCACGAGTGCAGCGAGGATCAAGTTGGCTCACGCCATTGCCCGTAGATGCTCA  
ATCAAGCCATCTGAACACGATGGATGACGGCGCATCGGACTCGGCCACGTCGAT  
CGTGGCGAAACCGTATTCTGACCTCCGAACACTACGGCCAGTGCACGACCAG  
CCGGCGTCCCTGCACCGAAGCAAGCGCCTCGATCCGGCGAAACTCGAAGGCCAC  
TGCAGAGCTGCACAGCGGCCTGGTCCAGATCTGATCGCTGAACCTCCCTCGCAGGC  
TTGCTGACGGCTAGCGCCGCCAGACTTCGATGTCTGCATCACTCCGGTATAGGTC  
GCGAGCCGGCTGGCAAATGCCTCCAGCTCAGTTGCCACTACGCCCTGGACCGCC  
TGGCGCGCCGCTCTAACGAATCAAATGCATGCCATGGTCGATGCTACTGAGAAG  
CGTGCCTCCAGTGCCTCAATGCGGCTGGATAGGCCTGATTGAGCTCCTAACGAC  
CTTCCGATCTTGTGACCGAGTGCCTTGCCATCACGGCCGTGTCGAGCACTCAGG  
AAGGTCGACGAAAATGTTAACAGGATCTGAGGCACGCAGGAGGAGCGTTGAG  
TGTGCGGACACGTCGCTGACCTTCGCGTACGCTGTGTCACCGGAAAGCGACA  
AGGTCCAAGACACCAAGGCTCGCAGAGTCGAGCGGATCGGCCAGACAGGACG  
CTGCGTGCCTCTCCAGCCTGGTGCCAGCGGGTCAACATCTGCTGGCCGAGGC  
ATCCATGCGACCCATTCCAGCTGATGCGTAAGGATCCTGGAGGCCACTCATCCAC  
ATCTGCATCGGTCAAATCCGCGAGAACACATTGACATACAGCGCAGTCGCT  
GCGGTGGCCAGCAGGAACGCGAGCGAGGATGGCAGTACGCCCTGCTGACCC  
CATAGGGAATCTGCCGTGCCACGTCGAAAGCTGTGCCAGGGAGATCGCACCATCG  
CTGCCCTGCAGCAGCTCACACCAGGCCGCCACAACGGCACCAAGGAACGTGCACC  
CTCCATCTTTAGACAATTAGCGAAGAGAAAGTCCCGCGCTTGTGACCGTCCG  
ATGCAAACCAAGTGGGCCAGGATGGTGTGGTACAGGCCGCCAGCTGGTAGC  
CCGAATAATCTAGTTGGGGTGTTCACCGTGCAGAGCATGCGGTGCATAAAAGA  
CGCTGTGCCTGGCGCATTGGACGAAAGCACATCGCAGTAAACCAATTGCTGGAG  
ATCTGCGGTGCACTCTGAAGGCGGCATCACATACGCGGCTGGCCGTAGGCGATAG  
ACCCCTTCGGCCGTCGGGTGGAAGATCTGCTTGCCTGTACCGAGTTGCCGTCGA  
GAAGGCATCGCGCAATGCCGCGTCGAGGTCACCGCGCAGCTGCTGCAGTCGCGGT  
GGATTTCGCGCCGGCAACGCCATCACTTCCAGCGAAGGGGTGCTTCGGCCACAT  
GTTCCAGCGCGGCCAGCTCACTGGCATACTCGACAAGGCGATGATGTCCCTGGGG  
ACGCCGAACAAGGTCAAGCGGGTCTCGCGGTCTAGCCAGGTCGTGAGCCGTCTG  
CGCCAAGTGCAGAAGTGCCTCATCGTCCGACAAGCAGCGCTAACGCCCGGT  
CGGCCCTTCTGGACGGCGCATCGTCCCCAGTGCACCGCTCGGGTCACGACGG  
ATCGTTGAACCACCGCAGCGTCCGGTCTGGAGTAGTGCTTGCACGCGGTCAAAG  
GTGGCAAGACGCCAGTTGCTGAGCTGTTGCTCAATGCTCTGGCTGCCTCGCGTT  
TGGCGGTATCCACGGCGCGTCGATATCGAAGTCGCTGCCGCATAGATGGCCCAA

GCCTCGTTGTGCTTGCCTAGATGACGATACTGCCGCCGGAGCTCTCCAACGCC  
ACTTGACGGCCTCGGCAGGGCCTCGCTCACGGAGTTCAAGAACGTCGTGACTG  
GCAGCCAGCCCCGAGCCATTCCGGAACAGCTCGATCAGCGCATCGTCTGGCAA  
AGACACGTGCCTCTCGGAACCGCGCCTCAACCGCTCAATGGCTCGCGCTGAT  
CGCCCACATCGATGCCGTAGCCATGCCAAGATCGCAGGCTGAAGTTGGAAACGAA  
GATAGTCCAAAAGTGCCTGGTAGTACCCGATACTTTCGAGTGTGGCCAG  
CCAGAAACTACCGGAAGCCCAGCGGCTAGCCAGCTCAAAAAGCCAACACGCTG  
CGCTCGTCTGCCGAAGCGACGGCGGAACATGGGCCAGTAGGGCTGCTGTCAC  
CGGGTGCAGCGGCCAGCACTCATCCAGGGTGTGAGCCAAGGTGCAAGGCGAGGCGG  
GCCTACGACGTTGAATTGCCCTCGCAATCACGTCGGTACGTTGCCGTTCCGGGAT  
GCGGCTCCTCGCAGCGGATAGCGCCGCAATCAACGCAATGACCTCGTCGGTACCG  
GCCACCACGGGCACATCCACAAAGCGCCCTGGACCTTGGCCCACTCGCTTGTACA  
CCCCGACCTGAGCGGAAGCGTATTGATCAAACGCTTGGTCAGGATGCCGATGAC  
CACCAGCTGCCATCGCTGCGACTAGCGGCTCGGCCAGCTTGCAGCAGATAGAT  
GTCTTCTCCCGGGCAGCTGCTGCTCCAGCAGCTGCCATCTGTCAAGGAGCAC  
TACGACGCCACCATGCTGCCGTCTCCGCACGCCGACCAATTCAAGCAGTCACATC  
GCGGTGTCCGTTGCGATGCGCTTGGGCCGCTGAGGCGATGCTGTCGATCGC  
CTGACCGAGAGCCTTCAAGGGCTGACGGCTCCAGCAGGGCACGACCAACC  
ATGGCTTCTGCTACCGAAGGCCTCCAGATCTGTCTCCGCCGACATTGAGCG  
CCTGTTGGCACGCTTGCCTGGACCGCTGGCTCCGCCAGCTGCGCCAAGGCAA  
GTGCGAGGGTCGACTTGGCCCATATGGCCCTGTCCATGTAAGGCACGCTGCT  
GAGAATCGTTGATGTGATTGCCACTACAGCAAGCGCATTGCGTGCACCTGACTGAC  
AAATGTAGCCATCCAACGCATCGGCTCGCAAGGTGGATTCCAGCTGAACAGAT  
CGCTGGAAACGCCGAGTTACTTGTATGCGTAGTCCACGTTACTGCCATATGCGTG  
CTTCAGAAGTCGTTGTTGAGCGCGTCCAGCGGTCGGTCAGCACACGACTGACCTG  
CCGAACGCCGCCGTATCACTCCAACGCAGCTGCCCTCGGAGATCTCCAGGTT  
CGTCAAGCGATGCCACCGAATTCTCGCCAGTTGAAAACCCGACCCGGCGCACC  
GAACTCATGCGCAATGGCTTCGAAAGACAGGGTGCCTGGCCAGATCCGCTGGACC  
GCGCCTGCTTCCAGAAGTCGAGCAGCGCAGCGCAACAGCCATCGGGCAGC  
GAAGACTGGCTCCGCCGGAATCGGAATGTGCCAATGCCCTCGGCTAACAG  
ACCGAGATCTACCAAGAGCGGTTGGCGCTCATCGGCCCGCTTGGGACCTCTCGG  
GTGTCACATAGCAGCGAGGCACACGTCACGTTAGGGTACGTAGGAG  
ACGCGGTGCCGCCCTGTTGGGCTGATGTGCAAGCGCTTGGCGACCTCTCGG  
TCGAAGGTTGCTGATTGATGCGATTGAAGACCCACCAAGTGGTCACCGCTT  
GCACGTCCGGCGAGCAGCCAATGCACCCACCATGCGCTGCCGGCTTCCAGATAG  
GGATCCAGACCGGGCTGCCAACAGCGCTCGACCGACCGTGCACGCCATCTT  
TCCTGCGGGCTCTCTCCAGAACATCACGCCAACGCCAATGGCGGATTGCCGA  
CACCATGTTCTGCCGACCCGAAACGACGCATGCCATTCCGGCACGAACGCCAA  
CTTGGCATTGCCAAAAAATCAGGGTGCCTGCGCAGCCTCGTAGGCCTTCGCA  
CAGTTGTCGCAACGGAAAAGTCTCGTACCGGAGAATTGGACGTCGTCAGGAGAG

CGGTAAGAATCATATCCGCACTACTGGCGGAGGTCCCCAGTCGCCAAGGATCTC  
ACTGGTAGTGATCACCAAGGGAGACACCTTGTGAGGGAGGCAGGCTCTGCAACGCAT  
TGATATTTAATAAAACCCTATATTGGCATGCCGTACATCGCATTCTGCTTAG  
GACCGTCCCCGAGGCACTGGACTGAGACCAAGTATGCGAGTCACTGCGCCAAA  
AGTCGTGCTGCCGCTCGCAAGTCGGTGCAGGGAGAAAGGAATTCAAGGATGAGG  
TTAGGAGGGGCATCGTGCTTCACCGAGAGCGAACCGAGCGTATTGCATTATCG  
AACTGCGGCCTGTTGAGGTGGCCGCGCAACCGATCAAGGTGGCGGTCTGGC  
GCGCGGGTCTCGCGGGTGCCTGGCGGGCTGGGTCTAGTCAGGTCAGGTCAGG  
CCATCACATTACGCGGCCGCTCCCATAAAATTGGAGCTGCCACCTCTCGCCTG  
GGCATAATGACCACTGTTGATCTTACGACACCGAGCACCTATGCGTCTATTCTCG  
ATACCGAGTGGGCTGATCAAGCGGGCTCGAGCTGGTCAGCTGGCTCTCGTGTG  
AAGACGGTGAGCATCGATTTACTGTGAAGTCGCGACTTGCCGAGCAACCAACCG  
ATTCGTTGACAGGCGGTATCCGTTGCTAGATCGAGGGAGCGCTGCTAAGGGAC  
ATTTGAGTTCACGGCAGGGTTGCGCACATTGCCCCTTCGAAAGGCCATTG  
TACTATTGACTATCGAACGGACGTCACGTTGTTCCGTTACGCGCTGGGAGGATTG  
ACCTGTCGCAAGCACCTGCTCACGTTGCCGCCAACCTGCAGCGTTACGACGC  
TGGTGCTGCGTGAGGACGTGCGTAGTGGGATCGATAGGTATTCAGTCGAACCTG  
CCCTGCTCATCGAACGATCACCGGCCGGTTGACGCGATGCATTGCTGGGCT  
TCATTGATGCGTTAGGAAACCTCTGAACAAACGACCAACAGATACGCGACACTACCC  
GCCTCATGTTGAGGAGTGATCCATGCAACTGACGTTCGGTGACGCTGAGGGCCTGGG  
CAAGCGCAAGCAGACCCGGCGAGATTTCTGGCGAGATGGAGCAGGTGGTTC  
CGTGGCAGCACTGCTGGGCTGATCGCGCCGACTATCCGTGTCGGGCGCCA  
GGTCGGCAGCCGTACGCACTGGCGACGATGTTGCGGATTGATCTGCTGAGCAGTGG  
TATGCGCTGAGCGATCCGGCGATGGAAGAACGACTGACGAGATCCGACCTTGC  
GCGGTTGCTCAGCTCGGTGGCTGGACAACGTTCCGGACGAGACCAACGATTCTCAA  
CTTCCGGCGCTGCTGGAGACCCATGGCCTGCCGCCGGATGCTGGAAGCGGTCA  
ACGCGCATCTGGCGCGCAAGGGCCAGAGCCTGCCGGACGATCGTCGATGCG  
ACGCTGATCGCGGCCAGTTGACCAAGAACGACTGACGACCATGCGCGACCC  
GATGCATCAGACCAAGAACGAGTAAATCAGTGGTATTCGGGATGAAAGCGCACATTG  
GCGTGGATGAAATTTCGGGTTGGTGCACCACTGACGCTTGCACAGCCCAATGCG  
CCGATGTCACGGTGACGCACACGTTGCTGCATGGCAACGAAGACAGCGTGT  
GACAGCGGCTACACCGCGCGATAAGCGGAAGAACGACTGCAAACCTGCGAGG  
ATTTTCATTGCTGCCAACGCGTGGAACACTCAAGGCCAGCGTGC  
TGCTCGGGAACAGCGCTGGAACACTCAAGGCCAGCGTGC  
GACAGCGGCTACACCGCGCGATAAGCGGAAGAACGACTGCAAACCTGCGAGG  
ATCCATTCCGGGTGATCAAGCGCCAGTCGGTTACACCAAGGTCCGCTATCGCG  
TGGCCAAGAACACCGCGCAGGTGCTGACCTTGTGCGCTATGAAACCTGTGG  
AGCGAAAGCAGTTGATGCCCTGCGTGGGGCGGTGCGCTGTAACCCGG  
CCTGCAAACCGCGCCGGAAACGGAAAAAAATCGAGGATCTGAGCGCC  
GCCGATGTGGTAGGCTGATCCTCCGATGCCGTTGATCAGACCACTCT  
GGGTAACGCTACTCACGCTACTGAGCATTCTGCAGTCAGTCATCC  
GGGAAAGC

AACTCGTTGCATCCTTGGGTATCCCGCGCTTCAGGGGCAAGTGCACGCTCGTTGC  
CTGCGCCATCTGTAAAAGGTATGTCAGAAGCACTCGGTCCCTAAAGCAGGGAAATC  
AGAGAACTGATGGCAGCTCTATAGGGCAATACCCAGGGGGCTCGACTATGGTGCA  
TGCCATCGGGTTGGTGGCCTAAAAAGCTCGGAATGCGTAGTTCCCAGACGCAGCAT  
TTCCGCTTCCCACATGAGACAGACAGAGCTAAGAGCCCCAGATGTCCCCTCTGGC  
CTCCAGCTCCGCCGTGTCATAGCGAGTGGACCGTAGGAAAAGGGGCCACCTCTT  
CGGGAAAGTTCCACCGCCATGAATTGGCCCTACCCGGCTCAAGCGCTCATCGATCA  
GCGCTGTACCCGTTCCAGTGGTGCCTCAGGCCAAGTAGTGAAGGCGCGTCG  
AACAAACCAGATTGAGTTGGGAAGCGATTGGCTGGTCTCTGCCTCGCTGTCTGGC  
AGGCCTGCAACTCGAAGGGCCGATGCTCGGTGGACTTGCTTGCCTCAGCCAT  
TTGGAAACGAGTCTGCTGCGCTGTCGTCCGCCATGTAGTCGATGGAGAAGCGG  
TAGGGCGTTACTCCCGACCTAGACAAGCAGTAGTCGAGGCCACATGCTCCCACGTAG  
GACCCGCCAGTTCACCGCATAGCTGCCCTGGCTCTGGGACTCGACATGCAGGG  
GCGGCTTGGGAAAAAAATAAGGGATTCTCTGCATCCGATTATTCCCCCACGCA  
CATCAGTCACGCAAGCGACACTACGTGCAACTTCGCTCTACAGGCAGTCACGCTGTG  
ACACGTCGCTCTAATGCCAAGCCGAGATTGACCGAGCGAGCGCTCGTTGACTCA  
GCAGTTGGAGAGCTCCTTCCATTGCCGATCTGGCAAGCGCTCGGGTATCCGAG  
CGCAGCCGAGTAAGGCAGGCTAGGCCTGGGAAAGGCTGCCAGTAGAGATGCAGT  
TGCTATCCGGTAGGCGCGGATGGTGCCTGCACGCGCGTAGCGGAGTACCTGT  
ACCAAGTTGATGCGCAGGGCCATGCCAATGCTGCCGGAAAGGATGGCACCTACGGC  
ATAGACGAAGCGGCCGTGCCGACCATGGGCCGAGGACTAACAGAGAGAGCAA  
ACATGCCGTAAGCACCGATCAAGAACCCGGAGCCAGATGCACAAAGCCTAGG  
GCCCTTGCAAGGGCAGTCCTAGGCTCTGTGGGTGCAGATCTGAAGGGCTGCA  
GCCCAATTATGCATTCCGCTCGATGGATGCAACTGCCTGGACCTCAACCGACCA  
GCAGGAGGTATCGTGCCTGGCCGCTGGCTCAGCCAGCCGCTCCCTCCGGCAG  
CACGCCAGGGCGAGATCGCTACATGGCGTTCACATGCCAAAAAGAAACTCTT  
GCACTCCAAGGAGGCGACAACATGCAAGGATATGCAGAGATCTAACCGAAGACC  
AGGCAGAAGCGCTCTCGCGCAACTGAGATGGGAAGCGAAACGGAACAGGCAGTGT  
CCAGACTGCGGACCTTCCGCCGGCACTACCGCCGCAACGGAAAGCGGCGATGGCG  
TTGTGCGGATTGTGGTCACGAATTAGTGCACGCCAGCGCACGGCTTCCACGCGCG  
CAAACCTCCTATCGCTTGTGATCGGTCTGCTGTTCTCGAAAGCGGGGCAA  
GGCAGGTCCCTCGCAGAGTCTGCCCGAGCTGGGTCCAGATCAAACACTGCGC  
AGATCAACTTGGCAAGATCCGAGAGACGCTAGTTAACAGTATGGATCTACGCC  
CTGCAAGGCATCGTACACATGGACGGCATCTACTTGGCGGGAAAGCCACGGCGACC  
GAATCGCGTACCAAAATGCCAAGGACGCAGTGAAAGTTCGGTACGGCAAGAAC  
CTCCAAATGATCCCTCCAAGCCCTGGTTCTGCAGGAATGACGCGCAGGAACGG  
GCAAGCGCATGGACAAGCGGGCGTGTGATTCCATCTGTCAGACAGGGATAAAGGG  
GCCGGCTCCGAGCGCGTGTGGCGTTCTGCAGGGCGAGAACGAGGCCAATG  
CATCGCACTCGCCCAGCGCTTCATCCAGCGAGGATCGCTGGTGATGTCAGATGAGA  
GCCCGGCTATAATCGGCTGGTAGCTGGTTGAGCACTACTCTGTCCAGCACTCCC

ACGAGTACTCCACTGACGAAGGAGTGAATAACAACGC GGAGAGCTGGAACAGT  
AGGATTGACGCCACGAGTACGGCGTTCGCACGGGTTCCGCCAAAGTACATCCA  
GGACTACCGT GCGAAATGGTCTGGAGGGAGAATTCCGTCGGGCTGCCAGAGAT  
CTCGGGTTCACGCTCTCAAAAGCATGGCCAGTCACCCGATCAACCTGGTGGC  
GGGGATACTCCAAGGCAATCACC CGAGACCGAGTGGACATAGACTATTCCTG  
GGCAGGGATAGCCTGGTGCCGGGTGAAAGCCACCAGAATGATTAAAAGGATCGC  
GCATGATGACCAACACTCAGCTAACAGGATTCCGAGCGTAGAGCTTCAGTTGCTTA  
CGTGGCTAAGACTCGTAAAAGTAGGGGGTATAACGAACCGTGTGGATCTAAAACGA  
GGAGGCTTCAGAGTTCAGGTGCATCCGGCTATCCATAATCTAGATGGCTTGGTCGG  
CGCGTTCACGTGCTAACATTGCGCAAGTCGTTGCCAACCGTGGAAGGCGA  
GGCTGGTCACTGGTTCTTGAACTATGTGATGAGCTCAACCCGTGGATGCGACG  
TATGTCGGCAGTGTGCTGAATCCCCACTGGCTGCCCTCTCCGCCGGCAAGGATT  
ATCGAGCAACAAGGAGCGCAGTCTATCGACCTCGAAGGCATGGAGGGTTGCCA  
CAGCTGGTCGGTTGAATCGCATTGCCGACAAGCCGATGCGAGACGCCGACGCG  
TCGAAGGGCTTCTGGACAACCTCGAGCTGGAGGCGATTATGTAAGAGAGGCAACG  
CTGCAACGTTGAGCTGTGAGGCCATGGCTCAGCCTGCCGGAGGTCTGCCGA  
GCTTCGGGGATTCCATCCTTCATTGCGCTAACATCATCCGTACGCGACGTCCGTA  
AGTGCTGGCTAGTGCCTGCCGGACAGCAGACGCCAGCGGGTATGATTCTGTCGGCA  
ATCCGTGGTGCCTGGAAAAACTCTCGCTCTACACTCCCTGGAAACCAATGAGGT  
CAGCGTTCCGAAACGACCGCCGGATCCTCTCGTACAACACTGCGGTGCAATTCTC  
GTAAGTGTGCCAGTCAGCGCTCGACCAACTCGCCGGTTGTCAAGCAATCCCCGC  
GATTCTCAGCGCGCATACAAGTTGAGTTAGGTACCGTGCCTATAAATAGGTTG  
ATTGACGTGAGGAATGACTGCGCGATGTCACCAACATCGACTTGCACCTCGTGCAT  
ACCAAGAGATGTCGATGGCAAGAAGGTTCTCTGCCCTCTCCAGCGCTGTC  
CTCGCGACAACCTGAGAATCCAGCTCTGCCCTCCGGCGCAGCAGCTAACCTC  
CCCCTGCAATCGGGAGTGCTTACGATCAACCAACTTGAGTGAGGAGGGGGTTGCCA  
AGTCATGGGAGGACTGTAAAAAGTCCTCCAGAATTTCATGGGGCTCTGCTACCA  
ATTAGCGTGTGGCAAAAAAAAGGGCCCCGATTATCGGGGCCCTTATGCGACTACG  
TTCTAACTATTAGAAGCGCTGCTGGTACTTCATATACATGAAACGGCCGATATCGT  
ATCCACCATAATACGAGTACCCGAGTTCGCTGACCATAAGCCGGTGCCGAGTAA  
TGCTCGAAGATATTGTCGACCAAGTGCACCGTAGCATCCACGGCAGCACGTA  
GCCACCTGCAGGTCGTGGAATGTGTCGAACCAAGCTCATTGCGACCGTGC  
CCTTGGAACTCAGGAGCGGTGAAGTCAGGAAGGCTGCAGCGATCTGCTGCAAAGCA  
GCGCTCCTGGTGCAGAAGTAGCGCGTGCTCCAGGTGACCGACCAATCATCCC  
ACTGCCAGTTACCGACAGGTTGAACGGATGCCAGGAAAGTGCCTCTGGATACGTAGG  
GCTGGCTGGGGGGTTGTCGGTGTGTCAGCCTCAGTCAGTTCTGGATACGTAGG  
TGTTAACAGTGACGTGGTGAAGTTACCCACTGAGTCTCGAACCGATAAGTCAAGT  
CGAAGTCGAAACCTCGGTCTACATAACCTGCATTACGCGACGCCAACGAGAGG  
CTGGTGATGTTGCCTGCCGTATTGCGGGTAAAGGCCGACGCAACCGACTGGATGCCA  
CGCAGGTAGCAGTCATCCAGCAAGTCAGTCAGCGTGTGCCGACGATGGTGTCTCG

ATTCGGATGTTCCACCAATCCAACGAGGCAGTCAGGCCGCTGATGAAGCTAGGACTC  
CACACCAAGCCAAGCGTCTGGAGGTGAAAGTCTCCGGCGTCAATGTCGGCGTCGA  
GCCTGACACGAACGGC

>CONTIG\_11\_length\_15149\_cov\_25.833977

GGCTTGAACAGCGGGATCAGCAGCGCATCCAGGCCAGGAGCGGCACACCGAACGC  
CAATGGCGCCGGCAAGCTGATCTGGTGGCATAGGGAGCGAAGTGGGGAAAGGTCG  
AGCGCTTGACGTAAGACCAAGTAGGTGCCGACGCTAACGGGCCAGCCACCTCAA  
CAGCATAAAATCAACTGACCCGAAAGGTAGACCCCTGCGGTGAGGGCAAGAACGA  
AGAGCACGATGGCGACGCTGAGCTGGTCTGCCGGTCAAGATTACAGGATCACA  
CTGTGATCCCTGGCTTGTGAAAACGACCGTCCGCTCGCAAGATTGTCTGATCTGCAC  
GCATGCCAGGGCCGCAGTAAGGCCCTCCGCCATGCGCTAGGCTGATTGCTGCCCT  
GGGCTTGAGCTGCAATTGGCCACGACCTTCGCTGCTCCTCGACGGAGAGCTGG  
CGAGCGCTTGGATGGCGTCTGCCACCTCATCGGTCTCGCGAAGAAGGCAGCCAGT  
GGCATGCCAGAGACGTCGGCCAAGCGCTTGGCGGTGCGTAGATCGCACTCGTTCAC  
GCCCTCTCGTAGCGATTGATGCCGTCCTGGCCACCTCAGGAGGCCAGTCCAGCGGC  
AACACCCAAGGCTCCTGGTCAGCTCGGCCCTCTGGCGCGTGACGTAGGCGGTT  
GGCGAAGATGAGACGAGCGTCGCTCCAGATCCAAAATGTGACCACAAGCATGCAATG  
ACGTGTTGAGCATGAGGTCTCCGACTTGCCTGTCTGTTACTTATCAGTAACATGG  
TTCCGTCCGCCAATCAACTGGATTGCCAAGCACAAGCTCGGTCAATTCCGGGACGGT  
GTGTGGAGGCATGCCATTGAGCATGCCGCAATCCGGGCTCTCCAAAGCTGC  
CAGGTTGGTGGACCCATACCGCCTTCTCTCTGGAGATGCACATGTAAA  
GCTTGCTTGGCGCTGGTGGCCTGATGTCGGTCTGTTGGCCAGCTGCTCTCCGGT  
GGCCCTCGCAGTCTGAGCGAGAGCATGCATTCTGCTGTTGCTCCAAGACAACAGC  
AACGAAAAGGCCGCATCGAAGACTTCGAGAGTAACCAAGCTGCACAAAAGCGGAAG  
GTGCGCCCAGCTACACCTGTGACGTAACGGCCAAGGTAGAGCCATGGATCGCGAC  
TTTGGCAATCAGATGGACGGGTTTACTCGTTACCAAGATGGCGGCACGGAAA  
ATCACTGGTCGCGTCCAATAACCACCGTTGGCGATCAACGGTACCGGATCCATTCC  
TCAGGAATTGCGATGACCGTCGGCACTTTCTTACTCTGGTTTTCGGTGGCTGCG  
CAGCGATCTCTGATGCTGCCAAAACGGTAAAGCGCGCAGTGACAACGCAACC  
TTGACCATGACTCCAGCGGTTTATGGCTACAAGAACACCGTATTGCCGTGTCG  
ACGGCACCGCCATGATCAAGTTCAAGGCAGGAAAGTCGTATCAAGGCATATGCACT  
GAGCGATGTACGGCCTGGAAAAGCACTGGCACAACATCGCGAAGGCACGC  
TGACGCTCAATGTCCCGACATCGATCATCCGTGTTGGACGATCAAGTCGGCAACG  
AGACCGAGATGAACAAGTGGTATGAGTTGGTCAGTCAGGCCGTCACGAAAAATTG  
AAGCTCTAACTGACTTCTGTGACGCCATGACGTGCGCCCTGACGATTAGTGA  
TCTGGTACGAATCATGGCATGAACCAGAAAATCCATAACAGAACATTGAA  
GGCCAGCTCGTCCGCTGACTGGGACGAGCTGCATTCCCGCAGGGAGCTTGACGCA  
TTGCGTTGAGGAATTCTGAAAAAGGGCTCGGCCTAGATTCTCACCTGAACAAAGC  
GCTCGACGGATACCGAGCTGGCCGCTACGACATGTCTGCATTGCAGCGCAGATCA

TGCGGCCCTACCTACATTGACGTATCCGAGGCCACCTGCCCGCTTGACCGTCCATC  
CTGACATCACCGCCTGGGTTCTGGGCGCGAGCGCTTCATTGGCGCTGAGAGCAAG  
ACGTCTGTCTGCAAACGCTCGCTCCGACTGTGCCCTCCGAACATCCATGAGCAC  
CCCGCCAGACCGATAACCGGTGAGCAATGATGAAAACCCGCTTCGCCTCGACTA  
GTGCTGAACTATCAACTCGCATGGTCTGTGTTGCCGTTGCACTGGATGAGGCTCAT  
CTACTCCGGCTTGAACACCTGTCTCGACAGATGAGCAGTGATCTGAGCGGTGACCA  
TTGCCCGGATCCACTCCACCTCAGCCGTCATTAAATGGGTCCATCCAGTTCGCGCG  
TCTTGGCAGCTAGACCTCGGGGGTCATCTTCCGTGAGCTGAGCAGTGCTGGATCGCAAAG  
AGAAGTGCCGTGGATGCCCTGGACAGGCGCGTGAGCTGAGCAGTGCTGGATCGCAAAG  
CCATACCGATCCACCAAGCGGTGAGCTAAGTCGTCGACGAGATCCCAGCGCCGCGC  
ATCGTTCAGCTCATCGGGAGCGAAACGCAGAAGTTCCGACACAGCGTGCTGTCCTT  
GCGCTTCTCGGCAGCCTCTGCCGCCGTCCAAGCGCCTGAGGATCATCGGCCAGGC  
CGGAGAACCGTTGAAACAAAGCATCGAGTTCTGAGCACGCCCGCGCGATCGCG  
AGTCGTGAAGCCTTCCGTTGGCTCAGTGAGAACATCGCGCCCCGATACGCTGCG  
GCAGCAATGGCGGATTGATTTAGAACGACTGAAAGTTGACGCGAACATGAAA  
GATAGCCATGGTTATTCCAGTGAGTGAAAGATCACTCTTGTATCACCTCAAGTTCTCC  
CCCAGCAAGAGAAAAACGTATAAAATCGCGGAAAATCGAATGCCTAAAGAGTG  
ATGGTTCTAACCGTCGCGATTATCGTTATATGATATTCAATTAAAGAATGTGAA  
TTAACGACCTGCAAATGCTTATCAAACGCCAATCTTGCTCTTATAAAAAAAATAA  
TAAGACGACCTTAGCGCTATTTCAAAAAATAACACTATAAAAGTTGACTAG  
TGATGAAACCCAGAAGCGCCGAAAGGCCACCCATAAAGGTTAGCTCAATTAA  
CTTAATTAAATTTCAAAATGCTCTGCCACTTATTGACCTCAACCATTAGCACACCGA  
GGCGTCGGCCAAATCCATTATTCAATTTCATTGACAGCTGTAGACTGACG  
CTATTGCTGGATCATCTCAACCAAAGGAAAGTCGATGACTCCAAAGCAAAACA  
ACCACCCGTTGCCCTCTCATCAATGATGGCGAACAACTTCACTCAAATCCATTCA  
AGTCGGAAAAACGCTATTAACGATGTTACCGTTCGGACGACAAGCCGCGATCC  
AATTGAGCGAAATGCTACAAAGCGATGGCAAACCTTCTGTGCATCTCGCGCTCGC  
GTCCTCGATCACGCTATCCAGAACGACTTCCCACGGGATCACCTGCCGCTGCTT  
CTGTTGAGATCGCGGACTACCTCAAAGATATGGCGCGCCGTGATCTGCAAGACACC  
ACGATCAACTCTGCCGCTCGATCCCTAAAATTACGCTGACCTGTGGAGATGTG  
CCCGTTCACAGATCGACCATCAACACATTACCCAGATGTGGGATGTCTGCGTTGG  
GCGCCACCGGGCCTGACCAGCAACCCCCGGTTGAGTCGATGAGCGCCGAAGACAT  
CATTGCGAAGGCGCGGACTCAATGTGCCCTGCCCGCAAGCGCCACGACCGAGC  
TGCACCGCGAATGGTGACAAGCTTCAATCGTTGCTCAAACGAAAGCTGTTG  
CGCACTCGCCGATGGCAGCGTTCAAGCCAAAGAACGCGATCGCTCCACCAACACC  
ACAACGCCATCCAGGCTTTGTCGGCGGGCGATATTCAAAAAATCTCGATCCTGCG  
ACCTTCAATGCCTGGCGTCTAACGTTCCCTCATCGATGGTGGGGCCGATCTTAGGC  
CTTACACAGGGCACGCATCAATGAAGTCGCGCAACTGAAAGTTGCTGACATCATC  
TTGGAACAAGGTCAAGTGGTGCCTGGCTATCCGAATGACGGCAGACGATGATCTCGC  
CCAGTCTAGTGGTGCAGACCCGCAACGCCTCAAAGGCAAGAGTGCAATCCGCA

AGATCCCGTTGCATCCTGAGGTGATCAATGCCGGCTTCTGGATTCTGTTGCCGACA  
TCAAGGCCTGTGCCATCCCAGACTGTTCCCGCATTTGTCAGGCCGGCAAGAACAAAGA  
AGAGCGGTGCGAGCAATTGCCGGTATAGCCAAGGACTTTGAACCAATTCAAGCGAC  
TACCTCAAAGATCTTGGCTTGCCAAGGGCATCGGTTCCATGGCTTCCGCCACACC  
TTGGCCACAGAGCTCATGCGGCAGGCATCACGCCCTCAGGACATCGCGTTGCTCACG  
GGTCATTGCTGGTTAAGAGCGTGCCAGTGCAAGACCAACTACATCCACAAATCT  
TCTGGCAATGTGATGCAACGGCAACTTGCAAGCAGACTATCGCTCATCAACCAAAAGTT  
CAACTACCTATGTATCAGCAAGGTCAAGTCAGTCAGAGAAAAGCTCGTAAAGGAGCGAA  
AATGTATCCCTGACAACACTCAGTCCGTTTCGCAACAGCTGGTCAGTTATTTTGC  
AATTCTGTGCCTCAGAGCGGGATCGCTTCCGCTCTGACATAACCTAGGAATTCTTCTT  
GTGGATGACGTATGACATCCCACACTGTGCCTAGCCCCAATGGGAGCACCTCTCGGT  
CCACATAAGTCACGACTAGGTTCTGCTTGGCGCGACTCACACCGACGAAGTAAGCG  
CTTCGGTTGTCGTTTGATCGCCCCACCAAGTCTCCGCTCTGCAAGGCAAAACA  
ACGCACTCAAACCTCCATGCCCTGCATTGTGGATCGTACATCACCAGACTGAC  
TCATCCAGAAATCTGCCAGAGCTTGGCCAGATCGTATGCTGATGAATAAAATTC  
CCGAGAACCTCGTAGACCTGACCCAAAATTCTGGCAACCGGCCGGAAATCGTATT  
GGAAGAGAGCAACAGCAGTGTGCAATCGGAATCAAAGCCATGACTCCTGCAACT  
GCTCGAAGGCAAGCTCCGCGTATCAGCAGAGAGCCCCCAGCCACACGATCGCGA  
GCGACACTAAGCAGCCTGATCCAGTCGCCTGCTCGTCATCGCCTGTGCAGTC  
GCATACAGAACCGATGCGTAGGCGCTTGGCGCAGGCTTCGACCAAGAACCGCG  
AAGGTTGACGACAAACTCTGTGACGGGTTCGGACACCAGGTCTGTAGGCCTGCTC  
ATTGCGACGCGGAATGCTACGACGATCCAACTCACCGTCATGGCTTGATTGAACAT  
AGCGCTTGGCGAATGTGGAGGATGGCGATCTCGTGCCTGCGATGCCTCGGCAAT  
CCATTCCCGATCTTCTGCAATACGCGCAGCCTCTACCTGCTCATCGCGAAGTG  
AGCCAGATAGACTCTCCCTCGTCACCAACAATATCGTTCTCCGCCACAGCGAGAC  
CGGCTCCATCTGGATGATCATTGGTTTGACCCGACGAATGGCAGGAGCAGACCG  
CCAGTTCTGGACAAGCTCAACGGCACAGCGCGAAGTCATCAGCAAACCTCCCCAT  
CACCCCATCGAGCGCCCCGGCCAGCCATGATCTTGCTTCGCGTCTCCACAGC  
TGTGATCGAGGTGGAGGTATCCTGAACAAAGTGTGGATCAGCTGTATTGCGCGCT  
TGTGCAGTCTTGGAACTCATCCAAGAACACATGACTGTAAGCCATGTTGATGGATCG  
CTTGATCATCGGATGCTGCTCGATGAGTTGTCGCGCAGAGGCACCAACTCCTGAA  
CGCTACTGGATGGCATTGACGCCGGTACGCCGACTTGAACCCATGATCCAGCCG  
GTCCTTCGGCTTCTAGAACGGCCGGTAGATCGCGATGATCCGACGTGCAAATGCGTC  
GAAGGTATGCTATTGAGGCATGGCGATGGCGTGGTCAAAGCCTGATCGATCCCTGACGC  
GCCTACGAAGAGTGTGCGCGCGTCTGCTTGAACCGAGATGGCCAAGATCTTCTGG  
GATAACGGCTCGTGCCTGCTGAACAAAAAAATGGCGCGTGGAGCCAAAGCTCC  
GTCTTCCCTGATCCGGGATTGGCAATGACTATGCTGTTGCCATGAACTGCCGTAATC  
GCAGCCTCGCTCCGGCTAACATTGATGGCAACTGGACTCCACTGAGCTGGC  
GTAATCATTCAACATCTCCGCCAACATCGCGATCACGCCGCTACACAAATCCTCA  
ACGATTAGGCGCCCCATTAAACAGTTGCTCGTCCGTAATCTTGACATCGCTTGT

AGTGGGCTGCGGGTTGCTGCCTAACCTGAAAATCGGTGATAGTCACGAAAGTAGC  
CCTTATCAATGGGCTCGAACAGTCGAAACTCCATTCTTACCCAGGACCGCTTTGC  
AATGCTTTCTTCTCTCGTAGGAACATACTGGTCAATCCCCTATTTC  
GGGAATTTCATAATCATCGCTAGTCAGGTCAATTGGCGACTCAAAGAACACC  
GCCCTGCATAAGGAATTCTCGCTGCCTGAACTCAGGGTTAGGCAAGAACGCTT  
CCAGCCGGGCATCACTTCAGCTATGGTGCAGTCAGCTGGCAGACGCTGGATA  
AGAACGCAGATATCGATGAGCAGTCGGATGCGCCAGGCCACCAAAGCGTC  
CGTAGTCAGGTCCAGAAGGGTCACATAAGGCACACTCAGGCTCGATAAAAGCCGC  
CAGAAGTGATTGATATGACGACCGCCGAGCGGAGCCACGCAGACGCTGCAGCGTC  
AGCCTCGATGCCATAGCGCTAACGATGCGATGCAGCACGATGTCCTCGCTGCGCC  
CTCACCCAGAACGACAAGCTGGCGAAGTAGACCTCCGGATAGGCCATAACCGCTT  
GCCGAACGAACCTTCAGATTCTGCGCCTCATCCGGAAAGAACAAATTGGCTGACTT  
GTGTGGTCGATCAGCATCAAGCCGAGATGGCGGATCAGATCAGGGTCGCTCTG  
CGCAAGATAGCAGGGCGAGTGCCTGGCCACAATCGCTGCCCTCGACTCTTTTG  
AGGTCTCGTAGCGATTGGATGACGCGACCTAGATACTGGGCGAAAGACTGTTTC  
GGCTCTCAACCGCAACAAAGTGAACGCAGCCGGCTCAGCCGTGCCCGTCGAA  
AGGGGACTCTCGTCGGCAAACGCCGACATCAACCGCATGTGCTGCCAACACGA  
GCGAGATGTAAAGCAATGACTGCTGCCGTACTGAGGGCGCTCGAAATCCACTGAG  
GGCGTTCGTAGCGGCGAGAAGCGAACACTGACTTGCTCAACACCTCAGCGAG  
CCCGCCTTGCCAAAAGCGATACTAGGGCGCGAAGAACACTTCCCTGTGAAGCTT  
ACCCCACCCAAGTGAAGTGCTTACCAAACGCTGCAACGCCGCATTCGGTGAC  
TGCTTCACCGAGCTGCCAGATAGATCGTTGCCCTGGTGCCTCGCTCAGCGGTCCAGTC  
TGCCGCTCGAGGGCCCTCCGAGCAGTGAGGCTGCCTGTATGCGATGTGATCGGC  
TGGGTTACGCCGGCGGGAGATAGTGAACCTGGATGGCTGCCGATCCAGCTTGG  
GCATACCTCGAACGCTCGTAGGCCGCCGTCCTCGCTGGCTGCCAACACGTATTCTA  
GGCGTTGTTCGATCTCTCCGCTTCATCCATCTCAGCCGTGAGGGGAATGCGCACCC  
CGGGAACTTCGCCCGCAGTGGAGCTGCATGTGAGAGAACAGATCGAACAGCT  
GCGGTGCCCTGCCCTCCGACCTCGGGAAACGTGAAATCTGCTCGATCCATAGA  
CTCGCGGCCCTCCCCCTCCGCTGGAACCTCGCCATTGCCACATGGAAATCGGAAGGG  
AGCACAGCGCGATGCCCTGTGGTGCAGAACATACGCGCCAAGGCCGTTAGAAC  
GGCGGTCTTACCCGCCCCATTGGGCCTAGAAGGTAAGTCATCGAACCTAGCTTAAAC  
TTCAACTGGTCTGGACCGAAGGACCAGAAATTACTAACCTGACGACTGCCAGCTG  
CATGAACATCCCCGTTCCGCCCTATGGGCCTCCATCGTAACGCTACTGCCCTGC  
CGTCTGAAACGTAACGCATCGACTCAAGATTGACCTTGCGGCCGATAAGGCCTC  
TGTGAGGGCGTGCAGGGAAAGCGCACGGCATGGCTCGCGCTCTCAAGCATCGTT  
AGGCAGATTGAAAGGAATCAATATGGCAGCAAATATCCAGAACGTTGTCACCGATC  
GCGGCATTAAGGCAGTCTCCACTCACCGCGAACAGAGAACATTGGCTCCATCCTA  
GTCGAGGGTTGCTCGGGCGTGTCAACTGTCTAGCTCAGAACGGCGGGTCTCAATG  
ACGACCTCGCCTGATCGCACCTCCGCCATCTGCCCTCAGTTGGCTTCCAACTA  
CAAGATGTTTACCCGCTCAGGATAAAACCCGTACACGAAGTGGGTGGTCATAGC

GGTTACGCCCTCAGTGCTTGGATGCTACCATGTGCTTCTGCACGACCAATGCTGCA  
TCAAATGCGGTAACAGCAAGCACCTGGCTAACGGATGGCCTGGCGCCGTTCCA  
GAACATGTATGGTATTGAGTGGAAAGATAAGAAGCTCCCTGGCATTCCAAATG  
ATTATCCCACGTCCGAGGCAGGAAAGTTAGTGCTTAACGATATTCCACCGGCAT  
ACTTGATGGCTTGGCACCCACACCAGAGAGGGCAAGGATCGCATCCTTCAGG  
CATGCAGGGCACACATGTAATCCACGCACCTACCCCTTCAGTGGCGCCAGGATT  
GCACATTGGAAACAGGCGACCTAACGCGTGGCAGTCGCCCCATCTCATGCCGAGC  
TTCGATGGACCCATGCTGGTCTCCACCCGTATGTGGAGTCCAGTGGCACCCAGGC  
ATGGCCATAAGCCAGTCGAGAAATCTATTGCATCACTCACGACCAAGCAAAACG  
GCAGCTTGGCGTTGATCGAGTTAGAGATATCCAGCAAGTCACCCGATTCACTTGG  
GGTTGATCTGAGCGCTTCAACTTGATGATCAAGACCGTCAAGCAGGAGCGGGAATT  
TAGCTTGGAGTGTGCATTCCAAGCAAGCAAGGTCTCGAAAATGGGGGGCCTTACA  
AAAGATCTGTTGAACGCGCGATCCCTCGACGCCAAGCGGGACCCACGCCCTAAAGGAA  
AGCGGCCGATTGATCAAGTTCAACTTCTCAATGTTGATTGGAACTAGAACCAAGA  
ACCGCATTCTATGACTGGCTTACATGAACGCCCTACACAAGCAGCCCACCTTCC  
GAACAAAGTGCACATACCGAGCATTTCGGACATCGCGTTAACCCGACAAGTC  
GTCAATTGCCAGGCCTACGCCGAGCGCTTATGTGCGCTCAAGAGCGAGGCTG  
TTGAGCGAAACGATGCTCAAAGACAAGGAGTTATATCTGTCGACCCTAAGACAGG  
CGTCATCAGCAACGCGCGAAGACAATACTGTCAAAGCCCAGTATTGAGTTT  
CTCACCCCGTCGCCATTGGCATGCCCTTCTCAAATTCTTGAAGCCCACCAACTGA  
TCTCCTTCATCAAAGTTACGGCCACTTGACTGCCGGCGTAACCCCTGAAAGCATGCA  
AGGCAAGACAGGGGTATAGTGGACAAAGCAAGGGACCGTCGGAGTGACCAGGAC  
TACACGGCCAACAGGTAGCTGATTGGATCCGTCTGCTGCCGGCATTGAAGCTC  
CATCTGCGCTGCCCTATTGCGAGGCAACCGCTATTCAAGGTCAAGCGTCGAGGCC  
AGCCCAGGGCGACGAAGCAAGGTGCGCATTCTATGCCCTACCCACGGTACGA  
GTGCGACATCACCGAAGCTATGGTATCCATGGAAAGACGATGATACCGATCGGA  
CTGTGGCTCATTGGAGCGAGCAGCAAACACTACGCTGATTGTCGGATTGACCGATC  
AAAGATGAAGGCTCGGCCGATAACGCCCTAACGGGTGAACCAACGGAGAGCGAAAG  
CCGATCTCGTGCCTGGCGACCGACAGACCGATCGACGAACCTGGTATCGCGCGGC  
CTCAAAAGCTTCTGAACAGCTTGTGCATTGGCGAGCTTAAAGACAAGGCCATGA  
TGATTGCGATGCCAGGCAATGACCGACCTGAGTGGCGGTCCATGACGCTTGTGC  
GTTTGAAATGGCCAGCATGGCGAGCACACCGGTGCTGGCTAGGGTTCTGGGCC  
TTGTCAGATCTGGAGCATCTGGCAGGGCATAACACTACTTTCCAACCTCGGCC  
CCACGCACCAAGAGCTTCCGTATGCCATTACCGGGACAAGATCCCCCGATCTCG  
CACGTTATGCCCTATGAGCATCGATGAGATGGTGGCCACTATCTCTCATTTCGA  
TTACGCCAGAGAGTCAGGCTAGGGCTTTATGGCTGATGTCAATTGGCATCA  
CATCGGATTCTGCGGAACGATCAAAGTAGCTGAGTAGCTCATCGAACACGACAAC  
CATGCGCCATACCGAAATTGTCGATCGAACGCGTCCACCTCGTACCGAGAACCC  
GAACAGTGCCTCCAGACGGCGTGGCCATCACACGCTCGTCGGTAGCCTAGC  
TGCCATGACGACGCTGGCTGGAATCGTGCTCACGGATGCGGACATGTTGCCTACAC

GAGCTATCTCAGAGCCTGGGCGTTCAAGCCGATCTATTCCCCAATCGGCCGACTG  
GAAGGTTGTCGCGGCTACTATGCCGTGCTCAAGGGTCAAATGTCAGCGC  
TTTCCTGGGTTCAATAGCGATCGCTTTTACGTTATGGCTAGCTATCTGGGTT  
TACCGCCTCCCCGACAATCGGTCGAATGGCGCTCAAGAGTTATCGGC  
CATCCACGAGTAAAGCTTGGCCTCACCTCAGGAGGTAGCCTTCGGGAATTAT  
CTAGCATTGACGCTGTATTCCGTGGCTGCTCGTTCAACAATCCCAGGCGTAGTG  
GGGAGCGTTACGGAAAGAAGGAAGCAGTTACTGAGAAGCGTCGCCTCCTGGTCCG  
GTATCGCGAGGCGATAACAGAACTCTGGAAAAGGGTGAGCGAAAGATCCGAGGCC  
ATATCATTGCCAGCAGCTGTACCTGATGCCATCTATGACACTGACCTCCATCAGG  
TCCGAACCTCTCGCGTGGCATTGGAGATACGAAGAGTGGGTCTTAGGAGCAG  
CGCGTGAGGAAGCTGGTGACATCCAGGCGCATTCGACAGCCCCGCTACAAGCG  
TGCGCCGCGAGCAGGGCTCTCTATTGAACCTGACGTATTGCTCTGCGCAAATCT  
CTGGCGCTCGTGGATTGAAGCTCTCTGTGCTGCTCGTAGCCTCGACTTGACGATC  
AAATTGTCTAGCTTTCTCGATCTCTCGTCCGAGATCAATTACGCACGTGATCTA  
AGTCACTCGGCGAACAGAACATCCGCCACTTCATCATGGTCATTTGGAGTGCAG  
CAAGCAAGCCAGCCTCTGGATAGGCGGCTTGTGGCGAACCTCCAAGATGACTG  
ACCATTCCATGCCCTCGTGTGACGATGCCAAAGTATCGTCCGACCGCTGTTCA  
CGTGGCGCATGCCCTGTTGACGATGCCAAAGTATCGTCCGACCGCTGTTCA  
TGACCTTCGACGCGACGTTGAGACCAACGAAAAGGTGTCTCCGGATCAGG  
AAGACCAGCTCGATCAAGAGCTAACAAACCTCGGCATGATTGTTCTGGCCGCC  
CGCAAAGCCATGCAGCGCACATTGGATCTCGATGAAAAAGGAAACAAATGCTGA  
CCGCTCCAAGTGGCCTCCGACAAGCGGCGACCAGCGCTGACTGTCATGGGCT  
TAGCATCTGAAAAAACGACCAGCTGAAAGACCACATCAGCATGACCATGGCGCG  
GCCTCATACAGCGCCAGTGAGTCGTGTTGCAGAGGGCTGACTCTTGAGCAGTCGT  
TTGACGCACTCCGTGTGCCGTGCGCTGGCAGCAAGCACAATGCCCGTCACTG  
GCGTCGAAAACCTCCATGAGCTGCTCAACTGCCCGCTGAACCCGCTTGGCGCG  
ACATCAAGCGGATAGACCGAACACGACTCGACAACAGTGGCACCCAGTTGATCAAC  
CAAGCCTCTTGCCGCTTGTGATCGTACCTCAACGGCGTAGCGTGCAGC  
AGCATCATCCTGAGCCGACAAAGCGACTGCACATATGCCCGCTTCCGCTTCAC  
TGCCTGTCTAATACTATTCTAATTGCCGTGTTCCATTCTCATCTCCTCTATTCAATCTA  
AGGCCATCAGGCCCTCCGTCAAGACCAAAGCGTGATGGCACCCATCGATTAGATCG  
GCAGAAACTGAACTCACAAATCGCGATGTCAGGAACATGGCCTCGTAGTCACAC  
GCAATGAGCGTGCCGGTTCATCTCGATGCGATGGATCTCAGGTGCGCTAAACCAT  
TCTCGAAATCGAAGTCACTGTCGAATCGTGTGACATCGCATTGAGCAAGCGCC  
TCCTCGCGAGCTGCTCAACTGTCATGTTAGTGGCGACTTGGACCGTCGCATTG  
ATCTCGATGGGTATTCTCATCTGCTCCCGCTGACGACTTGCAAGCTCGAA  
CGCAATCTATGCATCGCAGACCGCGCTACAGGACGAAATGCCACGATCGCTGA  
ACATCCATTCTCATCCGTGCCGATAACGCCAGCGCCGGATGCACCCAGGCCGAT  
ACGTGGGGTGGGCCCGCGCTAAACGGGCTCGTGTCTCGTTAACTCTGGCGA  
TCCAGCCACGCCATCTGGATGCATGGACCGTCAGATGAGAGCGGTAGGCATT

CGCCAACGCCCTTCGGCATTGACGCCAAGGAAGCGCCAAGGCTTGATCGATA  
GTCAGGGCCAAGATCGTGCCTGCTGGAAAGCTTCTCGATCACACTCATATCG  
AGCCCCGTGATGCCCGCATGTGAGATCACGCTCTGATCTGCCGGCCACGCCGG  
ATCACAATGAAGGAAATGCCCTCCCCGTTGACCGAAATTGCCCGAGATCGGCTCT  
TGGATCTGCTCTCGGGCTTGGTACTGGGATACCACGTCAAGAGTTCTACCTTA  
GCAATCGAGCGTGGCGTCTGCTGATCAGAACGGATTGCCGTGCTACGCTTG  
AACTGGTCGAATTGGCGTCTGGGATGCCGAGGTAGAATTCCGCCATGGCTGCGTG  
AAGCGCGTGTGCCGGGATTGATCAAGTATCTTGCCTAGACTTACGAAGTCTCTT  
GCATCGATGATGGCATTGCCTCATCGCCTGGCGATGACTTCAAGTGCCGCCGG  
AGAAATCCTCTCGAAGCTTCCGCCCTGCCGACATTGTCATACGCCCTCTCACT  
TTTCATGCCTTACTGGGAGAACCTGCATCGTAAGCTTGCCTAGTCATCAGCCTGAC  
AGCCTGTGGCGATGCTATGGAGCAAAGCCTAACCTGTTGCGTGGAGGAAGCACAGC  
AAAAAGCCATCCGCCGTAGCGACCCAGTGCACGGCGTCTTGCTACCTAGGGT  
GATCGCGAGTTGCATGTGAGGCCATCACGACCAGCGCGTTGCTTGTGACCACAAAC  
TTCAACGAGTTCAAGCGGGAGGCCGTTCGCAACCGATGAAGCGGTGCGCCTG  
CGTGGACAAACGAGTTGAGCGCCACCCAGGAATATTCTAAATTCCAAAACCGCG  
CGCAACGGCTCGCTGCCTGCTTCACCGCTTCAAGAGCGATCAGCATTTGGATAGC  
ATTGGCAAACGAGCCGTAGTGATTCACTGTGGTGTAGCTCTTGTAAAGCAG  
GCCACCTCGGTATCGCTCGCAGTAAAGGACCCACACGGCGCGACCAGCGCTTC  
GAACTCGCCCGATGAACGACCAAGGTGGACGGCTCAGAACCGCTGCAAGTAAGC  
AGCGACTCGAACAGCGTGCTCAATCGAAAGCAGGAAAGCGCGACAGACTTG  
AGTCGATCACTTGATCAAACGGCGAGCCATGTGATGGGCGCAATGCCTCAA  
CAGCTCATCAGAACCTCAAAGAGCTCTCAACCTGCTCAAACATCATGCCCTCCC  
AGCATTGAAACAGTTGGATCGATCCGGCGCATCAACAACTCCCTCTCGATT  
TATCCATGCCGAAAAATTTCAGCAGCATCTCTTCACTGGATCTGCCGTAATGG  
CGTCAGCGCGAAAGAGCGTGATGACCGAATCAAGCGTAGCGCCATCTTGC  
AAGATCAGCGCACTGGTGGCCCTATGCCAACAGCCATGAGAGAGAGAGGGAGG  
GCTACGCCACCCCTTGTGCAAGGCTGGTGTGCTGACGCCCTCGATACCAGGT  
GGTCCAGCACCCGGATGTCGAGGAGGCCAGAGCCTGCTGCAGGCCTGGTGC  
TTGCGGTGGCTCGCTGGCTCCGGATTGCCGTTGGTGATTGTGGAAAAGGATG  
ACGGCAGCTCGTTCAATTCCAGGGCGCGTGGCGACTACTCGGAAATGAATATCG  
CAGC

>CONTIG\_12\_length\_15137\_cov\_11.539574

ATCCACACCATGCCAGAGCGGTTTACGTGCAGCGAGCAATTTCATGGCTGAGA  
GTCGGGGCTAACAGGAGATGTTATGTATTGCAGGAATGCACATACACGGCCTGAT  
GACCAGATCGGCTACTTGGCATTCGGCTATGACAGGCTCGATGTGCTTAGATT  
ACCATTGACGTGCTTGGCAATCTCGCGTGCCTGGAGATCTACCTTCCTGCGCAGC  
TTGAGCGATGACCAAGCGCTGGCAATCAGCAATTAGCGATCCAGCTGATCGA  
AGGGCGTATCAATAACGTGGTAACTAGATCAATTATTGATATAGCGAGGAAGTTG

CCGGTAAGCGTACATCGACGATGTGTATGTGGATGTCCTTATTGAACCTGCCGCG  
GTCTTGAGAGGAAGGAGTAGTATCCCAACCAGCCCAAGAACCGCCATGCCATCGC  
CGATTTGCCCTATGACGCAAAAATTATTACACCTCGCTGGTGGTGCACG  
AAGAGGAAATTAGCGACGCATGACCGAGAGAGTCTTGATAGACGATTCTTCA  
GCCAAAAATATTACCGCAGCGCAGCGCACAGCTGAGTGGGATTCAAGGG  
TTGCAGCACGCTTACACCTCGTAACCAGCGGGTACGCAACCAGAAGAAAGCTATA  
GAGCCGGAGGATTGCCGACTGTCTCCGCATGAGCAAGACTGGGACGGTGCACCTCTT  
TGGCAGGAGGCCCGGGCTGCCGCCGTGGTCTCCAGCGAATTGAGGATTAGA  
GATTATGATCCAGGCAGTGATGCACTGATATCTCGAATATGTTCAAGGGCGAGGCG  
GAGTGAGGATCATGGGTCAAGGCAGTTGAGCGAATAGACGATAGCCGCTCCATGA  
CTATCAGTCATAAAATCGACGTGTATCCATGCACTGGTGGCAATATCGAAAAGT  
AAAGTCGCGCGAGTGGCAAGAACCTCTTCAACACACCGCAAGGTAAGGTTGGCCCG  
CTCCCGTACTCGCTATACTCCGAGCGGTTGGTGGCCGACCACTCGTTTCGC  
ACCATAGCCACCTTAGCCAAGAAGGCTGATCTCATCTATCCGAAAACGAATCCC  
TGCCTCAGTGCAGGGCGTCATTTGTTCGCGGGATGGCATTAAATTGCCAGAAG  
CTGACCGCGATCCGGGGGTTCTGTATAGTAATGTTCAAAATCGTAGCATCA  
TGCAACGCCACTCGATGTTGAAAGAATCGGAGGTGCTGATTGAACTGGCTACT  
TTGTCTTGCCAAGCGATCAATGTCCTGAACAGGTCGTGGCACGTTAGGGCGCGA  
TTGAGTCGCATCCATAGGGCCTGCCTATCTCAAGAGCCGTAGGGCTGTTCCCTT  
GACTTCTCATGCGAGTCCGTATGGCGATGTGCCGCAATGAGGTTGGGTGATAC  
ATGTCATGCTAAGCACTTAAGTTCTACGCATTGCAAGGGCCACTATTGGCCGAAAG  
CGGATATTAGCTCGTCAGTCAGCCATCGAGTGCTAGTTGCCCTCTAAGTCTAATGC  
AGATGCACCGAGCTATTGCAGGATACCGTACACTTAATCATGGCGTCCGAAGCG  
CGTGATCAGGGCCTGCTCAGGGCGCCAGGCCATGCTGGCCTCCGGTCCGTGA  
CAGGTGCCAGCCAAGCAGCTGACCGTGTGCAAGCGATCCCCAAAGCCAGGCTGA  
GCCAGCCATCCTGCCCTCCCCATGCGCAGCATAGGTCTGTCTGTGCCAACGTT  
GATCCGGCTCTCGCGACGCGATACCTGGCCTCGACCCGCGGGCTGGCCAAGG  
GCCCGCGTACGAACCTGCCAGCCCTTGAGCTGGAAGACTCGTTGTACGGTGTCTTG  
TCCATGTCAAGCAGCGCAGCCACGGTGCAGTACGCAAACGACTGCTCCGCCTCGAT  
CATCTCATTGATTGGCTCAGCCAGCTCCGGCTACACCTGGCGGGCGACCTGGTTGG  
AGTGTAGTGCATCGTGCACGTGCCACGCCAACTACTGGCAGCAGCCACCGCTGT  
CTTGCCTTGGATGATCTCAAGGACCAGAGCCACTTGCTCCGGGGTCCAGCGCTT  
GATCTCTCTCCCATCACCTAGCTCATTGGTGTCTCCTCGGGAAAGTAACACCTGA  
GCAGGACTTACTGGTGATTACAAATCTGCTGCAAGCAGCTGGCGCTGGCTGTTGC  
CACTGCCACACAGGCCAAGCGGCTGCTGGTATCGATCAGGCCGGCTGGCTGTTGC  
CGACCCCTTCCGCCAGACAAGTCCAGCAATCTCAGGAGATCCTGACGTTATCAA  
GCAGCATCATGATCTCGGTCTCAGTGGGGTCCATCGGCAGGAGAACACGTTGGCGT  
GCGAAGCGTTGACCGAGTACAAGCGGTAGATGGTAGACAAAGTCCAGATCCAAC  
GCGCCAAGAATGTTGAAACACTGATTCCGGGTCAAGCAGCTGGCGCTGGCTGTTGC  
CCCAAGAAGTGCAGGCAATGTGCTGTCGATTCTCCTGCGTAAGCACATCCGCCGGCC

CTATCATCGCGACGCTGCGCGCTGTCGAGCCCCTGGCGTTCTATGGATGTCGGAC  
TTGAAGTGTGCTCAGCGCCTCGACAGTGATCACACCATTGACCAAGCCGTACATG  
TACCGAAGTGTGATCGAGACGCGATGAACCATCGCGGCCGGCTACCATGGTG  
GGCACTTGCAGTGACACCAACTACCTACTGTTGGCGATCAACTCGCCCAGAACTG  
CAGCGCCAACCTCCTGATCTCACCCACTGCGGCCAGCTCCTGAAC TGAGCTTC  
TGCCTTGCACAAACCAATCTGCTTATCCAACGACATCGCTAAATCCCTCTGT  
TGCTCCTACGAAGCGTTGGTTAATAAAATCCTGGGGCGAGATGGGCCTCAATCGC  
CGACCAGTTCATCAAGTAAGTCATCAAAGCCGCTCGCTGATCCACACGCAGCTTT  
CAAGATGAGCGATGTGATCGGCGTAGACGTCCGTGAAATCCGCAAACAGCGTCGGC  
TGGCCAAGTGCTGAAGCGAGGCCACGATACGGTCAGGAGACTGGCGAACTTCCG  
GGCAAGGTACTCGGGTCGCGCTCCTGATCGTATTGGTGTGCAGCCTCCTCCGTATC  
GGGTCGGGGGATCAAGTACGAGTCAAACTCTTCGGGCATCAGTCAGGGAACGCAA  
CCTGCAGTACCGCGTACAGCGAAGAGCACTCTGCCTCACTCAACGACGCAGTCGAG  
GCATGATCTCCGGAGTAGGCCAGATGGAGCATCTCAAACACCCCCGGTCGAGATT  
CTTAATGGGAATTCTTACCAACTATGTGTGATAAGTGACGGGATGATTGATGCG  
CTCGATTGCGCTAGAGAGGGCATTACTGCTCAGTGAGAACTTAGCCGAATCCTCGC  
CTTGGTGTCAATTGAAGGTTCCATACCCCCAAGTACTAATATTGGCAGTCGCTGCG  
ACCTTACGAAGCGTCTCACGCCCTGATGGGCCGCAAAGGATCCGCAAGCGGCCTC  
AATCTTACTGTCATCAAGCGTAGCGAAGGTCTCAAGAATCTGCTCAGTCGGC  
ATAGCCCTGAGCGAAGTGGCCAAGTCGATATGGTCTAGCGCCTGAGATGCTGCTC  
ACCATCATCGGAATCAGTCGATACCTGAAGACCTGCCAGTCGAGTCAACGGATT  
GAAGTCTGAATATACGGCTCCAACGCCCGCCAAGACTTGTAGAGACGTTCGTCCGT  
TGCCTGCATATTCAAGCATCTCCAGTAGAGCTGATGCTGTGCTCGTGCCT  
ATCTCAGGCTTGGAGATCCCCTTCGATATTGGGAGACCTCAGCCTAAACGCATT  
CACGCCAGCGAAGCATGTGTTGATTGCCAGCTCAATATGATGCCAGCGCAATAG  
CAGATCGGGTACACCAGCAAGTCTTCTACGCCACGGGCCACGTCGATCGAGC  
ACCTGATGGTGGGCCAGTCCAAGCGACACCAGTAGAACCTCTGTTGCCCTTCGAA  
GCCATCAGCATAGAGGGGAGCATTCTCGGCCGACCCCTGTTCTCTCCACGCAAGC  
GTTGTAATGGGGGTACCGGCCGATCAACGGCGGAACGGAAGAGAGCTCCGGAGG  
CACGCTCTAGGGCTTTCATGCCCATATATGCTCCATCCTCGCTAACAGAAAGTT  
CGAGGCTCGGATGGTGAGGCGCACCGCGACAACACTGAACACGCCAAATGCATGCC  
GGGCTAGACCCAATGAGCTTCAGTGTACGCAAACCTGCGCACACATGGGACATG  
CCAATCCAGCTTAAGGCACAGTCGTTCTGCGCTTGTAAACTCTTAACGTTCGAT  
GCCACGTCGCGAGCAGATGCGCTACTAGTCATCACCCCTGGGTCTTCATTGGCTTC  
TAGTCCGAGCAGCTCAATCATTACATTGACCAGATCACTGTCAGCGTCAAGAAATG  
CTTGGTTCAGCACCGTAACATAGAAAGTACGGACATCCTGATCATTATGATCCGGCT  
GATCTGATTGTTGCCGCTGCTGCTTCGAAAAGCTTGTGTTGCGTCTCCACCGTAATC  
AATGGAATGTGTGCA GTTAAGTCGGTGTGGCCTGGTGTCTCTGGAAAGCTCTCG  
CTAGTGACAAGTTCTCGATTGCCACCTGCTTAGCTAACTCAACCTGTGGATCCACA  
ACCGCGCTACCTCCTCAGCGACGGGTTCTGTTCCGCTGGCTGGCAACTGGTTA

GGTACGAGTCCAACCTGACTCTGAACCTTCAGGCTGATCGACGAGATTCTGTAG  
TAGCTGAGAAGCGACTGGATTGATGAGTAAACGTACAAGTTACGACCAGGGGCCTT  
CGCCGCCCACTCCTCACCAAGAAGGGCATTGGACGAGGTTGCTGCCATAGGCTG  
CAAAGGTGTGGTGAAGTCGCCATCGTGGTACGACGTGGAGATCCTCGTGGGA  
GGTCGACAGAACGCTCCCCATTGTATCGTCGCCAATGTTGCCCTGGCTACCTG  
GAGGATTGCCCTGTGCATTCTGGTATGGCGGGATAGGCCATTGCAATCGT  
CGTCTCACCGAACAGCGCAAACAACGCCCTGATCCGGTGGTCAACTCAAGATCTT  
CCAAGGCCCAAGCCAAGTACATTGCCACCAGCTTCTGAGCGGCAGCGCG  
GTGTCCAGAGCGGCTTGACTGGATCGCAGTATCCATCTCCCTCATATGATTGGG  
ATGCTCGCTGCCGGCTCGCCTATTAAATTCCGTGACCACCGTATAGATCTTGACT  
CACGGTTGCCAGAACCTCGCCTCAACCTGCTTGGGAAGATGAACAATAATCTGAT  
CTGGTCCGACAAGTTGGTCAGGTTCTCAAGATGAGACGATTGCTCTGAAAACG  
AGTAGAAATTAGAAGTATGTTCGTGTCAATGAAGACGTTAATTGCCGGCATTGTAG  
TTCCCTTACTTATTCCGTAAACGCAAGCTCTCGCGTCCTCGCTAGGCCCTCCGGG  
CGCAAAGGGCTCAGCACCTGAGCGGCCAGTCGCCGGGCTACTCCGAACGGGGCGC  
AACTCATGCATCTCGCATGTCACACGCCGCCGGATTCTTAAAGGTCCATGA  
AGCCGACCACTGATACGCCGAAGTTCTGTGGAGACTCACGACCCCTGCGCGTA  
GTGCCGTTCAAACCTACAGGGTATAGGTCCCGTTGAAACAGTGTTCGCGAGCGA  
CTAGTCTATGCGACCTGGTATAGTCGGACTTCGAGCGCCAGTCGGTATCGTATAG  
GAGAGCGTCGTCGGACAGCAGAACACACTACAGCCTCGAAGAAATTCCGCCGTG  
CAGGCCATACTTTCAGCCTCGCAATCGAACGAAGGACTGCTGCGACTCGG  
CATAGAACCTGATGAGCTCGAGACAGAGTCATTTGATATTCTAAAGATCAACG  
AGTCATGCGCTATCACCGGAAGTTGCGTTCTGCAAACATTGTTAGGTAAAAAGAA  
TCAAGGCTACGAACGCCGCCAGTATCCGTCTTCATGGACATCGAACGTATAAC  
TTGCCCTCCCTCAACGTCATCGCGACTCTCCTACCCCTGCCAAAGATTGCGCTTGC  
TGTTGCCCTCATGCCGTGTTGAGAGATTCTCGATTCTCTGAATCACGCGTACCTC  
TCCTCCGAAAGAAAGCTCTTGAGCTCGCGATGGATTCCCTGAGAGCAAGACCAAG  
CTCATAAAATCGATTCTGATCCTCGCCCTGCAGGGAATTAGATAAGCCAACCAC  
CCTATCCAGTACGGCGGTTGGTCATTGACACTTCTGAGGGCCTCCGAGATCGTAGA  
ATCAACCTCCGCAATGTCCCCGTCAACCTCAATCAACTGATCCGAAAGTGATCGCTC  
TGAGTCGCACAGCTCAGCCCTCAGGAGCTGGCGACTCGCTATGAAACCTCTCGAC  
CTCCGCAAGTCGATTCTGATTCACCTCGGGGAAGTAATGAGTCATCCATCAAAGTG  
CGCACTCTGATATGGCGATTGCTTCCAAGTTGCGCCGAACCTCCGTAGAGAGGC  
CTCCACCCGTATCTAGTCAGAACAGACCATCACGCCCTGCTCTGCTCCACCAT  
CTCACGATTAACGATATCGCGATGCTGGTGCATAGAGCGCCAAATTAGACCTGAT  
TGCATCAAGCTGCTGCTCAAGCGCGTCATGCTAACAAAGGTTCTAGCGTGCCTT  
CTTCCCCACCTTGGCAGAATGCTCGTTGCCACCGCATTCTCAATGCTCCGGATTCC  
TTCTCCTTTCAAGCAATGACACTTGGAGATCCCTGATGCTGCCAACAGACCAAAT  
GTCTTGATCAGGTTATTAACACACTCCCTAGGGGGCTGCGCCTGAACGCATGCAGT  
GGAAAGCGAGCATCATCGTGCACGGCCCCAAACTCGAAAATACGGACCAAGTAA

TGCACGAAATGATATGTCTTCAACGTGATGCGGAATCCGGCCATCAGAAAGGACC  
GGTACTCCTCAATAGTCTTGACGCTGACTATTCCGTAAACCTCATCGCAGACATA  
CGGTCGCACTATCGGCCGTTCTCGCTGGAAGCGAAATGTCTCCCTGCCAAACTGAA  
AGGAGAAGCGATAGTCATGCTCTCCAATTCTGAGACTACATGCCGTTGTGTTCAA  
TGAGCGACTGACCCCCAAGAACAAAAGTCTACAACCCTCAGCAGCGTCGACTTCCG  
ATCGAGTTGTCCCCTTCATCACCGAGGACCGTTCAAGCCGGATGGAATGAG  
ATCGTCTTTGACGAAATCTATCGAATAAAATCTCAGTCAACATAGGTAATCATCCT  
GGTTCCAGGATCAATATCAATTGCTCTAGCACGAAGAGCAAGTCAAGCGTTAGCA  
GGAACCTGGTCGATGCTGCGAAGTTCTGGCGACCGCTGATACAGTCACAC  
CTATAGGGGAGAGCCCTGCGAGAGAATGAACACCGTCTGCCTAAGGCAGAATCT  
TTGAGCCTAACGACTTGTGCGATATCACTCAAATACTCGCAGTTGAACAA  
AAAAGGAAGCGACAATTCCGCGGCCTCAATGGTCTTGATCCGACCTCTTATGGA  
ACCAATCCACAATGTTAGAGTAGATATCGTCTGGGGAGGTTGAGCGCTTCTGCT  
GGAGATAATAGGACTTCACCTGAGAGAATATAAGCTGGAACAGTTAGGGTCATCT  
TCTTCAAGCTCCAGGAATTCTGCTTGATGAACTGAAAGTAGTCCGACACGTTCAGC  
TTTATTTACGGCGCGTGTGGAGATATCGAATCTCCAGTTGCGATCAACACTG  
ATAGGGTTATAAGAAAGATTGGCTTGCCTGCGCTTCTGGCATAGGCATGCAGC  
GCTATCACCACCTTCTATCGCGTCTCTAAGGGATACTAGCACGCACCTCTATCT  
GAGCAGAAGCTGAATAAGCTTCTGCTTAGCTCATATAGTCGTTGATCGGATG  
CAGTGCAGGTTATCGAAGATTCCGTGACATCGCTCGCATAGTGGTATTAGGTTGT  
CGGGATGATTGACGTCTCATTCACTAGTAGAGGCACGCCGCCAACACGACTCGCTCCA  
CTTCAGTGGATTGAGCGGGTAGATATGAGCAATTCTACGCTCGATGCTGCCGAC  
CACCTTCTCATAGAAAAGAGGCATCCAGCATTGGCACGCCGCCAACCTGAG  
TGGTCAACCTGACCTCAAGGGCTGTGGAGCTTGTGCGCTGGGGCTGGCCATCG  
GTCTCACGGCTCCATGAGGTCCATTGCGCCTCGCATGGAGACCAACACTCCTAGA  
AGGTCGTAATATCCCTCAACTCGGACCAAGGTGCGCAACTGCAGCCAAGCCAGTCTG  
CCCCCACCACCGCAGGAAGGGCAGGGCCGTTCTGACCAAGGCCGAAGGAGTGC  
AGCGGGAGTGGATCATCAGGAATACTATGGGACGCCAGCAGGACAAAGCTCTCG  
TCGGCCTACCGCCTGTGCGATTGAGGGTGATTGAGACGCCCTAGACCTCAGGAGT  
TACCCAAAGCGGGCTTCTCTAGCGGACTACTTCCGCTCAAATTGAGTCTGGCAT  
CCCAGCATAGGGCTAATCTCAAGCAGCTGCGGTGCGGTGTCATATGAAATCCAA  
CTGATGTCGCCAGGACCAAAGTTGCGGCGGCCGAAAGTTCCCCATGCCATGCC  
CGCGCAGGACGGTTAGTACTCACCTCCGACCAAGTGTGGAGCAACCTCCAGTT  
TCCGAGTGGCGCTGTGGCGATTGCAGATGACGACACCCTCGCTGGCTGATCTG  
TTCGCCTGGCTCCGATCATTCTCAGAGCGGTGCGCCTGATGTCGCCTCCAAGAG  
GGAAGGGAACGCAGTATTGATATCGACGATCTTACCGACGACGATGAGCAGAG  
ATCCCTAACGCGACGATTCTCTTAGATCAACGCAGATGGTCTCGCCTGCTTGCAGTC  
CAGCCGGCCGCCGCTAAAGGGTGGCCGGCACCGGAAGATTGCGTACTGCGA  
GACGGGAAGCCGGCTGTCCACGGACAGGGCCTGATGGAGCTGCAGCCAGTAG  
CTCGGATGGTGCCCAGCACCTAGCAATACGTAAGGAGCAATTAGCCGCTAGTCTG

GTACGTCGACATGCTAACAGCGCCGATCAGGCTGAGCGAGTTGCAGATTACCGGT  
GCTATATGAGTACAGGGCGGCCGCTAACGAGTCTGTCAATAACAGCGTCACGCC  
GGTAACACCCGCACATCCCCTGCTGATCTGCCGTACAGGGGCCCTCTGTGCG  
GTTCATCTGAGGTTGCCCTCCAGCTAACGACCGCTGTGCGAGTTCAAGTACCC  
GGCGTCCGATAGGACCAAGGCAGCCATCGCAGCTCCCGCTGCCGAGCTGTCTCG  
CGAACTTGGCCCTGAGGCCGATACACCCGGACACACACTCGCAGCTGGCGCTG  
ACGTATAACCCAGACCAGCTCCGGCTCTCGTGTTCGATGCGACCGCTTGGATCTC  
TGCAGACTAGACTGGAAACCGGCTTTCTCAGGGCGCTGGATCGCATCCGCCCTC  
GCGAGCCACGTTGTTGCGTGATCTGGCTCCGGCTGAGCAGCTCGGGGCC  
ATCGCGTAAACGGTGGAACGCATCCGAAAACGCACCTCGGCAGTGGTCGGTATAC  
CCGCAGTTGCTCAAGGCCATCGATCAGCTCCAGTGATTCTCAAGACTTGGATC  
TGCAGGTAATCTGATTACGGCGTGCCTCACCTCGCCGCAGTGCGACAGCTCGGTG  
CGCTTCTGGCTAAGAAGTTGTTCAAAGACCTGGCGCGCTCGCGATCCACCATCGCA  
TCTGTGCACGCCCTCGAGCTGTCCATTCCATGCAGGGCCAATGTCGTCGTATCCG  
CCTGATGGCAAGAGGTAGCCTCACGCATACGCCGAGCAATGTACGGCGAAAAC  
AGCGTAAAGATAACGCTCCCGACCGCTCCCTCGGAGCGCCCGAGGGTTCGAA  
ACTTGTGCTGCGGCCGTAGGGTGACACGAATCGGTCTCAAATAGTTCTGGACG  
CCCAGCCATCGACTCGAGTGCCTCTGAGGTACTCCGCTTGCATGTCACGGCTGA  
TTGCCCTGGATGAGTAGCCCCGCCGTAGTAGATCGACATAGAACGACTAAGGTGCT  
TCAGTTGGTACTGAAGGCTGGCATCGCTGACGATACCGAGGCGGACATGTTACA  
GCCGTGGTGCAGCGAACGCTGGTCCAAGCTAGCTGCCAGAGCGCCGACACTGTA  
TCGCTGGCATTCACTGTCGCTGACGCCCTCGCTTCATCCAAGTCGCTGGCCT  
GATTTCAAGTCCTCTGCATAAAAAGCAGCGAAATTGTTTGCCAGTCGCGTA  
GGCGTGGCTGGCGACGGATGTCTCGTTATCGGGCCGCTGCCATTGGCGGCC  
CCAAGGTTCGTACACCAAGTAAAAGCAGTTGTTGCGCGATCCAAGGCGGAGG  
GCCCGGGTGTGGTCCGTCTCGGGCCGAGCGGACTAACACTCGAGTGCTTCCAGCGCT  
TCTGGACATCGCGGCAGGTGATCCAGAGTGCTTCGTCCTCGGTAGGGTTTGGTGC  
TTTGCCACGTATTAAGTAGATCGTCCCAGAACCTCGTCCGATTGCTATGAAAC  
AGCCACGCCGGAGCGAGAGGACCTCCCCGATTGCTACCCGGTCAAGTCGCAATG  
AGGGCGCTTGCAGCGAAACTGCCAAGGAGAAAACGGAACCGAAAGACGAGAGTC  
GTAGGCCCTCCTTGGGCCGCGCACGTCGTATGAACTCTGTAAGTCCGTGCTGG  
CTAGGAAGTCGGCGATGGTCCCAGATAACCTGCGCCGGATACCGCGTACAGGCG  
CGCAGAAATGGAGAGAAGGCAGTCTATCGAGTCTGCTGCTGCCAACGACAAGC  
CCGGTTGCCAAGTAAACCTCGCATGCTGCTGGTAGGCTGCAGTGAGCCCTCCT  
ATGGTGAGAAACTCCGTTAGGTATCGGTTGAGCCGGCCAGCTGGTAGGCCAGA  
TACGCGGCCGGATATGCGGTCTGCCGCCACAGGATGGGAAGGCTCCTGGAA  
AAGATGCTCATTGCCCTTGTGCGAACGACGATGAAGCCGATTGGTTGACGACGTG  
AGAAGTGAATGACTGCAGTTCCAGGAGGAGCGTATCGCGAACGAGGGTTCAGCTGCAC  
AGCGAATTCCCTACTTCGACCGAACGCTCACTGAATTCTCAGATCGATCCCTCTG  
CGCGTAGCGAACCGGACCGACATGTTGAAGCGGGCGTACGTGTCAGCGACGT

CGGTTGGTCGGCGTCGCCGAACAGCCACCAAGCGGTGATCTCCTTGAATGT  
CTGCCTGTTACTCTGAGAAACCTACTATGGTGTGAGGCCACC GGCGCAAAGTGGAG  
TCGACAGCTCTGCCGGCCGCAGAGAAGTCCAAACGTCGCTTCGAAACGGCT  
TATCACTTTCCCAGCCATCGAATGACATGGCGCGCTGGCGTAGGGGGCATGC  
GGGAAGCGCGACCGGTGGACATCGATCGTGGCTGAGGAAGTAGCAGCTTATAGG  
TTAGTCGCGTCATGGGAAGGCTCGCTGCATTGATGATGTCGGACCAGCGCGGATGA  
AAATCTCCTCCATGACTCTATCCTCCGCCTCCTGCACGAGCTTGGCCGTCCCCC  
CTTGGATGCGATTGGTTGAGCTCTCCGAAATGGCGGTGATCACGATTCTGGAG  
TCGTCGGCTCGGGCAGGGCCTGCCTAATAGGGGGTAGGCAGCGAGTCCAGTGAT  
TTGAGGTAGCGATAGGTGACCAATGACCAAGCAGTCGAGTGACATCTCGTCACG  
GTGATCCAACAGAACAGGCAGCCGGCCGATCGCAGTCGGAACTGGCTGGC  
CTAAGCGTGCAGGCATGGCTCGGGTACCCGCTGCAGGTGCCGGACCTGCCGAC  
AGCAAGGACGAACCGAGTCGTTCCAGAAACCTGTAATCTGACCGTCGCTCGCTG  
GTGATGGGGCGTTGGTAGCCCATTGAGTACACCAAACAGAGTGCTGCGCTACTGCTG  
GGTAAGCTGAAGATCCTCGCTACGCCTCAAGAAGTAATTGATACTGTGAGCGCA  
ACTCGCGGGCGCCGATATAGGTCAACTCGCCTGCCGGAAAGCGCCGGAGGCCA  
TTGCAATGGTGCTCCTGACGATGAGGATCACCCGGCCGACAGCAAACGGGAAGAG  
GCGTCCGTCGTCCGGCTACGCGACTGAATTGCCAGTTGAGGTATGGTCGAAATG  
TTGCCTATGCCATTGAAGATCTCAAAGGCAACCTCACCGCCTTCTGGCTTGTA  
GACGCCCTTGACTAGGAAGCCACCCCTACGTGTTGATCGGAATCGTAGAACGCT  
TAGATTGAATGCCGTGCTAAGTCATTCCGGTTGTGCAAGGAAGATGGCAAGTTC  
CGCTTCGATCCTAAGATTGATTAGCGTCCGCCGCGCCAGTGGCCCTGCCGCTAG  
CTTCCTTACTCGCATTGATCAGGCTGCCATTCTGGTCAGGTCTACCCCTCGCAACG  
TACGAGGCGCGAAAATGTCGTCGGAGGGATGCCGACCAAAGCTCCAGCGACTT  
CTTCCGAAGTCGAGCTTGAGTGGTAAGGGGCTGTTATTGTTCCGTCGTGAGCAG  
ATCTGCATCACACG CATTAGCTGCCAAACTGAAACGTCTTCTAGGTCTGCTTG  
TCGTGCCACTTCAACTACTCCGTCGAGGCCGTTAACGAGACGTGCCGGATCCTG  
AAAAGATTCCATCGATGTCGGTAGACTCGGAGAGCATCTCACGAGGCGTGTGCA  
CTTGAATAGTGAGAGATTGGTTCCCTGCTGTTGCGCACGTCCTCCGCCAAGCGATG  
AAGATGTCAATGACGTTAGCAATCGTAGGGTCGAGACCATGCGCATCGCAGTACGT  
GTAGAAACCTCTCAATGTCGATAGTGCTAACGAATGTGCGATAAGAAGAGCTTC  
GTCGTACTGTGCTTCAGCGCAGTCTCTGAGCGATAAAACCAAGGGCAAGCGCGCTG  
CTCGGAAGCTCGAACCTGTAGGGTTATTCAACATCTTATGCCGGTTGCTGCG  
CACGCTGCTCATGCCGTGGCACGTAACCGGTAGTCCAAGCGATGCTGCCGCT  
GCGATTGGCTTGACCGACAGCTCAGGAAGCTCAGAGAAGGCTGTCACTCGCATGG  
TTCTCGATCGCTCGTTCAAGAAGGCTAGTGAGAAATCATTCGATCTGGCCTTC  
ACCTTCTCATCTCGACGAACCGTATGTAGCGTAACGAGGTCGCCGTGAGCGTGT  
AAGAGTAGGTCTTGACAATGGAGATCGCATTGAGACGCTGATTGAGCGTAGAGC  
AGTCTCAGCGACTTCGGTGGCGAAGGTGCGCGTGTGTTGGAAATGGAATCCAC  
CAAGGTCGATGCTAGTCTCGCAGCTCGCGTCGACATGAGAACGCTAA

CAGTAGCGCCATGCCCTGGCGACTTGGCAGCATAGGACCGGCCAGCAGTAGTCAGG  
AACACCCGGTCTCGATCGCTGCAGCGCGCATCAACACGTCTAATGCGCGTCGG  
CGATTGACGTATCCCAGTATTCATCGAAAAGCGTCGCCGGCATGATGACTTGACC  
CGTGACGTCGAACCTCGTGTGGACTTGGGTGTCGCGCCGGCCCGATAGTTAGGTA  
GACAAATCCGTTCAACCTGAGTCGCGCGCAGCGTTGGTGAGCGTACCTACGCGAA  
GATCGCAGATGGATCCGACCCGCATACCTGTGAAGAAGCCGCAGGCAGGCATCAAG  
AAGAGTTCATAGGGCGCGTGAGATCGAGCTGCCTCTAGTATTGAGTGCCTGTTTG  
GCGCTCACTGGAAGAACCCGCCCTCAAGGCCGTATCCTGGTCACGCTGTTCTG  
ATCGCAAGCGAACACTGTTGTCACATTGATCGAGCGCTGGAGCCGAAGTCAGTGG  
GATCCTCACACCGTATGTGGTCTTCCCAAAGCGGCCACTTAGTGGATATGAGCTG  
CTCTTCTACAAGCCATCTATAGAGCGTAATTACCGCCCTCATCCGATGGTCACAGT  
GCTGGCCGCCAGCTTACCTGTGGCTCTCAGCTGTAGCAGGTGCTGCCGGTACCGATT  
GAGCACGCGTTCGTCTTGCAGCGGGAAAGTGGTGCATGGAACCTCACCTCCT  
AACCCATTGAGCGTAAGCCCTACGAGTTGTGCATCCTCCTACTGTTCTGCATCA  
AGGCCAGAGTTTACGAGAGAGGGAGCCAACACATTAGCCTCTGCCAAGGTTCTCG  
TGGCCCCAGACGAGTTGTGGCAAGGCTCCGCAGCCGGCTGATTAGCCCGGAAGG  
ACTTCCGGTACCGGGTTCTCACTACAGTCAGTGATATCACTACAACCTGTGCCAA  
GTTGGCTCCGCATGAGACCCGGACGAGATGTCCGTCTATCGAATGTAATGGATTG  
CGTCCATCCAATAAGTTGCAGGTACCCATGTTGCTCAGCACGACCAACGGCC  
TGCCACGCAGCTCGGGCTGGAACACCCGCTCGCAGCTGGCGTAGAAGTTGTTGCCGT  
CAATCAACCGAACATCAGCGGCCAGCGCGGGAAATGA

>CONTIG\_13\_length\_15133\_cov\_5.337465

GGAAATGGTGGCCGAGGACGGAATCGAACCGCCGACACGGGGATTTCAATCCGGA  
GCCGCAAACCTAAGTAGCTGATTCTAAGGCCCTCCAAGTCATTGGAGCAAGCG  
CGAATGAAACAGAAGGCTCTGCCGTGGCATGCCAGCGCAGCTGGTCAAAATTG  
GCTCAAGTTTGCCGCTGGCTGGCTTGATCACCTCAGCAGGCGCCGCCA  
ACGAATGACGCACCTCTCCACCGAGCTCTCCAACCAGGGAGACGATGGATGACT  
TCATCCTCCGCATAGGCCAAAGGTAAACAAATTCACGGCGGATCTGCGCGGGAA  
GTGTGCGGAACAATTGCACTGAGCAGGGCCAGCATGCCGTGGATATCCGCACTTA  
CCATGACCGGTACAGCTTTGTTGAGCGCGATGGCTGCCGTACGTGCACACACA  
CCCGAGCTTACGAAAGACTGCTGGACGTTAGCCTAGAGGACTGGAAGCGCCAG  
GCTACCTGGTACTGAAATTGGCGTCCGTTATCAGGACACGAAGCGCTCAAGGAAA  
GTGAAACCCCTCGCGCCAAACACAGCTGCGCGAAGGCCCTATCGACAGTCAGGG  
CCGACGCCGCCTTGGTAACATGCCAGGCCGTTAAGGCTGGCGGAATCAGAA  
GCCCGCGATCAAGTAGTCGCGTATTCCAAAAGGAGTTGCGGGTAGTGCAATGG  
CGGTTGAAAGCATCCAAAGCTCCGCCGTCTTGCTGCGTAAGCTCTGATCTATA  
AGGCCTTCAGCCTCCAGTAACGATTCAACTCGGTATGTATGCACTTGGTTATTGTC  
TAGGCCGTCAATTACATGCCATTCAATCATGTATGCGATGCAAGCGGTCCGAGG  
ACACCGCGAGCTGGATTGCGACTGAACCCGCAGCCACTGGCACCAAGCGAAACA  
CCGCAATGACCGATCCAGAGTTGTTAATTCTGTCAGGATTGACAAAAACGTC

AAATTGACAGAACATCTACGCATCATGGAACCCACGCACCCCCGGACAACTTGTACCA  
CCCTCTTAAAAAACAAAGGGTGGACGAAGAGGGACCCTGCGATCGTGTGGCGGTT  
GACGAGTCAGTTACCGCAATCGCTTCCGATAAAAGACCAATCACCCTGATCTG  
GCACTTGCTCTCGAAGAGCTTTCAAGTCCCCCAGAGCGCTCCTGCTTCAA  
AAGGACTACGACCTGGCGCTGGCACGGATTGCCTCCAGCCAAGCTCAGCACGTG  
GATGCGGGCCGAGATATTGGATCACTGCCATCGCTGAAATGATTAAGCGCGGTT  
GGCTCAGTGTGACAATCAACCGCACGTGGCTGCAGTCGAAGCTGAGGTGCCCCGC  
TTCTTGATGTGAAATCTGTCTCGACATCGCTTCACTGCCATGCCCTAACCGCA  
CCCAGGTTGGATAAAATGCGACCCCTCACAGCTGCCATGGATCCACCGGGTGAGA  
TCGATTGCTCGAAATGCTTCTTAAGTATTGGCGCTCGGGAAAAGTGGCT  
ATCGAGCGGCTAAACCGCTGCCGTTCTGCTGAAGAGGGAGAAAGGTCCCTCG  
CATTGGCGAGGCCGTATCCGTTCTGTTAGTGGAGACCCCTGCCCTGCCAA  
GATCGATGGGTGTGCACGTGGTGGCAGATGATGCACCGGTGGTGGAAATGTCCA  
TGCCTTCGATCGAATTGACAACCTCTGGTTGACTGCGACATGAGTTGGAGCATG  
TTCTCGAGGCACGGAAAGCATAGTCCGGTACTGATGTCGAGATGGATGGACGA  
ACCGACGCCTCCGTGGCTGACGAAGAGCGAGCAGCAAATTGGCAGCTGCCCTTT  
GCAGTTCCGCCGATAAGTGGCCGGATTATCGCGCGCAAGTCACCAACTATTCTCC  
GAGCGAGACATCGTTGGTTCGCAGCCCTATGGGTGTACACCCGGGCTTGTGCC  
GGACAGCTGCAGCATGCCACCGCAAGTACGACCGGGTCCGTAGTCATCTAGAGAA  
GATTGCGCTCGATCGCCTCCCAGGCGCATCGACCGACGGATGGGCGACGTTGCGCC  
TCTGGGTCAATAGGAGATAGATGCATGTCTACCAAGCGTCAGGCCCTGCAGAACATT  
ATCAAGCTCTACAAGCAGAGGACGGGAACTCGTCTGTCATGCAAGACGTCGC  
AAAGTTGCCGCCAAATGGATGGCAACTCCGAAGCCGAGGGACCCATTGATG  
TTTGGCTGAAGAGCTCTCGAAGGCTGCACGGGAGGAGTAAGAAAAGATGAAGTA  
ACAGGCCGTCCCTACCGGCAAATCTCGCGGTGACGACTGCCAAGCCTGATGGAAC  
GCAGTTCACCTTGGACGGATATTGACGAGGCTCCCGCACGTGGCGATCGATC  
CTTCACACAGCGACGGACCAGATGATCGCGATGCCCTCAGCTTACATTGATGC  
GACCCATTGGAACAGGGTGCATTGGAAGAAGATCCGATTGTTATGGTGTGACT  
CTCCGACGACGTCGAGAGCGACTGACCGCCATGGACGTTGAGGACAAGGCTGCAT  
AAACCGTCTGGGGTGCCTGGCTGGCGCTGCTCAGGCGCCTCGCGGGTAGTGC  
CCATCTGGCACTGCCGTCAAGTGGGGTCGACTTCACCGCTATGTCTAGCGAG  
ATGCACTAACCGAGTCGATTAGCCCTGGCGAAGCTCAGCCTGCTGGCTGCCGA  
CACCAAGTCAGGAATCTCTGCCGTATTGCAAGCCACCTGACCTTCACCGCAAGAAG  
CCTGAGGACATCGCGATCAAACCTGGGTCGCTCACGCCAGAGGCTGCCCTGTC  
CTGGCAACGAACGGGAAGCAGGCCAGCGCGACTTGGCGCGGGATAAAAT  
TCACCTCGACTGCTCTAACGCTGGCGCCACTGACGGGCGCCGACGATGTTGA  
CACTGCGTGTGATCTGGATCCCAGTGGCTGCTCAACCAGCACTGAAGAGAGATGT  
TGTCGAAGGCCGGTGTGGCTCGTCAACCAGCACTGAAGAGAGATGTAGCCGGCTC  
GGCGCTGCTCAAGCGCAAGCGGGTGAGCGGCCGTGGCCCCGCTCCGGCAAATGT  
AGATTGCAACCGATATGGGATTTCACATATCGGTGTGCCCCCTACCGCAACGTC  
GGGG

ATTTCCCTACGTGTGCGTTAACGCCAAGTGAACGTTTCGTCGTGGCAGCGATGC  
AGTTGGTCAGGCTGCCGCCGGCTCGCAGTGGCCAGGCTAGCGACGATGGCACCG  
TCGTTGCCGCCCAATCAGGGCCTTGAGCTCCAGCCCTCAGCTCCTGCGTCGCTT  
CCGCGCCGGATAGCGGATGGCATAGGTCGGCGCAATCAAGTCGGCGATGGCGCC  
GCCAGTACGCCAGGGCGGCCACGGCCTCGACCTGGAACGTGACGGTGCCTG  
GTCGTTGATTGGGTTCCAGATGATCGTATCTGCGCAAGCGGATCTGCATCCGG  
CTCCGGCGTCATCACGTTGGCATCATAGGCGGCGCGCTGCTGCCTGATGCCAG  
CAGCAAGTGCACGCCGGCTCGGTGACCGTCTGCCCGCACCTCACGCCCTGCC  
AGTCACCAGGTGACCTCAGTCGTGGCCGGCGCGTGTGATGTCGTAGCTGCC  
TCAAGTCGCTGATCTGCACCGTGAGCACCGCAGGAAGGACCGCTCCAGCGTCTGC  
GTCCAGCCATCCGGATGTGGTTGGTGGAGATCTGCTCGAGGTGGAACCTCGACCGGC  
CCATCGTGGTGGCCGGTCCCAGCGGATCTCGATGCGGGCGACACGATTTTGTG  
TGCCTGCCGAAGGTTGGGTTTCGCTGATGAGCATGGTCAGTATCCAGTAACGTC  
GGATGGGAGCGCGCACCCACGCCCTGCCGTAGTTGCCAGGGGGCGCTGGGATTG  
CCAAAGGTTCCGGTGTTCAGGTCCCTGGCGGTATCAATGGCGGCGATCGAGGCG  
GTTGCCGTTGATGTTGACCACGCCCTGCCACAGCACCTGCACCTGCCACTGCC  
GCCACCGCCAATGAGTCCGCCATGCCAGCATGATGTTGCCGTGGAGCCGGCCA  
GCGCGCGTAGGTTGCCCTGCCGGCAAGGTGAGCGAGGCCACCTGATTGGCATTG  
CCCTGCAGGAGCGCCGCACCTCATGTAAGCGTGGCGTCGAAGTCACCTGG  
TTGGTATCCGGATTGGTGTACCAAGATACTCGCGCGCGAAGTCGGCTCGTGC  
AAGACGTACGCCAACAGCTGCCCTGGTGTGAAGCCGGTAACGTGAAACTGCT  
TCCGCTCTGGGTGCGCTGGCGAGCACGGCGTTGCTCTCACCCAGGAACCGGAGGG  
CCGGATTGGTGCCGGTACGGTCAGGCTCCAGGTTTGAGCACGCCACTGCCGGTGG  
GTGTGATCGTCTGCTCGACGCCAGCGCAGATTCTCAGGTCTCAGAGATAACAA  
CACGATTGGGCCAGCCTCGAACGAGATTGCGTAGGCCATAAAACCTCCCGTAGAAC  
GCGTGCCACCAGCGCGGGCGTCAACGAAGCCGTAGGCGATACCCACTGATGGT  
TTGCCGTCGTCACTGAAGTACGGAAGCAAGCTATTGCCCTGCACCGCTGCGCGACG  
AACCAGTAGTAGAGCTGGTTCGCGCTGCCGTACCCATGTGCTGCGTAGCAGATCC  
GCTGCCGCTGGCGATTGCGATCGCACCCATGTGCTGCGTAGCAGATCCGAGTC  
GCTGATCGGTGATTGCAAGCAGAGCGACGCCAGTGTGCGCGTCGTTGATGATC  
ACGTTGGTCATGTCACTCCATACCCAGGGCAACGACACGGCGGCCGTTGGCG  
TAGGCGTAAAACCTCCCGACGAACCTCGTTACGCCACCGCCCCGTGCG  
GATGATCTCCACCGATCGCAGAGAACGATCTGCGATGAGCCCATTATTGAA  
AGAGCGCATGCCGATCACCTGCCAGTGCAGAGAACGATCTGCGATGAGCCC  
AATAGCTCGAACCCGTTTCATTGACAGACATCCGCGCTCGAGCGATTGCG  
CCGAAGCCTGGTCGACCACCGACGTGTCATGGTCCACATCGTCGAACCAG  
GCTCCAGCTGGCGCCGGAAATAGGTACTGCCAGGGCTGTTCTGCGATGAAGC  
GGCAGACAAGTCGAGTGGTACCAAGCCGGTGCCTGATGCTGATCTGAAACCT  
ACGCCGCCAGCTGCCGAGTCGCCAGAGACAGTGACGGGGACCCGATCAACCC  
GACCGCGCTATGCGCGAACCTCGATCCGCCGACACCAGAGGCCGCTGCTTCCA



GCTCTGCCAGGTGGTACCGGCCAGCTCCGCCCATGCACCTCGGACTGACGCC  
CTCGCCAGTGAGCCGCCGGATTGAGCATTGAGCTCTGGACGCCGGTGCAGGCACGC  
GGAGGGTTTCCACCTTGAGCGTGGTGTGAAATATGAGTATTGATACCGTCGG  
CAGCGCTGGCCAGCGTAGTCGACCGCGAAGCTGCCTTCTCATCGTGCCATGT  
TCACGATGCCGGACAGCGGCTGCTCATCGCCGCCAAACCACCGATAGGCCTCG  
CCGGCCCAACTCACCTGCCCATGCCGCCAGTGCATGCCCTGCAGCACCTCG  
TGCCTGCCTCGATCAGCAGTAGTCGTAGGTGTAGCCATTGGCTCGCAGTGG  
GCCATGAAGCCCTGCAACGACTCGATGTCATCTCGCTCTGCCATGCCT  
GCGATCAACAGGCCGTTCTCATCGAAGTAGCCGCCGCGTACTTGAGGATGTGCGC  
GCCGTTGTTGCTCGTTCTCGGTACCCATGCCGCCGTTGCCACACAGGAATCGG  
TGAAGCGATGTGCTCGCCCGGATCTCGTCCGGTGACCGTTGAGCTGACCGGTGGC  
CTTCATGGTGATGCCGGTGCACGCGATGCCGGCGTAAGTCGCCGTGCGCCTGCAC  
GCTGCTCAGCGTTGACCACTGAAATCGTTGCGCTGCTGGTTGTCGCCCTCGTAGTTG  
CCCTGGCCCAGGATGCGCACGCCACGTCGTACTGCCCTGGCCACGTCCGCCGAC  
AGCGTGGCGCGCTGCTCACGCCAGCTGCGCCACGAAGGTGCGGGTCGCCAA  
GGTGGACCAGATTCCGGTCCCCACCGCGCGGATTGACCTGCACGGTCTCGGAGA  
CGTTGTAGGCCTTCCCCAAGTGCGACGCCAACACGTATTCCAGATTGATCT  
GGATGCGCACGGTGTGCGCTGGTGTGCGTGTGACGAAGTCAGCGTGTCCGGC  
AGCTGCCGCCGTCATGGTGTCCACGTTGCTATAGAGCGGGATGGTCTGCTCCGGC  
ATCTGGCTGTAGCCGGAGTGGAAAGACGCTGACGCCCTCATAGCTGACAGCGGCGT  
ATTGCCGTTGGACAGCGCACCAACCGGCCACGCCGATGCCCTGGGTGAGCACCA  
TGCCGATGTACTGATCGTCCCGTACCATGAGTAGGCCTGCTGGCGACATCTG  
GTGCCAAGAGCGGGACACGACCGAATAGCAGCCCCAGCGGCCGACTGACGCCGG  
CGATTGCCGGCAGCCCCAGGGCTGTAGACCGTGGCGCCGTGCTGGCGCCGGCT  
TTCCACCTCGGGCGAGCACCTGTTGATCAGGATGGAGGCCGCTACGAACGCCG  
GCTGTAGGCCACCGCTGCCGGTCGCCCAAGGCCGAGCCACGTTGCACCCCG  
CGCCGCCAGTAAATAGATCAGCGCTGCCATGCCACGATATAACGCGCTCTCA  
CCGACCGCGCCGCGCACCTCGATGACCTGCCATGCCGGAAAACATGCCG  
CAGATGACGCCGACCGCCGCAATCGACACCGTCCAATCACCCCTGGTCCA  
GATCCAGCACGTGGCGATACAGGAAGTCGCACAGCGTTGCCGGCTGCAGATCC  
ATCGGGATGTGGCGCTGGCCTCCAGCGTCACGGGTGCCGCTCAGCACCGACTG  
ACCTCAATTGCCGGTGCCTGATCAGACCCATCGTAATAACCTCGATCCTGCG  
CCGTAGTCCGGCAACTCGCGCACGCCGAGCCAATGCTGCCAGCGCGCTGGT  
GGTGTGGAGCACCAACCCCTGTTGGCCAGATGGAAGAACACGCCGACGTGCCGG  
GCCGGCTCTGCCCTGCGAACATCAGCACCAAGTCGCCATTGACGGCGTGGTGG  
TGGGAACCGCGTAGGCCGACAACTCACCAATGCCGCGCTGCCAGCGGCCCG  
CGCGGCCGCGCGCGGCCATCTGCACATCGCGGCCAACAGCTCACGCTGAACCTG  
GCCACAAGGTGGCGCAGTCGTAGGTGTGGTGTAGGAAATGCCGACGAAGC  
GGTCAACGTCAGACGCCGCGCATCAGAAGATCCCCGAAAGCGTGTGCCGGTGGC  
GCAGCTTCACGGCTGCTGCCGATGAAGAAGTCCACGCCGATCTGCCGGTGTCA

GC GG GCG CGG CAC G CAC CT GCG T CAG AGG CAG AT AGA AGC GAC GCG CAAT GAC  
GT TGG CG CG GT GCG AT CC GT AT CAG GT AGC GGC AC AT CAC CAG CT CG TT CGG CT G  
GAC CG CT CC AG AT CCT CG GT GAC ACC CC GAC CT AC GT TG CC AC CT CC AG CT GCG C  
GC GT GG CG CT GG CC GG CT GG T CAG CT GG TG GT GA AT CG AA AC GGG CAG CG CT  
TG TAG AG ATT GCC GT TG CT GG CC AG CT CT CG GT CG TT GAC GAT GC GAA AGG ACC G  
CG GCA AC GAT GG CG CG GT CAT CT CA AC AG CT CC AG CG GG CC GT GG TG CT GG TC  
AC CG CT GG CG CG CT CT GG AAC CT GG AGG TA CT CG AT CT GC AC GT CG C  
ACT GG TA AG GG CG AT CC AC GC CT CC AC GG CG CG CAG CT CCC A AT GT CG CC GCG  
AT GA ATT GC CG CG GT GAT CT GC CG CC GG TT CG TG GG TG CG CC AT GG T GAA AC GT GCC A  
AC GAC CT TG AT CAC AT CG AAG T ACC AGT CC AGG AAC GCG CG GG GT CAT CC TT GT TG  
GAAA A AT CG AAG GAG AG CGG CAG AT TG ACC ACC GT CC CG GAG TT GAT CC GT CC TG  
CT TGG CG AGG CC AC GCT CC AT TT CG TG CG CT TG ACC GAG GG ACT GG CC GCT CG CG  
GAT GG CG TC AT AG AG CAC GCG AC AT AGG CG GG AAG GCT TG CC AT CAG CG TC CC CT C  
CT TC AG GG CG AAG CG GT TT TC AT GG CG CC AG CC AT CC GACC ACC GCG CAG CG AT AT C  
TG CT GC ACCA AC GT CC AC GAT GAG TT TG CG CAG CT CG CT GG CG TC GG GG CG CG AGT  
GCG CT CC CG CG CT GG CT GG CT GG CG GA AT AG TT GT GAT CT CC AC GCT CAT  
GCC CG CG GG ACC CG CA AC GG AG GG CATT G CAG TG CAG TG CAGG AA AG AA AT GCG CC AG GCG CG  
CAT ACC CG CG CC CG CT AC GG AT CG TG CT GAG CAGG AA AG AA AT GCG CC AG GCG CG  
CCA AT CG AT CG AT AT CG CG CT GG CT CAG CAC ACC CT CG CC TT GT G CAC G AC GCG  
GC AGG CT CAA ACT TG CC CG CC GG CC CG GT TAG CC G CC GG TG CCC AG CC CT G CAG C  
GGA AT CG CT CG CG CT GC AC GT TAC CG CG CT CC AG CC CC ACC GCG CA AC AC ACC GCG  
TG CAGG CT AGT GAT CC CT TG CG CAC CG TG AT GC CG CG AAG T CGG CA AT GAT CG AA  
TT GG CC AT GT CC GT GAA AG CT GAG CT CC CC TT CG TG CG TG CC TT G ACC ACC AT G CC CT  
CG A AC GAG GT CAG CG CC CAG TGG TG GG CT TG CC AC CG CG CC AG CG CG TT G CT G  
GCT TC CG CG AT A AT TG CC CC AT GC CG CC AG CG CG CC CT G CC CC AG T CGG CC CT G  
GCT CG GAC AT CG CG AC CG TAC CG CG CT CG CG GAT CAC CT G CAC G CG CG CT CG GT GG  
AG CG CG CACT G C CT G C T C CG G CAG CG CG GG T CT G C T CG T C GAT GG TT CC A AC CG  
CT T GAG CA AGG CC AG TT CG GT CAG CG CT CG CG CT G C T CG CG GT AC ACC CT G TT GAG  
GCG CT CG TG GAT TT CG AACT CG CG AT CG CC CG AG CC AC GCG CG CA ACC AT CG CG CC  
CAT CT CT CC CT G CAG CG CG TT TG CT GG C AT CG AGT G C G GT CT TG TAGG AC GTC AG  
CG CG T CT CG CG CT TG GT CAG CT TG CG CT CG T CAG CG GG CC AG CAC AT CC AG CT  
GG CG CG CC CT CG CG CG CAC CT GG CC AACT GCG CT CC AT CT GG CC AACT TG CT  
GCC AAT GT CG AT CG C AT CCT TG CG CG TG AC GT TG CG CC TT TG AGG T AG T CG AT CT G  
CT T CT G CAG CG ACT G C G C CT CG GT CG CG CT GG TG C G C G CT CG GT C AACT CG CG C AT GCG  
CT GG TAG T AC GT CT CG G CAG AC AG CT CG CG CG CT GG T ATT GCG C CT G CAG CAC CT  
GG T GCT GG TG CG AT CT GCG C CT GCT CG GT AG CC A AC GT AT CCT TG AT GG ACT G CAG  
GCC CG CC AG CG GG CC CG AG GC GG CG AT G C C CG CC CG C CT TT GAC G C CG CC G CT G  
CG GCG GT CG CG C AT GG CT TG CT CG CG CT G C T G CAG G AT CT TG CG TG CG GT GAT G C  
CG GCG CT GCG CC CG CAG CT GG CG C AT CT CT TG AT GCG C T CT CC A ACT GCG C CT G CT  
GG T CAGG T ACT G CAC G C C CT G C T CT GG A AT TT GG TG CG CG CT G C T CT G CT G

TCCACCTCGGAATAAATGCCGGCCATGATCACCTGACCGGCTTCTGTCGCTTCCT  
TTGCAGGTCCCGATCTGCTGGAACCTGGCGACCAGCTGTCGCGCTCCGCAG  
GATCCAGTTCTTGAAACACGCTGCCGCTGGTAGTCCTCGATGTTGGATTGCA  
GCTGCTTGTATCTGCTGGTGGCGTCTCCTGCCGCCACACCGAGCATGGTGTCCC  
ACGCCTCGGCAGGCCACACCCCTCACCGCGGCCACGCGCCTCCATGTAACCGAGGT  
TCTCCTGCACATCGGCCGCCGATCCTGAGCGTGTGGTAGAGCTGGAACGCCG  
AGGCAGCGCCTGGACCTGGTGGCGCTCGATCAGCGTCTTGATGTTGGCCAGCT  
GCGTCTGGTCCAGGAAGTGCATCGTCTCGTTGAGCTCGAGCAAGGCCAACCAGGG  
TCCGCCTTGATCTGGCGAACCTGGCGATGGTCTCTGCACCGCCTGCCGGTACCG  
GCACGCATCGTCTCGCGGCCGATCGCCACCGTCTCAGCTGCTCGCAGTGAACCTG  
CCGGTGGCCGCCACTGCGTGAGCGCAGCGCGCTGGAAAGTCGTGACGCCGGA  
GATGCCGTCATCTGCGCGGCCACTCGGCCAGTCGCTCGCGGTGCGACCAAGAGCT  
GTCGCCGCCAGGATCATGGCCTGGCGAAAGGCCGTGCCCTCATCGTTGCCCTGCTT  
CCACGCCAATGCGACCGCAGCGACCGAACGGCTGTGATCGACAGCGGGTTGACCA  
TGCCCAGCAGCGCCGTAGACACGCCGTCAAGCGCCGGACCAATGCCGCCAAGCTG  
TCTTGATCTGCCACCCCTGCTGCACCAGCACCGTGAACCACGCCATGCCGCCCTGG  
ATGCTGGTACGATGTCGGTGAACCTGCATCGGCAGCTGCCATCGCCTGGCGCGTC  
TGGCCGGAGGTGACCGCAGCTGGTGTACCGTGGCTGGCAGCGGCTCGCT  
GGCCTGCTGCGCACGTCGCCAGCTGGCGCAACACGCCATGCCCTGCTGAT  
GTCGTTGAGGTCCGCACTGATGCGGACCGCAGGTTGAGAAGGTTGCCATCTA  
CCGGGTAGGTCGTTGAGGTACTGGTAAAGGCCAGGCTCCAGGCCATGCCA  
TGCACGGCGTAGGCCGTGGCGCTCGTGCTGCTGCAAGCTGCCAGGGCTCATCGC  
GCACGGCGCTGCAGCGAACGCCCTGGCTGCCAGGGTGTAAAGTCAGGACGTCT  
CGTCGCTGGTGGCGAGCGATGAGGAACCTGGACGAGGTCGGCCATCCGGCGGT  
GCCTGCATGCCACCATCGCGGGATGCCCTGCCCTGCCATCAGGCTGGC  
AGGCCTGGCCAAAAAAATCTTCATTGAGCTCCACCACCGCCTTACCAAGGGCAGC  
GGCATCTGCCAGTGAGGCCACCGAGCAACCCATGCCCTGGCTTCCGGCACGATGGC  
GCCGCCCTTGCGAAGGCATCGCGCTGCTCCAGCACGTCCATCAGCAACGCCG  
CACTCGATCGTGGCACCGCATTAAACCAAGCTGGCGGAATCAGCACACGTCCGAT  
AATTGGCCGGTGGCTTGATGAAGGGCCGATCTGGGCCAGCGTCAGCGGTGTCA  
GCTCCAAGTCTGCCCGAAAGGTGATGGCCGTGGCGGGCTCAGTACGTG  
AGGTCTCCATCACTCTCCGATCCCAGGTGAAGTACTGCGACACACCGCCGGCT  
TGCTGGTGTCTTGCTGAGCGTGGCGGTGACCGTGGCCGGCCCGTACTGCTCGCCGA  
TCAACGCCAGTCGCCAATCACGCCGCCAGACCGGGTACGCATGTGCGCGCACC  
TTCTGCCGCTCGCGCTCGTTGAAGCCAAGGAACAGCAGCTCGTATTCTCGTT  
GGGTTACCAAGCGCCTGCAGACGCTGGCAGCGCCAGCTGTAGGTACCTGAT  
GTTGGCTGCGTCATCTCGGGTTTCGATGGACGATTCTGCCGGCACGTACAGCG  
GCCGTTCTGATGTCCCAGTCCTGCCCTGGTAGACACCGCAGCGCCAGTGACCGG  
CTTCACCGCAGTGATCTCGCGGCCAAGTTGTCCAGCGGGTACGCCGTCTTGTA  
GGCAACCACCAAGCTCATCGACCGCATTGCCAGCAACGATGGCCGTGGCGGTACCGC

GCAGCACGTCGGCGAAGTTGTCCCGCCTGAAGTCGTGCATGGTGAAGCTCACCTGC  
ACCTCGGTGACCGGGTCCACCGAATTGCGATTGCCACCACAGGCTGGGTGTTGTC  
AGCAGATTGATGCGGTTGGTCTCGGGCGCAAAGCTGAAGGCCAGCAGTTGCCAAC  
GCCCGGAAACGGCTGGCGCCGCGCTGCGCAGATGCAGCTGCCGCTACCCA  
GGTAGCTGTAATGGGGATTGATGGCATGGATGCTCCTGTGGGTGCCCGGG  
CGCGTCAGGTAATGGGGATATGCGATTGGTAGGTGAGCAGTCCCCGACCCAGCT  
CATGCCGCTTCGGCTTGACCGGCTCCATGGACACGTACTGCGGGACTGCATGCC  
CGGCGGGTAGCGAAACTGCTGGCCATGGCAGCTCGATGTCGGACACCAAGCG  
CATCCAGCTGCCCTGCGCGGTATCCAGCGGCCGGTACCTTGGCAACGATCACCA  
CCGTGGTCAGACGGTGCCTGCCTAC

>CONTIG\_14\_length\_13983\_cov\_182.809252

TTCGCCTCGGTGCTAGCGAAGGCCTGAATTCTAGCCTGTTTCGCCCTATGCAAC  
AAAATTCGTCCAAGGACTTCCATCAAGGTTCAAGGACTGCCATCCGCGTCGTC  
CGGACGCAGAGCCCTACCGAAAAACGCACCACAGATAACGCGACACTACCCGC  
TGTGAGCAGTGCATGCAACTGAACGTTCGCGACCCCTGAAGGCCTGGCAAG  
CGCAAGCAGACCGGGCGCGAGATCTTTGGCAGAGATGGAGCGGGTGGTCC  
GCATCACTTGCTCGGCTGATCACGCCGACTATGCCGGTGTGCGGGCGGCCAGG  
GGTTGTGGATCAGTCAGAAGGACTCGGCCATTGGCGGGAGCTTATTCA  
GCAGGCTTACAGCGAGCTCTGCAGCTTCGGAGCCTGTGCTCCTGCTCGACA  
GGAGTGGCGCGCGCTCGCTGGCTTCGGACTCGCGGACTCGGCTCGGCC  
TTGTAGACCATGTTGCCGTCGACCTGATCCAGCTGATATACCGCAGACGAGC  
ACACTGACGCCCTGTCGCTGGCGCTCACCTTTCATAGGTGAAGACGTCGG  
CACAGATGCCAGGCAGCGAAAGCCATCACGACCTTCTGAGATTAGGCAGGG  
GTATAAAAAACAGCCAAAAGTGAAGCTAACACCGTAATAAAGGATTT  
ATTCCCTGCCGAGCCTCGATTGGCGTGCACCTGGGTTACACCCCG  
AGAAAGCTGCCTCGCAGAGCGAGGCCGTGAAAGACTGCGTGT  
ACGCCGCTACAAGGCAGTCACCCGGATTATTCA  
GACCGACCTTGCCTAATGAAGGCGTCGCGCCCTCCTCCAGAATGCTG  
AACTCGTACTTCATCTTGCCTTAATGAAGGCGTCGCGCCCTCCTCCAGAATGCTG  
GCCACCTGATCCCGCTTCCGGCCTCAGCTCGACGAGCTGGCC  
TGGCTGTCCGACCTGGACGCCCTCAAAGACTCGCTCGCAGCAGGGCG  
CAAGGTGCTGGAATACGTGAACGAGGCTTCGGCAATCTGGCC  
AGCTTGCCAGTTAACGTCAGGTGGTCAACGGAGTGACAC  
CCGTGTAACACCCCTGACCTCGTCAAGGATGAGGGATGGAGAC  
ACGCGGACCCGGTCGGTGCTATTAGTCGCTGGCTGAACCG  
ATTACGAGGAGAACTGATGATGTGCATGTC  
GCTGCTCGGAAGTTGCGTCTCGCTGCCAGGCC  
AGGCGAGTGGAAAAAC  
CCGGACAGCTTGGCACGTACATCTGCC  
GGTGGGTGTATC

CGCTAGTCGGCTGGTTGCCAACCCGGTTGCCGGGTCGACGGCATTGAGCAAACCTGC  
CCGCCATCACTTTCGGTGCAGTGGGTAATTACGGCAGCATGACTGCCTGGACCG  
GCACCTGTGATCGTCTGGCGCGTACCGGCCATCACACAGTCTGGCACTGGTGC  
GGACCGGTTCCCAGTATTGTGGGACCACATGCTCACCAACAGCGATGTTCGTCC  
CCAAATGACAGAGAGCTGCGCAACAAAACGCCAGCGCAGAGGCTGGCGGTTG  
GTGACAGCTCGAGTATTGTGAGACCAAGGTATAGCCGGTCCCCCTGCTCTCA  
ACCAAAGGAAATGCTCAATGTTGCGATTGAACGGATTACCGTGTGTTACGGACGC  
TGGCGGCAATCGCGCTTGCTGACAACGGCATCGCGTCGGCCGCTCGGCCGAC  
CTGCTCGCGCTGCGCTGCCGTCCACCACAATCAGCAGCGCTACCGACGTGCCGCC  
GGTGCCTTCACCGCGCCGGACGGTACCGTGTGCGACTGCCGGCGTCTGTCGC  
GTCGTCGGTGTGCGCGCCGGCAGCGATTGAAATCGGGTCGAGGTGTGGATC  
CCGTCCGCAGGCTGGAACCAGAAACTACCTGCAGGTCGGTACGGTCGTCTCGGCC  
AACATTCAATAACAGGTGCTGGTTGCCCTGCGCCGGCTATGCGACCGAAC  
ACCGATGGCGGCCACCGGCGTCGATCGCGATGCGAGCTTGCAGCGGCCACCC  
GCAGAAGATCCTGACTGGGCTATCAGGCGCTGCCACGACGATCTCCAACGGCA  
AGGCGCTGGTCTCCGCCTACACGCACCGCGCGCCACTATTCTACTTTGGCG  
CCTCCAATGGTGGCGCGATGCGCTGATGCGAGCGCTTCCGGTCCACAACGCGTTTCTGGC  
ACGGCATCATGCCGATGCGCCTCCAGCGCTGGTCCACAACGCGTTTCTGGC  
TGTGGTGCAGGACGCCAGTCGGCAGTCCGGCGGCGACTATCTGGCGGCAAG  
CTGCCGGCCATCCAGGCCGCGCTGCCAATGCGATGCAAAGGACCACACGGC  
CGACGGCGTGGTCAACGACCCGCCGGTGCCTCGATCCCCGCGTGTGTTG  
CAGCGGTGCCGAGAGCGACGCGTGTCTCACTGCCCGCAACTGCAAACGCTCGCC  
CCATCCTGCCGGCCGGTCAACCGCGACCGCGAGCGCATCTACTACGGTTTC  
AGCCGTTCGCAGTCGCCACGCCGGGACATGGAACCAGTGGATACCGCAACGCC  
GCCGTTCCCGGGGGGGCATGCGGTGCTGCCAACCAAGTTCTCGCCAACATGGTG  
TTCGATAACGGCAGCGCCGGTTCGACCATACGCAAGTGAACCTCGATAACGATGTC  
GCCCGCGCCGAACGCAAGCCGGTCGCCGGCCAGCGCTGGCCAGCGTCATCGACGC  
CACCTCCGTAGATCTGAGCGGATTCGCGCGCAACGGCAAGATGATCCTGTATAT  
CGGCTGGGAAGATCCGGTGGTTCCGCCCGAGGCGCGATCACCTATTACGAATCGG  
TCGTGGCCAGGCAATGGCTGGACAACCCGAGATCAGCAGGGCCGAGGATGCGTT  
GCGCAGACCCAGCAGTTCTCCGCCTGTTATGCGCCGGCATGGCCACTTCACC  
GGCGGACCCGGCACGTGGCCTCGCGCGCTGTATGGCCGCCGATTGGCCATC  
GATCGCCAGCACGACGTGTTGGCGCGATGGAGGCGTGGTCGAGCAAGGCATCGC  
CCCGGAACGCATCGCGGGAAAATGCCAATGACGACCCGCCAAGGGGGTGG  
TCCGCACCCGGCCGCTGCCACTATCGCAATCGCGGTGTGGATCGGCCAGGGCA  
GCGCCGAAGATGCGCAGAACTTATCTGTTGAGCAGTCCCGCGGTGCCTACCTCG  
ACGCGGCACCTGCGCGCGCCGCTGCCAAGCTCGCGCAAAAGCCGATAAGTCGGG  
CGTTCTGCGCCGCGCTGGGTATCCAGCTTAGGGCTGTCCAGGCCAGGACGCCA  
TGACCTGCCCGCCGGTTGACGCCAGATCGCTCAAGGTGCCTCTCCAGGCCGAC  
CAACGTCTTACGAGACAGGCAGCTCAGGTGCGCCAAGTGCCTGGACAGGCCA

GCTCAGCGCGCCGGTCCGCACGGCATGGCGATATCGATGAGATTGATGGCAGAT  
GGCAAGCAAATAAAATGTCTGATTTTGAAATACCACCCCTGCGTGCCTAACCT  
ACAAGAAGCGGATCCGTCGGCCCCGATCTACCCCCCCCACGCTGCCATAACTCTCAT  
CTGCCGAAATGTCAGGCAATTAGCGCTAATATCGTGGCAGAGCGTAACGGGGCGTA  
ATGCATGTTACGGGGGGGGCACCACAGGGGATTCCATGGACGAGACACAACCGCA  
AGCTTCGGCCGTCGCTGCCGAACCTGAAGATCGACGTAACCCCTGATGCCAAATTGA  
ACTTGGCGGACTTCAGAATGCAGTCCACTGGTCCGGACCTCTGGCTGATCAACG  
AAACCGATCAGGTACATGAGCAGGTCGAGTTAGTCCTGACGTCCGACCCGCCTTTC  
TTAAGCCCGCCGTTGGCGGATTGATGCCCTGGCAGCAGGCTCCGCTATCCGATCC  
GCGATCTGGATGTGAACCTGGATGGACTGCTGGCTGGCTGACCGAAGCCGAG  
ACGGCCACGGTTCTCTGGCATTGCGTCCGTGGCCGCGGATGCCCTCAAACACAGCT  
CTCGCCCAGCGCGATAACCCATCTTGAGCTGCTGCCACGCAATCAATGGGGCGGCATC  
TCGCATCTGCCCGACCTGGTCGCCGCGTTCGTCAGCCCAAACGATCCGGCGTGGAT  
CGGCTACTCAAGCGCACCGCCGAGGTACTGCGTCAGAACAAATCGCAACCCGCACT  
GGATGGCTACACCGGGCGGCCAAGCGCGCCTGGAACTTGCCTCGGCCCTCTGGG  
GGGCCACGGCTGGCATGCAACTGGACTATGCCCTGCCCGCCAGCTCGAGCAAT  
CGGGCCAGAAGGTGCGCAGCCCCAGCCAGATCGAAAGCTGGCTGGAACGTGT  
TTCGACCTCACGTTGCTGTTCTGCGCCGACTCGAGCAGGCAGGCTGAACCCCTG  
CTGGTCTTCACCGAGGGCCATGCCCTTGAGCGTCTGGCTGCAATCGGAGGAGTT  
TCAAATACGGTCGTCGACGACGTGACCGCATTGCGCAAGCGCCTCAGGCTCAAGGA  
ACTGGTGGCTGTCGAGACCACTCTGATCACCCAGCGCCCCACCGTTCCCTCAGCTA  
TGCCACCGACC CGGGTGCC CAGCAGGTTGACGAATCTCAGGATGCGGGATTCCGCC  
TGGCGTGGACATCCGCCGGCGCGTGCAGCGCATCAAGCCATTGCCAGTGCA  
GAAGCGGCAGTTGCTGCCGTGTCAGACAGTGAAGCGACGCTGCTTCACCCGCCGT  
ATCAGTGTGAAAGACGCGCCTGACCTTCCCAGACAGTGAAGCGACGCTGCTTCACCC  
ACGCCAGCCAACCTGATCCAAGGACCGGTTGCTCGCTGGCAACGCAAGCTGCTG  
GATCTGTCGCTTCGCAACAACCTGCTCAACTTCAAGGCCGGCAAGAAGGCACTCAA  
ACTGGAAGCACCGGACCCAGCACGCTGGAAGACCTGCTGCCAGCGGCCAGTCCC  
TGAAGCTGCGCCCGCGCCGGACCTGATGGACGGCGCTGATCCACGCGATCAGGCC  
ATCTACGAAGCCGTGAACGTGAGAACCGTGCACGCCGCGCACGCGCTGGAAGCCCT  
GCAGAAACCGAGGTTTGTGCTGCCGTCCGAAACCGAGCTGACTCACGCTGGT  
CGATTGTTGCGACGCGCTCGCACGACCTGCAAGGAAGGCGGCCAACACGCTTTA  
TCTCGCGCTGGCTCTGGACCGCTGCAAGGAGCTGACGGTCAAGGCTGCTACCG  
CGCCCCCTGGCTCTGGCGCGTCAAGCGCAAGAGTGCTCGCTCGCTGGCT  
CACGCTCAGCCTGCATGACGATGAGCCTCGCTCAATCCGACCTGATCGAGATGTT  
GCGTCAGGACTTCGAACCTGGCGCGTCAAGGCGAACCTGCCAGAGAGACG  
ATGCCGGCTGGACGTCACTGCGGTCTGGAAGGCTGTCGGCCACGCGATCAAGGAC  
ATCAAGGGCTGGAAAGTGACCGAGGACGTGGTGTCCATGTTCTCGCTGCCAAG  
TACCTGATGTGAAAGATCTGGCCGAGCACAGCGAGCAGTGCACGAGAAGCCGGT  
CGTGCGCCACCTGCTGGACACCCCGCGATGCCATCCTCCGGTGCTCCGTTCCC

GCAAGTGCACGAACTGGACCAGCAGTCACCCAAAGCAGGTGTTCTGCCCTGCC  
GGCGGATTCCTCGCAGTTGTCGGCCGTGCTGGCCCGCTCGCAGGGCAAGGACTTCGT  
GCTGATCGGTCCCCCTGGGACCGGCAAGAGCCAGACCATGCCAACCTGATCGCCC  
AATCCCTGGCACAGGGCCGGCGCGTGCTCTCGTGTCCGAGAAGATTGCGGCGCTG  
GACGTCGTCTACCGCGCCTGCGCGAAATTGGCCTGGCGAGTTCTGCCTGGAACTG  
CACTCGAGCAAGGCCCAGAAGCTGACGTGCTGGCGCAGTTGCACTGGCTTGGTC  
CAGCAGCGGCCAGACCGATGCCAGAATGGCGGGCGAAGCCGAGAAGCTCAA  
CGTCTGCGCGATGCGCTGAACATCTATGGAACGCCCTCACCAGCGTCCCGCAAC  
GCCCTGAGCCTGTTGATGCTATCGGACCGTCAGCGCGGGACACGACATCCCGAC  
ACTCCCCCTGGCCTGGCTCTGGCCGATCAGCACGATCATGCCGGCATCGACCAGTT  
GCGCAGTGCCGTGGACCGCTTGGAAAGTCAATGCACAAGCCATTGGCCATGCCCGC  
TGGCGCAGCACCCCTGGCGCTGGCCATAGAGACTGGTCGCCCCACCTGGCAA  
CAGCAACTGATGCCCGCTGCGCGTACGTGCTTCCCGCCAGGCGACAATCGA  
GTCAGCCCACGCGTTGTCAGGCCATTGGCCTGCCCTGCCCTGTTGACGCCCGA  
AACCTGCGAAGCGCTACTGCTCCTGCCAACGTCTCACTTGGCAGCGGGACACGA  
TTGGCGCTTGTCCCTGCGGCCCGACGCACGCAGCCTGAGCCAACGCCCTGCAGGAAG  
GTGCGGCACGGGTGCGCCGCATCGGAACTGAACACGCTGCTGTCCACGCCGTGG  
CCCGCTCCGTATAACCGCCTGCGCCAGGGCTGCCCTGCTCACCGAGCACCGG  
CAGACTCACGAGAACTCGCGAGCCCTGGCGGTACGCATCACCGTGCAGCTCAA  
CCAGGCCTAGGCCTGCTGGCCAGCTCAGCGAGCATCATGCCCTGTCGGTTCC  
CTACGGCAAGACGATGAAACAGCTCGACGTGCCCCAGTTGCAAGCAAATGTGGAAAC  
AGGCCGAGCAGACGTTCTGGCCAAGTCGTGGCTGGCAAACGCAAGGTACAACACT  
CAACTGTCCAGCGCCACCACAGGCGGCTCGCAGCCTGACGTGCCAACGATCTGCA  
GCATTGGAATGCCATCCGCGCCTGCGCCAACGGATCCAGGCAATCGATCCAGGCC  
AGCAGTGTGCCAGCTGGGAGGACTTGACACACAAACAGGACAAGGTGAGCACG  
GCCCTGCGCTGGCAAATGCCCTGGCTGCCGTACTCGAAGGCCAGGCCCTGCAAGGCCGATC  
TGCAACGGGCACGACGACTGCCAGCTCGACCAGGACATTGCTGCACATGCATCG  
CTGGAAACGGGCACCGACGGCTATGGCAGGCCATCGACGCAATTCAACTGCC  
GCGTGCCGCACTCGACTTCTAGCAGCTGGCGCAGCCATGCCAGCAAGGTGCATT  
GGATGCCACACCTGGTTGAGGAAGGGCCTGGGCCACGCTGGCACCGCAGC  
ACCAGACGCTGCCAGCGGGCCGATATGGAACAGGCCTGGCTGCCCTGGACGAC  
TTGCGCGAGTCCACCGCAGGCTGTGGAAAGGTCTCGCAGCAACCTGGATGACCTC  
GAACAGGCCAGCTGCCAGCTCCAGGAGAGGATCTGGCAGCCGTGCTGCCGCC  
TACGCCGAACATATCTCTGCCCTGCAAGGCACCGCTGCATACGTTATTGGCGATGC  
CAATGCACTGCTGGAGCCAGGTGGCTGAATCGCCTGGCCGGCGCCGATACGTGG  
AAAAATGGGAACAGCTGCTACCCGGCGAGGGACTCGCAGCCACCGGACATT  
GCCGAGGCCGCCAGACGCAGTGGCAGTCCATGTCACTCGACGGCTGATCGAGCA  
AAGCCAGTCCATCGTGCAGCCGAACACGGACTCGCAGCTGGTGCAGTGGCC  
AGGCAGCGACGAGGCCTGGCACTGGGGCTGCCAGCCTGGTCCAGGGCATCAAG

CAAGGCCAGGTGGCCCGGACCAGGCACGCCAACCTTCGAGGCCAACTACGCGCG  
CTGGTGGCTAACGCCGTGGTCGATCACGAGCCGGCATCCGCGGCTTCGTCAGCGC  
CGAGCACGAACAGCGATCCGCGATTCCGCGAGCTCGACGAGCGCTTCACCGCCC  
TGACCCGGACTGGCTGCGGCCCGCCTGTGCGCCGACCTGCCCTCGCAGGACAAC  
GTCAGCCGCAACTCCGAATGGGGCTGCTACGGCACGAGATGGCAAGAACGCTGC  
GCACCTGCCCTGCGCGAACTGATGGCCCAGATTCCGAGGCGCTGACCAAGCTCAC  
GCCCTGCCCTGCTAATGAGTCCCCTGTCATCGCACAGTACCTCCAGGCCGGGCAA  
CGCCTCGACCTGGTATCTCGACGAAGCCTCGCAGATCCCAGTCTGGATGCGAT  
CGGCGCCATGCCCGGCCACCAGTCGTCATGGTCGGCGATCCAAGCAGTTGC  
CGCCGACTTCCTCTTCGACCGCGCCGAATCCGGCTGGACGACGAAGACGTCGAG  
GCCGACCTGGAGAGCATCCTCGACGAGTCGATCGTCATGGTCTAACCTGCCACCGAA  
TTTGAACCTGGCACTACCGCTCCCGTCATGAAAGCCTGATCGCGTCTCCAACCATGC  
CTACTACGACGGCGACTGGTCACCTTCCCTCCCCGTACCAACGATCGCGCGT  
CAGCCTGCAGCCAGTCTCCGGCACTTACCAAGAAAGCGGGTACACGGACCAACCCGG  
CCGAAGCGAAGGCGCTGGCGACGTGGTGGCGCGCTGACGGCGCCTGGCTTC  
CGCGAAAGCGGGCTCACGATTGGGTGGTCACCTTAATGCCAACAGCAGAACAGCT  
GATCGAGGACCTGCTCGACGAGGCACGCCGCCAGGATCCAAGGCTGGAGGCCATT  
TCGCCGAGAGCGAACTGGAACCGCTGTCGTCAGAACCTGGAAAGCGTACAGGGC  
GACGAACCGATCTCATCTATTCTCCATCACTACGGTCCGGATCCCGCAGGCCAA  
CTGGCCATGAACCTCGGTCGCTCAACCGTAAGGTGGCGAGCGCCGGCTAACGT  
GGCCATTACACCGCACGTACGAACCTGGTGTATTGCCAGCTCCACGCCAGGAGCA  
GATGGATTGGCGCAACGCAAGCAATCGCGTGCACCTCAAGCAGTCCCTGG  
AATTGCCGAACCGGGTGGCGCTGGCAGAACGCCACTGCCAGCAGCGCTGGGT  
GGCTCGACAGTCCCTTGAACAGGCCGTGGCCGCAGCCCTGGCCCGCGCGCG  
GCACGTCCAGCCGCAGATCGCGCCTCCCTCCCGCATCGACCTCGGCATCGTCGA  
TCCCGACCGCCTGGACGCTACCTGGCAGGTGTGGAATCGATGGCGCCACCTACC  
ATCGCAGCGCCACCGCACCGACCGACAAACTCGCGAGCAAGTCCTCGCGGCC  
CTGGGATGGACATTGTCGCTCTGGTCCACCGACTGGTGGATCGATCCGGCCGGC  
ACGCTCGACAGACTGGATGCCGCTTGCAAGCCGTACTCATAGCCCAGCGCGAGCA  
GCGGCCGAACAGGCCAGCGCGATGCCAGGCCAGAGCGCTGGCGAACGCC  
ATCGCGCAGGCCATAGCATCGGTGACGAAGCCAGACGGGAAATGGGCCCG  
TCAGGACCGGACCGATCGCACCGAACGCTCGGACAGCTCCATCACAGCAAG  
TCGAGGAAGTCTTGCTGCCAGGTCTCCGAGAACAGCAGCCATGCCAATGCCGAA  
GAAACAAACGCCACCGAACGCCATCGCTCTATCGGATCACCGATCCGCCAGCTGT  
GACCGCGCCAATCCGATCGCTTTGACGGTGAGTACAACGACATCCTGTTGAC  
CATGATGCCACGTCGATCACGAAGGGCCGTGCTCGACGCCCTGCTGGCCCG  
CCGCATGCCCGTCCCACGGCTGGCTCGTACAGGCCAGCGCATCCGAGAGCGCG  
TTTCCAAATCGCGCTCCCGCTATGGACGACCGATGAAGAACGTCGGCACGTTCT  
ACTGGCCGAGCATCTGGATCCTGCGACAGAGCCTCCCTTCGCGAGGCCGCCAG  
AGGACAGCGTGGGGCCGCTGATGAGATCAGTATCGCGGAATTGGCCTCCCTGGCT

CGCGCCGTCATCGCACAGGGCACCCAAGGCGAAGGGATCTATCAAGCAATGGCGCG  
CAGGCTCAGGCTCCAACAGCTACGAGCAGCCAGCCGGCACGTCTGAAAATGTTG  
TGCCTCTCGCGTCAGAGCCATGACCTGAAGAGTTGCCGACAGAACATGGAGG  
GAGCTATGCCAAAAACCAGGCAACTCGGACAAAAAAATGCGGCTATCACACGACG  
CTTCACTACGCCTGCTCGTCCCAGATAGGACAGTCGAGCAAGCGATCAGAGATA  
GAGCGCTGTGGCAGAGGTTGAGTGTATTCTGGCGCTTGTATAGCACAAGCTCC  
TGGAACTCCCCCACTTGGCTCAGGGCGTGAACCAGTCACCAAACAGGGAGACC  
TGAAACTCGAGAACAAAGAGCTGTGCAGCAGTCCTATTCTCGATATTGCCAGATG  
ACAAGAGATTGCGAAGCTCGCACCTTGCGCTACGTTCCGAGCGGTACCATGCC  
TCGATACCGATGCATTGTCGAAACTTCGGCCTGAAGGTCACGCTCAACTCTGTTG  
CGCGGGCGCACTAAAGAATCTTGATATGCCACGCTCGACAGTACGACCATTCA  
AACGCATTCAAGCAAGTAGAAAAGCCGATCTACAGGGTTTCCAATTGATCTCCA  
GAACGATCTGTCGCTCGCCGGTGGAGTTCCCACCGACACGTCATTGCAAATGC  
GCTTGCAGGAAGAGACGCACTCACCTAACCAAGCAAGCTCTCAGCAACTGAAATT  
CTGAAAATGCAAAACGGCGCTTAGGCTATTGACGCCAACGATTACAAGAAAGAC  
TATTCCATTATTGATCAGATAATTCCGCTGGACAAGAAAACACTTGAGATCTC  
GATGATATTGTCCTTAAAGAAATAAAACCTTACTTGATGGAAAACCGTCAGACTTA  
CACATAACTCTGCCGGAGATCATTGATCCGAAGAGTCGAGTGACTCGGATATT  
GGCATAGGCTTCAACTCTGGATCGAAGAAATCTACGGCGAGCTGCCATCGAGGA  
CTATATTCTGAATTACAGGCTGGACGCCACAAGAAATTCTGACATAACAGAAATT  
AAAGGCTAGCCATGAGATCCGAGTTGAATTGACGGTCACGGAGATGCCAGAGGC  
GGCGACGAGTCTATGATTGTTGTACGAAGTGATCTACAAGAAGAAAACCTACG  
TGCTTTCTCTGGAGAGTGGTATTGCATCGAAAGCAAGTTTCGACGCAGTGGAAA  
AAGACTATCAGGGCTACTGGGGTTTCATTCCACTAAAAACGAAAGCCAAAAT  
GAGCAAGAGCTAATCTCAGAGCTCGACAAGAATAGCAACCTGCTAAATCTAGATAA  
AGTGAAGCCTCGCGTCAGGGCAAAGGGGCCAATCTTGAGCCTGTGATTCTT  
ATCTCGCCAAAGGAGTTATTCACCTAAAAGACGCCACGGCTCCGCCCAATTAG  
CCATCTATGGAATCAAGGGCTCGTCTCGCAGAAAGCTTATTGATGACGTTT  
TCGAAAATCCATGCGAGACTCGCAATCAAGCGACAAAAGGCTGAAAAAGTCAA  
AATTGAGCTATTGCTACCGATGCCGTTCAAAAGTAACCTCACGGACTACAAGG  
TGGTTTGGCATAATGCGACATCCGTACCAGCGGAGCAAACGACTCGGCCCTCCG  
TTTTAGCAAAGTGAGTCTCGTCCGTCGAAGCCGGATCCAACATAATGGCTATG  
CCGTGGAAGTACACCTTATTGAAAAGACATAATAGGCATGTAAGAAACCATGGAGG  
TTACGCTGGAACCTACTGGAGATGGCTCCAGCACGATCGACCCACTCGATCATCAC  
AGATCGCGTAAGTCCCGTAAGTAAAGGGATTATCTCGCAGGGAAATTAGCTCAATT  
GGTAATCCCCCGCTTTAGCGGACTCCAGAAGTGGAGTTATGCAGCCATTGCCAGT  
TTCATCGCTGGCGTGTGCCGCCTAGCGCCATGTTGGCTCATGGTTGTAAGTCCA  
TAGCCAGCGCGTGGCTTGTCCGTGCACCTGCTCGATGGTGTGAAACAGGGTGC  
CAGCCAGGCGTAGCGGACCGTGCAGGGTTGTAACGTTCAACGTAGGCCTGTTG  
CTGCCGGCTGGATGTGCTCGATGCCGATGCCGTTGCCGCCACGCCAGCAG

TGCTGCGCTGATGTATTGGGCCGTTATCGCAGCGAATGACGCGCGGCTGCCGCG  
CCACTCGATGACCTGCTCCAACGATCGGATCACCCGGCAGATGGCTACTACCACGT  
GTCTGACAAATACGTGGCGCTGTTCAAGCCACTTCATTCCCTGTGGCGTGCACGAGGG  
CATCTACATCCTCGACGCCCTGTTGCCAACACTCCGACATCCAGCCTGAGATCGT  
CCATGGGACACGCAGGCCAAAGCTATCCGGTCTCGGCTGGCCCACATGCTGG  
GTATCCAGCTGATGCCAGGATCCGAAACATCAAGGATCTGACGTTCTCCGACCCG  
AACCGGGCAGGGCCTATAAGAACATCCAGGCCTATTGGGGACAACATCGACTGG  
CAGCTGATGCCACCCATCTTCACGACATGCTGCGTGTGGTATCTCCATCCGACTG  
GGCAAGATCACCGCGTCTCGATCCTGCCCGGCTGGCACCTACAGCCGGAAGAA  
CAAGCTGTACTTGCTTTGGAGCTGGCAAGGCTTTAGAACACTGTTCTGCT  
GCGCTACATTGATGACAACAAGATTGCAAAACGATTCATGCCCGACCAACAAGA  
GCGAGGAGTATAACGGCTCGTCAAATGGGTCTTGGCAGCCAAGGGATCATTG  
CTGAGAACGTCCAACACGAGCAGCGCAAGATCATCAAGTACAGCCAGCTGGTGGCC  
AACATGATCATCCTCCACAACGTGGAGGGTATGAGCCGGACGTTGGCTGAGATGCG  
GAAGGAGGGGGTCGAACGTGACGCCAGATCCTGGCCGGTCTGCGCCTATCGGA  
CCAGTCACATCAATCGCTTGGCGATTACCACCTAGATCTGAAAGGGAAAGTGGCGC  
CCTTGAGCTACACGCCAAGGTCTCGAACAGGCCCATAGATGGGGAGATTACCC  
ACGCGATGAGAAAATAGCCTATACGTAGCCGCTTAGGCTAGTTCTGGCCCTGTAC  
GTAATGATTCCCTGCCGACCCCATCTACGCAATTGCGTGGTCACGACATCAGCGT  
CAAGAACGAGGCCAACGGTTGACTGGGACGAATGCGATGGCGGGTGGAAATGAT  
GGACGGAATTCTGGGGTCCGGCTTACAC

>CONTIG\_15\_length\_13718\_cov\_238.534913

CCTGGCCAAGAACACCGCACACATGCTGACCTGTTGCGCTCTCCAATCTGTGGAT  
GAAGCGAAAGCAGTTACTGCCACTATGGGAGCGTGCCTGTAACCCGGGAAT  
TCCAAGGAAAGTACAGAAATGGCGGAAGATCCGAAGATCCAACCGCGACTCTCC  
GGACCGACGCGACATCCCGACTCTCAGGCCTCGTTATTAGACACCTCCCTAAAGGG  
CCATGGCCTCGTGGATGTGGACCAGCATGAGCGCGTGACCATCCGACCAATCAT  
TGTGCACTGGCCAATCCGAGAACCTGACGCAGTTGATTACGCCCTACGCGCAGT  
CGCCGACGGACAGGCTGAATCCGCTGCTCTGTAAGTGGAGATAGATCCATGAGCAC  
GCTAGCCCGCCGCTCGGAAGCTTGGTCTACGCACCTAGACATCTACGACTG  
GGGCGCCTCGCGGCCGTCACAGCGTACCCATAGACGTAGCCGGACCGCCATCA  
TCGGCCCCACGGCAGTGGCAAGACAAACCTTGGCGATGCGCTGATGACCCCTCTG  
GTCGCCGTTCCCGCGCTACAACCTAGCCTAACCGGGGGCATGACAGCGATCGAGA  
CTTAGTGTCTTATGTGCGTGGTCTCGGGCGCCGGCATCGCGGGTACGACACCACGA  
TCACATTAGCCGCCCCGGCTCCGTTGGTACGGAGGGTATTTGGTTGACGGCAGTAGCTCGCGA  
GGATGCAGTGGTACGCATCGGAGGGTATTTGGTTGACGGCAGTAGCTCGCGA  
CGACCGACCTCAAGCGCCGTTGGATCTCTGCTGGGTGATTCCACCTCGCTTGATG  
ACTGGCTCGAAGCGCACCAGAGAAAATGGCGCGCGCCCTGAAAGAACTGGAGCGC  
GTCCACGCTGGTTCAAACCTACGAGAGCAAACAAACATTGGCACGATTGCGT  
AACCATTGAAAGTCACCGAAAACGCCCTCGCCCTGCTCAACCGTGCAGCGGGCTG

AAGCAGATCGACAGCATCGACAAGGTGTTCCGGGAACCTGTACTCGATGATCGTTCC  
GCGTTGAGACCGCTAACGTCGATGAATTGCGACCCCTGCCGGCATACGA  
CAGGAGCTGGAGACGGCTGACGCCAACCGAAAGCCTCGTCCCACGACAAGAG  
TTGGGGTCAGCACGTCGACATTCAAGCTCGACGAGCGAAAGCGCCTGATCA  
GCTTGCTCCCCATCTGGTTGCCAACCGCGATGGGGCTATGGCATGTCCAGCGTG  
AGCGCGGGAGGCAGAGCTGCTAAACGCCAGAGTGAAAGTGACGAACCTAAAGG  
GCAGCTCTCGGCAGCAGAGGCAGCAGAAGAGGCGTGTACGCCACCTACCTGCTGG  
AAGGTGGACAGGATATTGAGAACCTATCCAAGCACATCGACCTCAGCGCACTACTC  
GCGATCAACGGCGACGCGATGCGAACGCTTACCAAATAATGGCACGTGCTCTGGC  
TTACCGTCTGCTCTGACCGCCGCTGACGTCGCAAGCAAATCGGCCAGCGTTGGCCCG  
CGACGCGCGGAAGAACAAACAGCGCCACCAAGAACAAAAGCGCGCCGCTGGGATA  
TGGGAGCCAACACCGCAGCCAGTGGCCATCGCGAGCGCGTCGGCCAAGAGCTT  
GCAGCCGCTAAACGCCGCTCCAAAGTCCAATATCCCCGATGCGCAATCTACCTTCGC  
GATAGGCTGGCTCAGCATCTGCGATTGGACGCAGAGGCGTTGCCATTGTCGCCGAA  
TTGATCGAGGTCCAATCACCCAACACGCTTGGCGTGGGCCATTGAACGGGCTATC  
GGTAGCGAACGCTTGCCTGCATTCTCATCGCACCTGAGAATTGGACGAGGCGCTGAA  
GTGGGTCAATGGACGCGATACCGGATTGCATGTGCGCCTCGCAAGGCCAGCATCC  
CTGACGGGCAGGCTCGGTCTCGATGACGGCTCACCGCAAGCTGAACCTCAAGC  
CGCACGCGACCCTGAAGCACTCAAACATCTTGGCGATATGACCGACACTGC  
GTGCCTGATGTTGATACGCTCAATCGACCCCTCATGCAATGACCGCCAGGGACTG  
ATGTCGGGTCGCCGGCTTTGATAAACATGACCAAAGGCCGTTGCATGCCGAT  
TGGATGACGGGATTGACAACCGCGATCTCGTCTCAGTTGACGCGTATTAGCA  
GCGGCCATTGATCTCATCAAGCAAGCCAAGAACGCAACTCAAGCTGCCAGCTT  
GGCAGAGGCCACCGAGCGTCTGGGCTTAAGAGCCTGGAAGAGACGTCGT  
TCGAGACCATCAATGTAGTCAGCGCAGAAAACGCACTGGTCAGTTAGAAACCCAG  
TTTGCTACGCTGACCAACCCAGAACATCCGACGCTCAAGTGGCTGCGAAGCGCTGGCG  
CGCTGCCAACAGAGGCCACGCGCAGCTGCGCCAGGCACAGACGAACCTGGAAGTGG  
CAATCTGAAAGTCCAAGACACCATCGATCGGCCACACAGAGCACTCCAGAAAAAT  
CGGTTGCGCATTGGTGAGGGTTGATGGACGACGGAGCTGGTCGATCAAAA  
CATTGACCTGCCCTTTCACTGATCCCGCCTTGGCCATGTCGAACGCACAGC  
ACGCGAACGCATTGAAAGCGAACGGACTCTTGCAATCGCCTAGAGGCATTG  
AACACAATTGATTGGACATGGCAAGGCAAAGTGGTCGACACTGGTGCCTC  
ACCGAACGGCGACTGAATTACACGATGTGCCAACCTATCGCGAGCGCCTCGGAT  
CCTTGATGAGGAAGCCCTCCTGAAAAGATCCATCGTTCCAGCAATATCTAACCA  
GTCCTCAGATCAAGGTGTGACACAACGTTGAGCGACATGCCAACGAGGTCTCTGG  
CATTGAAGAGCGCATGCCGACTGAAATGCCACGCTCAAACGCGTCGATTCCAGCC  
CGGCGCTACCTACATCTTGAGCCTAACGGGCGAACACGAGAGCTTGCCTGCC  
GCGCCTGGCTCAGACGCACTTGCCTCGCGCAACTGAAAGACGATGGCGGTGAGA  
GTCACTATCAAGCTCTACGCACGTAGTCAAACGCTTCAGGAAGCCGAGACCGA  
CGCAAACGTCAAGGGTCTCTGCCATTGGATCCACGGTATCGACTCCAATTGCC

GTGTGGGTCATCGCGCGTGTGATGATGGCCGAATCATTGAAAAGCGCACTAGCTCTCAA  
GGAGGAAGCGGGCGGTGAGAAAGAGATCATGCCAGCTATGTGCTGACCGCATCGTT  
GAGTTATGCCTTGTGCCACCAGAACCGGCAGCATCCACTCTTGGCACAGTGGTGCT  
TGACGAGGCTTCTCAAAGAGTTCTCACGCCGTGCTGGACGCATCATCCGGCGCT  
CGCCGAATTGGCCTACATCCGCTTCTGACCCAAACAAAGAGCTGCGCCTGTT  
ACGCGATCACACCCGCTCAGCCATCGTGGTGCATCGACGCCACTCAGGCACCG  
TGACGTCACTCACGTGGGAGGAGCTGGAACACCATGCCGTGAACGCCGGAAACGC  
ACGGAGATGACCGTTGAAATGCCGAGTGAAGCAGCACGACTTCTCGCTGGCACT  
GGCAGGACGCCGGCAAGCAGGGAGCGGCAGCTGCTGCAACCCGATGCATGCCAATG  
CTCGTCCCGATTGGCGCCCCACCGCAGCGAACATTACCAACAGAGACCTCGCGTGTG  
CGCGCGCATATGGAAGACTGGCGGGCGGTCACTGTAGGTGAAGTTGTCGCCAAC  
TGTGCGCTTCGCAAGCGGAGCCGAACCGGTGATGGTGCCCACGCATTGGCCTTGGC  
CTCAGCTGCAGAATGGCAGACCGCTGAATGACATGCCATACAAGGGAGCAAG  
CCGAATTAAGCCAATTGCTCGAAGCCATCCCACCTATATTCCATCGACTGTTGGTCC  
GCCAGCGAGGTCTTGGCGCACTCGATCCCGCAGGGAGGTGGCAGGCCACGGCG  
CTGGCCCTTGGTCTAGAGCCGGCATGGCGCGGGACGCCCTATGCGCAGCATCGC  
GGTCGCAGGCATCGACAGCAAATTGAGCGCCACGGCGCTTGGTACGGCGC  
TGTGGATGTGCGTTGAGGGTCAGGCGTCAAACAGGAAATTGTCGATTCTGG  
ACGCCGCCACGAAGCGAGCATTGGTGTGGCACCCATTACACAAGGCTG  
CTGCCGTTCGCACGTCAGCGTGTGCGTGCAGTGGGAGGTTCCCTGCC  
GCCGGCCGGATCTGGTGTGAAAACGACCGTTGCTGCATCTACTGCCACCCATG  
CCAGACACCATGCCGTGTTGGCGCCGGCTCAACTGGCTTGGCTAGCGCGCC  
TGGTGCAGAGAGAGGACATTGGCTACTGGGCGACTTGGACACATGGGACTACA  
GATGTTGCCAGGCTGCCGCCCTCAACCCAAGGTCGAAGCGATTCTCATGAATCA  
CGCCGTGTTGAGGCACACGGGCTCAACTCGGCCGTGTGAGGACACTCCGCATT  
GCCGGAACCGCCAGACGCCCTAACCAAGAAGAGCAAGCACTCTATTGTCATCTGC  
GAGGCCTATTCAAAGGACACTGGAGCAAGAATTCTTACCTGCGAGCGGAGGTGGCA  
AATGCACTCACAAATGGGGTATTCCAACGGTGTGACCAACTACATGGATCCATGTCG  
CGACTATCTGGTCCGACGCATCCATGGCCGCCCTACCCCTGATAACGCTTCTTAAT  
CGATAGCTAAATTCTCCAGGCTGTCCTCCTCAGGCCACGCCGTTGCGGCCAGAA  
ACGGAGATTATCTCCACCAAATTCCGGGAATGCCAGGTAAAGATGCCACTC  
GTGGTCTCCTTGACTGCAACATGGCATCATCTGCCCGGGAGAACACCTTCGGGGA  
AATACATGGAAGTTGATACTGCGCCTGGCGCGGGTTTGGCGGCGGTCTGCTG  
CGTTCTAGTCGATTGCCTGGTGTGCTGGCGTGGCCGGCGTGGCAGGCTGGCGT  
TGCTGGATGTGTTGCGGATGGCGGTTGGCGTTGGTGTGCGATTCTTCATTG  
CACTGACTTACTCGGTGTGATGAAACAGCGTGCTTGCATGGGCAGACCCCTGGCA  
AGCGCCTGCTGGCGTGCCTGCGTTGGCAGGGACGGTGCCTGCTGCCCTCCCC  
AGTCGCTGCTGCCGTTACTCGGTATTGGGTGTCCCGTTCCCTCAACGGTCACAGT  
CGATCGCGATGTGTTGCTCGCCGCTGCAGTATGTGTTGACGCTGCTGATCTCGGC  
GGGACGCTCTCGATCCTTATCTGTATGTTCAATGCCGCCGGTGTGCGTGC

ACGACCTTGC GG TGG AAG TT CG GT GGT GACC GCG CAG AC ACC GCT CG CC GCT GTC  
AGGCCGATGCCGGTGTGGCGTGTGCACTTGGTGGTCGCTGTGTTGATGATCGCA  
GCCGCAGCAGTACCGGCGTTACCGGGCAACTTGCAGCAGAGCGATTACTAAGGA  
CTTGCTGGCAGCCATGAAGCCGTAGTGCAGGCCGGCGTGCAGTCAGCGCG  
TCGTGCACAATACGGCGTTCGGCACGCCAATGCGAATCTGTGGTTGTGCAGGTCA  
ACCTGTCCGAACGGCGCATCGACGACAAAGCGTTGGCGAGCACATTGCCAAGGTC  
GTCCTGCCAACGACAAGAAGGGCGCCATGCGCCATCCACGTCACGCTGGT  
CTATGGCTATGACCTGGCATCTCATCGCCTGGCGCTCGATGGTTATAAGTCGC  
GCCGAAAGCGTTGGCGGCTGCTGGTAGCAACGATACCGAGGCAGGAATCAGAAGGT  
ACCGTCTCCTGCCCTGCCGAAGGCAATGCCCTGGCGCATGAGATGGGTATTG  
AGGGTATTGAGGGGCCTGCGCGGCCGTGCGGCCAGGTCGTTGCCAAGCCTGAA  
GGCAGCGCGTCGCTGCAAACGTGGCGCCCCATTCCGCTGATACGAGCTGGTTCC  
GGGCAACCGGCTGTAGTGTCCCTGCGAGCCGGTTGCCGATGCGCTTAATTACAGCA  
CCTGGTACCGAGTGCAGAGAGAGGACGCCAGCTTATGTAGCTCACCGCATCTCG  
AACGACGCCTGCCTAACCGCGATCGAAAGACAGATCCCAGATCCACCCGGAT  
CCCGGCACCGTTGATGAAAGCTGGCGCGCTGGAGCACAGGAAGGCAACTGCCCG  
CCACTTCCTCGGGCGGCCGCGTCGCTTGAGCACCATGCCGGACGTTCTCGTCCA  
GGAACGATTGATGCCCTGCTCGAACGTGGTTCCGTTTCGCTTGCGCTTGTGCAT  
CATCTTGTGGTCATGGGTTGCGATGAATGCCGGCACACCGTATTGACCAGCAC  
GTTGTCCGGTCCGTAGGCCTGGACAGTCCCTGGCCAGGCTCAGGATTCTGCCTT  
GATGCGCAATAGGCCAGTCGTCACGTAGGGCTGCACGGCGTCTCGATGCGAA  
CAACACGATCCGGCCCCATTGCTTGCAGCGATCGCGGAATGCCCTGGCGACA  
TGC GCACTGCGCCC AT CAGGTTGATGTCAGCCTTGAGCGCTTCCGATGCGA  
CCTCCAGGAAGTCGCCGGTTGCACCAAGTGCAGCCTGCTGCATTGATGAGATGCG  
GGTCACCCAGTTGTCGCGCACCTGTGTCAGATGGCGATGACGCTCTCGCG  
TGACATGCCCTCGATGGCGATGATCTGCCCGAGGCCGACAACCGCCACTGCCT  
GATCGAGCGTGCCGGTTGGGAGATCGGTGATGCCACGCCACGCCGGCTCCAGC  
AGCTGTCGCGCGGTTCTGCCATTCCGAGTCGCCGCCACTGATGAGGGCGATC  
CGATTGTTGATTCCGAGATCCATGCTGAACCTGGTGGTAGAGAGAGAGGGCG  
GGAGGCACGCAACTAGCGGGCGAGAAAACGCTCCGCCGTGCGTTGCCAAGTGCC  
TCTGCGTCAGCGCGGGATTGGCTGCCAGTGCACCTGGAAAAATCGAGTTGCGCAG  
ATGTAGAGGTTGGCGATATCGAATGCCGGCGTCCGGGTCCACCGCCCTGCTC  
GGGATCCCTGCCCATGCCAGGTGCCAGCGTGTGCAAGAGCGGGCGGCAGCGA  
AAATGCGTTGGGACCGGCTGCCCTCCAAATTGCGTGCAGCGATGCCCGCATGG  
GCATTGATGCCCGTTCGTTGGACCCGTAGCTGAAGTCGATGCCGCTTGCCTGG  
CCGAATGCATGCCGCTCGACAGGCTCAGCCGGTTGCCGTCTGCCAGGCAT  
TCGCCATTGATGCCGATGCCCTGCCAGGCCGGTTGTAGCGCGTCAAGGCTGCC  
TCCCTCCCCACATGCCCGCCACGCCAGCGCTAGGGTGGCCAGGGTGAATGGCT  
ACGCCAGGCTCTGCACCAAGATGCCCGATGAAATCGGATTGGCCGGCGCAG  
CATGTCTCGGTGATCAGCGACGAGGGTAGGCCGGTCAAGGCTGCCATGCGCAG

GAACTTCCCCCACACCTGGTGGCCACATGCGCCATGAAATTGCGCCCCACCTGGCC  
GCTGGAGTTGGCCAGCCAAGGTTGAGCAGCAAGCGCGGTGTCCTCCACGCCGCCTG  
CGCACAGGAACACGCTTGTCAACGCTGGCGCAGTCGCGTCCATCCTGTCGATAGA  
CCACCGCGCTGACCATGCCACGGCGTCGCGCTCGATATCGATGACCCGGCAACCG  
GGTCGCAATTGGGCACCGTGCACGCCAGCGCAGCCAGGTGGTGCACACT  
CACCTTGGCACCGTTGCTGCAGCCTGATGACAGGGGCCAGTTGTCAGGCCGC  
GCGCATGCCGTGGTGCAGCGCAGCCATGCCCTGGTACCCAATGCGGCAGGCCGCAT  
CGGTAGCGGTGATGCCGAGCGTGCAGCAACCGCGCTCCATCGCGTTGGCCGACGCA  
TTGCGCTGCCGGCGGATAGGCAGTAGCTGCCTCGAGCGGGATCCCAGGGATAGTGC  
CGGCCCGGACACGCCGATGAAGTCCTCGACGCCGGATATAACGACAGCAGCTCTT  
CATGCGCGATTGGCCAATCCATGCCGTGCTGCCCGGTGCGTCGACAGGTTCAGAT  
CGCGCTTGTCCGGACGCCGGCAGAAGGCCCAATGCAAGGGTCGAGGCCACCCAGG  
CCCGAACCGGAATTATTGGGCCAAATGCGGTGGCGTCTGCCGCCGCTCAGGCG  
CTCTTCCATCCAGTAGATGCCGGTCGTCAGCTCATCGGTAGATGGGACGCAGGGCT  
GAAGGCCGCACCCGCCTCCAGCACCAACCACCGAGAGACCTCGCTGCGAGCCGTG  
CAGCTAATGGGCCGCCCTGCCCTACCGTACCAACCACATCGACTGCAGCGT  
TGTGGATGCCAGGGCTCATCGAAGGCCCTGGCAGGAAGCTGCCAGGCTCCTGTTG  
ATCGGCTGCAGTCTGTTGATAGCCCGCTGTCGATACCGCACCGCAACGGCGA  
AGCCGTGTTCCATTGCCGCATCGTAGCGGGAAAGGCTGATCCAGATCCCGCA  
GCTCGGCCGGACGTCTCGAACCGTAGCGCCAGCTGCCTGCATCCAGCCGTG  
GCCGAGGGATCATCACCGCTGTCGATTGCGACACCTCGCGCAGCCAACGATCTG  
AGTCTCTGCCGGTAATCCAGCGAAGCCATTGCTCAGCGCGTCAGCGTGTGAGGCC  
CAGCGGCATCGCAAGCCTATCGGTGGCAACGCTGCATGGCGCCAACCATCTCCG  
CGCCTCGGCAAGCTGGATATCCATCCGCGGGCAATTGCGCGCATGCCGGCT  
CATCCAATACACGTGCGACGACTGCTGTGAGTAGTCCAGTTGATGTTGGCTCAGCA  
CGCCTGCGCAGTCGCGGGCGGCCGATGCCGGCTGAGCAGCAGCTGCGCATG  
CGCGGGCAACCCCTGTCGATTGAGCAACCTGATGAAGTCATCGGCAGGCACTT  
GTCCACGCTGCGATCTACATGCGCTGCGATCAGCTGGCCAGGTGTTGCCGGTT  
GTAGGGGATCAGGTGCGCGCATCGGCCACGACGGCGAGACGCGCATCGTATAAT  
GCGCGCGTTAGCGTTGCGCGCTTCGCGGAGGTCGCCATCTCACTGCCGG  
CGATGATCAACGCCGGCACATGCATGTAGCCGGCTGCGCTGTAGTCCTCACGAC  
TGGCGTGCAGCCAGGCAGCGATCAACGCTTGCAGTGCAGCACAGTTATCGTCA  
ACAGCAGCGTCTGATCGCGCTGGCAACGTACCGCACAGTTATCGTCA  
TGCTCGGCCTTGGCGGGATGGCCCTTGCAGCCAAGCCAACATTGTCTGT  
CGCGTGAECTCATCCATCGGCTCTGGCGCCGGCGACGCCGCAGCAGGATCAT  
GCCTGCCAGGCCGGCAAGCCGGCATGCCATCGCGCCCTGCCCGCTGCCAGGG  
TGGCGATCTTCCGCCATGCTGTGCGATCGCAAACCAAGCAGCACGTCGGTTGCC  
GAATGACCTCTCGACAAACCAGTCAACCAGTGCAGCTGTGTCGACATGCTGCAGC  
GGCGCGCGTCTCGAAGCCTGGAATATCGAGCGCCACACAATCGAAGCGCGCCTC  
CAATCGCTGGATCACACCAGACCATTGTTACTGCTGGACCCAGGGCGTGCAGGA

AAAACAGCGTCGGCTTCGCCATGTAACACCTCTATCCACCAGGCGCGATGATGACC  
GGCGCGTCGTCCACGCATCGTGCAGATGAGTCCGACAAGGCCAGCGCGTTGTACTC  
GCCCATGTCGTAGTCTCGGCTCGCAATGGAGGACTTGCCGCACCCCGATAAACATT  
CGAGAGCGCGAGGTGGCTTACCGAACTTATGACAGCGTGGTGCCTGGCCGCTAC  
GCAGCCTGGCCCGACAAGCGGGACGCAGCGCCCTACCCCTCAGCACCAAGCGACA  
CATCCGGGTATCTGTCGACATGAAGTCCACGAAGGCACGCACCTTGGGTGCAGCC  
AGACGCCTGGAGGTGTGCAACACCCACAGCGCCGGCTCACGCCGGCATCGTGC  
CCACTGCACCAGTCGCCGCGCGAGCTGATTCCATGCAATCGACTGCGGAAGCA  
GCGCCACGCCACCGCCTGCAATCGCCGCGTCGCGGACCATCAGGAAGGAGGAAAC  
CGCAGCCGTGGAATGGGTTCCAGGACCAGCGCTCGTACAGCGCCCATGTGGT  
CGGCTGGAAGCTCGACATCACCACAGCGGGAACTGATGTGAGCGCGCCGCTGATTG  
GCATGGCGAAGCCGGCGCAGCCACGACAACCAGCGATCCTGGCGAAGCAGCGC  
CCGACCAGGCTGCTGCCGGCTTGGGTTAACCGGATGCCACATCGAACTGCTCT  
TCCACCAGATCGACCGTGCCTCTGCACACCGTACGAGCATGATCTCCGGATAG  
GCCGCGCAGAACTCTGCCAACCGTCCCACGCCATTGCGAGAACAGCACGGG  
AGACGCCACCCGCAAGCGTCCGCGTGGTGCAGAAAGTCCTCGCGCGGGCCA  
TGGCCTCGGCCACCTCGCTCAACGGCACTCGCTGCCATCAGCAACTGCCCGG  
CTTCGGTGAGCCTGAGCCCACGGCGCTCGCGCTCGACCAGTCGACCCCCAGCTGCT  
CCTCCAGATCGGAATCGCCGCGACAAGGTCGCTTCGACCTGCCGCTGGCACGG  
CTCGCCTTCCCAGGCCCTGGTCGCTCGACCAGCGCGAAATCGATCAATGCAATTG  
AGATCCATGGTGTCCAGATTGAAACCAGCGTCCACATCTTGGCGTCTCGTATT  
GACGATGCAACGGCTATCGTCTGGCACCGCAACGTCAGTTGTCAGCGATGTCG  
CACTGACGCCTTCCATCCACAGCAGGAGATTCACATGAGCATTCTCGTACCGG  
GCCACCAGGCAACATCGGTTCTCTCATCACCCAGGGCCTGCCGATGCGAGCG  
GTGAAGGCATTGGTCGCCAACCGGGCAAGCGCGTTTCCCGGGGTGTGACTGA  
AGTTGTCGACACCTCACCGATGTTGCATCGATGCGTGCCTGTCGCGCA  
CACGCTGTTCTGTTGAATGCGGTCACTCCGATGAAAGTACGCAAGGCGCTGATCG  
ACTGAATCTGCCAACGGAGGCAGGCATCGAGCGCATCGTACCTGCGGTGATCC  
ATGCCGATAAGTCACCAACGTCCCCACTTCACCGCAAGCAAACGGTGGAGCGC  
ATGATCGAAAGCCTGGATTCCGCAACGATTCTGCGTCTGCGTACTTCATGCAG  
AACGAAGCGATGATCCAGCAGACGATTCAAGACTACGGTGTCTACCCGATGCCGAT  
CGGCTCTGCGGGTGTGCCATGATCGATGCGCGCATCGCAGACATCGCGTTGT  
CGAGCTGCTGCGACGCGACCGTGCACCTGCCGCTCGCACGTGTCACGCTCGA  
GGTTGGCCCACATGCCGTACGGCAGCTCCGTTGCGAAGGTCTGGAGTTCGCGCT  
TGGCGCGAGATCGCTACGCGGGCGACGACGTGGCCGCGTCAAGCGCAGATGG  
CGGCCTACGGCCATCCTGGCTGCCATCGACATGCGCTGATGATGGCGGTATCC  
AGACATTCGGATGCAGGCAGCCGACGGCACGGTAGAAAAACTGCAGGCCATGCTG  
GGCGCCCGCTGCGCACCTATGAAGACTTCGTGCGCGAGGCGACGGCGGGCTT  
ATCGCATGCGACCGAACAGCGTGGAAACCCCGCTTGGCGTACAAGCATCTGC  
TAAAAGCGAACGGATCAGTGGCATCAGCAGTCTCACGCACATAATCACTGCGCTGC

CAGTCGGTTTTCCCGACGTACGTGAACGAAAATGCAAGATAAATGCAGCCTGGA  
GCGCGCGGTTCAAGTTCCGATTTCGCGTGTATCACGTTGCCGAGGCACTCACG  
CGCACATCACGCCGCTGCTAGCCGGTGCACTTACTGGACATCAGGACGATTGCA  
TGACTGCCTATTGCAACGCTATAACGTCGGCGCCGTCGGCGTCGCCCTTGGAA  
TTTGATTCTCCTGTCGAGCCTGCTGGTGGCGACCGGCTTGATCACCATGGCCAACG  
CACGACAACAGTCGATTTCATCGTGCATCGATGCCAAGATCCAGATCGCA  
ATGGCATGCTGGATGCCAATTTCATCGATCCTGATCGCGCTGGCACGTACGCCATGG  
CCACCAGCGACGAACACTAACAGCGAACCGGTTGCGACCATCAAGGCGCAGCGCCAG  
CGCTACAGCGAGCTGCGTGCAGCTGGACACGTTGCCAGTCCGAGGAAGGTCG  
CAAGATTGCGCCGAGATGGATGCGCGCCGCGTAATCTCGGGAAAAATCAACGATC  
AGGTATGGAGCTCGCTGCTCAAAACGACAATACGCCGGCGAACCGCTGCTCAGC  
GAAAAGGCGCGCCGGCGACGATTGCATGGCAGGACAAAATCCGCGAGCTGGTGAC  
GCGTCAGGAAGGTCAGAGCCAGCAAGCCTATGCCGATGCAGTGGCGTCGATGAATC  
GCGGCAAGCTATTGATCATCTCCGGTGGCGTTGCCGTGGTGGTATCAGCAGCCTGC  
TTGCCTGGCTCATCACCCGAGCCTGACCCAGCCGCTCGCACGTGCAACGCAGGCTG  
CAGAGGCCATTGCCAACGGGCAGCTGGACAACAACGTGGAAAGCGATGCCAAGGA  
TGAAACCGGCCGCTGCTGCGTGCATGCGTGGCATGCAGACGCAGCTGCAATCCTT  
GCTCACTGCACAGAGCGACATGCCAACGCCACGATGATGCCAGGTAGTTCC  
GTATCGACGCCACGGCGTTCTGGCGACTACGCCGATGCCAAGGACACCAAT  
ACGCTGGTGGCCTCGCATCTGCCGTGCAGACAAATCTGGCGCGCATATGGCCGC  
TACGCCATCGGGACCTCAGCGAAAGCATGGACCGCCTGCCGGGAGAAGGCGGT  
GCTGACGCAGACCATGGACGAGGTGAAGGCCAACCTGTCTGCAATGAATCACGAGA  
TCAAACAGCTGGCGCAATCTGGGCCAACGGCAGCTCACCGCACGCCGATGCC  
GACCGCTCCAATACGATTCCATGTGATGGTCGATAGCCTCAACCAGCTTATGCC  
ACGGCCGATGGCAACCTGCAATCGCTGCGCTGCTGCAATC

>CONTIG\_16\_length\_13678\_cov\_228.887536

TTTCGTAGCAGCAGTTCAACGTGCGCTCTGTGGACTTCTTTCTTGTTCCTCTCTTT  
CCTTCTCTCTTTGTTCCAGATGATCCTCGATCTCCTGGCCAGAGGGCGCGACGGG  
GTGCCCATAGGGAGCTGGCGGGATAGCGTGTGTTGCTCTTAAGGCCGCTCTCGT  
CCGGTTCGTCAGCGCGCGAGGATAACACTCTGCAGGTTGATAGCTGCTCCGG  
CCTTGGATGATGGCGCGGTGATGCGAACCGGCCGATGTGGATGCCCTCCAGATGC  
AGGAGGCCGAAGGGCGAACGATGTAATCGTTGAGTGCTGCCAGGGTAAAGCGGT  
CATGGGTCACTCCATCGAAAGATGGAAGTAGGGATATGACAGGACGAAAATTGCT  
CAACGGGGCGATAACAAAATTGCGGCCGGCGCAGTCCTAGGTGTTGGGATA  
TTCCCAATGGGTGCTTCCCAGGCGATCCGTTATCCGGCGAGAAGCCTTGTA  
AACCAAGGGTTTAAGAGGATTGTCGATTATCGCAGTCATTGCGTACTGTT  
GCAGTAAATAAGCTAACTAGATGAGTTGATATTGATTCGATTAAAGATGAATTAAAGT  
TAAATGTTAGCCTATTATTGTTAGGGTTATTATTCAGCAGTCAGTCATTGCGTACTGTT  
TCGGAACCTTCTGACATCCAATAGGGCGACACCGATGGTGCAGCAATGCCAGG  
AGCGCAATCTGACCTGCCGGACGTGGATCCAATGGTCGCTCACCTACGGGGCG

CTTGAGCAGGCCATCTGGCACCTGAAGGGGCTAGCTGTCTTGCCTGCCGCGC  
GTCTCAAGCAGTGCACCGCACTGCCGATACTCAGGCCATGGACAGAGCCGAGCT  
TCGCCGTACCTCGAACGCCCTGGATGCTGCCTGCCCTGCCGCTCAAGTCC  
TGATGCCGTATTGGCAAGCCTTGCAATATGGCTGCTGCCATCGAGAGCAA  
GGCGATGACGAGCGAGGACGCGCAGTCGTCGCCGCTGGGCCAGGAAATCTTGT  
CGTGGCACGGACTGGAAACATAGACGAACACGCCCTGAGCCCCTGGGCCGACCA  
GCCCATCCCGATGCCTGCCTGCTTCCTGCCGAGCGATGCGTAAGGCAGGCA  
CAGGTCCCGAGAAGCCCCACTGGCTGCAAAGCCCAGTCATGCCCTGCTGACAACAA  
TCGACCCCCCCCCTCCGAATACCCTTAGCTCGCAGGCCCTGTAGGGCATGCATGGT  
GTTTCTCCACCAGCGCTGGGCCCTGAAAGGGACCCTAGCTTCACTGTCCCCGACCG  
CAAGGACACGCCCTCCTCGCTGGCGCTTGTGCGGCCCTCGCTATGCC  
GCTGCTGCCGTGCTCGCTCGGGTGCCTGGAGACAAAACGATGAAGCGCACCCAAGACC  
CCACGAGGCGACAACCGCTGGTGGAGACAAAACGATGAAGCGCACCCAAGACC  
TGAAGGCCAATACCAACTCCAGATGGACGAGGAGGGCATCTGCTGCCGCCGCG  
ACCATTCTGGAACAGGCCCTCAACGCCAAGGCCGATCCGCAGCCCCGGAGCAGGC  
CGGCAGCTACCTGGCGCCGTTGCGCTCACCTGCCGCAGAGGTTTGGCGCCG  
ATTCCCTGACACAAGCACCACATCCTCGCAGCGAGCACCTATTCTCCGGCACC  
CGATGCCTGCGACGTTCATCTCCGGTGTGCAAGCGCGCTGGAGCTAACGC  
GGTCGCGCTCATATTCCATAACCACCCCTCGGCAATCCGGAGGCCAGCGAAGC  
GGACCGCAAGGTCAACCGAGCGCTGCAGCAAGCGCTGGGCCCTTGGACATCCGG  
TCCTCGACCACCTGGTCATCGTGGCCAGAAGAGCGTCAGCTTGGCCAGCAGGGGG  
TGGGCATAGCCCCCCCCTCACCTGTGCCCTGCCGAAGCTAGACTGCTAACGGAG  
ATCCACATCCATGGAGCAGGAATGAAGGCCTCCGCGTGCAGGAATTGTCTGG  
GACCGATGGCAAGCGTCTAAATTGCCACTGAAGGCCACGGTCAATGCGCGAGCG  
AAGAAGACATGCCGATGCGCTAGCGATGCTTACGGATGGCTGGTGGAGGACTTC  
GCTGCGTAGACGGTGCTGATGGTGCCAGTGATCCGATAGCGTATTCCATTCTGG  
ACGCGCGCGGCACCTGACGGTTAGACTCTGGTGGCAACGAAGCACATCGAGCACTC  
ACGGAGGCTCAGCTGCCGTTACTGATTGCGCAGCATTGCGCTTACCCCTTCGTTA  
GGGACGCTGGCCTGTGCTCAAGGGCCGGCGAGTAGCCAAGGCACTCAGGAGAAAAC  
AATGGAAGGACATCCCCCCCAGCGCTGCAGACGTGCGCTCCGAGCAAGACAAAGCCG  
CTGCTAGTGCACAGGGCTGCAGACGAGGCCACCCGGCGAGCCAGACAGTCAAGGGCG  
GTGGTGCTGGCATTACCCACCAATTGCCAAGGGCCGGCGCTAACGTCAGGTGCA  
TTGGTCGAGGCCATGCTGAATGCCAAATCTTCGAAACCAGAGCAGACATGCC  
CCGGCTCACGTTGCGCACGTGTCAGGGCTTGAGGTGACGCCAGACAGTCAAGGGCG  
GCGCACAGGGCTCCAGGGCGCACTGGTGCCTGGCAACTATGAGTCGCTGTG  
AGCCTACGCGCGTCATCCTGGCACACCACATCGAGCTGACCGTGCAGGCCG  
GCCTGCGACCTGCGTTAAATCACTGCATGACCCATTGGTGCAGCCGGTTG  
GTGACCAAGAACCGGGTGGCTCAAACCGACTGTCTACTTGAGCGAGCACTCGC  
AGACGGCTGGCTGTATGTTGCGTCAGCACGGACAAGCACGAGGACCCACGCT  
GCGTTCGCGGGTCAGGCTCGAAATGGAGGCCGCGTATGGCTGATCAGCGCGACAT

TGACCGGGTTGCTCCAGGACCTGGAGCGGCAGCCGGCCTCCCCAAAGGTGCGGTGC  
GTGACCTCCGTGAAGCCATAGATACTTCGCCCTACCTGCTTCGGTCATGACCCAAG  
CCATCGATCTGGCACCCTCCGCTCGCCTGGAAGTGTCCAACCAGCCGAATGAGGGC  
GGGCACTACGATGACAGGGACGGCACCGTCAGCATCAACACCTCGATTTCGGCC  
GTCCATTGGTTGACCGCTTAGACATGTTGGCGGGAACGTTGGGGCACGAGACTGG  
GCATGCCTGATGGCGCCGTCGGCGCAGGTTCTGAACACACCTTGTTCAAGCT  
CGATACCGCTCTAAAAGACGGCGTCCAATACGGTAATCGGTGAGACTACGGGAGAGTTCAACCA  
CGCCATCCAAGGAATACATCGCGTCCCGAGGCAGAACGAAGCCTGGCCAGTTG  
GTGAGCATGAATTCCGTGGCCAGTCGAGTGACGACGACTACGGGAGAGTTCAACCA  
GGCCGAGTTCTCGTCGCGTTGAGCCACAACCGCTTGCCTGAAAGACGGAAAGC  
TTGAGCCAGGCATCCATTGGACGAGCGCGGACTTCAGCGGACGGAAACAGCATT  
TCCAGCCCGGCTGTGGAGGCCGTTGCCGTTGTCACTCGATAGAAGCGACAGCAGC  
ATGGGGCGCCAAGGCGCGGCTAACTACCCGGCTACTACCGGCTTACCCCTGTGAG  
CGCAGGGGCTCGCTGCTGAAAGATCGCGCAGGCTCGACGACCCAGGCCTGCCGC  
GGCTGGGTTACAACCTCGCAGAGCTCGCACCGATAACAGCGAAGCTTGAGGGAGCC  
GGGCTGAACCTGGCGGGCAGGGCAAGGCGTTGGATTGTCGATACCTCCCACGG  
TCAGCAGCGGGAGGTGGAAGTGCCTGAACTGGCCCAGCCCAGCATCGCCGGACA  
TTGAGCCCCCTCGCTCGATGCCCTCGCAGGTGCTGGCCACAATCCGCTCACC  
CCGACCACATCAGACCTATGCCGCATCCACGACTGGTCAAAGGCACGGCAACTGG  
AACGAAGAAGAGACCAGGAATGTCGAGCTGCGCTTACAAGCAGCAGGTGGACGA  
CGCGTTGCTCAAGCGAGTAGACAGGGTCACGGGAGGATTAGGGAACGATGGCGCTC  
AGAACGTCGTTGCGATCTATGCCCGCACGGGTTGGACAAAGCGCCGAGTCCAT  
GCCACGTCGACGGCGCGAGGCCCTCGCAGGAGCCGCCAGCAGAACCTCAGCA  
GGCAGAAACCATCAAGCAGGCCAGGTGCGTCAGCAGCAGCAGGAGCAGCAG  
CAGGAGCAGCAGGAGCAGCAGCAGGAGCAGACCCAGCAGCAGTCAGCGCAGC  
AGGGGCCGAGGATAGCTCTTGAACAATCAAAGGATCCGTGAAATGCCGATTAGC  
CATTGGGAAGATCGAACCAAGGACCTGATCTCAACTGGTCGATAAGTCTAACATTA  
AGTGAATACAATAAGCTCTGACTTACCTCAAACATCGCTACGTTTATTCTTGG  
ACCTATGTGTTGTAATATTGCAAAGCTAAAAAATGTTCTATAACAAAAGACCGAA  
GAAAAGTCGGTTGGTTAAAAGGCTCGAGACTGGATAGGCCTCAGCATTCTTCT  
CATATTATTGGCGCTAATGGAGCGAGTTAGCAATTGCGCGATGAGCTTCCGACG  
AAAATTGGAGCGGGAAATTCTAACGACATGGATTATCTCAGGAGATTTTAAAAA  
AAGCACGTGTCGTTGAGCCGAATAGCTATGTGGTTAATTATCTCAGGAAACTTCGAA  
GAGCGCCAGTTGAGTTGGATCGTGTAGGTATTGAAATTCTGAATTCAATGAATG  
GTGATTTAGGTTGATGAATTCTAGTTGGCGGGAAAGTAAGGTTGAGAACGGCGGCT  
GAAATAATGAGCGAGGCCGACTCTGTGGAGTAAGTCGGCAGCACCCAGTTGTATT  
AATTGCGTTGGCTTGCCTTATGGGAATCTAGATGCAAAGGTTGATGAAGTTCAA  
GTTGGAGCCGGCCAATATAATGCGGAAACGTTCTTCCGATACGTGGCAATCCA  
AAGGTTGCAGAATTAAAATAGAGGTCTGCGAGATAACCTCAGGCCGGAAAAT  
GCTTACTTCAGATTAAACGGACGACAAAGGTCTTCTGGTATTATAAGTTGTT

CAAGGCTAAGTCTCTAAAGGTTGAAGATAATGATGATAACCTCTCAAATTGAATTAG  
CTTGAGGTTAATATGGGTGCTCTTGAGTGAGGCTGATTTGACGAGATTAACAA  
CGTGATTCCGAAATCAGCGTCAATCCATGAATTAGCTTAACGTGCGAACGGTG  
GTTTACAGGCTAGCGTCTGTGGCCAATCATTGACAAATTCTCCGGTGCAGAGAA  
AAATGAAGATGATTGTCAGTGGCAGTCAGTAAAGAGTGAGGATGAATTGGCTGATCCAG  
TTAGTTGAGATGATGGAGCCAGCACTAAAGAGTGAGGATGAATTGGCTGATCCAG  
TCGAGACTCATGATGGCATTCTGGTAGGTCTTGGTGTATAAAGAAGGATTCA  
ATGTCAGACCGGAGATTAGATGATTGTCAGTGTATAAAGAGGTTCCCCATCTTA  
AAGCAATCGATGGAAGCCCTGTATCAGGGCACACCCCTATATCTCATTGATGAAT  
ATCTGCCCATCCCAGGGATCGAGGATGCCGATATTGCTTGAATTTCAGTAAAC  
CTTCTTGGCCGAGGTGGAAGATCTTGTGCGTCGTCTTAATGACGCAGGGCTCGTCT  
TTGTAGTGCAGCGCCGGTAACGCTCCATAAGCGGCTGTTAATAGAGGGGGTTGGT  
TCGCTTCTCCTTAAGATGTAAGCGGTTCTGCGCACGCTTACCACTGTTCTAGAGCAAGATCC  
AAGCAGCATTACGCTGCTGGTTGCGCTAGTGATTGAGGATAAGGAACTCACCCAT  
CATCTCCTCAAGTTGGCGAGATCTTGTGGAGCTTGCAGTGCAGTGC  
GGCAATAGCTGCTCGACGTTCTGCTACGTCACTAAGGGGGTTGAGATTG  
GTGGATGCTGTGTTGGCTTCCACAGATCCACCAATGGCGTATAGACGTTGTTCCA  
AACGAAATCATAATGGGCTTGCCAAAAAGCCATCTCAACTCTTGATGTTGTC  
AAACTTGCTCGGGCTTCGCGCCAGTCAGCAGTGGTGGCGTAATGGCGCTCTC  
ACGAAGAGCGTCGTACCTTAAGCCATCTATCAAAGAGGTCGTATTGAGCGTGT  
TCTTGAGTCTCGGCCTGCTGCTGAGTGCAGTGCAGCCACTGTCGATATGCGATGTAGCC  
AACCGCGCAAGCAACGGCTATTGCCAGCCCCGGTTAGTTGATAAGCAAAC  
CGGCAATCTAAAGTCATATCCACTACCATTGCACTCCAGTGTGGCAGGTT  
TGCAGTCTGATAGCTTGTGTTGGCAGGCCAGTGTCCCAATTAGGAGC  
TATCTGATGGACTACCATACTGTTGATTAGCCAAACCCGGTCGAGCAGGTGATG  
CGTATGCGGCACAGAGCTTATCAGGCAGCACATCAAGCTAGAGGCCTAGCCAA  
TATGAAGCTTCAAAATCCTCCGCAACATGAGTGGTAAGGTTGAAAACCAAGT  
GGCGGAGGCCTGTGGATGAGCTACTAAGTCACCGAGAAGCCTATAGCCTCT  
TGCTTGTGCGTGAGTTGCGCCAACGCCGGGGCAAAAGTCAATCATAGAGA  
TTTCACCAGGTGGCCAACAAGAGTGGGAAGCTTGTGAGGCCATTGCCACGATTCA  
GCTCTCATACTCAAAAGTCAAGACGCGGCCATGTTTACCTAACAGCGAGGGGG  
AGCAGCGGAGGGCTATCTAGAGCTCGTGCAGGCCAAGGCACGTCATTGAACAA  
GAGATGGTCAATGCCTGCAAGTGCTGAAGAGCAGTCCATAGCGTAGCCAAAAAAT  
CATTGATTAACGTCATTGCGCTTATCAAAAGCTGACGATAGTGTGGAGTTATCT  
GGTAGGCAGAGTGCTCAGACTGATCTAGCTTGTGAGGCTTAACCGCAGCATGTTAG  
TTGTATTGGCTCCTCAGTGACTGGTATTGACATTAAACCGCAGCATGTTAGTC  
CTTGACCCAACCTTCTATAGGTTGAGTGTGACAAGTGAAGAAGAAGACGCGTTAC  
GTTGAGCTGGCTCAGCTGATGGCTGAGTTGGAGAAGAAGTATGAGAATCGAGATG  
GTGAAGATTGGTTGTAGACGACTGGCATCCGCGATACGTAAACTTATTGTC  
CG

AAAAAAAGAGCCAGGTTGGGGCTACCTCCGCTTAATTATTAGCCTCATTATAGCCAG  
GAGTCGATGGCTCGCTCTCAGGTAGTCCCGATATCTAGAGTGGCGCTGACATTC  
GGTCTTTCTGGCGGGCTTGCAGTGGCATAGGTGGTTACCTCGATGCACAG  
ACTGTGGGTCTTCTGAGTCGCTATACGCTTAGAGAGTGCCTGAGAAAATCGG  
TGATGTCATTAGTGTCCGAGGCGTATGTATGAAGCCCTGTCTGAGAGGATGATTG  
CGTTAACCTCCTCTGCTTCTGGCACAAAGATTGAAATAGTCATTGAAATCTGGCG  
ACGAAGGCCATCGGAATCCATGCTCTGTTCCCAGGCTTATTGATTTATCGCTATC  
CCAAGGCCTGAGAGTATATGGCTGAAAGAAAGCCGAAGTCACATTCTGTGAGGT  
TACGAAATCATCTATGGGGCGTGGTCAGAGAGAGAAGGAAAACAGATTATTGA  
CTCTCCGATTTCTTTGTAGCTAGAAGAGAGTCCTCAATTCTTGAGTTGCATA  
ACCTTTAGTGTGGCGCTTAAATATGGCTGAATGGCTAATGTCCCATTCCGTCTCGTT  
CAAAAAACGAAGTGGTGGCCAAGCAGAGATCGGAGAACGTTCCCCGAGGCCGTGGT  
TAGATTTTATCCCCGTCAAGTTACTTGCCTTCAGTAATCTCTCGACTGCCACTCAGACTGAAATT  
TTGATGTTGGCTTGACTTCATTGAAATCTATCCTCGGCTGTAATGAGACAAT  
CTCCCAGCCTGACTCAGCATTCCCAGACAGGTTACAGTCGGCATCGGAATCGAAT  
TTTTCGCATTAACCATTGCAGATCCGTATGGCGAGCACTACTGAGATTCCAAA  
GCTCTGCCATTGATTACCTTCCTCATTAGTATGTGATCCTGCAACGTTAGCCATGTT  
TGCCGGCAGATACAATTAGCCTCAAAGATCCAAATCTGACACGCTTCCA  
ATACGCCTCGGTCACTCGGGCATTGCGTTGGGGGCCTACAAGGTCTGGCTTC  
CACTACAGAACCACTAGCTCAACCGACACAGGAACCAAGCACGTCTGAAGGGCC  
GAAGGTTAGCTGAATCTCAGGCCGTGAGAGGCCCTTGGCCGATCCTAGAACCGT  
CACGCCCGCCGCTGGCGTTGGACCGCTGGTGCTAATCTCTCCGTGCAGGGTC  
AGGTGCTGCTGACGCCCTGTTCACATTGCCGCTTAGCTATCTATGAATCTACA  
GACCTTTCATCCATTGCAACGCCGCTCAGCCCTGCTCAGCGTTACTACGCCG  
AGAGCTATGGCTCGTGGTTCGCTGAGTCGAAGAACGACTGATAAGACGCCGTTCT  
CACGGGCGGGCCTCTGTGCTGCCGTTATCGAGGCCATTGGGAGAGCTGGCGTCT  
CGCCACAAGACGCCATCAAGCCAAGAACGCTGCCGATTGCACTGCCCTAAATTGCC  
GCTGGACGTGGAGCAGGTGGCTGAATCCATTGCCGCTGATCGTCAAGTGGCGT  
CGAGGACGCTGGTACCTGATTGGGCCATCTACACTGTGACGCTGCCCTCCGCGCT  
GAGATGGAGATGGGAGCCTTACACGCCCTCACCCTGTTGCGCGGCTTGG  
TCTGGCTGAAGAACGAGGGTTGACTTCGCGCAAGGGCGGGTATTGATCCGCTT  
CGCGGAGGTGCGTTCTGGCACCCGTGGCGCTCCGATGATGCCGCTCCGGTGG  
TGCCTGCAACTGGCTCATTAAAAGCCTAGGCAAACGCTTAAAGGAGTCGAGA  
TAGACCCATTGCTGCCCTGGATGACTCGTGTGCTTGTGAGGCCGCTGTCATGCCG  
GTGCGTGTCCGCAAGCGCAGGCCGTTGCGGACGTAGTGCTTGAGGCCGATGCC  
GCCGCCGACCTGGATCATTGATCTCGTCAATTGCAATCCGCCGATGGACGATT  
GAAGCTCTCGGACGAGATGCGTCAGCACTATGCTCGCTCCCTTACGGCACGCAA  
CCTCTATGGTTGTTACGGATTGGCCTGAAAGTTGGTGAAGTCAGGAGGGTGAT  
CGCATATCTGACGCCACTCGTCTGGCGGGCAGTATTAAAGGCCGCTCGTGG

CCTCATGACTCAGGAGGCAGGCCGTGCGTTGACTTGTGCGGATAGAGATGG  
TGTGTTGACGACGTTTGCAAGGAAACGTTGCTCACAAACGTATAGCCAACGGAGGT  
TTCAGGCCCGTATCTGTTCACTGCTCATTCCAAGGCCTCAATGCTGCCAAGT  
CGAACTACTGGCAAGGTAGAACCTTGCTCTCAGGTGCTCCGTGGATCTGCCAAG  
AAATGCCCAAGACCGTCTCTTGGCTATGGCAGAAATGCCGACCCGTCTCAA  
GGATCTTGGCTACACCGTGGCTACAGGTCTCTGGTGTGGAACCGGACAAGGATCA  
GTTGCGCCCCGAGCAGGGAAAGGGGGCTATCCGTTGATTGGGCTGAGTCGGTGAC  
CAGTCAGGGCTTAGCTCAGTGCAGAGCGTCGAAACCACGTGCCCTTCATTGAGGT  
AGATCCCACAAACGCCACCTGTGACCGCAAGGCCTGCGTTCTGCTCCAGCGAAC  
GACCTGAAGGAGCAAGATGCCGTCTGTTGGCGCTGTCCTGCCCAAGGAGTTTT  
GAGCCGCTCCAAGGTGTGGTATTGAAAATCATCTCAACGTCGTCCAACGTTCGGA  
TGACTCAGATGCCGTGATTGCGCCGGCACCATCGCAGCTTGTGAACAAACGGGGT  
AGTGGATGCCGTCTCCGCTGCATCAGTGGAAAGCGTCGCGGTGTCGCTTACGAGCT  
CAATGCCGTTCTTGCGCTGACAGATATGCGACGTATCGAATTACTCGTGAG  
CAACGGTGCAGCATAGCGTCGATTGATAAGGAAATTCTAAATTATGGGTTG  
ATGAAGTGATGCCCTGAAGTCCCCTCGTGGATCTGATTGAGAACGATTGCCGC  
TCGTTTCCAGATGGCATAGAGCATCGAAACTACGCTATTGGGAAGGATCGAATGTGTGGCTGA  
GCCAAGCCAGGTTACTGACATGCGTTACGCAGGCAGAATTGCTGGATGACGAA  
AGCCGGGTTGAGTGGACCAAAAGATCGCTGTCCAGCCAGAAGGAGCGAGATCCGCG  
GTCCTGGTATGCCAAACACTCGTGAGCAGATTGCGATGAGACCATTGCGCAGC  
ATTGCTCCATGGAGCTGTGGTGAGCGTGCCTGACTTGGAGCTCTGACGCAGATTGCGAC  
GCCCGATATGCCCTGCCGCTGACTTGGAGCTCTGACGCAGATTGCGAC  
CGATGAGCTCACAGAAAAATAAGGCTGGCAGGCCAACGATTGCGAAGGGCG  
CTCTCGCACGAGTTCATCTGGTGAGGCACGGCGTCGCGCTGCCAGATGCGGTGT  
CAGTCACCTCCCAGGTAGAGGAGGTCAAGGTCACTAAACCTGGCCTTCAAGCA  
TCATTGCCAAAGCTGTCATTGAGGTCTTGGCCCCAACGATTGCGAAGCCAGCGG  
TGCTGTGGATCAGTGAATCGGGCAACAAAGGTGGCTCGAGACGATGCGTTGATG  
AAAGCACTCGGGCTAAAATCGATCCATCAAAATGCTCCGATATCATTGGTG  
GACTTGGATCCTGGTCATCGACCTCGATTGACCTGCTGTGGTTTGAGGTCG  
TCGCAACCGATGGTCCCATTACCATGATCGAAAGGTGTCTCAATGTCTTGGCCC  
TAGAAGCTGGTTTCAGCGAGAAGGGATTGGCATTCTCACCGCCTACCATGATCGCG  
GAACATCGGTTTAGGAAGGGCGTTCCGAGCTGCTGGGGCTTATGCTTGG  
GTGCTTCAGAGCCAAACCACCTGATAGAGTTCCCGACGGTGAGCCATGGAAACTT  
CTGACAGGGAGGGTGAATCGAATGCAAGGGTGTAAAGGTATTAACGTGGTCGATG  
TGACTGAAGACCAGGAACCTAAAGCCAAGCTTATCCGTCAGAGCGAGATCGTCTT  
ATGCGAATCTCATCGCGAGGAAGCTAGTGACGAACGATGGTCGGTGACTTGGGG  
GAAATCATCTTGACGCCCTGGAGTCGCGATCTGTTGGGGAGAGGCTAGCGTGGATT  
CGAGAAGACGCAGCGGGCAAGGCAGTTCACTGGCGCATTAGCATCGG  
CGTGAAGACCGTTAAGAGGAAGGTGCCGCCAGAGTTAACTACACCGCTCAGATCA

GCGCCAAGCACGGATGAGCCGTCGATCAATTCTTTCATGAGCTACGAGATTG  
CCGCACGAAAGATGTGGCTTGGGAGGGATTGATCGGGCGCAGTCCTGAAAGAG  
GCACGCTACTTCCAGGCTGGGAGGCTGTCATCAAAACTACGTCATTGACCAGGT  
CACGAGATATAAACATCGAGATTGGACTCCTGTTGACCCCTAGTCATGGTTGAGA  
TCTGTCGCTTAGGCATTGACCTTCATGGAAGAACGGCAGTCTGAATCTACTGCCGTT  
CTTCGACGGTGCTAAAGACGGCGAGTTGAAGTCGGATGGATCGCTCAATTGCTTCGCTTCGTCG  
CTCTCCATCAGTCTCTTGTGTTGGATGCGTCAATTGCTTCGCTTCGTCG  
TTACTTCCTGCAGTCGTTAGCCAGTTGATCAAGGACGTCAGTGGTCATTCTTGCT  
GCCGTCGGCTTGGTCTCAATCTTGTCCACCGGATTGCGCGGTTGGACCCAG  
CAGCGTCTCGGCAGCCTGCGAATTGAGTCGAGACCAGGGAGCTTCCTGTCG  
ATTGATGCAGCCTCGGTGGCTCGATCAAGGGTTGATGCTCTCCTGACGCGTCTC  
TTCACCTCTCGTTTCGTCATCCATTCTTATCCGTCCATGATGCTGTGATTGGAGAG  
GCTGAATCTAAGTGGACTCCTGCCAATGGCACCAAGCCCCTGCCAGTGGTCAA  
GCAAGAGCGCACCTAGGTGTCACTGCGTACACATGCGCAAAGGGCTCCGCCCT  
GAACCCCCAAGCGCCGAGGGCGCTGCGAAAATCAAAGCCGAGGCATAAACCAAG  
CAACCCCCACTGTTCGGAGTCGCCCTCATGGCCATCTACCACGCCAACGTAAAAA  
CCTTCAGTCGCGCCAAAGGACATTGTCATCGCTGCCAGACTACCGCCGTCGACGGC  
TGCTGTCGAGGACGCGCTCACCGGCTGCGCACGACTACCGCCGTCGACGGC  
GTGGTCGAAACCGCCTGATGCCCGGCGAGGCGGAGAGCGTCAAGATTGACGGTCA  
CGCCCTGCGCCGGCGGCGAGGCGGAGAGCGTCAAGATTGACGGTCA  
CGCGCAGTTGAGTCGCTGCCGACGAACCTCGATGACCTCAGCGGTCCGACC  
TGGCCGTGGAAGTCACCGTGCCTCGTCGGCTACGGGTTGCGGCCAACGCCA  
GCATCCACAGCCCAGGCAGCAAGGACGGCCTGAACCTGGCACGTCCACGTCCTGGCG  
ACGACCCGGCGCATGGTCCGTACGGTCTCACGGACAAAACCAAGGAACGGTGG  
CGGGCCCTCGGACGTGCAAGTGCAATGGGTGCGCGAACATCGCCTCCACCA  
TCAACGCCCATCTGAGAAGGCCGCGCTTGAGCTCGCGTGGACCATCGCAGCCTAG  
CCGCTCAGGCCGACGATGCTTGGCGCGCGACCTGGCCGGCTGCCATCCTGT  
C

>CONTIG\_17\_length\_13471\_cov\_4.770758

TTGGTCATGCTGACATTGCCGCGCTGCCCGGCAGGCAGTGGTCAATTGAGAAAAT  
TGTGCTGGCGTGAATCTCCATGCTCAATAGTTAATCGCTGGGCCATTAGTGTAAAC  
AGGCCCTAGTTGGCTGAAATTGCTGCTAGGCCCTCCACTGCGATTACGAATCA  
CATCAGCCTTCACTGCCGGCGAGTGACGCCATACGGCATATACGACGGTATCG  
AGCGGCTCGTCCCGGCCCTCGGCTGATCCAGTACCCGATTCTTGTGTA  
AACTCCACCGTAAGGCCCTGTAGTACGCCGGCAGCAGCGGCCGGATCTGGATTA  
ATTGGATCCGGCACCTCATCACCACGGCCCTGGGAAGCGCAGCATGCGCGCCGT  
CAGATCCTCTGCCCTGTCCTCCGCCCTGGCCTGTCCTTGCGCTCAGCGCAGCGCTC  
AGCCAGCCGTAGACCATCGTTGAGCACTGAGGGTCCCACGCCAGACACCTAC  
GCTGCGTGCACCCTGCGTGTGCGGGTTGACCTGGCTTGGCGGGCGATACAC  
CGCGCGCTCCGACTTGCCTGCGACCGATCAGGTAAACCGTCTGCTTGAT

ATAGCCGTTATGCGTTCCACGATGCGCGCCTGCCGCTCTGGTTGACCAGCTGCTT  
CACGAACTGCGCCACTGTCTCGGTCCAGTTGCCCATCTAGCGCTACGGCGGTGAT  
CGGCATATCGACGCCGCGCGTGGTCTTCCACGTGCCTCGCAGGTACTCGTCCAGCGC  
CGGGTAGGTGTCGAGGATGGTCGGATCAAGATCGATACCGCATAGTCCACGACCC  
AGCGGCCTGGCCGACCGGTGGCAATAACCTGGATCTCGGCCGGTGTGCTGG  
AAGTCCACGCCGCTGTCAAGCACCAGGCCAGCGAACGACGCCGATGCAC  
GCCAGGCTGCCAGCTTGGCACCTCGTCTGCGTCCTGTTCTGGCGCTGCCCGC  
GAATGGCAGGCCAGCTTGAGGTTGTGGAAGCCGGCTGCCCTGTTGGGTACGGTC  
GGCCTCGGCCTTGCATCGGCCAGGCCTTCCACGACGCCAAGGCCAACGGTGC  
ATATGCGGCCACCGTGGTAGCTGCGGTGATACGGTCCGCATCGGGATTGGTC  
GCTTCCAGTACGCGGTGCCCGTGCCAACGCTCGGCAAACATCAGATCCTTGTGGT  
GCTCCTCGATCACGCAGCCGCTGCCAGGCAGGCAAAGGTGCCGTCCGGCTGCAGC  
CGCTCTATGTCCAGCGTCTGCTGCCGCCAGTGCAGGGCACTGCACCATGTACACG  
CGCTGGTCGCCTGCCCGTGCCGCCAGTGCAGGGCAATGGTCC  
GTGCAGGCCGGTAGATCTTGGCGCGTGCACGACATGGCGCGCTTCCAG  
CTGCTGATCGGCCGCCCTGCCGCCGATATCTTGGGTATTGCTCCACCTCGTCC  
ATGAAGATGTAGCGCGGGTGCCTGGCGCAGCTGCTGGCCAGTTGCTCCAGATC  
ACCCACAACGTGCCGCCGGAAATGCTCTCAGCATGTTGTCGGTGTGAGCTG  
GCCAGCAGCTCCGGCATCTCCATACCGCCGGTCGAACCTCGACGCAGCCCAGCTA  
CGCGCCAGATCCTCACCGCTGCCACGATCATCGAGTCCCGCCGCCAGTC  
ACGTAGCCGGTCCAGTTGATGCCGATCTCGGTGCGCCGATCTGCGCAGACTCATG  
AAGTCCACCAAGCGACCGCGAGTGGTCGCTCAGGCAATCCATGATCTCGCGCAG  
GATCGGGTTGCCGCTTGTGCCACGGACCGGGCTGGCGCCGAACCTTGGCGAT  
GATGCGGTTGGCATCGGCCACTCGCTACGGTCTGCCGCCGGCAGCTGCAAG  
CGCGTCCCAGCGTCGCACACGATGTCGGCCGGCTCCGCCAGCTACGTCGAAGG  
CATTGAGATCCAGCGTCATTCCATTCCCTCGTTGGTGTGCGCATGCCAGGCC  
CGCCAGCAGCTGCCGCCAGTCTGCACTCGCTGGCGATCAGGCGCACCTCTGC  
ATCGAGCATCGCTTCGATCGCGCGTGGTCGCTCTCGGCCAGCTTGCAGCAG  
GCGGCCGGCAGATTCATGCTGTTGAGTGCCTGCCGACCAGGGTAACACCGC  
GCGCTCAACGCCCTGGTGCAGCAGCTCGCGACTCTCGCCAGCTCCAGCTC  
TGCCAACCGCGCCGCCAGCCGTTGCCAGCTCGCGCACGGCTCTGCACGCTGGC  
ATCACTCGGAGCGACGCGAGCCGTGGCACATCCAGGCGACGTCGGCGCAGCC  
TGCAGTCGCCGCCACGCAAGCGGGTCGGTGTGATGTCATCCAGCAGCGCATCG  
GCAACGTTGATGCGCTGCCATCGCGTGCATGACCAATTGCCAGCGGGCAG  
CGCGGGATGTACGAATCGCTGCAACCGCGGTGGCTGGAGTACTCGGCACGGAC  
GGTTCGGAACTCATGCCTGCACCTGAGTTCCGGCGAACCAAACCTCGGAACGA  
AAGATGCATGAAAAGTGGGTCCGAATTACCCGCAGACGGCAAGGTCCAGGAGGA  
CCCGCGCCACGGTCGCGCCGCCATCCGGCCACTACGGTCGCGGTGCTCCGCC  
GCCACTGCCACCTGCGCGACGATTCCGTGGAACACGACGCCACGCCGGCACGTC  
CAGACCGTCCGCACCTCTGCCCGAGGTCTGGACGGCCAACCTGGGATCATTG

AGGTGTCCAGACTGTCCACACTGTCCATACCTGTTGAGAGTTTGATTGATGGTGA  
AAAAGGGTCATGTACGTAGGCAGCGCGAAAGGTGTGGACGGTGTGGACGGCCTG  
CCGCAGTAGGCAGGGAGGTCTGGACACAGGTGTGGACAGGTGTGGACGTTGGCGCG  
AGGTCTGGTCAGAAGTCCGGTGCATCCGTCGCCCTGGCTGCCCTGCTCTCGGCTG  
GCGCCGGCCAGCCACTCGTCCACCGTCAGGCCAGCACGAAACCATCGCGGCTCTCG  
CCCACCGTCCGGCATGCCGTGGTGGTCTCCCAGCCCAGCGTCTGAGGATGGC  
GCCACGCGCATCTGCTCCGGCTGCCGTGCTGCCAGGGTCTAGCCGATGGCGTG  
CACCAAGGATCTCGTCGGTGGTGGCCAATCCACTTGGCTGCAGAGAACTTCAGGCG  
CGCCGGGTAGCGGTCTCGGCCATGCCGTGGTCTCCAGCCACTTCTCCACGCGCCCC  
CCAGCTGCGCCACGTAGCGCCGGCTGCTCCTCGGCTGCCCTGGCGGGCAGTTG  
CCACCATTGAAAGCCGCATCGAACATGTGCACCGCCTGGCCAAAGCTGCTCGCG  
CTGTACGCTGATCGCTCGATAAGCACCTCGCCATCGGTGCGCACAGGCAGGAAC  
GGCGGCCGCCGTTGGATCGCGCAGGTACTGGTGTGCTGGTGTGCCGGCGAAC  
ACGCACTCACGGCGATAGGAACCGCCACCGCCTCGTAGGGCGCTCTGAACCTGTC  
CACGCGCCGGGTGATGGCGTCTTGACGCTGGTACATCGGCTTGGAGAAGCTGTC  
CATCTCGCCGATCTCCACGCCAACGCGCCCTGGATGACCTGATAGAACGCTTGCC  
GCTGGCGACTCACTGGTCTCCACAAACCACTGGCTGCCAAGATGGCGCGAGCG  
CGCTGGACTTGCCTGCCCTGCTCGCCCTCCAGCACCAGCATGAAGTCCACCTGCG  
CACCGACCGACGGCTGCTGGCGTGAACACACAGCACACGTGCCACCGCACTCACC  
ATGAAACATTGCGCTGCGCCGGCTGTAGGCCAATCGGCCGACCGAACAGAGATT  
CACCAACATGCTTCCACCGCGCCGCTGCCATCCACTGCAGGCCGGTGGAGAAC  
GCGGATGGGATGGCGCCGGTAACGCCCTGGCCACCGCAATCACCGACTGAGCACCA  
GCTCGTCGCTGCACTTCATCGCGTACCGGTCCGGGTGCTGCAGCCACGCTGCAAGCT  
CGTATGCATCAGAACATCGATGAACCTCGCCGGCTACCGCCACGCCACGGCGGTCG  
CGTCCAGCTCACCTGGTGTGCTGAATCGTGGAGGCCACACAGCCCAGGCCAGCCGC  
TCGTCGTGCTCCATGATCAGGATCAAGTTGTGCAGCGTGCCTCGACGTTGGTGTG  
CGGTTGTACGTCAAGCTGCGCCTTCCAGGCGTCCGGGTGTGATCCCCACCGCCGGC  
GGTGCCGTGCCAGCCCACCGTCAACCACGGTAGCGTCTACGTTGGTCAATGTC  
ATCCCCGCTGCCCTTCGCAAGCGTTGCCGCTGCTGCAGGGAGTAGTCGTGCCGGC  
GCTGGCATCGCGCCGGTCTCGTATGGATTGCGTAGCGCTGCCAGCCAGGGCC  
GCCAATCGCGCCGGTGGTGGCGGTACGCCACAGGTGCCCTGCGTGGTGTAC  
TGCATGCCATTGCGCACCACGGTAGTTCGATCACCGCCGGCTGCCATGCCGAC  
AGCTGCCGTGGCGTCCAGCCGTGCGCTCCAGCGCATCGCAATGCCCAGCCGTCC  
GGCATGCCATCGGTATCGATCACCGCACGCTGCGCCCTGCGCGATTGCCAGC  
TGCAGCCAGGCCGGATGTAGTGGCCGGCATCGTTCGCCAGCCAGCATCGCCTG  
CGGCCTGCCCGTGGCGTCAGGCCACAACACCACGTTGCCACCTGGCCACGACGCG  
CCAGTCGGTCTGGGCCACCGCATTGCTGCCACCTGGCCACGACGCGACCGCATACCG  
CTCCCACCGGCCAGCGCCAGCCGGCACTTTGCCCTCCACCAACAACACGTC  
GGCATTGCCATTGGGCCAGGGCGTCCAGGCCAGGGTAGATTGGCCGGTGGGGA  
AATGCTGGATGCACCACTGGCGCTGCCGTCCGGCCCTACGCACCGTCACTGCG

GCGTCCACTTCTCACCTTGCCTGCTGGCGGTCCGTGAACTCAGCGCGCAGCACGT  
AGCCCAGCAGGCGGCCCTCGCTATCGCGGTAGGCCTGGCACGCACCACGCGCATG  
CGTCGCAGGCGCCCGCGCTGGGGTTCCAGATCGGCACCGTCCAGTCGTTGCCGGCC  
AGCAGGTCTGGCGCATCGTCAGGCACTGGCATCAGCGGACCCACGTACGTCGAG  
CGGTGCCTCTACATCCATGCGCACGTATCGCGCCTGGCGGAAGTCCTGCGCGCC  
CAGCTGCACGCACGCCTCGTGGAAATCGCAGCCGGTATGCCATCAAGAAGCAA  
TCACATCGTGGTGCCTGGCGCAGCCGAAGCAGTCACAAACCCCTCGCCGGAAATC  
ACCGTGAACGATGGCGAGGACTCGTTGTGAAAGGGCATAGGCCGCATATTCTTT  
CCGGCGCGCGCAATTGCACATAGCGCTCCACCACCGCCACCAGGTCCACCGTGGC  
CTTGAGCTGGTCCACATCAATCTGATTTGGCTATCGAGCCCCCTCCCCCTTCAACT  
GCTCGCGCCGGGCCTCGCCTCGTACTGCACCGCAAGTAATCGGCATGCGCACC  
CGGCAGCCAATGCCGCCGGTGCAAATCTGGTGTGTCAGCGCTCCGGCAGCGC  
ATCAACCGCAGCCTCCACTGCTGGCGGGCGCTTGGCGATGTCAGCGCCTTGGT  
GATGCAGCGGCTCACGCTATCGCTGCCGATCCAGCGGAGCGCGCCTGCGGGTT  
GTGATGCGCTTCGCTGCATGCGAACCGCTACGCTCGGCCAGTGCATCGTCGCC  
AGCCAAGCCCGGCATCGCTGTAGAGCAGCCGAGCGCTCTGCCACGTGCTGCT  
GTGCGGCTGGCTCAGGGTGCAGCGCATCTGCGGGCGCGATTGATGCCATGTCAT  
CCACGCTGCGGCTTGGCCGCTGCCGGCGCACGTTGCGCTCCAGGGGTGGCAC  
ATGGTGCGGATGGCCTGCAGCTCGACCATGAGGTGGCCTCCTGCAGTGACAG  
GTGCGCATCGTCCAGCGCCTCCAGCGCCACACCAGACAGGGGCCAGCGATGCTTGG  
CCACGTGCAGCAGCTGGCTGGATCGCTGCCACTTCATCCGGCCAGCGTGCCTCCG  
GCGCCGGCGCACGAAGTCATGCCAGCTCGAACCTGCGCCAGCGATTGAATC  
CAGCAGGTGGCCAGTGCCTGCCGGCGCTCAGCTCCTGCATCCACTCGTAAGCATC  
TCCGCCATCTCCATGGACAGCGACTCGCCCTCCAAACCGCGCAGCTTCTGCGCAGC  
GATTCCGCCGCGATCGTCTGCCGGCGCTCTGTCAGGTAGGGCGCAGCGCGCG  
ACATTGCCCGGCATCTGCGACACCGCGTTGTACAGCGCTCGGCCAGTAGATGTCT  
GAGCGTTGGCACGTATCGCGGCCACCCCTGAAACGGTGAGCAGTTCATCGTGGT  
ATGGCCTGGCTGGCCACGCACCATGTGCGTATGCACACCACCCATTCCCTGC  
GATTCACTGCCCTGCCGGCGTACGACTTGCACCGGCCAGCGCGATGTCGTCGCTG  
TCTTCTTCAGCACGCCACAAGCACCCGGTCAGGCCACAGCACGAAGTACTTCTG  
CGATAGGGAGCTCTCGAAAAACAGTACGATCTGCTGAACCTACGACCGACGTCAAG  
GATCATGGACATCACCTTATCACGAGCATCGCAAGCAGCCTGAAGGCAGCCAAAG  
ACGCTACCGAGGCAATGCTCTCGATTGAGATTCAACAAACACCGCCGCTGTATTG  
CCCCGATTAACGACCAAGCTCCTCAAGGCGCAGCAGGATCTGTTCTATATGGGGC  
AACTCCTTGAGTTGCAGGCCAGATGGCAAGAGATCGTGTGAGCTCTCCAAGCTTC  
AGGGAGCACTGGAGGAGCGCGGACGCTATTGCTTTGAGCTCTCCACTGGCGTT  
TTGTGTACCGATTCAACGATGCTCCAGCTGGAAAGCGATGGCAATCCAACCAACTCCAC  
AACCCGCTCCACTACCTCTGTCAGCCCTGCTTGACAAAGGGACGAAGAGTGTGTTGC  
AGCGGCTTCCGATATGGCGGATCAGCCTGGATTGCTCCATTGTAAGGCAAGAC  
ACCCACAGGTGAGGCAATACCCGACCTGCGTTCGAGTACCGGGGCCCTCAGTT

AGTTCTCAACCACATTGTTCTCCGGTACATAGAGAAGAGGCCAGCAAACCGCG  
CCGTCGCTCCATGAGCGTGGCCCCTCGTCGGCGGTAGGGACAGGTGGCGATGT  
CGCCGTTGTTGGATAGGCAGACCTACCAAGGTGGCGAGTCACCGGGCGCTCAGC  
GCGTCGTGAAGCGGTGTGACACGTCGGACATCAGGCCACCTTGTAGCGCCAGCA  
GCTTGGCCACCGACTCCGTAGCAAGAGGAGTCTTCTGCAAAGCAGTCGCTAGCCG  
AACCAACGCCGTGCCTATCTAAAAGCTACCGACCGCTGCCATGCTGATGCGATG  
GACAGTGGGTTGCGAAGTGCGACTTCTTGTGATGCGCAGTCAGACACCAGCCGGC  
CTCGACAAGTCTGAGTACGGCCTGCGTTGGAGTAGGTTGTTCATAGCACCCATCCT  
ATACACAAACGAATTGGCATGCAATACACAAACGATCTATGCGTGCACCAGTGGC  
GCCTGACAATTGGATATGAATCGATTGTCAGAAAATCTGCGCCGCTTGTGGCTAC  
TGAGTCTCTCAGCGAGAACCGAGCTCTCCAGAAATACAGGGGTTCCCCAACGACGA  
TCCATCGTGTCTCAGTGGCGAGTCTCTGACCCACGAGATGGGACGCTGCGCCCGC  
TCGCCGAGTACTTGGCCTGTCAGTCGAGGACCTCGAACGGAAACCTAACGAG  
AAGACAACGTGCCAAGCGACTCAATCACGAGCAAATTCCCGCTTACCGTGTAA  
ATCGGTGTTGGGAAGACGGCCTGGACCCAGACCGCGAAGTGGCGTTGCCGAGG  
TTGACGTGTTGGGTCTGCCGGCCTGGTTACGGATGCCGAGTTGTCGAAACCC  
GCTACCGCATGTCTTATCAGCTCTCATGGTTGCCAAGTGGCGCCAACCCGAGG  
ACGTTGAGTCATGCGCGTCACTGGCGACAGCATGGAGCGAACGCTTTGATGGT  
ACAGGATCGCGGTGAATATGCCGACAACAAGCACATCATAGACGGCGGGTTAT  
GTCTCGCCACAGGCGGACGGACCCGACGTAAAGATAAAACGTCTTCAAAAT  
GACAGACGGACGCCTACGTATCGTCAGCGATAACGACAGACAAGGCACTCT  
ACGAGATATTGGCCGAGAACAGGGTGGCAAATGTCTACATCGTCGGCAGAGTCATC  
GATCGAAGTGGCAGAGGGGGCTCTAGTGGCCGCTGCGAATCTGACCTAACGGAGG  
GAATATGGCTCTGTTCGTCAGCGAATCGGTAAGAAAATTAGTGATAAGGCGA  
GCAATTGTGTGGATGCCGGCCCGGTGCTTCACGCTCCTGTTGCCGACACACCCA  
CTTGGGACCGGGTACTGCCACACTAACGTTGAGGGAAAGTTACTAGTGTGGCTAG  
GCATCCCAGTGGCGCTTACGCTTCTGGCTGCCGCGCCATCCTCTCAAACA  
CGCCCGAAGGGGAGCAGCGGTCTCGCGAACGGCTAGCAATAGAACTGTGCGAAAA  
AGACTTAAGCCGGTGAAGGAAGATCCCAGATCTACGCCAGTACGGTGGCTTCG  
TCATGGACGCATGCGCGAAGATCGTAACGACTTCAGCACCAAATGGGCCGCTCC  
CCATAGGCATCCAATTGTTAACGTTACTGCATTCCAATTGTTATGCATTACTATG  
CCTGTCGGCGATTGCTGACGGCGACGGCGGGTCTGACTGACCCGCCGGCCCTCCT  
CCCTCTGCCGGTAGCAGGCCCTCCCTGGCTACTGACCCGCCGGCCCTCCT  
TCTTCGGAGAGAGCGCCATGTCGGAAATGCAGACCTTGAGCTCGAGGAGCTCACC  
GCCCGGGTTGCTGAGCGGCCACCGCGCCGCTGCCCTGCGCCTGTGCGGCC  
GCAGACCATGCCACGCAAGGGCTCAAGCGCCGGAATGTCGAAGGGTCCGAA  
GGCCTACCCAAAGCGTAGTGACCGCATCGAGCTCACTGGCTTGCGGGCCAGGTTGAC  
CCAGCCGCGACTTCGTTGAGTTGCGCGATGAGTGCTCTGCCGCCAGGTTGAC  
GCCTGAAGATCTGACAGCCGCGATCATCTGGCCGAAGACGCCATTGCGAGGATG  
CAAACACCCTCGCGACGCTCGCGATTACGCCCTGCGAGCTATGCCCTGCGCTTC

AAAAACGCATGCCAAGCGTAGGGAACAGGTAGCGCGCTTCGCTCCGCACTGGCA  
GAGGCGAGCGCCGCATGAGTGGCTTCCTCAGCCAACTTCGCTGGGCCGGCC  
AAGGCACGTTGCTACGCCTATGCATCAAGGGCAGCGCGTCAGCGCTGCAATGTAT  
GGCACTGACCGCAGCAGCGAGATTGCAGTGACGGTGTGCCCGTTGGTATGTGCG  
CCGCATGGAAGGCCTGCAACTCGGCCAGACCGCGTACACCGCCGGCATGGCG  
CGCTGCAGGCCATGTGCAATGGATGGCCGCGACGGCGCATCGGTGGCGGTGACG  
CCATGAGCAACCGCCGCTGGAAGCCTCTCCCCACCGGCCATGCCGGCCAGACGC  
TGGCGCTAATGATCTGCACCGACTGGATCTGGCTGGCCTGTACGACGGCAAGGTCA  
CTCCGTCGCTGGATGGCTGCGCCGTTGCACCGCGCTGCGTGCACCGCC  
GCCATCTGTGCATCGGCAGCGACACGTTCGACTGGCACCAACGCGTGTGCTGCGT  
CAACCGCCTGGCTGCGGAACACCGCGTGCACGTACAGGAGCCACGCGCATGAGCC  
GCACTTATCAGCGCCCTCGCCGTTGGCTGGACAGTCGTGGCGATCACCGCC  
TCTGTGTGCCGCTGCGCCTGGCGAACTCCACGCAGCGCATGCCGGCGCC  
ACGCACGTGGTGGATAGCGAGCAATGCCGCCCTCCCCACGTTGGCTAGCGCA  
GGCGGAGGACTGACATGCGCCAGGAAGCCATGCCGCTGCCGTCCACCGTTCCGCA  
TGCCAGCCGGGCCACCGCCCGCAGCTGGTTACCACCCATGGCGCACCGCACCGCTA  
CCGCATCGCGGGCCGGCGCCGACACGTTCCACATCGAGTGCTGCCGTCGGCA  
AGGCCACCGCGCCAAGCACCAACGCCGCGCTCACGAAAGCCGCTGGACCGAACCC  
ACCGGCCAGCACCGCATCCGTTGTCCCACCTGAGCCGTGCGCGAGCAGCTTT  
GCCAGCTGGCGCACGCCACGCCCTGATCGAGGTACCCATGCATCTACA  
ACCCAAAGCACAGGCCGCTCAAGGCCCTACGCCGCCAGGCCGACCC  
GCCGCACCCGCGCGCTTGCCTGCGCCATGCCGACAAGTGAAGACCAGCGCC  
GTGCAGATCCAGGCCTTACCGCCGCTGCATCAACTGGCTGACGAAGCCGGCTG  
GTGCAGTTCGACGACCCGAATTCCGAACGTCATCACCCCAACCGCGCGCT  
GCCTACGCCGAGCAACTGCTGCGCAACGAACCCGCTGCGCGTGGCAAGGCGGG  
GCAATGAGCGCCTCGCCCTCTACCGTCCGGCACAAAGACCGTGAACGGGCAA  
CTTGGCCAGCACCTCAAGGCCCTCGCAAACGTGGCGCAAGGTGCAGAAGCTGG  
GTGCCACGCCAGTGCAGAAGAGTCTGCGCGTGGAGGTCAACGATGCGCGCTA  
AGCAAGTCGGCAGGGACGCAACTGTGATTACGGCTGCGCACATTGCGCGCG  
ACGATGGCATCCGCTGGACGCCAGGCCAGGCCAACGGCGTCAAGGCCACACGCC  
GGGGATCAAGACTTGTGGCAAGGCACAGCCATCGCAATGCCGCGCGCG  
TCGCTACGATCTGCGCCCTGCCCGACCTCGATCGTGGCAATGGATGCGGCCGA  
TCGCGATGGTAGACGTAAGCGTTGGAGAACCACTCGGCTCTCAGGCTTGAACC  
TCCATCGCTCGACGCCGAATTCTCCGAGTAGCCGTGTGGCGGTCTGAGC  
GTTCTGTGTGGCATGGACGAGATGATTGCTCTGCCGCTTAAGACAGTGTGACTC  
GAGATCAGGATCTACGGACGCAATCGCTACAGCTTCCAGATGAGCTGGACTTCC  
TCTGGACTGGTTCTGTAATTCTGGGGTCAAGCTCCGCGATCAGGGCACGCC  
ACGACAGCCTGCCGTGCGCGTCTCGATCTCGCACGACCCGGCTTTCGAGC  
GTGGCGACAGGCTGCACCTGGTCACGGTACAGATGAAGGCAGTCGTGTTCCAGTG  
ACTATCGGCTGGCGCTGACTTGCATGGTGTGACCCGGAATTCAACGAGGTGGCC

ATGACTGCTGGCGCGCTAGGAGGGTTGAAGGCATGCCGCTGATTGTGCAACAGC  
GTTCCCGAAGAGAACTACCGGCCGTAGCCTAGCCGGTCCCGCGCGCCGACT  
TATTCGCTTGCCTCGTAGCGTAGACGCTGGCGTAGATACGCTCCAGCTCGTCTGCA  
CGCCGGCGACCGATGGTCGTTGCCTGCAGTCGCCAATAGAGGTCTCGGACCGT  
CCCGCATCAACGATCCAGTCGACCAAGCTGCGGGCTCTAAGGATGTAGGC  
GGTGGAACGCCACTCAGCACCAACCGATACTCCGAAGTGGTACGCGGAAATTG  
CGCGCCCTTCGATCACCCATTGCCACCGCCCCACGCCAGCTAACCGAGGAG  
CCTGCGTATGGACTATCGACGTCGCGTGCATCCGGCCATGCGGTGTGAAAAGA  
AGCGAATTTCTTTCACCCACGTCCAATGAGCGCATTGGTCGGTCAGCTTCCA  
ACTTGCTCATGCATCCCCCTCGGGAGCACCTCGGGCTGCTGACGAAATTGGCAA  
GGAGGTAGCTCGTGGCTGATGGGTCTTCTCTTCAACTTCCCCGCTCCGCAGGTCTC  
GTGCCTGCGCCGGCGAAATCGTGGTCGACCTATTGCCGGCGGCGGCGGCGCCA  
GTGAGGCGCTGAAGCAGCGCTGGCGTGCATCCGGCGTGGCCTACAACCACGAC  
GAGTGGCGATCGGCATGCACGCCAACCAACCGCTGACGATCCACCACCGTGA  
GGACATCTGGCACGCCGACCCCGCAAGGACGTCGAGGCCGCCCATTGGCTGGT  
TCCATGCCCTGCCGGACTGCACGCACTTCAGCCAAGCCAAGGGCGGCCAGCCGCG  
AGCCACAAGACGCCGGCGCTCTCATGGTCGCGCTTAAGTGGATGGCCAGCTGCT  
ACGCGCCGACTTGCAGACGGCACGAACACCGCGCCGCGCATCCTGCGCTGGAGA  
ACGTGTGGCAGATCCTGACCTGGGTCCGCTGGTGGCCAAGCGCTGCAAGGCACC  
GGCCGCGTCATGAAGATGGACGGCACCGTGGCGCGTGGCGAACACGTGCCGGT  
GGCGAACATCAGCAGCTGGGCCGACAAGGCCACGGCGGCCGACCTGGCGCCAGT  
TCGTCGCCGCGTGGAGTCGAAGGGTACCGCGTCGAGTGGCGAACAGCTGACCGCC  
ACGCACTCGGCCGGCACAGCCGAACGGCTTCCGCTGGCGCGAACACGTGCCG  
CGGTAGCCGATCGTGTGGCCGGCGACACACGGCACCGCGCCGGCATGCAGC  
CGCGCGTGCCTGCCGACTGCCGACTGCCGACTTCTCCATCCCCTGCCGCTCCATCTCAC  
CCGCAAGCGCCCGCTGGCAGATGCCACCCCTGCCGCGCATCGCAAAGGGCGTATGC  
GCCACGTGCTGCAGTCGGCTGATCCTTCATCGTGCCTGGCTACGCATCAGGGCTCGG  
ACGGGGTC

>CONTIG\_18\_length\_13392\_cov\_38.594271

CGAAGAGAAAGTGGCTTGTGCGTAATGATCTACTCTGCGACACAGTAGGGCTTCAT  
AGGCTGGTTAAAGCAGTCTCAATTGGATGCCAGGGATGCTGTTGAGGATATTCA  
ACGCTTGGCGAGCCATTCTCATGCTGCGCTCTAACATTGCTCAATCAGCTCCGCC  
TTGATTAAAACCTCTGCACCTTGCCGGTAGCTCTGCCAATCGTGTGACTTGCTG  
GCTTGTCTGGTCAATGGCTGTATTGGGTATGGATGCGGTTAGAACCTGCTGACTT  
GGTCTGTGGCCATTGGGATACGGTTGCCATAAAATGACGACTCTCCGCCGAGCA  
AAGCTTCCCTGCCCGTTCTCTTGCACGATCCGAAGCGCTGCTCATGACTGTGGC  
TGGCAGGCACATTATGGACTAGACGGCTTCCCGGGAAAGACTGGCACTCTTAAAA  
TTTGAGCAAAGCGTCGATCCGCTGGTGTACCTTCTCCAAGACCACAGCTCTG  
ATGGCGCTTGGCCTGGAAGAATTCCCCACGAGAGATGCGTTTCTGGCGCTCTGGT

GAGTGCCTGGCCTTCAAAATCGCCTGCTGAACGCATCTGCGCTGGACTCTC  
AGTGTTCGGTGGCCACTCGTCAACGCCGCCATGATGAGATGCGCATTGATG  
GTGGATGCGATCTCCCACGAAGGATCTCATCTCAGTGGCCCTGCCCTGCCTT  
GCATCTAACTCGGCACAGGCCGCTCCCTAGTCCATTGGCATCGACCTTCGGGCT  
GAGATGAGAAGATGCACATGATGATTGCGTTGGTCCCTTCGACCAGGTGAGTGA  
ACAGCCACCAGCACAGCAGCTGATAGCGATCGACGAGAAGCTGCCAAGTGAAAC  
CGCAAGCATTCTGCGCTGTGGAGCTTCTAAACTGTTGGCAAGGAAACTCGACTTC  
CCTCGCCACGCGAGCATTGCTCTCGTTCTGCTGCTCATTAATATCCAGAAGCTT  
CGAACATTGAGACACCATCTCGGTGCCCATCGGGAGCAAGCATTGTTGTGAAACA  
ACGCCCGATCTTCCCATTGGCTGCGTTGTGAGTTGTATCCGCAGATTGA  
TCCCTGCACGATAAGCGGCCGCCACTGATGATTGACCTTGCCACGACTAAACG  
ATTGATATTGACATGATAAATTGCCATTAATTCCGGTTGAGGTTGGTGTAGTG  
GGAATATCAAAGTGGCGAATTGCTTGTCCGTCTAGATGATAAGGACGATTGAAATT  
GGAGAGATACGTCACGGTGTGCCCCGTTATTCGCATGAGACCACGACTCATTG  
TCTCGTCAGAGACGGCTCTCATCGCAAAGCGATGCCACGGTTTGCAGCAA  
ATAACCATATGTGGGCCCTGACCTCTCTTTAGGTATTCTTGAGGAAATTAA  
GGTGTGAATTAAAACATATTGCAAGGGTGAAGATGTCCAACGCCAGGATCAAAT  
GAACATGAACAAAACCTGTACGGACAGGTATAATGTGATCCAAATGCCGAAATC  
AAGCGGCAAACAAAGACCGTCAATCACAACCAGAAGGCAGCTAAAAAAATGGAAT  
GGCTAAATTAAACAGGCAGATCGCTGGCTCCATCATCGCTTCTTAGC  
GGCTGTCTTGATGCTGGCGCTGGCTCTTACACCGATCAACACCGAGTCCT  
GCGATTATTATCAGCAAAGACGATATTGAAGACACGGTTATCGCAAGAATTGGC  
GGATCACTCCGCACTGCGGGATTGAAATGGCACATCAAATTACGTCAAACGCT  
TAAAGACGCTAAGGCTCATCGGCTTCCGGATTACACAATATCCGCTAAACT  
CATTGGCATCGGGCTGGCATTGATCTCAAAGCCATGTCATCCACCCAAAAG  
GGTCACCCCAAGTGGGGGTGATTACCATTTATCCCTTCGCGTCATTATTTT  
CTTGCCTCGTCTGGGTGATTGAAACAAAAGATAGCTGCTGGTTAGCCTGAAA  
GAGACAGGCACCGATTATATATCAGAAACTGAGGCAAAACGACAGGGTTTT  
TTCAAGCAGGAGCGATACTTAACTATCGATCAGTGCAAGAACACTGCCACAAA  
AAGTCATCCGCCACATTGACCCGAGAGATCTAAAATTCTTGCGAGGTGTGGA  
AAGACCCGCTTAAATCACATTAGCAAAGAAGTGCCTAGGCAAAATATGCG  
TCACTGCTGCCTCCGATCGCACTATGGTGCCTGGCTCTATACCGTATGTA  
GAGAGTTGATCTGCAAACAAACTCAAAGATCTTCTGAAGAGCGTCAGTTAGGCA  
CAAGCCAGTAGAAACGCATCGACACTTGAATGAAGCGATAGATGAGGAGGGAA  
CCCTCCTCATCTATACAAACGCTAAATCTTACTCGATAGGCCTCGGAGACGGACG  
CTGATATTGGAGAATGTTGAAAGCGAAGCTGCACGCTCGTCAGCAGCAACGCT  
CTCAACGCTACTCAACCCTCGAAGAGCAATGTCAGCAGATGCTTGCCTCTCCAA  
CAGATACGCCAAACGCAGATATGCGGCACTATCGATCAGATTTCATCCTAGTCTC  
GCTGGCATAGATATCCGACAATCCATAATACGAGTATAAGTTCCAGCAGATGCCGC  
ATTCCCTAAAATGCCAAGGCCCTCTGGAAGTGGCCACTCGTTGCCGTCTTCCA

TAAATGACAGTTGCCGCCTATTGCCCGCTGCGATTCTGCCCTCAACTGATCCAAC  
GTCAGTTGTCCAGTCGTGCAAGTTGACCTCAGTTGGATAGCCATTAGACAAAAGC  
CACTTGCCTCGGCATCCGAGTTAGCAACCAAAGGGCCACTGCCCTGCAAGCACTT  
CCGCCGCCTGACACAAATACTGCTGGCATCTGCACGCCGCTAGGCTGCGCAAGC  
TTGCCGTCTGCTGCGCTCCATCCACAGCTGCGCTGTGATCAGCTTGCAAGCGCA  
GAAGTCCCAGCCTGGGAAGCTGGCGAGTTGCTATTTCAGCTGGCTGTCGGTTTT  
CCACAGGCAGCAAGCGCCGGAAAGCAGCGCCATGGACAAGATCATTTCGCTT  
CATAGTTCTATCCATTATAGGCTGACTGATTTGCTGGAAATTGGTCCACCATGCTG  
AGCATGCACCACAGCGGATGTGACTTTCCATTACTCCGATTGAGTTGTCAGC  
TCCCTGAGCTTACTGCTCCTGGCACATAACTTTCAAGATTAACAGCATAGCGCTT  
GGACCAATCGATGAAAAACTGCACAAAATTCTGATCGTCTGCTTCAATATCAAG  
CGCTTCATGATTCGAAGCAATAACTCAGGAACGGTCAACTGGCCAGGAATTG  
ATACTTGCTAGACTCAATACTCTCCAACTCGCAGACTTGCTTACGTCCTCTGAAAA  
ATCTTGGTCGCGTCTTAAAAGACATACCGAGTTGCGTAATTGCCGCTGTTGT  
TTAAAACAAAGTCCATGCCATGCTGTCACATTGGTGCAGGCGGTCGTTCCAT  
TGGGGCCAAATGCCCTACCTTGCAGTAGCCAATGCCATCAGCACAGTAGATTG  
CATTAATGCTAGCCCCGGCAATTGCTTGGCGTAGGTCGCCAGATGGAAGCG  
GTATGGGTTGGACACATTGCAAGGCTTGGTGCCTCAAGTCGCGCAAACCACTT  
CCGGATCCTCTCCGCTACGCCGCCACCACATTGTCACCACCACTGCCCGGAT  
CTGGATAGTAAGGTGGTGCAGGATTTCATCGGAGGCGGGATATAGGGAGGTGGA  
ACTTCGACAGGCGGCATCGTCGTGGTCCCCTCGGTGTCGCTGATGCCAACGGC  
GATAAGACGCTTGCACCCGGCTAGCACCAATGTCAGATAAATGGTCGCTGATC  
GCAGCTTGAGCTGCTTAGGCTTGCCTGCGACTCATTCAATTCTAACTATCC  
TTATTAAATAGAGCGATCAATTCCGATAATCAGGATTCAAGCTGGCTGAGTAAAAT  
ATCCCCCTGTTCTGTTCCAAAAGCGCCGGTAGACGCCCTATAATTTCGAGCAAGT  
GCTGGACTGCATGCATTTCGCCAGCACAAAGCGTTCTACGGATAACATCCGTAT  
GAAAGAAGTGACCACAACGCTCTGGATCTAAACCGCTGATGCTAAGTCAGAAAT  
CCTTTCAAGATCAATTGATTGATCCAACCACGCCCTTGAATTACTGAAATTTCGA  
CTTGTGCAATCAAGGATGCCCTGCATCCAGGTTGACCTGTTGCTGTTGGCAAAG  
ATCAGGCAATGCGCAATATAAGCGGATAAAGATTGATAGCGTCCAGAAAGATT  
GATCAAGAGGGTGCAGGTCACCCGTCCATTGGTGTCACTGAGCGGATGGATAACAGA  
TCATCTGATACGCAATGGCTCGAAAAATGCGCAGTTGACCGGCTGGTGCTTGC  
CTTGTAGCAAATCTCAAGGTTTCAAAAGAGAAGGCAGTTGATCTGCCCTGCGTA  
AAACAAGCCACGCTTCAGAAGGTTCTTACCAACCCATGCATTATCTGTGCGAC  
TTCTGACTGGCTATTGCCAAATTGGCAAATTAAATGACCAATTAAAACACC  
ATGCGTATCTGGAAGTCCTGCTTGAGGGACGCATTGATGGCTGACGCCCGTGTG  
ACTTGCCCTCAAATCAGGAATGGCAGAGAACTTCCAACCCCTCTGCATACGTGAAT  
TAACCGGAAAGACAGGGCTGAAAGGTAGCCGACGCATTGAGCATCTGACTCAAAGC  
GTTGGTAATCCTCTATTTCACGTGTTGCAAGTGGTGGCTTAACAAACGCTGGCGT  
ATAGACCGAAAACGATGCATCGAGCCAAACAGAAGCATCAGGCGCATCGCGTC

CTGGAAAGTGGCGCAAAGGCCAATCAAGCGGCGCTAACTCAAAATTCCATCCATA  
AAATTTCGACGCACTGACGGAGCCCAGGCAACATGCCCTGACAACATGTCAAAGC  
AAGGCAAAATCACACGAAAAGTGATGAGCGTCACACAAATCATCAAAACTCGATG  
ATTATCAGAAAACCCCTACAGCCACTGCGCACTTCACGGACAAACGTGATGCCAGTT  
GACGCACACGATTGTCTCGGAACGAGACTTGATATCAGCCAAACGATCTGTCGTTG  
CTCATCAAACGAAGGCTTACCCAATGCTTGATTGGCTCGCAAGCTGACTCTGC  
GCTATTTACCAACTGACAATGAAGGGAGGCTGCTTATAAAAGAAGCTGGTTATAA  
AAGGAGATACCCATGAAGAAAATGATACAAATCATCAAAGAAGACTGGCGCTACAT  
TGTCTCCTCATAGCATAACGCCTATATGGTAAGCAGATTAAGTTCTCAGTCATGA  
GGAACGACCAAAATTCAAATAGACTTCAAAAATAATGGAAAGTTACGGTAATT  
CTTATCGCTTCGGAGACTTTCTTGGATTCTATGGTCCCCGTTGGGATTATCG  
CAGCTCTCTATTGTAATAGCTTGCATATTGGGGCTATTTCGATAGAACTA  
AGGGATTTTCAAAAATCTGACGAATCAAGTCGATATGTCCGTTCCAAAGTAGCCG  
AGCCACCACACTGTATAGCCTAAGTAGACGAAGAGTAATAGCAACGCAAAGGACAT  
CGCGATTTTATTAATAACGGCTATTGCTCTTTATCTTTTACCTAACGCGATGCA  
AAAAACACTGCAGCCAAGCCAACCCCTGGCGGGAAATATCATTGCAACGCAATGTTCA  
GAUTGCTTTATAGAGAATGAAAAAAACTAAACCGACGCATATCGCAACGG  
TATCGAATAGAGTAAAGCACCAGACTGAAAGGATTCTCCAAATTCAACAATTGAC  
CGTTGCAGGGCCTCTCAGAAAAATAACCTGCGCCGCCAGCAAACGCGGCTAATG  
CGGGGGATATGTAAGCCAATATTCAAAGTAGTCAGCCGTTCTGAAAATTGGG  
AGGCCAATGATGACGAGAGCCAAAACCAAGAACAAAAAGAACATGAAAGATCGATG  
GCTCAAATAGCGCAATGGCATGGATTCTACTGGCAAATTCTCGAGAGTTTAT  
ACGCTTTCGAGCGCAATTATCTGCTATTATTCAGCGTCCTTCTTGATATTCCC  
TTATAAGAGACAACGTACCTCACGGAAATTGCTTAGCAATGCTAAGAGTATCG  
AGGATCCAATATTAAAGACACTCGATAGTTGGACATCGTTGACCCGTGCGGC  
TTCCAACAAATTAAATTCTGCGATCAATCATGATCGCCTGAAATTGCTTCTTAG  
AAAAATATCCCTGAAATGCGCCAACATCAACTGCCGTTGCCCTTGATATCTGG  
AATAAAAGATAATCATCTGCCAGATCATCTCATCGTAAAGAGCGCAGGCAGG  
GGCAAACCTAGGGCGTCAGCAAGTCGTTGGCTGTGCGCAGATCGCACTCCCTCCC  
GCCCTTTCATAGCGGTTGATCCGAACCTCGGGCACGTCAACGCTTAGGCCTGCGGC  
GACGCCTAGCGCTTCTCGTCAGATTGGCGGCCAACCGGCTCGCGCAAGCGCTT  
GGCAAAGAGAAGACGGCGTCGGGAGTTCCAAAACGTGACCAAGGGCTGATGTCC  
TGAACGAGCATGAGGTCTCCTGCTGCCGCTGTTCCATTAGTAACATCATAT  
ACATCGACCATCAGCAGGGGAAGTCATGGCACGCCAGAGCACGAAGTAGCGGAG  
GAGATCCACAGGGCGCAGGTTAGGGCAGGCCGCTGCACAGCTACCCGGCCCT  
GCTCAGTCGAGGCTGGCGCATTGCCTATGTGGATGGCCGCTCCATCCTCCTGT  
CATTGGCTTCTTCTGATCATCCTTCGATCGTGCCTCATCCATGGCGTGTG  
GCCATCGCAAAGGCAACACCTCAGGAGGCTACGCCGGTCTGGCTGGCTGGCTT  
GGATCAACCGGGGTTGGCGTCTGGATGGGTGTCTGCCCTCTCTCGCTCT  
TTAATCAAGGAATGCGCATGTCTAAGGTTCGTGTACACCATTGGATTGATGGTT

GGCATTGGCTGCTCATCTGGCCATCTGAGTCCAAGGCTGAGGAAGCAATG  
CTTGCCTATGCCAAGGCCAATGGTCCGAAGATGCCAAGCTACCAGCTTAAGCTT  
GGGGAGTGTGAAATCTGATAATGGTGGCTACAACACTGCCCTGTTGAATCGCATATC  
GTTGCGATGGCGGCAATTGACCAAGATTCAAGGGTTTACCTTGCAAG  
ATCGACGGAAATACAAAGTGGTGGGACAGTGAGCCGACGTTAAAATAATTG  
CGAATAATTGTCAAAAGCCCCGCAAGGGCTTTGGAATCGCTGATCGAG  
GCATATTGGGAAGGGATAACCTCCACTGTTGAGGAATCAAGTCGGCAGCGCCA  
TCAACAGCGATTCTGCATGGACTCATGAATCATCTGACTGATGTTGATTCCGCA  
TTATAGATCTGACATGGCAAAAAACGACACCGACTGAGTATCATGTCACCAAGC  
CTCTCTTGGTAAAGAACGAGCGAGCAGCTGGACTGAAATGGTAGAAACAACTTAT  
AAAGTCCTCAGAGCCAACAATGTCGCCCCGCCAAGCGGGTAAAGCACCTATCCA  
ACTCTATGTCGATGGCCTGATTAGTGATAAAAGAGCTAACGCGCCTCTGAACGCTCG  
CGTTCTAAGTGATTGAAACAGCGAAAAACAATCACTAATCTATAGTGACCGAC  
CGTGATTTCGATTATAACTATTGAAACAGAGCGATTGCAAGGAGGAATCAAATG  
ACAGCACCAGAAATTACTACGAAAGATGGGTCTGAGCGCCAGCGCTTATTTGGA  
AGCAAAGGCAGTGTCAAATCGGACGGCTTGAAATAACTCCTAGGATCGAGAAC  
TGACCCAACTTACATCTCAGGCCAGATCGACTTGAGGATCTAGAAAACCTCTCA  
CTATCGATACGCTCCACTAAGCTGGAAAAATCATAGAATATGATGATTAATCAA  
ACGATGCCCAAACATCCACCCAGCCTATTAGGGACCAGTATGGTTATAAAATA  
AACCGAGCTAAATTGGCCTTTATTAAATTGCGCACTATTGACAGCACTCG  
ATGAGCTATTAGGTTGGCGGGAAAGGTGATGCATGAAAATAATCGGAAACGACGA  
CAGCCCTAAGCTCAACTCCGTTAACCGCGTTAGCGGGAAACATCGTCTGA  
AGGCCTGACTGTCGAAGGACCAATCGGGAAAGTATTCTAAAGTTCTCGACA  
AACTTGCCAGCAAGCAGAACATCTAACACTCAGCGTCTCCTGACGCCCTCTCCA  
GTTCTTGCTCCTCTAGAAGAACATTGAAAAATAAGGAAGACATCAAGCGG  
GAGCGAAAAGGATTAAGCGGCCATTGCCGTGACACACACACTTCAATATTGGC  
AAAGTGCAGGTTGGCAATATACCCGTCGCCAGATCAATCAAGATCACATCCGATCCAC  
GCTCGATAGCTCCGATGGTGGCCAAGTAACGCTAACGGAAAAAGGAATTCAAGGG  
GGTTGAGTGCACGTAAACATTAAACATTGGCAGAACCGCGTCCACCGGTGAAATTG  
CTGCAAGCACCTATAACAACCACTTGGCCCGTATCTGCGCGTTCTCAACCGACTTG  
CTGATATGGAAGTCATCGCAAGCTCTCCGTGCAAAGGTGTCATACCCGGGTCAATA  
CCTCCACAAAGCAATCCAATCGCAGACCAACTACGGCCTGCTGAACCTGCCAATT  
TTAACCCAGAGGAATTAAAAATGGTAAAACAGCGACCCGAGCGTTGGGGTT  
CCCCAGCTTGTATACAGGAGCGAGCCAATGAAATCGCTCAGCTCAACTA  
GCGGATATCGCAATTGCGATGGGATTAGCTGCATTGCCATTGCGTGCACCAATAAG  
GGTCAGACGGTAAAAATAATCTCGATACGCGTCACTCCCTGGCAAAACCAACTT  
ATCGACGCAGGATTTGACCTATGTGGAAGAAGTCAAAGCCACAGGGCACCGCG  
CCTATTCTCACTGGCAGCCGCCACACCTCTATCAAGGTGACGCTTACTATCG  
CGGTTATGGGAAAAGGTCAAGACTTTGCAAACGTCTAAAGAAATGGGAT  
TTGAAAAAGGCAGTGGAGTCATGCTTGCACCTCTCCACCAATCTGACCA

AACATGGGATTGGCGTTGCTGATATTGCATTGATCAGTCCTGGCACACCATCCAAGGGG  
CAAAGCCTGACAGCGTGAAGTCCCCGGCTGCAAACCTACATTGACCGGAACGAG  
TGCCCTCCTGAGCTCGAGCGATCTACGCAACCATTCCCAGTTCAATCCAGGCATT  
GAATTGCCTACCTACACGCCCTGGACAATTGCAAAAGCCTCTCAAAAAAAAACAAT  
TTCAAGAAATAAAAAGCCCCAGCATGTGGGGCTTGTCAACCAGGGTATTCGG  
GAACCTCTCGTCCGGGTGCTTGCCTCATTCTTATAAGCCGCTGATCCTCGTAA  
GCTGCAAAAGCACGTGGGGCCTACACGACCAGACCAAGTTCCGTGCTATGGGG  
AAGCCAATACTTAGGAGCCACTCCTGCGAGTGCCGGCTGCTTCTCGGGCGGCC  
AGATCCACCAACAGAACAGCCCCGAGCTGAGCTGCGAGATCTGCTTTGCTGGCGGT  
AAAGTGCTGGCGAAGCGGCTAACAGATCAGATACCTGATGGAAGGTGTTGATG  
CTTCTTGTCAATAAGCTTGGCTTCTCCTCTCGAGCTTTGAGCTCTCAGAAAG  
TCGGGCTTGGCAGAACGAAATGGAATCAAGGGTTGGCTGGACATTAGCAGGGTCT  
CAAAGGGATGCGCGAATTACCTTATGAAAAAAATAAGTTGAAGCTGGCAGCGA  
GCTATGCCAATAATTTCAGAACGCTGCAATCTTCGGTCTCGCTAGAGGCA  
ATTCTCGACATCTCCCATAGCGTCCCCCGTCATCCATAGTCCGCAACGTGGA  
AGTGCACATGCCATTGGTTGACGGGCATCGATTCCATTGTTCTGCCAACGGCTA  
TTCCAGGTCGGCCATAAGCCGATCGATCAGGCGCGCTGCTCTTACTGACAGGA  
TCAATGCTTGTGCTATTGTCCTCAAGATCCAAGATGGTAGGACAATGTTTAGCG  
GAATAACTAGCAAATGAGGCTTACCCGCTGTTCCCTGTCACAAGGGCGTCA  
TATCATCTCGGCACAATATGGTATAGGGCGATCCCCCTCAAATATGAGCAAATG  
CACAGGTTCATGTTCGGAAGCTCAATGCTGCTATTGTCATCAGAACCTCTCAAT  
GATGAAAGAACGCTGCAATTCAAGCCGATCAAGCTTTGAACACCTTAGGCGG  
AACAAACGATTGTTAGTTGATCAGACACCTCTTTGGATGCAAACACATAAGGA  
GAGAATAATTAACTGATCGAATCTGTGAGGAAGGATATTGAAATTCTGACGG  
CCCTCCTCCCCATGGTGTGATAGAAATCGGCTGGCAATTCCGAAGCGATCACTC  
ACTCCACAGGTCAAACAAAGCTTTGTCAAACTCTATCTGGAGCTGGCTGAATT  
ATTGCGATCCATCTCTGCATAAGCGGAGAAAAATAATTCTAGCTTGGTCTTGAC  
GACGGCAACGGTGCCTATTCTACGGACTGTCTGCCAGCTTAACCAGCGGATT  
GATAGGCACCTTGCTTCAAGTGTATTAAATCCTCATCAAGACGCTCGTAGTCC  
GCTCCATAAAGGCCTCAATCGCTGCCATAAGACTCTTCTCGATAATCTCCG  
GTATCTTAGTATCAAATGTGTTACATACACCTATGACCAAGTGATCTTGGTCA  
AAATGTCCCCCTTTATCTGATCTGGTTCTGGCGAGGAGTAATCGCATTCAAT  
TGGCGAGGCCAGGTAGAATAAAACCAATAATTACAGAACGAAACTACGGCCAAGA  
CAAATCCAATTCCCTAGCATCTCGAATGCTGGGGTAAAAAAGGAGCCATATCC  
TAATGGAAGCGACAATTGTCAGGACCGCAAAACACTTACAACATAGTGGCGC  
CAGAAGCGCCACGTTCATGTCTGTATCAACTCATGCATCTGGCACCTGCGCAT  
TAAAGTCCGAGATCCTCATAAACACTGCCAGTAATAGTGAGGCCCTTGCCTG  
TTGGCAGTATCTGACACATAGTCATCAAGCGCATACTGATAATCTGGCTGA  
AATGACACAGACATTGTTAGTAATCGGAATCTAAGAACGGCGGAAATAAAATT  
TCGGTCAATTTCGGTACCGTCCAAATTGCCACGACTACGGGAAGATCAAATT

TTAATTACTCAACTCATGCGCCAGAAAAGAAGTGCATCTCCTCCTTCTTC  
GCATTGGCACTGCCTAACAAAGACAATCTGTTAGCGTTTCAACCGCTACGTAAA  
TTCTTTAATCGCTCAGGCTCGTATCCGAGAAACGAAAAGATCGTAGCG  
TCGAAAAGTCAAAATCAATCTGCGTTATCCGCCACGCTCCATAAGTCGATAA  
AATTGATGTCCTCACTGGCGAAAGCGACGTAAGTTTATTCTGTAACTCATGCAA  
ATTCCTTTAGTCATGGGCCGGAGAAACGACTGGGATCTGCTCATATAGAACG  
TCGAGAGGACTTAAGTCTCGATGGGTCAAATCTTATGGACCAAGCCAGCAATTGA  
TTTCATTGACTTTGACAAGTGATTGACATCCAACCTCATGAACCAGTGGCACTGAA  
CCAAC TGATTGTTGATATCGAACATCCATGCCAAGACTCGACGATCTCTTAGCT  
CTTCGAGCCTCAGACAGCTCCCTTATGAATAATTTGGATATCGCTATTCAGCAT  
AAATCCAGGGTGTGACGTTGCGACTTTCAATCGTTGCTTGGTGTAGAGACG  
CGGGAGTGGTAAGAAAAAACAGCATTGCACTTGTGATCATCTCACTGATCGCC  
ATAGCCAACATCATGTGCACATGGCTGGTGAAAGATTCTCTTGATAGTCGTA  
ATATCCCCGCTCTCTGCAAGCAATATTGGTATCTATCTCTTAAGAAGTGCAG  
CACTATTCAAACACAGAACATCAATAATGCGGTGAGCCCAGATTCTCTGTAACC  
AACCTGCCAACCGGAACGCTTCATTCTCATCGTTATGGGAATGCGATATGAAGACAT  
CAGCCGTTACGGTCGGAACCATGCCTGCTAAGAGAGCTGCATCTAGTTCCAT  
CCTCGTTGAGGTAGGTATCTAAGGTGCTACTCACCACAGAGCTTGTGCTCGAA  
TAATTCTACCTCGCGACGTAAGGGCTCCGAAAGACTCCGAGAGACTCCTATCT  
GAAAACCTCGATGCATTTCCTCTGTTATGGCTCAGCCATCATCACTGCAAGCA  
ATCTACTACTGAACGTGATGTTAACTGAACAGATA CGAAATTAGTGTAGAAAAAGTCT  
GATGTCTATAGATGGCCAATGTGTCTACGGCCCTAGCGGTGAGGGTGCCTCAGAACG  
CTACAATGGCAGGACACCAACCAGGACAAGCGTCCGGTCTCGTCTCGGTTGAGA  
TCAAGGGTTAGAGCGGATTCATCCGTCTCCCTCTCCGCCAGTTATGATCCT  
GCAACCGCGATTGCCCTGGATCCAGGGCCACGCCAGTGGCCCACGTCTTATGGTGGCCC  
CGTCGGTCCCTCGCGAC

>CONTIG\_19\_length\_12909\_cov\_14.336254

CTACAACCCCAACCGTCGCCACGGTCAACTGGCGACCTGCCCCGTAGAGTTGA  
ACGGCGCTACGCGAACCGAGGGCTTGAGTGTCTACGGAACCCCTGGCGTATCATG  
CCGACAAGAACCGCAATCGCACACTGCCTGCCAACCCACCTGATTCAAAGATGG  
TGTTACGGCGCTTACCGTCAATGGCTGGCACCAGAACAAACTACCTACCGTCCA  
CCACCCCCGCTGCCATGAAGGCCCCGTTGACCACTCCGCCCTCCAGCAATACCG  
TCTTGGCTCCGAATTGTTAGCCAATACGTTAACACATCAGCCGGATTGACTGGAT  
CGCTATCCATAACGACATAAGACACCCCTCGTGCAGCCAGTTGCTGCCAAATGGCCAT  
CGTCGACGTCCGGCCGACCACCATCAGTAGGTGATGCCATCTAGCTCCAGACT  
CCCAGTGAAGCCTACCCCTTGGTCGATCACACGGCCAAGCGCTTGTACCCAG  
GCACGCGGTGAATGGCCGTGTCACGGCGGGCTCGTGTAGGGCTCAGCGTTCCC  
GTCGCAAACGGCTCCATTGTGATGCGACCGACGATGTAGGCCTCGGCATCAAATCC  
TTCTCGATCTGGTAGTAGAGCCCCGTCCACGTTCAAGGCTCGCCTCGGCCGGCTGG

CTCCACCTGCTCGGGTCAACCGCACCATCTAGTGGAGAGAGCATATTGCAGATCAC  
ATAGGGTTCATCCAACTAACCTGTGAAATGAAAGGGACACAACCAACTCCACAG  
CGTCAGGTATTCAAAGCTCATCTCTCCGAACCTTGAAAGTTGAGCACCATCAATCA  
CCTCCCTGCTTGCAGCATCCCCTGCAAGCGGGACCACCACTGCAGACATCGC  
AGGACGTTGAGGCTGCTTATTGTCGATACCTGTCGAGTAGTAAGCGCGTCCCAA  
CTTGCAGCAAGCGATTGCCAGGGAGCTGACCAACCGATACTGCCATGCC  
CAACCAGGATGAGCACGAAAGTGCCGCTGCCAACAAATGGTGTCCCTCCCGAAGTG  
TTTCCGAAGATCTTGTGATGGCTACGTAGATCACTGGAATGTTGAGCAAATACATCGAG  
AAGCTACATTCCCCACACATCGCAGCAGCCATTACCGAGCAAGCGCTGCTAAA  
ACTTGTATCGAATGAAAACACAAAAATAACGCACCTGCAAACACAGAGCAGGAAGG  
AGATCCAGATAGAACTCACGCTGGATCCAAAGTCCATGTGAAAGCTGTCAGTCAC  
AACCAAGCGCAATCAACACCAAGCGCCAACCCCTGCAGGCAGCTGAAAGTTCAAGC  
CAACACCAGCGGCAGCATGGCTGCGCACTAAACCGAAGACCACGCCACGAAAAAA  
ATAGTGAATCTTGGAGCCAACAAAGGTTCCCGCAATGAACCCGATAAGCTATT  
GTGTAAAGATCACAACCAGTGCAAGCACCAATGGAGCTGCGTCCCTGACTTCCA  
AAGGTCCATAGCGCCAGCCATAGACCCAGGAAGACAATATAGAACTGAACCTCAGG  
AGGAATGCTCAAAGCGGGAGACGTTGCCTGAAAATGCAAGATGCCGAGCAAGGT  
TCTGATGCGTATCGCATAGATGAAATTGAGTCACAAAGGTTAGATCAAGTAG  
GAGATCAAGACGACTGTCAGGTAGGCCGGTGAATACTGAGAAACGAGCGACCCC  
GTAGCGAATGGCAGCCAGTAGTTGAATGGTTATGCCATACAAGAACGCCATTA  
AAAATCCGCTCAGGGTAAAAACACCATGACCCCTATCTGCCCGATGCAGGGGA  
CTGATGGCGAAGAACCGATCCTCAGCAAGATGTGCATACACCACAGCAAAGCGGC  
TATTCCCGAATGCCGGTGAATCGATTGTTCTTCACTCATAAAAATTATC  
TCCTAGAGAGGCTGTCGAACGCATCGTGCACACAGAGCCACGCCCGCGCGTA  
AAAAACCGCAGATTGTTGGAGGATTCGCACCCATGCGCAGCGGAGCGGTTGCGGAC  
TCTACAGCAAGAAATTGGCCAGTGTGCAATCCGAAACTCATGAATTGCCCTCATA  
ACACCTATCGCGAATTCCGAGATTGATGGCCTTGCTGTCTTAGAATTGCACT  
CAGGTATGTAGATAGGCGCAGCAGCAATTGAGCTTGCAGCAGGAGCTTATC  
TCGGCTGCTTATCTGACTATTCGCAGGCTCGCAACGACAAAGATCTGATGAACT  
GATCGCACCATGTGCTTGAAGCTATTCACCTCATTGGCATCAGCAGGCGCTGAGCC  
TGAACGATATGGAGGGCTCGAACAGCGTTACAAAAGCTGCGTTCATGGCGAC  
CGCGCCCCCGAGACCTTATGCCGCCATGACATGGCGCAGACCTGGGACAAG  
CTCTCGGCCGGCGCTGGCGCACACCACTCCATCAGCGATCAAATGATGACCAG  
GATCAGGCCGATCGCTCAAATAACCGTTCAACTCACCAGAGAGGCGTGAAT  
TTCAGAGCCATGAAACTTATCGCGCTCGCATTACACATTATTGCCATAACTTCT  
TGCCAATCTCTTCAAGGCAAATCAAATGAAACGACGCAGGCACCGAACGACGTTG  
AAAGCGCTAGAAGACCGCGCTGAACCTAAAGCACTGTCGACACCTTCTCCAACCT  
GCCGACGGTAAAGAGATAGCCGAGCAAGCCCTCCTTCACTGCCAGATGCCGAGGT  
CGAGAGCTACTCGGTGACAGACTGGTTCAAAGCTTCACTGGCAGGGAGGAGATTG  
CAAAAGCCTTGGCGGTTACCTAACGCCAGTTGACGTTGTCTATCACATGAACGGGC

AGCAAACGTGAGCTGCAGGGAGACCATGCAACGGGCACCTCCTACTGTCTGGTTG  
TGCTCATCGGCACGAGGGACGGCAAGCAGACGGTGAACACCAGTGGCGTCATCTAC  
CACGATGTTACGTGCAACGAATGGTGGCTGGCTATTCAAAGAGAACCTCCCGC  
TTCACCTGGCAAGACAGTGAAGTGATCAGTTGAGATTCTTACACGGAAGAAATGA  
TCGCGCCCTATCTGAACATCACAACTAGGCACATTGAAGTGCTAGTTGGTT  
CGAATGCTGACAATAGATTCAAGGGACCGGCCGTGGCTCATCACTGAAGGTAAG  
AAAAGCATGGCAGGCAAGGTTGCAGTGGTACCGGAGCAAGCCGGGCTGGTCG  
AGGCGTCGCCAGAGCACTTGGCAATGCCGGCTCAAGGTCTACGTGACAGGCCGCA  
CTAAGGCGGATCTTACGCAGCGGAGATGAGGTACCGGACGTTGGAGGCAAGGGA  
GTTGCGGTCTCTGCGATCACGCCGACGACGATCAGTCAAAGAGCTCTCGATCAG  
GTCAAGGCCGATGATGGCGACTCGACATCCTCGTCAACAATGCCACCATCGTTAAC  
GCAGACACCTGGTTGCACCCGGTGCCTGGGAGAAGTCGCTGCCCTGGCCGAT  
ACGTTCAACGTGGGCTTCGCTCACCTACGTTCCCTTACTACGCTGCCCTCTCA  
TGATGCCACCGGGGAGCTTGATGCCAACATCTCCTACTATGGAGCCGTGCTCT  
ATCATTACGGCGCTGCTTATGGTCAACCAAAGCCGGACCGACAAGATGAGTTCG  
ACATGGCTATCGATCTGCGCGAGCACGATGTGGCGTGGTCCATTGCCAGGCC  
CGCTCCTTACCGAAGCCGTCAAGTCACCCCTCCGAATACATGACTCCTGAACCTCG  
CCCTCCAGATCGTGAATTGAGAGCCCTGAATTACCGGACTGGTATCGAGCGTC  
TGTGGCAAGACCCAGCGGAATGAAAAACTCCGGCCAGAGCCTGATCTCAGCGGAA  
CTGGCCCTCGCTATGGATAAAAGACCTGGATGGAAAGCAGCCGAAGCTCTATAT  
CTCGACGCTGGGAAGCCCCGTCAATCGCTCATAGACTCCTCGACCTAAAGAGACG  
GTCAGCCTGCGCCCGCGAAGATTGGCGCCGGGAGATGCGGGCTGGCTGATCG  
GGAGCCGACTCCGACGTGATCCAGCCTGCCAGTCATCGAACTGGAACGTGCTTTC  
TCCATGTCATGCCGTGCGTGCCTGCCATTGACGATCGTTGATCGAGCGATG  
AACTTGTCCGAGCTCGGTCAATCCATACTCGACACTTCGCCGGCGTGTGAGT  
TTAGTTCTGCTGACAAGTCCGTCGCGCTCCAGCGTGCAGGGTTAGCGTCAGCATC  
CGTTGGAAATGTTCCAAGCCCTGGCTCGCGCACCTCACCAAATCGTTTCGG  
CCATCTGCCAAGGCAGCCATGACCGACAAACTCCAGCGATGCCGAGTCGAGCCAG  
CACCTCTCGGATCAGATGGCACTCACCTGTGAATAAGCTGAATTGACACGGGCAC  
CAAGGTCGATTGTGACGCTTGCAAAGGATATACCGATGTCATTGGGTATGCGCAT  
GGTGACGAGCTTGCAGACTGATTGATGCCACGTTCATGACCGTTAGCTCCGCA  
GTTGATTCCCTCCCTGATGGCGACTAAAGTCGTCGCTCAGCTCCCTGCCTGCC  
AAGCCGAGTTCTGCTCTGCTGAGCAACGGGGACCCAAAGTAGGCATCGAG  
GTCGTATGAAAGGTGAAGTTAACGAGATTGTGGTTCTGGATCAGGTTCCATT  
GGTCAAGCCATTGCAAGACGAGTCGGTGTGGAAGGACGGTCTATTGCAACACCT  
GACCAAGAACGCCCTTCGGCAGCCAAGGTGCTGCACGATGCAGGGTATGCAAC  
GCCACACAGCGTCACGTGTCATCTGCATATCCGTGGAGGCGCTGGTGGAGC  
ATGCTTTCACTGGAGCAATACGCCTGTCATCCATGCAGCAGCGTCTCACCAC  
CGCAGGCGTCACCATCCGTATTGAAGGTTGACCTGTATGAAACAGCGTTGGTCC  
TGGAAAGCATTGGCAGGCCATCTGAAAGGTGGCTCAGCCGTCGTATCGCATCTC

AATCCGGGCACCGCCTGCCTGCTCTGGATGCTGAGGCCAATAAGGCTTGGCATTAA  
CGCCTGTGGAGCAGCTGCTGGCCCTCCCTCCTGGAGCCGCACAACGTCTGGATC  
CGCTCCATGCCTACCAATTGGCAAAGCGTGCAAATTCTACGGGTATGGCTGAGG  
CAGTCGCTGGGAGCGCGCGAGCCCGTCAATGCCATCAGCCCTGGAATCGTC  
ATCACGCCCTGGCGAATGACGAGCTCGCTGGCCCTCGCGCGAGGGTTACCGCCG  
CATGATCAATCACTGCCCGCAAACGTGCAGGCACGCCTGACGAGGTGGCGGGAC  
TGGCAGCGCTGCTGATGGCGAGGAAGGCTCCTCATCACCGGGAGTGACTTCCTGA  
TGGATGGCGGTGTGACTGCCTCGTGGTTATGGCGATCTGCCAACTCCTAGACCG  
GGATGCGAAACCGCGCTCGCATCTTGAGTCGCTGAAAGTCCTCGGCCAACGC  
GAATCTGCCATGCTCTGCTTGAGCGACAAGAAGCAAGGCCATGTGGTTATGTA  
AAATGATTAATAGATCCTAGCGTCCCTACGGTCTATTACCTTCGAAAGACCGTAA  
GGTTCAATGCTCCATCGAACGGAGTGAGCGTGCATCGAGAATGGTTGGCAACT  
GATCGAAATAGCGGTGTCGACGTCTGGTCGAAGCCTGCATCAAGTCAGATCGATA  
AAATCGCCTGTCCCCTGCTCTGGCTGGCAAGAGCCAACCCAGCTTGATTGGG  
AAATGGGAGGTATCGTCCTGCCAGATACGCATCTGCTGGGGACGCTGCTTGA  
CCC CGAAGAAGCAATGCACGCCGCTTCCGAGGC GTT TGTCCACCCCTCGCGC  
TGACCCATCCC GACC ATCTTATGGACAGCAGGGCGTGGCACGC ACTGCTTCAATTGCCATA  
CCGAGCAATGCAGTGCAGTAGCGATGTGCTCGACTGCTCTCCAATTGCCATA  
ACGTGAGGCCAACAGATGAAGTCGAAACTCCAGCGGGCAACAATCCTATCGATCG  
CATGCGCATCGTGGGGCAGCCGACGCCATTGATGGCACCTCATCAGCGCATGGC  
GTGCAGCGCCATACGCTGCCGAGCGCCATGATGTGGCACCTCATCAGCGCATGGC  
TATGTGTTGGGTGCAAAGATTGCCAAAGGCACCATCCGGTCATCGATGCCAGCCA  
GGCACGCAAGGCTGCCGGGTATGCCATCGTCACCGCAGAGACTGCCGGCCCGC  
TGTCCAAGGGCAGCTCATCGATGCCGCCGTTAGCGGACCCGAGGTCCAGCAC  
TACCATCAGCGGTTGCCGGTTGCTCGTGCCTGTCACGGTTGATGCCGCGTACCG  
TCTCACCTGATCCGAGTTGACTATGCCGTATGCCGGCACCTTGACCTAGAGCTG  
GCCGGACACTCAGCGACCAGACCCGAGCAGATGCAGGACGCCGGTAGCGATT  
TTACGCAGCGTTGCTGCTGCCCTGTACGGTTGATGCCGCGTATAGCACGCCGA  
CCAAAGGCCACATGATGATGGAGGCCACACGCGACCATTGCTGACTGGTCCGATGGCA  
AGCTTCGATCTGGACATCCGTGCAGACGATCGACTGGCAAGGCCGACATTGCA  
GCCACCCGGTATCCCGAACGCCAGCGTCCATGTGAGCTGCCCTACATTGGAGGC  
GGCTCGGGGAAAGGCAACATCAATGCCGATGCGATCTGGCTGCCGCTGGCTCA  
AAGGCCGAGTCGCCCGTCAAGGTGGTTCTGACCGTGAGTTGATGGCAATAA  
CACGGTGCATCGCCTGCAACCATTCAACGGTTGCGTATTGCCGCGATCGACTGG  
CCGCATTGGCCATGCCAACGCCAGAGACCCCTAACGGCAATCTGCCCTGGCGGCTCGT  
TGAACCCCGGACCATCCAGACGCCCTCGCTATGCAGGGCAAACAGGATGACGG  
CGACCCGCTGGCGAGCTGATTACCTGAAGGCAGTCCATGAGAGGCCGG  
GAAGCGCCGGCATGATGGCGTTGGAAGGCCGATGGACGAGTTGGCGGTCAAGCT  
TGGAAATGGATCCCGTCAACTCGCATTGTAACGATACGCAGGTCGACCCCTAGCAA  
TCCCGATCGCCCCGTTCTCGCGCAAGCTGGTGAATGCTGAAGACGGCGCGG

AGCGTTTGGATGGCGAAGCGGCAAGCTAACCCGGACGCATGCGCGATGGTGAG  
TGGATGGTGGCATGGCGCCTCAGCGATACGAGGAGCACGCCACGCGAACATT  
CGCGCACGCCAGATTGGACGCTCCCGAACCGTCACCATCGAGACAGACATGA  
CGGATATCGGACCGGAGTTACACCATCCTGCGCAGACTGCGGCTGAAACCATG  
GGTGTACCTAGAAAAGATCGTCGTCGCTGGTGATTCTGACTTCCTGTGACC  
GTTGGCTCTGTTGGCAGCGCGGTGCCAGCACCTCGTCTGCTGTTTGAGCA  
TGTATGAAGCTGCGGGAAAGCCGTACGCAACGCCCTGGATTTCAGGACTCAACGGCT  
GACTTCTCTGACGGCATGTCAGCTCGCAGGACTGCGCGTGCCGCTGCAAGGGCGCT  
GCGCGACGGCGAGCTGGTCGTTGAGGACACCATCGAGTCGGCACAGAGCTGCC  
AAAGAAGCTGGTCAGGAAACCTCGCCGCTCACTTGTGAGGTGGCGTGCATGC  
GGTCACCGGGAGATACTGGTCCGTCGAATGCTGGCAGTCTGTGCCGAGGGCGCA  
TCCTCAATCCGAAAACAGCGCGCAGCCAAGTCATTGGCGCGATGACCATTGGGGTT  
GGCGCGGCCCTGACCGAAGAACTGGTGGTCGACAAGCGCCTGGCTTCTCGTCAA  
CCATGACCTGGCCAGCTACGAGGTCCCAGCGGATATTCCGCACCAGGAGG  
TCATCTTCTTGACGAAGTTGATGCCACGGTTCGCCGACCAAGGTGAAGGGTGTGG  
GCGAGCTCGGCCTGTCCGGTGTGGCAGCAGCGGTGGCCAACGCGGTCTACAACGCG  
ACTGGCATCCGTGTTCGCGACTATCCGATCACGCTTGAGAAAATCTTGCCTGGCTTGC  
CCGGCGATCGCTTAGCGGCCAACCAATTGTACGCCATGCCCTCCGATCCTATT  
GACGTTGCCCTGGACCGTGGATCGACACACTCTAGGAAAATCCAATGCCGAACA  
AAACGACACTGATCTGGCTCGCACACTGATCAGCCGACGCAGAACCTGGCTGCAG  
GAATGGCGGTGGCTGTGGCTGGCCCTGGTCCGGCGAACATGCCACCCACGGAAG  
CAGATGACGCCCGGCCACAGGTGGCTAGGCACCAGACGTTGGCGCTTGA  
GGTGTCCCGCTGGTTGGCGGAATGGTGTGACGGCGTCTACGGTCCACCGAA  
GGACCGCAAATCGATGATCAAGCTGGTCATGCTGCCCTCGACCAGGGCGTCACCAT  
GTTGACACCGCCGAGGCATACCCCAACGACAATGAAGCCCTGATGGAGAACCCA  
TCGCTCCATTCCGAGGGAGACGTCAAGGTGTCACCAAGTTGGTGGAACCTGGTC  
GAGAGCCCAATCGCACGGTAACAGCCGCCCCAGGTGGCTAGGCAGACGCTGAAAGAC  
GCGTCCCTAAAAAGCTCCGCACGGATGTCATCGATCTCTTCTACCAACACCGCGTT  
GATCCTGCGGTGCCATCGAACGACGTGGCAGGAACCGTGAAGACCTGATTGCCGA  
AGGCAAGGTGTTGCACTCGGATGTCGGAGGGCGAGCGCTGCCACCATCCGTG  
CGCATAACCGTCAGCCGGTCAGCGCGGTGAGAGCGAACACTCTTGCTCTGGAGA  
GGCCCAGAAGCGGAAGTGCTGCCCTGTGCGAGGAGCTGGCATCGCTTGTGCC  
CTTCACACCTTGGAGCCGGATTCTGGCCGGCCATCGACGACTAACGCAATT  
CGGCGGGGATGATTGCGTAACCGCATTCTCGACTGATGGAGCCGGCTGCCACGC  
GAACCTGGCTGTCATGCTGGCTGGGAATGGCGCAGCGGAAGGGCGCTACCG  
TCGCGCAGATCTCGCTGCTGGTGTGACGGCCAGCGCCGTGGATGTCCTGCCATCC  
CTGGCACACCAACTCGCGCATTGAAGGAAACGTGGCGCCGAGCGGTTCA  
TTCACTCCTCTGAACATCAGAGTTCAACACAGCGCTTCAAGATAAGGTCAA  
GGCGCCCGCTTCGCTGCCCTAGCACTGACAGGACTCTGAGGTCCACACTC  
TGCAGGCCGAGATCCACTTGGAAAGATGCCAACATAAGGGTCCCCGACGCATGTT

TGTCCCCAAAAAGCGTCTGGTGGCAGAGACAGGATCAACGATCAATCATTGCCA  
GTGACGCCTCTGGCAGCCGTGCCCTGGAACGTAATCCCTGCCGCCGTATCAA  
TGGACACCAGATCACTGGAATCCAACACACCAGGTCTGCTGCAGCCAAGTTCTCTCCA  
GCCGATGGAGCTCGTGGTGCCTGGATGGCACGATCCAAGGCCGTTGGCGAGC  
AACCAAGCCAGCGCAACTTGAGCGGGAGTAGCCCCCTCCCTGCCGCCACATCCTT  
AGAAGCTTAACAAGAGCAAATTGGCCTCCCTCGCAGCAGGAGCGAACCGAGGGAC  
CTGACTACGGTAATCAGTGGAACCGAAGGTGGTCTGTGCATCGATCTGCCGGTCAA  
AAATCCAGCGCCAAGGGACTGAAGGGACGAAGCCGATTCCAAGTTCTCGCACG  
TGGCAAGAAGCGCTGCTCCGGCTCGGCCACCACAGCGAATACTCGCTTGCAACG  
CCGTACCGGCTGCACAGCATGAGCCTTCGGATGGTCCGACACCTGCTCGGACA  
GCCCGAAGTGTTCACTTCCCTCGTCGATCAGCTCCTGACGGTGCCAGCGACAT  
CTTCGATCGGCACTTCGGGATCGACGCAGGTGTTGATAACAACAGGTCAATTGTCTCGA  
TGCCGAGCCGCTTGAGGGACGCTTCGGTGACGGCACGAATATGGTCCGGTGGCTGT  
TGACACCCCCAAGGCAGTTGCCGTATCGAGGTCAATATTCCAGCCAAACTGGTTG  
CGATGACGACATCGTCGCAATGCCATGAGATGGCTCGCAATCAGCAGTCTGTTAT  
CGAAGGGACCGTAGGCTCGGCCGTATCGAGCAGCGTCACTCCACGCTCCACGGCA  
GCTCGAACCAAGGCAATCATTCCCTGGCGTTGGTGCCGGACCATAACCGCAGTC  
ATGCTCATGAGCCCAGTCCAATTGCTGATACTCAAGGCCACTGCGGCCAACAGACT  
CGCTTCTCATTTCCTCCTTGATAACGGGGGTGCGGCTTCATCAGTGCCTG  
GACCGTCGCGCACGGCGCATTGATTGCTGGCTAGCCGTGCCGATGCTTGAGAA  
GCCAGATCGCTAACAGTCGAACCCACGCCCTCGCTGATGAGCAGAACGGTGC  
TGCATGCGCCGCATACCGACAAATGCGCGTAGCTAGCAAGAGCCGGCTTCAGGCC  
CGATGGCCGCACCTCTCGGACACACCTTAGCGCTAGCAAGCCAGGACTAGAACACG  
CTCAGCTGCTATCACTATTAGGCCGTGCATGAGTTGACAGAACGCAACAACTTT  
CCCGCGAACAGCAGCGATTCAAGTCGTGACGAAGTGATCAATGAGCAACTTCATT  
CCTGGGGACAGCTGCCGTGGCTCGAGTAGTAAAGGTGATGCCCGAAATGGCGG  
ACACCAATCCTTGAGAACAGTCGCACCAAGGTCCCGTCTCCAAGTGGCCTCACCTG  
ATCATCAAGCAGATACGCGATGCCGAGCCCCGAAACCGCCGCATCCACGATGAAGT  
CACGATTGTTGAGCACGAGTTGCCGTCCACTCTAACAGACTCAACTCCTGCCGT  
TTCCAAGTCCCACGCAAACAGGTTCCCATCGTCGGGAATCGGATGTTGATGCAGTT  
GTGCGCGCGAGATCTTCGGGACACGCGGGGTTCCATGCCGACGGAGATAGGCGC  
GAGACGCGACAACGCCATGGTGTAAAGGAGGGCGATCTGATCGATACCATGCCA  
GGAGCGACGCTTCTCCAAGCCTACGCCAGCATCGAACGCGTCCGCAACGATATCC  
CTCAGCGCGCCGTCCACGCTTAGCTGACCTCAGCTCGGATGATCTGGCTGAGC  
ACCTTCAGCTTGGCAAATGATGGCTTGGCCGATGCTCGGAACCTGATCCGG  
ATTGCTCCGCCAGGCAGTGGCGCAAGTCCTCAAGTGACTCAAGTGTTGAGTCGATG  
CTGCTCATCAGCGGGCGGACCTCTCCATCAACCGCTCACAGGCTCTGGCGTG  
ACCGCGCGCGTCTCGATTGAGAACAGGCGAATGCCGAGCTTGCCTCCAGACGACG  
CACGGTATGGCTGAGGGCAGACTGCGAGATGCCTATCTTGCAGAACGCTTCGTGAA  
GCTGCCCTCGTCCGCAATGACCAGCAGAGCGGATAGATCACTGATGTCTCGCGACG

CATGTCCAGTCCTGGTATTGAAGATTGAAAGCGTGCAGGCCACCCCTCCGGCAGA  
GGCGACTACTGATAAGACGACCTGGCAATTATAAGTTTTATCTGAACC GGTCGT  
TGCAATCAATTCTGGGGCAAGCAGCCTCGCGTCTCCCCGCCTCGCATGGAGCC  
CCAATGGGCTATGGATTAACATCCCTAACCTGCACACTAATTATTTCATGGCAAAGCTGA  
CCTATGCGCCC GCCATCCAAGCCTTACACACTCAATTATTTCATGGCAAAGCTGA  
TGTATTGACCCGTCGCAGCAAATCGTTGGATTAAACATGTCAGCAAGCGTTTCCTG  
AAAATAATATGATTGTAGTGATTGACCCAAGTGCACCGAGCACCTGACTTGGCAA  
CTCCGTAGCGTCGTGGATGGTTACGGCGGGCTTACCTGCTTGGAACTGAGCGCA  
CCAGAACGCTCAGCTCCGAGCTTGACAAAGAGATGCAACACCCCTGAAGAGGCAC  
TCACCTACATAGGCCTCGGCCAGGCGGGATGTCAGGAAGTTCTGAGCCGCGC  
ACTGTCGCCCTACGAAATTGAAACTCAGCTAGCCAAGGCCGAGCAACTCATTGTT  
GGCCGGGTCTTCATAGGCCTCCGATTCCAAGACCGGTAGCGCCAAGGCACAACAT  
CCTCAAGGAACGTGATTCGCGGCTCGTAGTGTGCCTAGCGATGCCAAGCTGCTCT  
TCAGGGCGCTCCCGTGAGCCTCGGCACGAACAGCCAGGGCCTACGGACCACCC  
GCTGGCACGCCGCTTCCCTACCAACGTTAGCTCAATCCGGCCAATGCTGGTCC  
CATGCCCGCAGCCGCCCCAAAAGCGATGGCGCCTTGCCCGTAGGTGATTCACAC  
AGGTGGCGGCC

>CONTIG\_20\_length\_12808\_cov\_161.138317

GCTGCCCGCTTGTGTCGATCTACGATCGCCC ACTGCGACGACACGTAGGCCGCA  
GCC CAGGCCATCCAGTCGGTCGACGGGCCACC CGTCGATCGGTGGCGGATCGCT  
GCTATCGATCGCCGGTGC CGCTGGTTGCAGCTTGGCGCTTGATTGCTGCGCTGCTG  
CTCGGGCTTCCCGAGCGAGCTGCATGACCGAGCACTAGCAGCGTCAGGCACAGCA  
CCAACAGTCGCGTCTGCGTGGCGAATCCACTGCTGCAGGTGCGTTGGGTACGGATG  
GATTGATCTCACGTGCGGCTCCTGAGCCTTGGCGCGCTGGATGCCCTCGGCA  
TTGACGCGCATGTCGATGGCATATTGATTCTGCGTGGCGCGCTCGACTTTATCG  
TCTCGCGAGCGACCGCAGGTGGTCTTGGTGTGGCGCTCGCTGCCGTTCCAGT  
AGATA CAGCCGCGATGCTGAGGATCATCAGGACGACCGCGCCGTAATGATGAGC  
TTGATCTGGGTATGGTGGGGTTCCAAAGTTCGTCCAGTACCCCTCATCTATCCA  
CTCCTGGCGCCCTCGGTATTGACAACCAGCCATCGGATAGTAGATCAGGCTT  
TGCCTCGTACCGACCAACGCCGTTGTTATCTGGGTAGATAGTCGCCACTC  
GGCGCGCTTCCAATCTGGTTCATCGGTGCGCGCTCGCATGTTGTGGCGGGACCACCAAAA  
CGCGATGGCTGTATTGCGATGCCACGGATCGGCGGGAGTCGCTCGGCCATT  
GTTCATGTGGGGGAGCCACGCGTGTGCTGTTGGGCTCCCGTGCAGGGACCT  
GCTGCAAACAGAACGACCAATTCCGAGCAAATTGAGCCATGATGACTATTAGATA  
TGTCAGCATCTCGCCTCGCTCGGGCCCTCGTAAATTCCAATGGTCCCGAACTGG  
CGGCGTTGAATTACGGGTTGACGGACATCACAGAACCTTGAAGAGAGTTGGGA  
AACGACAATCAGCAGCTCAACTGTGTAGTAACCAGCCACTACCACGGCGACCACTT  
GGCCTAGGAGCATCACAGCGCGACCAACGCTGCACGCGGCGACAGCCGACGGATC

GCTTGACGGTTACGCATCGAACGGCTCCATGCCAAGCTGCGTGGCGCACAGGCCGA  
GTGCGGCAAAGCGAACGACCCAAACGGCAATGACGCAGCCGCACAGGACGACTAG  
AGAATGATCGGTGAGAAACTGGAGCATTGTGGGTGTCCGGTTGAGTTGATGTGGGA  
ACTGTAACTAGATCGAAACAGGTTGTCAACAACATTTAACGTGCCGTCGCTGCA  
CGCTTCTCGGGCAGCTGATACCAGGGCCGTCGGCGCTCCGGCGGGACGACCTGACC  
CGCTGCGACCAGTTGCCGCACGATGGCTAGAAGTGCAGCGCGCTGCGCGCCGCG  
CCTGCGGAACGCCAAGTGCCTGGCACAGGTCGCCAAGGGTTGCGGGTTGGCGGCCG  
AGTCGTTCTAGGATCTGGCTTCATGGTTGCGACTGCCCTGCCGGCTTGGCCTCTG  
GTCGTTCATCATCGTCGTCATGTCCTGATCGTCGGTGTGAAGCTGTACGAGAC  
GTTGACCGAAACACGAAATCAGCTCACAGTCAGGGCACTCAAGCTCGTGTTCGC  
CTTCCTCGTACAAGGCCAGAGCTCGTGAGCTGAGATATCGATCGATTCCCCGCAAT  
GCGGGCACCGGGCGCCTCGCAACCCCCAGAACTCAAGACGGCCCAGTGATTCCCTCG  
GAGGCACGAAGCGCAGTAAAGTGCCTGCATGCACCATCCTCGCCGCTGCC  
GGCTGGGGGTGAGTGGCGAGTGTGGCGTCTCCGACCACCAAGTGTCTATACAGAGA  
GCCAGCGGACGCCGTATTTGCTCGTATGCTTGCGTTTCGTATCGTGTGA  
CTGCAACTACGCCAACCAACCATTGACGTTGCAATTGGTATTCCACCACCGGCACA  
GCAGCAGGTGCTGCCGGTGGGGTGGCGAGGGGGACCCCTACCACTCGT  
CTTGGCTTCAATGCATCTCCTCACCATCGCTGAGCCAGCATCCTCACCGCTGTAG  
TTCCCTCGGCTATTGCAGCCTGAGCAGGTCGAGTGCTCAATCGATCGGCC  
TGCAACTGTCCAGAATTGCCGATTGTTGCTTATCACGTACGCATCTGCTGCTCC  
TTCGTGGGGCGCTCGCGATTCAAGCGCTGCCGTGTTGCTCGATGTAGTAGCGC  
GCCGCTGCAGCCTCGCTACGTCGTCCTCGACAGCTCAAACCGAAGGCCAGGTCT  
GCCGGCACGTCGTGCTGATCGCGTGCCTGATGGTTGCCAGGTGTTCATCAATTAA  
CCTAAATCGGATCATACGTAGTTGGCAGAGTAGGGTCGCACAACCCATTATCGC  
AAAGCTCCTATCGTATATAAACCGCCGCTGTAACATTCAACAGCAATATGCT  
GTTCCGTCTCTCAACCGAGTAAACTGGATCTACCCAGTCTCGCCGCCGTCTTAA  
ACTCCACAACAAATTACGATGGTTATCTACTTCACCTAGCAAGTTCATCTGCGCC  
TCGGGCTTAGAGAGTGCTACGGAGTCGTTACACGATGTCAAGGTGAAATAACGAC  
GTTGTATGATCCGCCATCGTCGGGTGGTGTGGGTGCTGGCGCAACTGCGTTGCC  
CTTCTCGGTAGCCGATCGACGCGCACACCGCGTCAGCGTCTGTGCCGACGCT  
GCCAGGAGCTGGCTCCGCTGCCGGTCGCGATGACTGCTTGGCGCGTCCAGGCAAT  
CGAAGCCACTAGGAAGTACGCCAGTTGCCCACTGGTTGTTAGCGCCGAGCGTT  
CCCACACCGTGACGGTTGCCGTCGACCTGCATCGACGGCTTGTGCACCTGCACAT  
CGCCGCTGACGCCGTGCCAGCCAGCTGCCCTAACGCTCTGGCGCACCGTCTGTGCTT  
GGGCGGCCGCGGTGAGATGCACACGCCAGGATGCCAGCATGACGAGGACGAT  
GTTCCGATAGATTTCATGCCCTGGACTCCGGATTGGTGCAGTGGCCAGCGC  
TAGCCGGCGCCGTCTAACAGCTCCTCGACCATATGCTGTAGCCACTGTCGCGTC  
AGGTCAGTTCGGTCGAGGGTCGCGCCGTACTTGGCGCGCCGGCTGGTCGCGC  
GATCAACAGATCGATTAGGCCTGTGTGGGCCGACACTATAGGGCTTGAGATCA

AGCGCCGTACATTCGTATTGAGTACAAATTACTAGGC GGCTCGACACTGGAGTACT  
CAGTCTTCCATGTCGCATCGGCTTGTAAACACGTCGCACGCCAATGGTCTGATT CAT  
TCCTGAGCTCCTGATGGCAGATAGTCGCGCTGCCGGGTGAGGC GGAACACACCTC  
GCGAACACGTCGTAGGTGAGGACTTT CGGACGCCAGGCCTTCCGATAACC GG  
CACGACGCCAGTCGGACGCCGCA TAGCGCGCTCGAGGC GCTGCATT CGCGGCCA  
GCTTGGACAGCGTCCACGGTCGAGTGCAGGCAGCCCTGGCAAGTACTGGATCGCTT  
CGACGACGGTCATCAGCGGCTCGTTGGTGTGGCGTT CGGGGATCGTGTCA  
TTGAATCCTCTCCCACAGCTCGCCGTACCGTGCAGGCAGGCTGCCGACGTCCAT  
CTCGTCGAGCTTGTGAACGCCGTCGGGCGTCGAACGCCGTCAGCATGACGCTGTC  
TATGTCTGACGGTGCTCGCACCA TTGGTCTTGAAGAGTT CATTGTCTCGCTCTCA  
GTGAGTGGGTGTGGGTGTGGGTGTGGT CGGCCTCAGCGCCAGTAAGT GACGCCAT  
CATTACAGGTGTAGGCCGCTTGTCAAGGGGTCGAGGC GACGATTACAGAGGCCATTGC  
TACTGGTCCCCTAACCACGTCGCCAGACATACGACCTGTCACTTGCAGTCGTGCG  
CGGCTCGGA ACTCGGCCCATCGCGCTTCTCGGCATACATGCCGTTAATGCACAACG  
CGATCAAACCTACTAGTGC GGCGCCAGCAGAACGGC GACTACCGCAGGTGCGATG  
TTGTATAAAAAGTTT CACGTCTCGTCTCAGTGAGTGGGTGTGGGATTAGAATCC  
CACACC GTTACACAGTTGTA CACTACTTGTGCAGGAATTATCGCGCAGTTGCCA  
AACGGGCCGGAGATCACATTCCGTCTTCTCGCCGCTCGTCA GTCATGGCGATCCAA  
TCGGCTGGGGCCGGTACATCCGACAGCCTCTGGCATTCTCGCCTCGTCCAGTTG  
CGCGTCTGAGCCAGGCCACAGCGCGCGCTCGTAGCGGCGTCCAGACGGCGA  
GGCGTCCAGCGCGGTCCGAATGCCAGCGAGTCGGCAGTGCCCGCTCGCCACGA  
GCTTGGTGAGGATCGGCCAGTAGGTCTCGAGGTCCGACTTCACCGTGCCGATGC  
CCTGGCGCATTTGCTCGCGTTGTATGCCCTGACCAGCTCGGCA CGGAGCGCACCA  
ACTTGGTGACTCGGCCATCGTGGCGAGAACATCGCGCTTGGCCTCGGCCAGGATCT  
GCGGCAGCTCCGACACCCAGCCCAGAGGCCAAAGGTTCTCGCACATACCGGCATG  
AACCGGCTGTTGCCCTGTCTCGTGGTTGAGCTCGTCTTGGCCGTACCGAAC  
AGTGC GAACCGCGTGGGTGCGACTCTCGCGCTTGGCAGGCCATCGCCTCGCACAG  
GTCCTGCGTGTGGCGTCCATCGTTTACCTCCTCAGCGT CGCGCTTACCGAGGCC  
GACATTCGGCTAGCTCGGCCACCGGGCGCGCTGCCATCGACATCTTGCCT  
TCATCCGGAGTGAACCGCAGTCTCGGCCGGTGGCCAGGCCATCGCCTCGCACAG  
CGT GACGCCGAACAAGCCCTACCCAGGGCGCTGAGCTGACGCATCACGATGCCAGCGAAC  
CCGGGCACGGGGCGCCGGGCGTAGCTGACGCATCACGATGCCAGCGAACAGAG  
CTCGCGAGCACCGGT CAGCGCTCGCTGCCGGTGC GGCA TAGAGGT CGGTAAACA  
GCGTATCCAGGCGTGGACGTTGTCCCACACCGGTAGCGCTAGGATCGAGTCTTCC  
ACGGGTCGATCGGGTTGCTCGCGCCACAGTGTCCAGGGCTGTGTCCAGCGAGCCA  
GGAGAGACGTTGGACGCCAGGGCGCTACCGCGTCA CGCAGGCCACATGCCAGGCC  
TGGGGCGTCTGTCAACGTGCGTCTCGCGCAGACGTCGTAGGCTAAGGTGATGCC  
AGCCTCACGTGCCAGCAGCTTACGGCGAATATCAGATT ACCACGCTCGCGCTT  
CTTGTCCCGCGGGTCTGCCACTCCTCGATCGTGC CGCATAGGC GCTCGGCCAG  
CTCTAGCGGGTGTGACAGTTCCGTCGCGCTGCGCCGAACCGGAAGAACTCGCC

CAACTTGTGTGACCACAGCCAGGCTGCCGCATCGTACACACCTGCCGGCGCG  
CAGGTCGCCAGCGACAGGTCGTGCCCGTGGAGTCGAACGGATCGGCCAGCGCC  
GGCCCATCACCATCTAGCGCCTAAGGGCGTCGCACGTGCGCGTTGCTGTT  
CGCCGTGAACTCGAACACCAGCGGCCAGGACGGTGGAGCACCTGTCGCCAGT  
GCGCGCAGCGCCAGGACGCCAGCAGTCGCCGCTTCGCCGCCGCCAGCGC  
GTTAGCGCGGTGATAGTCAAGCGCAGCGCTTGGCTACCGCCTGGCATTCTT  
GGCGTTACGTACGCCGGTCTCGAAACGGCGCGTCGATCTTGTACGCCGGCAT  
CTCCTGCACGTCTATCCAGCCTCGTTAGTCGGTATTGGCGGGCGGCCGGCTAT  
ATCCGTGGCGCGCTAGCCACCGCTTCGGCGGGTACGACACGCTACGCCCTC  
ACCAAGTACAGGAGCGGCCCTCGAACATTAGGCGCAGGGCTGATAACATCGACGCAT  
CGGACAGCTACCGCTCAGCAGCGCTCCGACTTGGAGATGATGACCCGACCAACC  
CCTTAGCCCAGTACGATCTGCAATCGTCGGCGAGCGCTGGGATGTCTGTGCCG  
CGCGTCACCGCGAGATAGATGTACGCCCGCAGGCCCTGCCGCCAACGTAGGA  
CGAGGCAGACGGCGGGGACCGTACTGCTGGCGAGCCACGGTGAGGCGGGCTT  
CCAGCGCGTCCATCACCTGCCACGGTGCAGATAGATGCCCTGCCCGTCCACGT  
CGATGACGAACACGCGATGGCGAGTCGAGGTAGCGGAACGTTCTGGTGCAGCG  
ACCGCGTCCGGGTTGAACCTCGAGCCCGCGCTGGTCAGCGCGAATGCCGAC  
GTTTGGTACACCGCGGGTGTGGCTGCGCGGTAGCAGCTCGAGAACGTCGCG  
CAGCTCTGGCAGGTTGGGACGGTCATGACCTTGGCCAGTCCTGAGGTATGTGGC  
GATGGCCGAGCCGGTCGGCTGCCATCTTCAGGACGTAGGACTTAGCGAGCTCGCA  
AGAGGTGATGTGATCAGCGTAATCGAATGGGTTCCATGAGCCTGTCGTGTTGG  
TGCTCGGACGATCAGTTGCGCGGTACCGAATGCTTGTCCAGCAGCCAGAGCGT  
AACGGGCCGCTTGCAGCGTGCACGCCAGGAGATTGCCAGCATGTGGCGAGGCG  
CACCGCCTCGCTCGCGAAGGCACCGCTCCGACCGATAGCGCTAAATAGGTTGGCG  
CTATGTACTCCCCGGGAAAGTGCAGCGCTCCGAGCTGATCAAGGGAGATC  
AGTACAGGCGGGCGCTGGTACTGTAGGAACCTCCGCCGCTCCGATTGAAC  
TCTGCAGGCCAGGACTGCTCGTCTCGAACGATAACATCTACGTTGGTATTGTGTTGG  
GCCTCGTGTGGTTGGGTTGGACGTTAGGTTAGGCCGGTGCAACGTGCCAATAGA  
TTGCGCTGCCGTTGCGCGTGCAGCTGACCGTTGTCATGCCAGCAATGCCGCAAAT  
GTTCGCGCTCTGCCGTGTTGGGCTGCAGTGGCGAAAAGTCTGTGCAGCCGGTGT  
TGGTGTAGACCGGGGATTCCCGCAATGCCAACACTCCGTGATGGATATCT  
CGCCACTAGGGTGGTCATCATGTTGGGCTCGTGTGGATGAGCGTCAGTGTAGCG  
AAACGTTTACTTCTGTCAACACTCAATTGTTAAATCTGTGTGAGTACTCGGTTAC  
AAGGCTAAAAGTAAAACAAAAAGTACAAGGAGAAGTCAAAAACAAGAAAATAT  
TTTGTATTCTTATATTCCCTGTTAGCGCTATAGGAGGGTTGGGTTGATTGTTA  
CAGATGGTATCGTCTGAAACTAACGCAATGGACGCCAGCGTACGGCCTGGCGTAT  
CGTTACGCACATGGCAAACGACACGCTCGCATTGCAGGTAGCAGGCTGGGATCTCG  
ATCTAGACGATCGTGGCAATCTGCGCACGTTGGAGACGCAACCCAGGCGACAAC  
ACAGGGCCGGCATGCCGCTCGCTCAGGACGTGCGTCCCGCTTCGAGCCTGGCG  
CGCGAAGTGTGGTCGACACCGAGCAAGGGATCGACTATCCCGCCTACTTGGGCA

CCACGCCGTCGGTCGAGCTCGGGCCGACTACCAGGCCGAGGCCTTCGCGTAC  
CGCAGTGCACGACCGCACTGCCGACTTCGCCCTGGTCGCCGACCGCGCTGTCA  
CCGGTGCCTGTACCTATCCGACCTGTCTGGCTACGCCGCCAGGGTGCCTATGAC  
GCTGCGCACGATCCCAGTCGACCTACGCCAACAGTCGCTGTGCTGCGTGC  
AGATCGCAACGCTCTGTGACGCTGCCGACGCTGCAAGGCCATGTACGCCACG  
TCCTGTGCGACGGCGTACCGGTCTGCACGGGCCCTGCGTGCATGCCAGTCG  
TCACTGCCGCGAGTTACGTCGGCTTCCCCGAGCTGGTGTGCTGCTGCCGACT  
TGCAGGGCGCAAATGATCCCCAATGGCGGAACGGCACACGTTACGTGCTGCTG  
AGCGTCGAACCTGACGACACGTCAACGGACGCGACTGCAAACGCCACTCCGGTAGA  
GTCCGATTGTTCTACTCCGAACTGTGACGTACAACGGAAACACATTTCACAGG  
CATTCTCGCTGATTGGAAAGCCGCCCTTAACCAGTTGTGCCACGATGACGAGG  
CATTAACGACACAGCGGACCGTGCACTGACCAACATCCGATTAGCCTGCCGCCT  
GGCCTGAGATTCCGTTGATCGTCGAGACCGACCCGGTGTGGTCTCAACGGTC  
CGGCAAATCGACAAGCGATTGCCATCTCGCAGCGTATTAGTACGCCATGGCTGCG  
GTCGATATGGTGGCCGGCGTGGCACTCAGGCGAAGGCAGTGGCGATCAGGCCCT  
AGGCCTGGCAAGTAGCGCCGATGCCGTGCACTGGCCGCGCAATCCGCTGCCGCGA  
CCGCCGATACTGAAGGCGAGCACCGCACAAACCAACCGCAACGCAGGCTGACACTAAG  
GCTACCAGCGCGCAGACAACGACTGCGACCGCCGCAAGATAGAAGGCGACACAGGCCG  
ACACGAAGGCGACCGCGCGCAGACGACTGCAACTGCCGCGACCGACGCCA  
GACCGCAATGACGACGGCCGAGCAAAGACGACCCGCGTGTCCCTGGCACGATCA  
GTATCACCTACACCGCTGCGCTGCCCTAGGCGCTGGCGCCGTAGTGTGAGGCGA  
CATGCACTGGTGCCTCGCGTGGCGATGCGATCTCGTGTGCCCTGGCGCGTGC  
CGGACGGTTATGCCGTGGCTGGCGAGTGTCTGACCGCGACAAGATTGCGTGT  
CGATCGTACACCCGGCTCGTGTGCCGCAAACCTACGATTCCGGTGTGGCGT  
TTGCGTTGCGGTAATTGTTGACACGTAGCAACGGCGTGGCAGTCTTCACTTGGCG  
GTGTTGTCTGCGCCTGGTGGGTTGGCGGGTGGCGTTGTGGCGCCTGGCGCGT  
TTTATGGAAACCCATGCTCAAGTCTGCGATTTCAGTCTCAAGGCCAACGA  
CTTGCGACCCCTGACCGAACCTCCGCGCTCGTGCAGCGCTATGCCGTGCCG  
GCTCGCGGCTGTCGGCGCGCAGTCTCAGGCGCGTTGTCACTCGCCTCGAAC  
CGTCCAGTCGGTGTCAACTCGCGAGCCTGCCATCGAGCTGCTGCAGCCTTCGT  
GCAAACCGACAAGCGATCCACGGCTGGCGAACGTCTGGCTGCGAACAGGCTG  
CACTGCGTTGCATGTTGGTTCTGATGGCCGGCCGATCTGAGATCCCCGTCA  
GCATGCATGCCCGCGCATCGAGACCGGGCGCCGGCAGCTGGCTGTGCACTCTGTT  
CGCCGTGATTGCCACCGTGCTACACTCAGGGCGGCCAGCTATGGGAGTTAGAG  
ACCGTACTGAGCACCGAACGACGTGTTCAACTGGTTGAGCTGATCAACGTCGAACGC  
ATTCTGGACTGGCGCGCCCACCAATCCGCAAGGAAACCCACAATGAACGACGCACTA  
GACGACTCCCTGGACATCACCGCAACTGCCGGCGTACAATGGCAAGGTCTCCG  
CATTAGGAAGTCAACCCGATCGAGATGAGCGGCTTATGTTGCGTCTACTGCTGC  
GCTGCGTGCAGCAAGCAATGTCGATGCGCTGCTGGCTTCGTCACCCCCGCCACAGACGA  
TGACACCGATCCTGCGCTGGCAACATCTGCGTATGCTGATGGGCTGCGATCCGGA

TGCTGTGCACACCTTGGTGAAGGACGCGCTGCAGTACGTCAAAGTGAACCGTGATCC  
GAAGCACCCAATGCGTTCTTCCCGTGACCGTCTCCGACATCAAAGAACTGCCAC  
GCTTGGCCAGGTGCTGGGTGATTGGCCGCTGAACATTCTGCCGCGAGTGACC  
TCATGGCGCTGACGCTACCATCGATTCCGTCGCTGCCGTCCATCTGCTGCCAAGG  
TTACTTCGTTCGCGAAGAGTCCGGCGGGTGTGAACGGCATCTCGGTGTTGGCTA  
GCAACCTGCCAAGCTCAACCCGCGACGCCGATTACGAAATCGAACGCAGAG  
ACGTTATTCCGCTGGCCTGCCGGACTCGTGGCAAGAAGTGACGCCGCGGTTGGCC  
GAATATCAAGTCGCCGACTACCCTATCGAGGATGGCGCGTTCTGGCGTACAACAAG  
GTGCGTCGACCGATGAGCGTCGAGGCTGTCCTCATCAAAGAAGGCTGGATCTGGC  
ACGCGCACGTTGGCTAGAGGCATCCGGCAGCAGCTGGCGTCGATCCCCAGGCGC  
GCTACAACGTCATCACGCCGAACGGCTGTTCAACAGCATGACCATCACCGTCTGG  
ATTTTCAGACGCCAGGATAAGGGCAGCAACCTGCTCTACTTGAACATGCAAGTAA  
GCGAGGTGCTGCAGATCGCGCCGTCCATGCTGGCGGAATGTCGTGTCAGCC  
GAATCTGGCCCCTAGCTGCGGCTGGCCGGGTCTTCTCGTCCATCACTGACACTGCA  
ACCGCAGCCCTGCTCGTGCACGCGCTCCGGTCAACTCCGCTCTGACGCTTCTGGG  
ACCAACTGACATGGCAGAACGCAAGCGTTATTGACGAGCTCGTCAAAGCTGACGC  
TGGATGCGGAAGCCTACACGCGTGCACGGTCAGATTGACATCAACATCAATCAG  
ACCGAGAAGAAACTAGCGGACAACGCCGCAAGACGGATGCCGCGACAAAGACC  
AGCAGAACGACTGAAAGACGTCGAGCCGGGTTCGTACGTTGCCAACGGTC  
GCCTCTGGGTACAATCGTTGCAGGGCTGGCGTACCGTCGGCTACCCCTGGC  
AACTCCTAGGCTTCGAAACCGCGCTGCCAGGCCAGGCCAGGGTACGGTTCTCG  
AACCGTGAGATGCAGGCCCTGGAGCGCCTGGCGCCATCGCGCGTACCGCAACCG  
CGCGGGCGCCGAGGCATCGTAACCTGCTCGCAACAGAACGGGATTCTGA  
CCGGCAACCGCGCCGACGCTGCAGGCGCTCGCGCATCGCGTCAACCGAACCCG  
AATACGCCGTGCAGGACGTGCTCGCGCAAGCGCAGAGCATCTACCGGCCGCC  
CAAGGGACAGCAGGAGCAAATCGAATCGACGCTTGTGCCCTGGGTCTCTGGCG  
ACTTGATCTGATGATCAAGTCGGAGCTGGACGCCGAGGTGTTGCCGCTCGT  
TCTCTCAGGCCCGAAGAGAATCGCAAGGCCTGGATCAACTGCCGACGCCCTTC  
GAGTCGATCAAAGCCACGGCGATCACCCTGAGTGCACGTTGCTAGAGGCCTTACA  
GCCGGCAATCGCGGGCGCCATCAAGCTGCTGAGTTGCCACGGACGTTGCCA  
AGTCAGCCGTGACGTACAGGCCGAGCGGTGGCGTGGACGGGTTCGACACC  
CTCGCAAGCGGTCCGTCGTGACAACCTAGCGAAGGGATCGATGAGGCAGG  
CAAGCAGATCAACGCTGTGGTGTCACTGATCAAGTCCGCTGAACGCCGTCGGC  
GTGGATCACCCAGCAGTATCGAACGTCAGCAACCTGGCACGCCAAGAGGCCG  
CTGCACAGAACGTCGCCAACAGCGGATGCCAAAGACCTATCGAACATCGGCAAC  
GCCGTCAGCGACGCCGAGCAAGCGGCTAACGCGCCTCGGCTGGTGGACA  
GGTGTAGAAACTGCCGGCGGTGACCGACAAAAATCCGTATGCCCTGCCGAG  
AACATCGAACAGCGCTCCGGCAGACAATCCCTACGGACTGCCGAGAACATCGAAGA  
AACGCCGAAACGCCGCAACGCCGCAATCCGGTACAGCCGATGACAGA  
TGGTGTGACCAAGCTGATCACCAAGCACGGCTGTCATGCCAGACGCCGCGGCC

GTCGTCGCTAACCTGGCAGCGTGAGTCAGGCCTGCGCACCGATGCTGTCAACCCAGC  
AGGCAGGCGGCACTGGTGCAGCGCGCATCGGTCAAGCCGGATCGAGCGACACTCGATCAGCAGGTC  
CGTTGAACGCCATTACGGTGTCAAGCCGGATCGAGCGACACTCGATCAGCAGGTC  
GAGTTGCGATGACAGACCCATACGAAAAAGCGTTGATGACCAAGTCGCTGGCTGC  
CGGTGGCGACGCCGACCAAGGGCGTGCCTCGCAGTACTACGAAGCGCACG  
GTAACGTCGCCGAGGACATCCG

>CONTIG\_21\_length\_12548\_cov\_4.713469

CATGCTGCCACCTGCGACAACCTCGCTGGAAGGCCTGCGTGACCGTGCCCTGCTCTG  
CTTCGGGTTGCCAGTGGCGGGCGCCGGCGAGCGAGATCGCGGCCGCGGACATGC  
GCGATCTGCGCAAGGTGGCGAGGACGGCTACATCTATCGGCTGGAGTACTCGAAG  
ACCCAGCAGGCCGGGTGACGGCGACTCGAGCCCAGACAAGCCGATCCTGGGACG  
CAGCGCCACGCGCTACCGCCTGGCTGGAGGCGCGGGATCCATGAGGGGGCGA  
TTTCCGGCGGGCTGGAAGGGCGGGCTGGCCCTGCCCTGCTCCCCGGGTAGTGG  
CTACCATCGTAAGCGCCGGCTCACTTGGCGGGCTTGGCGGGGGATTGGGGCAC  
ACAGCCTCGGTCGGGTTCGTGACCGAGGCAGGGAAAGCAAGGCGTGCCGCTGCC  
GCAGTGATGGCGATGACCGAGCACCGGTCGGTGGCGAGCGTAGTTGGGATTTC  
GTCGGGCGCGCAGAGGATAATCCTGCTGGTCGTCTTGAAGTAGAAATTAGCCGC  
CGTATGACTCAAAGTCACTAAGGGATAAGGCATTGCAATGCCCTGTTAGGAAAGCT  
GGGACTGTAGGGGAAGGATAAGGCTGCAGCCGCTGCTCAGGTTGGCACCAATCAGG  
GGAGTCATGAACATCCGGCGTTTCAGTACAAGCTCACCGATTGGAGAAGCTT  
CTCAAGGACTCCATCTCGCGTTGCGACACGGCTACGTTAAAAGCTCTTGAGCACGAG  
CTTTCACACCGAAAAACCGAACTGGCTAGACAGCTTGCCTCAAAGTGCAGAAGCA  
CCTCCGTGATCAAGGTCCGGAGAATGCTCCGTCATGCCAACGAAGCCTGTCACC  
ACCAGCCCCGCCCTGACCGAAGTAGGTGCTGGCTGCGTCCGACGGCGCCGACGT  
CAGAAGTTATCGATACTCAAGTTGCCAAGACCATGACCGATCCGAACATCATCGATC  
GCTTGAAGGGCTGCTGGCTATGTTGACAAACGCCAAGTTGAAGGGAACGCCA  
CCGCGGACTGTGGAGCAGCATGGATCCTCAAGGCCTATGAACACGAACCTCAGGGG  
CCTTCCAGGCATCGAATTGACAAAGGTTGGCAGAGGACGATGTCTGGCTGCGGT  
GGAGCGCTGATGAAAGCGCCCCCTCCGGTCAAAGACCAAGCTCCTGGCGGCTCT  
AATCTTGAGTCTAAGAACCCGGCTAGTGAGCCGGCACCGTATCAGTTGACCG  
CAAGACCGTTGAGGACCTCGGAATTGATCCGCCCCACCCAGCGGACCAAGCGAAC  
CTATCTCGGTGCACACCTTACCGATCAAGGCACAGCTCGACGCAGAGCTAGCGACCT  
ATGTAGCCCAGATCTGGCGGCCGTGGCAGACGCCGAGAAGGAAGTCCGAAAGAC  
GATTCCAAGTATGCCCTTGTGCGAGCCCACAGATGCTGCAGGGAACCTTGT  
GGACTCGCCCCCTAGAACTGGTGTGGGAAATAGGTGATGCCGTATGGGAGCGCCCTG  
GAGGCAAGATCACCTACCCACTGATTACCAAACCTGGTGGAGCTGTCCGTCGTCAAT  
CGACGCACGCCATCGAAGTCCGTCGCGCTCACCTGATCCGCGTCTGGAACCTGGATA  
TCTACACGTCTATGGACAACCTCGGTGTCCGAGGTGGCACGTGCTGGAAAGCAGT  
TCTTTCCAGCATGGCGATCAGTTCAGCCCTTCGTTTCAGCAGTTCAGCCCT

GTGAAAGAGTGCAGCGAGCCTTGGACCCAACGGCATCTATTGGCCGGATCAGA  
CCACCCCCGATGATGCCAGCTACCAAAGCCGACGAGAACCTGAAGATTACTGAC  
ACATGGGCGCTGTCGCGAGCGCGCACCTCAAGTCTTCATTAGGACTTGGAA  
CGTTCGAGAAACTGATTGAGGATGGTCTGAACCTGGGACGCTCTCCCCGCCACA  
TTGGCCCTGGTTGCCAACCCATCTGTCGACAGCCAGGACCAGACACCGGTATCTAC  
CGGGGTCTATCGAATATCGATCCGAACGCTGCACCGAAGTTAAGGCGAAGGACCT  
CTACTTCCGATGCCCTATAACGACGAGCAGGTCCAGATCGTACAAATGCTGGATCA  
CCATGATGGCGTTGAGTCCAAGGACCTCCGGCACCGGAAGACCCACACGATCG  
CCAACGTAATTTCGCACTATCTGCCTCCGGCAAGCGGGCTGGTCACGTCGATGA  
GGGATCCGGCGTAGCCGTACTACAGGAGAAGCTCCCGAAGAGAGATCCGCCCCTA  
GCCATCAGTCTGCTCAGCAGCGAAGCTGAAGGAATGAAGCAGTCAGCACTCGAT  
TCGAAAGATTCGGCCGAAGTATCCGGATCAATCGAGTAGAAACTCCGGCGAAG  
TCACGCAGCTTGAGCAGCGTATCGACCAACTTCACGCGCACATGCCAAGACCGAG  
CAGGAAATCGCTCGCTGGCGAACAAAGAACCTTGAGCCATCCAGCTGACGGCCA  
GAAGCTCATGCCCTAGACGTGGCCCACGAGGTAGCCGCTCATCCAGACGAGGCAG  
CATGGATTCCCTGACCGCCTGACCATTGAAGCAATGCATGCGCCTGCGTTGGCGATG  
CCGAAATCGTGGCACTGCGGATGCGCGAGCGCCCTGGCCAGGACCTGGCTCTA  
CTCGACCAGACCCCTCCAGCACTGGACTCATTCCCACCGACGGAGCGGTTGCTGCAA  
CTTCACCAGGACATGAAGCAGCTGCCACCTGAATGCCATGGTTAGTCGGCGAC  
CTTGCGCCCTCCGAGACATGGACGCTGCGACGATCGATGCGGAATCGAAGCAA  
GGAGCCAAGTTGTAGGACTCCAGAGTTACGTAGGAACCTCGACGAACACGGGTAT  
GCATGGTTACCGAGCTGAGTCTTCCTCGAAGGACCGCCAACAAGGATGTGCTG  
CTTACGGTGTTCAAACGCTGAGGTCCGACATCCTCAGCCTGGTAGCCGAC  
CAGTTCCCTGCGCCCGTACTCCTGCCTGAAGACTTCATGGAAAGCCTGAGCTG  
GCAGATGCTGTTGATAACCTGTACAGGGGAAGAAGGCATTGGTTGCGTTTCGCGCAT  
GTTTGGGAAGTCAGTGCAGAAGAAGCTTCTGACCGAGGTTCAGGTGGTTGGCAGAG  
CCCCGACCAGCGACGAGGACTGGAATACGTACTCTGTTGTGCGTTTCGTCAGG  
ATTGCTCATCTATGTTGGTGCCTGGAACGCACTCGCAGCCGGATCTGCATCTGCCA  
ATCTATCGAAGGCGGAAGAGGTATCTCAAGGCGCCGGCTTCTGTCCCGCTCG  
ATTGCTCCAAAAGATACTGCGCGAAGAGAAGACCCCTCCCTCCAGCCTCCCCGCGC  
TCCTCCCGCTGGCCCCATTGGGACAAACACCTTATGAGTCCCGAAGCTGAAA  
AGGCACTGAGATTCTCGATCACAAACCTGAGTCGCAACAGGCTGGCGTCCACGTGG  
CAGATGAGAGAGACCTTCTATCGAGCGATCGCAGATTGCCAGAGCAACATTACGCA  
GCGAATTCTAGGTTCTCGATCAACAGCTGGCGATTGCACTGTTCAAGACACAGA  
GATTGAGGCCAATGGTCCGAGCTGATGGCGAGCTCGACGTACGACAGCCAGT  
TCCCTCACCTTCATACAGTCGTTCTAACCGACAAGATCAAGGAATGGCGCGC  
CACGATGGCCAAGCGGGTGCCTGAGGAGCTTACCTCAGCGCATGACGACCTA  
TTGCCTGACAACACTGGCGATCGCTGTGGCGCAGACGTCGCTGCTGACCCGGAA  
TCCATGGATGGACGGAGACGTTGAAGCAACTTCACAGAAGCGCGCCAAATGGA  
GTCGGACCTTGGCCGTCTATCAAGCCACGGTTACTAAACGCACTGGCTCAGAT

GGCGGAGAAAGCTCACCGGCTTCTCGCTCCGCACTGGAGGCCTATCGCGTCGCCAT  
TACGCGCATCGAAAGGGCACGGCGTAAGGGCCCCCGCTCCGAAAGGATGCAC  
GCGACGCAGCTGATCAGGCCAGTCCAGCGATCCCCTGCTGGATCATGCCCAACTATC  
GCGTAGCGAATCCTGCCGGTTGCTCTGGAGCGTTCGACCTTGTATCATCGACG  
AGGCATCCCAGTCAGATTGACTGCACTCCCTGCAATTCTCGGCCAAGAAGATCC  
TGATCGTGGCGACGATCAGCAGGTGTACCTGAGGGGGTGGACTGGAAGAAGAC  
AAGATTCTGAGCCTGATGAACCAATTCTGAATGGACAGGTAGGGTTGTATCGTCG  
CAGATGTCGCCGGACAAGTCCATCTATGACCTGTTCAAGGTGGTTTCGCGCATGGC  
CAAGTCATGCTCCCGAGCATTCCGCTGTGCGCCCAATCATCGAATATTCAAAG  
CGCGAGTTCTACAACCACGAACCTCCGCCGTTGCGCCTGCCCGCTCTGAGCGA  
CTGGACCCACCCCTGTGGACGTCATGACTGGACGGCGCCGCCGGAACGGGAA  
GACAAACGAGGGCGAAGCCAGGTTCATCCTGGAAGAGATCAGGAAGATCACCCAA  
GACCCAAACATGTCCAGGCGAACCATGGCGTGGCTCGCTGGTAGGTAGCGAGCA  
GGCGAAGCTGGTCTGGGACAAGGTCGCTGCCAACCTGGCGAATCGACGATCGAGA  
AGCATCACATGGCCTCGCGATGCCAGAACCTCCAAGGCAAAGAGCGAGACATC  
ATGTTCTTCTATGGTGGTCTCTGGCGTGCCAACGCTCCTCTCAGGAGATGTTCC  
GCCAGCGTACAACGTTGCGGCCCTCGCGCCCGTGATGGATGTACTGGTCCGCA  
GCATCACCCCGGAAGAGACTGAGGCCAGCCGACAAGCTCGGGCTGGCCTATTCA  
CACTTCAGCTCCCTTACCTCAGAACGAGGAGGAGGTGCGGATCTGAGGAAGCT  
ATGTGAATCGCTTTGAGCGCAGATGTACGACGCGCTGTAGAGCGTGGCTATCG  
CGTACGCCCGCAGGTTAGGGTGGAAAGTTACCGAATTGATCTGGTGGTAGAAGGCG  
CTGGCGACGCGCGACTGCCGTCGAATGCGATGGGATCAGTACCGACGGTCCGGAT  
CAGTGGCAGCATGACATCGTCGCCAGCGGATCTTAGAGCGTGCAGGATGGAAGTT  
CTGGCGGTGCTTGCTTCCACCTTGTACTGCGCGTAACCGAGTTCTGGACGATCTG  
GTCGCCACACTAGATAAAATCGGCATCGAGCCCGTGGCTCGCAAGTTCACCTCAA  
AGTCTGCACAGTCAGTTCAGAACAGCTACGAAGCTTCCGTGAGGATGTTCGATCCTG  
GGCGATCTCAGCAGCGTCAAGAACATTAGATCACCAAAGTTGATCTTCAGAAA  
GATCGGCATTGAGGGATACCAAGTCAGCTTTCAAGCGGCAGACTCTCTGTATATC  
GTCCCACATCAAGTACATATTGCGCAACAATTCAAATGCCAAACTTCTACACACTGCC  
GAUTGGCAGATCGGCAAGCAGTTGGAGGTTCGAGCCGGACGATGCCGCCCTCCT  
GGCCAAGGCGCGCATCGACGGCATCCGCGCGATCGCGGAACCTGCCACGGCTGAGC  
AGGTTGATGCCGTGCTCGTCCCCGGCGACGTGTTGACGCCAGACCGTTGCCGACA  
AGACGATTCAAGCAGGCCGTTCCGAGCCATGGAGCCTTACCCGGCTTGCTGCTCA  
TGCCCCGGCAACCACGACGCCGGTTGATCGAGTCGGTTGGACCCCGCGCACAGCGC  
CTCGCGCCGTTCTGCCAACGTCGTTCTGCCTCACCCAGCGCCGGTCCCGCTG  
CTGGACGGTAGGGCGTGGTACTCCCTGCCCGTTGACCCAGCGCAATACCTCGCC  
GACCTACCGAATGGTTGAAGACCGCCGCGCTTCCCGGTGTGATTGCTATCGGC  
ATGGCCCATGGCAGCGTGCAGGGAGTTCTGCACGACGGCATCGACTCCGCCAACCC  
CATCGCCGCCGGCGCGTGCAGTGCCTCGACTACCTCGCGCTGGCGACTG  
GCATGGCACCGCGCGGATCGACGCCGCACCTGGTACAGCGGACCCACGAACAGG

ACCGCTTCCGGCAATGACCCGGTAACGTGCTGATCGTGGAGATTGAGGCCGGC  
CAGGAGCCGCAGGTCCGGCCGTTCGCATTGGCCGCCACCAGTGGCGCAAATCGA  
GACCGCCTTCAGGTAGCCAGCGACATCGATCGCTCGAACGCCACCTCGAAACCC  
TGTCCAGCGCGGACGTCGTTGACCTACAGTCACCGCGCTGTCGACCTGGCCAGCC  
ACGAACGCCCTCCAGCGGCCATCTCCCGGCCAGGGCCGCGCTTGGCGCTACGGT  
GGGATTGGCCGGCTGCAACTGCTCCCCTCCCCGAGGACATGCCAGCCTGCGTG  
CCGATGGGTACCTCGCTGATGCGATAAACGAGCTGCGCACGACCCAGACGCTCGAC  
GGCGACGCCGGGACATGGCCCGGACAGCCTGATCCTGCTGGCCACTACTATGCG  
CGCGTCAACACCAACGGGAGCGCGGACATGAAGCTCCAGCGAACATCGCTCTGCAGAA  
CGTCCGCATGTTCCGAGCACCTGTCGTCCTCGAGGACCTGGAGGCCGGCTAACGT  
CTTCTCCGGACCCAACGGGACAGGCAAATCCACCCCTTGTGGACGCCATCCGTGCCGC  
CTTCCTCGAGCGCTACAAGTCCAGCTCGGTTGACCACCTGCGCCCGCGATGCCGG  
CGCGTCGCCCGACCATCCAGCTCGACTTCACGGTCGCCGGACGCCCTTACCATCT  
GGAAAAGAGCTTCCTCGCGACCAAGCGGTGCTCCCTGTCTTACGCCCGAAACCCCT  
GGACGGCGAGGACGCGGAAGACTACCTCGCCTCCCTCATCGGCTACAGCTATGCC  
GGCGCGGCCAGCCGACGACAACACTGGGCATCCCCGGCTCCTGGGTCCAG  
CAGGGTGCCGGGCAGGACGTCCACGCGCAGGTGGAACACGCCGACAGCCACCTGCA  
GGCGCGCTGCAGGCCTAGTGGCAACATCGCAAGCACC GGCGGTGATGCGGTCA  
TCGATGCCCTGAGCGCGCAGAAGGACGCGCTGGTCACCGCGCCGCAATGACCCA  
CGCGGCCCTATGCCACCGCCAGGAACGAGCTGGCCGCTGCACCGAGCAACTGCA  
GGGCCTCGATGCCCGATCGAACGCTACCGCGCCAAGTCGACGATCTAACCGCC  
TGCAGCGACGGTAGCGAACTCGAATCCGCCCGCTGGGAGCAGTGGAGGCC  
CAGCGGCCAGGCCAATCCGACTAGACGAGGCCGACCGTTGCACGGCGCAAT  
TGCAGGCCAGGAACAGGCCCGAGGACGCCGAGGCCGCAACCGCATCACCCCTTACCA  
ATCGCCTGGCGAACTGCGTGAACCCGAGTCCTGCTGGCCTCGGCCATTACGCGCC  
TCACCAACACCACCGACGCCCTCGGAACATGCAGGCAAGGTCCCGCAGGTCCAG  
GGCGACTACGCCACCGCCGATCACGCCATGAAGGAGGCAGGCCAAGGCCCTCAGCA  
GGCCCGAGGACGCTGCCACCCGCGCGGACCTGACCGGCCAACAGGGCGACTCGAAC  
ACCAGCACGCCGCCCTGCACACCGCCATGCGCAGGCAGTGGAGGCCAAGGGCGG  
CTCGAGGCACGGCAGGCCAAGGCCGCCACGCTGCTCCACCCCAAGACCTCGA  
GGCCATCCGTGAACGATCAGCGGAGCTGCGGATGCCGTGGTGGCTAGAGGCC  
TCAGCACTCGTGGCTATACCCCTGATCCCGGTATCCAGTTGCGGCCGGCACCG  
ACACCCCTCGCCGGCGACGGCGAGCTGCTGGTAACCGCTCTGTGGACATCGAGCTG  
CCGGGCCTGGTCGCTGGAGGTGCGACCTGGCGGAAGATCTGGATGCCCTCGT  
CTCGCGCCGCACCCACTCCAATGAGGCCTTGCCGCTCTCACGGCAGCAGGGGT  
AGCCAGCCTGCAGGAGGCTGAAGCCAAGGCCGAGGCAGTCCGTGCCGCCAGCATG  
CCGCTACGTGGCGCGCGGAACCTGCGCCGCCGAGGGCATCCAGCC  
CTCGCCCTCGAACTCGACCGGTTCGACGCCGACCGCATGGCGATGCCCGCGCTTA  
GCCGACCTGCCGCCGCCGGAGACTACGCTGCCCTAGTTGAAGGCCAGGATGCC  
CAGCGCCACGCACAGGACGCCCTCACGCTGGCGGTGAGGAACGCTCCGGCACCA

GCAGCATGTGCGCGAAGCCGAGATTGCACGCGACCAGTCCACCGCGGCCGTACGG  
AGCTGCAGGCCCGGTGGATTCCCCGACCCGCCAGGATGAGATTGCGATGTTGAC  
GCTCGGCTGCTCCAAGCCCAGGGGGACGCCGACGCCACCCAGCTCCCGA  
GTTCAATCGCAAGCTGCTGCATTGAACGCTGACCAGCTGAAGCTGACGTCGACCG  
CCTCGATGCCAGCGCCAAGGCTGAGCGCAGACGCTCGACTCTGCTCGTAGCTGCAT  
GACCCAGGTGCGTGCCAGATCCAACACGTGGCGCCACGGCTGGAAGAGCAGC  
GCGATCAGCTGCGTGTGCAGCACGCCTCACTGACGCTCGTAGGCCAGTTCAAGC  
GCCAGATCGAGGTACTAACGCACCTGCTGAAATCTGGAGCGCTGCCGCCCG  
GTGCAGCAGCGCCTGCTGGCGCCCTGCAATCCGAGTCGACTACTATTGCGTCTG  
CTCTCCCAGACCAGCAGCTCGTCAATGGATGCCGGTCTGCTACCGGGTGGCCTGGTC  
ACCACGGAAGGCCGCAACGCCGGCGACTACGAGGAACAGAGTTCGCACGCCCG  
AGCAGTTGGGGCTGGTCTGCCGCCCTCGCCTACGCCGATCTGCTGCAGCAGTCGGGAG  
CCCCGACCTGCTTGTCTGGACGACGCCCTGGTCCACTCCGACAAGGATCGTCTCG  
ATCGGCTCAAGCGCGTGTGTACGACGCATCCAAACGCCATCAGGTGCTAATGATGA  
CCTGCCATCCGGACCGCTGGCGCACTGGGACGCCCGTCCCGATCTGCTGAAG  
CTTGCAACCTGGCACGTGATGGGTTTTGACAATCCTACTCACGCCAACATTCA  
ACGTCTGGGTTCGGTCCGCCCGGAAGATTGAGTTAAGCACCTGGCTTC  
ACCCCCGATAAGGCTCGTAGTCCCTGCCCACTGACGCTCCCTTCAGCCAATGG  
CAGGCTATGGCGACTACCTAACCGAGTTCTTCATTGAGAATGCTCGGACTACT  
CTTGCATCATGAATGCCAACCGACGCCAACCGAGTGGCATGG  
AAGCATCTCGTGGAGTTACCGTCCGACGCCGTTCCGCTGGGAAGGCAGCAGAT  
CGAGGGTATCAATTCCCTCCGCTGGCTCGCGAGATGCCGGCTGGATGATGCAACG  
CGGCCAACTCTCATATATCTCAAACCGACGCCGAATCAAGGGCGTTACACGA  
ATCCATACAGCTACAGCGGATCCGCGCTTCTTGGCTGAGTCGGGCTATCAACG  
CCTATCACGATTACGCCACCAGCCGACACCGGATCACACCGAGGTGGACGCAGAA  
GTCGAGCGACTTCGCTATACACGACGTGCTCTATACCGCTAGAGTTGCGAG  
GTCGCGATCAAGCAGTTGCTCTATTGACGAACCTCACTGAATCGCGATATAAGCGC  
TTAGCGCTGGCGCTCTGCTGGAGTCTCCCTGCTGCATGCAAGAAGGAGAACGGG  
AAAGACCCGCATTGGTTTCGCTGATAGGCACGCTAGCCGACCCATTTCATCTGTC  
CTTGAGTTGACCATTCGCAATGGATCACATGAATTGTAATAAGCTACGAAAC  
TCCCAAGGCCGCCATTCCGAAATCCAGACGCTCAACATCCGACCGTAGGAGAGTC  
GAAGCAACAACGCTGAAAGATTGCGAAGAAGTTCTCTGGTTCTCACATGCT  
GTCGCATTCGAGAAGCTGAGGAAGAGATTCTGAACGACCTGGCGAAGAAAGGCG  
AAGCCATCATTCCCTGAGACTAACGGACTTCCGCCGAAGACTGCAATTCAATC  
TGGTTCCCGGGCAGCGGTTGTTGACCCCTACAGGTGATCCGCAAACCCCCGAGC  
AGGCATGACTCGGGGAGGAAAATGCTCTCCCTACCCACGATAATCGATCGAA  
TCGTTCTGAGCTGCCCTACTCTCCTCCGCTTCCGGCCAGAAGCGAGCATCTCGCTC  
CGTCATGCCAATACTAGATCTACACAATTGCGGGGCCAGGCTGACCGATCATT  
CAACCCAGCCTGAACCCGAACCTCGAAGCCACCATCACAAAAATCATCGTTGC  
CAGCCAATGCGCGATAGAGCTGGCGAGCCAGTAGTTGGCCTGAGACTTCCTCG

AAGTCGACTGCTCCCTGATCAGCTTCTCCGCACGCGCTCCGCATTTCACCGGAA  
CCATAAGCGCGACGAAGCGCTGGATACTGACCGCCAAATGCTCGAGGCCCATCCG  
CCTGTAACGATCGCGAGGTCGAGCACGCTGAAGTGCATCGCAGATGTCTGAAGG  
TTCGGAGTGACATTCCGACCGGTCGCGTCAGCCTGTAGGAGAGGATCAGGGCGTCC  
GCATCCATGCGCGCGCACCGTCAGGAACACTCCGTATTGGGATCACGTCGAACA  
AGGGTGCAGAACATCCGCACATTGTCAGCAGGATTCGGGAAACACCGAGAAACTCGG  
CGTGTGAGACCGCACAGCTGGCACGAGATTCTCGGGAAACACCGAGAAACTCGG  
GGTATTGTTCTCGGCAGATAGTGGTCGAGCGTCGAGGATTGCTGATCCGCAGA  
ACGGGCATCGCGCCACGCTGATCCGCTCAGAACAGATGCCACGGAGTCCCGTCATC  
GGCTCGGTCTCACGATGAATGCGTGCCTGCATTGCTCCTCTGCAGGTGGTCAGC  
GCGGCTCGTCCAGCCCACCAACCTCAGGCACGGCATCCTCGTAGCTATGATAGGC  
GCAAGCACCTCGTGCCTCTGTATCCGTCGGCTGGTGCCTAGCT  
GCGGCGATCTCATCGAACACATCCGTCGCATCGACGGGAGCAGAGGGATCGAGCG  
CATCCGTTATTCCCAATCTCATCGCAATGCTCAGAACAGTAGGAGCGCCGCGAA  
GCCGAGCTCCGACCAAACGCCTCTTCTATTCCCAAGCGTGCCTCGACGCCAG  
TGTGCTAGCGTCTCGTGCCTCGGCTCCGACCCGAGATGTGCTGTGAGTCGGTGACA  
CGTGTGAGCGCGATATTCCGCAAGGTCTCCACACTGGGCCACGACGCC  
CTGGTCAGCCACCGCGCAGCACCTGCACGTATTGCGGGAGTCTCCTGCAGGAC  
AACCGCGAGTGAGTGGCGATGATCGCATAGCCGTCGAACGCATCCAGGCACGCTC  
TTACGCTCTTGAGAAACGCAGCGAGCAGCGGGATGGAGGTGCGTTGGGCTCA  
TCGATGAGAACTAGGGTCGGCTCCGACCCGAGATGTGCTGTGAGTCGGTGACA  
ATCTTGAGGACAACCTTGTGACCGCTGCTCAGGCCGAAAAGCTCGCCAGTTG  
TCGTCATCGCGATTGGCGTAGAGCTGGTCAATCCGATGCGCTGGAACGATGGTCG  
CGTAGGAGCGGCTCAAGATTCTAGTAGGTTCCAGGCCGCTGGCGAGCG  
CGCTCCAGCGCCGACAAAAACTCTGCCTCGATCTCGCTGGCGTGCAGCCGATAG  
GCCTGCTCACCGTTGGCGCTTCATCGTCCGATCGTCTCGAAGGCCGAAATAGACG  
TATCCGAAGATTCTCCGCGCTTGGAGCCTCTCCTCTCCTGGTGCAGCCCG  
GAATGACGAAGGTGTCGAACGCACTGTAGGACACCACGACCACTGTCTGAACGGT  
GGCGCGATGCCGACGAACCGACCGAGCCGCTCGCAACACGTCCTTTGCTGCCA  
TAGCCATAGCCGCTGCCACGATTGCTAGGTTGAAAGTAGCCGAGTCTTGCC

>CONTIG\_22\_length\_12360\_cov\_217.372026

TAGCGCAGCGCACTGGCGCTCATGCCGATCGCTGCCAAGGCACGACGCTCGCTGGC  
ACCGCGCCGATCCACTCGCGACCAAGCGTACGACGCCGGTGCCTACCACTTT  
TTTCGAGCGCATCTTGATCAGGTCGTTCTCGAACAGCTGCTCGCTAGCAACTTCT  
TCAGTCGAGCATTCTCGGACTCAAGGTCTTGAGCCGCTGGCATGGCACGCTCA  
TCCCGCCGAATTGCTCGGCCACAGGTAGTACGAGGCCTCGTAAGCCATGGCGCC  
GGCATAGGTCTTGATCGCTATGCCGCTTCGGCTCGCGAGGAAGCCAATGATCT  
GTTCTCGGTAAAGCGCTTCAACGTCCTCACGTCCTGGGTAGGAAATTGGACTC  
CAAACGGGGCGCTACTCAAAATTGGGTGGACGTCGCCAACGCCGGTGGCCTTT

ACTGGCGAGAAGGGTGGATGGCAGAGCCGCTGGCGCTGGCATCGGCCGATGATGGA  
CTTGGCGATCCCTCCCGCTCACATAGAGGACTTGTGGTCTGGATATCAAGGTT  
CGGGGGACTCAAAGCGGCCCTCAATCGTGGTGTGGAACGACATGGATTGAGGC  
GTTCACGCGAGGTTGTCCGATGAGCGCCGCCAGTGGCTGGAACAATTGCGCGAAG  
CCGCGCAAATTGAAGTCGCGTGGAACCTTCCGGTGGAGTCGAGGGTCTGTTAAA  
AAAAATTCAAGAAGCGAGCTACTAGCTGTGAAAAGGTCTGTACGAATCCCTGCC  
GACCGTCAAGACAGATTAGCGCATGGACGGCAGGGCAGGGAAAGTGTATTACAC  
AAGGTATCACCGAATGATAAGAGAGGGCTGGCTATGGCAACACATACCTCTAGATCGA  
TGACGGCCTGAAAAGCCCGTCCAGCAGCTGCCAGCCAGCGCCGCCCTCGGCCT  
ACTGGATTATGCTGGAAGCGATCGAAAACACTACGTGCAGCGAGAAAGCGCGCGA  
GAGCTTCAAGGCAGGAAGCTGGCGTCTGGACGGCCTATCAGGAAACCGGGCGCC  
ACCTGACTGGCGAGCAAGTCCGACCTGGTTGACTACCGCGCTTCCTGGTGGCCCA  
AGGCCCGGAAGCGGCCCTAGCGCGCCGCCATGCCATTGAGCGGCAATTCTGCTG  
CTAGAGAAGTCGTCGGACATTGGCCGGCACTGCCGGAGCTGCGCGAGCTGGTGT  
AGCGTTGGGTATTCCCGCTATGTCGCCCTGTATGCCACGAATCGACCGCCGATGC  
GGTGTACGTCTTGGCCTCCGGCATCAGAAAGAAGCGGGCTACTGAGGGAGGCCGG  
GATGAGGGTCCGAGGGAGTCGTTAAAAAACCTTGCTGACAGCTAGTTAGCTCAC  
TTTGGCTTTTACGCAAATCCCTGCCGACCCCTCTGCCAGCTAGAAGCCGCT  
GTGCAGCAAGCCGCATGAGGGCGCTTGGCATTGAGTCGGTGGCACCTCGC  
CCAAAGCTGCCCGGGCAAAACACGCGCGGTAAGGGCGTCAGCTGATATGCATGCA  
AGTCGTATGACGCCATGCATGCTCGACGCTTACGTAGCTGTATGCATGCCCTTG  
GTTTCATTGACACTTGAGGGCACTGCGTTTAGCCCTAAAGTGGCGGCTGCGA  
CCGACGAGGTGAAGCCGGGCGCATGCCCTGAGTGCCGATGCCCTGCCGCGCTCG  
ATCCAGTCTCGACTTCGCCAAGTCCCAGGCAGCTCCGGCTGGTAGTGCAGTC  
CGGCGCGGAACTCCCCGCGCTGCCATGTTGAAAATCGTGCCTCAGACAGAGG  
AATCATGCCAGCAGCTTTGCGGTTGATGAGCGTCTTACTTATCGTTGAGTGCATC  
CCCCGGCCTTCGATCACTGCGAGCATGCGCTGATGGTGCCTGTGGACGCAGA  
TTGATTGCTTCTATTAGTGGTCAATTGCGGTTGACGCCACGAGCGTAGTTGATCTC  
AGGTGGAATATCGCAGGGATCGACGCCAGCGCCTCGATACTGCTTGGCGTTGATG  
CCCAGCTCCCGCAATCTCCGACTGATTGAGTCCAGACCACTGAAGCATCAGCATC  
TGCTTCTGCGGTCCGATAGCTCGAGTCCACCATCAGCCCGCTTGATTGCGAAC  
TCCGCCTGTCGCCGGTTGTAAGGTCTGGTCCGCGACGTAGTGGAAAGAAGTAGCTG  
TCAACTAATTGATGCCCGATTACCTGGCAGTGGCCGGCTCGCAGTGGCATTGTTGG  
CTGAGTCTGCCAGTCGAGGTCGAATTGCGCTAAGGATGCCCTGCTGTCTGAG  
ACAGGGTTCCATGCCCGCTCGCAATTAGGCCGATGATCCAGGCAATACAGGCT  
GCTGAGTCGAAGCTTTCTTCTGGATCGTCCGCTTGGATCATCGCTCCGCCGGCG  
AATGAGGTCAAGCTCGCGAGTGATCCGAGAACCGGAGAACCCCTGAAGGGCGCTC  
GCCATTCACTGCGTGTGCGCACCTTGATTGCGCTGGCCGGTTGAGGCGCAGTCC  
CATACAAGCCGATCAACGATTGAGTGTGCTACAAACGCCGATCTCTGAGGTC  
TGCTTGTCCCCGTCTTAATGAACTGGCGCAGCAACTGCCGCTGCATGCGAACCATC

GCATCAAGTCCCACCAGTCGAATGATTCCGCTGAAACTCACCCCTGTTCTGCTCCG  
GGGATATGGCCAAGTAGCGTTCGGCAGCGTCGCCGTACGCAGCCACGGCGGG  
GTCAATGAGTTCTGTATCAGCCAACGATGGGGTAGCGACGCGAGGAGGCAGAAT  
ACGGCCGCCAGCGATCCTCGAACCTGCTCGATGGCTCCGAGACAGTGGATCGCAG  
CCTTCCCAGGTGACAATGGTTGTATCGTTCTCATGTCAACCATTGGACAACATAAT  
AAGATGTAGGCAATCCCCATAACACCTAACCTCGTAGCAATTGGTTGATAACGGA  
GGTTTACGCAATGACGATAGAACACGCTGCTGCAACGCTCGGCCGCTGCTGA  
GCATGGCGCAGCTGCCCTGTCCCTGGATCGATCACCGGATGGACTGCGGGTCAGTT  
TGCCTACGGCGAGCGAATGGCGGGCGAATCAACAAGGCTCGCTCAAGATCGGT  
CGGCGCGTCTACTTCCGAACCTCGCAGATCGCCGAGGTGTTGAGCGACGAGTCCCTA  
TACGGAACGGGAACTGAGTCGTTGGCATTGACGTCCTGGCGGCGTTGAGTGCAG  
ACCGCCGGTGCTGGACTTCATATGGCCGGCTCCTGGCGGGAACCGTGGCGCGCT  
CGTTGCTCCAGGAGCCACCGTAAGAGCTCTGGCGCTGGAAGCGGCCATGAGCA  
TCGCATGCAGCGTTGCCGGCGACCTCGTGGCTGGCTCCGCACACTCCGGC  
GCGTGGTTATCTGGCTGGGAAGACCCGCCGCTGTGCGGCATTACG  
CCATGGCCAGCACCTCGAACACCGCAGCACGCCAAGCCATCGCAGAGAACCTTGC  
CTTGAGCCAATCATGGTAAGCGCTTGAACGTATGGACGAGGCTACTTGCGCCGC  
GTCATTGAGTACAGCGCCGGCCAGGCTGATCGTGGACACCCTGAGCCGCAT  
CCACGCCCTCGATGAGAACAGCAATGGCAGCATGGCCACCTCGTGGCGTGGT  
AGCAGGTCGCCGCTACCACGGCGCATCCGTGCTTACCTGCACCACGTCAAG  
GGAAGTGCCCGCAAGGCCAACCGACCAGCAGCAGCAGGCCGCGTGGCGCTCCGC  
GCTGATCGACAACGCCAGGTGGTGCAGTTATGTCGCGCGCATGACTGAGGACGAGG  
CGAAGGCCCTAGCGACCGCGCCATGACCGCAGCCATGGCAATGAGCGCCGC  
AGCTACTCGTGCCTTCCGCTTAACAAGCAGAACTACGACGCTACGACGCTTGAT  
CGCTGGTACATGCCGCACGCAGCGGGCGTTCTGGTGCAGTGGAGCTGCATGAAGC  
CAGCAAGAACATGAAGAAAAGGGACGTGATGGCCGGAGGCGAAGCGATGGCTTTGA  
CCTTACACATGCCCGCACGATCCGATGCATTGCCCTGGTCCCCGGTTGTTCCGCAG  
TCTCAAGCGCGCGAACCGAAGAGGGCTCAAGCTCGATGTGACGTATCACTACGCC  
AGAACATGAACAAGCGCGTTGTCGGCTTCGAGCCTCTGGTGTGATGACATGCGAC  
TGCTACAAGGTCTGTGGCTCTGGAGGGCGAAGGGCATCATCCTGACGCCAGATC  
CAACAGCAGAGTTGCCGAGGCAACTGCGTCTATTCCCTGAGCCGAAGTCGAAGCG  
GTAGGGCAGGATGCGCTTGTGCGAGAGAGCATGACAAGCCTGCTAGCCGAAAT  
CGGCTTGACCGATGGCGCGACAATATCAGGGCGATCAAGCGTGTGCTGCGTAT  
GGCAAACGTACGGTAGTAGTCACCAATGGGATTAGGCAAAGGTCTTCACTGAT  
GAGCTACGCCCTCGACGAAGAGGGACGGACGGCTATTGTCGCGTTGAATCCCCAGA  
TTGCAGAGGCATTCTGGCGGGCGCCGTATACCGCATCGAGATGGCGAGGTG  
CGGCGCTACAAACCGACCCGGCCCGCTTATTCAACCAGCGCTATGCGGCTGGATC  
GATCCTGGCAAAGCCGGCGCGTGGAACTCGATACGCTGCTGGCTACGTCTGGCC  
GGACCAAGCGAACGCCGAGGCTATGAAGAACCGCCAGAAAGCGCGCAAAGCT  
CTGGCCGAGCTGCTACCGTGGCTGGAAGGTGAGCGAGTATGCAGCAGGGAAAGTG

GGAAATTGGCAGGCCGAAGCCCGTAGTAACGTTCCCCAAGCTCCGTAGCAATGTT  
CCCTTATCCGTAGCAACGTTCCCCGCCTCAAACCTGAAAACACAGCAACGGCGCG  
GCTTGCAGCTAGTCGCAAGTCCACCCATGATCTCCAGGATCATCTACTAGGC  
GGTACTTGCCGCCCTCTAGGGCGACGCCAGGCCCTGCCATGGCGCCCTTCAG  
CCGTTGAGTTGTACGCCAGGAGGGTGGCTGGCCGGACCATTTAGCGGCTAAA  
ACTAAGCGCCCTCAAGTGTAAATGAATCGGTGTTAGTGTAGCGCGCTAAC  
ATACAACAAGCGCCATTGCGGCCGAAACGTTAGACCCGTTGGCGGTG  
TTTCAGGATCGTCATCCCAGGCAAGGCTGCGTCAACGCCGTTCGACGATGGCG  
GCCGAACGGTCATTGACACTTGAGGGCACCTCGCTGCCGATTATCTATGGACCA  
ACTCCCTCTGGCGTTCAACTTGTGGTGGTGTGAATGGCTGCCGTCGCTGTTG  
AGGCACGCTAGTGGCACAGCTCATGTCAACCATTCCGGCCAATTATTGGAATGTT  
GCGCAGGCCGACACTCCGTAAGCTCGCAGTAGTTCAGTTGATAACGGAGGTTACG  
GACATGGCGACGACAGACAGCAACTACCCCTGCCAGTTGGCCGACGGCTCGCT  
TGAGCAGCAGACCTCGCAGATCAAGCGCCGGACTACCTGGTCGCTTCATGGCG  
CGCGCTCAGACGTTAAGAAAGCGATGGAGGCCGGCTACACGCTCAAGATCATCTGG  
GAGCACATGCGCGATATCGGGCGATCCCTTTCGATATGAGACGTTGAAATAC  
GTTGCCAGCACATACCAATGCGCCGCTGGTCCATGAGTCACGGCAGCGCAA  
GTAAGGAAAGCCCCGTGTTCAATCGCTGCAAGTGCCTGCTGAAACACTGCTATCG  
GTTGTTGGATCGCTGCAAGCGCGGAAATGGGCATTCTTCAATCTCGCGCTG  
CTGGCGCGCTGTTGCGAAGCAACGGTGCCTACAGCGCAAATTGATGAGTCAT  
ACGAGGAAAAACAAGGCCGTAGGCAGGAGTAGGTGAAGTAGGCCACCCG  
CATGCGGGTGTCTACTCACTGTCCTATTGCAACCTGCGGTGCTCAACGGAAAT  
CCTGCTCTGCGAGGCCGGCGCTACCGCCGAAGACTTGAACGCCAGAGAGATA  
GGCCGAGCCGCTTGCCTGGATGATGTCATTGCGATATTGAAGTCAATGAAG  
TCACATATGAGGCCCTGACTATGGCAATCCTGACAGTGCAGAATGTGCCGACGAG  
GTGCATCGCGCTCTGCGCTACGGCAGCCGAGCATGCCGAGTACAGAGGCCGA  
GGTCCCGAGATTCTGGAGAGTCAGTTAAGTTAGAAAGCGCATCCGCATGGCG  
ACGCGTTGGCGGAGCTGGCCCAAGTAGGGCTGACAAACGATGATCTCGCAGTG  
TTGGACCAGGTGCGCGACAAGGTGCCGGAGAACCGATGAGGTTGAATGATTGTC  
TTGGATACGAATGCGTCTCCGAGGCAGTGAACATCCGACCCGCCGTGCG  
AGCTTGGTGAATGAGCAGGTAGCGGAAACCCCTACCTGTCCAGCGTACGCTG  
CGAACTGCTGTCGGCATCGCGCTGCCAACGGAAACGTAAGGGCTGG  
GCGAACGCCCTGGACGGATTGCTCGAACGTTAGCGAGCGGGTGTGATGTTGAC  
ACCGAACGCTCGCAATTATGCCGAGCTGGCGGTGAAGGCCGATGCCGGAA  
GGGTTTCCAACACCCGACGGATATATTGGGCTATTGCCGCTCCAAGGGATTAT  
CGTAGCAACACGCGACACCAGCCCTTGAAGCGGCCGGCTACCGTTATCAATCC  
TTGGAACCATCGTAAATTCAATCGCTACTTGACACCGTGTGATCTGATCAAAAGGCC  
GGGCTCGGTGTCGCCAGGTCAATTACCGTAGCTCCGTGGCGCAGCTACGTGATG  
AACCTTGAACAAGCGCTTGCTCAGGGGGCAGCCATTGCGAGGTAATGA  
CCATGAAGCAGCACGTTAGCGGCTAAATCGCTTCTCCCTAGCCCTACTGTTG

CGCTCGCCTCAATTCCCGCGATGCCGGCATCCCGTCATTGACGGAACCAACCTGT  
CGCAAACGACCGTGACCGCGATTCAACAGGTCGCGAGGTCCAGAAGCAAATCGAG  
CAATACGCAACGCAGTGCAGCAGTACGAAAACATGCTGCAAACACGGTCGCGCC  
CGCCGCCTACATTGGGATCAGGCTCAGTCCACCATAACGGATTGATGCAGTCAT  
CGACACCCCTGAATAACCTACCAATCAGGCCGGCAGTCTGGACGCTTACCTAGGCA  
AGTTCCAGGACATGTCCTACTACAAATCGTCGCCGTGCTCACCTCGGCCGGCTGCT  
CGGACACCGAACCGCGCCCGCTGGAAAAGACTCGCGCCTGGCTCGCAGTCGCAA  
AAGGCTGCAAATGATGCGCTGTTCAAGGGCATCAAAGATCAGCAGGAAAATCTCAA  
GTCAGACGCGCAGCAGCTGAACGTCTGCAATCGCAGGCCAGGGCGCAAAGGGC  
AGATGGAAGCCATCGGATATGCCAACCAGATTGCCAGCCAACAATCCAACCAGCTC  
CTGCAAATCCGTGGCCTGCTTCTCGCGCAGCAGGCCATCGGTGCGCAGTTGAG  
GCCCAAACCGACCGTGAGGCCAGCAGGAAGGCCAGCATGAGGCATCGACGGAAC  
CCAGGATCGGGAAAGACTCCAACCCGAAAAACTGGCTGCAAGTGAAGCCGTAGGAG  
GGCCAGAACATGAAGAAATCAACGGCCTCTGACCGCCGTTCTCGTCGCATTGGTC  
GCCGGCTCGATAACAAGCAGCCGCCAAATGCCAGCTGAACGCCAGAACACTG  
CGGGCCCGACCGCATCCAGAAAATCGAGGATCGGCCAACGCCAGCAGCTCGCCG  
GCGCGTGCCTCCGCCGGTCGGTATTGCACCGACCGAGAAATCCAAGAACTGGCTG  
GAGGTGAAACCATGAAACGAATGGCGTTGCCCTAGCGTCGCCCTGGCCTCGCAT  
TGTTCTCAACGGGTGCCTCGGCCAGCTAACCAATCAGGGCATGCTTGACCAAGGTGG  
TGACGGAATTGCCAGCAAGGCATCGAGCTGGAAAACGGTCATCATGGATGCCCG  
ACGTGGCTTCTGGACCCCTGGCACGATTCCCTGGCTGGACGGCGGCACACTG  
GTCATGAAAAGGCCGATGTTGGCGAGTTCTCGCGGAGTTGTGCGCTTCATCCTG  
TTTCGGCTTCTACCTTGGCTGCGCAACGGCCAGAAATCGCAGATGCGATT  
ATTCAGTCGTTGCAGCAACTCGGATCGAAAGCCACCGGATATCGCCGTGACGCC  
TCCGGCATCGTCATGTGGTTTATGATCTTCAGCAGCACGTCAGAACATTGCTCC  
CTGTGGAGTCCGGTTGATACCGTCATTGGCAATTGAGCCTGGAAATCCTGCTG  
CTGCTGCCACCATTCACTGCAATATGCTGCTTCTGGCTCGCGCTGGACCTCTGATATGGC  
TGTACCTGGAAATTCTTCCCTGGCTCGCGGCTCGCGCTGGACCTCTGATATGGC  
GATCAACTACTACAAGACCGTCCTCGGGTTGGCGTCAACCTGCTGTCATGGTCGC  
TCTGGCGGATCGGCAACGATCTGCTGACCGGTTTACGCCAGAACATGGCAAGG  
GCACGCTCAACTTGAAGAAATGGCGTGATGCTGGTTCTGCCCTGGCGCTGT  
TGCTCATTAAACGGGTGCCGCTCTGATCTCCGGCATCATCACCGCGGCCGTTG  
GCGCGGCCGGCGGCCCTCGTCACCTCGGAGCCGGCGGGTGTAGGTGCGGGCATG  
GCGGCCGAGGCATGGCGCGCAAGCTGTGGCCGCTGCGTCCGGCGGTGCTTC  
CTTGGCGCATCCGCCGAGCGGTGCGCAAGCCGTATGGCGGGCGCTCGCG  
CCGCTAAAGCCGCCGATGGCGGGCGGTGGTATGTCGAACGCAGGCCGGCGGG  
GAATGGGGCGCGTTGGCGTTGCCGGCGAGCCTATGGCGCTGCACTCCGGTGG  
CGCGCGCTCCCGATGGCCAGGCCAGGCCAGCGATGGGCATGGGCCGGCAGCGTA  
GCTCTGGCGGGCGTAGTTCCCTGCGTGGCGAAAAGCCGGCCAGATCGCGAAAGGT  
ACGGTCGCCAACCTGCCAAAGGCATCGGCTGATGGCGTGGCCAAGGCCGGCAG

CATGGCCGAAGCGGCCAAGAGCCGGATTGCGGAAACTACCGGCGGCAAGCTCGCTG  
CGACGATCAAGCGGCCAGCAGCTCGACCGCTGACAACAGCCCTCCAGCTCGAAT  
GACAATGCGCCGGCAGCCGCCGGCAATGATGAGGTTGCGCGTTCGTAAACCGGCC  
GCAGACGACCTAAAGCGCGTCGGCGACGATGCAACGCCGGCGACACTCCACTA  
TCCACCTGTGAGAGAGGTAAGGGCAACTATACTCTAACGAATTTCAGG  
TCGTCAGCACGCCAGCGGAATTGAACGCTATCGACTGGCTGGACCAGGCAACC  
GCCCGCGAGTTGGGGCCCTGGCGAAGCCACGCCAACATGTTATGGTGCTGTT  
TACCAAGGCCAAACGGGCCTCGCGACACCGATGACTTCCTGAAAGCCAGGACGCA  
GATTCAAAACGTTCTGAGCGCGACAACGACCCTTCAAGTAAATCGGAGGCTTAT  
GGACTTTTCCCCGCAATCATTCTCTGATCTGCTGATCGTCTGGCATTGGTTAGGCC  
GTCGTATGCTCGGGTTTATTCTCGGCCGGCTCATCTGGCATTGGTTAGGCC  
CCCAGGCCACGGCGATCGCAGACAAGATGGAACGCATACAGCAGACCCTCATGCCAG  
CCGACCGGGCAACGTCTGATCGAAACCGCTGACCAGCTTCAAAGCTACAAGGCTG  
GCCTTCAAAATCGCAACGCCACTAATCTCCCTCAAGGTATCCGAGAACAAAG  
GGCGGCCAATGTGCCGCCCTGTTATTGCTTGTCTTATGGCGTCCGCTCTGC  
GACCTCATTGCCGCCGATATAGGCCGGTCTGCTTGTCTTCTCCACTCGTCCAG  
AAATACCGAAATTCTCACACTGGTTAGAACATCGGCTAGGTCGTGGATGTGAG  
CCGCTCGTCGCCGGCCAGCTTGTCCAGTTGGCCATGTGGCGCCGTACCGCTCAT  
TTTCCGTGTCCCTGCCTATTGAGCCAACCGCAACATCATTAACTGGTAGGCC  
GGAAATGGCCGCGCGTGANCTGTGCGAGTTGCCGGTAGCTCGATCTGGCG  
GCCGCCTGTTCCGGCGACCATGCCGAGACTGGATCACTGGCGGAGCTGTGCGATA  
AGCTGCCCTGGCCTGCATCGCTCGGATCAGAAAATTCCAGATCGCGTACACG  
TTGTCGCTGCCATGGTAATCTCAATATGCCCTGTTGGCACAGATACGATAGAT  
TTTGAGCATGTGGCCTCCTTCATTGCACTGCTGCGGTCGTCGGTGGAGGATTT  
CCGATATCCGGTCTGTCAATCCACCTTGCCTGCTTAGATAATTTCACAGCCATGG  
CGGGTGCCTCCAGTTCTGCCACAGGGTCACAGTGCAGGACGATTGGCGACTTCC  
TGCCAGTCCACGCCGTCTGCTTCAGCATCGAGAACGCCACATACTGGCGACAAATG  
GGCCTCGTCGTAAGGGGTGATCCTGTTGGACCAACTGCACGTCGTCA  
GCAACCTTGGGATCAAGATCTGATATAGCCTGTTCTCGTCGTCAGGTGTTGAGGTCGG  
GTTTCCCTGGCGTACCCATGTTTAGCCATGCCCAACTCGGCCAGTGTGACTGG  
CCGTTGAGCTGTAATCCTTCGGACCCGGCGGTGTCGGTCGAGCTGGATGCC  
AGGCGTTGAGATCGCGGATGCATCGGCCACCGTTACATCGCATAATGCCAGAG  
CTGTAGTATCTAGCATGACAGATGTGAAGTGCCTCGAGTTAAATATCCACTAG  
CTTAATTAGAACGGCTAACAAACCCATTGACTATTGTCGCTAGCGGAA  
GCTGGCATGACACGTCGAAAGAGATCCCCATTGCGCTGGAAGCGCATCGAGCC  
GCTGATTCCCAAGTGAAGCGTCCAAAGGTGGACGGCCCGTATCAGTGATC  
AGCAAGCTCTCAACGGCATCGTCTACGTCGCGACGGCGTGCCTGGGAAGAC  
CTGCCCTTGGAACTGGCCTATGGCAGCGGATGACCTGCTGGCGCAGGTTGCGT  
TGGCAAGCCGCCGGTGTGGCATCGTCAGGTGTTGCTGACCGAGTTGCGT  
CGGCCAGACGCTGGATCTGAGCCAGTCTGGATGCCAGTGTGGCCTC

CCCCCGGGGGGGCCTACACCAGGCAAACCCGACCGACCGCGGCAAACACTGGCAG  
CAAACGGCATCTGATCGTGGACCGAAACGGCGTGCCTTGGCAGTGTGCGTCACCG  
GCGCCAATCGGCACGACTCGGCGTGTGAGGAGTTGATCGATGCCCTGCCGCAA  
TTGGCGGCAAACCAGGGCGCCCGACGTTGCCAGACAAATTGCACGCCGACAAG  
GCTTACGACATCGACCGCTGTCGCGCCTCCTCAAGCAGCGCGCATCATTGCGCGG  
ATCGCACGCAAGGGAATCGAGCGAACGACCGGTTGGCCGTATCGCTGGTCGT  
CGAGCGACCCATGCCTGGTTCGCAGGCATGGCAAACACTGCGCATCCGCTTGAAC  
GCCGCATCGATCTCACCTGGCGTTGCTCTCGCTTGATGCTCCATCATCTGCTTACG  
ACTTCTCCTGGCGGCTCAACTCCGATTGCAACACCAACCGGTTGTGAAGTGGCC  
CAGCGACCTGACTTGAGCGACTTCACCGCCAAGTGGAGTTGCCATGTCATCCAGC  
CGCCTGGACCAGGCCAACGATA

>CONTIG\_23\_length\_12290\_cov\_269.350818

TGCAGACGGGCCCCGGCCAGGTCCCTCAAATGATCGGCCATGCCCTGGACAGCAT  
CAGCGCCTGGGTGCATGCCGCCGGATATGCGCTGACTGCCCTCGCGCAACTG  
TTGCCGACGCTTGGCCACCCCTGCCGCATGACCTCAGTGGCTCTGTCTGCCGCG  
CCGCACCATTAGGTCTCCGAAGATTCCGGCATCGCGGGTTGTCCAGCTGCGCTG  
ACGATGCGCGTGCCTCGGGCAGCGTCACATCTTCAGGGTCAGCTCTTGATGTC  
CCCACGCGAACCTTCCAGCAGTTCCAGATCCACGGTCATCCCTTCCGCATG  
GCATCGAATGCCATCGATAGTGCCATTCCATCGTGGCCGCCAGCCTGGCGTGG  
TCACCACGACGGTTCCAGCGATCGGACAAGGTAACCGAGCCAATCAGGGCTCG  
AAGATCGGTAGGGACAAAGAAGCGCGCATACAGGCCAGCCAGCGCAGCATCATC  
AGAGGCTTGGCAAGATTGATACCTCGATTGATAACCTCAAGGGCATCGCTCGAA  
TCATCAATCGGCCGAATATCCAGCCAAGTCAGACACTTAGAGACTTGGCGGAAGC  
TCTGGAGCGGGCGAAGGAAACAGAACACTCACCCTAGCCCATTGATTCAATT  
GCTTTAACAAACCAAGGAATCAGAATAACATAACCTCAAACGATACCTGACACTAC  
CAGATTCTATCAAACCCAAAGCAAGCGAATTCCGGCCCGGCAATCCAACAATAAT  
TTGACCAGCATTAGCTAGAGCACTCGTGGCGCCATCTGGAAAAAAAGCATCCTGG  
CCTGATGCCGGACTGCAACGAGACCCACCCACGATCTGCCTGATGGAAGTGCCTAG  
AGATTCACTCACGCTCCTCTTGGCGATCCCTGCTGATGGAAGTGCCTAGCG  
ACAACGATCACCGTTGCGCACCCGCCCTAGCACCCGGAGCGCTGCTAGCGT  
TAACCCGGGCTTCACAAACATTGCCATTGCCCTAGGCAAGTCATAGCGCTCCA  
ATTGGGATGCCAGCGCAGACTTACAATTAAAATAGTCACAAATTATTGAC  
AATTGACACTGAGACCCCTACCTGCAGCCAACAGGGAGAGGGATCATGGCCGAGA  
ACGAAATCCTGATTGGGTACCGTAGCCATTGGAAGGTGGTGCAGCGCTGCTGG  
GTGACCCACGGTCCCAGCTGAAGTTAAGAAAGCAGGTGAGGACTTGAA  
GGCATGTTAAGTAAGCTCATCCGCGCCTACGAAGCGGGAGCCGCTCCTTCATTG  
CTCGCGCTGCTAACGAGTCGCCAATGCCAACAGGCGGTATTGCTGGCTTACT  
GAGAAGCGTTAGCCAAAATCGTGCTCAATGCAAGCCTGACGGCTCAGGGCCGAAG  
CGTGGCAATCGTGCGAGCACCGAACCAATCGCTGATGCAGGTGATGGTGGACC

AAATGTGCAACCGGGCACTCCGAAACGGCGCTCGTATCGCACAAACGAGCAAAC  
GCGCTTCGTAGCTCCCTAGCCAATGAATTGCGAACACCGCTCGCGGTCAAGGCA  
GCATTGGAAGCTCCATGACTGGCATGAAGGTGACCCGATGAAGGTCCGGCCAA  
AGCAAGTGCACGACATCGCCTACACCTCGCTTGTATGATGCCCTCGGGAGACA  
GCCATGCACCCAGCCCTGAACGTGATCCAGGCTCGTTACGCCATGGCAATGCAGA  
ACTGACGGGCCACATTGAGCAGCGCTTAGCATCAAAGCAGAGGGAGCTACTACACA  
ATTGCCCGGCACACTGAGTCAGCGGCGATGGATTGCTCGCGTCGCGCGTGC  
TCTACACCATTGATCGCACTTTAAGCGCGTAGGCCACGCCCTACAATGATGGCGGTG  
TGCACAAATAATGTGGCGTTGAAGTGTCTGATTTAGGTTGAAAGAAAGCCA  
AGACGATCAATGCGCTACTAAATTGCTTGCCCTCACGGATGACATATGGCTGC  
TGGGCTTGTCAAACGCAAAGCCAATATGCCACCGCCTCACACCAAAGCCCTCTCC  
CCTTGATGGAAGTTATCCAGATCATCTCGCGCTTACAGCGGTGGACTGGACTCAG  
CAGCGGGCTTGCAGACTGGCTGATGGATGGCAAGAAGCCGCCCTGCTTCTGACC  
GTCGATCATCAGAAATCCATCCCGTGGAGCACCCAGTCGCAAATCAAAGCGCTCGA  
AACGATCCTGGAAGTTGACTCACCGATCCCGCACCGATGGTTACTGTGAACCTGGA  
AGGTGGCGCAACTGAGCGATGCCGACCAAGAGCAAAGCCAGCGGGCACGAGGC  
TTTTGTTCTGTGCCATGGCAGCGCTTGCATGGCTCCGACATGGTTGATTG  
TGTGTTGAAAATGGAGTGGCGCATCAACTTACCCCTGAGCGAAGGGCGTGA  
TGGATGGCCTTCCACACCGCGCGAGCCCAGGTTTCTGCTCAGGCTCAAAGC  
TTTTCTCGGTCTGGATCGAGAGTTGCAAGTCTGCCTTACTTGGCACAAAC  
AAAAGCAGAAATGGTCGACGCCTGACGAGTAACGCTCGCCTGGCTGATTGGCAC  
AGCAATCTCGCTTGCCTCACACCTCCCTGCGTAAAGCGGCAAATCCATTGCG  
GGGTTGCGCAGCATGTTGGAGCGGCACAAGCCTTAAAGACGCAGGGTGAAC  
GAAAAAAATTGATGAATACATCCATGACATCTTGTGGCCACGCCAAAGACGC  
AAGCTACTTTATGCCTACATCGACAACCGCAAAGCTGGCCAACCTGGATTACG  
CGTGAATGATGCCCTGATGCCGACGCAACGCTGACGCAGGCCACATCCCCATT  
GATTGATGCAGCGCTTACGCCCGCATGCTCAGGAAGTGCTGCGAACCTACAAC  
AATTGTTCTCAGGCCCTTGCCTGCTCCGCCAAAGCGGTTCCCAGTTGGGA  
CTTTATGAATAACCTTAGTCACGCCCTCATGCTGGCGAAAATCGGCCGGTTGT  
CGCAAGAAACGGCGCAAGCCACCTGGCATGAGTCGGCCACCTTATCGCGATG  
GAAAAAGGCACCGCAAACGCAAAGCCGATGAGCTAACACGCTGGCAGCACTTA  
TGGCACCACCTAAATGCCCTGCTGCCGAAAGCGCTCCGCCGGAAATTGCTCC  
TCATCTCGTGTCTGATTGATAAGGAGGGCGACGAGGCAGGATTAGAAAGTCCG  
TAGCCAAGCTACGGAATTGTGGACGACTATTGTTCTGCAAAGCAAAGTCCAG  
CTCATGCCAACCCGTGCCCTGCGAACCCACTCGATCACTGGGAGTGTGGAGC  
GCTCGCTGAGCATTGCCGATCGAGCAACGCAAGCAGGCTTGGCTTGGCAGCG  
AGCCGATTGGATCACTACGCGACACCCTGACGAAATTGGCATCCACATATTCTCG  
ATGGACTTAACCTAAGCTGAGGACTTACGCCCTTGTGAGAATTGGCTATTG  
CGTTCTGATCAATCGCAAGCATCCACTGGCAAGACAGCGGTGGACGATTGCCATG  
AGTATGCCACTACCTCTCGACCATGATGCCGAGGCGTGGACTATGTGCAGCCC

TGAAGCGAAAGCCTGAAAATGAGCGCTTGCGATACGTTGCAAGTCACCTCTTGA  
TGCCAACGACC GGCGTGC AAAAGCGCTTCATGACACTTCCAGAGGAAGGCGAT  
GTCAATGTCGGGGATGTGATCCGAAATTCCGACTATTACGGCGTGCCTCATGGCC  
ATGATGCTCCGCCTGGAGACCATCGGGCTGATCCGCAAAGGAAGCTGGATGCCAT  
TAAAGCGTCAGGGCGAAGTGTCAAAGAGATCCGCCAAGCCGCTTGGACGAAAAGC  
CCTTGGACGATCAACCGGTGTTGCCCAAACAACGATATCTTCCCTGAACGCTATC  
TCCTGCTGGCCATTCCGCCTGGCCAATGAGGAAATTACCAACGAGTCAGTTGCCA  
AGCTGGTGAGACGCTCAGTGCCGAAGCACGCGACCTGGCACAAAGTCGCTCCCAG  
CTACTTGGCGACAACGATGACTCCTTAATTGAACACTCAACTGGGAAGCTGCTGTGGTC  
TTTCGGGAGAGCCATAGCGCATGACGCATTACTGCTTGGATTGTTGCTCACTCATCA  
ATTATATTGCGGCTGGGGCGGGATCCAAGAGCTCGCCACTTAGGTCAAATGTGGT  
CCATTAGCCAAACTGCAATGAACGAATTACGCGCACTCGAATCCAAGCTGAGGAC  
GGATCCGTTGATTGGGAAGAGGTTGACCACACTGCACTCCTAGCCAAGGCCCCCTT  
GCCGTCCCTCTCACTCGAAGTGAGGCAGAACAGAACATGGATGCTGCTTACCCA  
ACACATCGACGATGGCGAGGCTGCATCACTGAGCCTGCTAAGCATCACCACATGA  
CCTTGTTTCAGACGACAAGCTGCCATTAATGCTGCCCTCGCACATGGGTGCCAA  
GTGCATCTGCTTGGATCTTCTCGACTTGGCAAGCACTCAGCCCAGAGCACGCGT  
TGAAGATCCCGCAAGTCCCTCGCATCGCAACCCTGCCGCTTACCCGTCCA  
ATAGCCATCCCCACCTTGCCTGGTGGCGGGACCACTTGCGCCTTGACACCATGAAC  
CCATCGACGGAGCCCTGATATGCCGATCACTGCTTTCAAAGCAACTCGAAGGCGA  
GTTGATGTCATGCAGCTCCTGTCAAAGTTGAGCCCTCAGCATGACGGCGAGCCTGA  
CCCGACAGTCATTCCACAATCCACACGTGAAGCCATTGCGCGTATGTTGCTGCC  
AGGCTGTGGCGCGGGAAATGCCAAGGTGGTTGTAGCAGGACAAGCTAGGCAGGCG  
CCAAGCGCACCGTGAGTCATCGCATTTCGCTTCGATGACCACAAGCTATTCTGTG  
AGTCGAAGACAACGCCACTCCATCAACCTTACCAAGGACACCTGGTGGATTCCCGCG  
CATCAAGATCCCGCGAGACCCGCCTCATGGCAAGCGTGTTCACAAGGAATTGAA  
CTGGGTATTTTCTCAGGGCGATATGCGCCGGATGCGGCAGTGGTCCCTCGAACCT  
CGCATCATGCATTCTACCGCTGCGAGGTCGACGAGGCCTTATGCTGATTTCCCTG  
CGCTCCCTATCGTGGATTCGCTCTGGCACCCGAGGTCCACCCATCCATGCGGC  
AGCTTCCGAACTCAATTCCCTGGAGGTGGCAAGCACACAGTCATCGAAGAAAATC  
CGGAGATATTGATCTTGGAGCAGCAGCATACCCGCTTCACATCGGAGATCGGGATT  
ACAAGCGCGGTGATCAGCACCGTGCCTCGAAACTTGAATCAGCTCATCTACGAC  
CCCTGCCGCTAAAGATCAATTTCACAAGTGAGGCAACTGCCAACCTGTTGCC  
GGCAATGAGGTGGATGCTAAGTGGCGACAGCATGTGCGCTCGAGAGAGACGCC  
CCAGGTAGTCGCTTACCGCCTCTGTGCGCTGTTGCTGTTAGCCACAACCTGGGAC  
ATGGACAAAGCCGTCATGCGTATGTCGGATTGCGATAAGTGGAGAGGCCGCGAC  
CATCAACAGCGGGAACATTATTGGGCTCAACCCCTTACGACTACGACGCTTGGCG  
CCTCATCGCTATTGCTCATCAAGTAAGCAACTCGACCGAGCGGACTCAACACACG  
ATCCCGAATAGAAAAGGTTGCCAAGAGTTCAAAGCCATCTCACCCTAGGCATTGTC  
TTTATAGAAACCGTGAAGCCCTGCCAGACATCCGTTGAAGCTGACGAAGGT

ATTATCAGTTGGCGTCCAAATCGTGAGAAGTCCAACCTCCATCCCGTTGGCACACCC  
CAAACCCCTAATGAAAAAAGAGCCCCGCATCGGGGCTCCTGTGCGCTGGCGTG  
AAGCCTAGTCGGCGCCGGTGCCATGGCGGGGACGTTGTCGATCGTTGGCGTG  
CGAACCTTTGACAACCTAGCTCAGGCTGCCGCCTGACGTGCCATCAGTCT  
GTTGCGCGGCCAACGGTCAGAGTTATCTGAGCCGTATAGACTTGGCTTCGGTGGC  
GAAACTCAACTCCAATGCCCTGCCTCACCTCGGCCTGCGGTGGATGTGCATCCT  
CTCCAGATGCCTCAGCGTCAGCACCTCAATCGGCTGCGTAGAGAAGTTCTTCCA  
AGGCCTAGCCGCCACCATCGCTTTCGAGCCGCTTGATCCGCCCTGCTGGA  
TCGCTTGATGCGGGGAGACATGCCCTTCGCGCCAAAGGCCGCTGTGCT  
TGGCCACCACCTTCGTATTGGGATCGTATTCTTGCTCATAGAGCTTGGCTGCGCATC  
TAGCACGGCACCGCGCCCTGTAGGGTCGCACCAGCGCATGGCATACTGCCGA  
TTGAGCGAGCAAGCATCTCGGTGTCCTCAAAGAAAAATGGCTTGGCTGGCGTAGCTAT  
CCGCTGCCGGAAACGAGTGTGGAGTGCGCCCTGGAACCTGGCTCAATCTGG  
ATACCCGGGATCTGCCGCAATACTTCGAGAGACTGCTGAGCCACCTCTCGCTGGGCT  
TCGAGCCAATCTCAATCAATTGAGCCTCCGATTGAGCAACTCCGCGTCTGTCGG  
CCCGAGGACCGAGCCAGACCGTCACCGACTAACAGATGTCGGGCTGACCGCTGTA  
AGCGTATAGAGACCCGGCGAGGCGCTGGCGACGCCAACGCTCTTGATCT  
GCCGCACCCGCTCTGCCGCTGACAATGCCCTGCCACCTACTGTGCGCCCTCCA  
ATCCAGACTCTTGCCTGGCCCATCCGAAGTGCTGCCGATGGCTATGAGACG  
GTGGCACCTCGTGCACGAGACCACCGCTTTTCATGTGCTCAGCGACAAGCTTG  
AAAGGCCAGTGCCTCGCCACCTGCCCTCTCACCTCTGCTGTGAACCTCGT  
TTGCGCATACCGCCACTTGGCTTGCCAAAGTGCTGCCAGGCCGGCGTGAG  
TTCGCGGGCGCGTTCAAACCTCCATTACCGCGGCTCGTGTGCTGTGCTCGAG  
ACTGCGATGATCTACCGAGCCGGTAGCCCGATTTCAGTGCCTGCGATTGAC  
CATCGCGATGTCTTGCCTGGGATTGCGCAGCGCTCGTGTGCCGCCCCCTGCCGCG  
ATCAAACCTCGCAAGCGCGCTCCCCAGTCCTCGTGGCCACTTGTGCTGCTGA  
CATCAGCATATGCACATGATGATTGCGCTGATCACCATATTGCTTGGTGTGAC  
AGCGACCAATACGGCGACCTTGAACCGATTGACGAGCAATTGCCAAGCGACAAAG  
CGAGCACTCTCCGTTGTTGGATCGAGTTGGCGGAAGCGACACCTCGACTCTC  
GGCAAACCGTGCCTTGCCTCGCGCTCGGCCGCTCGTGTCCAAAATACT  
GTGCATCAAAGCACCACCTGGCGCTCTTGCCTGGCGCAAGCATCTGATGGAAATCG  
ACACCGCCTCGGTGGATAATTGACCGAGCCCCGTGCTGTATCGAGCAGATCA  
AACCTGCTCGGTAGGCTGCTGCGACCGAAGAGTCGCCATTGCCACTGAA  
GACTTCATTGTTGCGTGATAAAATGCCATTGTGAAACTCCTGTTGGAGCACAC  
AAAGAACGGCATAACATTCTGTCAGAGAGTTAACGAGCTCGACAGCAGAGAGA  
CCTTGATCGCAAGGTTGAAGAGGCTGTTGCCTAGCGGAGCAGGAAACGAG  
GTGGCGAAAGCCACCGCACCGACGCGCAGCGTGGCGACGGTTCTGCAAAGCAG  
AAACCATAAGTGCCTCTGCTCTAATTTCCTTGAATTGGCCACAGTTG  
GATCAACCACGGCTTTTACATATAAATATTACCAAGGAATGAATAAGA  
CCTGTACGAATCTGATTACGCCACGCCATGTGCGTTACGCTGACTGTCCATGC

AGAAGTGATGTTCCGTGGTTTCAGAAAATCCAAGCAGCAGGACGAATTGCCGTCA  
GATTGGTAGCATCACCTCTGACGATCGAACGCTAACGCTGCAACAGCTGCCGAAACA  
AGGAAGCGAAATGCCAATGACTACTGGGACATGGATGACAAGAACGACCCCAACC  
TGTTAACCTGCCAGCGT GAGCACCTCAATGCTGCTGCCCTTCCAGTGGAAAAC  
TGCCAGATGCTCCGTTCTGGCTCAATGAGCGCTGGTTCATGACTTAGGCATACC  
CATCCACGACGCCAACACTGAGCCCCGATCTCAGCGTCCCTGCTTGAGTGCTTG  
CGTGACCTCTATCGAAGCTCACTGCGTTGCCGGAGCTCGGCCAGACAGACACTGG  
CGCGGATCGCTATGGTGGAGCGGTGGGCAATACACGGAGGGAGTGGCGCTGTG  
GCTCCGATGGCATGCTCATGCCAAAGGAACCGGCCAACACCACGGTCTCCGAG  
GCCCATGATTGGTCACACTCCCATGGCTGTCTATCTTACGACGCCATTGCGAG  
GCAGTCGCCAGCGAGATCCTCAACGCAGAACTCCCCACGGGACAGTCCCCATCGT  
TGCCATCATCGATGCCGGCTTCTCCCTGGCGCGACCGATGCCGACGAGCCGGAGCG  
GTGCGCCATTCTGATCAGGCCGCTTCTGCGCTGGCGACTTCGAGCGCAGCCT  
GTATTTCGGAACATCAGGCAGCGAAACAGCGATCAATTCAAGATAGCCTGCGGG  
TCAGAGATGCCATCCACTTGCCGACGAACACGCGCAGCTGATGCCGGAAATCCC  
AATGGCCTAGGCCTTGACTTGTCTGAGCTCTACTTCCGCCCTGCCGAGCAAATTGCC  
GCAAGTCGCGCGCATGCCCTTGGACTGGACGCCGACAAGCGACAACATCACATC  
GAACGCGCAGTCCCTGGATTCCGGCTTCCGCGCAGTCCAGCTGGAAGCGTGG  
CACCGATGGACATCGTCACTTCCGGATGAGATGCGTATGTTGCCACTCGCT  
TCCCTCGCTTGCCTATTCTCAAGAAGTATTCCGCCCTTGACAAGGCAATGCCAAC  
ATCGATCAGCTGCTTATCCAGATCGAGCATCACATGGAAGCTGCCCTCCATCAC  
TGTGAAAAGCGTGTGCCCTGCCTCAGTCAGGCCAGAGGGCGTGCATTCAAAGCG  
CTCATTGCGCGCTACTACCGCGAGCAACAGCGCATTGACTATGCGTTGATCAGCCC  
ACAAAGCACGGCGAGCGCCACGATTGGCTCTGACCACATCAAAGGCAAAGCAAC  
CCAGGGCTCTCAGACAGGCAGGGAGATCAACTCGCTGCCGCAATTCCGAACG  
CAGCTCCATCTTGTGCCGCCAACCGCTGGCTGAGACCCACGACCACGCCCTTCC  
ATCGCGTCTCCAAGCGCCGGCGATCAAGCTGGTGCCTCGATATTGGCGATCGGT  
CGTCGGGACCCGAGCGGGTCTCGGCCCTTATCGCAACCGAGGTGCGGTCTCGGCC  
GTGTCTGGAAAGGCTTACCAACCACACTGGCTTGTCTGGCTACGCAAGCGATCACG  
TGTCCACCGCTTGTATTCTTGATACGCATCGTATGCCCTACAGTCCAGCTGGA  
GGGGCCACGCGTGCATGCCGAAACACTGCTTCCGGCGCGAAGTCGAGATGAGA  
CACTCGGCATACCAATTCTGCCATAGAACCGTCGCGTGTGACTGCGAACCCA  
CCAGCTACCTGGTAGGTCTAAGCTGAACGGCGTGCATCAATCCCTACCGCACTGC  
TCACCTTCCGGACGCTGCAGTGCAGCGCAGACATTGAGCTCAACCACGCCATG  
CAACCTAATGCCGTTGATGCGCAGCGCTGGCTGGCAATGCAACTCCTGTGCAAG  
ACTGACCGCAAGAAGTTCAAGTGCAGCGGCTTATGTGTTGCTATGCCCTGCAATT  
CGCCTAGGCCAGCTCGTACGATCGAACGACGAAGACGGGGTCTGGACCGGCTACGC  
CTTATGGCTTGTCTGACGCCCTGAAACCGCCACTTATTGGTTCTGCAAGATCCGCC  
GTTCTGCCAATTAGCGACTGGAACGAAGGTGATCAACTCTGGATCTGGATTTCGT  
GGCTATGCCAGGGCATACCGACGCCCTGGCGAGAGCACTCCGGCATCGCTGCC

CTCACTTCAAGCAAGCGTATCGCTTGGTGCAGAGATAAGACGGGCGCTATGCTGGGA  
ACCAAGACTCACACACTTCGCAAAGATGGCTGAGGAAGACACGTTGCTTCCTTGATA  
CGAATGGACGAACCGAACGACAAGGCAGTTGCAGCCTATGCACGAAGTGACATCA  
AGGTCGACCAAGGCCTGGACTGGATTGTTCTGGCTGGCTCGTTCTGGTTGCCCT  
ATCCGCTGATCGGCAGCACCTAGGCTATTGGCTCAGCGAAAAGTCGCTTCGATCG  
CAGTCATCGGTGCCCTGGCTGGAACGCACCCCTACTCCCTCAAATTCCATGGGC  
CCGCCATCTGACCAACGTCGTGCGCCGGCTGGAAAGCACCACGTCGCCACCGTCA  
AGGCTGGATTGTCTTGTCTCGATCATGGTCGCCCTCTCTCCTAGGCCTGTCCTG  
AGCGTTGTCGCCGGCAGCCTCCGCTGATTGCGCTGAGCTGCATCGCAGCAGCCTT  
GGCGCGCGACCCCTGGATGCCTCAGTCGATGCGTTCCGGATCGAACAAAGAGGCAGT  
GCACCAACAGCCAGCCAAGCTCCTCACTGCCTACCAATTGGCTACCGTATTGCTCT  
ACTGCTGAGCGACGGTCTGGTGTCTGCTGGCGCGCGCTGTCCTGGCAAGTTGC  
TTATGCAATTCTGCTGCCCTGATGTTGGTGCCCATCTGCGGAACGCTCTTCTGCGA  
TCTCATCCCATCGCGTCCCTCACCCAGGTCGACGAGTGCAGAGCAGGGGGC  
TCCGTTGGTGTGCGCTTCGACCCCTCCACGCTCCAAGGATGGATCGCGTGGTGTCTT  
CATCGGCTGCTATCGCCTACCGGACATTCTCTGGTCCCCATGATCAATCCCTCTTC  
TATGCCCTGGCATTGGAAAGAGCGTAGTCGGATCTCCATATCTGGCTTGGAAATC  
CCAGCAGCCTCCTCGGAATTGGTTGCAGGCACCAGCTGAAGCGATGCCCTG  
AGCACGACCATTCTGTTGGCGCGGCTCTCCAAGCCCTGCCCTGCTCGTTGCAT  
TGCTTCGTCAAACGAGCAGTCTGCTGAAC TGCTTGGCTAGCGTTATTCTCAA  
ACCTTGCCAGTAGCTATACCGGATAGCCCTGGTGTACATGTCAGGCTGGTCA  
CGCTTGGACGCGCAGGTGAGCACTACGCTTGGCTAACAGCTTACTCCATCTCG  
GCAGGGTGATTCCGGCTCTCAGGCCTTGAGTGGCTATCTCACACGCTCCATG  
GACAAAGCCAAGGCTATGGCACGTTTCATTGGCATCTGTGACTTGACACCTG  
CTTACTTGTCTACTCGGCATTCTCGAAGACAGATCATTAACCTCACTCCAAGCC  
TGAACGATCCGGACACATCTAGTCCGGATCATTTGACCAGCAATCTAGGGCCTGTTA  
ACACATCCGAAGCCCACATCAACGACTAGGACGAAGCTGAGGAATCCAAGGAACATGA  
CATCCAGCTTCTCGAAGCGCGAGAAAATCCGGCGGTAGCCTTCGAGCGACGGAAC  
AGTCTCTCCACTCGTTACGCCGTTGTACATCTCCCGTTGTATTCCAAGGCTCGA  
CCCGATTGGATTTCGGCGGGACCACCGGCA

>CONTIG\_24\_length\_11740\_cov\_27.610523

TCTCTGCACTGCAACGCTGCGCAGCATCGAGTATGCATTGACGAATCAGCGAGCGGT  
CGCGCGGGTCATTGCGCCTCCTGTCCTCTCCCCGGTAATCATCAAGCGTG  
CAGTGATTGAGCTCGCCAGCACGTCGCGTTGCTCATCGCTGGCGTATCGATCA  
GTCGATGGCATCAGCAAATGGCGCAAGACTCACGCCAGAGCCAGGCGCAAGCTG  
ACCCGGTTAACCGTCAGTCCAAGCCGCTCGCAAAGTCACCGAATAGCCAAAGGA  
ATTCCCTGCCTCCACGATGAAAATGCGGGCCGATAGATTGCGGCAACCTGATTGAG  
GATGTTATTGAGAGTTGAGATTGCCAGATCCAGTCGGGCCAAAGAGGAACAGT  
GGCGTTCATTTGCCGATCAAGCCGGTTGAACGGATCAAAGGTAATGACCCCGCCA

CCTCGGTTGAAAAAGGTGATGCCAGGATGCCAGTCAGTCCCTGGCTACGCCAGACC  
GGCGCAAATTGCTGCATGTTGAGCGAACATCAGTGGGTGACCAACTGCCGGCGA  
TCCACGCCCTGGGTGAGACGCAGGGAAAGCCAACGGAGGTAGCTGTTGAGCGCGC  
AACTTCGCTCCTCCCGTACAGGCTGCAACCCGGCATTGAGCATGACGTTGGCGAG  
CTGAAGCCCACGGCGATCAAGCTGGATTGTCACGTCCGTGAGATAAAAGGCA  
ACGTGCCCGATAACAACCTGTGAGCGCTGCAATCAGTGAGCGGGCTCGTGCACGT  
CCTTGAGTGCTTCCGAGGGTTCTCCAACCGCTTCTGGCCAAGTGGTT  
GAGGTGAGCCTCCAACACATCTGCGGTGCGACGAGCGTAAGGCACAGCGTCG  
TGTCTCCGGCATTGGTCGAACAGAGTATTGATAGCGTCACCTTGCGGGTTCGCC  
CGTGAGGTGGCCGGTTACCGGCGGATACGCAAACGGTGGTGAACATCACAGGAT  
GAGGGAGGCTATCGAAATACCACAAGCCTGATCGACATCTGAGCGTGAGCG  
AAGAACAGCCGCTGACTGAAGTCCACCCCGCTAGCCAGCTCAATTTCATCAGGCTCC  
GGGTTTGGGATAGGCGCAAGCTGGTAGAACCATCTCAACAACCACGCATGGATTGAGGT  
CCCAGTACCGTCGGGTGGATTGAACCATCTCAACAACCACGCATGGATTGAGGT  
GCACCGAGCCGGTTGACTGAATGCCGGTGTGCTCAAACACCTACCAATCGATCG  
CACACAGTATTAAGGGCTGCTCGGGCGTCTGCGACGCCCTGCTCTGGCTTGAA  
GACCGCCGGTACACCACCATCGTACCGACGGGCTGCCACGCCAACGAAGACG  
TGTACACAGCTGCTCAAACAAGCCACCTGGCTCGCAACTGCTCGCAGGTGGT  
AGCAAAAAACCTGAGATAAAATCGAAATTGACTCCTCGCACGGGCTGAA  
TGTAATCGTCAGCGTCTGAAGGTATTGGTCGAAGTTGCCTCGCTGAGCATATA  
GCTGGACAACCCAAAGGATTCTCGTCGAGCTCGAAACTGCTCGCAGCGCATTCT  
CCAGTGCATCACGGGCTGAGCGAGCCATACAGCCTCTGCCCGTGGCAGCG  
GCGTCAGCTAAAAAAAGCGCGACTGACTGGCGTCTCGAGCAGCATGCACTGT  
GTCTCCGGCAGGAACCTCACCAAGGCAGCAGTGCAGAACGACGGAGCCACATC  
ATAAAGTGCCTCCTCGTCGTCTGAAGTAGCCGGGACTCGCGTCAGCTTACCAAGG  
AGCTTGAATGCCCTCGCGCAGCGCTGTAGGTAGCGCTGCCAGCCGTCGGGCT  
TCCATCGCGTCAGGCATGGAATGGCATGCTTGGCGTAACCAAGGGAGCGTCC  
AGGACATCAGTAGTCCTCCACACGCTGCCAGGCATCGAGTACTGAATCCGCTGGTA  
AAGCGGAAACACACAGTCGTATAGCCAGGCACCGGCACAGGGTCGGTACCGGTAA  
GTGGGAACACATACATCACCAGATCGGATTGGGAGGCAGGTGAAACTGTCGATAG  
ATTCATTGGACGCCGTGGGTGTAACGAGATTGCTCTGAGGGAGCTCGGCCAAG  
TCTGCCTCTGCAAAGGCCCGCAGCGTCTGGCGCATCTAGCAACTGGCGACCA  
GCGACCTGGCCTGAGCCACCATCACCAGCCTTGCTGCCAGATTCTGCATGCTT  
TGTCCCCATGGTCACAAATTGCTTTGCGCGCAGCCAGGGCTTACCGCAGGCCACC  
GCTGCCATGGCGAGCACCACGGTTAACCGAGTCAGAGCATGGCTAGGGCTTATCGAG  
ACGGTGATCGACCTTGCGGCCATTGGCGTACATACACCGCAGCGAACGGCTGGCGT  
GTGGACGGCGACTTGGCACCTGGCTGTACATACACCGCAGCGAACGGCTGGCGT  
AGAGTTGCTAACCCAGCTGACATTCTGGACACTACCGGCCAGGATCCGGCGA  
CCGCTCTGACCAAGTGATGCCGACGGTCCGACTGAGCCATCGGCTCCGACATAGG  
AAGCCCCGGCCACTATCAGATTGATCATTGAAGCGACGCCCTGCCGGCAGCGGTG

ATCAGGGCTTGTGAGCCCAGATATTGTTGCGCGTTGCTGCGACGTTGCCGTTGACA  
CATGGGATGCCATAGGGATCGCTGATCCAGCCAAGACCTTCCTGCTGTTGTCACTC  
TGCTGGTCGCCGTCCGGCTCGGGATCGTGC GGATGGTGCCGTATTGAAGACA  
AAGGTGATGCTGCGCACCTGCCACGCACGCAAGAAAGCGTCCAATCCCGTGC GGC  
AGTACC GCTGAATACCGCCCCGCCACATCAGGGAGGTGATGCCATTGCGGTCA  
GGTTATCCGGGCCCACCAAGTACCTTGAATGGATAAGGATCGTTGACAGTGC C ATCGA  
TCGGGACTCGACCGATCAGTGCAGTCATGCCACCGAGGCCATT AATGTCGAGTTGG  
TTGGCACGGTGTAGACCGCTCTGGTCGTGGCTGCTCCGACGGCTTGGCGCTGGCTT  
TAACGGTTGATT CGGCTGTTCTTCCAGCGTGC GCTGGGCCGGCCAAAGCTGGTTG  
GAAAGCTGGGTGATCCCCACCGCTTCGTCATCAGTCTGCTTTGTCTCGGGTTC  
CACCCAACGCATACCACTGCCGGAGCCAGACATGCCATCGCGTGC C ATCGCGTA  
ATCCCAGCCCCACAGGTAAATCGGCATTGCCGCCGGTGTGCGC ATCTGTCCAAAC  
GCCGCTGCAAATCCTGTAGCAAACCTTCGGTCTGCTGGCGTTCTGAGTTGAGCTGTT  
GCTGGTCACGACGAAGGTTGGCGCGCTCGGATTCCAGCGCATTGCCAATGCGTTGAT  
CGATTGCCGATT CACGCTGGCGAAGTCGCTGATTCTCATCTCGTTGCGTCTTGTGTC  
AGACGTGGCCG TCTGCAGCTCTGTACGCAGCTGCTCACCTGGCGACCAAGGTGGC  
TACCGTGT CGCGTGGTGTATGCCCTCAATGCCAGCGCCTCATTCTTCAGGGGTG  
AGTTGGGCACCCGCATCGGCGG TGCCGGGGCTGATGAGCACCGCCGCCGAAAA  
TTGCCCTGATGCCGAAAAAACAACACCAGCAGTGC CACTGGAATCATCAACC ACTTCA  
GCAAACCGTTACTGTGCATGCCATCTCCTGCGCAGGCGCGGCCGGTGC GGCAGG  
TTTACTGTTGGTCAAAGCGCTGGATAGCTGGTAACAGTGA CTGGCAAGCTACGA  
CCACGAGTGACCACGTAGACGACTGTGGTCTCTGACTGGCCGTGCGGTCTTAGG  
GCCGGATGCTGGAAGGCCGAGTCAGGATGTCGCCCTGAAGCGTACGCGGGTCAAG  
ATCGATCCAGGTCCACTGGTATTGGTCAACTGGACGGCGGTACCCATTGGCCTC  
CAAGCGCCAGGAGGCAAGCGCAGTAGCTTGACCGGCAAGGTGGTAACAGTGTCT  
CAAGCGGTAGGTTACGGCGCAGGTTACCCGAGTAACTCCAGGAGCCGCTTCGACA  
GTACGTAGCGCGCATAGAGATTCTGGCGGCGTATCGAGTGAGGACTACTGCAAC  
CGGAGTCTCGCGTTGTTGAGCGGGCAGGGACTTGATGTCCGGATCAGCATCTC  
TGCCTCGGATGGCTCTCGCCGTAGCGGGTTGGCGTGTGGGACCATCAACGATGCG  
CACCGGTTCCAAGGGCGGAACGCCCTACCCCCAACCTGGCACTGATGTCGAGCA  
AAATGAGGGCCCCGGTATCGGCATCTTGCAGCTGCAGCCGGTAGGCTCGATGGGT  
GCGTTGCGCGCAGATAGACTGCGCCGCTGCGCTCTGGACACGGAGACGCTCGCCT  
ACGTTAGCCGGCACCCGATCGGACATTGCGATCAACGAATACGATTGCTCTTGG  
TCTACGACCAGCGGAATAGCCAGAGGCAGCGCTCCAGGT CAGGATTGAACCGC  
ATGAGCCTGGGGCTCATCGCTATGGCAATGACGCTGCTAAGCCAGAAGGCGAATT  
GATGCTTCATGGTTCTCCTGGCATCCAGGCCACTCGAGTCGGCGCAGGATC  
AGTCACATCGGGTGTCCAATGCGCTGAGGCGCCGT CATAACAGTCGATGCCA  
GACCGAATGGGTTGCGCGTGGGATCCACGTCGGCCCTACCACTTGATCAGATAGC  
GCACCA GAGCGCGCTTGACCTGTTGGAGGCCGTAGTACTCGTCCCGC GTGATGTCTA  
GGGTGACCACCCAAATCGCGCTCTGATACGACGCGCACGCGGAGGCCAGGGTTGCG

CCGTAGCCGCGACCTGGAATTCATAGATTCCCGCGCACACGTTCGCGCAATTACCCC  
GCGTTACGCCGATAGTCGAATCGGCCTGAAGGAATCCCTGCATGCAGGCGTGAA  
GTACGGCGAAAGCGCATGCAGGTTGCGCGCTAGTCGTTCTGCCATTGGTCGGCCA  
TCGGTTGAGTTGCTGGAATACGTAGAACGTGAAGGCATAACACCGATTCCGGCGGCA  
CCTCCCACCACTTGCCTGCTGCCAGAGCGCAGATCCGGCGGACATGGACGGTG  
AGGTCGCGCGCGCTCCACCAGCACCAGCCATGACCAAGGAATAATCAGCAG  
GGCTCCAACGCCAAGGCGAACGTCTTGTATGTGCTGTAGGTGCATGACCTCGTT  
TTTGAATCGGCTCATCCTGCTTCCTCGAACCGACCAGAAACCAAGAGCGGGTGACC  
AGCGCCTGCCACCAACCAACCGCGACGGTGGGTGACGCGTCGTCAACCCACCA  
CTGCAGATGTCGGTAAAGCCATGTGTCGGTGGCCGCGCTCTGTCGACGCAGGAT  
GCCACCACCAACGAACACCCCCAATAGCTACCGCTGCCACCATGAAGGTGGTGC  
GCGCTATGGTCGAGAACATCCAGGAAAGAGGTCCACCAACCAGCCGGTGC  
CCTGACAGGCCGAGCAGACCCACAGTTCATCTGCGGTAGTCCACCCACCA  
GGATGACGGTTGAGCCGGTGCAGCAAGAAAAGACACTGTGCCGTCTCGGACATG  
CGGGTAATCGGACATGACCAAGGCCCTACAGGATGCCGGTGGCTCGGTGAGCAG  
CCAGATGCCACTACGAGCAGCACAGGCCGATTGCCACCGTCAAACCGAATTGGC  
CCCAGGTCTTGCACCATTGTGAATCTGGCGTAGGTGCCATAGGCGTGGTAGCAGA  
CCCCGATAAACATGGACGCCACCAACAGGCCACCAGCAGCACGATGTCGTAG  
CCATAGTTACGGATGGTCTCCATGATCCCGTGCAGTGCAGCGAGGGATTCTCC  
AGCGTGGGAAGCCCTGGGCTGAGGACACAGTTGGTAGACCCAGTACTCCAAGCGC  
AGATGCCAGCCGGAGAGAGATACGAGAGAGAGAAAAGCGCGTCTCATGTTGGT  
CCTTCAAGATCAAGAGAGGGAGAAAAACGTCAGCACGATGTACATGGCAAAAAG  
CGCACCAACGACACCCAGGAACGCCGGTGGTGAATACCGCTGGCTCTAGCCCAGCC  
TAAGCCGTGCGGATGCCCATGCGCCCCAAAGCAGCAGAACGCCAACCATGCC  
GATCAGCACCGCGGTATCGCGCGGGTGCAATACCGCTGGCTGAAACGCC  
AGACCTGTGCGCCGTTATGGTAGGAATCGGTATGCCGGCTGGCCCTGCG  
TTCGGCTCGGTACTGGCCGACGATTCGACCGGATCTCTAGGCTGGCACGTGGCG  
CGTGAGGTAGTCTGTAGACCGACACGTACACGTGCTACGTCGGCGCAGCC  
TGTAATCGAGGTAGTAGCGCTGCCGGGGCAACGACAGTTGAGGTTTCGCTGTT  
GGATCAGGCGATCCAGCGCGTCGAGTTGCGAAGTGCAGCGGCGATGCTGGCC  
TGAGCAGGCGGGCTGGCTGCAAGGCCACATATCGGCATTGAAATGAACGCC  
GGTGAGTGCGGGTGCAGGCCACATATCGGCATTGAAATGAACGCC  
CGCCCTCCTCGTCAGATCAACAGTTGAGTGATCGTACCGGGAGTGCAGATGC  
TGCAAAGAACAGGGACTCAGCGAGCCGGATTGATGCCGAAGCCACTGTCTATGC  
GTGTGTCTAGCAGTGCCTGACTTGATGCACGCCAACAGGATTGACCGTGC  
AGTCGAAGGAAGGAATAGGAATGACATGCCCTGAGAATGCCATGCGTGGTGG  
GCAATATCTCTTCAGTTACCTGGCTCTGGGGCAACTCAATGACA  
GAACCAAGCCGTAATCTGCCGAGTCAGTGCATTGGACTGAGCAGTTGG  
GTGCCAAACGTATCTTGACGTGAGCACGCCACGTAGAAAAGGTTGC  
CAAATCGCGCACGCTGTCCGCAGGCGGCTCAGCCTCACACCATTGAGCATT  
CAG

CGAAGTTATACTCGTCCAGCCGCGCCCTAGGACAACGACGACGTTCTCAAACACTCAG  
CTCCCTTAACCCCAGCTTGTCGAAAGCGTGTGCCATCGATGAACTCATCAA  
GTGCTATCAATTACGATAAGAAACCCCCCGCAATTTCGAAGCTCGTAACCCGCC  
GTGGTTCTCGTCACTCACCTCTCCCCAGCAGCCTAACCTTGCTCGTCCGCAC  
CAAGGCATCGGCAATTGTATTGGGTATCCTACGGAGATAATCTATTACGTGCC  
AATAGTTCTGTAGCCTAGCTCGTAGCTGAGCTGTCCATCGCTCGACCCACGCC  
TTATGCCATGCTGGCGATTGTTGGACGGTCACTCGCTAAGTGGTGAACATTG  
CCATAACGACGCTGAGCGTATGCCCGCAAGCGGGTCAAAATGATCAGTAAGGTA  
CTTTATGTGTGGATCTCCTTCTTAACCACGACTCATTGAACCGCCCATAGATCGG  
GGAATAGACTCGTAGCCTGCTCCCTGGCGATGCCGCTATGGTGGAGTATCAAATC  
TTGGTTCTGGCGAGAAGTCCCACCTTCAGCTATGAGCCGCGCTTAAGGTGT  
GAAAAATACGCCGTGCAGCTCGCGCTAGTATCACCTTCCAATGCCGCCACCC  
TGCCTGTCGTGACGCCAGGCCACAATTGGTGTGAAACACCCGCCCTCACCG  
ATCAATTCAAGGTCACCTACCATCTGAAGTAATTCAAGGCCATGTGATTAAGCACG  
TCGACAATGCGAGAGGCAGATCGGAAATTGCACTTGTGATCACATGAAGAGCT  
TCATGTTCAATCAAGCCACAACCTGAACCGTAGATTTTGCCAGTGATCCCCAAAT  
AGACCAATCAACGCCCTCTTACGATCCAAAACCATGACCTAAAGCTCGAAG  
AACTGCTCATCCGTGTCGTGACGGCAATGCTGAATCATCAAAGTGAGCACATCT  
TCGTGCCAATCGAGACTCTCGTCAGAGACCCCTAGGGATGCCATTGTAATGG  
ATCACCGCCCTGAATTCTGCGACGGCAATGCTGAATCATCAAAGTGAGCACATCT  
TCGTGCCAATCGAGACTCTCGTCAGAGACCCCTAGGGATGCCATTGTAATGG  
CCACTGAGGAAGGTCCGAAGAGACGTCTGAAAATCCTGAGAACAGACCAGCAGAA  
GCCATGCACCGTATCTGCTCGATCGCAGGGTGGCCTGAAAACGAGAGATGATT  
CGTCTTCGCAACATTAGTATAGGTGATGCAAGGCAATTGCTGCCCTGACGGACCA  
AGGCAGTTCCCACCTTCGATCAGAAGGCTCAGGGCCTCTCAAGAGAGATGTT  
TGCCCGCACCTGCTCCGGCTTCGAGTCGAAAACCTTGGCCTCGTGGAGACATGCGA  
ACATGCGTTCTAGTGCTGACCGGAATGTCGCTGGCTCTTGATGGTAA  
GCATCACCATTGCCCTTTCAGTGGCTATTATCTGACCGGCAGCCTCTGCGACGGCG  
GCCATTCCCTGGACAGCTACCTGCACATGGACAATGGAGCGCCAACGGCTAACCA  
CCTCAATCCTCTGCGATGTATCGAGGCACCACCCAAATTGCTATCCTCAATCGCATA  
TTTCAGAGCGAACTCAGATTTCTGATCAGCCGATGCCCTATAAGCCAAAGCGC  
TGCATCACCATGCCCTAAATCAAATAGGCCAGATTGCCAGAACAGGGCTCCT  
CAAAACTCTGCCGATGGTCCATCGGCTACATCAGGTACCTGGTATGCCAGACGCC  
TAGCTCCCTCGTCTCTACCGACGTTTGCAAGCAGTTGCGTCGGAGAGATGTT  
GGGTTCAAACCAGTCCTGAGGCATCCATTGCTGGTAAGTGCACCTCTGCCACGGG  
ACAAGCCTTACGTTGTTCTCGTTGGCTAACGGAATCGATATCCGTACAATC  
AGGGTACGCAGCTCCAGAAACGAGAGAACGGTGGAACCGGTGCGCATACGCC  
ACCAACTCCATCACGGTCACGTATTGACTAGCAAGCTGGTCAACCGACCGCAGC  
TGAGTCAGTTGGCAATCATGGTCGGCAAAAGCAGACGCTCAGATGTGCCCTCAAT  
CAAGATTGCCCTGTCTGCAAAAAACAGATCACAGCGCTGAGCGTGAGGTACTGGT

GCAAAAAGTCTCTATCCGGCAGAGACACGCCACCCATTCCCTGTCAGAGGTCTTGA  
TTTGACTGCCGGACACCGTGTTCATCGGCCGCTGACAAGAAGTAACGCATAGTT  
CAAAGCGCGCTCGTGGCATATCGGAGAATGAGTGGAAATCACAAACTGCACT  
GGCCATGGCCGACTGTCGTTCAACTGCCTCTCAAATTCCCCTTGATCAGATGGAGC  
TGACGGATGAAAACCTCCTGCATCTGGGATGCAAATGTGCTTCAGGCTCTCGATG  
AAAATGAGGTGGACACTGCCGCTGGCGTGCCTGAAACTCCCTAAAAAATTT  
AGCAACTGAAGAAGGATATACCAAATTGCGCACGCCTAACCGTTGTAGCTCTCC  
GGCAAAGTCAGTCATTACGCCCGATACTAACCTGCGTATGGTCTTAAGCAGC  
CGCTCGACATCGAAGGTGACGGTTGTAAGGCCAGGATCATCGAGCCCCGGTA  
TCCAAACAGCTCGAATGTCGGAGTAGTGATGTCAGACCGCGTTGAAGCCGTAC  
GAAGATCCTCTGAATTTCACGGCACCGTGAAGTTGTCAGCGTTGTGCGCTT  
TTGAGGATCGGTCGGATCCGTCAAGGCCACTGGAAAAGCACCTAACCACTTGC  
CAAGGACATCGCGTCCCGATGGGTGTCATCGTAGTCCCGTTGCGCATTGATGA  
ATCCTCCCGGGATCAGGGCGTTGAGATATCTGAGTTCAAGACTCTTCGGTTAATAG  
GGTCGTTAGGGTCGACAGCTCAAGTCGAGCCTCGTATGACGAGGCTAGCGTACCT  
TGATGAGATTAAAAAACGCAGACCTGTCAAATTGTTCATCTCCAGGTAGCGGAATTG  
CCTCGAACAAATGAATCCAAGCTGTAGGCTCGGCCATACGTGAGTACGATGCGC  
GCGCACGAACAATTGGATTAAGATCCACGATGCACTCGTGAGCGAACCCAGATC  
CGCGCCTTGATGTCGAAGAAATGTCCAGCGTAACTGGACAGCTGGAAGAATT  
TGCACGTCGGCACGGGGACACCATTATGTAACGCATCAAATGCTGTCCAAAACC  
GCTCGTGGCAGCCGAGGGAAAAGTCTCTAATTGAAAGAGGGAGCCCTGTCGAG  
AGCAACCGACGAAATACCTCGGAATAGACGTCTGCCACAGTTGTTACGTCCCACA  
ATCAAAGTGGTCCAACCTCAAGTCAAGACTGACGTCTGAAGCAACCTGAAATT  
CGAATTCAACCGCCTCGATCTGCATGATGTCCTACCGTGAATCGTATTGCCATC  
AATGTAGATGCAAACGCTGGATAGTCAATACCGACTCAAGAGTGCACTTGACGTC  
AACGATCAAGAGCAGCTAACAAAGACTCCTGCTCCGCCGTCAAGCGAGCGCGGCAT  
GCTCGGAATCGGCTGTAGCACTCGTACAGTCCGGTCCCGCGCCCTCCGCACC  
CACCTGACCGCTGGTCGCTACGTTGTCGCCGCTCCAGCTAATGTGGCTGCGGTT  
GTAGCTCAGGGCATATCTATAACCGGAAATTGTTAAAGAGCTCCGACGTCCCC  
CCGACTCTGATCCACCACTCCCCCTGCATGGTCAGAGCTGACGATTTCACAGAA  
TACTGCTTGTCTTGCCCATCAACGCCAGCAACTGAATGCCAGCGCGCAATACAAT  
GTAGTGTCCGAATCTAGGCGAGCTGATTGCTATTGCGTTGGCTATGACCCCT  
CGAGCATCGAGAATCCGGAACTGGCCGCTGATTCTGGTAAGAAGTGCCTGGCGC  
ATAGTCTCCGCTCAGCCCGAAGTCACGAAGCCCTGATCTAGCGCTACAGCACTT  
GGTACGACTGTTGAGTCCCGAAGGTAAGTGCCTTACCGACCGCAACAGG  
AAACTTGCCTAGCCATGCCAACGTATTCCGGAGAAAATATCGTGCCTACG  
ACAGAAGATTAAGGTACTTTAAAGCTACCAGCGGTAGGTTGTCACAAATCCC  
AATAGCGCAGCGCTCGGGAGCAAGATGAGCAGCGGGTGGACTGAAATCGGTAGCGC  
CAAGTAGATCACCAGGGCAGGATGCCAGCGCATGAGCGAAGCCTGGCGCGGT  
GGTAGA

>CONTIG\_25\_length\_11605\_cov\_15.467852

GGATCAACCGTGGACAAGCTGAGTAAGACAGACGCTGATTGCTATCGCTGCC  
GACGAGTGCCGAGAACCTCAAGAACTGACACTCAACCGCACCCGCCAGCCAGATG  
GGACGGTGACGGAGCAATGGCAGATCGATAGTCGAAGGACTTGAAGCTGTATCGG  
CAGCTCATGGAGCTGGAAGCAATGGCCGGCGCTGCCTGCAGGCTGGGCAGTTCC  
GGTGGCCCGCCAACCATGTTGGCTACCGCATGCAGGCCCGAGTAGGCAGGCCT  
CTGCGCCGGCCATTGAAACGATGACGCTGGCAAAGCCCCTGACCGCTTCCGGCG  
ACCCTCAAAGGCTGACGCTCCCGAAGACTTACACCATAAAAAGACGGCGATTGA  
GGCATTGGTTAGTTCTCGGGGAGAAGGCCAAGGTCCACGCCATACCCGGTCCG  
ACCTGGCTCGCTGGTATCAGGAGATGCAGGGAGAAGGGCGCTTCCACGCCAGCCTC  
ACGAACAAACAGAGCTACATGGCGGCAAGGGGGTTCTCGAATGGGCCATGGC  
GTCGGGCCACTACCCGAAAGGCGACAACCCCTGCTAGCGGCCACGTCACTCCC  
ACCGCGAAAAGCGGGCCCGAAGAAGTTGGTTCAAAGCGTATGACCGTGACAG  
ATCCAGGCCTGTTGCCCGAGGCGTTGGCCAAGCTGTCCAGTCGGCCCTTGG  
GCCTCGCTCATTGGACTCTACGGGGCGAGGCATCTGAGGTGGCCAGCTCCTC  
GTCAAGGACGTGTTAGAGGAGGACGGCATCCCTGCATTGTATCTGGATGAAGG  
CGAGCATCAGAAAGTAAAGACTGAGGTGAGCCTCGAACGGTGGCCCTCCATCCC  
AAATCCTCGAAATGGGCTCCTGGATTGGATCGATGGCAAGCGCAAGGTGGTGA  
ACGAGGCTGTTCCCGCAGCTAAGGCCACGGCAGTCAACGGCAGGGCAACTGGAT  
CACCAAAGCGTTAGTAGACATCTGGCCGAGGTGGGAAGGGCTGGTGCCGGCAA  
ACCGAGGCTTCCATTGCTCAGAAAGACGTTATCCAGGAGCTACAGGGGCTGGT  
GTGGTTCGGAACTCCGGCGAGATCGTCGGCACGAGCTCGATGATGAGCATCA  
TGCGACATATAGCCGAAACCTTACTGTGGTTGAAAAGCTCACGGACTGGGGCGC  
ATTCTCCTGGCTTAAGTTCCCTAGCTTGGAGCTCGCGGTGACCCAGCTCGCCTAGTC  
GATGCAAAGATATGACGGTAACACTCATTAGCCGGAGCTCGGGCGATCACTACGTCA  
GATTCAAGAACACCGCTAGCCTTATCGATAACGGATCGCAGGCTGAATTGAC  
CTGGCTTAGATTCCCTCAAGTTAGGTTCCGGTTCGCTTCCATGCATCAGGGGGC  
AGCTTGAACGACGATATAACATGTAAGGGCGGAGTGTGTTGTAAGCGGGAGG  
AGATTGGGTTATTCTAAATGGGCTTGGTTCTGTGCCAATCATTAGTATAAGG  
ACTTCTAGCAGGTGAGTTATGTTAAGGAGCAGCCATGTCTGAGCAGGAAAGCGAT  
GTTCAAGTGCAGCCAGTATATGTGGCATTCAGGGAGGAGGAGCGAAAGGTGCGAT  
TCACATTGGGCCCTAGAGCACTGAATCTAATATAGTAGCTGAAAACCTTTGGG  
CAAAACCTAAAGCCAAATAGTGGCGTGGCAGGCACCTCAGCTGGATCGATTAT  
GGCTGCCTCGTAGCATGCAAATATGAAGCTAATGAATTGTTAAGAATGATTCTGA  
GCTTGGTTCTGAAAAAATGATGGGGGTGGGAAGGGTCTGACCAGTATGTT  
TACCTGGCGGGCTGGCTAAAATTAGTTGGCAAGGTTCTATCTAAATTGTCCGC  
TGTGGCCCTGTGATTATATCGGTCTCTGCTCGCTGGTTATACTGCTATTGGCCAGT  
CCTCAAATTGTTCGAGTAGCTATGGGCGATCTACGATACGGCTCCTGACTTCG  
TCTTATGTGGCCGTAGCTGTATATTCTTGGATTGCTATTATTCTTAGGCC  
GGGTCTGGCTCCTCTCAAAGAAGTCAAGTGCATAAATAGAGCTTGTGGAAAG

TGATATTAAAGGTAAACCTCCCTGTATGTTACGTTAGGCAGCTGAGGTGGC  
CGGTGGTAGGCCCTAAAATAGTCTAACCAATCTCACCAACTAAAGGCATAACAGGT  
TTTTCGCGAGATCAACTCCTGACGTCTAACATTGAGCTTGCATGATCATGATAGGAAGTGC  
AAATTCTGGATGGAGGCCGCTTCCAATTGCCGCTATGGTATTGACGAGGAG  
CGGCGGGTAGATGATTGGGAGCTGGACCATTGGATTTCGATCGTGGTGAGAC  
GTCAGAGAAATCTCATTGGCTGGGCCATTCTCGATGCTGCTGCTGGGCC  
GGAGATCCACGCTCGTGAATAGATAATCTTATGGTTCCATTAAAGTACTCACT  
GGGAATGCTCGATTTGGTGCCTCTAAAGGACTTAAGAAAGAAATCGATTGTGT  
TGAAAAGGTTGCTAGCAATATCATAGTTCTGCCTGATGAGTGGCATGTGGAAGG  
AGTTCTGCGCGTCTGGGATTCTCTTGCGATCGTCAAGCGTGAGCTGAAGAG  
ATGTGGATAGGCAAGAAGATAAGTTGAAGTTGGCAATTGCGTGTCCGGTAATA  
ATGGTAATGGAGGCATGGTCACTCGTTCCGTAGCGGATATCAGTTACGATATT  
GCGAACGAGCGGTAGGGAAATGACTCAAGTCCTATCATCGATTCAGCTGAAGCGC  
AAGAAGAACGATATAAGGCTGAGCAGCAGTATCTGGATTGTCCTGCCTTAAA  
ACGACGGCGGGCAGGGTGGTGCCTCAGTGATCCTGATAGAGTCACCAGACTGAC  
ATCTAGCGATGTTGCCGTATATGATTGTGAGTTGAAAGAGGCCATTGGTCAGTT  
GGCGGAAACGTTGTCTGATGCGAGTCAAATGGATTGAAAGCGGAAGTCGGCT  
CGATTGTTTCCGGAGACGAATAATGGAACGTAAAATCGCTAACGAAATATTGAC  
GTGACGATGGTTGATGAAAACGGCAATCGAACGAAGCGAAGTGTTCGCAAAAAAA  
GGCAGGTTTACCGTAACTATTAAGCCAGCGAGTGCATCTGAGAAGAGGCCATTGG  
TGGCCACCGAGCCATTATAAGCAGAGGCCGCTGAAGGCCATTGGTGA  
GGCGTCTCCTCAATCCGGACGCTAACGCCGCCAGCCGCTGACCTGAGTCGCTGAC  
GCGAACAAAGATGCTTCAGTTGTAAGTTCTCAAGCTGGATCCTGTCCAG  
CATATCTATGAACCAGCAGGGCTGCGCTATGCCGCTTGCTGCGCTTAAGGTGCTA  
GGTTACTGAGTCAGCTTCTGCCACCGGGGGCGTATCCCTAGCCTGAGGCCACACAG  
CTTGATCGGGTAGAGGCCCTACCTTCCGTGTTCTGCCGGGCTAAGCGGCC  
AGACAAGGAGCCCAGGGCTAGGAAGAGCAGAGACAGCGAATGCCGCC  
AAACCGGCTCTGACAATCATCAACTCCGGGTTCGGCTGGTCAACGAGGGGAAG  
GGGCGCGCTCATTGGCGTAGGCCCTGTGACCAATGCTTCTGGTTGCGTAGGAA  
GGCGGGCCGCCACAAGCACAGAGTATCTCCGGAGTGCTGAAGCCAGCTACGGCAA  
CCGTGGCGTCTGCCAGGTGCTATATAGCACGGGTTCGCTCGAAATGGGCTAA  
CTACGCCCTCCCTGCCAGGTGCTATAGCACGGGTTCGCTCGAAATGGGCTAA  
TGCGGTCAAGGATGCGGCTAACCTCGGTGCTGGCGCAGCAGTCGCCAACGC  
ACTCAGCCCCAGCCCTAGGCTCCATCTGGAAAGCGACACCAACACCCCCGCCAGCT  
GGCCTGCTGACGCCGGAGGCTGCTGCCAGCGCCAAACAGCGTCGCCATGCTC  
GCGGTGCTGGCCAACAAGTAGGCCGGAGGGACTTCAAGGGCTTAGCCAGCTCGAA  
CAAGGCCTCCAACGAAATCGACATGGCTCCGACTCGTATCTGGAGAGCCTCGCC  
AAGCTGTGTATTGTCCAGGCTCATCGCATCCCTACCTCGCGCTGACTCAAGCCCC  
GCAGCTCGCGGGCTGGAGCAGGCCGCGGCGACCACATCGCGGGAGCGATCGGG

GCAGGGCTTCACAGGCTGAACAAATGCAGTGCAGGCATGCCAGAGCATGACGGAAC  
CGCTACGCCCGGGTAGACTCTACGTGACACGTAACTTGTCGAACCCAAAGGAG  
AGGGGCATGAAGAAGCAGTGGGCAGCGGCCACAGGCAGCGTGCCTGGCAGCAA  
GCATGGCGGTGCAAGCGCAGGACAGGGAAATCTTCTCAGCAGATTGGCGGGCC  
ATCACCGGGCTCCGCAGGCATCGACGGACAGGGCCAAGAGCCCCTATCTCGATCC  
GCAAGGAGCCTACTGGACCTCGACCAGGACGAACCTGGCAGGCGCAACACATCC  
GCGCTGGGTGGCGTCCACGGCCTCGCGGGCTACCAACACCTGCAGTGCAGGCTG  
ATTGCGTCACCGGTCCAGCTACCGCTTGAGCAAGACCGAGCGCAGCAGTGT  
GTATGGCGAGTGGCTGATCGATACGAAGCGAACGGCCTAATGGCATACCGCTC  
AGGAGCCGGAAGCCATTGAGCGCAAGTATGGCGCGCCCTTGATGCGCGGGCCAG  
CGCTTCGGGGCATCGACCGGTTGCCGTTCGCCCCATTGGTCGACCAGCCGCA  
TACGACCTAACCGTGGCGTCTGGACATTCATGTGCCGATTCTGGATCACCGGA  
TTCCAGGTAGAGGGCATCACGGCGAGGGTTGTCCCGACCAGTGCCTCGAGTGA  
GCGATCCGTTGGACACCCCAGCATGCCGGCACTTCATCTCCGATCCGATGAG  
CGAGAGCGAAGCCACCGGATTGTTAACGAGGGCAGGGACGCCAGGGACGATCTGG  
TGGTCTCACCGTCAAGCGGGCTGGTTGGAGAACGGAGGCCGCGCCGAGGTG  
GATGTTAACCGTCCAGGTGGTTACCGAAACGAGGTACGGTGTGGACCTGAC  
CAAACAGAAGAAGGGAGAGTCGTGATGCCGACATTCAACGTGTTGGATTCCGGC  
GTGCTTCTGGCGTTGGCTTGCGCTGTGGTCAAAGCATGCCAGCAAGGA  
GGACGCTGTCAAAGCAGTAGAGCGATTCTTACTGAGCAGGGAGGCAGGCAACGC  
TTCAGCGGACTTGGCGGTTGAAGTCAGGAAGCGAGCGGGCTGGAGATGCCCTGC  
ACAAAACGCCAACGGTGTACAGGACTGTCGGATCTCCGGAGTGTGATGGACT  
GGGCTTCATTGGCGATCAGCCTACGACGCCAGGCCAAGGAAATGCCCTAAAGA  
TGACGATGAAGTCCGGCCGGCGGAAGGTTGGAACTGGTCGACGTGACCGAC  
AACGGAACATCTGCCGGCTGACCCCTGACCAACCAACTGCCATGCCATGCCGTGAC  
GCCGTTGGTCTTGCTCTAACAGAGAAAAAGAAATGAATCACCAAGCGAACTACC  
AGCGGCTTATGCCGCCGACCGGGCCGGCTGCCATGATCCTGCCCTGCGTTATTCTCG  
GGCCTTGGCATGCTGTTGGAGCAGGCCTCGACGCTGTTTCAAAACCCAAC  
AGCTGATGGCTGGTCTACTGCCAGGTGGCTGCTGATGCCGGCTTCCCTGGTGT  
TCTGCCATGCTGACATCCGCCAGCAGGTCTGGCTGGCATGTCAGGACCG  
GCCGCATCCCTATTCGCAAAGGGGGATTCTGAAGGGGGCGCTCGTGGCGGCG  
GGGTGGGGCTTGCAGCGTCTCGGTGCGCCGTGCTGGCTGGAAGTCGCGGAAC  
ACCCGGTCTACGGTGAGCTCGCTACTGCTGCTTCTACCTCGCCTTGTGGGAG  
CGTGATCGTGGTAGCTCCGGCGCTACGTTGGCTGGCGAGGCCGGCTGGGATC  
GAACGGCTATCTCCAGCAGCTAGCGAACGTGTCTGGCCCTGCGGAAGCTGATCG  
CAGCACGTTCTACGGGTAATCGGCATCAATGGCAACACCGACTACCCGGTTACG  
AGGCAAAGCTGAGCGCGAAGCGGTGGCTCACCCGCCACTTAGGCAAGGATCTC  
ATCTAACAGAGGGCTTCTGACTGTCGTTGCAGCGAAAAACGCACCCACCAAGCCGTC  
GCACGGTCCTATTGCCTGAGTCTGGAAAGGGTCTCTAGGAGGCCCTCCACCTCCGAC  
AGTCTGGGATGCCAATGGCGGCCATGCCATTGACAAAGTCGATATCCTGTCACGG

CCAGCACACAGCTTGGAGACCAGTAGGCCTCATACGACAGGCCATGAATGTATC  
CTGCGGACATCGCCTGATTGGTATGGGATGAGCCTATCGGCCAACCGGGAGCTA  
GGATCGCAGTGGCTACTTCCACGCCATCGCTGGTAGCCATAAGTCGGTCAAAGA  
TCGAGGCCTGCCAAAGTTCTGCGATGATGTCCGCAACGGCTCTGACTGTTGTT  
GCGGTTCATCCAACAGAGCGATGTCGATCTCCCTGGAGAAGAACAGACATCGGAC  
GGAAAGTAGTCGGATCGATATGAGCAAAATGGCTGGCTGCCATCAGTAAGAA  
TCGGTGCATGCCGGTTGCCTCATCGACTGCGCAGGACATGGTCAAGCTGCTC  
TGGCTCATTGTGCCTCAGCGCTCGAACCTCCCAC TGACCTGGTCAAACAAGCGAT  
TCCGCTCTGCTCGGAAATCAAGGCAGGAAGGGGGCAGGGGAGCAGAACGCAA  
CACCTGGCCCTCATTGTCGCTGGAGAGGTGAGCACCCCCACGACCGCCGCTTGCC  
TTGCTCAATGAGTTCCCTGCCAGCGATGCAAGTATTGGCGAGCAGGCATGTTGCC  
TGTCTCAAGGGCACTCACCAGATACGTCCCTGGCGGTAGCCAAGACTTCCGGTGGT  
AGACAAGCGCCGGCTACCTCGGCCAAAGCACTCGAGATTGAAACCAAGACACCG  
GTGGGAGGCCAGGCGCCAGTGGAGCAGTCGGCAGGGTCAGAAGGGAGGCCATATC  
CATACGATAAGCCAAC TGCCCTGGCGGTCAAGTCGGCCGGTGGAAAGTCGATCC  
ACCCCCGAGACTGTCGGGCTGATGCCCGAGACGCCATGCCGTTCCGCCATTG  
AACCTGGCTTGCTCAAGGGACACCGGAGGGGCCATTGCTTCCGTGGCGAGCG  
GCAGCAGCCTCAAGAGACTGCTTGATTCCGCTATTGTCGTTGACTGTGATTCCG  
CCAGTGAGAACCTTAATGACTCACTCATCGATATGATGGGTGAGTAGCTGGTCCA  
CTTGCAACCTGACAATCAGAGAGTGCAGGGCAGTCGCTCCACAAACGCTTCGCT  
CCATCCATTCCATCTATTCCCTCAAGTTCTCCATCCTCGTGTCAACCCGATAG  
GCGTCGCAAGCCGCGCTAAAAAGGGAAAGGAGGGTGGCGAGCGATCTGCGTA  
TAGGTTGCCCTCAAACCTCTCCATTATTGCAATCTCATTGCTGTGAAGAGGC  
CTCCGGAACGCCGTGGAAGATTGCTCAGTAATCTCTGTTCTCATAAAATCAC  
AAACCGCTGGCACGTCTGGCCATGTCGCAACGAGACATGGCTCATGAGGCCA  
GTCCTGTAGATCAAGAAATGAACCCAGCTGCGCCTGCAATGAACCTGAGGGGA  
CGCATTGCCGTAGTTCCGCTGTGACGCAGCATCGGATTAGTTGAGGCTGGCCG  
AAAATCATTCCGGGCAGGCGAGATTGAATGAGGCTAAATCCGCCACGTTGTTGGA  
CTCACGCTTGGCTGAAATGTCGCTACTCTAAATGATCAGGGGATAGTCTCAGGAT  
CAGTGAGAACGTCACTCCGTCATGTTGGAAGACAAATCGCCGCTTTGA  
ATACAAGGTCCAGTGGCATCTGTCGACATCAGGACCGCGAGTCGCTGGCCC  
AACGAATATTGCTAGAGATTGCCCTATCAGGGCTCTGTTGGCTCTTCTAACAA  
CCCGGCCACACAGCCGCCGATAACAGAACAGAAATAGAGAGGTTGAGTGCAGT  
TCAACAGCCAGCAGAGGAGGCCATGCAGCGTGCCTGCCAGCCTCTCCGGATGCTC  
GTTGACATCTCTGGTTCCAGTCCCTTGGATGGCAAGAACATACCTCACTGGCAC  
CTGGCACGGTTGGCGCAGCCTCAGAACAGCTGCGCGAGCCAGCTGTATGCAGCG  
CACCGTATCGATTGCGGCTCCCTAAACCTCGCTGTCCAGTCGCGTGGCAACGGG  
CCGGGAGACTCCCCCAGGCACGCGAGCACCGGCTGGCAAAGGGGAAAATCCTC  
ACGCGACCAACGCAAGAGTTGTCGCCGACCTCGCGCTAAGAACGGATCATTCC  
AAAGCTCTACGGCAGTATTGAGCTCCATAGCCGACGGCACCCACAGTCCGCCAT

GTGGCACGCACCTCCTCCAAGCTCGGAAGTGATAAGTGGATATGGATAGCCATCC  
GCCGGTGCCGTGGTCCATCTCGCCTCATACCATGCCGCTCAGACTCTCATAGGTC  
AGGGATATTCTAGTCTCGCTAGGTGCGTTGTTAGTTTGATTGATGATATCGG  
CCTCAGTAGACACTAACGGCCGTATCTATATGTCAACCTCGGGCGAATCCCTGCC  
AGGATGCGAGTCGGATGCGCCCGCTGGCGCGGTCAAGAGGCTTCCGCCGGCTTC  
AAGAACGCTGGTCAGGTGCGCCGCTGTCTCGCTCCGGATGTTCTCACATACTTG  
GCATCCTGGCGGACTCTGCGGAAGATTGACAGCACGTTGCCAGGGTTGCGATC  
GATTGATCGGACAAGCGGAACGACGCTGGAAGGCCGCCAGGCCAGTGTGATT  
CTCCGCGATGCCTCTTCAATGGCTCGAACGAAGTCAGCCACGGACGGCGCGAGG  
TCTGGGACATCGCTGCGGAGCGGCTGTATGGGATTGACGTTGGCTTCTGCAT  
CGTTCCAATGACCGAACCATTCGAGAGGGCTGGCCAATACTCAGGTCGAAC  
GACAGAGATTTCCAATTTCTTAAGGTAAGACTTGAATGCCGTTGCGTCTCG  
GGCCCGGTCGATGACTCGACAGGGTATAAGGTGTCAGCTGATCCGCTACGCCAGCA  
GTTGTTATTTGTCCTTCTCCAGCAGTTGCAAGCTGATCCGCTACGCCAGCA  
ATGGCCTCATTGACTTGTCCAAGCGTTGCGAGCTGAACGATCGCAATGTTCTT  
CGGGCGTCCAATCGCCTCAGTAGCTAGCACGACAACTCAAAAAAGACCTTCCAC  
TCAATGCCGTAAAACCCAGGGACTGCTCGAGTTCTGGTAGATCGAACGAAGTCC  
AGTCCCGGTTGAGCATGGTCCGAGCCACCTGCTCTCGGAAGGAACATGCCTTG  
GCCTCGTTGGCGGATCTGCTCCTGTAGGAACCTTCACATATCAGTTGGCGTTA  
ATCGAACGGCACTCGGGTCTCCTGGCTCAAGTGGCTCCACGATAGGGGGCGTGT  
TGAGACCCGTCGACATCTGAAACACGCTTCCGATCTCGCTTCAGATCCGGCTCC  
AGCGGCTGCCGCTGGGGAGGGCTGGTCGCCAGCCGCCAGCCGGCCGGCG  
AACGCTGCCATACCGATCCACCCGGTCATGAGCTGGCTGCTGTAGTCCCCTG  
GGTCAGAGGAACCACTATCGCCAGGCACGAGGAGTCATTAGACGAGTTCCGG  
CACTTGTGCGTAACTCACTCGACGGTCGATCGAGCTGTCTCAAAGAGCTTGAA  
GGTCCACGTATGCCACTGGCCATCTCCCTTCCACGTTGCTCCAAATGGCTTGAA  
GCGAACGGGGTCGCCGGTAGAGCGCCTGATCGATGAGACGAACTGATCAAAC  
TGAGGGTGGGGAGAATGCTCCGACCCCGCTGTAACAGAACCGAGTCTCCAGCCAG  
CTGCGCAGTCTGGCAAGCTTTCAAGAGAGTCGCGCATCCGTTAGGTTCCATTG  
CTGAAGCTGTCTCCAGTCCCTGCTGAACCTGGTCCGGCATGAGCGATTGAACGTG  
GACATGGTGAACCACTCCGTCTAATCGAGCGAGCCTCTGGTAAGCCCACCAAA  
TTCCGGCTGATCAGATCGTCCGGAGTCGGTTCTCTGGAGCACGCCACTCAGTT  
GGTCGAACAGGACATGCCGTTGCCGGAGGGATCGCTGTCTAGTCGCGTGGGATG  
TTCATGTAACCCGCTCCGCTGCGAAAAACGTATGCCAGTGGCGTTCTCGATG  
GCTTCGAAATCGTAGTCCAAGCCGGCGATGTCTGCACAAACACCCCTGCCGGTGATT  
CCGGGGCGGGCGGCCCTAGCGTCTGAAGAAGTCCACCGAGTGAGCAAACGGCTT  
CGGACCTCGGATTGGCCGGGTCGGCCAGCCGTCTGACCCCTGCATCATGTTGTT  
CCAGAAACCGGTTACCAGCATTCCAGGACCATGCCATTGAGCCGTTGCCCTCGCC  
TTCGTCCGGGGCCCGACGGACCATCTCGACGATGCATGTGAAGGCAGCCAGGTCCC  
ATGCCAGCTGGAAAGGCCCTGGTATTGATTGCTCGTCCGTGCGTAGATCGACT

TCCATTCTCGATTCGCTGGCGCATATGGGCAGAGTGGCAGTAGTGTGGGACCATA  
ATGCCGACTGGGCTCTAAGTAGCATCCATCAAGGGAAAGCTACGCATCCTAACCC  
AACTGCCTTTGAACTGGCCTCTGATGCTTGGGTGGTCCCGTTGGTTAGAAAAA  
ACCCACGGTAGGCGTACGCCGTGCGACTCCCCGCAATTCAATGCCAACTAAAAC  
AGAGGTCTCGGGTGATGTTGCTCACGGAACCTGGCGGGTGTAGCCCAGGCT  
GTCGTGCGGTATCTGTTGGTTGAGTCGCCAGCCACTGTTGGTCTGTTACGGAC  
CTCGC

>CONTIG\_26\_length\_11408\_cov\_90.797004

CCTTACTTGCAGCCAATACTGCCCTGTTCATACCAAGAACACATAGCTGCCCAA  
CTACGGCACGTTCCCGCGCGCTAGCGCATCTGCCAAGAGCTGCTGCACACCACGCA  
TCGTGAGGATGCGACTGCCCTCGGGAGCAACATCTGCCCTGATGCCGCCTCATCT  
TTCCGTAGTGAACCTGTTAGGCCAACCGTTGCAATCGGGCTCGGTGAG  
CACCTCTGAGGCCATTGCGATTAGCGAGAAAAGACTGCACCAAGAGGCCATCATCA  
CGCCGTTGAGCCATGCGCTGCCGCCATGCCAAATGCAATTGAGCGAATATAA  
GGGTGCTGAGTGAGTGCCGCTTCGATTCTATACGGTAGGTTGTCATCCGGATAC  
AGTCGAGCGGGCAGCATGGCGACAGGGATTCCGACAACCCACGGGCTGCCAAAT  
TGCCAGCATCAATTCTTCTTGCTGCAAGCGTTGGACTGGCAGGTTCTGA  
GCTCGAAGTTGAAGAGAGATGCGCGCTCCGCGTGGCTACTGGCAGGTTCTG  
ATCGAAGAAGTTGTTAATTGATGTTCGCGCACCTGCGCTGCTCCGTGAGGGAAA  
AGCTCTGGCAGGAATATCGGGTGTGCGTTCCGGTGGTGCCTGCCAAAGATGGAA  
GCGATCCACCTCTCGCGACAAGGACTTGGACGAACCAAAGGTTGAGTCGGGATCG  
AACTCGGTTGAGCACTGATAAATTGGTAGTCATATAAAAAAACACGCCCTCGT  
ATGAGTTGAGACGCCGAGACACGAGCGTCAACGTCGCTATCTTCCTTCGT  
TAGCAACACGCGTGGCCCCGTCTATTGCGGGCCATGGCAGTTGCCAGTTAGGG  
GCGGTAATCGCTCATCGTACCGCTCTCAAAGGACTGCTCAGTTGATCTACCTA  
AGTGCCTGAATGTTAGAAGCGACAAAGTTGCTCCACGCCATCATGTGGAGTGCT  
CTTCATAGCAGGTGAAGTTGCTGCCGATGCGCTTGCTCCAATCTGACGCATCGA  
GATCTTCGGTATCGAAGCGAACTCCGTTGCGAAGCAGCCGGATGCTGCGGAGCCG  
CTTGGAAAGTTGATCCCTCGTTGATGTTAGATTCCGGCTCGCGCACAGCAGCAGAT  
GGCAGTGCCAGCTGGATGCCATCTCGGATAAACATAGGCGACAAGCTCGCG  
GGAGGCGCGACAAAGCTCGATGCGACACATCGATGCGACGCCCTGGAACGTTGCA  
TGAGCGTTGAACGGTTCAACCGTGAAGGGAGGCTAGACGCCAGCGTCGGATC  
AGATGCAGAGGCACCAACATGCTGCCGGAAGGCATCACAGAGCTTCTCTGA  
CGGACGACCTGTGAAGCGTTGAGCTCGTTGGAGGGAAGCACCTGCCATGCTTGG  
AAGGAAGGTCCAGGACGTGATGGCAACTTCGTCAGCGTGGTGAACCGTTGACGA  
TAAGGATCGCTGTTGGTGTGAGATGCTGACGATGATCTTCGACCAAGCTTGGAAACGTG  
TTGCCAGCCTGATTGGCAGGGAGGTCTGCAAACCTGACCTCGAACGCCAGTCCTTGG  
GCGATGCCAACTGCGTCAACGGGTGCCGACGCAATGTCCCTGACTAGGGCTGG  
CTGCCTACTTGCAGTCAGCTGCCATGAGGCGATCTCCTACATCGAACGCACAAGC

TCGATGATCTCATCCAGTCATCTGGTGGTAGGGCGAGTGCCCGAAAGCTCATA  
GTGGCCGCCGGCTCGATGTCTCAATCGGGATCTGGGATGCCGGTGATCAGCTCG  
AACAGCACATCATCGATGGGGTCTTGGACAGGAGAGCCAATATCTCGGTGTCTCTC  
GAGCTGAGCTGTAAGGCCTCGCCATCTTGGCCACCGTGTCTCAGAAGGAGCCGTG  
CGATGCCACTGGCAAGACGCCATAGGTAGACGTGGTCCAAGTCCTCACGCGCTC  
ACTGAGCTGGCGAAAGCTCGCGCTCTCCCTTCAAGACACAAAAACCTTAAATC  
CATGCACTTAATCTTACTTGTACAGTCCGTGCGCGTAGTATAGGCTTGTGCCTAA  
GCCAGAAACACCGTAGATCAGATCAGGCCGTGAACGCCGTATTTGGACATCG  
GTGTTGCCTGGCGAGGCAGCGCCCGCTCGCGGGCTTTTTAGAACCGAGGCTGTT  
GCCTGGAATGAAAACGAGGTGACGCACGATGAGTAAGACCAGCGGTTGAAGCCCG  
GGCAGACGGCTCCTCGGTCCGGCCAGTATCAGATTACCGGTCCCGCGCGGTGGTCAG  
GGTCCGGAGCGGACGGTGTAAAGGGCGAGCCCCCTCCCGCTACCCCAAGTCCTCG  
GTCTACCTACACCTTGGTCGATCCGACCAAGTCGAAGTAGTCGCCAGTCGCGACCGG  
TGCGACGGCCATCACATTCAATCCGGTCGCAACTCTTCCGCTCGCCGCTGTCCCT  
GAGGAGATCTTGATGAAGCCCTTCGGGTGCTCTGCCTAGACGGCGAGGAATGCG  
AGGCGTGTATCAGGCCGTTACCTGCGGGCCTTGCTGCTCGCGTGTGGTGAAGG  
CGATACCGAGCTGGACGTAGGACGGTGCTTGATTGATTGTCGGCACCGACCCGG  
CGGTATCGTGTCCCGCGTGGCGGGAAACCCCTTCCAAGGTGGACCGGCT  
CTATGAGGAACACGGCAAGGAAATTTCGGGTCACTGGATCCGCCGTGTTCCGT  
GGTGGGGTTGGTCGTTCCGCTCCTCGGTCTCGGCACGCCGCGGGAGAGACTGCGCT  
CAGGAGTGCTCTGAAGCGACCTCCAGGACAAGACCTTCGCTATGTCAAGAGGT  
CCGAGGCATCAGCCTGGCGTTGACGTCGATCGATATGGCACGCCACGCCGGTCG  
TGTCAAAACGCCATCTCGTCGGCTCAATGGCGCGACGACAACCGCACACTG  
GTGGATGCCACTGGCCACTACTGCGGCTCCAATCCTGCGCGCTTGGCGCGCTC  
ACCGAGCCGGCGGTGAAGCCCACGTGGTTATGCCGACGGCGGGTTGTGGCGAA  
CAATCCCGCGCGCTCGCGCGATCGAACGCGTCGAATCCTAGGAGATCGGGAAAG  
AGGCGCGACCGATCCACCTTCATGTTGGCGCACCTCCGGCACAGGGTGGAGAG  
GAGCTCTCAGATCGACGCCGGTATCGTGGTGCGCTTGGGATGGAAAGGCCGTTGCAT  
GCGATCAGCGCAGCCTCAACTCGCAGGCCGGTGGCTACGACTATCTGAGCAAGAA  
GATCCTGGAATTGCGAAAGGACGAAAGCATGGCGTTCCGCTGCTCAGTGTCC  
ATCCGAGCAACTCCTGAAATACATCCAGAACATGGATGACGCCAGGCCAAGGTGC  
TCAATGCCCTCGCCGTAGGCAGTCCGATGTCGACTACGCATGGCTCAGTCGG  
TCAAGCCCGAAGCGAGATGGCGACTTCGCGCAGCACTGACCGATGCCCTTGT  
AAGCAGAAAGGAGAAGGTAATGGCTTTGATTGTGGCGAGGACATGGAAAAAA  
TTCCATGACAACAAGATTAACCTGAGCACAGACGCCGACCGAGATGCGTGAGCG  
ACGCAATACCGGTCGTCGCTGGAGATCGGACTGGATGAAGAGGAACATCCGC  
AGCCGAAGATCACTGCAGGGATCCTACCGCGATGCATACGATGGTCCAGGAT  
CCGGAATGCGACTATGACATCGACGCCGACCGATCTACTCGCCGAAGACGATCTCGC  
GACGAACGGCTTGTGCGCTTACACCGCAAAGGAAACGGACGTGTCTCGCAGC  
GCTCTCGCGCGATGACCGCTTCGCTAACCGCGGGAGGTGTTCCCCAAGTGTGTGCG

GCAGGTCTACAACGAGGGTTATCACATTGACATGCCGGTCTATCGCATCCGAAAGG  
AAGATGATGGCCAAGGCGCAAGCAGGGAGGTCTCGAACTGGCGGGTATGGCAGT  
TGGGACGCATCCGACGCGCGCGACCACACGTTGGTCCGGAAGGAGGTCTCGAC  
ACGGAACGACACGAACGACGACGAAGGGAGCAGATGCGACGCATCACCGTCTG  
ACCAAGGGCAGGCACGCAGTCGAAAAGTGAAGGATGAGACGACCAGCGGG  
TCGTGATTACCAGGCTTAGTGGATAACTCGTGCCTGGCTGGCTCGACGATG  
AGGCCTTATTGGAAACATGGAAAAAAATCCAAGCGCAGCTGAGCGAATCGACTGAA  
GTTGAGCATCCGGTTAATGCTCCAATTGGCTGAGTCAGGCAACGCAAAGTCGGC  
TTCTCCCGACAAAACCTGGCGAGGCCTCGAAGAACTTGCATCCTGGAAAAGGG  
TTGCACCGGGTCTGAGGCAGCAAGCGTGGGATGGCGTGGACTGGCTACTT  
CCAGAACGCTCTCGATCCGACCGCAAAGAGGACGCGAAAAGGCTTCTTATCG  
CCACGTCTGACAAGTCTGACGTTGCAATGATGGCAACGGCCGTTGGCTGAGGAC  
GGACCGTTGGACTTCACGGTAAACCAGGTTAAGGAGATCGAGCACGGTCTGGATC  
AGTCCAGACCCGGCTCCTGGCGACGCTTGCCTGGGAAGAGGAAAGCGCATTCA  
GGCTTGCGCTGGTAGCAGCATGGCGGGTAGACATCCCCCGAATTGGCACCGCCA  
TCCCTTGATTGACCACGTTGTTGGCTGATCAACGCGGATTCCCTTTAGACCCG  
GTTGTCGTCGCGCTGCAAGGTGTTGCCAAGGATGCCACATTGGCACACATGAC  
CCGAAAGGAAATGTCTGCTTGGTAGGCTCCGACTCCTCGCCTGGCAACGCGC  
ATTCTGAGCACTTGCAAGATGCTCTGACAGTCTAGAGATGGCGGAAGAAGAACG  
CGACGCTGAGCATGGCGTGAGTTCTATCCTATTGGCGCAGCTGGGCAGCCCAC  
ACGCACACCCCTACCTGAGCCTGATGGTGGGGAAAAATTCCAGGGATATGCC  
ATTACAACGACCCCTCGCTGTGGGCTTCTGGCGAAGATGCGACGCAGCTCA  
CATGGCTGGCGCGCATGGAAAGCAGCCCGAAAGTGCCTACTACCCATCTC  
ATTGGCTGGATCGGCCCTACCGGATCAATTCCAAAGACTGGCAGAGAAC  
ATTGCGTTGCCGGAGCGCGCGACTTGAGGATCGACGGCAACCCGGTGTATG  
CCTGTGCTGCTTGGCTGTGAGATCGACGGCAACCCGGTGTATGCTGTGCC  
GAAGGCATCAGCGTAAAGCTGGCAAAGGGTTCAGGCCATCTAACCGCGACC  
GCCCGCCCTCGCTGCGAGTTCCATACGAGACCCGCAGTGCCTAGAAC  
GCGCCTGACTACCGCTGGGTGCATGGACGCGGAAGAATGCCGATATCGAG  
TGCCTGGCAAACGTGCTGCCATTGTGGTTGTGGCTCTCGGCCGTTCTGG  
GGCGCTGCCAAGCGGGTGTGGCTCTGCTTGTGATCGATTCCGATGAGCTGT  
TCCGAGCAATGTCGGCGACACGTGCTGGCATGGAGGCCGTAGGCCAAGAC  
CGCCAGCTCTGGAAAAAGCTGGTGCGGATTTCTCACGCCGTCGAATTG  
CATGGAAAGGGCGCGATCCAGAACGCCAGTGCAGCAGAACAGATGGAG  
TGCCTGGGCCGCGCATCAACCTCGCTGGCGAGTGGCCCTCAACCAC  
TGGCGCAGGAACCTGGAAACCCACCGCCGCTCATTTGAGCTGGATCGAG  
GGCTGCCAGGGCACGCCGTTGCCCTGTCGATGGCGCCGATTGGCTAGCT  
AACGCTGATGGAGAATTCCAAATGCGGCTACTCCGATTGCCGGCGGG  
CCACCGCTAGAACGCCGGTGTGGTGCATATCAGCCTTATAGCGCGGCC  
GATGGGCACGATCAATTGCGCGCATCGTCTTGCCTTAATGTCCTGCT  
CGGGAAAGCA

GCAGGGGAGTATCGTCGGCTTGGCTGGGTGATCGGGATATGCCGTTGCAAGTGG  
GTGCACGATTGATGGCGCGTTGAACGCTCATTCTGTGAGATTACGTGCTTGGGG  
TTGATAGGTGATCATCGTCGCAACATTGCCAGAAAGCTCGCAGCGCATCTGATTGA  
GGAGGGGGTGCTGGCCATATGGCGCGCATGGCAACTATCCTGGTATTCAAGAG  
AGGCAGGGTGGCCAACCTTCGGATCAATCAATGCAAGTGAGGTCGTGGTTCGGCTG  
CGGCAGGGCGTATCGGGAGATCAACGATGGCGGTCTAGCTATCGCTCCAACGCC  
GACGCTGCTAACGTGCGATCAACCAGCATGCCAAGAAGGGCTCTACCTAGG  
GGAGTGGCACACACACCCGAAAGAGCATCCGAAGGCGTCACCGGCTGATCGGACG  
CGATGGCATGCTGCTTGTGCGTCGAGGCTCGTTGAACAACTTACTCATGGTGA  
TCCAAGGCCGCGCAGATGGACTCGGAGGTTAGCTCTTATTCAATTGGTTAGATG  
GGCTTGTCCGATGGAATTATTGTTGATGATAATCTATTGACAATCGCAATTAAAG  
GAATAAATTGCGCTCTCAATAGGGGGTAAAATGATTATCCAGGCGATTCGTTCT  
TGCATTGAGGGCGAAAATACCCAGTCGAAGATAACCGGGTGTGCTCGTATAG  
CATTGAATGCACTTCTGGATGCGAACGATTCTGTCGATCTGTTGAAAGTTAGAA  
CGCTTGGCATCGACGCAAGAATAGCGGCGGTGCTTCTGACGTATATGGCAAACA  
ATCCTGGGGAGTTCACTGCGCGGGATGCCGAAGGTGTGAAGGTTGATCGCTAGC  
GCGAACGCTAATGGGAAGAGTTAGAATCTGGCAAATATTGGATCACATCGGC  
GAATGTGATCGCAACAGATCGTTGATGGCTCGTATCCTGTAACACGCTGGGCAT  
GCCCATGCGTTCCAGTCGATATTGGAACCTCGCTATCTCAGCCCTGAGAACAGG  
GCCATTACCAATGCATTGAAGACTGGCGCACTCCCAGCCTGGATTATTTAGCA  
GGCGCCAATCTGCCGCTGATCGAGTCTGGCGCGAGTTAAATCCTAGGGCTGA  
TGCCTACGGCGCTTGACGGATGTAATGGCCAATGCTCTGCGAACGGCATGTTCG  
ACTGTCATCGCTGGATTGCCAGGAATTCTCGAACAGCACGCCAACGATCCAA  
GGAGAGGTTGGGAATGGCAGCATTCCACCGCCATTCTAATTCAAGGCCATCTTCCA  
GTCAAATGTAGCCGGCAGACCAATAGGGCGAGGGCTTGAGGTGGTATGGCTGATA  
GGTCTGGCCAAGGCCGTGGAATCTCGCACAGCGTGTGATCCAAGCGGCTCCCCAATC  
GCAATTGGACTCTGACATACGGCAACCAGGTGGCCAATGCGTCGCTCATATGT  
TCGGGCGCGCTATCTTACAAGTGCACGATCGCCTCTTCTGAGAGTAGCTT  
TCCCCATAATCCCTCCTCAGTTGATGTATGGCTAATTGTTGAGAGAGCTT  
AAGGCACGACGACGAGAACTGATGGGATTCCACGCCATGAAGCTCTCCAAGGC  
GTGAACCTCGTGAATAGACAGCGTGTGATATTGTTATCTAGCTCATAGCCCGGATC  
TGAGCGAGCCTATCGGAGGCTACACCTTGCCTGAATTCTCGGATGACTAACCTG  
CGAAGTGAGTGGAGGCCGCTTCGCCAGAGGCCACCGGCCACCCATCTGTTCAA  
GAAGTTGCCGACCGTTGATCAAGCTCCACAGCCTTGATGGAATTGATCCT  
CCCCCTCGGTCGCCACCCCGCGGGAACGGCTTCATCATCCGTGGCCTCGACTTCA  
CCAGTGCCGCTTCTCGCTTCCAGGTCCAGTGCAGGGATCAGCACGATCAGTTG  
GTGTTGCGCTGCTCCACTGGGCCACGGTCCGATCAGTATCATCGTCTTCCATGGA  
TCACCATAGCTCGAGTGTGACTCATCTCCATGGGAAGGGCATAGAAGTGT  
GCGACCTTGCTGCCGCTTGCCTAGGCTTGAAGCAGACCTGAAATGAGCGGTG  
GCCTCGCAATAAGTGCAGTGCAGATGCCGCTCAATGCTCGCGAGCAGACACATC

CAGGTCCGCCACTCCTGGCGTGTAGCCTGGTCGCTCGACGATCCCTGCTTTA  
TCCATAGACACCCCCCTGTCTGACCTACATGCTTCAAGGGTTGGCAGTAGTCAA  
GCTGTTCAAGTTGAGGAGGCCGACCGGCCTCATGCCCTCCGATATCCAAAAAAAG  
ACAGAGGTCGCTCGGAGCAATAACGATAGAATAGTAGAGCTGCGATAGATGCC  
GTGCAGCTTACTGCAATAGATTCTCGAATAATTGCTAACCAAACGATTGGAAT  
AGTCCTGAATGACAACCGCGTCTTGAGTGCCCTGCCGCTGCTAAAGAGAAATTGG  
CAGAAGAAAATTCGGAAGTTGGAAGAGCAGGAAGCTCAGCTACGCCAGCAGCAATCA  
TCTGAAGCCTATTAGAGATCGTCAAGTTGCTCGACCAATAACACTAATCATTCACT  
GCAAAGCAGAAGTCGGAGATTGCGGCTCTGATCGGTGCTGCTGTGGCCAAGCCGAA  
GAAGGCTGCTTCCACAAGAAAAGGAAGTGGCGCCCAAGTATTGGTTGCCCAACACC  
AAGAGACATGGTCAGGGCGTGGTCGTCGCCCTAAGGCCTTACCCATTGGCAGGGG  
AGCGCGTCTTACAAGGAGTGGAAAGCCAAGCACCCCTGATGAGAAGTTCTTAAGTA  
TCCTGGCTAAATTGAAGAGGCCTTGCACGGCGAGGCCTCTCTCAAGTTGGAGTT  
TTGGGGATCAGGAGACAGAGTCAACTATCCATATGGCTAACGACTGGTCGCAGCTG  
AAAATCAATTCTGTGAGTGGGCACGAGCAAAATACAAGATCGGACGATCACAGA  
ATGGGAGCTAAATCACCTGCAGGGCATTGCAATGCATGTGATGCGGCTGACCAAA  
AAAGGAAGCTGAAAAAAATTATGGCGGAGATGATTAGGGCGCGATCAGGGAAAAA  
AAATAAGGGTAACGGGTATCATGGAGCCAACCTACGCTAACCAATTAGGTT  
TAGAAACTGGCACATTGCAGCGTCAATGACAAAAATCTCAGCGTCAGATCGCG  
CCATACACCGGGAGAAAGCTCTCGAAATGAGCTTAAAGCCAGCTTTAACCGCTT  
CTAATGATGAATATTGGGTGACAGGTTCTAAGCTTCAAGCTGTCTCTCAAAATCAG  
AACACTACGGCCCACACGTCAAGCTTGTGAAATGAGCTGAGCCAGCCGGCGAG  
TAATGGGCTCGCGCTCGCTGCCACGACGTGGCACGCGATAATCATTGTA  
TCTGACAAGCGAACTCTAACTTAAATTACTGATGTTGGAAGCTGTGACGCAAATAGA  
AAAGCTAAGGGCTTGATGGAATTGAGAAGACGGCATTCAACATAGATCGGCAAT  
TAAGAAGAAATACATATCAGAGGTGCCTGTGGATAGTAAGCAGTGTACTTCTTACA  
AACCCAGTAATGGTAAGGCTAGGGCATTGACTTCAGTCGGAGAATTAAAGCTCC  
CGTGATAAGTAGGAATGGCCTCCTGACAATGCTTAACTGCACTGGCAGAAAAG  
CCAAGATAGGTAAAGTTGTCTTAGTGGAGACAACACTGTCGGATGTCCGATTGA  
ATCTTACTTATAGGGTCTCTACACAAAGCATAGGTTCTCAGTCTGATTTTA  
CTTAACCTGAATCCACTCCTGTTAAATTATAGTAAAAAAACTAGCTCTAAATTG  
AGTGGCTATTGATTATTCTAATCCAGTGGTTATATTGCAACTCTCCGGAAATTGT  
TTCCGGGAAAGAACTAGGGATTACAATTAGTTAATTAAAGGCTTAAAGGAAATGA  
ATTCAATTAAAGTAACGAGGCAGGAAATTACATACACTGATGTTGAGCGGGTT  
GGAAACTTAGCTTGTGGTTCAAATCGCACGCTTGCAGAAGAGGGCTGGAAA  
AACACCTCGTCCATTAGTCTTAAAGAGGATTGCAATTGATGAGGCTCTCA  
TATCTGAGAAGGAGCGTATGCGCATCGCGTGTGATCGTATGGATAGGGGGTGGTCA  
TTTTGGATTGGACCGCTCGTCTTGAAGAATAATTCTTATTCTAACGCTTCT  
TCCGCAGCTCAGGATTGATAGTGTCAAGGTTGTGGCGCGATAACCTGAAGTGGAAAC  
GATCGTATTGACTACCGGCCACCCCTGAAAGCTGAAGGTAAAGCGAGTGGCGGCTGA

TTGCATCTGCTCTATTAGGGACGCTGGTGGCGCCACTAGCGTCAACATGCC  
ATCGGCCACAGGGACGGGATGCCAGCGTAGATCGACCTGCTGGGACCAGCCGC  
CGCCAATCACAGTCACCTTGACAATCAACCGTCCAGCCTGGATGCATTGAACGTCA  
CCGGGCAACGGCTGCCTCAATGATGCGATCAGGGCGCACCTGGGCCGTCAACC  
GCCGCAACTCTCCCAGACGCACGGGCCTCGATGGACTGGTAGTGAAGGGGCC  
AGCCGTCGCGATCCCGTAATTGATATGACCAACTGCTGCAAACACTCGCACTTG  
TATTCGAAGAGCCAGAGCAGCCTTAGCTGAGCGTTGCATGGTTGGCCGCAAGTC  
CGTAGATGGTTGAGTGTCCCAGCTTACGACACACGGTTGAGCTGCGTGCCTGA  
GACTAGTCCAGCCAAATGCTGTGAGCAGCAGCAGTGTGAGCGGACTCTCATGGC  
ATTAACAAGTTAGCGCTGCCAAAAGCGTGAGGGCGATTGGTAAAATTGCACATG  
CGCAGCATGCACTCTTGGCTGTTAAA

>CONTIG\_27\_length\_11195\_cov\_41.572371

GTATTATCTCGGTAGATAAAGCGGGCGAAAAAGGGAGTTAACTAACATAGACCTTA  
TTTGTGCGAAATCAGCTATGCAGCCCCGGTCCCTCGTTGATTGCTCGCCTGAAGGG  
ATGGAGCGAGCACTGGGCCGGCATCAGGGCGCCCTTGAGCGTGACAGCGGTGTGC  
CGCTGGACTGGACGGTGAGGCCTGGCTTTGTGCCCGAGGCTCAGGCCGAGCGGC  
TGC CGCCAGCATCGCAGGATTGGCAACCTCCCAGCCCCCGCATCACGTTTG  
AGGACGTGGTGCCTGGCGCTATCGTCTGGAATCGCGGTGCATACACCGATACGA  
CCCCATGACCCCGCTGACTTTAGCGCTCCAAGTTATGCCCTCTGCAAGCGACCAC  
TCAGTGCTGGAAGTGTGCGAAGGCCACTCCTGTCAACCACGGTGTGGTGCCGTCCT  
CGTGGACAACGAGGGTGTGGAAGAGCCAGACGACGAGCCCGAGATAGGTGGCACG  
GCCATACTGGCTACATCAAGGGCGCTGGACCTAGGCACAGCGCGCACATCCAAGC  
GGCTGCACCATGGCTCAAGCGGAGCGCTCGGAGACCAGCACGCGACCTATTGGG  
CCAACCACTGTGAAGTATGCGGCCATTCAAGGCGACCACTTCGTCAGGGCGTC  
GACGGGCCGTTCTTCCCCAGGATCAGGCTGGCGTGGACGCGCTCCAGGTCATCGC  
GGCTGCGGCCCGTTGAGCGCGCAAGCTCCGATCTCAGTCTGGTGGATGGACCTG  
GTGGCGAAACGTTGGCTGAAAGTCGGCCAGCCACGCCAGGATGGTGCCT  
AGCATCCAGGTTAAGTGGATCTGACGGCGGAGTAGTCGCTTGGTTGGTGTGCCT  
ACTTCTGCGCCGCACTGGCATAGTCGATCGAGATGGCTACGGGGAGGTTGGCAC  
CATTGGATGACGGCTGGCTCAGAACTCCTGACATCCCACAGGGCGAGACCTAT  
GGTTCCGAAACCCCTGAGATGCATTCTGGCGTGGCGACTCGGGACCGATGGTCG  
CTCACCCCGTGCACGCTGAGCAGCGTCTGCCGGACTCCGCAAGAACGTCAGATC  
GGCGGCTGTGCCTTGGAGATTGCTCAGACGGCGTCCCATACCCTAGTAGGGTT  
GCATTCTGGGCCATCCAAACCCACGGGCAAAGCTGCTGAACCTCCAAAGGCCTT  
TAGCGCATCGCAATGCTCTCGCTGAAAGCGCTAGTGATTGAGTGTAAAGAACTCAG  
CCATCATCTCTCGAGCTGGCGAGGTCGCGATGAAGCTTACGTATGCTTGACG  
CCTTGGCAGCGGCCTCTCCGCTCTCGCTGAACATCACTGCGCGGAGGAGGTG  
AGTCATGGATGACATTACTGGCTCCCACAAATCCACCAAGTGGCACGTAGATATGAT  
TCCACACGAAATCGTGGACGGCTCCAAATAGCCACCTCAGCTCCTTGAGATTGT

CTGCGACCCTTGTCCGCGTCTCATTGGCCGCGCATTGAAGGCATATTGAGCACT  
CTCGCGGAGAGCGTCGTATGCCCTCAGTCTACGATCAAAGATGTCTGCTTGAGCTT  
GTTCCCTGCCGTTCTGCCCTGTTGCTGTGCGGTGCGCCACTGACGGTATGCAATGTAG  
CCAACCAGCGCATGCCACGGCCAGTTGACCAATCCCAGTGAGTAGCTTGATAGCAA  
GTCGGCAATCTTAAAGTCATATCGACCATCATCGTTGGTATCCATTGTTGGCAGGC  
TCTGTGGATCTTGTAGGGTCGTTAGAGCGGGCGGCACAGTCCCTAATCAAGGAA  
TGACCTGATGCATTACAGCAGCATTGATTTAGTCAGACCCCAGTCGAGCAGGTGAT  
GCGTGAAGCGGCGGAGGAGCTCTATCTGCCACACATAAGGTGAGGACGAAGGCCG  
GTCTCAAAGTTCAGAATCTCCGGCCAACGCTCGTGGCGAGCGGTTAAAGCTGAGT  
TGGCAGAACGCTGCTGGGATGATCTCCTACTTCGCCGGGATGCCATTGATGCCCTCT  
CTGCTTGCCTGCCAGCTTGGACAAGCGCCTCTGGCGAGAGCAAGAGATGGC  
GTGCCCCAGTGGTAAAAGAGGGCGGGATGCTGCATTGCTATACGAGCGATTCA  
GGAAGCATACTCCGTGGTCAAGACGCAGCCATGCTCTTCCCGGAAGTGGAGGTC  
AGAAGCGGAACGAGTATTGGAGTCTCCTGGCGATCCAAGTAATCCGGTAGAGCAA  
CAGATGGTTGATGCACTGTTGGTGAAGCGGCATCCGTAGATCTGCACATTAATG  
TGTATCTAGCTGAAGTGTCTCCGTGGCTGACTCAACTGGCAATGGCACCTCAAT  
GAGCAAAGCTTGCCTGCCGAACTAGAGAGTATTGCGGCAAGGCAGGCTAACGGAGG  
GTCAACGAAGGGCTGGCAAGCTTCGCATGGGATGATGCGTTCATCGTCAGTGA  
ACACAGGAACTGAGAGACCACGAAGTGCTGACGGTCTGAGAGGCCAGTGGCTCTA  
CGAAGGAGTCCCTCGCCCTTCTTGTGATTAATGCCCTTGAAGTAAGCCACG  
ACTCGACGGTTGTTGCGGACGAACGTGGAGGTTGTCTCCATCAGGTTCTATCC  
AGAACGACGTTCTGCATTGAAGGTTGAGAGCAAGCCTGCGCCTTGCACAAACA  
TCGAACTCCTGCCGTCGATACGCTTGATGTCCAGCACCTCAAAACCAAGTGCTGGA  
AGCTGCCCTTAATGCATCCTCGAATATGAATCCTGACTTGATCTGGTAGCGCCGA  
TTTCGCTCCAAAAGGCGGTCGCGGACCCATAGGCGAAGCGAAGTAGCATCATTAA  
ATCGGAATAGAACAGACGTTGCGTGTGGAAAATGCGGCATAGGAGCCATGGAGG  
GGATGCTCGGCTACCGGGTGGTAGACCACCATCCGTTGCCAAGGCGCGTGTGGTA  
GCGGATCAGTATTGCGTTGAACGCATCTCCGGGATCCGCAAGTAGTAATCATCCCT  
GGTGTAGGCCATTACCTCCTCGCAAAGTGGCGCAGATCCGCAAAACCTAGTCAG  
CCAAATCGTAGGGTCGTAGCTCTCAATCGAGAGAGAAGCTGGTGGCGCAGTCTG  
GCACGGACGTGATTTCGTCGATCAAATACGCCCTCGGCCACGGCGCTGAATCAA  
TGGCAGTGATGCCATCGTTCTCGTCGAGGTATTGGCGTCAAAAGTGTTC  
AGCGTGGATCTGTATCCAAGAGGCCATGTCATCGGTCTGGCAGCGATAGTCGGGG  
AACACGGCGAGCATCGTGAGCTCTGATGTAGGCTGGTCAGGCCTGCAACGAATGA  
TCGCTCGATAGTATCGAATGCTAGAACATATAAGCTCAGCAAGAGACAGCTGATCTC  
GCCCGCGCCAAGTCGCAATGGCATACATTAGGGTTGAGGTGGTGTGCGTCTGG  
ACTGCAGGAAGTTGCGAGGTGGCGTAAGTTCCAGGGTGGAGAAGTTCCATCTG  
AATCGGTTGGTAGGACGTGAGGAAGTTGCGCAGGGTAGCGGTGTGCGCGATTAGC  
TCGGCGATGCGGTCGAAACACCATCGCGAAGCGCCCGTCCAGTGCCTCAACAG  
CGCACTGTGATTGTTGCCGATGCTTGCTCAAGCTCCATCTCAGCTGGAGTCAGTC

TGCGCCACCAGTCTACATTGATTAATCCTCAATGCTGCGCTTGATGCCTGGAGA  
AAGGCCAGTGTAGGCCATGTAGATGCGAGTTGCCATAGTCCTGCGT  
ACGCGCCTACTTGCTTCGAGTATGCCCTAACGGCTGGCCTGAAATCCATTGG  
GCTGCTGCGTCCATGTGCTGGCTCCGGTTGTGCTGATGGGTATCAGGTGTA  
AGTGGATCGTGCAGTCGGCGTACAAGGATGCATCAGAAATCCACTCCCTCG  
AAGCCTCGTCCGGCTCGGCCTGGCCTGATCAATGAGTTTGAGCTCGTCGCA  
AATCCTCGGACTCCTCCGCCAGCGCGGACTTGCTCGCGGTGATGACGATGGCG  
TTTCCATCGATGTCATGGCCGGACCTGTGGATGATGTCATGGCGCTTGTGGCT  
CATCGAATGCTCGGAAGCTAGGGCTGTTACCCCTAGGCCGTGGCCAGAAAGCGA  
GCGCGTCTCCCAGCGATGCCAAGCCATCCGCTGCATATGAGCATTGATCTGAGTC  
GCCAGGCTGCTAGAGCTCGAAAATGTCCTCGAGCTTGGTCTGCGCTCTCGAAAC  
TCTGGGTGATTTGATCAGGTTCTGATGGTCTCGTGGTCCACCCAGTAGG  
CCATCGTCTCCCAAAGGAACGTCTCTAAGGCTGAGACAACCTCCGGCGTAGGCAAGT  
CTCCGCCATGTTCATGGCATCTAGGTCCTGAAGGGTACCAACTGCCATCAGT  
GCCTCTAGGCATTCTCGAGCCTCTGGAGCGGGACATCTTGCCATGCACGATGAGG  
TCCTGCTCCTCGTAATAGGTGACCTCGGTGGGGCCACTCCAAACCCCTCG  
ATCCCCCTCCACATACTCAGCGACGAACTGATCACTCGTCGGAAACTAGTCGGAG  
AAGCGCTCTCAAGTTCTGGCATCGTAGGGGCCATGGATCCAGATGTAG  
CCACCTCCGAACATGTAAGCGTTCTGCGCAGGATCTGGAATCTGGCTGG  
AACCACTCAAGGAGCGCCATGCTGCTCGCGTGGAGCGCCGAGAGCCACTC  
ATTGTTGATTCGCTGGCTCGGATCGGTAGGCCATGAAGGAAGCTCGGGCCA  
TTCGTCCATGTTCAAGCGCGCTGTATTACGATGCTGCTTCTGTTGGGG  
CGATGTTGCTCGTTAGATCCTGCGCGCACATGTGAGGGTAGTCCATGCAT  
CGCTGACAAAGCCGGCATGGCGATAGCTTCGAAAAATAGGAGGGCTATGGT  
CCCGAGGACTACATGGCGTATGTCGCGAACTGAAATCGATCCAACACATCGAGA  
AGTCTGGCGAGGCTGGATTGAATCAGCTGTCGATGCTGATCGATACCGTGG  
CCTTAAGGAGGTCATGTCGCTACCTTCGAAGAGCGTATGCGTCAAGATCCT  
CGATTATTGCGCGATACACCCCTCACTCGTTCAAGCTATCGCTGATCAATGTC  
GGAAATCCTCGGGTTGGAGGTGCATGATGTCGGGGACTGAGTTATTAGGTT  
TTGAGTGCCTGAGAACAGAACAGGTTGATGGCAAGAATCTGCTGTTGT  
GCTACGCCACCAATTCCGGTGGACGTGGCAGAGATGGCGGAATTGAGTCCC  
AACCGATCCGCCGTCAATGGTTCTAACGGTGGAGTGGAAATCCAGGTGCC  
CTTGGGAAATGAAGGCTCGCGGTGGCGAAAGGATTGGCGAGCGTCTAGT  
GGTAGGTGAGCTCTCGTTGACTCTGCTGTTGAGACGATCAATGCC  
TGTGCCCTGATCTTGAGAGGGCATCGTCTGCATCCGAAACATTCTTATCT  
ACAAGACTGAAAGTAGATGTCGCGGACTCTCGTTGAAAGGAAACGCTGG  
CCCAGGCGCGTGCAGATGTCATGCCATACGGCCATCCTTTGACGTCCAGAG  
TCAGCGGCTTTTGAGACGATCAATGCCCGCGACCCCTGGCTAACGCTGG  
ATCGCCAGCTGGTGCCTGGCGATTCTGACCCATTGCGCTTCCGGGC  
AGTAGAAACTCTAGGATGGCATTGCGGAAACGCTAGCTGGCACTCCCC  
AAGCACA

ATACATCTTGGCGTATTCTCGCGACATGTGAAACGGGCATCGGTATCATGGCAAT  
GACGCTTCTGACACATTCTGATTTGATCGCTATTGCGTTCCATTATAAAGT  
GGGCTCTGGAAGCTGGAGGATGCAGGTCGCCGAGAAGAGTTAACGCGCGTTGC  
TGACGGATAGTCTCAGAATATTCGGTGCCGTTATCGCAGCCCTAGGGTTCTGTTG  
AGCGAGGACGATGACTTGGGATTGCCCTGCTGAGAGTTAACGACACCCTGAC  
GTGCAGGTGCGCAGGAATCGGTCTCCTGGTGTGATGAGTTGAGGGTTCTCTC  
TATGGCCGCCGAGATCAGCCAACGCTCTAGGAAGGACAAGGACTTGAGCTTGCTG  
AAGGCCGTTCCCGAATTTCGCTGGCGTCCGTGCTGGATAAGGAATAGGACTG  
GAACACCTGCGCCCTCATCTCCAAGAACAGTGGTTGAGTCGTGATGTTGCTGGGT  
TTAGTGCTTCCCCGAGCAGTGTGCTTGCAGGCTGGCCAACATACCAAGGGCGTGA  
TTCCTCCGCCGCCGCTGCCGAAGACGTAACAGCCGAGGCTCCTGAAAGGCCCT  
CCTCCCACCTCTCGACTTCTGCCTTAGGATCTTGCCGACTCCTTGTGATGATCTC  
TTGCTTCCATGCCGAGCGATTGAAACGGCCCGACGTCAAAGTTCAATTGCGTAT  
CCGATTGTTGAGGATGGATTGGCTGAGCTACGCTTACCGAGGCCCTGC  
AACATCGGGTGCATCCTCCGGACGGTGATGTCGGCGCTGGCGCCGTAGCCA  
AAACGTTCAGAAAAAGGCCCTCATAGCAATCCCTGCTGAGCTCTGCTTAGTGATGA  
AGTCTACGATTGCCACCTCTTGTGAAAGGCGTTAGGCGCGGTGACGCTGCACGC  
GGTCCCTGGGAGATGCAGTGATGCGTACCAATGAGGGCTCATAGGGGGGGCACG  
GTTTGGTTGACCCGCCATCCGAATGCCGTTAGCCCGAGGCCTGTAGGGCAT  
GCACGTGCTGTCTCACCAGCGCTGGCCTCTGAAGGGAATCTGGCTCGCTGTC  
CCGACCGCAAGGGCGAGCCTCCTCGACGCTGGCGCTTTTGCGGCCCTCGCT  
GCGCGCTAACGGTCTGCTCTCGGGTGCAGTAGGGCCGGACGCTCGCCTGTCGG  
TTCCCACGAGGCGACAACCGCCTGGTGGAGAAGAACCGATGAAGCGCACCAAGA  
CCTGAAGGCTCAATACCAACTCCAGATGGACGAAGAGGGATTCTGCTCGCCGCTG  
CGACCATCTTGGAACAGCGCCTCAACGCCAACGCCGACATCCACAGCCGGAGCAA  
GCCGGCAGCTACTGGTCCCGCTGCCTGACGCTGGCGCTTTTGCGGCCCTCGCT  
GTCTCCTCGACACCAAGCACCACATCCTGGCCACCGAGCACCTCTCAACGGCACA  
ATCGACGGCTGCGAAGTCCACAGCGAGTCGTCGTCAAGCGTGCCCTCGAGCTTAG  
CGCTGCTGCAGTCATCCTGTTACAATACCCGAGCGGCAATCCGGAGGCCAGCGA  
AGCCGACCGCAAAGTCACGAAGCGCCTGGAGCAAGCCTGGCCTCCTGGACATCC  
GAGTCCTCGACCACCTGGTTATCGCGGCCAGCAGCACACCAGCTGGCGGCAAGG  
GGGTGGGCATAGCCGCCCTCATCCCCGCTCCCTAGAACAGAGCGAGAGCGGCAG  
TCCGTGCTGCCGCTCCGACGTTCACATCCACCAACCCACGGCTCTCAAGAGCCT  
TATTCTTGTGGAATAAGGCCACAACAAGCTTGGCCCTTAGGTAGTTCCGCG  
CGCAGTTGCGCCTCCATGATTCTCTCTTCAAGTCGAACCAAGGGTCCATGTAGCCG  
CCCGAACCTGAGCAGGTAGTGATAGCTGCGTATCTGACCCGGCTGGATACAC  
ACGATAGTGCCGCTGGCAGCTCGCGGAAGGGTCCAGTCGGCAACCACCTTAC  
GTTTTCTGTAAAGAGCATGGCGATTTCATCGATCTCAAAGCCTCTGGCTATCG  
TTTATCCGGCCGACTTTCTCTAGCAAGCGCTTGCCGCTGGTATGGGATGT  
CCAAGATCGATGCCACGCAGGCAGCCGACAACCCATTGCTTCCTGCGATACAA

GTTCGTATTCGCATCGCTCCTATCCTGTCTGAAGTTGCTGCATTGTATGGCTATC  
CATACAGCTGGAAAGGGCCGCGCTCAACTGTCCATGGCGAAGGGTAGGGCGGTAGA  
CTCTTAGGCAGAGCAATGGGTTGACACCGATATGGAGACCGAACGCATGGAAACGA  
AGACGATCAACGAACCCAAGGTCGGTGAGTTCTCCAGTTACGTCCCATGCCGCC  
GAGGCGAAAAGGCCACGGCGTGGCTTCGAGAACGAGAACGGATTGCTGTCGCC  
CCGCGGCTCATCTGAAGCCGGACGAGGGTGGGTTCTCCACTGCACGAAACTCCG  
CGCTTGGTCCACATCCCCAGCGAAGGGGAGTTGCCGCAGGACCTGGAGGGCGGTT  
CAGTGGCTATTGGTTGGTCTCCGAACGGCTTCGCCAAGTGATGGAATCTGTGGACGC  
GGATGCCTTGTTCGCTGATGTCGACTATGCCCTGGCGATGGCTCCAGGGGCC  
GACGGTCTCCTCTGCGACGTCGTGCGCACGTTGGATGCTTGGACGAGGAGGCCTC  
CGAACTCGATATCAAGATCAGCGATGACTATGAGGACGGAAAGTATTACAGCTTGG  
CCGGCGGGAGTCGTTGGCTTCAGCGCGACGTGCTGGAGATGCCACGTTCAAGGACGCTGAGGC  
GGCTTCCTTCCATGGCGGTGTTTGCATGGCGATCGCTGGTCTACGACGTAGTGA  
AGCAGGGGATTGGCACCGAACGCCAGTCGGATGCCCTCTGGTCTACGACGTAGTGA  
ACCGTTGACGCGAGCCGCCAGCCAACAGGAAGGAGCCTGAGTCATGCCGAATATC  
GGACGCTTTCAAGATACCACACATCGAACACAGCAGACGCTCAAGAACAGCGAG  
TTGCTGGCGAAGCTCAAGAGACGGGCCGTTGACATTACGCCCGGAGAACATCG  
CCTGTTCTGCCGTCCGATCCGAGTCGCGCAGGCGTTGGACATTACGCCGCACAG  
CGCGGACCTCTGGTGCCTACCAAGATGGCGTATTGAGCGCTGGACGATCTCCA  
GGCGACGCGGGATGGTCGCGCCCTGCGTGGCGACCCCTGAGGCATTGGACCGCG  
TTGCCAGCGTGGAGCAATTGCGCGACACCATCAAGGTCGGCTGATCAATGGCG  
ACTTGAACACCAACACGCCGTGGCCTACGTCACGCCACGAGCGCGAAAGTT  
CAGAACTTTCCGTGGCACCCCGGCTATCACGAAGCCCACGCTACACAAATCGAT  
GCCCTGAAAGGCTCACCGAGTGGATCACGGTTGGGTGGCGTGGCGAACTCTGA  
GTTCCGCATTGTACCGCGCTCGATCAGATCCAGGTCAAGCAGCACGCCATTGCGCG  
TGGCGGGATCCAACGCTGCAACGAAGTGGCTCTCGGTTGCCATGCCAATGCC  
ATCACGACGGACGTGTGGCTTCGGAGCAGGGCATCCTCAAGGTTGAGCAAACC  
TTGGGTGAGGAAGCTGCACAAACCTCCGAGTGCCCGGGCAGCGCGGTGATGT  
GCCATGCACTGTTGATGGCGAGGCTCTGCTCGGGCCTGACCCGTGCCCGGG  
ACTCCTGACCACAGGTGCCGACGCTGTGACGACCGCACGCCACGGCGCTGCGTTGA  
TGGAACAGGGCAACACCACGGCTGCGCAGTCGGAGGTGCAGCACGCCATTGCCCG  
AACGCGGGCGCTGGCTGGTGGCGTCCACGGCAGCGCGCTGGCAGCAGCG  
AGGCTTGTGCCTGCGGCCCTGGTGGCGACGCGGCTGATGAGCAAGGCCT  
CGACAAAGGCCTGACTTGGACAACCGGCCATCTACAAACCAGAGCGATAGGG  
CCGGGGTGGAGTGGCAGTCAGTGGCGGGATTGGCAGCGCCAAGGCCTTCGAG  
CGCGGAGCCGATGGACGAGACACTCCTAGTCAGGCTCCAGTGGAGGCCAGCTACGC  
CAAGTCCAAGAGTTGGAGCTATTGCGAACGCCAAGGCCCGAGTCGCGCTGG  
GAAAAGCACCACCGCCTCAGGATCCGTTCAATCTCCGCCAAGCCTGGGATCAG  
ACAGGTCTGGACAACCAGAATTGGCAGCGCAACCCGGCTACCGAGTCCTGGGACG  
CCAGGTCAAGACTGGCGTGGCGGGTGCAAGCGATCAGGGTGGTACGAGCCTCAGG

CCGCTACCTCGGCACAGGCGCAGCGTTGAACCAGGAATCCCTGGCTCGGATCGAG  
AACAAACATCTGACCGGCCGCGAGGCGATCGCCCAGTCCTATCTGAAAACCATGC  
CGCTCAGCGGTACAGGATTACGGAGTGGCGGTGCCGGCGCAGTGGAAAGTGCTC  
GTGCCAGCAGGCCGGTGCAAGGCCACGATGGTCAGACCTACCAGCGCAATGAG  
GCCGGCAGTGGACCGGCAGGGACGGGTTGCCACCGCAACCTGGCAGTGGAACT  
GGAGCTCACCAACCAGATGCGCCAGCGTCCCTGGAGCGTGCTCAGGAGAACTTGG  
CGGCCATCCAATCGCGGCCAGCGCCCACGCCCGCGCAAATGGAGCACAACGAGCTC  
CTTCATCGCTACCGGCCCGCGTCGACCTCAACGCCAAGAGAAACAATCTCAA  
GCGGTGGAGCTGCCACCCAGCGCACCAAGCAGAACGAGGGCCTGCTGGCCCGAC  
GATGCAGCAACTGAAGCCGAACGAACACGGCAATAACGGCTACGACAGTCCCATTG  
CCCATTACCAAGTTGACCAAGACGGGTTGGCCAC

>CONTIG\_28\_length\_11039\_cov\_16.441441

CCTATCGTTTAATCGTCGATTCCGCTTGCAGAGATGCTGCCACGACTGCCACGG  
CCATGATGCAATCCACACCAGGCCAGAGCGGTTTACGTGCAGCGAGCAATTTC  
ATGGCTGAGAGTCAGGGCTAATCAGGTGCTTGTATGAGTTTCGCTTGCAGAA  
TGGCTGGCTAAAGAGAGCTAAAGCACTATTGGAAGAAGTAAAAACGGCGATAA  
AGACTCAGTCACTCACCCACAATAATTCAATTCAAAGGTGGCTCCTCAGATGTAGAC  
CCGACACAAGAGACCTAAACCTTGAGAAGGCACCGCGTTCTATGTTGCGTGA  
AAAAACTGCCCTCGAAGGGCAGCCCTGAATTGTCATACAGATATGCACTGACG  
TTGTAATACTGGTAAATAGCACCCTTAAATTCAAACCTAAGGTTCCGAGGCT  
GGATCATAACCAGCCGAAACAATATTGACGAAAATACGGCGTCTCGGTCCATTACT  
AGCCCTCTTCAGGTTCATCATCAAATTGCAACCGGGTAATACCTAGATCCTGTG  
CAGCATTGGTCTGCTGACTGCGCACGATGCGACTACACGGCGTATCCCTCTGCTG  
AGCGTCGACTAGCCCATGCCTGGTCACCTCGGATCGTTACTCTAGGCAAATGCT  
CTTGGCTGGCAATGCTACACGACACCTGACAGGAAGACGGGAGCCTCGCCAGTG  
ATGATTGCCCTCCCCAGTCGAAGACTGGCAGCAGATCCATTAGACCTGCGAGGTTG  
TCCGGCAATGTCCCTTCACTCGGGCACGATCCACAGGATTGGACAAGCGAAGAGC  
AATGATTGTGCCGCACTGAGATAGCACCCTTGTACCTCAGCGGGCTTGAGA  
GACGACCATCGCACCCACTCCGTATTTCTGCCCTCGCGATCCTCTCACTACC  
TCTGATGCAACTGTGCCGGAGTCCGGACCAAGGTAGCGATGCGCCTCCATGACC  
ACTAGTAGCGGGCTTCGACCCCGCTTCCGACTTTCTGCTCCAAAAGAGCGCT  
TCGTAACAGATGCGCAGGATGGAGCCGATCAGCGTGTGAGCACAGTGCTAGGAAC  
ACCTGAAAGATCTAAATCGTAATTGCTTGTGACCTAGCCACCCCTGAAGAAG  
CTTGTCTAGATCACTGCTCACTAGACCGGTTGAGTCAGGTTCCAGTCGCCAGGATG  
AAGTAGAAAGTCATATCGACGATCCAGCAGCGAGAGCGAAGCAAGTTAACGGTC  
TGCAGATGCCCTTGGCCGCACCATTAAATGAAAGCGCCTGTTCCATGGAGTGCG  
GCTGATACTTGGCGGAACCAATGAGTCAGCGTCACCGACGTCTACGATGGCAGGTT  
GTTCGCGATTGGCGTCTAGATAGGTAGTCATTGAGTCAGCTACGCTCATACAAA  
GCTGCTCAAACGGAACGGACTATCGACGGTGAGGGCTTCGAATCAATTG

CTGTCGAGGATACTTATTCTCCCTATCCTTAGTTCCGCAATCTATCGGTGAA  
AGTGATTCTGTGGGCTGTAAGTCCACCTGTTACGAAGTCTAAGAGCTCACCGGC  
CTCAAGCGCCCAGTAAGGAACAAAGAGCGGCTCCTGTCCTGAGTAGGAGTAGCGC  
TAAAAACGGTAGGCCACATCTGCCAAGGCTTGATTCGCCATGGATATCCAACA  
TTAGAATTGAGCACCTGGCGATCCGACGGCCTCACCTTCTTATGATGGAGCGCA  
GCAAACCTGCAACAGTCGTGGATTCCCTGAACCGGTCATCCTAAAATTGCGGAAT  
GACGGGTGACAAGTGCATCCAGTGACAGACGAACATCGATATTCTCAGCGCTGAA  
AGGTGCCAATGACAACATTGATCGTCACCAATCGAACCATAGATTGTCGAAGGTCA  
GTCTCTGTTACCAGATGAACACTGAGTCATTAATATTGGATGCTGACTAAACCGCGT  
TCGAATTGTCACCAACGGTTCACCTGCCAGCTGGACGGTCATCCATTCGCTGAA  
TCAGCGCTGAAATATTGCTTGCAGCAGGAGCAGCGGTGGCTCCGACCTCTGAGACG  
ATACCAAACAAATCTTGGTATCCCTGAGGGATCCTACGAAGCTGCCACCTGCCCT  
ACTCGATAGGTGTGCCATTATGACTGCGAACCTGAGTCGAGGGACTGGGCCAG  
CCTCACAGTCAGGTGCGCACCTGAGACGGCGCTAACACACCTAAATATGTCGGAT  
CGGTCTCACTCATTGGGCCGTCCACAGTTGAGATTGCCATCGCTACCGCCGTC  
TGTCTCGGTTGCAGCAGGGGCCGGTCTCTCTCTTAGAGACTGCGTAATCAGATC  
GTTAGCCTGAGCCAATGCACAAAAACGTGAGAAGGCTGAGAAATCTCCAACAAAA  
AAACGGGAGGGTTTCGGCCATGGGACGCCAGAATGTATCGGGATGCCACCC  
CAATTGGAGCTCTGGACGCCATTTCCTGCAACGCAGCCTACTGCA  
CCATCAGCTGCATACACACTCAAATTAGGCCTGCGTGGCTAATTAAACGGCTGGC  
TGTCTTTCAAATTCTGATACTGGAAAGCAAGGACGGCAGTATTGGCATTCA  
ACCAAGCTTCATCAAGAACTGCGCAGATGTGTCATCTCTAAATGAAAAGCCGACC  
GCCAATAAAAGCGAGTCCGGGTGAGCAAGAATCTTTAAGCCTTCGAAAAGCGC  
AGAGTAAGGCTGCTCTGAGTTAAATCATATTAAATGATCTGGATAGACCAGTTC  
AGTAGCTCTCTACCATGACCACGAACAATGCCCATCTCTAACGCCAGCCAAG  
GGAACCATGCATCTCCAAAGCTTGCCTCGGGCAGGCAAATCGTCGCCTGCCAC  
AGACACTGGTCGAAGAATGGTTACTGCCCTGAGAAACCATCGAAGTATGGAC  
TCCTCACCCCTTCGAACGCTCTCGAAGAGGAAGTCATAGTTGTCGTAAATATT  
TACAGAATTGACCTGACTGTCCCAGTAATCCATGAAACCAGTCCGAATATGGTT  
CCGATCTTCGGCAATGGACGCCACTATTTCGATATTAAACAAATATCCTT  
CCTAGTTCTTGTAACCCTGAAATCCAAGCCTGGACTCGGTTTCCTAATGCCT  
GTTCTAACAGTCGAACTCGTAAAGGACAGATTGATATTGCAACGCCCTAAAC  
TTGTTGATGGCATCGACTGCACTGAGCTGCTCAATGTGAGGCCCTGAGGTTGCTT  
GCTTCGTCAGTCATCTACACCTGGAATCAGCGGTTCCCTGGATCAATCTCATT  
CTTGCCTAACAAAGAAGAGCAAGGGTCCCCCTGCACCAACGAGTAGACCGACTC  
GCTTCTGCCTGGAAAGCACCTGCCGTAGATCAGACATAAACCGATCTGGATTGT  
GGAACGTTCCATCGTCCGGCCCCCTGTGCGTGTGCGGCCGAGGTTCTCCGTAGAA  
CCTCCACATTGGCACCATCGTACGGGTTAGGTTACATCACCTCACTGTCAAT  
CATCTAGGTAATCAAACGACTGACCGGGCACCGGCAGCCCTAACGTTCCGACTTC  
TGGTCTGCTCCTGACCTAACAAAGCAGCTCCTCTGCTCCTGGCAGTCATTGTC

GAACTCCTGAATGAGTTGGCCAGCTCGTCTGCTCTGCGTAGAGGTAGGCAAGCGA  
GACGCCAAGGGCGTCAGCCATCTTCTGAGCCGCTCGCTATCGCACTCATGCACTGC  
CCGCTCGTATCGATTGATTGAAACGCCGCGACATCTTCTGGTAGTCCCAGAGCAC  
TCCTAAGGCCTCTGGCTGAGCGAAGTGTCTCCTCCGCTTCTCATACGGCGGC  
GAAGACGACACGAACACTGCAGGGCGTTGGAGAACAGTCATGCCCAAGGATGAACGT  
AAGCTACGCTTCTCGTAAATTACGTTGCCGTATCTTACGTTAGCGTATCTTGCCC  
CATCCGTCAACCACCATCCATAGGGGAAGTCATGGGCACGCCAAGCACGAAGTAGCGG  
AGGAGATCCACAGGCAGGTTCAAGCACAAGCCGCAGCACAGCTCACGCAGCCC  
TTGCTCAAACGAGGCTGGCGCATTGCCTATGTGGGATGGGCCGCTCCATCCTCCCT  
GTCATTGGCTTCTTCTTCATGATCATCCTTCGATCGTTGCCTGATCCATGGCGTGT  
TGGCCATCGTCAAAGGCAACACCTCTGGGGGCTTACGCCTGGCTGGCTGCCTGGC  
TTGGATCAACCAGGGTTGGCCTGCTCTGGATGGGTGTCTATGCCCTCTCTTCGCT  
CTTTAATCAAGGAACCGCGATGTCTAAGGTTGCCGTATCACCAATTGGCCTGATGG  
TTAGCATTTGGCTGCTGCTCATCTAGCCATCTGAGTCCAAGGCTGAGGAAGCGA  
TGCTTGCCATGCCAAGGCCAATGGTCTGAGGATGCCAAGCTCACCAAGCTTAAGC  
TTGGGAATGTTGAAGTCTGATAATGGGGCTACAACCTGCCCTGTTGAATCGCATA  
TCGTTGCGATGGCGGCAATTGATCAAGACTTAAAGGTGTTTACCTTGCCA  
AGATCGACGGAAATACAAAGTGGGGACGGTGAGCCGACGTTAAAATAAT  
TTCGAATAATTGCCCCAAGCCCCCAAGGGGCTTTTATTGGAATGCCGAT  
CGAGGCATGGTGGGAAGGGAGCACCCGCTCTATCGAAGAATCAAGTCGTGCA  
GGCCATCTTCAGGCATTGCTGCATGGACTCACGAATCATCTGACTGAAGTTGA  
TTCCGGATTATAATCTGACATGGCAAAAAACGACACCGACTGAGTATCATCTCG  
CCAAGCCTCTTGATGAAGAAGAGCGAGCGTCCGGACTGAAATGGTAGAAACA  
ACTTATAAAAGTCCTCAGAGCCAACAATGTCGCCCCGCCAAGCGAGTGAAGCACCT  
ATCCCAACTCTATGTCGATGGCTGATTAGTGTAAAGAGCTAACGACACTCTGAA  
AGAGCGCGTTCAAAGTGATTGAAACAGCGCAACAAAAACAACCAACTAGGCTATAGT  
TGACCGACCGTAATTGCAATTAACTATTGAAACAAGGCGATTGCGAGGAGGAAT  
CAATAATGGCGACACATAAAATCAGCGAACAGAGAGAGAGACCGAGCAAACCA  
AGTCCGGCATGCAAAGGAAGCGCTTGCCTAACAGGCGAAGAAATATCCTACCAA  
CAGAAAAGCTGGCGCAGCTTCAATTGAAAGGTGAAATTGACGCAGATGAACCTCGAA  
AGCCTATTGAGGGCGGCACAATCCACTAACAGTGGAAAAAGTCAAATCTCTTG  
GTTAATTCAACGTAACACGGAAACCCGCGCCAGCTACTAACAGAGGACCACTATG  
GTTATAAAATTAAACCGCCCCATAGAACAGCAAAGTTGGTTGAGTTAACGGCTAACCA  
TTGACACGCCATTGCTCCTCATTAAGTTGGTGATCAAAGGTGGCTCATGAAAAAG  
ATCAACTCGAACAGACAATTAAACGAACGGCAATGCGAGTGTATCTGGGTGATATCG  
GGTAATTGGTGCCTGAAGGCTCACGGCCAAGGGCAAACGCGGACCGCGTTTC  
ATAAGAATGATCAAGCAGCTCGTATGGCACAGGGCTGATCAACTCCTCCCTCCG  
AATACTCTAGCGATCTCCATCTCTAGAACAGACAAATCAAAAGTATCGCGAGAC  
ATCAAACGAGAGAGAAAAGTCTGGCGGCATCGTCGGACTAACCAAGACCCCTCAG  
CATCACCGCCAGCGTTATTGGAACATCCCTGTCGATCAGATCAACCAGGACCACT

TCGCTCAGTGCAGATAGCTCCAGTGGTGGCCAAAAATGCGAAGTCCAGAAAGG  
AGTTTCGCGGAATGAGCACTACCGAGGTCTGCCATAGGCCGGTCACGCAAACCA  
GTGACCATTGCTGCTAGCACTACAACAACCATCTGGCGAGGATCTGCGCATT  
CAACGCCAAATTGCAATAGGTGTGATCAAAAATTCTCCCTGCGCTGGCGTCAACACG  
AAAATTGACACATCAACAGAGAAAAAAAGCAGAAGGCCGCTCTACATCGAAGAATT  
AGCTGCATTGGTAACCGACTGAATTAAAGCGCTGGGCCAAAGATCGTCCAGAGCG  
GTGGTGGGTGCCGAGCTTGTCTACACAGGTGCCGAGCCAGCGAAATTGCCA  
GCTTCGACTTCCGATATTCTACCATGATGGCATTAGCTGCATCACCATTGCGTC  
ACTCAAAAAGAACAGCGTGTCAAAAATAACCCCTGTTCGCGTCACTCCACTGGCT  
CAACCACTGATCGATGCAGGCTCCTATCTATGTCGAAGAAGTTAGAGCAACCAA  
CATCCGCGCCTGTTCCCCATCTCGATGCCGGCTACGCTTATGAGGGTGAAGCC  
TTCTATCTGGTTATGGTGACAAGGTAACTCGGGACTTTGCAAGCGCCTAAACAA  
ATGGGATTGATAAAGGCATCGGCTCCATGCTTCCGCCACTTTCAACAAATT  
TGACCAAACATGGGATTGGTGTGGCAGAAGGTAACTCGGGCTTACCGGCCACGCCGTT  
AAGGATCGAAGCCGGACAGCGTGCATGTCAGGACTACAAACCTACATTGATCGG  
GATCAATGTCCTCCGAACCTAAAGCAATACCGCACGGTTGAAATTAAACCA  
GGCGTTGAATTGCCCGCCTACACCCCTGGACAATTGCAAAAGCATTCAAGAAAG  
AAAAAATTAAAGAAGTAGCTCAAAAAACGGAAGTTGAACACTATTGAGGCACCC  
CGAAACGAAGGCCGGGATATTCACCCCTTCTGCTGTTCCACAACACGGTCGT  
AAGCTCGAAAAACTCTCTCATCTGCCAGGTGAGCACAGTATTGATAGTTCCG  
GGTAATCAAAGCCACACGTCTACGTTCTCTGCCATGATTGAAGAAGTGGCG  
GGCTGTATTCAAATACTGATCGTTAAAGAGTTCTTGACTACAATGAGCGTCTTCT  
CTCTTATTGCAATATTACGCCATGCAGCTCATCACCAATGAAAAAGTCTAGCGT  
ATGGTCGAACCTCTGAATGTATCCGAGCGCACCCCTCACTGACCAATGCCATT  
GAGCGCGTGCATCACATTGAACGCTCCTCGATATTGATGACTGATTGCTTCG  
GTATTGGGGCTGTCCTTAGCTGCACAATCAACACTCTTACGAGTCACGACTAAG  
ATATCGCACACCTCTCCTGCGTACCGCAAGGGGCTGTGATAGATTGCTTT  
GTTCAAAGCACATTGAAAGGCAGCGAATGATGTTCTTGATAGCTCCGGCT  
CTTTCTTCGACCTGGGTATGGCTGTAACCGCGAGCGCCGTGATACTGGTGTGACTT  
AGGCTGCAAATCCTGGATGCCACATCCCCAAATTCCATCTCAGAAAATTCTATTAC  
GATGGCTCCAAGTCATCACGGTCAGTGCAGAGAGAAAACCAATGCGGGATCGCAT  
CTAGCAGTGATCCGAGTTGCATGGTTCTCAGAAGAAAATTGATCAATCCGCT  
GGCGGCTGGCTTGGAAATGATGCCCTCGACTTGAAAACAAAGTGTCTCGTGA  
GCTCGTAAAAAATGGACAGATAGACTCTGGCTATTCAAAGCAGCGAACAGGTCT  
TCTGATAGATCATCCATCAGAGGTGTGACCAAGAGTCAGTGGCTCATCATGATCA  
TCGAAGAAAGCCGTCAACAATTCCACGACCTAGCGCCTGAAATTCAACAGGCC  
AAGATACATTTATAAAGCCTGACAACCTAGCTGCCAAGATGTATTCCGGCAT  
CTTAATTATCAAAGGTGCCATTCCATCGGGCTTCTTGGGAAGAATGCC  
TGGATAATGTCGTATTCCGGCAGAAGCGCTGGATATGAGAGCGTAATTACCATTC  
AAAAAACCTCCTCAGGCCGGCTCATCCTCATCAGCTACCTGGAACTTGGAAAAC

GCTCGTTGGATGCTTGCCTCCATTCTTATAAGCCGCCGATCCTCGTAAGCTG  
AAAAGCACGCCGGAGTCCGGCACGACCCGACCAAGTCTCTGAGTGTGTGGAAGGCC  
AATACTTGGGAGCGACTTCCTCTTGTGCCACTGCCTCTCGGGCGGCCTGGTCC  
GCCAACGAAAGGCCAAGCTGAGCTGCAAGATCTGCTTCTGCTTGGCGGTAAAAT  
GCTGCCGAAGCGCTAACAGATCAGATACCTGCTGGAAGGTGTTGATGCTTCTT  
GTTCAATAAGCTTGGCTCTCCTCTCAAGCTTTAAGCTCTCGGAAAGTCGGGC  
TTTGGCAGAAACAATGGAATCAAGGGTGGGTTTGACATATTCAATTCTCTAATT  
TTATCAATCCAGTATTGAAGCCAGAACTGAAGAAGCTTACAGGAGCCTCCCTAC  
TGGTTTTCTCTAGCTCAGATAGCAACTGTCTACAAATATTTTCTTCAAAG  
AACTCACCTGGCCCACGCATGGTTGGTATCTCATGAAAGGCTGCAACATAGAATT  
AGAGTCATCCGCAAGTAATATTCTAAATTGCACATAGCAGTCCAACCAGAACG  
GGCTGTGCGCTATGAACAATGTCGACCTGCCCTATAAATTCTCTGGACCTGCCAA  
CGGACTCGCCGATCATGAACTCTAACGATAGCCGCTATCTTACCTGGGAATTGAT  
TTTCTATGAATTCTCAAGTGTAGAAAAAAATAGGGCTCATCATCACAGCTCCA  
AGAAGATCCTGAGCAGTGTCCGGACTTGGACTAACTCATATAATTGGTTGTCA  
GTTCATGGGCCGAATTAAACCCACCCCTATCGTTAGATGTTTAAAGTTCAAA  
CGCCGACCGGTAAGCTGACAAATGTTAGAAACGTATATTAACTCTAACGGTAGGCG  
CCAGAGCGCCTTCCACACCAGCCCCATTGGCCGCCCCCTTGCTCCTTCGCCAA  
GTATTGGTTGCTGTCCACCAGTTCACGAGCTTAAAGGGTGTACGCTAGT  
CCCTACTCGATATAATCGAAATGCCGAAAGCATACGATCTCTGATTCCGTCTGGAT  
TATGTCGCGCAAGCCTATGCCCTGCAAATTACCAAAAAAAATCAACAAGATTCCCTGT  
ATCTTTTCCCTCGGATTGGTATAAGCGTAGGCAATGGAAGCACTAACAGAGCTT  
TTCATTGTGCAGGACTAAAAATCTGCGTTACCCGAGATTATTGCGTCATACTTG  
TAACGAATGAGATCTAAAGCTGACCAATTGTCGATAGGCCGCCGGCGAGA  
CCTTCATCTACTCTACATCTACCTCAGCAAATAATCGCTGATCATTTCAGTC  
CAACTTGTGCGCGAAGTTTCGTTAGGGTTTCGTAAGTCGATAACATTAGCGG  
GCAGGGATTGATGATTGACATCACCATCGTCCAGTGATATTCCCTTATC  
TGGCATCCGTCATAACGAAAAATGCCCTATAATTGTGGGGCTTCGGTCATCAT  
TGATCTGACCTACCAAATCGCACCAAGAAAGCTCACTCGTATCAGGGACTGCAC  
GGAGCCATTAAGTGGCTGAGGTTGGAGAAGTTGAAATTGACATACAAACTTCCAA  
CCCAAACCCATCATAGGCACCTAACAGATCGCGGCTAGCACGCTATCTT  
TAAATACTCGATCTCTAGCGCTGGTGAGCTGAGATCCATCATTAGCGTCATT  
AAAGTTCTCAAGCCAGTCGAATGTGTCATTAAATGAAATGAAGTTAAAGACTGA  
TCCAATTACGAACAAATGATCCTATCAGCGTGCTTCTGCTGAATACGCTCTGAC  
CTTCCTGTCTTTCGCAAGCCTGAACTGCTCTGCAAGACTAGCTACTACCTCAGT  
TAGCGCCTGTAATGATTGACCTGAATTGAGCAGAATTGGGTGATCAGATAAAATT  
AATCGCCTCTCCGCTACTATTGCTCTACGCGGTATCAGCATGTGGACTTCAGT  
ATCTTACTGAACTCTCTCAAATGTTGAGCGGGTTATTGTTCTAGCCGGTATGAAT  
CAAGCGATGATTGATGCACCATGTTGAACCATGCAGCCAGAAAGAAGAGCTGTCTG  
TTCGTTAAGGCATTAGCTGCGGAGCGGACATGGATGTCGATGCGCATGTAGTTGACG

CCGTAGTCAATTGTTATAATATAGGTATCGCTAACATCTGCACGTTGGCTA  
CCAAAAAAAATGGAATTGAAAGCACAGGCTGTGGCCTGTGTTCCGCTGTGCTTCCT  
CTTCCACCTATGCAAAAAGAGCCTGTAAGGCTTTTTGCCTCAAAATTGAG  
TCTCCCCTAGCAAGTCAGTGGCTAGAACCGCTACAATGGCTGGACACCGACAAGGA  
CAAGCGTCCGGTTCGTGTCCCAGTTGAGATCAAAGGGTTAGAGCGGATTCCCGT  
CTCCCCCTCTCCGCCAGTTATGATCCTGCAACCGATTGCCTGGATCCAGGGCC  
ACGCCAGTGGCCCACGTCTTATGGTGGCCCCGTCGGTCCCTCGCGAC

>CONTIG\_29\_length\_10765\_cov\_15.194021

CGCTTTCGGCTTCGCGCAGAAAGCCATGACCTGCTCGTCAGTAAAACGTTCTTCA  
CGTCCAATCTCCTCGGGTAGGAAATTGGACTCCAAACTGAGGGCGCTACTCAAAATT  
GGGTGGACGTCGGCCGACGGCGACGAACGTGCGTCTCGCTCGCTGCCTTG  
CTCTCGATGGCGCGGCCATGACTGTAAAAGCTGCCAAAAGTGGCGCGATCAGG  
ACTTGAGGCCCGCAGTGTGGCACCGCTGCATCCAGGCGTTGAGGTGGAGGCGA  
GCTCAGCTCTGTCATGGCTCGAGTATCCGAGTGTGCTGCGATCGGTTGAGACAC  
ACGGTCAGCCCCTTCAAATGCCAGTTGACATGCCAGGGTGGGCGCTGCTTC  
AACCAAGCTTCTAACGTCTGGAGGGCTTCGCCATTCCGTTGCTCCATGGTTCA  
TATACAGGACTAGGCCAAGGCATGCTGAGCCAACGGCAAACAGATAGGTGACGTAGGTGCTTATTG  
AGCATCCATCCAATGAAGAACCTTCCTCCTCATCGACTGACTGCACGCGTCGCCAC  
TTCCCTGCCGCCTCCAGAACTTGGACTTCATCTCCCTCACCAATTGACCAGTTACGG  
GTCCTGACCAATGGTCGCAATCGCGCGCGTCCGACGGCCACTTCATAACTCTGTT  
CGAGCTGCTGTAGCGCGAGCGACGCGCGCATGACTTGAGCGACTCAACGGAGCTT  
TGTTGATGCTCCAAACCTTGAGCCATCTGGCTTGATGCTGTTGGCGAATAAGCGAC  
ACCAATTCCCGTGGCCTCGTGGCTCTGCTGTAAAGGAAGCAGGCGAAC  
GGAAGCAATAAGGCATAGGCATTCCAGCGTTGGAAGGAGTAACCCCAAGCCTTG  
CAAGCGCTTGAGGAAAGAAAGAACGCCACGACACGATCCAAGCGCTGTCACTCTG  
CTGCAACGGCAACATCACTGGCACAGCATCAGGTTGCTCGAGACTTCGGCTCCT  
CAACTCCTCAAGCAAGCGACGGATGCCCTCGTGAACTCGCTCGTAGTCAGCTTT  
GGACCCAGGCCTGGAACGTAGGTGACTGCGCCACCTGATGGACCATGCTCAAGCGG  
TCTTGGATCTTGCACCAAAAGTCAGGACCTTGGCTACATTAACTCTCGCT  
GAAGTTCAATGGCACATGCCACCATCGACAGCCGGCTGCGACAGACCTGCGCT  
TGCAGGGCAATTGGATGCCACGGACAAGACCTCGAACACGGGGGCCATACC  
TCGGTGGCTCCTGAAAGCGCGGCTGCGCCAACCTGGCAACACGGGCCAGCTCATA  
AGCCGGCCCCGTGGCCGAGGGCATCCACCGAGCGAACCGGGAAAGCGTGTCCA  
AGGCGGTAGTAGCTCCAACGTCGTGTTACTGATCGTGGCCAGTGTCCAG  
CGTGAGCTGCTCAACGAGGGACTCGCTCCCCAGCCACAGGCGCGGTGTC  
TTCGAGCTCTGCAACGCAGCGACCAATCGATCTACAGCTGGCCGGTCTGGCAA  
CTTGACATTGCCTCCGGTCAACCAACGTCTTTGTCCCTGCCATCAGGTTATT  
CAACGTTCGTAGTCACAGCGCCGTTCTTAAAGGTAAGTCCACATACTATTAAACTA

ACGGTGCTGAGCGTGCTTGACGATGAAGTTGCCTATGGCGTGCGCCATCGACGAC  
GGGGAACTTAAGCGGTTGAAGGGGTGCTGTCCAAGTGTGGCGCCGGGAAGGC GG  
GCTCAACGCCCGAAGCGT GACTGT CATT CAGGAGGGT GATGCGC ATCGGAT  
AGAGCTTGGAACGCGT C TACGAC ACCGAC GACA ATGCCA TATCCAA AGCGTT GT  
CGAAGCTTGCCTGGGACTTGACCGCGTTCACTTGCCTGGAAATGGTCCGGCAAG  
CGCCCGATGGCGAGGATGGCAAACAGCTAACGGATGGT GCTGGAGATGCTCGTC  
TCAGGCTTTGGTGCAGCACCATGCAAGCGT CCGC GACTGGCCGACCAGGACCC  
CATCCATGGCCAATATGGGTTGCTCCATTGGTGGCCTGCTACTGGACCGAAAGC  
GGTCCGGCAGCGCATCACCCTCGGGTATTCTCGAGGAAATGCCAGCCTCGGCT  
ACA ACTACGCGGCCGTTGAAGAGCAGTATCGGAGTTCTGCGCGCCAAAGCACCA  
GGCCAAGCCC ACTGGGTTCTCGGGACTATCACTACGAACCCCTCGGCCAACGGCA  
CGCCGTTTCGACTGTCTGAGCGGGACCACGCCGGCACATCCACCCCCCGATGATC  
TGATTCGAGAAGAGGTGTTGACACGCTGGAGCGCCCTAGCGCGCTGGACGGC  
ATAGTGGAACACGTCAACGTGAAATCGCTCACCGGCCACCGAGTTCAGCCGCAC  
CGGTCGAGCGCTCCAGCAGTGGAACCTGGACGACGCCAAAGGTGCCATCAAGGAGC  
TGGCCCAGATCGCGAGCTGGTGGCGAGTGGTTGCTTCAGCGGCATCGGAGCG  
TTCTCCCCACCCCCAGTTGACCACTTCGACACTTGGACCAGCCCTATTCAATGG  
GGACAGGCAGCAACTCCAAATAACGTGGGACGCTCTGGAGCAAGAAATCCGGCAAT  
GGCACGACGTGGACCCCGGGCGCTTAGCATGCTGGCCTCATAGACGGCAACAA  
CTTCTACGT CAGCTCGAGCGAGTGTCCAACCCCGGGCTATGTCGCCCGGGCA  
TTTGTTCGCCCAAGTGGACCACGCTCAAAGCCTGATGGACATCATGGACCGCG  
AACACCCCAGTCGGT CGCGGCTCAATGGCATTGCGT CGGCCAAGCGGGTGC  
GGGGCGAGCAACG CAGGTAGGTGTTGGCCATGAACCAGACAGCGTTGTCACCGC  
TTACACCCACAAGGTGGGATCAGCTTGTCCGGTGCCTAGTGCCTGGGATACGATCGAG  
TCACTGGTCCAATGCAGGC ACTGCGGGTCCCGTCTAAACTCCCCCTCAAAAACAGCC  
ACAAAGAGTTGTATGACAAATCTAGGAAGGATGAGCTAACGAATGGCAGTGGC  
CACACCGCCCGACGAATGAGGTGAGTTCGACACCATGATGACGTCACTCGACAGT  
CGACTCTCGCGAAGGGCATCGAACCGCACCGT CGCGGGATGATGGCTCCCTGCA  
GGTCTCCGGACGTTGAAGTTGGATGGAACTCCGATCCTGGCGGGCCACGGACCT  
GGGTCCGCCTTCTCCCCACGTGATCTTCTGCTCGTGTTCACGCCCTGGTATTCCGAT  
CACTACGGCGATGCTATGAAGGTGACTTTCACCTGGAACCTTCTGTGGTTGTCA  
ACGCCAACCTTGGAGGATTGCCTCCGATGATCATGGGTGAAGGAGTGGTGTGG  
TTGATCGAGATCTTCAAAGGTCCAACAGAAACTGTGGCAGAGGTCAAGCAATT  
ACAACGCATTGTCTCGGTAGAAGGTCTGACTAACCAATGGCAAACAAAGTTGACA  
GACCGAGAACTCGTCTTCCATCGGGCTTATGCACGGATGGCAAGCCATCATG  
ACCTTGATTCTCTCGCGGCCATCCGCTCTCGCCATGCGAAAGCAGATTTCAGG  
CACAGCGTCAAGCCATCTCAAGCGGGGAGAGTATGGGAAAGCTGATGGGAGGC  
CGCCCGAGTGC CGGGAAAAGTTACTGAAGGGCTCCTAGCCCGGCTGGACAGGC  
ACCCGACGAACGCCGGGAAGGGTCACGATCACGTCCACCTGGCAAACCTTGGAT  
GAAAAACTCGGAATCCACGTAGACGAGCGGATTCTGTCCACCCCTCAAGACTTCACC

AGCTGTCGATACGGCGAAGAACGCCAGCTCTGAGCCAGGCATGGATTGCGATA  
GCGCTCTGTTGGCGCTGCTCAGAATTCTGGGTCGCATGATTCCGTTCAAAACGATC  
ACGCGGACACAGGGACGGAGAAGTAGCGTGCAGATCATCTTGACCCAGCAGACGG  
CTTGTGCGTCAGTCACGTTGCCGTATTCAGATCTTCTGGTATGAGAGACGCCACC  
GTCTTACAGTAGCGATACACCGCAGAGCTGCTCACTCCCAGCTCCAGGGCCAAGTGG  
GCCCTGCTGAATGAAAGCGATCGAAACGTCAGGCCATTAGGAATACAGCACGC  
TCACTGTCATGGATACAAGCAAAGGAACGTGCCCTATGAAATGCTCATGCGCATA  
CTTCTCTCAAGACCGTAAGTCCGGATAAGCCATCTAGAGGAACCACCGGTATCCGC  
ACCAACTTCGCTACGACCATGGAGTGACGCCTATTGTTAACTATCAGCACATCTCC  
CGGCTTGAGCGGTATGCTCTTAGAATACCTTGACGCCGCCATTGAAATTCTCCAA  
GGCATTGGCGTCTAGGTCTTCTGGCGCAACAATTGCTATGGCTAACCTT  
ACCCAATACCCGGCGTCGCTCGCAAATGAATGACTGCGGCTTCACTCAAAGAGTG  
GCGCGACCGAACACAGCAATCGTGCCTTTGAAGCTATCTTGACACGTCACCAA  
ATATTATGTTCATCAACTCCTCAATGGTGGCTCGTCCAGATCCTTATAACACTT  
GCCAAAGGCATAATAGTGGTGGTACAGAGTCTGGATTCCGTAGCGCTCCAAAGCA  
AACAAACGTCCGGTGAAGGAGCAATATTCGTAGTTGGGATCTCGCACCCGGAAA  
CGGGAAAGCTCATAGCATCTGTATGACCACGCAGACCCCTTGAGATTCTCGCCT  
GTAACCATGCCGGGCATGCCACCAAGTTGACAAAAAGCGCCCCGTATTCTCAG  
AACGATAACGAGATTGTTATTCTGCAGGAGAGCATTGACACTATGATGGTATT  
GAACCCGAGCTATGGACCAAGTCATTGGCACAGGCAACCAGTCTGAGGGGTCTCG  
TTCAGGTCCCTGCCGAGTTCAAAGATGTTCTCAGAAGCACTACTCCATCAACTTCC  
AACTGACTTGCAGCGACCCGAAGCAGCAGTGTATCGGTTCTACCGGCCAGCAG  
CCCTAGCAATTGACCCAATTGCCCTGGATCTCGAAAAGTCAATACACTC  
AATTTCAGAGCACATTCTCCACAGACTGGCGATTGCCCTGAACGAGATCTACTTC  
CATGTTTCCTCAGAGAAAAAGCTCCAATTGACGAACGTCAATTGGTATACAAA  
ATTGATAACGCCCTAACGCAAGTGTATGCCAGTGTCACTTCTAGGAGTCAG  
GCCATGCCCTCCACGACAAAGCGTCAAGACAAACCTCAACGAGCTACAGGATTAGT  
CGAACGTACAGCTCACGAGCTCGCTCCACTGCCGATTTCGGCTCTGCGCATCT  
GCTTTCAATGATAACCAAGTCATATGTTGAACCTCATGCGACGCTTGATCGAGAGGA  
TATGGTCTTAGGTTCCGGTACGACGCGAGAGGCCATTAGACTATCGGCATATCAGCTCCCT  
GGGTAGCTCCGACTTGACATCTCACATGTCTACATACGTTTGGTAATGAGACGA  
AAAAGATTGAGTTGGTAAGCCGAGAGGCCATTAGACTATCGGCATATCAGCTCCCT  
CAGGCCCTGGGATGCGATAGATTCTGTTGCAACTCATGTGATAGCCGCGGTCAA  
AAACCATTGAAAGGTTGCTTACTGTTGGCATGGATCTCTTGATCAGAGTCTTAAGG  
TTATGCATTCCAGCAAAGTCAAAGAGGCCATTAGACTATCGGCATATCAGCTCCCT  
GCGATACGCGACAGGTATGGCGCGCTAGACGATACGATCTATTGCGAGGTTGCG  
GTCGCTGCAAATGAAACATGGCCGCGCTTATCCTCATTTGAGCCGCTTGCTTAGCA  
ATGGCGCTGAAAAGTGAGTGCATCCCGCTGAGCGACGAAGAAGAACCTTTCATT  
CGCTTATGAATGAGCTCGTGAGACCGTCGCGACTCAGGGCGAAAGGACAGAGGTCA  
GTCAGCGATGTGAAAGTGCAGCGCTGATCATCCAGGAAGCAGAAGGCTGATAACAA

GATCCCGATTACAAGACCGATAGGCCAAGGCAAGATATTCTCCAGGACGGTGATT  
CGCAGGGCTTGGTAGTGTGCTTAGCGATGCCAAGATGCTTCCAGCCGGATCTCCGTA  
GCAAGCCCTGGTCGTTATCGAACAACTATAGCTCGTAATCGCTCGGATGACGCC  
AGGGCGTTGGGTGACTAAACCAGGGTAACTGATCCACAAGATCAATCGTCCCTACG  
CCGACGCTGGCCGTGACGTGGCATCCAAATAAGTTACTCCGCAGGACCAAGGGC  
GCACAGAAAATCATCCCATTGGACAGCCACCATGGAAAACGCCGTTGACCAGCTG  
TAATCGTGAAGATTGCTTGGCAATCACGTGGTAACCCGCTTTCGAGCTCCGCT  
GCCAGGGCTGCGCTCATGATTGACGGAACAATGGACCGAAGTTGCC  
CAGCAGCATGGCGCAAGAAAGCCTCCGGCTACCAGCGCAGCGTTCTGCCA  
CCGATGCAGCGCCTCATACGCTGAGCGAGCGACTTGTAAATAGACCAAGCTTCCA  
GGCGTAAGGGCCGGAACATCAAACACTAACAAATGACAAGCCTCGCTACATGCCCGC  
CAAGGTTGCTAACGCCGCTCACCGCCTCGTCTCGATCGATTGGAGAGCAACGT  
GGATTGAGCCAAGTCCCAGCGATCTTCCGACCAATACCGCAACGAACCTCTCCAT  
CGTCAGACGATGCCAACGGCAAAAGGCAGAGATGCAGTGAGGTTGCTCACAAACA  
CATCGTTGGGCTCAACAAACGTCAAGCTGCGCAGGCGATGCGCCTGGAATTGATC  
GCAGGGATCAGCGCCATGCCGTACCCGCACCGATGTCCAGCAACGCGCTTGGCCG  
AACAGCGTTGAAAGCTTGGCAGATCGCGCTGACCGCTGCGTATAGCGCAAGGT  
TTCCCCCACCACGAATGAACACCTCAAAGGCGCGGTTCATCGTAGGCCTTGGCGA  
GAGCCCCCTGATTGAGGACATCGTTAACCGCGCCCCATGATGGATCCTTGC  
GCAGCGCCCTCAAGAACGGCACCTCCCCCTGCCACGTCTCGGAACCCAGGGAGT  
CAACGCATCGGCAAGATCGTACCCAGGAACGACTCTACTCATACTTGTCCACCTTC  
TTGCCTAGAGGAAGGCGTAGCTTAGGACAACAAAGGTAACCTGAGTCATGGGATTG  
GGACGGTGTAAAGCACCCGATCCCAGGAGTGGTAGCGCCAGGACACCACGT  
AATCTCCGTGGCGCGTGGCAAATCAGCCCTGTTGCAAGCAAGTGTCTGGCAAG  
TGCCTCGGGCTCGGCCGGTACATCGGACCGCTGTGCGCATCAAGCACTTCGAC  
GACCTGATGCATCTGCGACCGCGTCAGACCCACCGTAGGCTAGCGCCATGTGCG  
ACCGTAGTTGTGATTGACGCCAGGCAGTCAGAGAGCGCGCCACGGTAGCCAGC  
TCACGACTTGCAGTCGAGGTTGCGCTCGAAGATGTCACCGAACAGATGCGCC  
TGCAGGAACCTGGTGTGACCGCGCAAACCTCGAACACGGCCCCGCCACGGCGC  
GCCGGAGATCCCGTCTGGTGGCGGTGCCGCTGCCAGTAGCGCATGCCGGTGG  
CGACAGGTTGGCTGGCGCATTGCCCGCGCATCCTCGATGCCCGCGCTTGGCGT  
CCTCAAGCACCTCATCAACGCCCTAGCGCATTAAAGACTGCGCGGGAAACCGGCG  
TAGGCGTAGAGCTGGACCAAGGATTGCGCGCGTCGCTGACAGTCAGACCGGAGTC  
GAGTCCCGCGTTCAGCGCAGCGTCAGTCCAGGCGTGTGCCGACGGCTGCTGCTAC  
TGTGATCGCGGAAATGCCGTGCTGACGTGCGGACAGGGTGTGGATGTCGAAGCGT  
CGGTGCGCATGGAGGATGCCTCAGTCGAGAGTGTGGCGATTGCGAGCAGTGGCC  
GGCAGTGCAGTCGGCAGCATGAGCGCGGATGCGAGAACACGGCGCGACTCGC  
GAACCCAGATCGCGTACCGTGACGCCGGGGCCGACAGAGACTGCATGCGAT  
GACGAACCGATAGCGCACGTCGGCGCGCTCCATTGGTGAAGGCATCGTTGATCT  
GGTCATCGCGATCATTGCGAGTCCGGCAGGATCTGCTTGGCGCAGAAATCGA

GCATCTCCTGAGTTCGGCGATGCCGCCATGGCGAGCCGCAACGCCGGCGCGA  
CCCAGGATCAGCGGCACCGTGTCTTCATCGAGTGGACCAATCTGGCCCACCAAC  
ACCAGCGTGCATCGACATCGAGCAGCGCACGTAGGGATCGAGTGCCTGCTTGAC  
GGGCACGGTGTGATGATCAGGTCGAAGCTGGACTGCGCCTCGAGCATCGCATCGG  
GATCGGTGACAGCAGCAGCGATGGCGCAAGTGCCAGCGCATGGCTTCCTTA  
TCCGCAGAGCGACTCATGACCGTCACATCGCGCCAGACCCACCGCCAGCTTGAC  
CGCCATGTGTCCCAGTCCACCGAGGCCGATCACACCGACGCGGCTACCCGCGCAA  
CTTTCCATGTTCGCAGCGCGAATAGGTGGTGTACCCCGCACAGCAGCGCGCG  
GTGTAAGCGAGGTCGAGTCCCTCGGGCACGCGCAGCACGAACCTTCGCGCACGAC  
CAGATGCTTGGAGTAACCGCGAAGGTAAATCTACCACTGATGCCGTCCGGACTGTT  
TAGGTGCCGGTGTGCCGACGCCAGAGTTGTTCTCACCTTACAGCACTGATC  
GCAGCTCTGGCAGCTGTCGACCATGCAAGCCCCTGCAACGGCATGCCAACCTTGTG  
ACCGTGACAGCGCTGCCGACTTCGATGACCCGGCGACAATTTCATGCCCGGCA  
CATTGGATACTTGGTCCAGCCCCAGTCATTGCCGGCGGTGTGCAAATCGGAATGAC  
AGACGCCACTGTAGAGGATTCCATTGCCACGTCGTTGGGACGGAGCGCGACGC  
TCGAATAACATAGGGCGCGAGCGCGCATCGCTGGACAGGGCGGTAAACCGATGGT  
GTGCATGTGGGAACCTCGAACGAGTGTGGATGGCGACTCTGATCCGAGAA  
GAGCGGCTGAGCGAACGGAACCTGTGTGGATGTCCACTCTAGGATGCTGCCGCA  
ATCGAGTAACCGGCTCTGCCGATCGCTTATGCATCCGCTCATCAATCGTCGG  
AGCTATGGCGCTGTGCGCTCACGTCGAATCGCGACTCAGTCGGTATCGTC  
GCAGCGAACAGCTGGTGCTGACAGCTCCGGATCGGACCACCCCGCGCATC  
GTGGATCGCGTCGATCCGGCAACGACATCGCCCCGAGTTGAAATCGAAGATGG  
CGGAGTTCTGATGATCCGTTGGGATTCAACGACTTCGGATCACCGAGGTCCCGT  
GCTCCAGGTGCCACCGCAGCACGATCTGCCGGTGTCCGGCATGCTGGATCGCA  
AGCGCTACGACTGTGGATGCGTCAGGATGTTGCCGGCTTCATCTGCCGGCGCC  
GCGTATACGTTGACGCCCTCGAGCGCGACCAGGCTGGTACGATGCCGTGCTGT  
GCGTGGTAGTCACGCGAGCGCTGGCTGAAGTAGGGATGCAAGCTCGATCTGATT  
ACTGCAGGCACGATGTCGGCGTGCCTCGCAACTGTTGAGGTGCGCAGGGCTGAA  
GTTGCACACGCCGATCGCTCGCACACGCCCTCGAACACAGACGCTCGGCTGCC  
GCCAGGACGCGAGGGTGCCTCGAAATCCATTGGCACCGCCAATGCAAGCGCAGATAC  
ATGTCCAGATGGTCGAGGGCCAGCTGCGCAGGCTGACATCGAACAGCGCGCAGCGT  
CTGGTCGTAACCGTAGTCGCTGATCCACAGCTGGTGGTCACGAACAGCGCGTCGCG  
ATCGATCCGCTACGCACGATGCCCTACCGACTTCGCTGTTACCGTAGGCGGC  
AGCTGTGTCGATCCGATAGCCATTACGTAAGCGAGGTCGCTACCGGCCACCGT  
GTCGTCGGGCTGCTCTGGTAGACGCCGAGGCCAACGCCGGCAGCTGGACACCGT  
TGGTAGGGTCAAAGAGTGCAGGGTGTGGACATGGAAGATCTCCTGGGGATGGA  
ATGCGCGTATGTCCTGCTCAACGGTCGATCGCTGCTGTGAGTTGGCGGACAGTG  
GGCGCCGTCGACGTCCCCCACCCTGAGTAGTGGCTGGTTAGAGTCGGGGTA  
ATGATATCGGTGTTGCCAGATGTTGGCATACGCAAGCCGGGTATGCCGAGATT  
GCTTTTTGGGTGGTCGCTCGT

>CONTIG\_30\_length\_10682\_cov\_200.921743

CTCTGGGACTCTACGGGGCGAGGGCGTCAAGAGTCGCCAGTGCTGGTCCG  
AGACGTGTTCCAGGAGGACGGCATTCCGTGCCTCCGTATCTCAGACGAAGGCGAAC  
ACCAAAAGGTGAAGACTGAGGTGAGCCTCAGGACGGTGCCACTGCATCCTGAGCTC  
CTCAAGATGGGCTTCTGGATTGGGTCGATGGCAAGCGCATGGCAGGCCAGACGAG  
GCTATTCCGGCCCGAAGGCCACGGCAGTCATGGCAAGGCAACTGGATCACCA  
AAGCGTTAGTAGGCATCTGGCCGAGGTGGCGAAGGGCTGGAGCCTGCAAAGCGG  
GGCTTCCATTGCTCAGGAAGACGTTCATCCAGGAGCTGCAGGGTGCCTGGCGTGTG  
TCCGAGCTGCGCGCAGATTGTTGGCATGAGCTCGATGATGAGCATTCGACT  
TACAGTCGTGATTCACCCTCAGGGAAAAGCTCAATGGCCTGGGCCGACTCTCCA  
GGTCTCGACTCACTGGGAATATGTCCTCACGTCGATCAGCAGCAGGGTTCGATGTCAA  
AAGAGGGTTTTAATGCGAAAGAATAGAGCGTCTAGTCTTGAATCCGTCTTATT  
CGGAGTGATCGCATACAAGGCTTCCAGGTGGTCAAAAAACTAAAGTCGACAGGTG  
AGACGGGCCTGGATGGCGGAGTGGTGAAGCTGTTAACGCTGAAATCAAACCAGAA  
TTCCATGCAGCTGAATCTGGTGTTCGTTGAAAAAGTGCAGGGAAACGGGTTACG  
ATGTTAGTGTGCTGCCCTGGGTCGTTGTCGCATGATTGTTGGTGCCTCTACT  
TTAGCTTCCAGAACGCCGTTGAGACTCATAGACTACTCGCTACGTTTCCGAT  
ATTAGGAGGGTCTGGAGGTATTGGTATCTACTTGTGAAAGGGTGGGTTGGTT  
CCAGTGCCCAGAACATGCTAAAGTAAACTCAATCTGTTATCAGGTTCCATCCTCA  
TGCTCTCATGGGCTGGTCTTATTGTCGATGAAGGGTTTTGGTGT  
GTGGATCTTCTCGGATTGCTGGATCGCTGTGCTCTGTTGGTAATAGTCAT  
AATAAAAAAATGCCCTACGGACCAACCGTCGCTGACAGAAGGTTAGGCCAGTTGC  
ACATGCGTTAGTGTGATTAGTTGGCTTCAAGCTATGTTGCTAAGTTGA  
ACGCAGAGTGTCAAAAATTCAAAATCTCGTTCCATCGATTGGTCTAAGTTGA  
GGAGGAACGGGATGGCTGCGATGCTCATCATTACGCAAGGTGGCGCAAAGTGTAGA  
GTGAGCTCTCGCTCAACGTAAAGTCGCGTTTTCTAGCTTCATTGCTTCA  
TAATGATCTCCTAATTTCTAACTCGTTATATCACTAGGTGAGTAGGTGTCATCGT  
AGAGGCTGGAAGCTAGTCCTCGAAGTGCAAGCATTAGAAATGCCAACAGAAATGAG  
GAGGCCCTAGCTAGGAGCCTTTATTGCTGAACCGCTTATGCTCAGATCGGCT  
GCGCATAACGAACAGAAACATGGCAGCCGCTCAGGACAGCAAAGGCCCG  
AATGCGCCCATCAGAGTGGTCAAGGCTTGGCCACCGTACGCCAACAGCGAACGCC  
CTTGTCCCCTGAGGCCACACGAGCATGGCCGGTAGAGGCGCTTACCTCCG  
TGTTCTCGCCGGCCATGAGTGGCCGACAATGAACCGAACGGTCCATGAAGA  
GCAGGGCACCGAATACCAACAGAAGAACCGGCTCTGGGGGACATCAACTGCGG  
CGGGTAGGAGAAGCTTGGTCGAGAGGGAGGCCGGACTATAGGAACGAGGGCGG  
GTGCGTATGCCGGCCCAAGTTCCGGTGAAGCTGAATACGTCATCTGCATTAGG  
CGCTGAAGGTATGATCAGCGGCATGAAGCACTCTTAGCCAGTCACCATCGC  
CAAGCGCGGAAAGGACACCTCTACGAGGTCAACCGTATGGTGCACTCGTGC  
TTAACCGCGACGGACTTCTCAAATCTGGCGAATGAACCGCCAGCTGATGCTGCAC  
GTGACCTGCGAACCTCACGGTTCCGCGACAAGGGCGCTCCGGAAATGACGA

GCCTAGCCCTGCTGGCCGTTCTATTGGCCGCGGGCTGGTATTCTATCGGCAGTGGC  
GATAACACGCGATTGAAGCACTGCACCACCTGGCACCACCGCAATATTCCGGGCTG  
CTCTCTGCTCGGTCTATCTGTTGGCATCAGTCGGCTGCATGCGTGGCGATGCG  
GTATTCCATCTACAGCTTATATCTAGGCAAGCTCCAAGGGATGTTGCCCTTCAGAT  
GAGCGATAAGCAGTCGGCGAAGGGTTGACCTGCATCTGGCGATCACCCCTGGT  
GTCTACTCCTGGGCCGCTTCAATCCTGCTCAATGATCCCTGGTGCAGTCC  
GCTCGCTCGCCCAGTTGATTGCCACGCCATGGCGTATCGACGCCATTGAGAGCC  
TTGCCATCAAGTGCAGAGAGGATGGCACGTTGGTGCAGTACCTAGACAACGGC  
AAGGTTACGTTGGCTTGGATGAGTCGCCGGACCGAGAGTGGGAAAGAGTG  
GGTGGGCATGACCCCCGTCGCGTCAAGGCTACCGGGACGAAAAAGGGCAGCTGGTCT  
TGACGACCTATTACGACATCAAGCTGCCGGATGACGCGACTATTGAGATATTCCAGG  
TCATTGTCTCGATGAAGCAAATCATCTCCGCGCAGGCGTTCGATCTGGAGCTCTACA  
AACAGTTCCAGCAGCCTGAAGCTCACACTCAAACCGTGGCGAACAGGAAGGAGCTT  
ACTCCTCAGCGTTCTCCTGGCGGTGGACAATACCCGGCACGCCCTATCTGGGA  
CTGCCCATCCTCCTGCTTTTCGCCTACGTTGGATTGAAGTCCACCATCGGTGGAC  
TGAGCATGGTCATTGCCGCAGGTCTGTCCCTCCCTAGCGGCTGAAAGGCTACGACGAC  
GACAGGAGAAGCCTGGAGCGGACTCCACTCTCCTCAACAGTGTAGAAGTGCATTTC  
GTTTAGTCAGCGTAGGATCGAGCCTCGACCGTGGAAATGGCATACGAAAAACG  
AGGCTTCAGCGCCGCCAAGCGATACATCACACGATGTTATCGGCTAGCTCCGCAAG  
CCATTGAAATGAGCTGGTGAGAGGCAGTGTCCGGATCCCTCAAGATGGAGATGG  
TGTCTGTATGGTGGCTTCTCCCACTTGGAGGGTGGTGACAAGATCCCGTAGT  
AGCCCATCACTCGACTTTCGGAAGTGGCGGAACCACACGCCAGTCAGCTCCG  
GAGCTCTGATGTAGTTGTATGGCCCGGTGACCCGGCAATGCGCAGGGATAATGG  
TGGCGACCACCAAGATGATGTCACCTACATCCATGCACTGCGCAGGCGAACATCCAGTA  
GTCTCGCTGGCTCTGGTCATGTCCTGTTGCTCACATCCGTTAGATGCCAGGCGGA  
TCCCGCAAATCCAATCCTACATAACCCAGACCAAGTGACCGGGTGGTGGCGCAC  
TGCTCGTGCCTGTCCGAAGGATGCACTGCACTGCGCCAAAACGTCATACAAATCCT  
TTCAAGAGTTGGGAGGAGGGGTATCGTCAGCCTCCAAATCTTACTTAGGCTC  
CCCACTCGACGCCAGACAACCTCTGGACAGTTGGTGACCTGCCGCTCGCGGATG  
GTATTGCATGCCTGACGATGCGTATCAATCAAGGCTGGGAATCATCAGCTTGAAT  
ACAGGACCATCAGAAACATCGGCAGTCCACTCAGCACGGCGAACGGCCCCGAGAGCG  
CCCATCAGGGTCAGCAGTGTCACTGACCCACCACTGCCACCATGAGAAACCGAGTC  
CCTCGCCTGGCCTCGCGGGCTCTGCAGGGTAGAGCCGAGGCCCTCTGGCTTC  
GCGTCGGCCAAGAGCGGCCAGCGACGAACCCAAAAGGTCCCAGGAGAAGCAAC  
GCTCCCGAATACCAACAGAAGAACCGGCTGGGTATGAGCTGCGCCGGC  
GGGCACCGGCTGGTCAAGCAGAGGAGGCGCGCTCATTGGCGTAGGCCCTCCAGGT  
TCCGTCCGCTCTGGCGTAGCGCAAGTTCTGTTGACCGGCACGGGAACCTGTCGACC  
AGCGATTCCAGAACCAACCGCGACCGCGGGTGTACACCCGTATCCCTCGGTGCCTTC  
CGCTTCCACGCAGCCGAAAGCTCGAAGTTGAATGTCGGTACTGGCCGGCGCC  
GCTCTGCTGGAGCAGGGTAACCAGCGCCTGCTGGCGTGTGACGGCTTGCC

GCTGCAGGCGGTCAAGGCCAGGGCATGGTCAACGCGACCGGGCAATCCATGCGT  
TTTCATGTCGTTCTTTGCTGGGAATAGTGTGGGAAGCCGGACCAAGCCGG  
GACCTGCTACTTGTGCGGGTCCCCGTGGGCTGAACCCGGCAATCCACATCCGGCT  
GTCCTGAACGGGACCAGCAGCATCCCCGACGCGCCGGATGCAGATCTGCGGTCTGGA  
GGAACCTCGAGACCCACGCCACGCGCAGCGACACGTCCACGGCGCGTCAGCAACT  
CCTGGCCGGCTGACTTGACGACAAGGGCTGGCCGGAGGGTTGGGGCCGTGGA  
GCGCTGTGCGCCGTGTTGGGCTGCTGGAAGGCACGCGGACGCCGTTGAGGGTATC  
CCTGCCTTCCACAGAGCGGAGGTGTTGAGCTCCGCGGTCTGCCAAGTCATCGGT  
CTCCGTACGGCTGCATCGAAACAGGTGCGAACAGTCTCGCGCTCGAGGCAGTCG  
GGCTGGTCCAGATGCGCGCTTCCACCGTCCAGCAGGGCAGGGAGGGCGCCCCATTG  
GTGAAGGTCAACCGACTCGGGCCAGTCCAAGCGTCCGGCCTGGCAGCCTGGT  
GTTGTCGCCCTCGAAGAGGTTGGGAGCTTCCCGGCCATTGATAGGCATGTAGAT  
CGAGCCCGCCTCTGGCTGTCGGCCTGGTGCCGGCGTTCGGCTTGATGCCACCAC  
CTGCTTACCCGAGTCGGACAGGCTCTCCCGAGCTGGCGGAAGAAACCGGGCTTCTG  
CGCCGGTGTGTCGTGGCATGAGTGGTAGCGGGCGCCAAGCGCCAACGCTAAGA  
GCGCAGCGAACGCTCCTGTCCTGTGCTTCATACGAAAGCCCCTGTAGACCGCC  
GGCCTGGCGGCATTACGATAATCGCAGATGAGAAGCCGCTCCAAGCGGCACAC  
TGGGGAAATTCAAGCTTCGTGCAATCTCTAGATGCCAAACCCAAAACACCGGTCA  
CGGTCTATGGCACCGCTGCGCCATGCGGGATGGTCATGGGCTGGACCCAAGCC  
GAATTGGCGGAGCGCATGGGATGGTAGCTGGTCCGGAGCTACGCGCGTGAG  
CCGTTACGAGACGGGCAACATGACCCGGACCCGGAACCTCCGAGGCCTGGCAA  
AAGCGCTGGGCTGCCAGTGGCGTATTCTATGCCACGCCAGATATGCTCGCTGAAA  
TTATTCTCTGGTGTGAAAGCTCCTGCGTCCAAGCAAAAGAGTTGCTTGAGCGAC  
TGCAGGAACTAACGCCCCATAAAAGTAAGGAAAAATCGATGGGGTGCCTCCTTA  
AGAACACTCTCCGTTATTCTCGTCGCTGGAGACACCCGCATGTTGCAAATAGAT  
GCTCCCTCCTCACTCGCGCAGGCCCTTCGCATGTTCAAGAACCGATGACCAC  
CTACGGTAAAGACAGCGGCATTGCCGCCACAGTTGTGAGAGTAAGCAATTTCGTT  
ACTCGCAAACATTGAAGTCGAGCTTGAGGATCTAACAGTCCTATTGGTGCAGATAA  
TTCGGGAAAGACGAGCTTTAGACGCGATGTTGCCCGCGTCGGTGCAGGTGTA  
GACACTGAGCGCTGATGACGTGCGGCTGGAGCTACACGAAGCAGTTGCACCTAAA  
GTCGAGATGTCGTGATCGATGTTCTGCTTAGGCCTGTAGATGATAGCGGGAAAGCTAC  
TTGACCAGTATCCGGCGGGAAAGTTTGACTGCGCTATGGGCACGGCGGAATC  
GCCACCGACGCTGACTCAATGAGTTACCCCAATTGCAAGCTAAAGTGGAG  
CGACATTAGGGTGAATATGTCATGGAGCGCCATTCTCAAGGAGTGGCGCGGGC  
TTTCAGACTGGCTTATAGCAGCAGTGCACGACAGGCCTACTGCGCACAGATGG  
AACCTCTGGCCCTCACTACGTCATGCCAAGCGTGAATTAGACGAGGATCTTAGAA  
GGCAAGGTTCTTCTGGCGCGATTGACTGAAGATCTTGGTCTGAGCGCAGCTGATA  
TAGCGCGGATGGAGATGACTCTTCTGGGATCAATCAGGAGATTGTCATAAAAAGC  
GAGATTCTGAAGCACCTCAAAGAGAACCTCTGGTCTACAGAGTGTGTCGCG  
GATAGCGCGGAGTTGAGATTTCGCCTGCGCGAAAGCTCGCAGTCATCGAAG

GGCGTGGATGTCTCATTGGCACGAGTGGTGCAGTCAGTCATTCCCTTGTACGCCATG  
GCATGGGAACCGAAGTCTTGCCTCTGCTCTGCTTCCGAGCGTATGCTTCTTGGC  
GCCACAAGAAGGCTGTGAGCGCGGAGATCGCATCCACTCGATCTGGGCTTAGAG  
GAGCCAGAGTCGCACCTCCATCCTCAGGCACACGGTCTCTTTGGTCACATAAAG  
CAGATCGGGACAAAGGATTGTAAGCACGCACCTCCATCTTGAGGTAGGCT  
CGGCTCGAGGAACCTCGCTTTCATTAAAAAGAGTGGGAAACCGTCGTACCAA  
GATCGATGTTGCTCTGAAGGATGCGAACATGACGTCCGAAAGCTGCAGGAAACCG  
TGATCGATACGCCGGCGATATTCTTCTCGGGCGGTGTTGTTGAAGGGCA  
AACCGAAGAGCAGGCCTACCCATTGGCGCAAGAATATTGGGAACTTCATCC  
ATGAGCTGGGTTCTGTTGTCGCACCAATGGCACTGACTATTCCCATTCTG  
GCTTGCTAAGGCCTGGCATCCCCCTGGTATGTATTGCTGACGGGAGTCAGCC  
AGTCAAGGAATTGGATTCTGCTCTGAAGAAGGCTGGGAGGTTGAATCCTCTAAAC  
ATCCCAGCGTTGAGTCAGTCAGGAAAGAACTTGAGTCCCAGTTAGTAGCAG  
AGGGCTACCTCAGTGAGATTGAGCTGGCACTTGATGCTATGAGTGGAGTCAGG  
TATCTGGATGAATACATCAAAGATAAGCATGGACAAAAGCAAAAGGTGGAGTGCT  
TCGCGATTATGTGTCGCCAGGTGCGCGAGCGCGCCGTTGATGCCCTGTCCGG  
CGCCAAGACCAGTGTCTCAAAGCATTAGGGCACGTCAATTACCGCTACAAGAATCC  
TGATCGCTGTTCCCTCATCACGAAGATCTTGAGTTGAGTGCACAT  
GAGCTGAAGAAGGCGGAGCCATCATTATGAATAACAGTAGCCATTCAAAGCCAGG  
CTCTCATCCGAGCAGCTCGAAATCGTTGAGCATGTGGATGGTCCGTTCTAGTGGT  
GCTGGACCCGGTCGGCAAGACCAGGGTTCTAACAGAGCGAACAGAAATCTGCT  
GACTAATGTTGATGGGCACTCCGGATTCTGGCACTTACCTCACTAACAAAGCTGC  
TGACGAGATGAAGGAGCGTTGCAGGATCTCGGATCTGAACGAGACCGCGCTTCA  
TTGGCACTCTCACGGATTCTGTTGGAGGTTCTCACCGAGCGCGGAAGCTCGTTG  
GTGTTGATGATCCCCCAATATCTTGAGCAAACAAAAGACAGAACAGGGATGTTCTGC  
TTCGCGCTATTGATGAGGATCCTGTTCTCAAGCGGCTATCCAGGACCTGCTGAAT  
CCAAGGAAAGGGCAAGAACAGGTTGATCAGTGGTGGAGCTGGATTCTATGTGAAG  
TCCCATCCAATTACCTGCGCAGTGATTGATGAGTTGCAAAGAGGGTTTGAC  
GCCTACGAAGCTGGCATGCGAGCCAGTAATGCATATGACTTGAACGATCTACTTTG  
CTGGTTACAGGCTGATGGTAGAAAACATAAACAGCTGGCGGAGATTATAGGAAGCT  
TTATAGATTGTCATCGACGAGGCTCAAGACATGAACGAGGCGCAGTATGCCG  
TAATCTGTGCTTGTGTTGGACGGTTTCGAAGCTTGATGATGGTGGGACCCCTCG  
TCAGTCATTGATTCAATACTTCTGGCCCTGAATACATGGAGCGTTGGCG  
CGATTCAAAGCGAAAAGAGTCACCTGACAGCTAACATCGCTTCCAGAGCTGT  
GGTCCGGCTGCGAACAGCTGATCCAATTATGGTTGCCATGCAGCTCCCAT  
AGAGGGAAAGGCCACCGTCTCGTTGGAGACGACGAGCAGGATGAGGCGCGCTGA  
TTGCTAATGAGCTGAAAGGTTTCAGCAAGGCGATCGCAGTGTGAAGGTGGT  
TCGATCCATCTAAATGCGCAGTCTGGGCGAACCAAGGTTGCTCTTGGCGATTG  
AGGCTGAGCTCAAGGGCCGAGGAATAGCTCACTACAAGCGCCTGTCCGCCAAC  
GAGAATGAATCAGAGTTGGTCGAGGATTTCAACTGGGTTACGTTGTGGCCAAC

CCAAAGGATCGATTGCATGCATCGGCTTGCACAAACGATGGGTTGGCGACTGCT  
CCATCGCGGAGGGAGGCCATCGAGGCTGTTAAGTTAATGCCAATGCTTCATCT  
AAGCCGATCTCGCATGCTGTTGAATCACTTCCCTGATCACGGCGAACCTGGCG  
CGCTTGGATCTTATGCCCGATTGAAACGGCTTGAGCAGCATCGGATGGCTTGAT  
GAGGGCGGAAGACAGGCAGTTACGAAGATGTCGCCGCTTAGGCAGGAGTGGGA  
TCAATATCTCGGACGAGTAGCGGGCCAATGTTCTGAGTAGTTCTCAGCAGCAA  
GGCGCTTGGCGTTACGCAGAAGTCAGTGAGAGAAGGCGTCGACTGCTGACTGTGC  
ATTCGGCAAAGGGATTGGAGTTCGATGTCGTATTCTAGCGGAATGGCGGAGGGA  
ATGTTCCCTGACTGGCGGCCATCGCAGCTCAAAGAACGCGGCTGAAGAACGTTGAAA  
TGCCTTGGCGTTACTCGTTAAGCGAGTTGTATTGAGCTATCCGGCGACA  
AGAATGATGCCATGGGAGACAAAAAGCGGCAGACACGTTCCAGGTTCTGGCTAG  
CCTTCAATGAGTAGAGTGCTGCGCAGGGAGTCGGGCGAGGGGGCGTCCGGAA  
TTCGGCAAACACTCAGGGCCTCATTGCGAGTGGCGCATGCCAACCAATGACCTGCC  
TAGGAGAGGTTGCTGACTGGCGTAGAAGGAAAGTGATAGTGGGCACGCTGATGAT  
GCTCATGGTGGAACTCTAAAATGGGAAGGCAGAATTGGGAGAACGAGAGGGACACG  
GGTGCAGCTGGACGAGTGGTCGCTCACCCGTCGGATCACGGTAGAAC  
TTGCTCGGATCAGCCAAGCATTGCGACTGCCCGCTGGTAGCGCGCAGCTCC  
ACGTTGGGCTGATACAGCTCCAGTGCCTGATTGCTTGCCTCGCTCACCTGCGGTT  
TCTTGTGCAGGTAGTGCTGGCGAAGACCTGGACCCGGTCGCGGGATCGGTGCTGT  
GGCCCGTGACCAGGGCAATCTCCTCTCCGAACGTCGTTGACGTCAAGCTCGGTGG  
CCAGCGTATGGCGGAAGGCATGGAACCCGACACCCCTGGGAAGCCGAGGCTTTC  
AGGTAGCGGCCGAAATCGACCACAAACTGCTGGCTGTAACGTGCGTTGGTTCCCCG  
GTGGTGCCTGACCGCCGAAAGTCCCTGGTCCACGGTCAACGTTGCTGACCGCTCC  
CTTCATGTCTTCCACGAACCTCGAGGAAGCCCTGCTCCAATAACGGCTTGGCAATGGG  
GATGATGCGCATGCAACCCCGCGCTTCACTGCTTGCCTGCGCCGCCGTCGCTT  
CGGGTCCCGGCCAAGTCCCTGGTCCACGGTCAACGTTCTGGAAAGCGATGCAACACCC  
GCGTTCCCGATGATGTCGGTCAGCTCAGCTGGCAGACTCGTTGACCCCTGGCTCC  
GGTAGAGGCCGATCATCGGTGCCACCAATAACTGCGGTTCTGGCCAAGGAAT  
GAATGTGCGGGGTCAAAATGGCTTGCAGGTCTGCGTCCCTCGAACAGGCCGATCG  
CCTTGTGGGATCGATGGTGTTCCTTCTTG

>CONTIG\_31\_length\_10047\_cov\_12.883468

TTCCGCCACACACTGGCCACCGAGCTTACCCACAAGAACGTTCCGACCAGGACATC  
GCCCTCATCACCGGCCACTCGCTGCGGAAGAACGTCCTGGCTTGCACGACCGTAT  
TTCCACAAAAAGCCCAAGCTCGCTAGGCCACCGAGATCAGGATCCTGGCGAAATA  
CAAGCCGCCGGTCGAGTTGCCAAGTATGAGCGTGGCAGTTGAGGAGAGCTGG  
CAGACCCGAGTAAGTTCTATCCATAACACCAAACAGCAGCGGCCAGTCGCCCCAA  
CCTCAGTGCAGTAGGGCGGCAGCGAAAAACGACGGAAGCTGCTACTGAAC  
GGTCTCGCCCCAATAACCAGCCGACGAACGTCATCCTCGCTGTCATACCAAGTCGAT  
CGACAACCTGATCGAATACCTTCAACACCTCGGCATATTCTAGCAGACCAT

CGAATGTGCAGGCATCCCTGGGCTCGATCTCCCTTGAGGCAGGCAAAGGATGATG  
GGAACCTCGACTTCACGCATTGATGTCGGAAGTCACCGCAACTCCTCTGCAGAC  
TTGCAAAAAATCGCATCTCATCGTAATCCCAGTAGAACGCCCTGCGGATCGCGAGGG  
GAAGGATGAGTCTGAAAATGCCTGTGAAGGCCACTGAGATCAGGAAGGCTTGCG  
CATATACCATTGCTTCCGAGTAACGCTCCAGCTTGGCGGAGCTGGTGAATGAA  
CCGAACATCAGAAGGATACCATTCTCCTCACATTATGATTGACCAGCATCATCGT  
CCCTCCACACGGACCTCCAAAGTCAGCCATCGCAGGAGCCCCGCTGTGCT  
CACAGCAAGCTCAACTCAAACAATCCTGATCAAGATTAAGTCCGGCGGGCAGCC  
TTCAATCCTGTCGGAATATTCGCGCCACTCCCCTGGCTGCTGATACGCCAA  
CTGACCCCTCTGCCGCGTTATGGTGAACGGCCCCGACTTGCCTGTCATTCTTCAGG  
AAATCGGTTCTCGATGGTATCGGTGGCGTCATCCAGGAACCTTCAGATAAAAGCACG  
GTATGGCAGAACAAATCCTCGATGCAGTCGATTGCCTGTCATCTGAAGAAGTTG  
GACCTCCACTTGAGGGAAGCGGTTGTTCAACGCTTTAGATCATCCTCAGCCTCGC  
GATTCCTTATCTCGCTCATCCTCTCAGGTTCAAGAACGCAAGACTCAGGAATT  
TCGCAGGGCAGTTCAACGGATTGGCGATCCTCTTGCAACCAGTCATGAGTCAGG  
AACACCACATCCCCAAGAGCCTGTTGAGAGCAAAGGATTGCTCCACGATCCTCCA  
TCTGCCGTTGATAGGTCCAAGCCGCTGGCTGACACGATTGGAATCGAAGAAAGG  
AGCAAGCAGCCACACGACCTGCGGACCACCTCTTGAATACCGATTGATCGATATT  
GCCATCAATGAGCAGATCAAGCTTCCGAAGATAACCGCAGCCGCTGGCTGCC  
GAATGTTCCATTGGACTTGTGGCGATCTAGCTCGCCATTACTCGTCCAATAAGTA  
GAGCTCGACTCTAGTAGCCTTGGTAGCTCTCCCCAAGGCAACGTTCTGCCGCC  
CACTTGGAGGAAGAAGTTGGTATCCAATGCATATCGCTGAATTGAGGCCATGGCA  
ATTCTGCCCTTAACCAGCCACGCTTCCAGCTAATGCTCGGCCTACCTAGGCACC  
CAACCTGGAGTCGCATCCCACGCGCACGGAACCGCAGAGCGATCCCATGCC  
CCGCGCCAGCCAACGATGAGTGTGGCATACGATGACAGGTAGTCCCCACAGAA  
ACGCATGTAGAAGGCAGCGGTAGCGAATTACCGTAGACCCGATGTTCCCGAAC  
TTCCAGCCAAGCACCGCGAACCGAAGACCGCTGCAAGCCCCAACCGCCGCC  
GAGCGCCCTTCAGGAACCCGCCCTTGCAGAACGTTAGGAAATGCGGCCGGTCTGA  
CATGCCAAGCCCAGACCTGCTGGCGCGATGTGCAGCATCAGGCAGAACACCAGG  
AAGCCGACGATCAGCAGCCGCCTGCGCAGTAGACCAAGCCATCAGCTGTTGG  
CTTGAAGACAGCGTCGAGGCCTGCTCCAAACAAACAGCATGCCAACGGCCGAGGA  
TGACGCAGGGCAGGATCATGGCAGCAGGCCGGTCGGCGCATAAACGGCTGGTAG  
TTCGCTTGGTGGTCATTCTTTCTGTTAGGAGCAAACAAACGGCGTCACGGC  
AACCGCATGGAACACTGGTAGTCGAGGGCAGCCGCTGACGTTCCGTATCGGTC  
CGTCGACCAGCTCCATCCTCGCCGCCGGAACTTCATCGTCATCTTAGGC  
GCATTTCTGGCCTCGCGCTGGCTGCCGCCAATGAAGCCCAGTCCATCGA  
CGTCCCCGGAGACCCGGCAGTCCTGATCACCGTTGGCAGTTGTGCAGGCGATCT  
CCAGCCCGCTCGCTCCTGACTTCGAACCGCCAAGTCCGCTGAAGCGTTGCC  
TCCCTGCTCAGTAAAGAACGCTACTGCTTGCCTCCTGTTGGCG  
ATGCTCTGCACCACAGGCCAACGCCAACGCAAGAACGACGCTGAAATCCAAA

CACGTTGAATGGTCCGCATCACGACTCTCCCTTCTGTTGGTCAGGTCCACGCCG  
ATGACCTCGTTCGTAACCCACCTGGACCGTCTACGTCCACCTCGGCCGCCGG  
CCTCCGTTCTCCAACCAGACCCGCTGACGGTAAGAACCCAGATCGTCCCTGGCG  
TCCCTGCCCTGCTGAACAATCCGGTGCCTCGGTTGCTCATGCGGATTGGAAGA  
TGGAAGTGCCCGCATGCTGGGTGTCACAGACGATCGCTACTGCGAGCACTGGT  
CGGGACAAACCCCTGCCGTGATGCCCTCACCTGAAATCCGGTACCCACGGAA  
TCGGCACGTAGATATCAAAGATGCCGCCTGCCGTATAAGACGGCTGATCCACA  
ATGTTGGGGCGAACAGCAAAACGCTGGATGCCCGGAAGCGTTGGCTCGCGCATC  
GAAAGCAGCGCCATACTGCGCTCAATAGCTTCCGGCTCTGAGGGTGATGCCATT  
CGGGCCGTTCCGCTTCGATCGATCAGCCACTGCCATACAAACACCTCTCGCGCTC  
GGTCTGCTCAACCGTAGCTGGACCGCGTCAGCAGCAATCAGCCTCGCATCACAGGT  
GTGGTAGCCCGCCGAGGCCGTGGACGCCAACCCAGCGCGGATGTGTTGCCGCCGG  
CCAGTTCGTCCTGGTCGAGGTCCCAGTAGGTCCCTGCCGATCGAGATAACGGCTCT  
TGCCTCTGTCCGTCGATGCCCTGGAGCCCCGGTATGGCCCGCCAAATCTGCTGAA  
GAAGATTCCCCCTGCGCTTGACCCGATGCTGCTGCCAGGACGCACGCG  
CCGTGACTGCAGCCCAGTGCCTCTCATGCCCTGCTCCTGCCGTTGCGACGA  
ACTTACGTGTCACGTAGAGTCTACCGTGGCGTAAGGCTCCGTATGCTCTTCAT  
GCCTGCACTGCATCGATTGAGCCTGTGAAGGCCACTCCGCCCTGGGAGATC  
GTGGCCGCGCGCCTGCCAAGGCCGCAACGACGGGCTGAGTCAGCGCGAGGT  
AGGGATGCGAATGGGCCTGGACAAAGACACAGCGTCAGCGCGGATATCCAGATATG  
AATCCGGAGCCATGTCTATCAGCCTCGAGGCTTGTGAGATGGCAAAAGCGCTGG  
AAGTGCCACCTGCTTCTGCTGGCTAGCACCCCTGGCATGGCCGACGCGATCTGG  
CGTTGGGAGAGCAAAGCGATCGACAGCAGGACCAACTGGCGAAGGTCTAGCGAC  
ACTGACGAATCTCAACCCAAGGTTGAGATCAGCTAATCGCAGAGTTGTTGGATAG  
GAGGTAGGCGGTCAACCCCTGACTTGAACGACCTTGCTGCAACCGAAGATGCCG  
CCCTTACACATCAGCAGCAGGTGCCACGTGGCCTCAGGGTCGCCTGGCAAGGTGG  
AGTAAGGAGCCGCCGCACCTTGAAATACCTCAGCGGTAGAGCGAAAATGGGGACA  
CTTCGAACGGACGCAAACCGATGAATCCTGCCACCCATCGTTGGCCAAATCCATT  
GCCCTGACCATAGTGTGCGCTGTCTACGCAGGCTGGATCTCACGCCCTGCCATGTT  
TCGGGACGAGGTGGTGGTCTTCACTCAATACCTAGAGAGACGGATCGAGCAGA  
TGGAGGAAAGCGGCGACATTGGGAAAGCACATTGGAGCGGATGTCTACGCAGAT  
CTACTTCACAACACGGTAGAGGGTTCTGCTTACTACGCAGTCCATGCATGAGCGA  
AGCCTCGCGGCCCTATGATCGCTATGGCAAGACGCAAGAAGTGGACTGCTGATGA  
CCAGAACAAAATCAAAGTAGCCGACTGGCTAAGGGCAGCAGGGAGTGCCCGCGT  
TGTTCAAGGCCTGTTGACACCCAATTCAATCGTTCGGCGATCAAACGGATCTGC  
GTGTGCTCGGCTGTTGGCAACATCTTGAGACATGGGACGCCCATCGGCCGAG  
GAGCTTACGAGCTATGCCCTCGCTCTGGTCTACTGGCTGCCAGGAACGTGTC  
TTGAAAGTCGCTGGAGGTCAACTTGCCTCGCAAAGACGCCCTGCCAACCTCTG  
TTCGAGAACATCACGCTGCCAAGAACGCTCTAGACCAAATGATTGCGCAGTAGTA  
GGCTTTGGGAAGACATAGAGTCGTCGGTGCAACTTTCACGAACACGAATAGT

CGGATTCAAGCGCACCTGCCGAGCTGACTCGGAAGCATGAAAGCCGGTCCCGCAA  
TCGCGCTTGGAACCCAGGATGAGGCCATGCCACGTCAAGGTTAGCCTTTCAATTGC  
CTCCCCAGCCGGCTGAGTAGATGAAGCTTAAACAATGCCACGGAGCTATCGCTGA  
CAGCCATCAATCTCACTCTTCAAGCACTTTAGCTCATAGCTATTCTGAGCGGC  
AACATAAAGTGCCCACGACCTCGAAACGGTCTTCTTGCCTCGCTGAGCAT  
CTCTCTGGGGTCTTATGGCTTCATCGTCGGGCCGCTGATGGCTAGATGGGTCTT  
CGCAAAGCCGAGCGGCTCCACCCGAGGAGGCCTATGCCGCGACCACGGGTTA  
CCGCTGCCAGTGGTGGGTATGACGCCGCTGACAGTGTAGGGAGCTTTGGTCA  
CCTCGGTGCTCAGCGGACTCCCCATGGTGTGCTGGTGTGGTCAACTGACAA  
ACTGATTACGTAGGGCCTCTCGCAACGTGCACGGAGTCCTGTCTATCCATCTACG  
TTTATTACTCAAGACCAAGGTGCCCGCCGCTGCATCAAGTCTCCTCGAAAAAATA  
ATGCGCCCGTCCGGAGGGATACTTAAATCTAGGCCCTGTCTAAATCTTACTAGC  
CAACTTGAAAGCCTTTCGCAAACACGCCGATAGCAACGTAAAAAGCGGCGAAG  
AAACCATCGATGGAAGGATAGTTGACCCGTGCTACGGATCACGACCTTATGTTCCA  
TCGAGCTGTCATAAGGGTTATAGAGACTATATTCTTGTGAAGTATACTGGAA  
TTGAAGTCAACTTATCAAAAACCGATAAACATTGAAATTACTGACAAGTCAT  
CTTATCTCTATACCGCTCATGAGGGGCCAGATAGCGACATCCTCTTCCACACCTG  
AGGCCTCTGTTGGGATCCAATTGAGGAGACCACCCAACGTAGACCTGCGGTCA  
GCCATTGTCAGCATTACAGGCTCAAGCTTAAGCTGTGGCAATGAGCTTATCCATG  
AGTAAGCGCAAAATCGGCAAATGGCTCACTGAACACTTGAACAGAAACCTGTCGAC  
AATTCTGAATCGACCGATTCTCCAGTCTTTCCAATTATTATAGATCTTAT  
ACTGTATCCACGCCAATGGATATGGCACAATCAAGGTCCCTAAACCAACCAAAACC  
ATGAAAGTATAAAATTGACTTTCTCAACTGCCATCAGGCCAAAGACGCCAAAGC  
TTTGCACCTAAAGCCAATAGTCTGTTGAGAATTCAAGGTTACAAATAGATTATA  
AAAAACAAGGCAACGCGTGGCCAATCGTGGAAATCAATAAACTTAGAGTGGCCA  
CTACCAACAATGCACTGAGCAAACATATCAAACCGTTATAGGCAACCAGCAGATAA  
AGAAGCTGCCCTCATATCTATGCAGCCTAACCTGACAAGAGGATTAAAGCAA  
AATACGTAACCAACTAACAGCAGAGGCAGGATTAGAAGCAATCCCACCTCGACTTA  
CTTCTCATGTTCTTAAACATTCTCACGAAGCTACGCATCTGCCCTCAACCCCT  
TCTGCCTCCAGATACATCATAACCGCCAGAGAGACGCAATGCTTATTGGCTTAAAGA  
GCAAGAATGGCTTCTTATCTCAGCATCCTGCCGCTATTGCTACGTTAGAGATGG  
AAGGCATAAAAACATACTGAAGTCCACGACATCAAGATGTGGCTGGATGTAGAAGTCAT  
TCCATCCACTGACAAGTCCCACGACATCAAGATGTGGCTGGATGTAGAAGTCAT  
TGCGAAGGCAGCTATCGTCAAGGTCGGCTCGCTGCCAGCGTCCCTGCGC  
CAAGTGTGCGTCAGCTCCCCAGTGCCTATCCATAGCCTGCCAGGGTGGCGTCCACAA  
CTCGCCAACCTCTGAGCCAACCCGGTATGAGCAACATTGCTTCGCTGTGCCGTT  
CGCTCGCTGTGCCGTTGCTTCGTTGCTCCATCCGCAAGCAGTCGAGCGTCCAGC  
ACATCGCCTGGCACGGTCAATACATGACCAACCAGGCAGCACCGACCAATACCCA  
GTCGTGCTGAACGGTCAAACAGTCTTCACCGTGGTGAAGGGCGAGCACCCCTGCCGC

CTTCCTCGTCATCGGGCGACTTGGCCTGACCGCCTGTAACCGAGTTGAAGCTC  
CAACTCCGAGCCTGCTGCCTCAGCCGTCTAACCTCGTCTACAAGGCGTCGCTCTT  
GGCGTCTGCCGGCCCTGGCTTCTGCCACTCCACTAAGTCTCATAGAGGTAGCG  
CACGTGCTGATTGGCCCCGCCACCTGTGAGTCCTGCGCCTTCTGGAAGGGTGGCCC  
CAACGGTGGGGAGCGGGCGGCCACTCCCCCAGCGTGTCCAAGTGGACTCCAAAGA  
ACCGTGCCGCAGCTTGCTGGTACGGTTGCGTCAACCCAGCTTGCACGCTCCA  
GTTCTGGTCCAGCGCGCCTCCAACAGCGCGGGTAGTCCTCTTCACTGCGAACAA  
CCTCAATCATCCAGTGCAGTCCGGCTGGTTCCGGTGTGAGCAAAGATAAGTAACCAGGAGGG  
TCATTGGCCTCGTCCAGCCTCGGCTGTCCGTCCTCAGTCGGTCCACACCCCGCG  
GAECTTGGCGACCACATGCCCTCTCAACTCGCCCCATCGCTCTCGCAACTTGGACC  
ACTCCTGCTCGGTAGCGCTCCGACACCGCGGCCATCCTGTCTGGCCCTGCCCGC  
GGGTGTGATGATGCAAGAGCTGCGAGACAATTGGCTTCTCCGAACAAATGCGCC  
GCGTAGCGCCCCATGGTCCGACGGAGGTCGTGCGGGTAGTCCGATGTCGATGTC  
CTCGCTGAGGTTCAACAAACCTGCATCGCGCCGGACATTGGCCATGATGCTCTGCT  
GTCTGAGTAGTGCCCGATCGACTGCGGCTGGAACGTGCAGGGAAAGACGTAGCGGG  
TTCGGTCAAGGGCATGGCGGGCTTTCCAATTCCACCTCCAATCCCTGATCAGCT  
CCCGTCTGGCTCCTTGGCTAGCGGCTCGAAGCAAGCCTCCATGGTGCACCT  
CCTTCTCGCCTCGGTATCGCCAAGCGCTCCTCAGACGCCGCTGAAGCACCTGCT  
CGCGAAATACGTACCGGAAATAGCGCTCATCTCGTTCTGGTGTGAAACAGGT  
AGACCTGCGAGCCCTCGCGCGTAAAAGGATTGACCTGTCGGTGGCGTCAAC  
GACACCCACGACACCTCACGCTGAGTCAGCTGCCCGGGTGCAGCGTCGAACCA  
CCGCAACCGCGCTGCCTCGCTCGCCGGGTGCCCTAACAGAGTCAGCAGCAGGT  
AATCGGCACCGGGCGGCGTTCAAACCGCCCTGCTCATCCGGCGAGCCAGGATGACC  
TTCAACACCTCGCAACGTGTCATCCCCAATGGATTGCGCACCTCAGCCGGCTG  
TAGTGGTTGCGCAGGTCTGAGCCCCCGGAAGCAAATCCTGCTGTAGATAGCCTGA  
AATGGGTTGAGATTATCTGGCTCCCGCCGAGCCTCATGCGCCTGTTCTGTTCCA  
CTTCGTTGAACAGGTCTACAGAGCGCTTGGCATCGGTGAAGGTGTGCTGGCAGCGG  
CAAGTCCCGGGCCCTTACCGTTGAATGTATTTCCAGCGATGCCAGTTCTCAA  
GCTGAGCTGTGAAAGCTGGGCCAGTCGTCGTGGATGCCAAGGCCTGACGCATG  
GCGGTCGGATACTGGAGCGAAGCATGGCGCTCTGCGCAACCGTCGTATCC  
CCGCACCACGTCCTGGGTCGCGTCCCAGTCGCAATCTCAAATCAGCCAGGCCACCTC  
GGTCGCTCCAGACGGCCAAGCTGCTCGGGACCGCCTCGACACTGACCTGTTCAC  
CTTCTCTTTGGCCGCTCTCCATGCGCTCGATGTAGAGCTCATGCACTGCCGA  
AGCGTATGTCTTGAGCGTTGTCGGACGCTGGCGGGAGTTCTGCGCGCTCC  
TGGTGCACCGATTAGTGCCTGCGGCTGCCGGAGCACCGACAGGTGACCCCTTGTACT  
TCGTAGGCTCGTCCAGCCCCATGTCGGTACGTTGCCAGGGAAAAACGGCGAAT  
GCCCGTTGGACCTCGTTGACCACCTCGTATGTGGTCTGGTGTCCCTACCCGAAAA  
CTAAATCCGGAGGGAGCCTGTCGCTCCGTCTACCAAGCGTAGGGTTCGCCAGCC  
TCCTCAGGAGACCTCTCCACCAACTGACCTTGCCTCGGTGTCATCACGGGGATC  
CGATCCACCGACAGGCTCAGGACTTGGCGTAGGTAGCTAAACTGAGCGACCC

ACGCCTTTGGCAGGTCTGGCAGCTCCGACGTATTGCTCATGCATCCTCCATTGCTG  
TCGTGTAGGTGCCGTGGCTGCAACCAAAGTCGAACATCAACGCACGCTTTCTTA  
CCATGCGAACTCGTCGCAACATGCCAAGTGGGTCTCGCTTGAATCGTCGCAACAC  
GGTCGCAACAAAAAAGACCGTTACTCCCCGCCACACCCCTTTGACCGTCAGTTC  
CGTTACAGAGCAAATTATAAGTACTGTTCTCAGATATTCCAAGCCTGGCAAG  
GCCCTCAAGAACACACGCCTGCCATGAAGCAATTCTCGCCGCCAGTCGGACTAC  
CCCGACCTGCTGTTCTTCGTATGGCGATTCTACGAGCTGTTCTACGACGATG  
CGCGCAAGGCCGCCGGCTGCTGATATCACGCTGACCCAGCGCCAGTTCCGGT  
GGTGCGCCGATTCCGATGGCCGGTGCCTACGAAGGCTATCTGG

>CONTIG\_32\_length\_10029\_cov\_24.175621

TTGATCACGGGAACCTGCCAGGGCAGGTACACCACATCGATGTCGACGGAAAGGC  
GCGGCATATCCTGTACAAACAGGTTATGGCGGTGCCGCCCTCATGGCGAAGATGT  
CATTGGCGAATACATCAGGAGCAATGTCCAACAGAACAGCCGAACAGTGTCA  
TGCTTATCCATGGGGCTTAGGCTCAGCAAGGTGCCATCGTCCAGCCGGCTCATCCA  
GCGCCTGCTACTCCGGTCTGACCTGGTTGTGCTCAAGCAATAGGTGACGTCGAC  
GACACCTGACTCTCGTGCCTGAGCAAGCAGATCCTACCCGGTATCGAACGGCCAT  
GCAGGACAGCAGCTGTCCAAGCAGACACCTGCAGGCCCTGGGCTGTCCCTGGGGAGTATGC  
TATTGCGGCACCTCAAGGCTTGCGCTCGTGCAGGGCTCATAGAGCAGCTCCAGAA  
CGGCTCGTCTGGCACAGACACCTGCAGGCCCTGGGCTGTCCCTGGGGAGTATGC  
AGGGTCTTCCGGCAGAGATCGTCTGCCAGTCGAAGAGCTGGCACCGACATA  
ACGCGCCGGAAAACGCTCGGTGAACCAGGTAGGTATGACGAAACGGGATCCCCC  
AAAGAACGAGGATGTCCCACGACGCCAGGTTGTGGCGAACCCCTGAAGCGCCAAC  
GCGCTTCCCGACGTGCAGGCCAGCCACTGGCCTGAAGGAAGCGCAGCGCG  
CCATTGACATCAAAGTCGTCGTTGGGAATGCGTAGACGCCATGGCGAGGCGTAC  
GAGCCAGCCTCCCTCCACATAGCGGGCAGCCAGCTGTGGTACACGCCAAACAATT  
CGAGCGTAGCTAGACCGAACGGCGACCACGTGGAGGCTCAGCCTGAAGGCCTTG  
ATTAGCTGATGTCGTATAGTTCTACTCATATGTTAAATGTAACACAAATCTAATCA  
CCTGTCATCCCAATGCACACTATCGGCTGGTATGCATTGCCAACAGCTGAATCATGTGTC  
TACAGATCTAATCATACTCGGCTGGTATGCATTGCCAACAGCTGAATCATGTGTC  
GGCGAACGCTATTGTTGGCACCCATGCCGGGAAAAAGGCAAACGGTACGGACCGTAC  
ACATATGCCCAAGATAGGTGACAGCCATGAAGACGAACCCCTAACGCAGCAAC  
CGGAGAAACTAGGTCGCTGGCTGGCAACGCCCTGGCGCTCATGTGTCAGGTCAG  
CGGAGACTCACGATATTGCTCTCATCAAAGGGTGTCCAGTCGGAGCAGCGGTAGCC  
TTGTTTGGTTGTGAAGGCCGAGCAGTCGCTGTACTGCTTACACCGCATTCTGGC  
TCACCCCTGTTGTTAGTGTGCGGTGCTACTGCTCGCGACTTGCAGGACGAGCCT  
ACGGTGCCGATGACTCGTTAGAGCCGCGAGGAAATGCGGTACGGAGAGGGAGGA  
TTCGGACTCTATTCCCGACGGTCATCGGCTTGACCCCTCATGACCCCTAACAGTCCCC  
ACGATAACTAGCTGCTGACCGCGTAAGGGATCAGCGGATCAGTTGTTGGCGCCCG  
ATGTTGCCGCTCCCTGCATCCTGCTACCTGCCGAAGGTTTGAGCTATCACTCC

TGCTCGTACTCCGACCAACCCAGTCAGCAACCCAAAATGTTGGCAGGACCAGAA  
ACATCGTCCCCATCACGAACATCAGCAGCAGGTGCGCAAACGCGTTTAAGCCTG  
CAAGCGGGTCGAAGTTGCATGCGGACGGTTGAGCCAAAGCCCCACCGTAAAGC  
GCGTCCAGAATAGTGCTGCGATCCAACGGCGAGCTGGAACCAGAAATCTACAAA  
GAACAATGCGAAGTCGACGATGCTGACAGTCACCAACGCTTCAGGTCGTAAGTCC  
CCACCACCAAGACCAGCGGTATGCAGATCACCAAGGCCATCTAACAGCGAAAGC  
ACCATCGGCAAAGCCTGGCGCACCACATCCATTGCCGGAAAGCTGCAAGCGAAC  
GACTGCAAGACCGACATCGCTGGCTGCACGGTTGACGACGTTGGCAAAGTCTGTC  
AATCTGACCGCCATAGTCGGTAGACAGAGCCTGATTAAGCTTCTGCTGCCGCG  
TGAAGCGATGGCTCGAATCACCGAGTCATCGACCTCCTGGCGACTCAAGAAACCAG  
CCCATCCAGCGACTCGGTTGAGCAGGCTTGGGTCGACTTGAGACAGCAGCCGGCA  
CGCAATCCGTTACTGCCATCGCTCCACCCTGGCGACATGTTGGGTAACCCGCACCG  
CTAGGCACCCCGCAAGCCCCGCATCCCGTTGCTCTCGTAAGCCCAGCCGTCTCGC  
GGCGTCTGGCGTAGAGGTGTCGTAGAACAGCCGCTGGTATCAACGAAATAAGACGA  
GCCGATCCAGGACACATCATGCATTGCGTGTATCGAGCTGCGGGCGTTATGAA  
CAACTTGGCACCGCCGGCCGTAACAGTCGCGTGAAGTCAGCAACTCCTGAG  
CAAGGACCGGATCGTCAATGCGCGTGGCGTTGATATCCATCCGAATCTGGCGCACGT  
CGGTTCCGCATGGAATTGCGACTGAGGCACCAGTGATTGCGCGGATACTGCTT  
GTACGAAAGCCCACCAAGACCGGAACTTGGCACTCTGATTGTTGAGCGTGCTGAAA  
GACTGCGACCAACCGGTAGCTGCGGGTCGGCATGTTGACCTGACACTGCGTCGA  
ACGTGTTGGTCATACTGATGGTGTGAGGTCGACGTCGATAAAATGGAATGCCGGC  
GAACATCACCACCGACGATTGCAACCCATACCCGGTTTCGATTGCAACGAAGACA  
GGACGCCCTTATTGCCTTCATCAGCCCCTCGGCCCTCGCCCTCAGCCATTCTGGAC  
AATGATGGTCAAGAAAGGAATTGCAAACACACCCTGGAAACCAGCACAGCCAG  
ATTCCATTGTTGACGATCCAGCCTACCAGGGTGAGGTAGTACTCAAGGTAGTCAGTC  
GTGAAAAGCGTCATGGCTGGATCTCAATTACGACTGAAGCAATAAGCTAATTCC  
AGAGCGACGATGGCTGCAACGCCGGCAGCTCAGTCGGATCAGCCGTAACGCGC  
TTCGGAGTCTGGCTCGCGAGCGAGCAGCCGACGGCGCATCCAAAGCCAGCCGGG  
CCGTAGCTGCATAGAGAGCCAGCCACACCAAAAAAGTAACCGGAAGCGGCAGCC  
ATCCAATTCTGCCAAGCCGTGACGCTGCCACGAGATAGATACCGACTACGTTGGCT  
AGCAATGCCATAGCGAGCAATACCATGGCCATAGCAGCACATGTGCCGTCTCCG  
ATTGAAAAGCCAGCGAAAGCGCAGCCACTCGAAATTCAATTGCAACCGCCCTGGCGA  
TGGCCGCTGCAATTGGTCGAGGGCGGTAGGGACAGGATCACCTCGTAGACCCCAC  
GCGAACCGATGCCCTGTACCGTGGCGCTGGATGATGCCATGGCGAGTTGTTAG  
CGAGCTACGGCGTAGTCAAGTTCGGTCTCAAATTCTGGATCTCACGATCCAGCG  
TATTGCTCTCGTGGTTGATAGCCTCAACCGCAAGCTGATTGGCTGAAACATTGGGCT  
CTTCTGCCAGTCAGAACGCGTGCAGCAACAGCAATGCCTCTCTAAACAGAAG  
ACAGCGCCACCTCTGAGGCCAGTCGGCGTGCAGGGATATCTGGTCCGGTTATCTC  
GCAGCGCTTCAATAACACCCCCGGGTGATGGCAAAGACGTGCTGCCGGCGCGC  
AAATTTCGAACGTGGTATTGCGGGTCCCGTCACTCAGCTCTGCAGGGACTGCAAT

TTGGCTCGTATTCTCCTGGATAAGTGGCGTCAAGCCAACACCCGGCATGGTTGA  
GTCTTGGTACAGCCTTCGCAAGTACGCTGCTCCTGCTCCCCAAGACACGGGTTGCC  
CATTCACTTGCTGCTGCGGGTAGGCCATGTCTGGCAAGCCAAGCTGTTGCAGCTA  
GTTGCATCTATCGACGAGGTATCGTAACGCTGCGGCCATTGACCAGGTTAGCCC  
GCGCGGGTCACATCGCGACCACCTGATCGAGGACTGACCCGCACCACCAGCGTT  
ATTGCCGCCAACCAAGGAACACCGTCATTGCCACGCCTGTTCAAGCCTGCTCGAT  
AGCGGACACTGCATCGGTACTGGTCACAGCCTGGCGAAGAGCCATGCCCTGCTCAT  
CTGGTTCCAACCGAGTTGCCACCAGCGTCTGGCCATCCGTTGCCATGGCGCG  
ACAGGTGAGTTGAAACGGTCAAAGTCCAGGCAGGCTGCAGCACGCCATTGGTCA  
ACAGGTTGAAAGACCAGGGTCTGCGCGCTGAATGATCAAGGCGGGCAGCGACGCG  
ACGGCACTGTCGCGCTCTGAATCACGTTACCCATGATGTTCTGAAATCCATTGTC  
AGCCCATTGAGCTGGTTCTGAATCGTCGCTGATATTCATATCCCCACAGACCAAA  
TTGCTGTTCCAGCCGGGCCAACGCCATCGAGCGATACCAGCGGCCGCTCATG  
GAGACGGCGTTGCCGCCACCGACTGAATACATGACCTCATCGCCGATACGCTTCCA  
CTGTTCTGGAAGCCACCGCTCTGGGCCAGACAAATCCGCTTGCAAGGCAAGTGC  
ACACGTCAAAACAAGGCGCGAATGTCCTGTCGACGGCGGAAGTGGGAA  
ATTCACGAGAGAATTCATTGACGTGCCCTCAGTTGAAATCGACGCTGCCAGGAA  
GACCTGACCTTGACGCTGGCAGCAGCTGTAAGGGCGCCATAAAGCCCACCGTAGT  
CGCCCTGCGCTGCCCTGAGGCAGCGAGCCGTTGGGGAAATACCGCACAGGTAGAG  
GACAGGCGTGGACTGAGTTGCTGCCACTTACCTGTTGAGGCATCGCTTCTACCAGC  
GCGCCAGCCGGCCAATAACCATCGCGACTACTGGCGAGCAGGGCTGATAGACGTG  
AAGTTGGCCTCGACGCGTCACGATGTCGCTGCGCGCTGCGCAACCACAGCGCCGG  
CCTTGTGGTCATCGGTCTGATGCAAGAAAACCTCCGCGGGGTACACGGCGCCCCAC  
AGATTCATGCCTGTACGAGAGCCTATCTCTCGATGCCAGGGATGAGCGCTTCGGGG  
TAAACGACTCTGGCAAGTTGATGCGCCATGCAATCGTATCCAAGGTGCTGAGCAAG  
TAGGGCATGAAAGCAGTACCAAGCACCTCGCACCGTAACCCGATGCGCTGGCGAA  
TTGACTGAAAATCTGCCAACGGGGTGGCGATCACATCCGCTTTGAACCTGAT  
CAGGTTTTCTGTTGTCATGATTAGTTGTCATCTCCTCCAGAGCGAGCAGTCGCG  
TTGGGCTTACTCATCGCACGTACTCAGCCAAGGATTTCACCAACGTTGGAATAG  
CTGGAGACCACAGCATCTGGAACGTAATGACGTACTTGATTGAGGTGCGAACCGT  
GCACCCCGTCAACGTCAATAAGCCAATAGCAAATGCCACAACCCGATACTCCA  
GGCAGTCTGGCGAAAGCGTTGATGACACGATGCTGGCGTATTCAAGAGCGAAGCTC  
GACGTAGCACCGCACAGCAGCGTGCAGCGCACCCATTGCTAGTCGACGTGGAAC  
ACGAGCCATCATGGATTTCTGCGGTACTCGCTACGCGCAAGTGCCTGTCC  
AGGTTGGACTCTCCGTACACCACATAACTCTGGTCCACAACAACCGCTGGGAGCGTG  
GCGATGCCAAACTCCAGGCGTCGTAACGCTTGGTGAGCACTACGAAGGCGTTGT  
TGCAGCGCTGGCCACCGCGTTCTAAGCGCTGCTGTACCAAGCGCTGCAGCATGCTGA  
GGATCGCTTGGAAAGCTGCTCTGACAACCTCGATTCAAGCTGTTGGGCTTGTCAATT  
CTATCGCTCGGTCGACGGTCGCGTGCAGTCACAAAGTGCCTGGAGTCAGTGA  
CCCAGACTTCTTGAGCCTCGGAACCTCCCGAACCGCATGCCAGTCCGAACAGC

GGTGTCCAAAACAATGTAGAGGTTGCGATGGCGTGCCTGGCAGTTGGAGA  
CCCATGTAGTCCAACGCATCCGGCTGACACATACCAAGAACATGAGTAATGCAGC  
ACGCCGCATTCTCGTATCGCATCTAGCAAAAGGTGTTACGCTGCCGCCGC  
ACCGATGCTAACGCAGCTCGATTGTTCTAGGTCGGGCTGGGTACGCGGCCGCAG  
AGTCGCGCACGATCCCCATGGATGGATCGATAAAGGAGTCCGAAAGGCGTGCAGTA  
TTTGGCCGCCATGCCAGTCGACCGTGCGATAGCAGTCGTGAGAGTTGGTCGCAGGC  
CACACATGCCGCGTCCGGTGACGGCTGCGCGCAAGTCCACGCGATCACCAGCAA  
CATAGGCGCCATACCAATGATGACGAAGCGTCCCGTCAAGTGGTAATGACCGATC  
ACGGCGAACTGCGGGTCGACCTGTTAGTCGCCAGCGACAAGGCGCCACGGATGC  
TAGCGATCACGCTGCAGGCTCCAGCTCGCCGAGTGCCACTTGGTCAAGCTGGCC  
GGGTCTGTGCATCGACCTCTAAACCCCTCAAGCCGCTGGATGCGATCGCGTGGCA  
CAGCGCGCCGGCGATCTCGATTGTTCATCAAGCATGATTTCTCCTGCATGCG  
CGTGCGGCTCGGCTGCAAGAGCGCGACTTGGCTAAGTCCGGTGGCATCCA  
CTCATCGACGCGTCCCAGTCGGCGGAAACTCGTTCGCAGCGGCCATGACCGTTG  
AACCATCTTGCTAACCGCTGCCGGCTTAGGCCGGTCTCCTCTGCTACTTCTGCCTGG  
GAACCTTCCATCTACAAGCACGCGCCGGCGATCTGAACACTGTGTCGACAGTGAGCGT  
CCTAACCGTGACTGGATTCTTCAAATTCCGCGGCGTATGGCACTTCTGCATTG  
CTGCAATATTCCCTGCGTGATTAGGGCGGGCGTATGCCATCGTCTGTTGGTTT  
GCGGACGCCTAACCTTACAAGAACGTCATAACTGATCAATAACCTCAAAGAAATT  
CTATTGAAACCTAGCGCGGTCGCTAACCGTTGCGAAGTCTGGCCATGCATCAC  
GTCATCCGTATTCCCGATTGCTAGGAGATGGTAGTCCATATCTGGCTGCTGCC  
TTAGCCGACGCCTGCTGCGATCCACGTTAGCCATCTCCAGTCGCTGCAGCGATTG  
TCGACCGCGTCTGCACGCCAAATCGGTTGGCATGGAAGCGCGTAGGTGATCAGG  
GTCACTCAACCGCCCTGCACCACAAATACATCGCGCCCGTGGCGTATCTGCC  
CTGGCGCTAACACCAACCGTGGCGCCGGTCCAGACTGTTCTCGCGGGCAAGTAC  
CATCACGCTGGCGATCAGACGGTTGCTGTTCATAGGGGTCGCCGGCTGCGC  
ATCAATGGTGTCTCACCCCTGCGTCACCTGCTGTAGCAACGCATAGTCTTGTGTT  
GGGACCTATATCGCGAGACGAATGGGTGCTTCAGGTCGCCAGGCATGCCATCAA  
TCGAGGCAGTAAATGGGCTGCGGGTTATTGAGCGATACGGGTCGCTTGTGGAAC  
GAGCGGCTTCTGCTGCCGCTCCAGACGTACCTGACGGCATCGTTAGTCGGCAA  
TCCGGCGGGATTGGTCTTCTGACGTAAACGTGATCACCGCTCCCGTGTAC  
GGCCCACTTCTGATCCCGCTCGAAGTACATCGCGTAAGAAACTCCTACCGCCAATCAC  
ATTGGGGTCTACAGAGGGCGGCCCTCAACGGCCTGAGCAAATTCTTCGCC  
ATTGGCCAGATACTGCTGCCTCTATCAGGCCATCTGGAAATGGCGTACAGGCC  
GGTATTGCCATACGTTGGCGCTACGTATTGTTGTCGAGCATATTGTCAGGAC  
TGCTCCAGCTCTGAGGACCGCTTCTCAACGCTGCATGCAGAAGTACTCGAGGC  
GTCCAGCAGTTGGGTGAGTTGATGGTCCGAGAACGGCTCGATCATGTGACCGC  
ACGTCTGCTCCGGGAAGGTTCAGAGCCAGGTCCGGCGCTCTGTCCATCCAGGAT  
TGCCGGAGTTCAAGATCTTCTTAAGGAGGGTCTGTCGAACACTTCCCAGTC  
CGCTAACCGGGCATTAGGGAAACGCGATCCATTGTCGTGCTGTTCTGGCGTAGT

CCTGCGCATAGCGTTGCCACCTGGCCAGGCAAACGATCGTGCAGACCACGCTTA  
GTGCCAGACGTCCATAGCCATCCGACCCGGCAATTGCGATAGGTAGTCCAGTAA  
AGCTCCGATTCCCTGCGTCGCGTAGCTGGAAAGAATCTGAGGTTGCGCTCAGTC  
AATCCACTCATGTCCTACTCCCTGTAATACGCGGTTCACCTAGCCTGGTGCAGCC  
AGAACGCTCCTACAGCGTCTCCATGCGCTCCAGTCTTCAGAAAACGCGCGTTAT  
AGTCAGGCTGATGGAAAGCTTGTCTCGATATCAGAGAAATAGTGGACGCAACTTG  
CGGCAACTGCTCCTCCTCGTGGACCACTTCATCGCCTCCAGCGTACACCGTCCCC  
GCGGAATTTCTGCTATCGCACTTGATGAAAGTGTGAGACTGCCACTGGAGTCGCG  
CGCGACATACCAGTCGCTCAAAGGCAGGATTACGGATAGGTGGCTCCGTAGTG  
GTCTCGTACGCTTCGAATATGCCGCCATCTTGCCTCGTCACTGGCATATGGCGTT  
AGCCCTAAAGTCTCCGGTTGTGCAATGCGCAGATCGAGTCTGTCGACGGGATTACCA  
CGTTGACCGAACCTGCCTCAGTGCCTTTCGTTGGAGGAATACCGCGCTAACAAAT  
GTCTCGATAGGGATACGGTCCACATAGTCGATGCCACAGCGATTCCCTGCGGAAA  
TCATTCTGCGCGGGTTCGCCCGCGCCTGGCGGGTGGCGTCAGATCCGGCCAC  
TCGATGATGAGCGTCACCCCTCGCCTGCCAAGGCGCGATCTGGCTATCCAGATAG  
TTGGCAGGAATGCGGAAGGTATTAGGTCCAGCTTACGTCAACAGGGGCATCAGA  
GTAGGTATGCCATTGATGATAACGGCCGTATGTAAAGTTTCGACATGTTGAAC  
CCCTTCTGTTGGTCGGCGCGCGTGCACACGCACTGCCAGTCAGTAACGGC  
GAGTGCAAGTGTCAAGGTACCGGCCGGATGACATCCGCATAGGGCCACTCCATTGCA  
AATTTGCCGTCAATATAAGCAAACCTCTGCAAAAGGGACAGGAACAGCATCACT  
CCCTCAGCGAGGCATGAACCACCGTACACGCTGAAGAACTGAAGATTGTCCTCCGGC  
CTGATGAACTCGCTCGTATTGTCGAAAAGTATCGTGAAGCTGCCAGCTCCATTCTCAGG  
GCTCTCTAGTGACGTGAGGCCTCGTCACTGGGGTTTCTCGCGGGAGCTTGA  
GGCGCTTCAGACAATCGTGAAGTCTGCCACAGCTCCATTCTCAGGCGAGCTC  
AGTAGATCCATTGCGGATAGCAAAGCATCTCCAGAGACTGGACCCGTTAGGCTCATC  
GAGCGACTCGTTTGTCAATCAAGCGAAGCGAGGGAGTTGCATCAAAGCCATC  
ATGGCGGGCTTGGCTCGGCTTGCAAGCGACTGCCCGCCAGGACGATCACTTCAG  
GCACTCCCGCACGGCAGATTCATGGGGTAACTCACACCAGCCGGAAGGC

>CONTIG\_33\_length\_9794\_cov\_15.720492

GTGCATGCGTACTTCCAGATTGGAGCGAAGTGGATGAGCACGGAGTGAGCCTGCT  
GGAGCGGGCGTAAAAAAATCAGGTTGGCGCGGCCCGAGAAACTGGGGCGCAA  
CGCACGCAGCAAGTTCTGATCGTCACCGCAGAGCGTGAAGAACACGGACACGG  
CGAGTCAGAAAGGCTATGACGCAGGCAAGAAAGTTGCCAGAATCAAGCGGCACATC  
GCCGTAGACACGCAAGGCTTGGCGCACGCCATTGCGGTGACGACGGCGAGGTGAC  
CGATCGTAAGGGTGCCTAATCGCGCTTGAACACGGCAAGCCGAGTTGAAGCGTG  
TCAAAAGCTTACTGTGCGATGGGGCTATGTCGGTGAGCGGTTGCGCAGGGAGTGC  
GCGAGAGCTTGGCAAGACGGTCAAAGTGCAGATCGCAAAGCGCTGCGAGCTGCAC  
ACCTTCAAGGTATGCCCAAGCGCTGGATCGTGGAGCGCAGCTTGCATGGTTAGAG  
AAGAACCGAAGGCTATGGAAAAATTGCGAGCGTCAACTCACACCAGCCGGAAGGC

GATCCACCTGGCATTCTGGCGTTGCTGCTTAGAAGACTTGAACAGGCTCTAACGGC  
CAAGCGGGTTCACCTTTGCAGAAAGACCTTATCCAGGAGTGCAAGGCCTGGG  
GGTGTGTCAGAGCTGCGTGCAGATCGTGGGCACGAGCTGGATGATGAGCATC  
ATGCGACTTACAGTCGGACTTACGACAGTGGAGAAGCTGCGCGCTGAGTCAG  
CACTCACCCGGCATTGACAAGCTCAGCTATGGGCTCAGTCCATTGCACTGAGCGTC  
CATCTTCGGAAGCTCGCGCTAAGGCAATCTCAGCTGGTATTCTGCTGCCTCA  
TGATGCCAGCAGCCGGCGCACCGTTGTCTTGAGGGATTGTGTATCGTCT  
ACACATTGTAAGACAACGGTGTCCCAGTGTGAGCGTAAAACAGAAGTCGTA  
CCTGCGGATGAGCGCCCGAGTTAAAGGCCTCTCCGTGAGGCGCAGGTCGGAA  
ATAGGACGCTCTAACATGTTAGAGGTCTTATCGAAGGTTATTGACGCCGAA  
ACCAGGCCGATACTCGCCGGAATCAGGACGCAAACCTCGATCGATTCCGAGAAA  
TCAACCAGCGTCGACACAAGTCGCGCACATCGCGTTAAAATAATGAACGAAGCT  
ATTTCGGCTTTGTCCGTTCAAGATGAAGAGCTGGGTCTATTGAGGTGAAGAA  
TTGGAGCTTCAGAGATTCTTATGATCGGCCTCAATGTAAGCCTTCTGCGGTGG  
CAGGTGGTAAAACACGATTGTTGAGTGCAATTCTCCCCATGTTCCGACAAATT  
GAAACTTCCATGAGCCGTTCTAGGCTCCGGCGCAATTTCGGTTGATCGCG  
TGCACAGCAGTGTATCTACGATCTAAATAGTGAACTCATTAAATCTCTGGCGGG  
AGTGCAGGCGAGGCCGCGCGCTTTAATCGCCTCAACCCCTACCTGGATAGGCA  
GGGGGAGGATGAGTATTACGTATTGCGCCGAAGCTCCGACGCAAGCTTGAGC  
GTGCCGCTCGATTCTTATTGAATCAGACTCATGGAATGGACTTGGCGCGAAA  
ATCGCTGGGTGTTCAATGTGCCCTGGGTGCGCGTGTGTTAGGGTATTGAATT  
CGCATCTTGAAAGCGGTATCAGATACCTGAAGGATACGGAAATCGTCGAGCAGG  
ATTCCGTCAATCAATTGCTCGTGCACAGCCTGGCATTGCTATTGGATCCACC  
ATACCTGCCATTCTGATACCAGTAAATTGCTGGCTACAACGGGAAGCGCTTCG  
AACAGCCGATTAGAAGAGTTGGCTTTGTGCGAAGGCCTAACCAAGCGAGGTGT  
GCATTGGATTGTTCAAATAGGGACAATGAACACATTGCTAAATTCTCATGC  
CAAGGTTATTGTTCAACCACGCGTCGCTCGGTCTCAGCTCAGGCCAACGACATAT  
TCAGCCTAAGGATTGCCAGAAGTCATTGTTGAGGAGGGGGGATCGATGAGCCA  
GCAGCGCGTCTGCGATCTTGCACGATACACCCTGTCCAATTAAAGGCCT  
CTATGGTCGCTTGGAGTAGCAGCAGTTACAGCAAGGACTACTTCAGATTATGC  
AAAGGCAGCTCGATAGTGCTGATGCGCTAGGATTGCTGGCGATCGAGTCATCT  
TTCCTATGCTTGGCCGATGGCGGTAGATAGACGGCTACCTCTATTCTGCCGAC  
CGTCTCCACTGGGATGGAAACCAACAAGCCACCTCTCCTGGCGTGTGGCTCAA  
GTTGGTTCGCGTCCAGAAATAAGCTTGGAAAGGGCTGGGATCTGCAAGCGGAGGC  
CGACGCAAATGCTGTGTTGAGGCGATTAATAGCCACATCACAAAGCCCTGGCTAA  
TGCTGTAAAATGGCGGGTGAAGCGCAAAGCTTCATACGCGAGTTACTCGAAA  
ACCCACCAGCCGAATTCAAGATCGCGATTGGATCAGCTTCTCGGAGGTCGTGG  
CTGCTATCGAAGCGCTGCCCGAGTGCTGGACTGGAGCGATTGGATGGAAAGAG  
CCCAAGAAGCGGGAGCCTCGCGTCCGGCTGTTGTCAGCGGTGCTCGAACGCGTT  
GGAGCGCGAACCGAATGTGCTCTTGTGGCCCGCCGGAACCGGCAAGAGCGTCG

CTTGAAAGATTGCGAGAACACTATCGATCAATTCCAAGGCTCCGCAATTGATC  
CAGATTCTGGCCTGGCAACTGGACCGATGGCTCCGAGGTGGAACAAGAGACTGTT  
CTGACTTGCAGCGAGGCTTGGTTTCACCCCGTGATAGCTATGAGCAGTCG  
TAGCCGGACTCTTCCTAGCTAACCAAGTAAGGGCGCAATCAAGCTGAAGCTAAGG  
CTGGGCCGCTGCTTGGCCACTGGGCTTCCGCTGACCCTGGACGAAAGGCGC  
TCTTGATTTAGATGAGTCATCGTGGTCTGGCGCGGAAGGGCTGGTACATACATCTC  
TGGGCTTGGATGGCGATAAGCGTTCTGGCGCGGAAGGGCTGGTACATACATCTC  
CCGTCCTATCCAACCAAGAGATGATGGTGCCTGAGGCTCCGGCAGGGCTCACATTG  
AGAAGAGGAGCAATTGATTCAAAGAGATGATGGTGCCTGAGGCTCCGGCAGGGCTCACATTG  
CTGCGATGAATAGCACTGATCGCTCAGTGCGCCCCCTGATGCTGCAATGCGTCGCC  
GTTTAGCGTCATTGAGTGGGCTCCGGACTATGATCTGTTGACGAGACGCCGCTGCTTG  
AAGATGTCGGAAAGCTGACAGGGATCTCCTCAAGCCAGAGCGCTGACGATTGG  
ACACCGGATGATGTCGCGTTGCTGCTGTTGAAATTCTCGAACCCCTTAATGACCGC  
ATCGAGTTTGCTTAGGTGAGGATTCTACTAGGACATGCTCTCATTTGGAATGCG  
GGTATAGGCGACACTGCTGAGCGTTGCGCCTCATTGCAATGGATACTAAA  
ATCGTTCCGACTTGCACGACGTTCCGATCAAGATGATGTTCTAGCAGTGGTG  
CTCGGAATCAAAGACTCAGCAGGGTTCCAGTGACCGGGAGGCTACCGAACAC  
CTTAGGCTACTGGCGTTCCGACCGTCTGCACTGCTAGTATCGCTCTAACAGGGCT  
CGTTTACGAGAAATGGCGCTTCGATCCTGCAAGCAACTCGTATCTGCTCG  
CACTGCCGTGATTGATAGTGAGGACTATCGAGGTCATTGAAAGGGTAGACTTGCG  
CTATCCAATGCAGATGCAGAGCGACTGAGGGCAGCAGTAGAATTGCTGCCCTCA  
ATTACGGCCGAGTTCAAGCTGCTATATGAGCAGGGTGGACTCCTGCGTCTGCAAAA  
TGTGCTGGGACCATTGATCTGGCGTGGTTGACAATCCAAGTTGCCCTAAGGT  
CAGCACCAATGAAGATTGGCAACGGCCGTTGCTCTCTTAACAGGCGACGAGG  
GTATCCATATCGCAGGGAACGTAGGGCTGGACGAGTCGGACGCATGCCACCTG  
CTCGATGTTCTGGCTGACATCTACCTCAATCGGTTGGAGCGGGCTTTCGACAGGAA  
GGGCCATTGCCATCATGGAGCGTCGGAAGTCCGAGCTCCTACTTACAAGGGACA  
CTGGATGTAAGTCGTTGGCGCAGACGGCGTTGCGCTCAGATCTTCTGTC  
TCGCGGACACTTCTGTATCAGACAATATCTTACGCAGAACCTGATCTCGTTGCGA  
AGGCTCTCGCAGCTGCGTCTACCAACTCACGCGTTAGCAATGGGTTGCGTGCATTGG  
TTCGAGATTAGCACCAGGCAGTGGCTCAAATGGCACAAGTAGCCAGACCAGGGCG  
GGCTCGCGCTCCCGAGCAGTGGAGTGCTATAAGCCTGCGTGGTCAGTGCAAT  
GCAATCCTGAGTAAGACTCATTGTTGGGGCTGCTGGCATCACACAGGCTTGGA  
TTGGCGGTTGAGGGTTGGCCTTTGGAGACCCCTCTGGAAAGAACACTACGATCG  
CTAGTCGGGTTGCTGCTGCCAAGGAAGAGCGCTTACTTATCAAATGCAGAGCAA  
GGTCAGCTGCTGTCTCCGTGGGTGAGCAGTGGCTGCTTGCAGCCTCAATCGAGTGCTGACGC  
GCTTCTGTTGAGGAGGGACGGGTGTTGGCTGCTTGCAGGCGAAGTATGTCGCGTT  
TGACCAGCGAGTCCTGAGCGAGGGCATATCTACCAAGCACTCAGCACCGCTGCTG  
CCTGCCAAGCACCCTGCTCCGTTGATCTATCCAGCAGCAGCCTTCATCAGGTGTG  
GGATACTGTCGGTTGGTACACTCCTAGGAAACTGTGGCTGTTGGTTAGATCT

GTTCAAGTATCGCTCCCCGTTCAAGCTGAGTCGCAGGCAATTGAGCTGCTTACATT  
TCTTGATGGCGTTGATGCAGAGCGGGACAGCGCGAGTGATGCCTCGGTTGCCCTCATC  
GCCATGACAGTAGCTGGAACGCTGTATATCGGGCTGCTGATGTCGTTGCCAGAG  
GAGCCACTTCGGCAACTAACCTCTGATTGCTGCTGCATCTGCCATGGCGCG  
GAAGGGCAAAGCGTTGGAGTGGCGCGCTGCGCATCCCGATCGTCACTGATTAGC  
GTTGTCGCCTCTGCCTGAATTGACGGCAACAGTCACGACTGGCAACGAGTTGCCGA  
ACTTGCACTGAGTGCTTCTATTGGTAAAGCGCCGAAGGGATGCACTCCTGGC  
AGCTTCTTATCAACGAGCATCCAGCACTCAAAAGAGCCTGGGTGCATATGCCACGC  
ATGACGCGTTGCCGCAGCGTAGCGCGATCACCTGGAGCCTTGGCAGAAGATC  
GCATCCATCGGATAGTCGATCCGAGTGTGGTGCAGGCAATTGCTACTCGCAGCGA  
TCGAACAGCGGGCCGGCTGCGAGTAAATCCCACCTCAAACGTTCATCCTCTCGT  
TGCATGGTGTGAGCTGATCCCGTGCAAGAGAGCTCTGTTGCTATTGCTGTGGC  
TAGCTGGCGCCGATGCGGGTGTGAATCTCAACAAGTCAGTGAAAATATTGCTGTGG  
ATAACCGCGCTACCGCGTATTGGTGGTCCGGCAAGAGAGCTATATGACGTAGTTCTTA  
TGAATCCCCGTGGAAATCGCTCGTCATAGCGTTGGATGGCGACGAGGAG  
CGAGCGAGAACAAATTACCGCGATGTCAGTCTGCGGAGAAGGAGCGCCTGGACTGCC  
ACCACTTACAGCGCCCAGGGTAAAGGGATCGCAATCTTCAAAGCCTCGTTGA  
ACTTGTCCCTCATCTCCTTATCGAGGGCGGCCCTGGTGCCTGCTGCCGGCAGC  
ATTTCATCTGACCGGGTATGACAGAACTGCGAGAACGCTACTTCAAACAATTGA  
AATTGCCGATGGACTGGCTACGAGAACCGCGCGGCTACTTCCGATCGACGGAC  
GCTACAAGTCGGTCTTGGCAGCGACCGCGTTCCAATGCAAGGACTAACCGGTG  
CGGTGCGCAGTTGCGACGGAGCCCAGCGAGGTTGACGCACCCATATCCGCTCC  
GCCGTAGCGATATCGCTTAATTGGCGCAAATATCACGTATTCCAGAGCTGCGC  
ATAAGCGTGAGTGGATGTGCTTCGAACGCTGAGTCAGGCACTCCTCTGTTG  
AGCCTGGCCTCTGGGTGGTGCCTATGCCCGAAGTTGATTAAGTCTCGGAA  
GAGACCGCTTCAGCATGTGAGCAAGGAGCGACTAACCAAGCTAGGGATGGAACA  
TTCCGCAATAAAAAGGAGTTGTGCTTGCTCCTTGATGGAGGGCGTCTAGTGGGT  
GCCTACGATTGTGCCAGAAAAGCTGGTATCCGGCTCTGGCCGACTGCGGTTGG  
GAAGACAATGGCGATAGGCCACTTGCCTGTGCACCCACAGTATGTGATGCCCGT  
GGAAATGAACGCTCCGCCCGTAGCCTCTGCGATGTCACCGCTTCGACCAACAC  
AAGAACCATGATTGCCAGCTTAGTGCCAGAACGGCTGGCAATGCCGAAACACGGCGC  
CAGTGCTGAATTCCAGACACGCTGAGTGCCTATGCTGGTCTGGCATCTGAATT  
CGATGGTGTGATTGGATCGCTGCCGATGATCAGTGGCTGCCACCTCAACAAAGT  
TCATCTGGAGGGTCTCGTCTGCCACGTGTTCAGCAAGTCAGCTGAACGATCG  
CTGCCGCTGCTGGAGCATTGTATCCATAGCCCTCGCGGGACTGTCTCCTCAGG  
ATTGCGCTCCCCACCTGGCACGCAACAGAAAAAGCTACGCCGATTGACCAC  
ATTGAAGCTGCTTCTACGATTGAAATGATGGTGGCGAAAGGGCTGGTCTGACGCC  
TCGCATCTCAAAGTTATTATGATCGTTCTGTTAAAGAACGGCGAGGCTTTGGAGG  
CATTCAATGCCGACGCCGTGCTTGTGATTGTCACCGAGGCCGTTCAAAGCT  
TCGCTCTGAGTGGAAATAGATGCCCTAGCGCGACGGTGGAGCTGGAGAACCTAG

TGCTTGCTCTGTATTTATTTCATGCCAGGCACTCTGCCTGGCAGCTGTGGAG  
GCGGTGAGGGGGCGACTTAAATCTATTGGCTAAAGATCGATTCAAGAGCATCT  
TTGCAAATTGAGCGTGCCTACGATTGAGCGTTTCGTGACGGGAATAGGCG  
TGAGTGAAGGATCGTCGGTGCACCGTACGTCCATGAAATCGATCGCGCAGTTGA  
GGAATGCTGAACCTCTGTAATGCTGTTAATTGAGAAAGCCGCGCTTGGCGTGG  
CAAATTGCGCCAGAGGTAAGTAAAGCTGAAAAGTCAACGGCGTTATTGGCTT  
TTGAAGCGTCCCGTGAAGATATGATTTCCATTCTCGAAAAGGGCAGTAATT  
CCTCCTTATTCTGAGTGAAGCGAACTAATTACGCTGGCGCAACCATCTGCTT  
TGCATTCTGAAAAAGCGTAGATCGGTTGATAAGCCGTGAGTGCCTACACGTAAA  
GCCAGATCTCGTAGACGAGATAGTGCACCCAGCCAATTGTTGAAGCTCGGTAG  
TCTTTGCCTACGGCTTAAGCACAGCTAAACCATGATCAGCCAGACGCAAGAATTG  
TGGTTCTGGATGCTTCTTAGGTGCCGCTCGCCGGAGAGATGTGATCCACACTGAA  
AAAGCCGCTTCGACTTTGCTTGAATATCGCTACGCCAAGTGGTAGCGCT  
GACTCGAATGATCAAAGCAAAGTCAGCCCCGGTCCCGGCTCAGCCAAGATGTGCT  
TTCCACTCTGGATGACGGATCCAGCGAGCGAGGGCGAGGAGACGGCGTGAAG  
GCCTCAACGCACCAAGCGCGGTGCGCGAATGCGCCAGCAGGGATGCAGTTAT  
CGTTCCCTCGTCTTGTCTGTCAGGACGCCCTAGTCAGAAGTTCAAGCAGTGCAAT  
CTGGAACGTTGCCGAGCGCGTTGAGCGGATGCTGAGTGACCCCTGAAGAC  
GTTGTTGCACATACTGGTAGATCGAGCGTTGTCATGTCAATCTGCATCGTTA  
CTGTGTGGCGACCTTACAGGAAATTGCTCTGCCATTCTGGAACCAGTCTCGAT  
CAACAGGGCCCCAGATCCAATGTGTTTCGGACGAGGAGCCTCCAACAACGAGGA  
GTGGGGGAGGAGTCAAAATGATGCGCTGATAGATAACAGGGATCCCTGATTTC  
ATTTTGATCCAAGATGCAAACATCCCTTCTCAGATTACATATTGCAGGCAT  
TCATCGAAGCATTGATATTGTCAGATCTCATACCTTGATAGGCAGGTTATCCC  
AATACCCTTGGCTCTAGAAAGGTTGCGAAAAAACACGGTCCTCGCCGGTTGTGAT  
TGGGAGTGGTAGCCAAAGGCCTCGGTTTCGTCGAACCTCGCCGAAATATCGAAGC  
CTTCTATGATTTAGATGGCGTTCACAGCTGAAATAAATTGAGAATTATTA  
AGCTATCCATGATCTGGCTTTGTCAAGTTAGATTTAAATTACATTGACT  
GCCGGTGCCTGACGAAGTGCAGCGCTCCCTCACTGATCCATCCGCTGCGTTGCG  
CGCTTTCTGACAAGTGCATCACAGCTGCACTACTACAAGCAAGGCATGAGTAG  
CGATAAAATTCAAATTGATATGGCCTCCCTGGAACAAGTAGGAGGATGTCA  
AAAGAGAAGGAGGGAAAGTCATGGTAGGAAAGTGCAGGCTACCTGTTGGCG  
CCGACTAGGCAGGGCGACCTGGAATGGAGAGTCGGAAAATTGCTAAGGGTTGGCT  
GTGGATGCATCGAAAAAGGAGACATCGCATCCCGTCACCCATGAAAGCTGTTGA  
GTTGGCTTAGCGCGTCGATTGCTATCAGAGTTCTCGTCCGTGAATCGACGTCCAC  
CCAATTGAGTAGCGCCTCAGTTGGAGTCCAATTCCCTACCCGAGGAGATTGGA  
CGTGAAGAAACGTTTACTGACGAGCAGGTATCGGCTTCTGCGCGAAGCCGAAA  
GCGCGTGGCGATCAAGGACCTGTCGGCGCCATGGCTCAGCGAGGCGTAC  
TACCTGTGGCGCAGCAAGTTGGCGGGATGAGCGTGCCTGAGGCGTCAA  
GGACCTTGAGTCCGAGAATGCTGACTGAAGAAGTTGCTAGCCGAGCAGCTGTTCG

AGAACGACCTGATCAAGGATGCGCTGCAAAAAAAAAGTGGTAAGCGCACCGGCGCGTC  
GTACGCTGGTGCAGTGAGATCGGGCGCGTGCAGCGAGCGTCGTGCCCTGGCA  
GCGATCGGCATGAGGCCAGTGCCTGCGCTGCGCTA

>CONTIG\_34\_length\_9694\_cov\_364.544267

TGGGATTGCCTAACTGTCTTCTTAAGATTGATTGGATTAGGCAAAGCCACCTCATT  
ATCTGGAGTTCATTTATTGCGTGAGATATCTCTCACTTCCGCCCTTGTACTTT  
TAAACACTACACCGCGATTGATGGTTCAAACCCATTATACCACTGCAATCATTGC  
CCCATATAGCTTGTGATAAAATATTATAAAAAGTCTAAGTAAAATTAGCTGTT  
GAATGGCAATTAGTGAGATCACCTTAGGCAATCATGGCACGAAATTCTGTCTAT  
TTTATCATTGACAGAAAATCCCCTCCCTATCAAACGTCTACCTCCTCAAAATTGGA  
TTGTAGATGCGCTTAAACACTCCCAGCTTCATCAGTATTGCAACACCCCCAAAGGT  
CAGTTACTCATCCGCAGCATTGCATGGCAAAGTCGAATTAGCGACATGGCCGTT  
CAAGACCGAGCCGGCGCGCTCACCTCAAGATCTGGTCCAAGCGACTACGACCAT  
CATGAAAAGCTGCGACGGCTCGCCGATCCGAACTCGCTATCCGAGCCCCAACCC  
TTGGCCACTCCGGCGCGACTGCTCTGAAGAGGTCGACGACTTCCTCAAAGACAAG  
GAGCGGCAGAACCTCGCACCAATTGATGCTTATGCCGACGCTTGATATC  
TTGCACCGCGTGAGCGGAACACCTCTGTTGCTCGGATCGACCACACGACATCTAC  
CAGATGTGGGATCTGCTGCGATGGCACCCGAAGACTTCATGACCAACCCAAAGCA  
TCAGGGATTGAGCGTCGAAGTCTTGATGCCAACGGTCAACGCCAACGGCGGC  
AACCTGCCAATGCCACGTTAGAACTGCACCGCGCTCCTCGCTGCTTCAACA  
CCTTAGTCAAAGCACGTGCCATCCCACACTCGCCGATGGATGCGTTCAAGCCGGCTA  
AGGAAGAACTCCTGGCTGTTAGGATGAGCCGAGCGTCTGCTTCAACTGAAGAAA  
TTCAGAAGATCTTCAACCCGGAGACCTTCTGCCGTGGCCAAGAAATACCCGCAC  
AGATGGTGGTGCCGCTATTGCCCTTACACGGCGCCAGGATCAACGAGATCGC  
GCAGCTCAAAGTGGCCGACATCGTGCAAGACCAAGGCATATGGTGTCTCGATCC  
AGAAGACCGTGGACGAAGATCTGGCGCAAAGCGCCGGCAAGCGCACCCGGCAAAG  
CCTCAAAGGCAAGAGCGCGATCCGCAAGGTGCCGATCCACCCAAAGCCTCATCCAAG  
CCGGCTTCCCTCAACTTCCCTGGCCGACATCAAAGCGTCCGGCCACCCCTGCCCTTCC  
CCAACCTGTCTGCAGGAACCTGCCGCAAGACCGGTGAGCCGAATGGCGTTACAGT  
CAAGGCTCGTCAACCAATTGCGAAGTATTGAAGGAGCTGGCTTGGCAAGGGA  
ATCGGGTCGCATGCCCTCCGCATACCGCTGGCTACCGAGCTGACGCCAACGGCGTG  
CGGGTAGAGCACATGCCCTGATCACGGGTATGCCCTCAACAAGAAGGCTCCGGT  
TCTGCAGGACAACATGTGACAAGTCAGCCGGAACACTCGGAAGATCCAAGTTG  
AAGCGCTTGGCCACTATCAGCCGGCTGTGACGCTGCCAGCTATGTGCGCGGACAG  
TTCAAGGAGCGGCTGAGGAAGGGAGCGAGGATGTATCCGTGAGGAGCGCGTGCAA  
AGCGTCTGCTGGCAGACCACACTCGAGACCGGTGAGGGCCGTACAAGTTACTG  
TCGGTTTGACCAGAGCGTTCGCGCAGCGCACGGCGAAATACCGAAGCTGCAACC  
TTCTCGAAAAAAATCACCGCGACATACAACCATCCATACGTTGACGGCTCTCTGCTC  
AGAAGGCTGTGGCTACACATAGCCCACAAACGATCTAGAAAGTCTTGGAGCTCT

TCGTCATTGAACCTGGCGTATGCTTAACACTGCCGTGCCTCACCCATAACTGGT  
GCATCCGCTTTGACTCGATAGCCTCATCAGCGTATCCCATCGTTCTACGAA  
GACCTCTTACCGCGAGCACAAGCGAAATCCGGCCGATAAGAGGTCTGGTCG  
TCGGGCTGATTGGTCGGTATAAGGCTTGATGAGTAAGGGTACCCCTTTTC  
CATCGCGTCCAATCGAGACACTAAGATCGCAGCGTCTGGCGTCAAATCTGAGTC  
GACCAATGTCCAATTCCCGAACGTGTTCGCGGGATGAACATAGGCTGAACACTATACT  
GGGTTGGTCTCTCCGACGAGGCAGGCAACCAATCCAATGGCTAGGTAAGGGCCA  
CAGTGCCTCGACCTGGAACCGCACGCCCGCGCACCTCCACTCATCGAACTTGC  
CTTGCACCGGGTGGACACTCGTAAAAAACACGCCGTTGGACGTTATCAACGTCGC  
ATAGGCCGATCAGAACCCATGCAATTCTAGATCTTGGCAAGCGCCCGTCTTCT  
CGGCTCGGACGGCTCCATGAAGACCGTATTCACTTGATGGAGGTTGGCCGATGA  
AAGGATGCGCGGACAGTGTGTTTCGTATCCATGAACAGGTTCTTGCCGAGCAC  
TAACGCACCTGGCGTCGGTGTGATGTCGCTCTACCGGTAACCGATCGCAGG  
CGCCTGCCTCTAACAGGTAACAGAACGCGGGGAGCGTGGCGTCTCGCTCT  
TAGAGCTGCCGTAACAGAGTGTCCCCCTGTTTCGGAGTCGTATTGTCGGTTTGT  
CTTTTTAAAAAGCCCAACGAGCTCACAGGGCTCTTCCGCCAAGCTGTGACCTTTC  
GCTGCCTGTGGATCGCGATAGAACGGACATGTGTCGGCGTGCATGCCCGACATG  
ATTGCGCACCAATGTCAGCGGATGGATGACGAGACCCTGCGCATGGCAAACATCA  
CCGGGGATTGGGACCAGGCAGACCATGACAATTGACAGCAGCCATTGGCCTTC  
TTAATCATATGATCAAGCAACTGGTAAGCTTGGAACCCACCCGGCAGGACCTGCA  
GCGGTGCCAAATGCCTCTCAGAGCCGCACTCATCAGCGTCAAGGACGTTCCG  
GGCTTAGGGGACAAATTGATCAAACCTATCGACACGGAGCATAGGAAGCCTAGG  
AGGCATAGACATGCCGACCACTCTCTCAACTATGGTGCCTCGTCAACATGTGCA  
CGGAAGCTCAAACCCCTTGTGAGGCAATTACATCTAACGATTGATTACTCCCTTCTC  
ACAATGCGTGTGGCGTGACAAATTCCCTCCGTCTGATATGCCAAGATGCGCAG  
CGCACTATCCATGTATGTCGTCGGAAAATCCGGATCGAAATGCGAGACTGGACA  
TACTCTGGGCTCACCTCAAGATAGAAGGAATGCTGCAGCTACCCAGGCCCTTCC  
AAGGCCAACCCCTCGAACACTAACGCTCCTGCACTGGCAATAGCGAGCTGAACCTC  
CACGGCCACTTATCTTCTGATGAGTGTGCGCGCGTCCAAGCTGCTCAACCCACTGC  
ATCACGCAACGACGCGTTTGGACGAGCAGAACAGTAAAGCTCAGCCAGCGACAT  
GAGACAAACCTGATGCCAGTGAAGACGCTCAACGTAACGGCACCCTGAGCCAAA  
GCTCCGTCATGAACACTGTGACTCGATAGATTATAAGCCACATCATGCGCCGTCGC  
GTCGCAATGAGAACAGGACTATAGGAGTGGCGTCAGCAGATTGAAATATCCGGAGC  
TCCATGCCGATCCCCAAAAACTCTTCGCCATAACAAATCGTAACCGCGTT  
GTCGCCTGAAATTATCTGCTAGCAGAAGTCCGATTCTGCGATTGCGTTAACGCT  
ATATGATCCATAGGCACCCGGATTAGAAATTAAACCGAACGGAGCATCCTGTCAAG  
CTAAGCGTCATGACCAGTCCTGGACGACACCTTGTCAACAAAGATATGTCAGCG  
CCAAGTAAAACCGGGCGACGAGCCTAGCCATCTGCGATCTCGCACAATTCTCTC  
ATCACGCTGCAATTGGTGTGGCCTCTGTAACCTAAGCGCCGGGATATCATGCCAA  
GCAAACCTACCAAGTGTGCTTCCTGCATCTGAGTGCCTATACTGGCCTAGAAACAC

CGTCGCATGAAGCTCTGAATTGGTTGGAAGTGCATTACCCCCGGCGATGGCTGG  
CGGAATGCTAACAGGAAGCCCCATGGACACTGTCCGATGACGATCCGAATCATATT  
CTGACAGCCGGCCTGCGGCCATTTCTTCCCACATTAAACATTGTGATGTCTTGT  
CTGTGGACAAGACATTAGCCTCTGGACGGCAGGCATCGGGCAGGCATTGCA  
GCCATTGCATCTACTTCCTGGGAGCATCGAAAGAGAAAGAAAGTGTGCGACATGA  
CCGAGAGATCTTGCAGAATTCTGAGGGACTTACCTCACAAACCCAGCATTAGCT  
ACTCAAGGACCATTGACTTCGGCGGAGACTATTACAAATCCCAGGTGCAACACTTGT  
CGACTTTGTTCGCGAATGGGACCGCCCAGAACTTGAGTTCTGGATAAGAAAATCGA  
AAAGAACGAAAATCGCTTATGATGCGGCACACAACCTTTGAAGACTTCATGCG  
GGAAACAGTCCCTAATGACCACAACCCAGAGATGAGCACAGTCTATCCCGGAATC  
AGCGAGGAGGATCGCGACCAGATTGATTAACAAAGTGCACCGCAACCTGAACGCA  
AGCGCACGAAAGTTCGACCGCAATACGATGAGTTCGCTACACTCGCAGACG  
CCTGTCTATGGAGTCTTGACCCATGCCATTCCGCTTACTCAACGACCCCTCAAGGG  
CGAATACGATGTAGTTAGCTCACATGGCTAAATCCCGGAAGCCGACCAAGC  
CTGACCCCACCCATGCATCGCAAGCGGACAGAGACTTCATCACTGGCGATGTT  
GCCCTGGTTCGGCCCTCGGAAGACCGACCGTTGTCGTCGCCGGCGCTCGAAAACC  
AATCCTAAACGCTTACAAGTCAGGCTATTCCGCTTCCGGAACATCTAGAGCTA  
TGCAGTTGAGACCGATGGCAGCACCTCATCCTGGATGACCATCTGTCACTCTG  
AACTCGACCAACTCAGCTTGACAAGACTGATTGGAGATTGGGTCTTAAGGGCATC  
GAGCTTGAATATTGACCAACAAACCATGCGTGAATGCGCCAATGGTTCTTAAG  
ATCAGGCAAGACCATTCTATCGTGCAGGTAGATCAAGACTTCATCGCGGAACCT  
CTGAAGCTCCTTATGACTACCTATCGCTGGCACCCAGTTACGCCGGCATGGCA  
AAGCTTCCAACCTCAATCGAACGAGTTGGGAACCAGAGAAGTTATCGATGAGAA  
CCAAGACATCTACGCAGTCCTCAATCGCGATGCCATGCTCTCACGCCATGCCA  
GAATCAAAGCATCATCGTGGCACGCATCAAGCAGAGTGTGGCACATTGATTTCGA  
CCCATCTGCAACTGAGCGGGATATAAGCAAGTCAGACAACCTGGCCTACTTCATAGT  
AGGCCAGGAGCGGTCGTCGAAATGGCCTCTAACGCTTCTACAGGATGAGCGCAAAG  
TTTCTTACAGTCTGATATCTGCCTCTGCCCTCCTATTCAAGCAACAGCGGAGA  
CATCAATGGAGCAATCGATGCCATTGCCAGAACGCGCCGGCAATCCAGCAG  
ACCAACTGGCTGGAAACATCATTGGCCTCAATCCATTCTTGACCATGGCATCTTGT  
CAGCCATCGCTATGGCTACAAAGTCAAGAAGCTCGGAAAACGGTCTAGTCGTG  
GGAAGCAGGATCGACCAAATAAGAAAGGAGATATCCTCAGTTGATTCAGGATA  
GGGCAACTCCGTGGCCTATGCTGTCGCCGGTAAGGTGGCAGTTCTGCACAAG  
TCACGGCGTGAAGATAGGAGAATACCAACACTGAGCAGACGAAAGCATGTCAAT  
ACTTACATGCGCCACTCCGCCCTGGGGTCTCTAGGGCTACAGAACATGCGTGC  
GCCCGCGCTTGCATATCGGTGCACTCGTAATCTCTCCGGCTGGCACAAGTTAC  
ATCCTCATGCCCTGGCGGAAGATGCGCGCTACAGCGCACGCTACGAGATGAGTTC  
ATCGTCACCGGCTCTGCCGATCGCTCTGCCTACTCTTGCCTCGTTGGATTGAA  
GCTCTCTGTGTTGCTCGCTGCATCAACTCTGGCAATGCCCTCATCAAGCTTC  
AATCGCTCGTCTGCGATCAGGTCCCGACATGATCTAAGTTCACTCGCGAACCAAG

AATATCCACCACTTCATCATGGCCATTGCGAAGTGCCTATGTAAGGCCAACTCGGG  
ATAAGCCGTCTTGTGCGCAAACCTCAAGATCGACTTGACCATTCTGCATGCCCTT  
CGTTGCTGCAGCGAACAGTGCCTCTGCCAAAGTCGCAGGGCGATGGCCTGTTCT  
GACGATGCCAAAGCAGACTCCCCACCAACGTTGCATGTCCTTGGCAGCAGCGA  
CGTTAAGCTTAATGCGTAGGTGCTCTCGGATCAGGAAGACCAGCTCGATCAAGA  
ACTCAACGACCTCGGCATGGTTGTTCTGGCTGCCGCTGCCAAGCCATGCAGCGCAC  
ATTGGATCTCGATGAAAAAGGCAACAAATGCTTGACCGCTCCAAGTGACCCCTCCC  
GACACGCAGCGATCAGCGCTCGACTGCCCTGGCTTAGCATCTGAAAAAACGACC  
AGCTGAAAGACCACATCAGCATGACCATGGCGCGCCCTCATACAGGCCAGTGA  
GTCGTGTTGAGAGGGCTGCACTCTTGAGCAGTCGTTGACGCACTCCGTGTGCC  
GTGCCTGGCAGCAAGCACCAATGCCTCGTCATTTCTCGCTGCAAAACTCCATGAG  
CTGCTCAACTGCCCGCACCGAACCCGCCTGACAGCGACATCAAGCGGATAGACCG  
CAAATGATTCGATAACAGTGGCACCAGTTGATCAACCAAGCTCTCCTTACCGC  
TGATGCCACATCAATGGCATAGCGTGCAGCATCGCTATGCCCTGAGCCTCAC  
AAAGTGAUTGCACATACGCCCTCGCTTCTGCTTCACTGCCGTCTAATACTCTTCT  
AATTGCCCTGTTCATTCGCCCTCCTCATTCAATCTAAGGCCATCACGCCCTCGTC  
AAGACCGCAGCGTGACAGCATCAGTCGGTGGACAAGCCGAAAAAGGACTTACAGA  
TCGTCGATGTCAGGAACATGGCCTCGTAGTCACACGCAATGAGCGTGCCTGGCTCG  
TCCTCGATACGTTGATCGCAAGGTCACTGACCCATTGTCGAACCTGAAGTCACTC  
TCGGCCACCGCATCGATATCGCACTGGAAAGTGCTTCTGGGCGAATCGCTTCA  
ATCGTTGCCCAAGTGACGACTTGGACGGTGCCTGATCTCGATGGTGTATTCATC  
TTGCTCCGTGCTGGCGACGTGCCAAGCTCGGAACGCAATCTATGCATCGCAGC  
CGCATCGCTAAAGGACGAAATGCCACGATCCCTGAACATCCATTCCGCCCG  
ATAACGCCAGCGCCTGGATGCACCCAGGCAGCCAATACGTAGGCCCTAAACGGGCT  
CGTGTCTCGTCTAACTCTGGCGATCCAGCCATGCAATCTGGATGCAAGACCGT  
CATCAGATGAGAGCGGTAGGCATTGCCAATGCTTTCTGGCATTGACCGCCA  
AGGCTTGATCGATGGTCAGGGCCAAGATCGTTGCCCTGCTGGAAAGCTTCTCGA  
TCACACTCATATCGAGCCCAGTGTGATGCCCGATGTGAGATCACGCTTGTACT  
CGGCTACGCGCGGATCACAATGAAGGGGACGCCCTCCCGTGCACCGAAATTG  
CCCGAGATCGGCTCTGGATATGCTCTGGCTTGGTACTTGGCATACCACGTC  
AAGAGTTCTACCTAGCAATCGAGCGTGGCGTCTGCTAATCAGAAACGGATTG  
CCGTGCTACGCTGAATTGGCGAATTGGCGTCTGGGATGCCAAGGTAGAACTCC  
GCCATGGCTTGCCTGAAGCGCGTGCCTGCTGAACGATCAAGTCGTTGCCTCAGG  
CCATCGAAATCACGGCTGGCGATGATGCCCTGCGCTCCACTCGCGATGACTTC  
AAGTGCACGGAAAATCCGCTTCGAAACTTTCGCTGCTGATATTGGTCAT  
CCAAACCGTCCTCGTTCAAGTCTCACTGCAAGCAACTTGCAACCGGAAGCTTGC  
CTCACCAAGCCTGACGACCCGTGGCGATGGTGTGAGGGGCCAATAAGCCTAAC  
TGTCGTGGAGGAAGCACAGCAGGAAAGCCATCCGCCCGTAGCGACCCAGTGCA  
CGCGTCTTGCTACCTATGGTGTGCGAGTTGCATGTGAGCCATCACGACCGAGCG  
CGTTGCTTGTGACCACAAAGTCAACGAGTTCAAGCAGGGAAAGCCGTCGCAACC

GATGAAGCGCGTGTGCACCCGCGTGGACAAACGAGTTGAGTGCCGCCAAGAGTAT  
TTCTTGAACTCCAAAAACGCCCGCAGTGGCTGGCTGCCTGCTCACCGTTCCAGA  
GCTTGGAGCATCTGGATAGCATGGTAAACGAGCAGCCACGGACTCACTCGTCGG  
CGTCAGTTCTTGTAAAGCAGGCCACCTCGGTATCGCTGCGCAATAAAGGACCCA  
CACGGCGCGACCAGCGCTCGAACACTCGCCTGATGAACGACCAGGGTGACGGCT  
CAGAACCGACTACGAGTAAGCAGCGACTCGCAACAGCGTGCTCAATCGAAAGCAGG  
CAAAGCGCGACAAACTGCAGTCGATCACTTGGTCAAACGGCGGAGCCGATGT  
GATGGGCGCCAATGCCTCCAACAGCTCATCAGAACCTCAAAGAGCTTCTAACCTG  
CTCAAACATCATGCCTCCCCAACGATTGAAACAGTTGGATCGCATCCTGGCGCATCA  
ATAACTCCCTCCTCGATTCTCATTGGATCTGCGCTAATGGCGTAAGCAGCGGA  
AGAAGCTTGAAGACCGGACTCAAGCGTAGCGCCATATCTTGCAAGATCAGGC  
ACTGGGTGGTCTCTGCTACCAACCGACGAAAGAGAGGGAGGGCTACGACCACCAT  
CTTGCTGCAAGGCTGGTGTGCTGACGCCCGCATCACCAGGTGATCCAGCACCCGG  
ATGTCGAGAAGTGCCAACGCTTGCCTAAGCGATCGGTGACCTTGCCTGGCTTC  
CTTGGCTCCGGATTGCCGCTTGGCGACTACTCGGAATGAATATCGCAGC  
AATTCCAGGGCGCGCTTGGCGACTACTCGGAATGAATATCGCAGC

>CONTIG\_35\_length\_9530\_cov\_18.008508

CGAAGAGAAAGTGGCTTGTGCGTAATGATCTACTCTGCGACACAGTAGGGCTTCAT  
AGGCTTGGTAAAGCAGTCTCAATTGGATGCCAGGGATGCTGTTGAGGATATTCA  
ACGCTTGGCGAGCGGTTCATGCTGCGCTCTAACCACTGCTCAATCAGCTCCACTTC  
CTCATTAAAATCTCTGCACCATGCCTGTTGCCGAGCTAACGCGATGACCTTGCC  
AGCTTGGCGAGTCAATGGGCTATATCGCGTATGGATGCCGTTAGAACCTGCTGACT  
TGGCCTTGGCCATGAGTATACAGTTGGTCATCAAACGACGACTCTCATGCCGGGC  
AAAGCTCCCCTGCCCTCTCTCTTGCTCGATCACGAAGCGCTGTTCATGACTGTGG  
CTGGCAGGCACATTATGGACTAGACGGCTTCACGGGAAGATTGGCACTCTTTAAA  
ATTGAGCAAAGCGTCGATCCGCTGGCGAGACCTTCTCCAAAGGCCACAGCTTC  
TGATGGCGCTTGGCTGATAGAATTCTCCCCCGAAATGCGCTTTAGGTGCTCTG  
GTGAGTGCTCTGGCCTCTCGTAATGCCCTGCTGAACGCATCTGCGCTTGGCTC  
TCAGTGTCCGGTGGCCACTCGTGCCTCAACGCCGGCATGATGAGATGCGCATTGA  
TGGTGGATGCGATCTCCCACGAAGGATCTCATCTCAGTGGCCCTGCCCTGCC  
TTGCGTCTAACTCTGCACAGGCTCGCTCCCTAGTCCATTGGCATGACCTTCTGGC  
TGAGATGAGAAGATGCACATGATGATTGCGCTGGCTCCCTTCTGACCAAGGTGAGTG  
AACAGCCACCAGCACAGCAGCTGATAGCGATCGACAAGAAGCTGGCCAAGTGCAA  
CCGCAAGCATTCTGCGCTGGAGCGTCAAATTGGCAAGGAAACTCGACTT  
CCCTCGCCACCCGAGCATTGCTCTCGTTCTGCTGCTCATTAATATCCCAGAAGCT  
TCGAACATCGAGACACCATCTCGGTGCCCATCGGGAGCAAGCATCTGTTGTGAGAT  
AACGCCCGATCTTCCCATTGTGCGCTGCTGTGAGTTGATCCCGCAGATTG  
ATCCCTGCACGATAAGCAGCCGCTGCGACTGATGATTGACCTTGCACGACTAAC  
GATTGATACTGACATGATAATTGCCATTAATTCCCGTTGAGGTTGTTGATAGT

GGGAGTATCAAATGGCTAAATGCGCGTCCGTCTAGATGACAAGGCTCGTTCGAA  
TTGGAGAGATATGTCACGGTGTGCCCCCTCTCTTGGATATTACCACAGGGATTA  
AAATAACCATATGTGGCTCTGCCCCCTCTCTTGGATATTACCACAGGGATTA  
AAAGATATAAATAAAAAACATAGGCCAAGTTACCAATAACCGCTGGCAAGCCTC  
AAATAAAAATGAACGAAACCTGTACGAATTAAAATGATTAGATCTGAAAATACT  
TCCTAAGCAATTGCATTAAATAAAAAACCACAGACCACAACCAGAAGGCAGCTACA  
AAAAATGGAATGGCTAAATTCTAACCGCGAAATCGCTACTGGCTCCATCATCGT  
TTTCTGTTGGCAGCTGCATTACATGCTGGCGCACAGGCTCTCCATCCCATCAAT  
ACCGTGTGCTCGTCTATTATCAGCAAGGACGACATTGAAGAGCCCTGTATCCGA  
AAGGATTTAGCAGACCACTCCGCACTTGCAGGATTCGAATGGCACATCAAATTGCG  
GTCCAAACACTCAAAGACGCGAAGGCTCTCATTGGATTGCGGACTTACACAATATC  
CCGCTAAAACCTATTGGACATGCAGGCTGGCGTTGACCTCAAACACTCACGTATC  
CACCGAAGCGGTTCATTCTAAGTGGTGGTGATTGCCCCAGGACAGACTGTTA  
GGGTTATTCTCTCGCAGCCATCCTAGGCACGATTGCCACCCAGGACAGACTGTTA  
GTCACCTAAAAGAGACAGATACGAACCTTTATCTCAGAAAATGAGGCGAAGAC  
TCTGGGCTATCTAACCAAAGCGACGTATTACGATCGAACAGTGCAAAAACA  
CCGCCAACAAACAAGTCGTCCCTCCAACATTGATCCAAGAGACCTAAAATTCTT  
GCGACGTCTGGCAGATCCCATTCTCAAATCGATTAGCAAAAGAAGTGCTAAGC  
AACGTAATGCATCGCTGTTGCCCTCGTCATCTCACTATGGTGCCTGGTCTTCTA  
TACCATATTAGAGAGCTGATCTCTCGAATATTCTCAAAGCCCTTCTGAAGAGCG  
TCAAGTAAGCACAGGCGAATAGTGACGCTCGCGCTGTGCCAGCGCTTAAAC  
AAAGAGATGAGGAGGAACACCTCCTCATCAACACGACGCGCTGAAAATCTAAAAT  
TGCAACTAGAAAATTGACGGCTTATTAGATTGAAAAAGTATTCTAAATT  
GAAGACAGTTGCGTATTTCATGCACATAACCCCTGCACTTGATAGTGTGAA  
CGACACGCGGCCCTCTCAATACAGCAGGATCTAACGGATATTAGCGTAAGGATTGT  
AAAAATCTGCAATCCATCCGTTATTCTCCGAAGGCTTACCTATTGAGGCGCTCT  
GCGGATAAGGCCCTTGGTCCCTCCCAAGTTGATTGATGAAGGCCAAAGCTGGAT  
GACTAGACATAGCAACCGCCTTCCCATGTTGCTGCACAGGAGAAAATAACGGCG  
CTGACTTCCCTCCATTGGTCACTAAGAAAATACCTAAATCAATGGTGGCTCCGTTG  
TCTTATCGATTGAACCTAGTGCCACGCTGGGGGACCGCTGGATATAGTGGGGC  
TCCCTCAAAAGGCACCTTCATCAACGTAATCATTATAAAGGAGTGCACGGATGGG  
GCGGTCAATTGAAACTGAAAATCTGGCTGCTCGAAAGGTGCAACCGCAATAACAA  
ACGGCCTCCCTTAACATGTGGCAGCTTGAATAGGACTCGGTGATTGCGCGCTT  
TTTGAAAGCGCATTAGATAATCTGATCATTGCCCTCTATTGAGAGGCCAAAATT  
CTTGTCCAGCACCTCTGCGTCATCGGTGCTGTTTCCCATTAGCGATAGAGCCG  
TTTGCAGCGTTGCAGTCACCGCCTCCACAATGACTCACCATTGAGCTTCAAAAT  
GGAAATCTGGCGAAGCTTTGTCCAATCCATTAAATCCATAGTCCTAAAACAC  
CATGGAGGTATATTCCAAAAAGACGAATTGAACGTTGTCTGAAATTCTTGATGA  
ATTTCATCTCGATCAGGAAATCCCTGCCCCACTCTGGACAACACTGCTTTGCC

TACCGCAGAAGGCTTGATAACATTACGAAGTTAGAGTGTAGTTGTCAGCTGGAAC  
GACTGGACTAAAAAGATCCATTTCATTTCTTCTTATTGCTCGAAATGTGCCTT  
TTCCCCTCAAGCTAACAAACAGCTCTGCTGCTCACTATGCGTCAATTGGAAAATT  
CTTGGATCATTCTGCCAGTCGCTGTCTCGTAGAGGTAGGCAAGCGAGACGC  
CAAGGGCGTCAGCCATCTCTGAGCCGTCGCTACGCACTCATGCACTGCCGCT  
CGTATCGATTGATTGAACGCCCTGCGACATCTCTGGTAGTCCCAGAGCACTCCTA  
AGGCCTTGGCTGAGCGAAGTGTCTCCTCCGCTTCATACGGCGGCGAAGA  
CGACACGAACACTGCGGGCGTGGGAGAAGTCATGCCCAAGGATGAACGTAAGCT  
ACGTTGCTCGTAAATTACGTTGCCGTATCTTACGTTAGCGTATCTTGCTTCATT  
GCAACCTTGGCGGTGTCATACGCCAACCGAAGGACCTAACCATGTTGAAGCTCG  
TGCTCCGCTCATCGTCTTGCTCATCACTGGCTAGCAGCCTGTTGGTGGGGCGA  
GGAAGCATTCTCCAATACGTCAAAGACAACAGCAACGACAAAGCCAAGATCAGTG  
ATTTGAGAGCAGCAAGTGCACAAAGCCGAGGGTGCACCGAGCTATGTCTGTGAT  
GTATGGGCTAGGTCAAGGCCATGGAGCGGGACCTTGGCCACCAAATGGATGGCGT  
CTACACGTTCACCAAGGTGGTGGTGCCTGGAAGATCACTGGCGGGTCCAGTAATT  
CCTTCGCGCTCTGCCCCCTGCCCTACTCCCAGGACATCCAATGACTGTTGGCAC  
GTTTCTTCCTGTTCTGGTGCATCGTGTGGTACGGATCAATCGA  
GCCTCTAGTCCCCTGCCAGCGGGAAATCTTGGTGGAGTTGAACGCTCCTAT  
TTGATGGCGAACGCTTGGGATCTGATTGAGCGGTCGCGGTTGAAGATCCGT  
GCCGGCAAAGCCGTAAAATTACGCTGGATGTTGCTCTGGAGAACGATT  
GGCACAGCTCAAAGCGCAAGGCACGATCACAGTCAGCATTGAGATCTGGATCAT  
CCAGTCTGGACGATCCGCTCAATAGCGAACGGTAAATGAACCTCTGGTATGAGAT  
ATTGAATCAGGCAATCAATGAGGGCGCGAAGCTCTGATCGCTCGTTGCGAACTGC  
CAGGGACGGATTGACGAACAGAGCTTGTGCGACGAATTAGCGCGGGAAAGAA  
ACGCGTATCGAAAACGAACCTCTTCGTATACAGTTAACAGAACGAGTCATCTCAGA  
GTGCTTCGGATTAATCAAGAACGTTCTAGTCTGATCAATGATCGCACTCGGACCCCG  
CATCAGCAGGGTGTATTGATGCTAGCCAAGCATCTCCTTTGCCCTACTGTCAGTA  
AGATTACTTCCAAGATGAAGCGAGATTGGGACGGCTGCTTTGAAATAGCGTCG  
TCCGGCACCTCTATGCCGTAGGACATAAGTGTAGGAATTTCATCTATACCCAAA  
TCTAGATGGACCAAAACCTCGACTAACGCTCCGGAGGCTGCATCGCTGTATACAAA  
ATACGATGTCCTTGTATGCCAGCGAGCGACGACAAAGCTCACGCAAACATGCCATTG  
AAATCAGGATAGGAAGACAAGCGCAAAGCTCACGCAAACATGCCATTG  
TGCATCAGTCGATTTCAACCATTCAAGCGCCTGATCGGTATCGAGAACGCTTATTG  
GCGGCTCGCGTCACCCAGCGTCTTGACGGCGCTCAACCATTGGCCTTTC  
CTTATCACCAAGGTTCTCTGCTAGCGTACAATACGGGAGAGGCGACAAGCCT  
GTCTGACTCGTCCGGTGCCTAGGAAAGTTAGTTGGCGTTGATTTGCTGAATCGTGGTT  
CTTGGCCCCACCAACTACGATTGCAAGTCATATCCAGCAGCAGAAAAACCT  
AAAATCGAACGTCGAGGAAGTCCTGCCGGACCATCGTAGCACATCCGACTCACT  
CGAAAACCTCGCGTTCAATAAGAACCTTGACGTTGATATCCATAGCACCTCCGAC  
CACATGGTCACAGTATCGCCTCATTTGGTCCGAGTCAGCGACTTTGACTAACG

GCCCCATAACTCTTCGATTCTGCAGGGCGTCTTATCCCTAGGATCGTCTGTCAAC  
GGCAGTAGTTCCATGGCCCTACACCATGCGCGGAGGGACGAACCTTGACTGCGT  
TTGCGCCTGGTCAAGGGTTGCTGCTGATCTGCTGCTGAGCAAGGCCTGATTGAT  
ATGTTCAAGTTGATTAAACGATTGCTCACAGGCCTATTGGCTGCCTGGACAGTAGG  
CATATCCCGCGCAGCATAGCTGGATCACTGGTAATCCCTGGACGACAAATACGTT  
CTGAGCTGCTGTCAGTTGCGCTGTTAGAAGAACGTGGTCCACTCGTGT  
CAGCCCCTTGTCCCTTGCCAACGTAAGCAAACCTGCCGTATGCGCTACTCGTGGC  
ATCGAAGGTTCGTCCGTTGATGATCCAGCTCAGCAGACCTGCCTTGATTGCTGA  
TAGAGCGCGAAGTCTGGGTGGCCGTATCCAATGGCTTTTGACTGTTGCTCTT  
GACGAAGACTGCGCTCGATCTGCCGATCGTGTGCCGCTGGCGTTCCACT  
TCTCGATTTCAGGCTGCCCTGATCGCGCCGTGGCCGGATCACGCTCAATGTTGA  
CCCTTGCCCACCTGGCTTCGATGTCGAGCTGCGCCCTTGCTCCCACATGTTCTGGGAGCCA  
CAAGATCCGCTCAGCGTGAGCTGCGCCCTTGCTCCCACATGTTCTGGGAGCCA  
CAGACCTTGTGGTGGCAGCCTGTTAACATCCGATCGATCAGAAATTCTCGGGGATC  
GCCACCTTGCTTCCCGCAATACCATGGACAGACGCTTGACCTCAAAGCTTCCA  
CTTCTGGTCTCAGGGTTGATGCCAACACATCGACACCGTGACCGGAATTGTTCTG  
GATAGCTACGAGATCCGTATAGCCTTCCCGCCAAGTCATGAGAGACGAACGCGT  
CACCGATATGCCACTTCATGATCTTAAGGGGGATAGTTCTCGTTGCCGATGTG  
CGCTTCAATGCCCTGTCAAAGGGCACATGCCATAAAAGCGGTGATGTTCCG  
AGCTAGGTAGCCAAGCTCCTAGGAGACAGCGCGCCACTCTCAAAAGAGCGTCGA  
GATTGCCAGTCTTCGAAGACCATCGACCAAGCTGCCAATTCACCTGGCTCGCT  
TCATGCCGCCAACCATGGAACATCAGATCTGCCCTCAGCCGCCACCC  
TGGCTGAACTCGCTGAGCGTTGTGAGCAAGCTCAACAATCTCTGGGCAAGCTCTT  
TTCTGGACTGCCTTCAACGCCCTGTCACTCTGCTGCCAGAGGCTCTGCACC  
TTCTGCCGCCGCACTCCCCCTGGCGTGAACGCGCTGCCATTGGTGGCGATCTGCC  
GCCCAACTCCTTGCCTCTGGCTCAACACCGCTGCAATCTTCCTGCTGCTGGG  
GCAAGGTCTTCTGCACATCAACGCCCTGGCAACGTTGGCGAGCTTGCAAGCTTG  
GTGGCAGGAACAAACGTGGCGATGATCTCAATGCCGCTGCCCTTGCTTCCCC  
AAATACTCTGCTCTTGCTTGCCTTGGCTGCCCTCTCAAACCCGCTCCACTCGTT  
CCAAGCACCAACGGCTGCATGCTGATATCACGCCAACCTGCTCGGATCTCAAT  
CGCGTCTGGCATAGATCGACGCCGACCGATCACCAAATTCCGGAAGTCGCGGT  
CGGTGCTGAATTGGTGAGTGAACCTGGCTAGGTCGACAGTGTACCAATCATCCCC  
AGCCATGGGTGGTGCACCCCTCATCGCTCCGTAGCTGCTGGCATCTCCCTGCCG  
CGCTCCCCGCAAGCCGGCTGCCGACGATCCAAGTAGCTGTTCTGGGAATTGTAGC  
GCGCTCGCTGGCCAGCTCCTGGCGCTGCCAGGTTGCGCTGACTGCTTATCTGT  
CCAGCCCAATGCCCTCGCTAGCCTCGTAGAGGCTACGTTGTAACCAGCGGTACTGG  
CTCTCGATGTAGCGCTCGTAGTCCGCTGACCCACGACTCATTGACGTTGCTGC  
GTCCAACCGGGCACCAAAGCGCCTGCCTCAGCTGGTGGCAGACCGCACTGATGG  
CATCGACCAAAGGTCCAACCTGTTCGCCCTGCTGATGCATATGCAGGCGAAC  
GCATGATGTCGTTGACCACACCTTCGATCCAGGCCGTCATGGACTGATGGGAAT

AGATCAGGCGATAAGGCCTGGTAAGCAGTTAGATCAACGTTGCCGTGGCATCAGTTG  
CTTGGGCAAGCGCTGCAATGTCAGCGCTCGGGTTGGCGGGTTGCATCGTCATGT  
CAGAGTCCTCATTCATGAGTGGACGATCAGCGAAACTCGGGTAGTCCCTGATCAG  
TCGCTCTCAACGGCCTGAGCCAATGGGTGCGCTCAATGGTGTGATGTTGCGCAA  
GACTTCCAGGGTGATCGATCAACGAGTGATCGACTTCAAAATCCGAAGATTGTG  
CCTGCGGCGCAGCGCTGAATGGCGAGGAGTTAGCCGGAAAGACGCGATCAATGG  
TGGCATCAAACACTCGAACCGCTGCTGTGTTCTTGCCTCGAGAGATGTGGAA  
GTCGGCCGCCATCTGCATGACCGCCTGAAACTCACTCGTCATCGGTCTCCAATG  
TTCAAACACCGACCGATACTCAGGAATAAGTGGCTGAGGGAAACGAAGCTCGTG  
GGATGTTAAATCGGTTGAGAAGAGAGCAACCAAAAAGGCATCAGATGTGCCGTT  
TTGATCCTGCGCATTCGGGCATTGCATTGATAGCTGATCTTCTCGGCCATTCGA  
TGAAGAGTTGAGCACAGGTTGACGCTTGATCCCACCATGAAAGCATCGTGGACCG  
ACGGCCTTCATACCGTCTGAGAACTGCGTAGGCCAATTCCAAGGTCTGCCGCATG  
TCGCTATACATGCCATCCAACGAAAGACCAAGGAACGTAGATGGACCGCCTGGCT  
GAECTAGGGCAGGAAGTTTCGGTATCCAAGCGCAGAAACGCATCGCAACTGGCAA  
CATCGAAGAAGAGCGCAATACGTTGAGCTGACCTGTTGGATCTAGCTCTC  
CTGGCGCATCAAGGTATCGTGGATCGCAGACTCATACCGCTCCGCACGCCCTCGC  
GTTGAAATTTCGAGCCATTCTGGCATTCCGTAGCCAATTGGATAGGGATGGAT  
GATGAGTCAATGTCATGCTGATGCCAGTCCTGATGGGTGCCACTCCGTTGGCTCT  
TCGTGGTCGGGTAGCCAGTGTAGTAAGCATCGCACTCATGTGCTACCTGCACCACC  
CCAATGCAGGCTAGGAGGGTGCACACGATGGAATCCAATAGGGTGCCGCTGAT  
GGCGTAGCAATGGCATTTCAAACGAGATCAAGTGTATCGCGCCTACAAGTG  
GCGTTGCCACAGGGATTGCTGCCATCCTGTGCTGGACGGCGCGTCGCGTCG  
ACGTCCACCCAATTGAGTAGCGCCCCAGTTGGAGTCCAATTCCCTACCCCGAGG  
AGATTGGACGTGAAGAACGCTTACCGAGGAACAGATCATTGGCTTCGCGCGA  
AGCCGAAGCGGG

>CONTIG\_36\_length\_9417\_cov\_24.140258

CACGATCAGTCACTGCCGGACCGCCTCGATCTGAACTCATCCGTATATCGCTTGC  
TGCTCATAGACACCTCCGAATCGACTATTTCCATGGCCTGAGATGTCTAGGAAAC  
CCTGGCGTATCAAAGGTTACGACATGACTCCTTAAGGTTGGATCAAAGATAACG  
AAAGCTGACGCCACTGCCCTGATATCAGAGCCGCTGCCAGCATCGCTGGTGGGG  
AAATATTGACGGATTGCGAGATAACAGGATCACCGTCTACATCTACGGTGCCGAG  
GTAGTAGCCCGCAGCACTTTAAGACTGAAGTTGAAGCAGCTTCCGAGGTGTAT  
TAAGGCCAATTGGCCGTAGGGTCGTCCTCGATGCTGGAGTTCATCATGGTGGTTTC  
CTGATAACGATAGAAATCAGCCACGTGCTATTGGCGTGTGGAGACCCAGAGGTA  
GTAGAAAAGCATCGACGTCGCAGGGACGCTCGTCCGCAATGATGCGAAGCGAACT  
GGCTGGGTCAACGCAGAGGATTCCACGGCGCAACCGGCTGACCCCTGGTTGCTGGC  
GTGATGCTGAATGAATCAGCGACGCATGGCGGAAATTAAGCAGACATGCTCATGTC  
GTCACTTGTAAACGGTAACTGTGAATACCCGCTTCAAGCGCCTGCTGCAGGCGCC

ATCCCAGCCAGGCCACGCAAGGCACAGCCATCGAATTGCCAATTGCTTATAGCGA  
GGCGCGTCGGCTGCTAGCTTGCCTCGGTACGGCACTAACGTGAATTGTCGGGCATA  
CCCTGGAGGCGCTCGCATTCCACCGGCATCAGCCCGAACCCGCCATTGACCAAG  
GCTGCCCACTCATCTTCCCAGGAGGCTCCATCGTATTGAAAGTAAGCCTCAATG  
CCGGGCTGCAAATATGTCCTTGTGCTACCGCCAGTACTGGCGCGAACCGTCGA  
GATATACCATGCCAATTCAAGCGATGGAGCCGCCACACGCCACGGAGGGAAAC  
GCTCGCAATCATTGGTCGCCCTGACCAGGCTTCCTCCACCAGTTGATAGAGAGCC  
GGTAACCTGACCATGCCCGACTCCAGGCGCAGCTCACACCGCGAATTCTGTGCAA  
ACGCAATGCTTGCGCGCGAAAGTGGCGACAATCGGACACACCACGGCCGGAGCCA  
TCCTCACTGCAGCCTTGCCGCCGTTGGCGGTATTGAGCGCATGAGCCAAGTGGCCG  
GTGAACGACTGTGCTGCGAAGGTCTCCACCTCGAACGTCGACTTGTGGCCCCGGCT  
GTCAGGCAGGCTGCCTGCGATTGGACCGCTGGAATTCCCACCGCCGAAGCAGAC  
CGTTACCGACGCCTGGGATAAGAGCTGCTCAAGCCGTTGACGAAGTGGATTGCGC  
TGTCAGTACGGCCTGAAGCAACTCCGGCAGGCATTGCCACGTTGGCCGCCCTGCG  
CAGGATTCCCGACAAGCTATCGGACTAAAAAGTACTTCTGCGGGATCGAGGTCGT  
ATCGACCACTGCCACAAGAACACACGGCGACGTCGTTGGCGACGCCGAAATAT  
TGTGCGTCGAGTACCCGCCACGCGATGCGACGGGGTCCAGACACACAAACCTGC  
GTGCGTCCATTTCCTGCTGGTTGAGCGCAGAGAGCACGCCCTGGACGTTTCCA  
GACGATGACCGATGGAGGTTCTGGTGTTCGACGGGTATGGTCATGGCATCGGC  
AAGCTCCGTATTAAAGGGCAAAGGCCCGTGGGTCTGCAGTCCAAGACGGT  
GCCCGCAGCCTGAACGCTGGCATGGCGTCCCCAACGAGGATGTCAGGTGCG  
GCACGAGCCCCGTGAGTACTTATCGCGATCTGTGTCATATCTCGAGGTTCGAA  
CGTCGGGGTAGTGTGAGCGAGCAAGGATTGGAAAGGGATCGATCTCGAGAAC  
CAAGCCGGATGCCAACCGAGCGGTTGCCAGGCCAAACTCACGCCCTGATTCCGCT  
GCATACACTGCCAAATTGAAGGGCTGTTCGTTCATGTCATATCACCTGTTGGTG  
GGCGAAATGCCCGTGGCCGAAGACCGAATGATCGCGGCCGTAACCGATGTA  
AGGAAAATGACAAAGGTGCTGGAGGTATGGACCTCCAGCGCAGGACAGAGAAACC  
ACCTGTGGGCTGCGATGGACTGGCTGCGTCAAAGCCGCCGTCGATCAGCTATC  
GCACCCGACCCGTATCGTGGCGGGAGTCGGTATCGCCTGGCACACATCCGCGACA  
AAAGGCCCGCTTGCACGCAAGAGGCCAGGAGACCCCTGGATCACAGACTG  
CAATCACCGATCAAGAGGCCGAGAAAGCGGCTGACACGAAAATACCTCATCCC  
TCCAGCGGTGGGGACCGCTGGACGCATGCCGTTGCAGAAGGTGGAGGCATGTTGG  
GTTGCCCACTAGGTGCGGGGCCACGCCCTGGCAACCGCTGGAGAGCGCGGTGCG  
CAGGATGTTGCGCGTCAGTGCCTGGCGCTGCCGCTTACGTGGGGAGC  
CACGTTGACCGGGTGACTCGACAGGCAACGTACCCCTGCACTCCGGTACCGGC  
TACATGACCAGAAGACACCAAGTCTCCAGTGCCTGGCGCTGCGTAGCACCAC  
AGAGGGCAAGCCGGACCTGGGGACCGAATAGACAATGTAGTTCTCGATGAAAGTGT  
CTGCACCAAGCTGAGCGACCCAGGCCACTGCTTCGATGAAAGTGTCCAACGTCA

GTTGGCCGGTCTGATCATGTCGAGCGCCTGCTCCCAGACTGCTGTCGTGCCAGGAT  
CAGCGATGGCAGCTGGTACTGCGTCAATCAACGTGAATGCGGCTCTGACGCGCGA  
ACGGATCTACCTCGCTTCACTAGGTAAGTGCCTTAGCAATCCATTGACGATACTT  
GCGCGTGTGGCTCGGTGCCAATGCCAACAGTGTCTTGAGCTTGTTCAGACGC  
GGATCCGAGACCAGCTCGCAACTCCCTCATCGCTTGACCAATTCTCCCTGGGTG  
TATGGCCGTGGCGCAGCGTCTTGAGAGCTTGCACTCAGCGCCTGTGACCTGACAA  
CTTAGCCCTGCGCGCAGTGGAGGCAGGATTGGCTACGGGAAGAGATATCGTCTCCC  
GCCTCTCAGGATCTGCTTGGCTCAGCTAGAACAGATGCCAGCCTCTAACAAACG  
ATTGTTGCCTACGGCTCGAAGAACATCAGGTCTGCACATGACAGCATGGCCGTG  
CGGTGAATTCGTGATGTGGAAAAACTGCGCGAGGTAGTGAGCACGTATCAGCCC  
ATAGACTGCCAGCTTCTCGCTCATGGCCGACAAGTCCGTGGCTCAAGTGTGCG  
AATGATGCCGTGATGCGCGTAACCTTGGCTCATTCCATGCACGAGACCTTGCCTG  
GCGATCAAGCTGATCAACTACGGATTTAAGAGTGGATCAGATTGAGCAAGCTGT  
CCAGGACCGTGGATATCTCGGTGAACATGTTCTGGGAAGATAGCCGGAGTCTGAG  
CGTGGATAGGTGTTATGTGTTCATAAAGCGACTGTGCAATGTCTAGCGTT  
TCTTGACATCCAGACAAAATTGCTTCAGCACACTCCTGCAAAGTGTCTAGATCG  
AACGGTAAAGGTGGGCCTCTCGGACTCGCTCGGTCTCAACCGCCTGGACCTGAAC  
GCGCCGGCGGCACGAATCGTTAGTCCACTGTCCAGTATGGAACAGACACGAAATGAG  
CGGCCAGCATCGTCCGTAGCGGACTGCGGAGGAAGCCAATTGCGAAAAATTGCTG  
GGCCTACTGGATAGTCCACTTCACTGTCCAGTATGGAACAGACACGAAATGAG  
CAATTCCCGGTCTGATCAACGACCAGCCGAATGTGGAGTCTGAACACGTCCGA  
CGGAAAGCACGCCCTCATGCCAGCCTACCTAACACGGTGAACAGGCGGCTG  
AGGTTCATGCCAATCAGCCAATCTGCACCGAGCGTCCAAGGCTGAGAAGTACAT  
TGGAAAGCGTCTGCTTGAAGGCTTGAGCGCACCCAGCGCCTTGCAGGATAGATGCGTC  
ATTAAAGCGGACAGCCAGAGACGCTGGATCTTCCCGCGATAACCGCACAGCTCAA  
TGATTTCGCGGGCGATCAATTGCCCTCACGGTGGCATCGGTTGCGATGACTAGTT  
CGGTTGCTTGCCTAACGAGCTTGAGCGACTTGAATTCCGAAGCGGTCTGGGTT  
GACCTAACACGCCATCGCTCAGGAGCAATAGGTAGCTGCTCTAGGGACCAATGCT  
TGAAGTGTCTACCGTAGGCTTGGGTGGAGCGGCTCTACTAGATGTCCGATGCA  
AAAGTGAAGTGTGACACCAGAACCAAGTGAAGCACCCATTCCCACGCTGTGCGGCC  
AGGATTCGTCCTATATCTTACCTGAGAGGGCTCTCGCAAAGAAATAGCCGCATA  
CCGCTTACCCGAATGACGTTGCTGAAGTTCATGTGCAACAGCATGTCGGACGGAT  
TTAAGCGGGCAGCAAAGAAGCAGAAATGCAGCATGACCAGCTGTTGAGTCGCA  
CCCCCGGGACTTGGCTACGCCGGTTGAATGCCATATCGATGTTTTAGCTCAACA  
GCTGGCGTCTGGCTAACCTGACGCTGAGTAGTGTACGTTGCTTGCATTGGC  
GCTAACTGCATGCTGATATGTTCTGATCATGCGCGCGTATCAGAATTCTAGT  
CCAGTTGGCGGGTCTGGCGCTGACGACTGCATCGGCCATCAAAGTATTCTGATAGTC  
AATGAAAGCCATGCTCTCATCCGGGATTGCTCCGACAACCACAGGGTGTGCGTGC  
ATCTCGATGGTGGTGCAGAGGCCGCGCTCAACCGGCTGTCGCTCGCACGGTTAC  
AAGATAGCGTTGCGCCATGCTTACCCCTGCGCCGCTTCCCCTGCTCCATGCTT

CCTGTGTACTTCATGAGCCACATGTGCATGTAGCGCTGCCGTTTCGCTGTGCAGC  
AGCACAAAGATCGTAAAGCGTTGGTAGAACGCTTCATCATGACCACAATCCAGGCT  
ATCGCCCTCATGAGCAATCTCGTGCCTCAATCAGTAAAAAAATACGCTGCTGTTCT  
GACCGGGGATGATTGAGCCGCTCACGATGGTGACATCGACGGCGATGTAGCTACT  
GCCGTCGGTCCATGCCTCGGCAACGTTGGATTGACCAAGCAGAATGTGAAGTGATT  
GCCCTCACGGACCTGGCCGCCGTAAACAGGCCGCCCCCGTGCACAGGGCGACA  
TAGTGGTGCAAGCACCAGCGCAACGCAGTCCATGCACGACGTGTCACGATCAAG  
CGCATCTTCTCCGTAAGGATGCGCGTCCGCTCCACGAACGCTCTCGCAATGTGCA  
AAATGCCAGCAGTTGCGGGATATAGAGAGCGTTATTCCCCAGTACTGAGCGCCGTT  
CAGCTCAATGTCCAGCCTAAGATTGTCGTGGATACGAGAGATACTGAGCAGCAA  
CTTGGCGCTATAGCACCCGAAACGATTAAGGGTGACGGAATGCACGATCACGGCA  
ATTCCCTCACGAGCGATAGCTCCCCCTTGGCACGTCGAAACCGCTTCAACAA  
GCAAACCTGCCGCATGACGCTGCCATGGCTGTAGCGGCATTGCGCAAGAAATCC  
TCCATTGAAATGTGCCGCTGCCAGGAAGAAGCGTCACGACTTCTCCTTGGAAATAG  
GTTTGCACAATGCCAGCGTACCGGAAAGGAGTGCCCAGCAGACTTCTCACGGCG  
CGCCTCTGTCTGCGATGATTGCCAGGGAGAGGGCAATCTGATCAGCCATCTGACC  
AAACTGCTTGGCAATAGCCTCCATACCGGGCAAGTCTGCGCAGGATTCTGTGCG  
GGAAACATTCAATCCAATAGCTTCTAGACACGATGAGACCACTGCGCCCCATAC  
ATGTCCCGAGTCGTGGCGACCAGTACGCCCTGGTTGATGGCGACGGCGCCATC  
GGCTTGACCCGTACCAAGCGAACACTGCTTCAGCATCCCAGCGCTGCCGTGAGG  
GTCGCGGGTATGCGATTCCCATTGAGTCACGCATACCGGGTGTAAACGCACTAA  
ATCCCCTATTCTGAAGGGTCGACATCAGCTGACCTCGCTCAGGGCTCATACCA  
GTCGCCCTGATCGCACAGCCGGTGAATGAGCCTGTACCTCGTAGATCGTAGTG  
GTAACCCATGACCGCTGTATTGACGGTCATCTGCCAAACATTGGAGTGCCAGGTTGT  
GGACGCGTGGGCCATGATTGCCGCGCCAAGGCGGAAGCAGCCATAGGTTGCAT  
CGCCCTCTCGTGCAGCGTCCAAACCGGCCGAAGTAGCGAATGACATCTCGCGGC  
TCGCAAAGCCTGACCGCTGTCATGGCACGAGAAGGCCGTGCGTAAATCGATAGTT  
GAACGTTACTGGCTTGGCATCCACTGAGTTCATCAGCAACTCGATGATGGCTTGC  
CGATCGAGCCTGCCGTACTGTAGATGATGTGATGGATCTGTTGGCGAGTTCAA  
ACGGTAGGCGCATGGGCCTCCTGGTTCACTGAAGCAGGATTGGATCAACGCC  
TCAGCCGCTAGCAATTGCTGGGCACTGCTAGAGCATCTCAGCAAGGGTGGCGCC  
CAAATGCCGATTCAAGGGTGTGGCGGGTCCGAATGCCATTGGCGTTCTGGCTG  
AGCGTCACCGAGGCTAACCGGAAGGGAGAACATGCCACGCCAGCTCGATCTT  
GAAGGTGGTGCCTCGTTCTCGCATCCTCCATTGCTTTAACGGTCCGGCC  
TCTACCAGAACCGCATGCCCTCTGATACAAATCCTCCAGTGCCTGGCATCGCG  
TGCCAGAGCTCACCGGAGGCCAGAACGCCACGGTCTCGAACGTGCCGTCTTC  
TTAGGCACCGGGTTATCGAAATAATGTTAGCGTAACAGCCGGTTCGGCTCATCG  
TTGCCATTGAAACTCGCGAAACTCTGGGATCGATCCGATATTGCCCTGCCAGAG  
AAATGGGTGCTCATGGTGTATCTCCGTGGTGGTAAAAAAACCGCTGGCACAGCG  
TTGGGGCAGGGAATAATGGATAGGTCAAGGCCTGGGGCGGCATCCCGAACGAGCA

GTTCCTTGGCGCCCGCAGACTCGGTGCAGGAAGGTGGACTCGGCCTGGCTCATCTG  
TTGGCGCACTCCAGAGCCTGACGACCTAAGGTGTGCATCAAGCTGATCTGCATGTC  
AGTACGAGGCCTGCTGTCGATGGCATACAAATCGGCTATCAGGCTGCCGGCGTG  
GCATCACTGAGAACGAGGTCTGCCATAGAGCAACCCCCATCGCGAGCGGTCTGG  
CCTGCGCCAGCGCAGAAAGGTCTGCCAGTCTCTGCTGGGCCAGTTCCAC  
CGGCAACAGATGGAAGGGATGTCCGGCTGCCTGTCAGCACCGTCGTTGTGCCA  
GGATGATCAACTGATCCCTTGCGCCAAGCATTGGCTGGCCCACACATCGAGAGCCC  
CTTACCTTAAAAGGCTTAAAAGGCCTTTAGATAGGGAGCCTGTCAGGCCAGCGA  
TGAAGTCAGTCTGTCAGGGATGGAAGCGCTGGGTTGATACAGATGCTGGTCG  
ATCATTCTGGCTCATCCTCGTCGCCACGACCGACTCTGGCGACACCAGCGCATCGT  
CGGTCGCTCGGTACGGTCGACAGCTACTTGATGTCACGCGATTGCAGGCCCG  
GGCGAATGATCGGGGGAGCGAAACCGCAGCGTACGCCCTCAAACACGTCCCTGC  
GGCAGCTCTCCGTACTCTCCAACCGCAGTGCAGGCCGCCATTCTGGCAGCGAAA  
TCGTCTCGCGTGGTGCCTGAAACGGTATTGTTGAGCCAGTGAGAAAAGACTGCGC  
AGCGCGTGAGCGCCTCGTTGAGCCAGCGTTCCAATGTGCTGCGTCGATCGCG  
GTGTGATGCGCCAAGATGAGCTTGCAGCAATGTCGTCAGTGAGCCAGCGAGGTA  
AACCGCCCGAACCCCAACTGGCGTTGACGAACAAGGGCAGTTGACGGGTTGGA  
CGTTGAGGTTTCGCCAAGACTGAGCGCCGTAGGTACGCCAGCTAAAGACTGGTCA  
ACCTGTTCGCGCAGGTTTGCAGGTGGCTTGGCTGCTCCAGCTCTCTCAATGC  
GTAACATCCACCAAGTCCAGTAGGGATCGCCTGTCAGCACCGCGCTCATCTGT  
TCATGACAGATACTGAGCCGTTCAAGCCGACGATAGCCGCCGTCCTCTGAAGCGG  
CGCGACCATGCCAGATGCGCGAACGCGTATGCGTGCAGCGTTAGCGACATCGC  
CTCGTAGGGTGCCAAGATTCAAGCTGCGCTGATCTGAGCTGCCAGTGAAGACTCGC  
TGTAGATAACGAGCCATCAGCTTCCCGCGTTGATGAGGGCGTCAGTCAACAAAC  
GGAACTCACCGCCCTCCAGTCGCGCGCACCACTGCATGTAGCTATCCCTGGGGA  
TAGCTACATGCGTCATTCAAGCTGCGCTGATCTGAGCTGCCAGGTAGGCTGTCG  
CTTCTACGGGTATTGCAGGGGAAATGGATGAAAAGCAGTGTGAGCTGGTAGTC  
AACGGTACGCAGGTGGCACACGTAGATGCGTTGCTGGATTGCTCGAACCGCGG  
GCACCTGGATTGCATGGCGCATTGCTAAATCGTCTGCCCTGAAGTCCCTGCTAAA  
GCCGCTGACGAAGGCACTAGAGCGGGCATGACGGCAAGGTTGCAGTCGGCTGA  
GCTTCATCTGACCGAGCCAGCAATGCTGCGCAAGCTCATGTCAGTGAGGAAGGAG  
CACCAGTTGGCGTTGATTAAGTGATACAAAGCGACGTTCCATCAAAGATCTAC  
CTGATTAGCCCCGACTCTCAGCCATGAAAATTGCTCGCTGCACGTAAAACCGGCTCT  
GGGCATGGGTGGATTGCATCATGGCGTGGCAAGTCGTTGGCAGCATCTCGCGCAA  
GCGGAATCGACGA

>CONTIG\_37\_length\_9377\_cov\_10.948649

GGATACGGCACTGGGGAGCTGACGCGACACCTGGCGCAGGAACGCTGGCGCAGC  
GAAGCCCGACCTGAAAGATAGGCTGCCCTCCGGCGATAGTGCCTCCCCGCACTCCGT  
TTAGAGGTTGCCGGTCCGGCGAAGCTGTCCTTGCTCATTAGAAGCTTATGG

AGAAACTACCGCCGGCTGGGCCAGCGCTTGTGTCAGTCGCCAGGCCATCCC  
GCCACCTGTTCAAGCTGGCATCAAGCGTGCATGGTGGCTGGAGGGCACCAC  
CGCGTCCGGATACGGTCATGGCGCTGAAGGCGCTGCTCCACCTGGAGATGC  
GGGAGAAATACACCGCACATGAGCTGCGACCGCAGGTGCACGCCTATGTTAT  
GAGACGGAGCTTAGTCGGGGGGCGTGGCTGAGGTATGCCACCCGCTGAGTA  
GTCGATAGAGGTCCAGGGAGACAAGCTAATAGCTTGTATTGACAATAGTCCAACCT  
GGAGCATTGTATTGGCATAGTGGCTATAGCCAATCAGTGGAGATTGAGATGAGCA  
CCCGTAAGGAAATCAATGCCTTTCGGTCTGGAGGCCAGCGGGAAAGTGTCTAGCC  
TTGTCACHTTCAGATTTCAGTGCCGGCCTCGGCTAGCGACGCCCTCGTCTTGAC  
TGAAGCGCTGGAAAAAAACTGCTCATTTGGTGCTGCAGGCTGATCCTACACCGTTGCT  
GCGTCGAGCTGAGCAAGTGGCTGAGGCCGCTGGAAAGCGCTACTCCTAACGAGT  
CGCTTGCTCGAGCGCATTGCACAAAGGCCTATGCAAGCCATTATTGAGGCTG  
ACGAGTGGCTAACGGCTGAGCAGATTAATGAAATGCAAACCTCGCCTCCAGCGAAC  
AAAAATCATCCTGCCAGTGATTGGAAGAGGCCGGGATTACTCCGTGGATAT  
GGATGGAAAGGATCACTATGCAAGTTATCAGTTGATGTGATGGGCGTCCCTTCC  
TATAATCAAGGATATTCTCGCTGCTCGGGCTATTCCGGATTCTGGTCAATTGCC  
TCATGGTTCACTACCCCAATGGGTGGATTGCCGGCCGAAATGGGAGCGCGTGGC  
GCCAAAGGAAGCTCTGGATGCCCTGCTGACGTCAAGGCAGCAAGCAAGCGGT  
TGCAGTTATCAAGCCTGAGGAGTTCTGAATGAAATGCCAGGAGCGGGAA  
AATTCAATTGTCGATTCTGATGACGAAGATCCAGAAGTCTGGTATCACGTCTAT  
GCTACGCACTCCCACAGCAATACGCCCTCACCTTACAAGGGTGGGGGAAACT  
CGCTTGCCCTATAATCTCCGGACGGCTCCGCTGCGCATACTTATTATGTTGCT  
CAACTGCGAGAGCAGCCATCATGGAGTCTGTTCTCACGATGTTCTCAAGTCCGC  
CAGGTGAACCTTCTGTATCAAGTTGACGGCTATCATCTAGTTGCGTCTAGT  
CAATCCGCTCGCTATGTGAGTTTACACTCCATTACCGGCTTGGCTGACG  
CGCACGGAGCTGATTGAAAGCATACCCCGTTACGGAGAAACTAGGCCTGGC  
TGAAGCGCGCTTACACAGCGCTAGATGCTCAAGCTAGGCTATGGCTCAAGAC  
TCCATGATTGCTCGCTGCTTAATGTTGGTGAGCAGCGTTGTTGAATCCTCCATT  
TCAGGTGCTTAGTGAAAATTGCCCTGCCGTGAACCATTACGCCGAAAGGTTT  
TTTGCCCGTCAACTAGGTATATCGAAACACCCCTAGCCTAGCGCGCTGGTACCA  
CCATTAGCGATGACTGCTGTTGGTACCCCTCGCGAATTGCCGATAGATATCAT  
TATTTCATAATGATTGGTATGGTGGAGTTCTAATTATCGTCACTTGTGAAGAGA  
GGTAGTCACCATTTCACAGAGATTCTGCTGCCCTGGAGAGCTCCTATTG  
GCCCTGGCCAAAAACATGCCCTAGGTTGTCAGATAAGTGTATGGCGCGTGG  
GAGGGCGCCGCTGCCCTACAAGCAGTGGAAAGCTGGTACCCGGACGAGAAGTTCC  
GGGCTACCGCTTCCGCAGGCCGCTGCCCTCATCTACTCAGCTGTTGCC  
GAGTTCCGTTGGGTTGTTGGCAAAGCGGATAGCTAGAGCAAGACTGAATGGG  
CCATGCCGCCGTTCTGTACGAATACTCCAATCTGCACACGGGGCAGCGCT  
TCTTAACGGCTGCTGCCAAGGTTGACTTGGACGGCCCCCTGACCAAC  
TCATCTAAGAAAGCGGACTGCTCCCGCGCACGCTGAACATCGTACAGTGC  
TCGA

GCACGGGTCA CGCGGACGTAAAACAATGCCGTTCTCGCCCAACGGATAGGGATC  
TTCCGCAGGCATGACTAGCGACAGAAGCGGGTCATCTGATCGCAAGCTGGAAAGC  
CGCGGTGCACCATCCCCGGAAGGATGACATAGTCGGCTCAGTCCCTTAGATTAT  
GAGCCGTTAGGAACCTTACCTCCATGGTCTCGCCAAAAGCGGCTCCACTCTGGTG  
GCACTGTGCTCTTGTCTTCTATAACGGCCTAGGACGAAGACCGATACTTTCCCTC  
CCTGCCAAGTGGGAGCTCTCCCAGAAGAAGCTTGTATGGAGCGCGGATAGGTAAT  
CTAGGATGCCATCTGAATCAGGTACGGCGGGTACCTGAAATGCCTGAAGCACG  
GGTCCTGGGTTGGCGTGACGGAGTGAACTCGCTTGAGCTGAGCTGGATTCTG  
ACGACGAAGCGGCTGGATACGTCGCAAAGCTCCTGAGGACAACGAAAGGTTGCTC  
TAGCTTGAGAACCTGGCCTGGCCAAAAAATTACGGAACCCGGTCATAACAGACA  
CGTCGGCACCAGCAAACCGATTGATGGATTGCCAATCGTCACCGACTGCGAACAGA  
TACTTGCCCAGGTTGGCTGATCAATGCGCGGAGAGACGGGACGAGCCGAGATGC  
ATCCTGAAACTCGTCCGCCATGACTAGATCATATGGTACTGAAAACGACCCCTGCTC  
CAAGAGACTGGCCGCCATGTTCAGCATGTCCTCAAAGTCGATGCCCTCTCGTCGGC  
CAGTGCCGTATCCAAGCTCAAAGACTGGACCGGCTATCTCTAAGAACGCCGAT  
GGCGCTCCTGAAGTGATCCTCGGGCATCTGACGAAGCCGCTCGCTCAAATCTCTCA  
TCGTCAAACAGTTGCTCTCGCGTGCATGAAACGTGCGCATCAGGCCGCCAAGT  
CGTCGTGGGCATGGGCTGGCGCCATCGCTTGAAGAGGAGCGTCTGGGTTCGGG  
TCCAGTTCTATCCCCACTCGGTCA GCTTGCAGCTAAGCCGAACGCCCTGGCCG  
CTGCGGAGGCCGTGTGAGGTGGTCTGAACAATGTGGTCCGCCGCTCATGTTCC  
TGACGCTCCAATCCAGGCTCTGCATGTAACCACGGAAATGCTTCGGGCTTGGCCC  
TGTGCGTCTAGGGCTAAGTGGTCTGGTAAAGGGCGGCGTCCGGTAGTAGAACGCT  
GGTAGTATTGGCGATGGGCGCCGTAGCCGTGTCGAACACTACGCCGCTCGTAT  
TCATAGGTACGCCGTTGAGAACAGCCAGTCTGCGATGACGATTCTCCATGCTC  
TGGACGCGGTCCCCCTCAAGGTGCGTAGGAATGGCTGCCATCAGGCCATAGCC  
ATCGGCCATCATCTCCCGCGCCAGCGGAGGTAGGTGCGGCCAACACCAAGCGGA  
ACATGTCCCATTGGAGCGGAATTCTGATGAGCGATCTTCTGGCTCTACCGCT  
CGGTCA GTTGCTTAGACCCCTCGCAGGGCTCTGGCCACTCGGAACGCTTAGCTT  
TCGTCCAGTCGCTCGCCGATGATGGCTAGGCCAGGGCGTGGAACGTCTGGCCTC  
CACTCTGTATCGAGCATCCCTAAGCGTTCAAAGACCGGGCGCTCGTCTTAAG  
CTCGGTAGCCGATCCGTATTGAATGCCAGCATACCATGCGCTGGGTTGATGAA  
CCCTCGGGTGTGGCGTAAGCGGCCTAGCCACCATGGTCGACGTTGCCGGAACC  
CGCAGACGCTACGACCTGGACTCGGTGTCGAAGCAAATCACAGCCCAGCCTGCT  
CCTCGGTCAAGGGCTTACTTCAACCCGGTCCAGCAGGTCTTGCTAGCGTGAGTT  
CTCGGGTCGCCATCGATTGTTGGCATCCTCCAAAGGGCGGCCAGTCCATCTTCC  
ACTGGTGGAGATTATCAATGGCTCTAGGTGGAAAGGCGAGCGCACGTGTCATGC  
ACCTCCTCATCCAAAAAGAGTGGCTCCAGCTCGCGGAGGGCAGCGGAGCTCAGG  
TCGCTCTCCAGCACCGACTGTTGCTGCTCGTGTGAATCCATCGTCTTCAACTTG  
CCCTCGTTGATCAACGAGCGTGCAGAGCCAAGCCAGGGACGGATGAGACCCAACGC  
GGAGTCGAACAAGGCTTCCGTTCGCGCTACGTCGCTCAAACACAGCATGTCCTTGAT

CGCAGACGACAACAGCGCCCTCGCATTGGGAGACCATACCGGTAGCCAAG  
GCCCGCCATCCAGTCCACCTACTCGGGACAAAGCACGCCTGGAACTACTTGG  
TGCATGCCATCGTCTACGAAGGTCGTAACGTTGCCAGCCACGCTGATGTCCG  
CGTGGTCGCCGTCCAAGTGAAGCCACCAGTGAGCAGACCGAGTCAAAACCGACCC  
CAACCAGAGGGCGCAATCGTGTGCCATCCGAACCTACCTGCAAATGCC  
GGGCCAGCAGCAACACACAGCTGACCAATGACTGAGCCATTAGTTAGTTGAATG  
GCAGCTGGGTGGGCTGTTGCTTCCAGGTAGAGCAAACATGTCTAGCCCACCTCGG  
AGTGATTGCTACATCGCGTCCGATTGCCGACTCTCTCCTAGCAAGATGTTGA  
TGCTTTCGTCTGTCGAGCAGACGCCAACCTCTCGGTTGATTAGGGTAGGGT  
GATAAAGGACTGGCGTGTCCAGAGCTGAGCAAACGACGCTGACTGGTAGGTCTCG  
GGATGTTCGCGAAGCATCCGATACTCATGGGTGTCAGCTCAAAGTAAATCGTGTCA  
GCAGATAACACCCTCACCTCGATCTTATGTGTCTCGCATCACGGCTGACCTCTAAGT  
CCCAACCGAGGTTCTCCTCTCCACACTCTCACTGTGTAATCGAGGGACTCGTAAT  
GCTCAGAGACGGCATCGATAGCAGCCGCTCCACTAGCGCGTTCATGGCAGCGTCTG  
GCGTCCTGCGCCTTGTGTTCTGCGAGCCGTGCTTCTAGATGTTGCTGATGG  
AAGCGCGACGCCATCCGTTCCATCAAGGTCTTAACCTTAATGAGAGCAGG  
AACTGCCGGATTCTCAGAGCGCTCTGGATACCAAACGTTGACTGACCTCGTAGCC  
TGCATCCGATCCATGGGGCATAAGGAATGAAGAAGGTGCGCTGTTCTTCAATAG  
GGTGGCGTTGGCTCGTCAGTAGAACACAGAGTAATGGCGTTGTTGAAGTGCATGC  
CGGAAATAGTGCCCGGGCTCAAATACTGCTGTGAAAAACGGTGGCATTCGAT  
ACCAGCCAACGACGACTGACCACGGCCTTGTGACGAGCCATGAACGCCACGTCG  
ACGCCATGGAGCGCGTCGCCTCGCTCCAGTGTGTTGGAGCGAGATTGCGTAGA  
TCGATGCCGGCACTATGACGGCTATCGCATAGCCGTAGCAAGTCCCTGGCTGGG  
TTGAAGTTAGATCTCAGCGCCAACCCCGTTGCGAATGTAGCTGCCGCTCCG  
CTGATGTTCCGGGACCATCGTAACGCTCCATGTAGCCGACCCCTCAAATGAGCAGC  
GGACGCTTGGATTTCGCGTTGAGACCATCGTTGACTCCTTGTCTTGAGGCGTCG  
TGTAACCAACGCCATGGATGAAAGCGTTATCGACCGATCGTCAGTGATGTTGAGC  
CTGAAAGGTTAACACTGCTAACTGGCGCACATTTCATGTTGTCACGTCTTCTC  
GTGCGACAGCAGGCTGATCCACTTGACCTCGGACACGTCTTTAAGGCGAGGAGC  
CGCACTAGCCAAAACACATCGACACCTCCAGGAGAGAGCATGGGTGAACGTGAC  
TTGGATGCGAACAGCATCTCAACGGCATTGTTGCGTGGTTTGAGCAGGGGGGG  
AGTTGGCATTGGGCAAGCCTGGGACGGCTTGGTCTTGTAGTAATCGGCTGAGT  
TTGAAAATTTGCGTGGCAGCTAGAAAAGTAGTGGAACTGCAAGGGGACCCCTGC  
GAAGATCGCTTTCTTGACACAGGTGCTTTGCCTGCAATCATGGAGTG  
GGTGCCTGCTATGCTCCTTGCCTTGAAGGAGGAATGAAGTGGTCTGCA  
ATTTGGCTGCTCGGTATCGGTTATGGCTGCGCAATCTATCGGGTGGAAATAC  
TTATCCGACTGCGTAAAGGTGCCCGTATGTGCGACGGCAAGAACGCCAGGATTGCG  
GCGGTTGAGGAAAAGCTGGCGAACGCAAGTGGAAAGAAAAAGTTAGGGATT  
GATGGGTTGTCTGTTGCCAGCTGCCAGCATTAGCTCGGAAAAAGTTAGAAGAGG  
CTCCGAGCCGGGGCTCTTGCCTTGAAGACTAGCTCAAGTCACAACCG

CTGGGCTCGGCCAGGTAGTAGCTGGCAACATCGCCTGACGTTGCCGGTGTGAG  
ATGCCAACATCGTGTGGCGCAAAGGTGTCTCCAGCTCATTGATGCTGACGATGTAG  
CTGTCCAGCGATCCGAGCGTGGCGCTGTTCGGAATGAGCCAACGTGATGGCCCGCGA  
GCCGCCATTGGGATTGGCCGTGATGATGGTCTTCAGAAGAAATCCGGCGTGCAGGAT  
GCCATGACTGGTGAGGAAGTAGTCGTTGGCGTGTGCTGTAATGACGCCCGGAT  
GACTTGGACGCTTGCTATATCGGATAACACTCAGCCACTTCTCGGCACGGACCCA  
GATGCCTGATTGAAGCTAGCCACCTGCGGAACGATGTTAGACATCAAGTTCGCGCG  
GCGGATGTAGGTGGCGTTGTAGTCATGTGGTTGGAGGTACCAAGTGCCCCCGTC  
ATAGCCGAACGCACACTGGCATAGGAAGCACTGGACGTTGGCCTGCGCAGCCAC  
TGGGTAAATTGGTATCCAAGTTGAAGCTGAAGGGCGCGCTGCCGAGCCGGTGTGCG  
GCTTGCAAGACATACTCGTAGCGCAGCGCGTGCCTGGTGCAGTCGTAGCTAAC  
GTGTAGCCACCCTGTTGAGCGTGACCACTTGTGCCTGGCGCAGCACTGAACGTG  
GTGATCAACGACACGGCGAGGAAGATTGGAATCGCATAGCAGCACATCTCCTGT  
GTTTCTGGGTCGCACAAGCTCAGCAAGCACGGAACAAGGCCGTTGCCTGTTGAG  
GAACGCATGAGTTGACGGAGTTGAAGCAGGCAGGCCAACTGGCGAGTGGCAGGGT  
TGCGCCGCGCCCTGTTGCCACGGTGTGGCACGCCGTCGTCAGTGTATCTAACAAA  
CGAACTCTAGCGTCAATCCCTATTCTGAAGTTGTGACCCAGCTCCAACGACCTGA  
GCCACTAGCAAGTGGGTGGTCCATAGCGTGGCACAGGCCGTCGGCTCAGGCGA  
TGCACAGCGCCATCGATACTCTGGTTATGGACAGAGCCCAGTTGAGAACCCACC  
TTGATCACTGGACGATGCGGTGCCGGCGTGCAGGCATCAAGTCCTGACAGATGCC  
ATTCTTACGCGCTTCGCCGGCATGGCGCAGATCATTGAGGAAAAGCTCTCACTG  
CTCAGGATGCCGAATTGTTGACGGCGATCAATGAGATTGGTCTGGCATGGAC  
TCAGAACGATGGACGAACCAGGCTGGGTGACGTCGGTCGCAATCCGCCGACCTA  
CTTCATTCTCACTGAAACCGCCGGATAACCCAGCTCACTTGCTATTGCCAGTGC  
GGTGGACGACAAGTTGTTAGATCGATTGATCGCTGGCTAGCGGCCGCGCTGAAACTTGA  
AGGTAAAGCGAGCGCGGGTAGTGGGGTGGCCTCCCATTGATGGCACGGGTGTG  
GCGTCCACCAGCGTCAACATGCCATCGCAACAGGCACCGAACGCCAACGCGTGAG  
ATCAATCTGCTGGACCGAGCCGCCGAGCAGGCTGCTGACGATCAGCTGCC  
TGCATGAATACATTGGACATCAGCCGGCAACGGCTGTCCTCAATCACTGGTGGG  
ACGCACCTTGGCGCATCGACCGCCGCAATCTGCCAGACGCACGGGCCCTCAA  
TGGCGAGCTAGTGACGGGCCAGTCGCTGCACACCCGGCAAGTGAGACGACCCAA  
ATCGTTTAAGCACTCGATTGATTAGCTAGGGCAGCCTTAGCTGAGCGTTTGC  
ATGGTTGGCGCAGGTGGAGATGGCCGAGTGTACATACGCTTACGAAAAAC  
GGTTGAGCTCGTGCCTGAGACTAGTCCAGCGAAATGCTGTGAGCACGAGCACTTC  
TTGTGAGCGGACTCTTATGGCATGAAAAAGTTAGCGCTGGCAAATGCGTGAGGGC  
GATTGGCAAAATTGCACGCCAGCAGCATGCAGTCGCTCTGGCGCCTCAACCACCG  
GCATGGGAGTAGCGCATCACTACTCTCCACCAGCGCTGGCCTCTCAAAGGGACCTT  
AGCTTCGCTGTCCAACCGCAAGGACAGGCCCTCTCGACGCTGACGCTTGTG  
CGGCCCTCGCTGTGCGCCGTTGCGCGTGCCTCGCTCGCTCGGTAGGGCCGG

ATGCTTCGCCTGCGGTTCCCACGAGGCGCACAACGCGCTGGTGGAGAAGAACCGA  
TGAAGCGCACCCAAAGACATCAAGGCTAATACCAACTCCAGATGGACGAGGAGGGC  
ATCTTGCTCGCAGCAGC

>CONTIG\_38\_length\_9319\_cov\_235.549717

GTTCGATATGGTCTGATATGCCACGGTTTACAGGGCGCGCTGGCTTGCTCAAGG  
CCTAGTTAAACTAGAGAAAATTCAAGCATGTCATGCTTGAATTGGCATCTTGATATA  
TCGACATAGCATCCGGTGGTATGCGCTATGGATTGTTGAAGCTGCTCTGTGTCGC  
TCACCGATCTGGCCGGCTACGCCGGCTGGAGGATGGCGTCGATAGGCATTGGGAT  
CGCATCTCGCCGGTGTGGTCTGACCACCTGCTGGCGTCGGCCGAGCTGTGT  
CTGATGCCGACACCGCCTGCATTGGGAGTAGATCGCAGCACCCGCTTGAAACCGG  
AACGCACCGCAGCCGGCACAGACTGGCAACGAAAGCCTGCGGCCAGCGCCACTG  
TAAAGCGCGCGGTAGCATTGGCTCGGTGCCGTAGGACGCAAAGAAACTCGGGCAT  
CGACAATCCCCTGGAACTGCACGGCATTGATGCTCATCACGCCACCTCGTCGGCT  
TCAGGTGACAGCAGCATCCACAAAGCGCGCGCAGATCCTGCGACTGGTAGCTGAA  
AGTCAGGGCTAATCAGGAGATTAGTTGGAAGGACGTTGAGTTGCCACCTTGACCA  
GGCACTCTTGACTACGCCAAGGGGATAGCCGGATCGTTCCAACGGACGAGTAA  
CAGGGCGTGGCCTCGGTACAGCAGGATTGGTAGCTGAGCTAAGCCGACCGGG  
CCTCTAGAAGCTTGTATCGCGTTCTACCGTCTTCCTGGCGAGCCGCACAGC  
AGTCTACATAGACTTCTTCCCTCCTCAATGTGGAGAATTACCGGAAGCCTGT  
CCCGCCTGGAGTTCCCATGACGCCACCAATCCTGTTGACGTTGCCAACCGTTGG  
AGCGATGGCCTGAATGAGGCTGCGCTGCGGGAGGCCGTCAATCAGGGTTATTG  
CAGCGGACTCGCCTGACCGCCAACCACCCATCATCTACCACGGCTGAACATGTGG  
GGGGAAATTGTCGCTGCGTTGCGTACCGAGCTCCGGTGGATTGGGTAGAGAG  
GATATCGGCAGCTATGCTCTGACCGTCAATGAAGAGCTAAGCTGGCGATACCGTG  
GCATCAGGTGATGAAGCTACTGGCAATCCGGATGACATCCCACTAATCGCTCCCGC  
AAGGGCGCAACACCGTGGACGCGATCGAGGCTAATGTCAGTTGAACATTGCA  
ACAGATGCCGCTGCGACGACTGATGAAGATGAGGGTAAGCAGACATGGGTGCTGA  
TGCATCACACCGACATTGCCGTGGCGAAATTGTTGAGTTGCCGCCATTGA  
GTATTGGGAGCGACGGCAAGATTAACCAGTGGCCGAGCGCATCATCTGGCTGGC  
ATTCCGTTGACGATCAACTGATTGAAATCTATCCGCTAGCGGACCGACATCGAT  
TTCGACATCCAGCGAAAAGCATAACGGATTGTTATGTTCAACCCGTTGCGATTGAC  
CCTGGCAAGAAAGCGCCGGGAATGAAGAAACGTGAGCTAGCTGAAAAGATTGGTT  
TAACGGAGAAGTCGGTTCAAATTACGAAGCCGGATCCAAGAGCCAGAGAGCACG  
ACGCTGAGCAAGCTATCAGAACCGCTCGGTTCCGAAGCGTTCTTGGTGAT  
GACCCAGAAGTTCCAACCTCCTGACGTCGCTAGCTCCGTTCCCTCTCAAAATGTCT  
GCTCCTCAGCGCAGCTCCGCGTTGGGAGCGGGCGCTGTTGCCCTGTTGCTAAACGAC  
TGGATCGAGTCTCGCTTCCAGTTGCCTGACCCAGATGTTCCGATCTGGCAGGGAG  
GGGGGATCCTCCCGTGGTGTGCGGGGTGATCAGTCATCGAAGGAAGCCGAACCTTA  
TCCAACCGTGCCTCCGCTCAGGATCCTGAGGCCAGCTGGAATGCTGCGCGCTCA

TTGGGGCATGGGTGAGCAGCCGTAAAAACATGATGCCCTGCTGAATCCAAGG  
GGGTGCGTGTCTATTCTCTGGCTATTGACGCCAAGGAAGTAGACGCTTTCGATGT  
GGAAGGGTGGCGGCCGTTGTATTCTTAATACCTTAAATCGGCTGAGCACTGTC  
GCTTGATGCCCATGAATTGGTCATCTGGAATGCACCAGCATGCGCAGCCGC  
AAGGCCCTGATCTGAAAGGGAGGCTAATGCTTCGCTGCCTCCTGATGCCAA  
AGGCCAGCGTGCCTGCACTCGCTCCAAAGTCAGCCACCATTCCCAGCCTATTGAC  
ACAAAAAAACACTGGCTGGTTCCGCTGCATTGAACATCGGCTGCATGCGCTAA  
GTCTTACGACCGATTGGACCTATCGAACGCTTGATCCAGATTGCACAAGCTGGGT  
ATCGAGGAAAGGAGCCCGAGAGCATCAATCATGAGAAGTCTCGTTCTGGAAAAG  
GTGTTCACAGCACTTCGAAATGAGGGCTAGGCAAAGCAGATGTAGCGAGACAATT  
GGCCATCCCGCCAGAAGAAATCAATGATCTGACCTTGGCTGATGCTCAATGCACT  
CAAAGGTGGTCGCAGCGATGATGCTGTTCCAAAAGCCAGTCGTGCAAAACTGCGCT  
TGGTCAAGGGCTGAAATGATTAAGAGAGCGGCAAGCGCATGAACGCAGTTGAGATT  
GAAGAGGCACTATCAGCTCTGGCTGAGGCCAGTTGAGGCCAGAATTCCCATAT  
CAGTTCTGACAGCGTTGGAAACAAAGACACTACTATCAAGCGCCTGCGGAAGGG  
CGATAGCAACCGTCCGACGTTCCGGCCGTCCTGCAACGAAGCAACATCCATC  
TGGCCACCTGTGCCAGCCAAGGCCAGTTCGCTTAGCGACCGATGGCAAATCTTG  
GAAGCTGAGGACCTGATCAGCGGAGAAGTGCTAGCCTGCGAATTGTAACCTTG  
TGACCACTCGGCTCTTCCACTGGCAGGCATCTCACGATCAAGGAGATCAA  
GGAGAACCGTTGACGTTCGAGCCACTGGCGACTGACTAAGCTCTACATCGAGCT  
TTTGCAGAACACAAGACCTGGCGTGGACGAGCGCCAGCGGACATGAACCAACT  
TCATGGCGCGCTTAGTGTCTGCTTCTCGCGGAAGACACAGATATCTTCCACGGCA  
CGAGTCTGTTACCAAGACTCTGCAAACGATGACCGAGTCTGATGGCTCAACACCC  
ACCAAGTGTGGAAACCATCTTCCGTGCCATGAACCTGCTACCGAAGAGCGGGCA  
ACGGCCAAGCTGCCGGTTGGCTGAGCATTCTTCTATGTCAACGGAGGCCTGTT  
TCTGGTAGCACCAGTTCGGTGTACTCGCACGGCGCTCCTACTTGATCCGC  
ACTGGCGAGCTGAAATGGCAGGAAATTAAATCCGACATCTCGGGCTGATGATCCA  
AGCCGTGGCCGATGAGGAGGAGCGCGGCTCACTGGCATGCACTACACCAGTGTGC  
CCAACATCCTCAAAGTGCTGAACCCACTTTCTGGATGACCTGCGCGCACAGTTGG  
AAGCTGCCGGGAGAACAAAGGTGAAGCTGCTGAACCTGCGAAAGCATGGCACGCAT  
TCGCGTTCGACCCAGCCTGCGGTTCCGGCAACTCCTAGTCATCGCCTACAAGCA  
GATGCGAGAAATCGAGGCTGAGATCAACATGCGCGAGGGGAAGCGGAACTGCGC  
ACTGAGATCCGCTGACCAATTCCGAGGCATCGAGCTACGCGAGTTCCGGCTGAG  
ATTGCGCGGCTGGCTCTCATAATCGCTGAGTTCTAGTGCATCAACTCTACCGCGGC  
CAAAAGGAAGCGTTGGCAGATGTGTTGGATTCCAGAACACTGGATTACATGT  
GATAACCGCTGCGTCTGGATTGGTGGCAGATCTGCCCAGCAGTGGCACACGGTA  
AAGCTGATCGGAGACGATCTTGTACACTTCTATTGACCGAGGAGATCGACTTT  
GAGAACGAAGGTGGTGAACATATTTGCGGTAATCCCCCTATGTGGGGCGTAA  
ATATCAGACAGATGCACAAAAGCGGAATTAAAGGCCGTTTCGTTGATCCA

ACGACACTTGTGTTGGACTATGTATCTGGCTGGTCATGAAGGCCACCGATTACA  
TGGCGGAAACGCTGGCAGACGTTGCGTTGTTGACGAATTCCATCTGCCAAGGTA  
TCCAAGTCTCAGCTCTTGGCCCACGTTGTTGGAAGGGTGCAGAAATTAGATTG  
CTTATCAATCCTTAAATGGCGAACCTGCAGCAAAGAATGCGGGGTTCGTTG  
CCATTATTGGTTAACACGTAGGAATGGCGGCACTAAGCAGATTTCATCGCCAATG  
AGGATGGGGTAGTTACCGTTGCACTGTCTCTAATATAAGCCCTATCTTGTCCAG  
GAGACAATGTTCTGGTTCACCTCGATCCAAAGTTCCAGACGAGCGCGCACCTATGC  
AATTGGCAATCATCCTTACTACCGGAATGAGCTAATGCTTCGCTGGATGAAGCGT  
CCGGGATGGTAGGAGAAGATGCCGGGTTGCTGAATTATACGTCCCTGTATGGCT  
CACGTGAGAGCATCAGTGGCACGCCCGCACGTGTTGGAATTACAGACGAAAAC  
CTTGCCTAGCGCAAGAAATCCCTGCTGTATGGCTCGTGTGAAAAAGTCCGCAAG  
GATCGTAAACTAACGACAAAGGATGTTCAAGGAAAAAGCTAGTTGAGACGCCGTG  
GCGCTTCCGAGATCAATATGAAGCGGAAAGCAGTTGCTGGTCCGATTGTAAG  
CTCGGAGAACAGGCCGTATCTGCCAGTTGTTCTGCTGTCGAAAGAGGGCGATAGTCCA  
TAACAAGGCCTTGCCTGTATGACGCCCTTTGAACTTGCCTGATTGTGTC  
AAAGATGCATCTTGTCTGGGTGGCGCTGTCTGTGCGCTTAGAGATGCGTTATTC  
CTACTCAAATACTTGGGTGGAACACCTTCCGGTCCGACTCTCACTGAACAAAA  
CAAAGCGGATCTAACTCGATGCCGGAAAGACATTGCTGCACGAGAGTCGCACT  
ATCCGCCACAATTGCCATCTTACGCCCTGATAATATGCCGATGACCTCTCC  
GTGCCACGAGCGCAATGACGAAGTCCTGGAGCGGATCTACATCGTCGGCGCTTC  
CGCAATGACACCGAACGCTGGAAAAGCTGTTGACCTCTACACTAACGATGACGGC  
GGCCAAGGCAAGCAAAGAAGAAGGCTAACGAAATGAGCATGGAAGGCAATCCGA  
CCAACAAATAACACCGTCCGTCAGTGTCCATCGCACGGCACAGACGGGTGCTTCC  
AGCAAGATCAATGCTCTGGCATCGTCCGATGCCGAGGAGAACGGCTATGCCAAGCG  
AGCGAGCAACACCTGCTGATCAAGTCGCCCCCGCCTCCGGTAAGTCCCAGCCTT  
AATGTTCATGCCCTGGACAAGATCAAGAACCAAGGGCTAAAGCAGGCCATCATCGT  
AGTCCCCGAACGTTCCATCGGTGGCAGCTTGCCGACGAGAAATTGTCAGCAGG  
GCTTTGGCGGACTGGATGGTAGGCCTCAGTGGAACCTTGCAATGCCAGGTG  
AGGACAACGGAAAGGTAGCCCCGTCAAAGTGAAGGCAGTAGGTGCTTCCGTGGCC  
AGCGAAGATCCGGTCTGGTGTGCACTCATGCCACCTCCGTTGCCGTGGATGAA  
TTCGGTATCGAACGCCCTTGACGGACGCCATTGATGAATTCCACCATGTC  
AGTAGCAACCGGACAACAAGCTAGGCACGCAGCTGGACAAACTCATTGCCGTGG  
ACAGGTCCATGTGGTGCATGACGGGTTGCTATTCCGTGGGATGCCGTGG  
TCTTCGCCGGAAAGATGAGGGCAAGTTGAGTCGGTCTCCTACACTACGAGCA  
GCTAAACGGCTACCTACCTACCAAAAGCCTGGACATGGGTATTCTCTACCGG  
TCGCTACCTAGACCGCATGAAAGGTTGATCCGTCTTGAAAGACGATCATCCA  
TATCCCCAATGTCAATGCCCGCAATCTTGAAGGACAAGCACAAAGAGGGTGA  
AAATCCTCGCCTCGCTGGCGATTGGAAGGGACCGATGAAGCAACGGCTTCAC  
CTGATTGAAATCGAGGGTGGCGGATCATCAGGGTGGCTGACTGGTGGACGACAG  
CGACGCCCGTCGCTCCAAGATCCTACGCCCTGAAGGATCCGGCTCAGAAGG

ACAACCGCGACAACGTCGACATCATCATTGCCCTGGGATGGCCAAGGAAGGGTTC  
GACTGGATTGGTGTGAGCACGCTCTGACCATTGGCTACCGCAGTAGCCTGACTGAG  
ATCGTCCAGATCATTGGTCGAGCCACTCGCGATGCACCAGGTAAAGGGCGCTCCCG  
CTTCACTAACCTCATTGCTGAGCCGCCAGACTCGGAGATACTGGTCGATGCCGT  
GAATGACACGCTTAAAGCCATCGCTGCAAGCCTGCTGATGGAGCAAGTGCTGGCG  
CGCGGTTGAGTTCACGCCAAGAACATGCAGGCAGAAAGAGGGTTGACTACGGT  
GATGAGGGCTACCAGGAAGGCAACGCCAATGTAGGCGTAAACGCCGCACCGGAG  
AAGTCCACGTTGAAATCAACGCCCTCGCGCAACCCAAAGTCTCCTGAGGCAGCGCGT  
ATCTGCAAAGAGGATATCAATGAGGTCTTACTGGTTTATTCAAGGACAAGCCGACC  
TTGGAACGAGGGTTGTCGACAAGGAAAATACGCTGCCTGAGGAAATCACCCAAAGT  
CCAGATGGCGAAGATCGTCGAGATCGCTACCCGGACCTGAGTGAGGAAGATCACG  
AGGCTGTGCGCCAGCACGCTATTGCGGTTCTGAACATTACCCAGCAAGCCAAGCAG  
GTGATAGCCAAGTTGATGCGAAGGGAGAGTCGCCAACATGTCCTGATCGAGGG  
TGTCCGAAATTGTCAATGTTAAAGACCTTGATATCGACCTGATTGATCGGATCAA  
TCCGTTCGACGCCCTACGCCGCCTGGCAAGGCCATGGACGAACGTGTGCTTCG  
TCAAGTTCAATCCGCTATTGAGCAAAGCGCCTGGCTATCCTACGAGGAAGCTAA  
GGACTTGGCCAAGCGGCCGTTGCCTCAAGAACGAGCAGGGGGCGCTGCTGAAA  
TCGGCTGGCAGATCCTGGGAGCGTCGCATGGCGAAGGCATGGCTCGTGCCTGCAA  
CGCCACATCGCTCAGCAAAAGGCAGCAGCAGCCCAGGGAGGCAGGCAATGGCTGATC  
GGGAAGGCGAGGACCTGCTGGAAGAACCTGGCCTGAAGCGACACCGATCAAGGC  
CAGTAGCCACACCCCCACAGGAGGAACGCCCTGGCAGGGTTGAAGACATTCTCC  
GGTCGTCAGAGCATGGCGAGCTCCCCAACACGCCGAAGACCGCGACATTTC  
GAGGCCCTTACGCCGTTGGCTGGATCGATTGAGGGCTCTGACCAGGCCACGCG  
TTGCTTATGCCACTAGATCCCAAGGCCTGCTATGGCGCCACCCAGCCGCCCGCG  
CCTGATGCTGCCGATGACTTAGATGATGCGCGCTGCTGGCTGAACCTGGCCTTGG  
TCCGGTGAGGACGACATACCAATCTGCGTCATGTCCGATCTTCGAAGAGCGTAAA  
GCTGCTGAGGATGTGGCAAACCGGACCGCATGTGTCGATTGATCGGTCCAGCCT  
CTATTGAGCGAGTGGAAAGGGATATTAAGACAGGCCTCGCAAGACGCTGCGGTT  
TGGCCGGATGCGAGCGTGGCGAAGGAAACTTCTTCATCCTGGCGGCCAGATGG  
CCTATGTCGTCGAAGTAGGGAAACTATCCGCCCCCAATGGCGAAGCCGATGCT  
AGGCTGCGCGTCATCTACTCAAACGGCACTGAGAGCAATCTGCTGCAACGCTATTG  
CAACGAGCCCTACAAGGACGACACGGGTCGACGCATCACAGATGACGACGCTGG  
TCCTCTTTGGCGATACGTTGGAGCTGAAAGATATCGTTAACGGCACCATCTATGT  
GGTGCCTGCTGCTAACATCCATTGCGCACATCGTGAAGTGTGATCCATAA  
AATCGGCATCACAGGCGGGAGCGTCGAAGCGCGATGCCAATGCTAAAAGGATC  
CGACTTATATGCTAGCCAAGGTAGAAGTGGTGGCTACCTATAAGCTTCCAATCTCA  
ATCACGTCGTTGGAAAATCTCTTCACCGCATTTCCAATCGCGCGCTGGATCT  
GAAACTCCAAGATCGCTTGGCGATAATGTCCGCCACGTGAGTGGTTCTCGTGC  
TTGCCTGTCATTGATGAGGCTGAAAGCGCATCCAGGATGGATCCATACCGACTA  
CATCTATGATCCGGCCGGCTGCGCTGGTAAACAGTAAAGGTATTCCACAGGGC

GCGTACGCAACCTGATGCTCGTGGCCTCAAAGTAGATCAATCAGCAGTAAAGA  
CTCCATCGCGGAGATGATCCGGCACGCTAGCTAGCGCGGCCGAGGATGAGTTGA  
TGGCAAAAGACAAGAGCGACCAACACCTGCCCACGTGGCATCCTCGTTGAAGAAC  
ACCTTCAGCGGTGTGATCGCTGGATCGAGCACGCCAGCCGGACAATGAACCACA  
GCGATATTCGACAACATAGAGAACTATCTGCGGCATCCGGCCCCGTGCGGGCAA  
ACTTGATGGAACTAACCTGGGCTGGCATGTGTATGCGGTCCAAGCCTGCGCCCT  
CAGCGGCCAGGGCCGCTGGACGAACCTGCCAGCCGCTGTGCTGGCGGTGGCGA  
TGCCTCAATCGCATTCTGTTGAGGCCCGTGAACCTGGCCTGGACCACGTGAGA  
GGCAGCCGCTGCTACCGTTCTGGACCAGCATGAAGGTGGCTGCCACCGCAATGCTCT  
CGCAGTGGAGGCCACCGAGGCTGGTCCCCGCTCCTGGTCCAGGT

>CONTIG\_39\_length\_9306\_cov\_135.224098

ATACTAGGGATTCGTCGGACACGTGATGCCATCGATACGCACTACGTTGCGGTAG  
AGAGCCGCTGGCCAGGATGAAGCGCCGTGCCAACTGAGACACGCCCTGCTGGTGC  
GCAGGCTGTAGTGCCAACCGCAAGCGGTGCGCACTCGATCAAGCAGCCGCGTC  
GGCGACTTGCTGTTACGCCATTGTTGGGGGTGATTCATACGCCCTGCGTCCTT  
GCTGGATGAGGCTGGAAGCCCCGCAATGGTAGAGTCCGCTGCCATCGTGAATCC  
CGTATCGCGGCTAGGATTCCCCCATTCCGGCGTCCAATAGTAGTTAGGCACCACTATGCCATTCA  
GCCACTCGTGAGAACCTACTGAAGCTCTGCGCGTGTGATGATTGTCGCGGGCC  
GATCGCGTAGATCGGATCGAGTGGCTGGCTCAGCACTACTTCATCCGGCGCGTC  
ATGGGTGATCTAACGATCCTCCACATGCTGGAAGAACGCGCGCTCTGTTGTTCC  
GGCCACTTGTGCGATTGCTCCTGCCACTTCTTCGTAGAGCACACACTAGCG  
AAGAGCTAGAAAGCTTGGCTCCTGCGCAGGAGCGACATACATTGAGCTAATGATT  
AAGGCCGGCGCCAATACCTTCGTTGCCAAATGATTGTTGACCGCACCGACAGG  
CTTCGGCAGCTGCGCAATCCGTTCACGCACCGCAAAGCGGCTAACCAACCTGATGCA  
TTCGGCACCAAGATTCTGGCCAAAAAGTCCATCCAGCTACGATACTGGAGTCGGAT  
GCCAAGCTGGCTATGGAGGTATGTGAGTGGTTCGCGCACCCTGCGGAGTGCT  
TAATAATTCAAGCGAACCGCTCGCAGGTCGGCTTAATTCAAGGCTTAGAC  
CGCTCAAGGAGTTCATCGTAACCATGAAGGTATTCTGCACACCCGTAGCCGAAGC  
AACGAGACTGGCTAACGAGGAGCGAGATTTCGACATCCCCGTTGGCGAGT  
ACGTGGCAACCTCAAGTGACGGTCCGTGGTCAAGGTTGAGCTCGTAGTTACACGC  
CGTTCCGTGCGACTTCGACGCTGAGGTGTACGCCGTTGCGGAGACCACCTGAGG  
TTCTCAAAGAGACTTGGATGGCTAGCATTCTGACGCCGCTAACATTGAC  
AAGCCGACCCGCTCGCGGGCTTAACTAAGCGTTAGGGCGCACGGAGGTA  
GCATCGCAATGCTCAAGAGGGCTAATCAACGCTTCGCTAAATCCAAGGCAGACAAA  
GACATCAAGCAAGGCCTCGCTCGTTCAAGAAAGGTGGCTGGCTATCGATCTG  
AATCAAAAACCACCAAGAACATGAGATCGTACAGTTACTGGCCATTGAC  
GATGATGTCCTCAACTAGCTCTGATCCGCGATGGGGCGGAAAGCCGCAATCTGCCAT  
GCTCGACCTAATCTCGTGGTCTTGCAGACACGGAGGCTGGCCAAGG

GAAGTTGCGGCCATGCGAGAACCTAGGAGAACAAAGCGTATTCCACAGCACA  
CTGGCTGCGACCTAACAAATTCAAGCCGAACCGGCTCGCCGGCTGGCTTAATT  
CAGCGTTAGGGCTCACACACAAATGCCAGCACGTCTACCAAGAAACCCTAGAC  
GAGATGGATCTGGCCTGACCGCGCTGGCGAGCTGACACCACCGCCACATGCCGT  
CCCGTTCAAGGGGGTTTGTCTATCGTCATATCGAGCAGCTCCTCAGCAAGCGAT  
CGTCCAAAAGCTTGCTCGCCTGCCATCTGGCCTCGTGCAGCGGGCTCGCTTGA  
GTCTGGATTCTTCAAGAACAAAGCCGCTTACAACGATTGATCGATGAGATCGGAGA  
AGACGTCACTTCCTGTCCATTCCGCTCATTTATGGCGGGGAGCAACCGGTCCATAC  
TGAGTACCTGCAAGCTTCTTGAGAACAGAGTTGATCCTGCGACAGGCTACCTAC  
TACTCAAGATCGTCCGATGGTCAGGCGAAAAAGATTGCGCCTACATTGCGCAGTC  
CCCAATAGCAACTCCTGATCCAAGTGGTCACATTGGCGCGTCAAGAACGCTCAGCA  
AGGCATACTCCGGCTATGTCACGCCGCGTACCTCAGATAATGGACATGTACGGTG  
GTGATCCGCCGATTCCACACCTCCGGAATGCTAGGTACGCCACGCGAGCCAGAA  
CATCGTCAAGATATTGCAAACACTACTTCTATCGTAGCGCTACTGCGTATGCTGTGGCT  
GCGCGTGTGTTGGCAACCAACCTGTTCAATGCCCTTCGCTTGTCAAAT  
ATGAAGCGACCATTGGGATCAGGTAGTGAGCCCTAACAAATTCAACCCGAAGC  
CGCTTCGGCTCGGCTTAATTGGTGTAGGCCATGGACACAGATCGGGCATC  
CGCAGCAAAGAGCTATCAAGAGATGCCAACCTGACGCTTGGGGCTATCAGCTCA  
TTGAGGCAGTGCTAAAGACCTACTTGCAGGAACTACTTCAGCATTGCCAAGCATCGCT  
TAGGTATCGACCTGCACTTCGGTTCACAGGCAGCGACTACGACAACGCAGCGCTTG  
GTACGCTCCTGAAAGTCTCGCTAACAGACATGCTCAGACTCACAGCTGTCAAAGACC  
TTCAGGCCGAGATTCCCTACCGAGACCACTGGCCATCAGCGTCACTCGTATGT  
TCAGGCCGAGCCGTGCAGTTCTGAAGAAACTCAAGCAGCTTGGGAAGAGCTTCA  
TCCGCAGTGGTTATCTCTAGTCTGACTCGCGTAAACAATGTGCACGATCTGCT  
CTTGGCGCCCTACCGCGAAAACCTGGGCTTGGCGCTAACAAATTCAAGCCGA  
ACCCGCTTCGCCGGCTTAATTAGCGTGTAGGCCCTAACAGAATGCCG  
CAGACGGAAACTGATCCGTCTGCCGATTGTTAGTATCACTCTCGGCAATGATTGT  
GATGCCACGTTCACTGCAGTGTGCTTGTGGCCTACGGAAAATCCTGCCGC  
TTGCAACCAATCTCGCTCAAACGCAAGAACGGTACCTGTCTCGGCAGGGTCCGGC  
GCTATACATCTTATGCTTGTAGACCTGATAGCCAACGGTTAAAAACGCA  
GTTCCGGCTGCCAGTCTTCTTACGGCCATAGGGCTCTAGCGGATTGTTG  
AGTTACGCCCTGTTGAGAGGGCGACCGAGTACTCAACACGCCGCTAGCGGACGCC  
CCCAGCTTCCCCGGCAAGCCGGTCTGTATGACTGGACGCTACTGCCCATAGAA  
ACTATGGCGAAAAAAACCGCGTTCACTGCCGACTGCTAGCGGAAGGTATG  
TTGAGTACCTTAAGTCAATTAGCGCTACTGGCTTGGCTCAACTGGGGCATG  
GGCCTAACAAATTGTTCAAGCCGACCCACATCGTGGCAGGCCAGCGTCTTACG  
CTACGCTAGCACGTACTCGCTGCCCGCTGCCGGCTTAATTAGCGTTAGGC  
GGTGGTGGAGAAAACACCTGGCGTTACCTCGTCAGCTGCTCAGCACGCACGG  
GGGGACGTCGGTTCAAGATCATGAGATCGAGCAGCAGACGCTGAAGAACAAAG  
TCGCACTTATCAACCCAGGCCTCTGCCAAACTCCAGATTGGCTGACAGGAGTAGTT

GAATGCCCATGCAGCGATGATGGCGCTAGACTCGGTACAGCAATCCAAGGGTG  
TGAGCCTGTGGACGGGATGCAACACATGGAAACCAACATGACCAATCAGCCCCAAA  
AGGGCGAGTTTCGAGCTGCCGGACGGCCGGTGGAGGAAAGGGCCACGGG  
GTGATCTCGAAAATGAGCAGGCTTTGACGCCGCCCCGGCTTATTTCAGCCG  
GACGAAGGAGGATTCCCTCCGTTGAGAGAGACGCCACTATTGATCTACAACCCCATG  
GAAGGGCGTTACCTCAGGATCTAGAGGGAGGCTCAGTGGCTACTGGCTGGTCTCC  
GAGCGGCTCCGCAAGGTGATGGAATCTGTGGATGCGGAGGCCTCACCTTGCTGAT  
ACTGACTATCGCTTGGCCATGGTTCAAAGGTCCGACCGTCTTCCTCTGCGATGTG  
GTTCGCACGTTAGATGCTTGGATGAGGAAGCCTCGGAACTCGATATAAAAATCAGC  
GACGATTACGAGGCTGGAAAGTATTACAGCCTGCGGGTGGTAGTCGCTGGCTTTC  
AAGAGTGACGTGCTCGGAAATGCGCATGTATTAACTTCCGTTCAACGATGGCGTC  
TTTGTGATTGGGTATTCAAGGAGGCCGCTGAGGCCGCGGTATTGGCGCTAATGGA  
AATTCTGACGGCTATGGCTCTACGACACGGTAAGTGTGAGCGGAAACACTCAC  
AAGGAAGCGATGATCTGCCATTCTAACCAACGGATGCTGGCGCAATCTGTAACCT  
GGCCAAGCCGACAGGAAGGTACCGAGCGCCTGAAGTGAGCCGAAGTCTTGCGGC  
ATTAAGAGTGCTGGCTAACTGATCATCGTGGCCCTGCAGAACGTCGGTCTGCGGC  
TAGGTGGCAGCCCGATGCTCCACTATCTAGGCAGGCAAGTTGAGGAGTTAACG  
TGTTACGTAAGTGAGATCAAAGCACCAAAGATGAGGTGGAACGTATGCAATCAA  
CAAGACCTAATCAGCCACGCCGGTGCTTCTATATGTTGTCGGACATGGAGA  
GCAACGGGCCGCGCTGCCGGAGTGGATTACCGTTGGCCGATGGTATTAAGGGGCCGC  
CGTGTGATCCTGCGTCCGCAAGAAGGCCGTTCCCGATGCTGAGCAACC  
AGATGACTTATGACCCATTGCAAGGTCCGGAGCCTCGTGTGAGGCCAGGGTTCG  
GCGGTTATTGGTTGGTGTCTGAGCAACTCCATGACGTGCTGAGGCCAGGGTCA  
ATGCCCTCGCATTGCTGAGGTGGATTACCGTTGGCCGATGGTATTAAGGGGCCGC  
GTCGCTTCTTATGCGACGTTGAGAGAGCTGGATGCCCTGGATGAAGGATTGTCGA  
GGCTTAAGATCAAGGTCAATGACGATTATGTGCGTGGGAAGTTCTATTGTTGGGG  
GCGGAGCCAGCCTGCCCTCCGAAATGAAGTCTGGACAGTCGCATGTGTTCCGGT  
TGCCGTTCAACCGTCTGTTTGAGGATGCCGTTAAGGACGCCGTTACGAAG  
CTGGAATACCTGACGTGGCAGAACCTAGCGGCATCTTCATCGACGCATCGGATA  
TCTGATGCAATCAGCTGACAAAGACGGACCCTAGATCATGGCAGGCAAGCCCCTCT  
TTCAGCAGCACACGGCGTCGATCAGAAGTCATTGAGATTGATCCCTTATTACAGG  
TGCTTGTGACAACGGTCGGTAAATAAGGATGCCGCAACTATGATTAAATTGCA  
CAAACGACAAGGCTCTGCCGTGCCATTGGGTTACGCCACATACAGGACGCCAT  
ATCAAGGAATATTCCCTGGTATGAAAGATGCCCTCGAAGACTGGCGTCCACGAAA  
GACGGGCAGGCATATTGCTCCAAAAGCCTGATCCTGATGCCCTAGATCGAGTTGCG  
CTTAAGGTTAGCGATTGAGCGACACCGTGCAGGTTGCCTGATCAATGGCAGCTTG  
CGCACCAACAAAGCGCTGGGGCAAAAGATAGACCAAACCTCGAGCTGTCACCCGGGC  
ATTCTCGCGGGCCGGACGGCTACGCCCCCAGAACGCGACGCAGTTGGATGCAC  
ACGCCAGGCCAGTGCCAATGCACGCCAATGGGGCGGAGTGACACACAAACGAAAG  
CCGTATCGTGTCCACGTTGCAGCACTTCACAGCTCTGGACAGCCGCTGGCTGG

CGGCGACCTCGATCTCAGGCCATGGGCTATCCCAGGCCATGCCGACGCTTACCA  
CAATGGTCGCTTGACCATGTCACCCGGTGGCTGGCTGTAGTGGAGAACACCTTGGG  
CGAGGAAGCCGCCAGACCTTGCAGTTCCCTCGCGGTCAAAGCGGTGCCCGTCCA  
TGGAAAGTGTGCTCGGCAATGCCTCGGCCAGCACCCCTGGTGCCTGGGTGGCTTGC  
TGGCGACGGGGCAGACGCAGTTATTACTGCTCGCCGTTCCAGTCGGTGGCGCTGGGCGTAGCGGCTTCG  
CAAGGCAACGCCACCGCCCGCAATCCGAGGTACCCATGCTTGGCCCGAACGC  
GGCGGCTGGGCCGGTGGTGCCTCCAGTCGGTGGCGCTGGGCGTAGCGGCTTCG  
TGCCTGCCGCTTGGTTGTGGCGACGCCAGCGCTGTTGATGAGCAAGGCCTCGACAAAG  
GCGCCGACTTGCTGGACAACCGCCCATCTACCACCAAGACCGACAAGGCCGGGTG  
GAGTGGCAGTTCAATGGCGGGATTGGGAGCGCCAAGGCCGCTCGACCTATCCAG  
TGGACATCCCACCCAGGAAGCGGTGGGTGCCAGCTACGCCAAATCCCAGGAACTGG  
GGGCCATGGCCAACGCCAAAGCCCGAGTTCGCGCTGGCAAAGCGCCCCCGCCG  
CAGGACCCGTTCAACTTGCCTGCCAGCCGGTGACCGGATTGGGTTGGACAATCA  
AAATTGGCATCGCAATCCAGCCACAGAGACGTGGGAGCGCCAGGTTAACGACCGCG  
TGGCGGGTGCAGATGATCGCGCGTCTACCAGCCACAAATCGCAAGCGCGAGCAG  
ACACAACGCTTGAATCAGGAGGCTCTGGCCCGATCGAGACCAACATAGGCACCGG  
CCGTGAGGCCATTGCGCAGGCCTACCTCGAAAGCCATGCCGCCAGCGCGGGCAAG  
ACTATGGGGTGGCGTTCTGCCCGTGGAAAGTGCTCTGCCAACGCCGGATCGGG  
TGCAAGGCCACGATGGTCAGACCTACCAGCGCAACGAGTCAGGACAATGGCCGGC  
AAGGATGGCGTTGCCAGCGAACCTGGCGCGAGCTGGAGCTCACCAACCAGAT  
GGCCAGTCTCGCTGGAGCGCGCTCAGGAGACCCCTGGCGCGATTGAAGCGCGTC  
CGGCACCCACGGCCGAGAGATGGAGCACACGAGCTGCTGCACCGTTACCGGGC  
GCAGGCCTGATTGAACGTCAACCCGAGACCCAGCAGGCCGTGGAGCTGGCCGC  
GCAGCGGACCAGGGACGCCAACGGCATACCGGGCCGACCATGCAGCAGTTGCAGC  
GCAACGAGGCTGGCAATACGGCTATGACAGCCCCATCGCACACCTGCAGAAAGGG  
CCCGATGGCATCACACGCGTGGTGGCTGTGACCAGCAGCGATGACATTGGCAGGC  
GCTGAGTGAGACGCAAGGAATCGCGAGAATCGCCGACCCCTGGCGCGTGTGCTT  
AGGAACGGCAGACGCGGACACCTCGACCTCCGAGTCGCTCAATCCGAGCAAGTG  
CTGGATATCCAGGCACGTATGCAAGCCTCTGTCCGGCGCAGGCCAGCAAGAACG  
CGAACAGCAAGATCGCCTCGCGCAAGAGCAACACACAGCGCAGGTGCAGCAGCAC  
CTCCAGCAGGCACAGCCGGAGCACGAAGACAGGTACAAAGCGAGCAAGCGCTCC  
AGGTGCACACAGCGCTGGAAGGTCAACGCCAGGCCAGCGAGCAGCAACGCCAACAGGA  
AGAGCGCCAGGTGCAGGAGCGCCAAGCGCAGACCAGGCCAACAGCGCAGACTGCAG  
GAACATGAGGAAAGGGACGTCCAGCAACGTCAGCGCAAGAGCGCCAGGCTCAGG  
ACAACCAAGAGCGCAGCGAGCAATACGCCAGGTCAAGAAGCAACGCGAAT  
TGAGGTCCAGGAACGTCAGGCTCAGCAAGCGCAGGGCAGGACGAATTTCAGCAAG  
CCTCGCAGCAACCAGACACTCAGCGGAATGCTCAAGATGCCCGCTGGCTACCAA  
GTAACGAGTCCTCAGTCGCAACAGGAAAACGCGGCCAGCGGCCAGAGACACAGA  
ACCAACAGACAGGCAGGGAAATCTGGCGCACGACACACCTGACCCACTGAAGCAGACG  
CCCGGTCCAGGTGACGCGCAGCCGATCAAGCACAAGAGGCAGAGCGCGCGTGG

AATGCAGGCAATGGAGAGCCGCCGCCCGCAGGTGTCTTCCTCCGAAG  
GCCCGGAGCAGGACAGCCAACCTCCCAGAGCGTGCAGGCCATGCGGGCTGTCA  
GCGCTGTCTGCCACGTCAAACGCAGCAGGTTGAGATGGAGCAAGCGTCGGTCCG  
CCAGCAAGATATGGCGCGTGAGCAGGAGGCAGCGCCGGTCGGCATGGCCAAG  
CAACGCCTGCACAGCAGAGCCGGATTGCATCGCAGTCCGCAGCGTAGCAAT  
CCTGAGCAAGAAACGAAGTCAGAGCAGAACCGTCTCGGACATGTTCTCGCTGA  
GCATGACCGCCAGCGCTATCGCCTGCATACCTCGCAGGCATACGGCAATCGC  
TGGGAGGTAGCGTAGAGAATCGCTTCCAAGGAGCCAGCAGACCGAAAACCAG  
CAGGCCAATCGATCCCGGCCAGGATCGCAGCGCCAGACCCGGTGGCGCCCT  
GTTCTTGAAGAGACCATGCGCTCGCTCGCCAGCTGCAACAAGAGATTGAGGCGG  
CCGATCGGGAGACGAACGCTTCCACCAGGAGTGGAGGAGTATCGCAGCGCTGGA  
GAACCCCTATCCCTCGTTCGCGACGACACACGAAGCGCGAAGGCGCAAGCCTGA  
TGGGTTCCCGCAGCACGAGCAAGCACGACGCTCTCCAGTGAAGCGTCGGCAA  
CCGATGCCTCCCACCTCTAGCCCAGCGCTCCATCGGTCAGGGGAAGGGATGCG  
CCACACGACTCTCGCAGCCTGAGCGAAATCCATCACGGCGACCCGGATGTGGA  
CGAGGTGCTCTACGCGCTCGACAGCAAGAACGAGTTGGCATTGAGCAGCGCTAA  
ATCGTGTGGCCAACAGCGCAGCAACCCAGGCCTGTTAAAAAA

>CONTIG\_40\_length\_9096\_cov\_39.003122

GATGCGCTGCGAAAAAAAGTGGTAAGCGCACCGCGCGTACGCTGGTGCAG  
TGGATCGGGCGCGGTGCCAGCGAGCGTGTGCCTGGCAGCGATCGGCATGAGCG  
CAGTGCCTGCCTATTGCCCGCGCAAGACCGCAATGGCGAACTTCGCGAGCG  
TTCTTGCCTGGCGCATGCCATCGCTCGCTATGGCGTGGGATGATCTATCTCAA  
TGCACAGGAAGGGCGATCGTAAGTACAAACGCGTGGAGCGGTTGTACCGCG  
CAGCAGCTACAGGTCCGGCGCAAGCGAAAAAAAGTCCAATAGGCGAGCG  
AGCCGCTGCTGGGCCATCGCAGGCCAACCAGGTGTGGCGATGGACTCGTGT  
ACCGCGCTGCCGAAGGGCGGTGATCAAGTGTCTGGTACGTCGGACGATGCA  
CACGAAGCGGTGCCATCGACGTGGAGCGCGATCTCGGACATGGCGTTGCG  
CGTGCCTGGATCGGTTGGCACACAGTCGCGGCTTGCAGAGGTGATCCGCA  
ACGGCAAGGAGTTTGCCTGCGTAAGGCGATGGTCGCCTGGCGATGCCGTGG  
CAGTTGCCTGATCCAACCCGGAAACCGAACAGAACGCGTACGTCGAATC  
CAATGGCGACTACGCGACGAATGCCCAACGAGCACTGGTCCGACACTGCT  
ACGCGCGACCGAAATCGAACGCTGGCGACGCGAACACAGGAGGACCGAC  
AAAAGCAATCTCGGGCATGACCCGGCTGCGTATGCCAACATCTGGCAA  
ATATCATTACCCCGGACTCTAAACCAAGCCACTACTCAGGGTGGGGGACGT  
AATGCTCAACCGTCTCGCAATCTCCAGAGGCGCAAGCCGGACGATCTTCT  
GTTTCTAGGCTTACCGTGACGACGCGCTGGAACATTCCAGCGGGTACCTTGG  
TGCATGGTTTCGATGGCCCAGTCGTTGGCGTATTGACGATGCCGTTGCATT  
ACGCGCACGGCCTGGCGCTCCATCACCCAGTCCAGCGCGGCTTGCCGTG  
TAGTCCCAGGCAGGTCTGGGATGTCGCGCAGGGTAATTGTTGTTAGATCACA

G TGCTCGGGT CATTGACGGATTTCCGGTGTCCGGATCCTGATCTGGCGAACTTCA  
TTTCTCGACCGGTAGTCGGCATCGATGAGTTGCCCTGGTATCGAGGGTCAGCG  
GATA CATGTCCACGGTTCGTAGTTGACATGCAATTGCCAGCGCGCCCCGGCT  
TGCTGAAGTGC CAGAAATCTTCAGCCTGCGTACACGCGGGATGCGCGGTAACTCCT  
TGCTGAGGTGTCGGTAGCGCTCGGGTAGTCCCTGCGAATGCAGGATGCCGTAAA  
TGTAGAAGAACAGGTCTGCTTACTGATCGTCTCGTCTGGATAGGCACTCTGGAAGT  
GGCGAGGCCGGCATCGGTATGGCCTCGCGCGACCAGTTCCCCTCGGCTTCCG  
GCTTCGGTGGCGAACAAATTGCTCTGGTCGGACGGGCTCATGCTCGTCCTCCGC  
CGCTCCGTAAAGAAATAGCGGGAGCATTGCGTGTCTCCCACCATGTGATTGTCGG  
CAACACATCCACCATCAGCACCGAGAAGCCCTGGTGCCGCTGAGCGTCAGGCAGA  
TAGCCAGATTCTCGCCCGTTTCA GGCTGCCATCCGGTATGCTCGCTGCTCGCT  
GCTGCTCGCTGCTCGCTGCTCGCTGCTCGCTGCTATTGCTGCAATTGCTGC  
CTCATACAGAGATTGTCGGAGCAGTGAAGTCCTCTGCTGCCGCTGCCCATCGAGCAGAT  
GGTCAGGTTATGTCGCCGGTACAGGAAAAACTTCGGCATCTGGTAGATCATT  
ATTGAAGCGCCGATTGAAATACACCCATTGCTTAGTGAATGGTCGGTACAGACTGAT  
TACTTGGCAAGCTTCTCGTATCCGAAGGTACGGCCTTATTCAACTCCTGCTTCAAT  
GAGCGAGTCCAGCTGATCCCGTGGCATCCCGTCAATGAAACCATCCACAGCCCG  
ATCGCGGATCGACTCGGCTGGCTGAAAACGCCGCTGCTGAAGCGAGCGGCCCTCCG  
CATTGTAGGCCAAATCATGCCAGACATATTCTGGCCAGTTCTCGAAGCTGGCGT  
TGTAGGCCAGGCATCTGGCAGTCAGTACACCTGCGAGAAATTGTCGAATACCT  
TGAGGCCATCGTTCTTTGTCGCCAACCGCATGCGATGAACTCTCGAAGCTGTCATCCCG  
CTGCCCTAACCAAGTCTCCGTGCTCGTGGCGCGATCGAGTTCCATTGTCACGCC  
AGCAAACTGACGTAGTCAGCAATCTCTCAAGCTTGTCTCTCGGCTCAGGTAGTC  
GCCGATATCGTGGAGAAGAAGATGCCGCGATGTTGGCGTGGATTCTGACGAG  
AAGCGAAATGGCGATGGCGCACGGCTACCGCTTCCGAAAATCTGCCGCTTCC  
GCGTGAAGTTCTCGCTGGTGCCTGGTTACCGCGCAGGTGAAACACGTAGATGTC  
GGAGAACTCCTCGCGAGGCACCTGCGCAGGCCATCCGAGTGTAGCTTCCAGAA  
ATCCGGCGTTGTCACGAAGCCGAGAACCCCGCATTGCCGATACGGTCGCTGGCCC  
AGCGGATGGCGCGGATGTA ACTGTCGTACAAGCCCTGGATAGCGTCGCGCTGCGAG  
CGTCCGCATAGGTTGAGCGGATACGTTCATCCAGGGCACATATTCCACATTGTCG  
TTGTTGTCGTTCTCGCTTTGCCAACCGAATACGGCGGATTCCCCACGATACCC  
GTATATCCAGCGCTTCTGCCGCTGCGCTGCGCTGCTGTTGTCACAGAAGCTGATC  
GACCAGATCCTCCTCTCATACATCTGAAACGTGTCGGTGAGGCAGATACTCGAA  
CGCGCATAGTCCGACCCGGCATACCGT GATACGTCGCCCGATATTGATGGCGGC  
GATATAGTAAGCCAGCAACACAAGCTCGTGGCGGATCTCGTCTGTACTTG  
CGCTAGTCCTCGGGTTGATCAGGCCGATTGCGAGCAGGCCGGTATGAACGTGCC  
GGTGCCTGGTAAAGGGTCGAGGATATGCACGCCGGCTGCCAAGGGTCTGCCAA  
ACTCCTCCGCAGCAGATGATCGACGCTGTGCAGGATGAAATCCACCACTTACCG  
GAGTGTAGACGATGCCGAGGCCTCGGTATCTCGGGAAGGCATTGCGGAAGAAC

TTTCGTACAGCTCCACCACGATCTCTGCTGCCGACAGCACTATCGATCCCTCGG  
CCCGCAACTCACACTGGCGTAAAAGCCCGCAAGGTGCTGCCCTTTGCAGGT  
TTGCGCATCTAGCACGTCCAGCACGTTGCATTGCCCGACATGGGTTGTGGC  
TGGAAAAACTGTAATCGCAAACAACGCCCGAACACCCGGTTGTGATCAGGTGC  
TGAGCCAGCATCTCGATGATCTCCGCATCGCTGACTTGTGCTCAGGTGTCGCGC  
AGCTCGGCCCGAAGTCGTGGAAGGCCTGCGCCCTCAAGCTGACTGTCGTTCC  
AGCAGCGCCTGATCCGGTCAATATGGGTCTGGCGATCCTGGCAATGTCGTTGCC  
CAATCTCCCAGTGGTGGCGGTTGCCGACTTGTCCACCACCTGGCGTACAGAGCC  
CGCTCGATCTGCCGACCTCAAATTGAGTTGCCCTGCACTTCAACCGGATAGTGG  
CCCTGCCCTACCAATACTGTGCTTGCCCTGCCCTGTCTGCCCTGTTGGCGACCA  
GCCGTGCGGATTCTCTGCACAGAACATGGCAATGGCGATGACTCCATTACTGC  
GGTCCGGCCCCACCAAGATCCAGCTGTTGACCATGGCATCGAACGGTCATCGTGGC  
TGCCTAGCGCCTGCAAGACCTGCCAAACTACGGCATAGGTCTTGTGCTTGAGCG  
CCAGATGCGGCTCGACCCGGAGGGGATCACTACCGGCAACTACATAGCCGCGC  
TTTTGCCCAAGGCAGTGCATCACCGGCCGACCGACTGCACCGACGTCGACCTGC  
GAGTTGCGCGGAGTCAGGAACAGCACCGCGTCCAGCGCCGGCACGTCCACGCCCTC  
GGAGAGGCAACGCACGTTGGACAGTACCGGGCAGGTATGGCGGGCATCTGGCCT  
TGAGCCAGTCGAGCTGGCTCCTCTGGCTGGATTATGCCGCATCCACGTGTTAC  
GGCTTCGCAAGTCAGGCGGGCGCATCTCGATATCCCCGGCCTCTGATAGGCCTC  
CACCACTGCTGGAACATCCCAGGCGATCTTCTGAGCTGACCTGTGAGCTTAC  
GCTTTGCCCGGCTCGATCACCTGACAGAACAGCACGCTCATGGGCTCCGG  
TGATTCAACGCCGTCTCGTGGATGCCAGCTGGCCAACGCCCTCCAGCACCCGAT  
GATCTTGGCCGCATCGTCCACGCGCAGGCTGTTCTCATCTTCAACAGGCTCTGC  
AGCTTGGGTTGATGTGGATTCTTCCACCGCCAAACGAAGACCTTGATGTCACC  
AGCAAGCCGCGCTTGACCGCCTCGGAAAAGTTGATGGTAACAGGGTCTCCCGTA  
CCAGTCCTCGTTGTCCATCGAGTACAGGGCGATATTGTCGCGCTGGCCACGGCCT  
GGCCTCGTTACCGTAGATGCGCGGGTGGCGGTATGTACAGGGTTGGCCCGCG  
GATGATCTGGCCGTATGGACCCGGACGAAGGCCTTCGCTGCTGCTTGAAGGT  
GGCGCCGGTGGTGCATGGCTCGTCGAGACTATCAAGTCGAACCTGCCAGGC  
CATGGTCGTGCTGAGCGTGATGGATGACGTCGATGGAGTGGTATGTGCTGAACACC  
ACGGTCATATGGTCTGCGTCATGGCGTGGCCATGCTACTGGCCAGAGTCCTGCCG  
CTGGTGGTGGCCGGTAGCGCAGCTCGTGGCAAAGGTCTGCAGGGCGTCGCTC  
CTTGCGCCCTTCTTACCGACTTCGCTGAGCACACGGCAAAGCTGTGCA  
CGCGTAACACTTCCCTGGTCCATTCACTGACTGGACAGCAGCGACAGGCT  
GGGCACTAGGAACAGCACCGCCTGCCCTGCCGGGATGTCTCTGCAATCTTGAG  
GCTGGTGAAGGTCTGCCGGTGCACAGGCCATGATCAGTTGCCGATCAGCCTG  
TTGCAGGCCGGCACGGACATCCTGCAGAGCGGCCGCTGATGCCGGCGAAGGTCT  
TTTCGGCTTACAATCACACTTGCTTGCTGGCTGGAACCTCGACCACTGATCTG  
GCTGTCTCCAGTGCCTGCAAATCGATCTGGTACCGGGCTGCTGGTCCACTAG  
CGCGTTTCGGCGTGGACCACTGAGCGTTGTGCTGAAAATGATGCCGGAGC

AAAGGGCTTGCACCTGAGGCGGTAAAGAAGCTGTCAATATCGTCTTCGCAGCTT  
GTAGTCGGCTGCGTAGAACATTGCACTGGATGGCGTGGATCTGCCGGTCCGGCAC  
TTCGGCCACCAAATCAATGCCGTACATCCTGGCGCTAAAGCCATGGGCCGGCGCCCA  
ATCGCCCCAGGTCCAGACCTGGGAATACAGGTCTTGTAGGTCGCCTCGTGCAC  
GTAGGCGAGAATCAGCTCTCGAAATAGGTGCCCTTCGCGCTCACTGACAGCAGC  
GGCTCGGAACGTGTCAAGAAGAATCGAAAGGTCGTACAAATATACTGAAGTAA  
TGCAGCCATGTTGGGAGAGCAGGCCGTGGCCAGTATCAAGCACCACACTAGACGTGC  
ATACGGCACCCACCCCGAATTACTTAAGTGACACCACCTTCTACGATCAGCACA  
CAGCCAAGCATACTAGCCACATCATTGGGCACTACCGCATCAACCAGGCAGGGCCGT  
GAECTCGCCGTGGGGACATGTACGGCTGCTTCTGCGCGCCCAGGTTGGCCTTGAT  
GCCATCAGCTTCGACATCCGATGCGATTGCCTCTTCTGTGTAGACGACTTGGTTAAC  
GGAGGACCGGGCGTCAGAGAATGTTATCGAGTGGCTGGAGCAAACATGACTTCCATG  
CGGCCTGCAGCAACCTCGACTTCATGACGTGGCGCGCTGGCGAGTCTTCCC  
CGATGTGGATCACTGGGCACATAGCGGAGACTGGCCAGACACTTGCAGGCCGTAAAC  
AAAGTGCACGCTATCAGCTATCACCTGCTGCTGTAGCTGTCCATGGAAGTCAAAG  
ACCCCTGGGCTTCAGGATCGTCACGCCAGTATCTATACGACGGCTGGCACCGA  
TGAGGGAGATGAAGCCAACAACACTGTTCAATTGCCTTACGAATGCCGCACCTGGCG  
TTTCCCTCGGTCTCGCAATAGGCATCCAGTGGCTTTAGCTCTGGCCTAGGTG  
CACGTTGATAGCTCTACCGATGGTCTCCAAACGCCCTCCAATTGATCGACGATCAA  
CGAAGGGTAAAACCCATCTAAACTGTGCGCACAGTTAGGCCATACGCCAT  
CCTGCAATGTCCCTCTGCTTGCAGCCTGTTTACTCTTCGCTTTGCTGAGG  
TGAGATTGATGCAGCAATCCGTTGGACATTGTAATCGTCGCTGAATCTCATG  
TAGTGCCTGCAGGGAAAAACGCCAACGTTAGCCATTAGCAGGATGGCTAA  
GCGTGGGCGCTGGTTAGAAACTGGTCGCAGGGTGGCCGATGAGACCGTTAGGCC  
AAATGGCGCATCACTGATCCAGCAGTTGAAAACCTCTCGCGAGTGGCGTTA  
TCCGTAGGGCTCCACCCATACACCGTACGCATCAGTCCCTACCTCTCACCTCA  
ACAAGCGTTATGCCGATTGCCGATTGATGGTCATTCTCGGCTTCGCCAGCAG  
ATTGATTTGCAAGCGCCTGCCTTACCTTGTACGCCACCGCCCTCAAAGCC  
GATATGAATCAGGCCGGCAGTGGTAGGGCGACGGTTAGCAACACGCCGCCAAC  
GTCCGTGAACTCAACCAGCAAAAGCGGCTGCTCATGCCAGGATGGACACG  
GCCCGGCCCTGGGCCAGCTCGTCAGCTCACCAGTATGCCGCCCTGTCGCTTCC  
TCGCCAGCGCCTGCCCATGCCCTGGCGTCTCACCAGCACTGCCGCTATTGCCGCATGACC  
TGGCCTGCTGCCCTCGTCTCCGCTTACAGCTTGTGAGCTGACATCCTCAGTGCATGGTTCCATCG  
AGCGCCAGCGCCGGAGCGGCCATTGGACAACAGCGCAATGACCTCTCATCCC  
GATCAGGACGGCGCTGATAACCGCCGTCGAGCGAGGCCACGCCAGGCCACAG  
GCCCGGCCCTCGCTCCAGCCATGCTGCTCGATGAGTCAGGCAAGAAGCGGCCGCTT  
ATGCGCCGGGTCTACAGCTTGTGAGCTGTTATGCTAAGTCCAGGTGCGAAGGC  
CGAGCTGGCGTACATGCGTTGAGCTGTTATGCTAAGTCCAGGTGCGAAGGC  
GCTGCACATCAGCGGCCCATGCCGCCACTTGGACTTCCAGACGTAGTACGTCG  
CGTCGGAAATACCCAGCTCACGGCACACATCCTGACTTGGCAGGCCCTAACCT

GCTTCAGCGTGGCGACGATCTGGCTCTGGTGAACTTGCTCTTGCATCATTGGTCT  
CCTTGCTGGCTAGTGTGCCGGAGACATCTAACTATGACTGGATCGATTTCAGGGAG  
GGCTGACACCACATCACCCCTTTGCTATCACTCGGCAGGAATTCTCATGACGAAAT  
TTTCGGTCACTGAATGTCATGCAGTGCCTCCGGGACAAATAAGCGCCCCACGC  
CATGCCATCCTGCTGGACGGCTAACGTGGGGCTGCTGGTTAGAAGCTGGTCGCAG  
GGTGGCGATGGGATCGTTAGGCCAAATGGCACATCACCGATCCAGTAACAGAGAGC  
TCCTCGGCGCGAGTGAGGCAGTGTCCGTAGGGGCTGCACCCCTACACCCGCACGCAT  
AAGACCTAACCCCCAAATTCTCGCCTCAGCAAACGGTTGATGCGGACGGCACCA  
GCATCAACTAGGTGTTGATCCCAGGCTTGTACACGGGAGCGCCACTACGACAGAGGCGATCC  
GTCGAGCGATACAACATAGTCAAGAGAGGCCTGAGAGCGCTGTCCAAGCGCTACGGG  
ATCAATCAGAAGACGGTGGCGAAGTGGAAAGAACGCTAGCTCGGTTGCCGATTTGCC  
AACCGGGCCGACGCAGCCGTGTTCCACCGTGTGCTGCCGCTGGACAACACTGCTCTACGC  
TCGTCGCTTCCGCAAGCACACGTTGCTGCCGCTGGACAACACTGCTCTACGC  
AGCCGAGCATGCCCGTCTGACCGCCTACGCTGCACCGCTGCCGCAACGCCATG  
GCATCTCGCGGCTCCCCGAGATTAAGGGCACAAAGCCCAAGAACGCTTCAG  
AGTTATCCGATTGGCTACTCCACATCGACATTGCAGAGGTGCAGACGGCGAGGGC  
AAGCTCTATCTGTTGCTGGCCATCGACAGGACGCTCAAGTTGCGTTCACCGAACTC  
CACGCCTCGGCCAACAGCTGGTGCAGCGCAGTTCCTGCGCAATGTGATCCAGGC  
AGTGCCCTAC

>CONTIG\_41\_length\_8958\_cov\_91.475031

GGAGAGAGAAAAGGGGAAGAAAGAGAAGAGAAAAAAAAGAAAAAAAAGGAAAGGAGA  
GGAAGGGAAAGGAAAAGAAGAGGGGGAGAGGGGAAGAGAACGGGAGAGAGAG  
AAAGGAGAAAGGAGGGAAAGAAAGGGAAAGAGAGAAAAGGAAGGGAGAGAG  
AGAGGAGAAAGGAGAGAAAAAGAAAGAGAGGGGAAGGGGAGAGAGGGAGAGGG  
AGAGAGAAGAGGGGGAGGGGAGGGAGAGAGAGGGAGGGAGGGAGAGAG  
AAGAAGAAGGGAGGAAGGAAGAGAGGGGGAGGAAGGGAGGGAGGGAGAGGG  
AAAGAGAAGGGAGGAAGGAAGAGAGGGGGAGGGAGAGAGAGGGAGGGAG  
GGGGAAAGGGAGAAGGGGAGAGGGAGGGGGAGGGAGAGAGAGGGAGGGAG  
AGAGGGGAGAGGGAGGAAGGGAGAGAGATAGAAAGATTGAGTGCCTCG  
AGCATCCGCATGCCGGCGCATTGCCAGTTGCGTACGAAGCCTATGCC  
GAAGGCCCGCGTGGCGGCTGCGTACGAAGCGATGAGCCGCTTGC  
CGAAGGCCAACCGTGCACGAAGCGATGAGCCGCTTGC  
ATTGCGTGCACCGCGTGGCGAGCTGCGTACGCGATATGGCG  
GTCAGCGCAGCGCATCGCGGGCGCATTGATGCC  
GGTCAAGGCAGCGTGCAGTCTGGAAAGCAGCAGCATTAC  
GCTGGCTGCATCCGGAAAGCGCAGACGCAATGACAGCG  
GCGCACACAACCGTGCACATGGCGAGCCTGTTTGATTAGGGTGGTGT  
GCCGGTTGACCTCGGCCCGCGTCAATCGATA  
ACCGTTGCTGCC  
TTGCCGCTGGC

GGGATTTCGATCTAGCGTCGCAGGGACCGACGGGCCACCATAAGACGTGGGCC  
ACTGGCGTGGCCCTGGATCCAGGAATCGCGTGCAGGATCATAAAACTGGCGGAG  
AGAGGGGGAGGTACTGATCCCATCCAACCTCCTGACTCTCCTACAGCCACGCAA  
CCAGGAAGGTATCCTGCCTGTGTTCCGCCATTGTAGCGGGTCCGACTAGCCCCGGG  
CTAGTCCGCTGTGCGTTGAGTCAACTCAGGCCTCCGGCGGTGCTTGGATGCGTG  
CCTCCACCCAGACTGGCAAGATGAAAGCTCTCAATTGCGAGTCTGCGTCGCCAT  
GGGTGAGACAGCGCGCTGTTACAATGAGCTGCTCACATGGGCTCTGACTGCACT  
GCTAATTCCATTAGGTTGGAGTGGTCACCTGTTCAAATTGCTAGCGCATCACTCGGG  
CCTTCTGGAGATCTTCTGTGACCCCTGCGATACATCGGTTCGAAGACTCGTTGGTTGA  
GGGCTTGGCACCGCACATTGGTAGATACTCTGGTCGCGGCCGATTCGTTGACCGTT  
TTGCGGGATGGGCTCCGTGGCGGCCTCTGCCTCTAGGTTGGGTGGGCCGCTTGCT  
CAATGACCATCTGTCTTATGCGACCATCATGAGTGCAGCGCGCTTACCTCGCTGGA  
TCAAGTCCGCTGGCTTGTAGGCTTGGAGTGAAGTACAGTCCTGCCTCCTGCAGCA  
TTCGAGGGCGCGGATAGAGCGCCGCTACTTCACAGAGGCCAACGCGGCTCGCATCG  
ATAGTTGCCGTTCGCAGATTTCGATTGGAGCAAAGAAGGGCTACTAAAGCCGGCC  
GAAGAGCGGTTGCTGGCGGACATGATGTCGGCTGCCAATCGTAGCGAATATT  
GCAGGGACCTATGGGTGCTTTGCCCCGGACCGCGCAAAGCCAAGGAGCATT  
GTTCTAAGGCCGGGAACTCGCAGAGGTCGGCACGCCGTAGATGTTCCGTGGC  
GATGTGATGAGCGTCGACGTCTATCCAGAACCGTTACCTCGACCCGCCATAC  
ACGAAGCGCCAATATGCCCTACTATCACCTTAGAGAGACGATCGTCCATGGTGAT  
GCGCCGATAGTTGAGGGTGTGCAAGGGCTCGGCCCTGGCAGCACCTAGCATCGGA  
CTTTGCTACAAACGAAAGCGCTGGCGCACTGTTGCTCTCATCGAGGGCATCAG  
AGCCCAGCGTGTGCTTCACTACAGTAATGAAGGCCATGTGGATCTGGCGAGCT  
AACCGAAAGGCTGCTGATCTGGCGCCGTGGCGTTGAGCCATTGGCGAACATTG  
GACGGTATCGTCTAACCGAGAAGGCAAGTGCAAAAGCGTCCGAGGTAGCGAATAT  
CTTGTGATTGTCGAGCCAAATCGATGGGCTCTGAGAAAAGAAAAACGCAACGGC  
GCGAAAATGAGCTCTCCGGCGACTATTGAACAAGGCCGCTGCGCGAGTGGCTGC  
GCTTGTGCATGCTTGCCTGGGTTTCGTTGAGCACAACCAAGATGAGGCCAGACTACA  
ACTCTTCCAATCGGTCGCCAGCGTCTGGTCCATAACGTGTCGGATTTCAAAA  
GGCTTCCGAAGGAAGCTGATTGCCGCCCTACGTGTTGGACAACGAGGCCAGCCA  
AGGTTCTAGCCGCCATCCGAATACGGGATAGAGCCTGCCCTGGCGCTGAGTGC  
TATCGAGAGAACGATCTCACCGTTGCGCAGCGAAAACGGCGCTTACACACC  
GACTTCCGCTGGCCAGCGCCTGGCGAAGAACATGGGCCCTAGCCTGTCAGTCGA  
AGCAAAGTGGGGATCCAGCCTCCGGATCAGGCATCCTCTGTTGGCTTGCACCTG  
GCGGTGTGCGGCAACGACCGCCCGCAGTGGCTGCGAAATGGCGTGC  
TGCAATGGACTGTCAGAACGATCATTGCGCGGGGCCACGCTTCTTGCAGGCATT  
GACTGATGACCTAAGTGCCGTGATTGAGATGCGCAGCCGATGGCTGGTTGGCGACA  
GTTTGGCCGTCGGTGCAGCAGCCTGGGAGCGATGGCGCCCAAGGGCTCGATGCA  
ATCGTGGCCAATCCTCCATGGGAGAACGTTGGTTAACCAAGCACGAATTCCCTCG

GATCGGGGAGCTGGTCGACATTACGGTCCGATGTTGAGCACTGGACCGCGAGGC  
CTTCGAGACCTCAGCTGGCAAGTCGATCGTATCGGAATTCCCTGGCACCGAGATT  
TCCTCTTGTTACGTGGAGAGCCAGATCTCTACGCCCTTATGGCGCTACTTG  
AACCTTCTGAAACCCGGCGGCCGCGCTGTGTTGGTCCAGGAGGCCTGATTG  
TCCCAGGGCACCCAAGCGCTGAGAGAAGCATTGTTGACC CGCGATCGCTTGG  
AGTTGCTGTTCGACAACCGTGCTCGGTTGGCATTGATAACGATTCAAGTTC  
TTGGCACTGGATTTCATCCAGCACGAAGGTGCACAAGCGAAGGACCCAATAGT  
CACCCGAGAGTCAGGGACCGAATTGGGACGGAAGTGCTGAGTCGAGTCCGGATAG  
GCCGCAAGGCCCTCGTGCAGTGCAGCCGGATTGAGCTTGCTGAGGTCCACAGCG  
CTAGCGGTTGGCGTTGTTCAGCGTCTGACCGAGTGTGGGAACGGATGGACGATC  
CTCGGTCTTTGGTATGCCAATTGCGGGAGGTCGATATGACCTCTCAGAGGT  
CGTCCTTGCGCGCTCAAAGGCAAGGAACGAGTGGCGTGATAGAGGGCCGTAC  
ATCCAGCAGCACCGGTTCGGTGCGAAAGCTTATGTGGCTGGCACGGACGCTCTGC  
AGTATGGGAGAGCCTCTTTGGGTGGGCGGAAGTGGTGCCGAGTCCACATTGC  
GCTTAAGGATTGCCGCCAAAGCTCAGGAGCGGATTCA GTGCGGAGGGCCGGAT  
TCTGCGATATCGCTGGCAAACCAACGAACGGTCAATGATGGCTGCATTGGTAGAG  
CCAGGATTGTCTCGGTAAACAAGGTGCCTACCGTATTGTTCTAACGATCCTGAC  
GAAGACCGTCTTCGTTGGTGGCCATCGTCAATAGTTGACCTCGATTGGATGC  
TCAGAAGGGTTCTTACCAACCACATCAACTACTCGTTCTTGAGTATCCCCTCCC  
GCCCATCAAGCCCAAAGGTCTCCATGGAGGCCTGGCGACCGCAGCTCGAGAGC  
TCCATGCACTTAACCTGGCTCCCCAACGGCTGAAACTGACCGCACAGCGCGCAG  
CTCGAGTAAAATTGAGGTGAGGTGGCCGTGCCTATGGCGTCACCCTGCAGA  
ACTTGATCTAATGTCCTCCGATTCCCCTGTTGGATAGGGGGCAGCCGTTGGA  
AAGAGAACGGCGATCCACTATCACCTGGGATTCTGTGCTCGCCGGCTGCCGGCG  
GGAAGGAACCTGGCAACGGCGAGTGGTGCTGCGCAGGCGGTGGGCGATCGCC  
TTTGTGCCTGCTCAGCATTCAAGGTCTTGAGCCGGAGGAAGGGACAGTTATGGAGCA  
GGGCAAAGCGAGTCAAAGTAAACGGCAGGAATCGTCCGGTTCTGTGGAAGGAA  
ATCCTCCGGGTGACCTCAGAAAGTTGCGGCTCAGTCTCATGACGCCATACAGGC  
GGAGGTGCCGAGACCTCGGTTCCGGAGATCAGGATCTAAAGGCAATCATCCT  
AGACATGTTCCCGTTCAAGAGCATGCGACCCGTCGTAGGAACAGCGTCGCCACCA  
CAATCACCCGTTACAGGGTCAGTTCTGCTGGAACCTCCGGAAAGCGCGGGACTAAG  
CAAACCCACTCCGAAGCGGCTTACATTGAGCCCCGACTAGCGCTGGGAAGGC  
ATGGCGCATTACCGCGCTCACACCTATGGGTTTCAGGGATCGGCCCCAGCCGT  
AACAGGGGGCGACCGTGTGCTCCTGCTGATTCA GACCGACGACGGCAACATCT  
GGCCCGCTTACAACATGAGACCTCGCTCGCAAAGACAAATGGAGCGAAGCGGTG  
AAGCAGAATATTGGGATGTTGGACAGTAAAAGTCTGAACGCCCGCTTCTAT  
GGCTTCTTGACCTTCAAAATGGACGCACGCACTGCCATGTTGATTCCCCCTGT  
GAGGCTCAAGAACAGTCCTAAGGCTCCTGGCGTCTGCGAAGAATGTCCTGTTG  
CCGCCGGCGTTGGAAAAACGCGGCTCTGTGAGATTGCGGCCGTTCGCGAAT  
GGCAACCTGGGTCACAGGGCAACCGATGTTGAGCCACAATGATGATGTGGCCAT

CCAGGATGCGGAAGAAGCGAAGGTCTCAGAACGGTTTCACCAGAATTCTAAAT  
ATCGGGATTCATCACCGGGCTGCTCCGCCATAGCGAAGGAAAAGCCGGTCAG  
TTCACCATAGTGAGGGACACTTTCCCGCGCGCAGCACCGCGCCAGGAAGG  
CAAGTCTCCCTGCTCGTCATTGATGAAATCAACCGCGGCCCTGCTGTGCAAGTTT  
GGTGGCGCCATGGTGGCGATCGAAGCAGACAAACGCTTGGCTCCTGACGGCAAACC  
TCATGAACTCACGCAGTCTCGAGGTGATGGTCCGTCGTCAGGTTGATTGAAGA  
ATATGCGCTCCAGACAGGCTCTTATTCTCGCGGTCAGAACCAAGCCGACAGCTC  
AGTGGAGCCGATGGACGTTGCCTTCTCGTCGAGCCATATAGGCTGAACC  
TAACGAAGCGGTTCTCGCGCCCATTCCAGATCGTGGCGGTGAAGGCCGTGTT  
GCCTGAGGTGCCAGAACCAACCGATATTGAGAGGCAAGCGTCAGAGCGTGGG  
TAGCCGTCAACAAAAGGGTATCCATAGGGCGTGGCAAGGATTTCAGGTCGGGCAT  
GGCGTTCTGATGCCAGCTGGTCAACGGAGCTTCGATCAACGAAGCTACGACGTTG  
CTGGCGAAGGGCTGGACAAGGTTGAGCCCATGTTGCGGAGGTCTTCTATGGAGA  
CATCCGTAGCATGGCGATTGCCCTGAATGCGGCTGAGTCCCTGACTTCGACGGGTC  
GCCATTGAAGTTGGTTGAGCACACGTTGGCACCGAGCTCGATACGCGCTGGAGG  
GAGATGGCACCTGGACGCGAGACGCTCTGTATTGGGCCCTCCAAGTATTGAGGG  
CTGTAGGGCCAGATGGCTGATTCTATCGTGAGTATGGGCCGCCAAATCTT  
CTTCCTCCATTGCAGCGTCGATGGTAAGGGACTGCTGAGACAGCGGCCACATT  
TCCGATGTGGCGCACGGATTGCGGCCAACGCTCTCAAGAACGCTGCCGATTGA  
AGTGAGTGGCGCCTGCTTCCAGCAAGGTCGAGGCCTCCTCACTGGGCG  
ATCGTGCAGCTGAGATTGCTCCAAGTTCTGGCGATAATGCTGGTGGTACTGG  
ATGGCGGAAGACTTTCTTAGCCATGCTCTAAACATGGACACGTTCTAGCC  
TCTGATCGTATTGAGCGCACACTGCCAGAAAGCGATCTCGATTGCTGTTGGCT  
AGAGCAATCACCGAGATGTATTGGAGCATACCAACCGCCCAATCAGATCCTACAA  
AAGGACCATCGAGCACGATTCTCGACGGTACGTTGACCCGTTGACCTGCG  
TGTCCCCGGGCCATCTGGCTATCCGAGGAAGTGATCCGCTTCAGCAAGGCCAATCG  
ACACAATGCTGTGATTGCGCTGCCGAGGCATGCCAGCCAGACACGTCCGAAATCC  
AACGTCCAGCGCAGAACTATCAAGAGTAAGGGCACATTGGAGGCCAACCTCGGT  
TGCCCCATGGGACTTGGTCAGCAGTCAGTGCCTGGACGTTCACGGCGTTGGCAG  
GCATTGATGGATCTCTGTTGACGTGGCAACGGTTGGCATGGATTCAACGAA  
GGAGAGGCAAGGGCGCCGGCTTCATAGTGGGACATGGCAGCTTGGCAAGACTT  
ACTCACGATTAGTCTCCGCCTAGCCTTGGGCGAGCAACGTGCGAAGTGGCAACC  
TTTGGTTCTGGCAAGCGACTTACCCAGGAGGAAGCACTGGCAGGTTGAATGTGA  
GGCCGGATACATCAATTCTGGATGGATGGCGGTTCCACCTGGATGCGAAATACA  
AAGGCCGCGTTGACCGTGGTCAGATGCGTGCAGTCGGACATTATGAGGCC  
ATAGCGTTCTATGGCAAGCGACGGATTGCCGGTGAATTGGCTTACCCACGGCTA  
GCTTCTGCGTTATTGCTTGTAGGGACGGTGGAGGTGTTGGAGCAAGTCCGCGTA  
TCTGGCTGCGAGTGATAGTCGCTGTGTGAAGTGCCTGGCATATCAGGGCGC  
CGTGCACCTCAACGCTGGTCACGAGTTAGGAAAGAGCCTAGCCAAGCTAGCTGA  
ACTATTGAAATAGTCGGCGTTGAGGTATGGATGTCCTGCGGAGTCATAACAG

ACCAACAGGAGGGTCTAATGGCAGCAGTAATGACGGCAGGTATTACGGAATCCCG  
GAGCGGATTCTTTAAGACACTCCCCGATGGGATTGGAAAAAGTTGTTGGTGCA  
TCCAACGATGATCCTAACGCTGGAGGCAGCTCGCACCTCGATAACACGGCTTC  
CGCGACTTCGAGGCTATTGCAAAGCATTTTCCCACCGTCACCCCTGTTCCGG  
GTCAGAGGAGGGTCGCGAAGACGGTGAATGCTATTCCGGCAAGTGCTGCACGG  
GTTCGGCTCTCAGCAATTGATGGAGCGTCGTTGAACCCCTACCACCGCTCGAGA  
ACTTGAGTGGAGATTGTCGTGTAACCAGCCAAGCCCCTTGAACAATGCGCATT  
TTCAGCGGGAAATGGAGATAAGGACATAATTGTCCTGGTCAGGAAAAGATTGGAG  
AAAGTGGTTGCTGTTTACAACGCTAAATACGCTGCCGTCAAGACAACATTCTGCAT  
TTATAGCAGCTGCCGTGCTGCCACGGCATTGAATTACGAGCTGCTGGCTTCTT  
AGATCTGGTACCGGATATCAAGAACACAATTGACTCGCTCAATGGAAGCAACCGA  
GGCAACTTCAGTACCTCCGTTGCTCTAGTCGGTTAGGCTAGAAACTAAGAAATC  
AGCGTCGCGTAAATCACATACAGCAACATGGCAGCCGCTCAGCATCGATGTAAC  
CCAAAAAGCTCCCATCACGGTCAGCGCGTCATGACCCACCAGCTGCCACCGCTGA  
AGCCACGATCGCGTGGCGGCCATGTGAGCCTCGAAAGCGTAAAGGCCGCTTGCT  
TTTCGCAAACCTCGCCGAGCCATGAGCGGCCAACGATGAAGCCTAATGGCCTAG  
GAAGAGCAGGCTGAGCGAGAACCAACAGAAGAACATGGTTGCGGGGTGGTCACCT  
TTTGGGGCAGCGCGCATGGCGTGTCTCGAGGAAGGCCAACAGCGCCAGCG  
GACGTTCCCACCATCGAGTCGGTTGGCTTCATTGGCGTAGGCCCTCCAGGTGC  
CGTCGCTCTGGCGTAGCGCAGGTTCTGCTCACGGGATGGGTACTTGGCGGCC  
CGATGTCGATGCCACCTGCCACTCGTGTGCAAGCGTTA

>CONTIG\_42\_length\_8859\_cov\_285.543747

TTGCAGCAGTGCCTGCTGCACCGTCACCAACACTGCCACCGGGGGTGCATGA  
CACGCCGCCACCCAACGCGTCCGCCACCGCACGGCCCACCGTCAACGTGCGC  
GCCCGCGCCACCCAACGCGGTGCAGTGGTCATCGTCAACCCGATCGCACCCAG  
CTGCCACCGATGCTGCCGCCAGGCCAGCACACGCCAACAGCGCAAAGGCCGCC  
GCATGCACCCGCCGCGCCGCCGCCGCCAGCACGCTACACCCTCTA  
CCCCGGCGCCCACGACCACGCCGGCAGCACGACGTGCCACGTCCGCC  
GTCTATGGCTGGAACAATTGGCTTGCCATGGCACCAAGCTGCGGATTACTGCCA  
GCGCGGGCAGTTGGTATAGAGGTGGCGAGGTGGAGGTGCCGTCAAAGCA  
CGCGCGTGCAGCGGTGATGCTACCGCTGCCAGGGACCTGCGATTGACCTCAGTC  
CGCATGCCACTAGCGTCGCAGCCACACCAGCGCACACGGACGCTCATGATGCG  
CGGCCCTCTACGCCCTGCTGCCACCCCTCGCTGGCGCATGCCACACGGCG  
GCCACCCAGCCCCGGCAACCGTCACGGAGACATCTGCCATGCGTCTCACCCGAT  
TCCGCAGTCATTCCGCTGGCAGTGAATCTAGCGGGCGATACGAACGGCAGAGGA  
TGCCTACCCGCATGCTGCATTGATTCAAGCGATTACGGACTGACGATCTGAC  
ACCTGACTACCTGCACTCCAAATGGGGTTCCGGTGACGCATGCGCAACAGATC  
CCAAGCGTTACGGCGCCAGTGCTCCGCTTACCAAGTGAAATGGGGTACAGCTTGGCA  
TGGACCAGACGCCACTGCCGGCGTTGGTCAGTTCACCTTGTCCAGCGCAAG

CGGGTGCTTCCCCGCCATGACGGAGACTGCAGGGTCGATTCGATACTTTACCA  
AGAAGCTAGAGAGCATGGGTTGTGCGTCAACGCAACATGGTGAAGACGGCGA  
TGGATGAGTGACTTCTTCAGTCGCCAGGCATGCGTGGAGGTGTTCCACGAGGT  
GAGGCCGATGCCCGCAGGAGCGGGTGGAGCACCACTGCGTTGAATGGATCTACAT  
TCGTTAACCAAGGAACGGTCATGCCATTGAGTCCACAGGCAGCGATTGTTGAT  
GACTTCGGCCGCCAGCCAGGCAGCAGCCCCAACATGCGTCAATTGCAGGGTGTG  
CTCGCCGCATGCCCGTTGCTTGAACATTCAATGAGGCAGGTTCCAAGCAGCGC  
GTGCTCGGCCTAAAACCCCTAACCGACCGAACATGCAGGCAGGAAACGTTACGCCGG  
TGATCATCCATCCGGTACCTCTGGCCAGGTTGCGAATGGACCTGGCGGGAAAGTC  
GCTCGACTCCGGTGGAGATGACGTTGACTAGGCCATGAATTGCAACATGGCCTATA  
CAGCACAGCCGAGCCGCCTCTGCAAAGATTCGAAACCGCTGCGGTGCAGACAG  
CCAAGACCACGCACGACTATTCTGACGCAGCCAGAAAGTGCCTCAAGCAACCGT  
ATGGATGAAGCGAGTGCAGAAATCGCAGGCTGGAATGCAACCGTTAGCAGGGTAAG  
GCAATCAAATCCGCATGCTCCTTGGAAAGATATTATCGGGAAAGCGCCAGGCCGTAT  
GCATGACTTCATTGATGGACTGGCGGAATGCCAATTAAATTACGCGCTCAAGTC  
CAACCTCACCTGAACGCAGATAGGACGATGCCGCCAACGCTGCCAACGTCGAGG  
CAATGGCGTCAACTTCTGACAAGGCTGCAAGAGCACTCGCATTGGTCACGCG  
GGGCAGTCTGACTACGCCAACCACTACGGCCGTGGTGGTTAACAGCTGCCATCT  
ACGAGCGTCACTACAACAAGCCCAGGCCGGCATCCAGAACAGCAATGATCCTG  
GACATGCAGCGTCTGGGATTAAAAGAAGAAGTACTGGAACGCAACGGCATCGACCT  
GGGCAGCGATACGCCCTGGCATGCCCTACCTCGACAGCACGAGCACGCCACCGACGC  
CCGGCCTGTTCCAGCACAGCAAGAACATCCACTTGCACGTGTCGCCATCTCCGTGC  
AGGAGTTGGAGCACGAGTTGCGTGAGCGCAGCCGAATCACAAATCATCACCGCG  
CTGTCGCCCTCGCAGCCTGGCACGCCGATCGCTGTACCAACAGATCAAAGG  
CGCGTAGAAAAGCTCGATGCGAACATGGCCGGAGTGGATGCACTCGAGTGGC  
GCATGACGGCAAGCCTGCTTGTGCTGCAAAGGAAGAACAGCTTATCGCGGGTAGAC  
CATGTGCTGCTCAACAACCCGACAGACAAGCTCGCCGGAGAAAAGGTGTTCT  
GGTGCAGGGCACCCAGAGCGATCCAGCGCACCACCGTGCCACATGGCACTGTGC  
AGGCAGTGCAAACGCTGAAAACCAGTCGTTGAGCGCGTGCAATCGATTAAATCAA  
GCCCAATCGCAGGCACGGAGCAGCACAGCAAGCGCTTGAGCAATCGAACAGGAAG  
TCCCTCCGCCTGGACCAACGATGACGCGTTGAGATCGTTGCCGACATGCTGCAA  
GGATTGATCAATTGCGAGATAGAAGGTTTCTCAATTCCCTTGCACAGTCCGCT  
CCCCACAGCACCCAAACGCCACCGATGCTCGCCGGAGCCGGACACAACGCCGC  
AAAGCCCCGGCCGTTGCATGCACCCGCCGCGCCGCCGCCGCCAACATGCACC  
GTCAGCTACACCCCTACCCCGGCCACGCCACGCCGGCAGCACGTGCC  
CCACGTCCGCCTCAGCGGCCTATGGCTGGAGCAACTGGCTCGCTATGGCACAAA  
GCTCGGGATTACTGCAAGCGAAGGGCAGTTGGTATGGAGGTGTCAGCGGTGG  
AGGTGCCGGCAAAGTACGTAGCGTGCAGCGGTAGGTGGAACGAAGTCGCA  
GGTATCGTGCCTCAACGCGCCGACCGTCCGACCAAGGAAGCTCATGATGACA  
GTGAAGGAAGATGAAATCTCAGGCCTTACATGACCACAATGGTGGCCAGGTATGCG

GATGTTGATTGCTTCCTACCATTAGCACTTCTCGTACCTAGCTAGCGCGGTGTCA  
GCGACGAAGGCAGCGTCAGCCTGTCATATCCCACAGAACTCCATGGCGTATGGGA  
CTTGGGCAAGGAATTCTCATGAAATTAAAGTCTGTTAGCTGCGTGACGCTGCGCTG  
CTCTTCATCACAGGATGTACGGCGGTCTCGCTGGCGCGACATGAGTGCATCC  
GGCGACTCGCTTGTGAGCAGTCACGTGGATGGGGAGTCAGGGTCACCCGAGC  
CATAAAAGGAATCCACAGGTCTCGAAGATGATAGCGGGCGTCTTATCGCTTGA  
TCTGGTGGCGAGGCAGGGTGCAGCGCTTGTGCTAGTTGTGGATGGGGCTCGTA  
TGCAGGAATGTAGCTTGAGGTGGCCCAGTCGGACGGACAAACTATCGCTCTCAGA  
GATGTCCACGTTGGCCTTGGGAGACGCAGCAAGGGCTGTATCTGTCTACCGTAT  
CGTTGCCCGAAGGACAAGGCCAGAGGGAAAGCGGAGAGTCGTGAAGGTGGGT  
AATCCGCCCGCAGAGATGTCAATCAGATCGGGATTATTCTAATTAAATGTAGTT  
TAGATAAGGAGATCAGTGATGCCTATCAACTATCGCGAGCTGTCACCCCCACCGTC  
TTCGTAGATCGGTCTGAAAGCGCAGCAATCCGAGGTGCGCTGTGCTGGCGGAACA  
GGACCGGATCAGCCGGTGGTGTAACTTGTCCAGCCTGGACACGTTGAGGGTGCAT  
GGCGATGAAGCGTATTGGACATAGGTGTTGGCACTAATTTGCAGGATTCTTCT  
GTTGCCTGGTGCAGTAGAACACAGCCGAAGCTGGTAGCCAACAAGCGGAGGCCA  
CTGCTGCAGCCCTAGTCCAACGCCAAGTCTGATGTCGCCGCCGAATCGTCCC  
AGGTTGGATCGGAACCTATGTCAACGAGGGTGGTGGGACGTCGTTATTGAG  
GCACCAAAATCCAAGGATTCCGACGTTTCAATTGGACACAGAGAATGTCGATAGC  
GGGTGTACGCTTCTGGTCAGTGGATAAAAGTGGCAGTGGAGTCGTTACGAAGGT  
GCGACGCCAAGCCAATGCTCACTGCGCTGAAGGCCAGCCGGTGGCGTGGCGT  
CAATACCTGACCAAAGCACAGTGTCAAGGTCTATTGCGGAAGTAATGGTAGCTCGA  
GGGAAGCTACAAGCGCGTCTCAAGCTGTGCCGGATGCAATCGAGAAGGCC  
GTCATGACTCAAGCCTCTATGATCAGAAGAAATACGCTGAGGCCAAAGCTGCGC  
TTGCGCTATTACCAAATATTGCGTGAAGACGATGGGCTGGCGAAGAGGGCGCA  
CTACGAAACGATTACGCGCTAACGCTCTACAAGTTGAAAGATAAGTCGGAGTC  
GTCGGTTCTATCCAATATAAGCAAGATACTGCCGCACGGATGACCAAGGAGATT  
TGGGATGGCGCCAGCGGTGTTGACGACTACTTGGCGTCATCCACGCTGCACGC  
AACATAGCGCTTGCAGCCGTTAATTGATTGATTGATTGTTAGCCAAGGAGAAGG  
GCCACACGAAACAGGACAACCAGCGCCACCGCAGCTGAGTGACAACGAAC  
ACGCTGCTATTGCGATGGCGTTCTGAGGGAGCATGGCAGGCAAGAAC  
GTTGCCTACAGGCTTCAATTGCGGCTCCATCAATGACGGCGTGTGAAACCC  
GGAAATAGCGGGTTTCAATCGGGACGCTGCAAACCGATCTGGCAACATCC  
TGTCGCCACTGGTCTGGTGTGCTATCAAGGGTGGCCAGGCAGCAGACAC  
CTGTTGCTTCCGGAGCAGCAGCGCACGCAAACCATCCATGACCTGCGAGCG  
GCCATGCCATCAAGGCAGGAGAATGGAAGAGCCCTGATGGAACGGTAAATCAA  
ATTGATCGCTTCCCTCGCCTCTGACGAGGGAGTCGATTTGTACATGAGCAT  
GCACAGGTCGAGCAATTGATGCGACCGATCTGATGCAAGAGTCGAGTTGA  
AGTACAGCAGTTACGTCAAGACCGATCTGATGCAAGAGTCGAGTTGA  
AAAATTGGCAACGATGATCATGAAGCTGAAAATCAGGCTGGCGCGCCGCTATC

CTGGCGTACTGCAGAGTATCAATGACGGAACATTGCAGAGTGTGACGATGTAAAG  
ACGCGGATCGATGGCATGCTTCCAACAAGATCGTAAAGGTACGAGCAAGCGGA  
CTACATCGAAAGTGGTAGAGCATGCCTAAAGGCACCGCAGTCTCAATGCATT  
GCGTGGGCAAACCAGGAAGCCCCTCTACCGGTACGGAAGCGTGGTGGCCG  
ATCCGCTCATCAATCCAACGTGACACAAACGCCGCGGTGCTGATGTATCTC  
ATCACTACGGTGGTTAAAACGTTCTCCAGAACGCCAAGCCCCAGCCTTA  
TTCAATCAGTGGATCAAGGAGCAAGTCATGCCTGGGACGCCGCAAGCCGAGGG  
AAGAGTGGACCTACCGCAGGTCTTACGCTTCCGGCAACGATGTTGTCGTGGAAT  
CGTATGGTCAGGGCACGCCGTTGTTGGTGTGGTCTGACGCATCGCGGGCA  
AGTCTGAGCCGTGAGCGGCACCAGGACGGAACGACCGATATCAATCGTACAAACTC  
GGATGGCTCACATGAACGCCCTCCATGTTGATCCGCGCGAGTCCGTTGCGTGT  
ACGAGGGCAGGGCGTCCAACCTGAGCGGCATGAGGCGCAGCCTGCAGTGCACCC  
ATGGCTCACTGGTCCATCACAAGACCCCTCACCGCCAGGCCAGGACGCAGTG  
CGCCGTTGAAACAAGATTGGTCAGGGCTATGACGACAATAGGCCCGACTGGC  
TGCCAGTTCTGCCTATCTGCAAAAGAGAACGGATTGTCGGATCGATCACATCAT  
GTTGAGTGAGGAAACAAAATCTATCCGCAAGGGAGAAAGTCTTGTAGTCGAAG  
GGCGTTGAACGATCCGCACACAAGATGGCGTACATGAAGACGAATGACGCTATC  
GCACGGCCGGTTGAACAGTCTGGCGCAGTGCAGTCTTAGGTGAGACGCAGCG  
GCAGCAACAATCCCAGCAACAAGAGCAGCAACCGACCACTGATCACTCCACCGC  
CTCGGATGGTGTGAGAGCGCTGCATTCTTACGTCACTGGAACGTCTGGAGACCG  
GAAAGGTTAGAGCCTGCTGACACCCATGCCATTGGCTGTGGCGATGGCTCGCC  
AAGCGATGCATCACGGCAGGCAGGGCTCTACTCGCCAACGGCTGCAACGCCAG  
CCAGGCATGGAACTGTGACGGCTTGATTGATAGCGGGCGATGTTGCCCTCGTAG  
TTGGTTCAACTCGTTACAGTCAGTGTAAACACGTCTGCAAACACTTGCAGTCGGT  
CAGAGCCGAATCCGATGTTGGATGCCGGCGAGGTGTTGCGCCGGATGCCGGTCT  
GGATGATTCTGCAACGAGTACACGTAGTAACCGCGATGCTTCAGCCGTAGCGGTT  
CCGGCGCGGGCAGTGACTCGCGACGATGGTGTAAACGCTGGCACGAGCGTTCGTAT  
GCCCACGCAAAGACATCGCGAACAGGTCGATGCGATTGAGCTCGTAGATGCCAAG  
CGTTCTCCACATAAGCTCTCGGGTACATCGACGAATGACAGTGGTGCCAGGTT  
CTGTCGAACGAGTGGAAATGTTGCAGCCAGACGTGAGGTGCGCTTGTGACGTATC  
GAATGGCTGCAGATAAGGCAGTTGCACCATGGCAAAGAACGCCCTGCTAAAAGGGT  
CGACGATTGCAGTCGCTTGTGAGCAACAGTGTGAAAGTGTCTGGAGATCAGTGAG  
GAATTGCAAGTGGAAAGATAGACCGATCCGAAATGCCACTTCGTTTCCGAGGC  
GTCCACCGCGTCAGGATCCGCAACAGGTTGCCGATAAAAGTCATGCAGGTTCT  
GTAGCGTGTAAAGGTTGAAGCCGATCTCCTGCGCCTGCTCCACCAGCATCTCGATGG  
CAGCCTATGGTTGAGGATCATCTGCGCTTCCAGGTGATCCTGCCGCCGGCCA  
ATCCGAACGGATCAGATTCTGGGTATCAAGGCGACTATAGGTATTGCCCTCCAAGC  
GGCTCGATGCCACGAGAGATCGATCAGCAGCCGGTAGCACTGCCCGCATAT  
GTGCCGGCAGGCCGGCTCCACAGGTGAGCGACCGAGCTGGTGCAGGTGCGCAGC  
CAGCGAGGAAGAGAGATAGGCAGTTGATTGGTTGATAATTCAAGAAATTGTC

GCTGGTAGCCGACCGGTTCGGCGGGCAAAGCGCGTCGGATGAGATTGCGAACCT  
TGCGCCGCTCCCGCGTAATTGCAATCTCGGTATCGGCTTGCCTGTTGGCAATTGC  
TCCAGCCCACGTTGGCAATGGTCGGTACTTCGCGCGCGTCCCTCGACT  
ATCAGGC GGCCCTTGTCAAGGTCGGTATCTGGCGCTGTAAAGTGCGGCGGCC  
ACTTGTGGAACACCGCCTGCAGCGCTCGATGCCACGCCGCCGACTCGGCAGC  
GATGGCATTGAGCAAGGC GGTTGGTCGATGGAAGGCTGGCGAGCCATTGTTCTCC  
GTAGCAGCCATTAGTGGCGCATTTAACGCGATTCTGGCGCATACGCCAATTGT  
GGCGCGATTCCGGTTATTGGCGCATCTGGCCTCAAATGGCGCATCCCGCTG  
TGAGACC CGCCTGCCATCGGCCATTGAAGAGCATCGTGGCGTACATCTGCCAAGG  
TCCCGCGCCCGCACATCCGCTGCCATCCTCTGGCGCTCATCCACACGTCTCAGGG  
TACGGGTTTGC CCGCCGCTGTACTCCAGAACATCTGCGCCAGGTCGTCTTCTCG  
GCATAGAAGTAGGCCACCGCACATCGAGGGCGTTGCCAGCCGCTGGATGGCTG  
CAGGT CGGGCTGGACGCCGGCTCGTAGCGGTTGACGCCGGTCTGGCGACAA  
AGTCGTCCAGGCCGGCCTGATGCCAGGTTGCCGCTGCGACAGGCCGTAGACCTGG  
CGCGCCTCGCGTAGCCGGCTGTACACGGGAGCTGCGTTCTCAACCAAGGG  
GGTGC CGCGTCCGGACTTCGATGCACGGAAAGCTCCGAAAGCGGGCTGACTTCGAT  
ACTACGGTAAACGTAGTCTGGGTGATGGCTACGTTAACGTAGTTGTGACAGTGC  
CTGCGGTGGCGGCCACCAATCATGAGATAGCGCGTCGGAACACCGTAGGCAGTGGG  
GGAAGTGCAACAAC TGCAGTGATGGCGTGTGGGACCGGGTGGGACCGAGGC  
GCTTGC GTGCGCATGACTGATCGTATGGCAAACAGTTAGCAATAC

>CONTIG\_43\_length\_8717\_cov\_323.381141

GCGCAGCATGGCGGCTAGCGCTCACCGCCGACATCGACGTGCCCGATGCCGGCG  
GCGACGGCATTCCGGTTACCTACGTGCCTGCGCGAACACACCATCATGCTGTCGCTCG  
CGCTGGCTGGGCCGAGGTGATGGCGCCAACGACCTGTTCTGGCGCTCAACGCG  
GTGGACTATTGGGCTATCCGACTGCCGGCCGAGTTCTGACGCCCTCGAAGTG  
CTGGCCAACCTGCCACCAAGGCAGGCGTGGAAAGGCCGGCTGCGCGTGCATGC  
ACCGCTGCAGTCCCTCAGCAAGGCCGATATCGTCCGCGAAGGCCGTACGCCCTGGCG  
TGGACTTCGGCCTCACCGTCTCCTGCTACCGCGCCACGCCGACGGACGCCCTGCG  
GCCACTGCGACGCCCTGCCGCTGCGCGCCGGCTCACCGACGCCGGCATCCGG  
ACCCCAACCACTAGCCATTCTGCTTGACGCCGGTAGGGTAGAATGCGCACCC  
GGCGCACTGCCGGACAGTGGCCGTTAGCTAGCGGTAGAGCAGAAGACTTTA  
ATCTTTGGTCGATGGTCGAATCCATCACGCCACCATATCGTGTCCAATAGCAT  
ACCAGAAAGGCCGGAAAGCCCAGCAAATCAAGGCTCCGGCTTTAGTGTCCG  
CAGCGGTCCGATACCGGCCCTGAAATGCGACGGTAAGTACAGTAACCTGACGGT  
AACGAGAGACCCGCCAGGCTATTACCGTATGCCACTTCCGATACGCCATTG  
TAAGGCCAAGCCAGCCGGCAAGCCGCTGAAGCTTGCCTGGCGCTGGGACTACCG  
TGCTGCTGAAACCGACGGCGCGCTGGTGGCGCTGGGACTACCGCAGGCCGTC  
ACTGGCAAGCGCAATACGCTGAGCCTGGCACGTACCCGGATACCGCCCTGCGGA  
TGCCCGGGAGCGTCAAGCCATGCACGCAAGCTGCTGGCGCTGGCATTGACCCGG

GTGAGCAACGCAAGGCAGAAAAGGCAGCGACCCAAGAGCGGACCGCCAACACCTT  
CGCGGCCGTTGCCGCCGAACTGCTGACCCAGCGCGAAGAACGCTGGCCGCAGGTT  
CGGTGCTACGGGAGCGCGACTGCTGGAAAGCAACCTGCCCCGTACATCGGGGAG  
CGCCCCATTGCCAGCGTGAGCGCCCCGAACCTGCTGGCGGCCCTCGCAAGGTGGA  
AGCGCGTGGAGCCGTGGAGACGGCGCACCGGGCACGCATGCTGGCGTCGCTGGTGT  
TCCGCTATGCCATGCCACCGGCCGTGCAAGCGAACCCGGCGGCCACCTGCTG  
GGTGCCTGTCCCAGCCCCAGGGCACGCATTGCAAGCCTGACCGAACCGCGGA  
CGTGGCACCGCTGCTGCCGCATTGCACGGCTATCAGGGCACGCCGGTGGTCAATG  
CCGCATTGAAGCTGGCCCCGTTGTTTCTGCGACCGGGTGGAGCTGCCCGCGC  
GCTGGGCCGATATCGACCTGGACGCCGAATGGCGATAACCCGCCAGCAAGACC  
GGGACGCCGCACATCGTCCGCTGGCAACGCAAGCCGTGGAAATCCTGCCGCAGCT  
GCATCCACTGACCGGCCGGGGCGAGTACGTCTTCCCGCATGCCGCCGGCGAC  
GGGCAATGAGCGAAAACACCGTCAATGCCGCATGCCGGATGGGATTGACCGC  
GACACCATGACCGGCCACGGGTTCCGGCAATGGCGCGGACCATCCTGGATGAAGT  
GCTGGCTATGCCCGACTACATCGAACACCAATTGGCCCACGCCGTGCCGCATCC  
AACGGCCGCGCCTATAACCGTACCGCCCACCTGCCGAACGCCGAAGATGATGC  
AGGGCTGGCGGACTATCTGGACAGCCTGCGCACGGCGGAAACGTCGTGCCGCTG  
CGGGCCAAGGCAGGGCTGATCCTACCGAACACCCACCTAGCCCACGGGGCGAAAAG  
CCGGACACCCCTGCCGGCCTGGCGGGGGACTTTCAGGGCGCCGGGAGCGTGAT  
GGGCATCATCGTTGAAAATCGAGAGTGGCCGCAAATGCTGATAAGCATGGCGAAG  
CCATGTATAAAAAGACAAACAATCCGTATTACCTGATAAAGGCATTAGCTGCCGCC  
AGGCTCGTAATTGGAGCCGCTGCGTGGCATTAGCTCCTTGCTGGATGCCGTT  
AAAGACGCCATTTCGACACTCAGGACCGGGAAAGGACTTGAGTATCGATGCACG  
CATTGGATTGAAGCCAAGAGAGGGCGGAGTCAGGCCCTGCTGCCCTAAGGAAAA  
GTGACGTGGAAGCCAACGTTTCGCGACATTAATCTGATCCGCCCTGTTGAT  
TATCCATTCCGGACATATGTGAGCTAATCCATTCCGAATTGCTTCACTTCTCG  
GTCGTATGCCGAAATAATCTCAGGCGCATGGAGATGAGTGATGATCACCTCAAAT  
CCATTGGCATGAGCCGTGAGCAACATGACGATGCGATTGAGATCATTGGAACGA  
GATGCCGAAATTATAATGATCAAAGAACAGCCGCCATTGGAAAAAGCTAGA  
GAATTGGATTTTACTCAATAAGCACTGGCTTGATTCTCGGCTATGGATGCGAAACT  
CTGATCGAAAAATTCTATAGGCCGACAAGTCCGACGATATTATCCTACAGAACGGT  
ACGAGTGAATACGAATTACGTATATTGATGGCTACCGACTACTCAACTCAGGC  
ACATGCAGGCCTGTTGGACTCCGTACCTATCTGATGCAAGGCCCTAGCGGAGTCAG  
ATTGATCGACTGCCATACAGAGATGGCTTGCTCGCACGTTAACGCTTCAATCAA  
GTGCGCCACCCGTTAAAGATAAGGCCCTATGAAATAGGGATTGCTTCCAGTGA  
CTGGATAAGGCCGACGACAACCTATCTGACCGCCCTAGCGGCCACACGGTG  
TAGCACATGGATACATGGACACAGGGAGTCCGCCCTCATCGGGAGTGCAA  
CAAGGTGGCATCGGCCATCAAAGCCTATGAGCTGGCAAACGCAGGCCCTCTCG  
AAACGATTAACATCGGCAGCAGACGATTGTCTACCTAGACAGCCTATACACGCTTC  
CACAGCACTGGCACACGGCCAAGGGTGGTCAGCATGAGCGCCAGCACGCTGCCCG

AAACGGGCTTCCTGCGACTGCCGAAGTCCTGCGGTTACCCGGTGAGCAAGTCCA  
CGTGGTGGGCTGGTATCCGACCGGAAGTATCCGAGCCCCTGAGGAAATTGGTGAG  
CGGTGCACGGCGTGGCGAAGATATCCGCGCCTGATTGATAGCGCCGCCCC  
GGCAAGGGGGCCTGACCATGACCCAGAAACGACAACGCCCGGCGTATCGGGC  
GCAGTCAAAGCATGTCGAACCTATGGACATTCTGCCAGCGCAGCCGGCCAG  
GGAACGAGCGCATTGCAGGAAAACGGCTGCGCAGCGTCTGCCGTTGGCAGTT  
ACTACGCCGGCAAATGCCAACGCTGGCAACGCGCACGGAACGGCTGGCGCAG  
GGGCAGTGCCCGTTCCACGAAGACCGAACGCATCGTTAGCGTAACCTGTCCAG  
CGCGCGGGCCCGTGGAAAGTGCTCGCAGGCTGCCAGTGGCACCTGGTGGAGCT  
TCCACATGCGCTTGACCGGCCTGGACTTCAAGGAAGCTGCGCGAGCTGGTGGG  
GTGCGGGCATGAACGCGGTTGTCAATTGAAACGCCAACGGACGCCGCGCCGGGTG  
GCCGCCAGTTGCATCCCGCATGGCTCAAGGCCAACGCTCTGCACGAATACCGCGAT  
GCCCAAGGAAACCCGTGTTCTGCCACCGCTGCAAGCGTCCGTCGGATGGCGA  
CAAGTGGATTGACCGATGCGCTGGATGGGGCCGTCTACGTCATGGCGAGCCGC  
CAGCGCCGGACGCCAACGCCCTGTATGCCGCCGGAGCTACTGGCTACCAAT  
CCAGACGCAGTGGTGGATTGCGAACGCCACGACAAGCGGAAGCGGGATAGTGCTGATGCAGCCGACT  
GGACGCCGCTGCAAGGCCACGCCGGATGCGCATCTGCCAGACCACGACAAGGCCGGC  
GCCGGGTATCGGATAAGGTGGAAAGGCCCTGCCGCGCTGGCTGCCGTGG  
ACGGGTGGACGTGGACACGCTGGACCTGCCGCCAACGGCGACTGCGTGGACTGGC  
TCAAGTCGACCCGGATGCTGACGCCGGTGAACGTGCTGTCCTGCCGTGGCGAAG  
AAATGCCGGCGAAAGGCCCGCAGGCAGGTGGCCGGGAACCGCTGCCGGGCC  
ACGCCCGCCTGAGCGTACCCGCTGGAAATCGCTGGCGAAGTCCTGCCGGCG  
GGCGAACATCAAGCGCGTACGCCAGGCCGGATGCCATCATGCCGGTTCGC  
TGCTGGCGCGGCATCGCTGGCGTGAAGGACAGGCCGGATGTTCAATTGACGGC  
CGGATTCATCCGTTGTCGTTGGCTGTTGAGCGTGGCCAATCGGCGAGCGCAA  
TCAGCCGTGGATGCCAACGCGATGCCGGCAGCGCGTGTGTTGAAGGCCAGTTGAC  
GCAAGGCTATGAGTTGGAAAGCACCTGACGAACAAGACATGCCAGTGGCAGG  
CAAGGGTGGATGCCAACGTCCGACGCCAACGAGAAAGAAAAAGGGGAAGGGCTGAA  
AGCTGCCCTGCACGCCATGCCGCCACCGCCTGCACCGCTGCCACCGTAC  
CGTCGAGACTTCACGCCAACGGCATCTCAAGCTGATGCCAGGTGAGGCCGG  
CGCTGGCGCGTTCACCGATGAAGGCCGCTGGTGTGTTGGCATGGCATGCGA  
AGGAAACCGTGTGCGCACGCCGGACGCTATGCAAGCTGTTGGACCGGGCG  
GCTTGACCGCGTACGTGCTGGCGACGCCGATGAAGCTGCAAGGCCGGCG  
CACTGCACCTGCTGGCGACGCCGCTGCAAGCTGCTGCCACCGCTGCCACCGTAC  
TGGCCGGCAGGGATTCTGGCGCGTGTCTGTTGGCCTGGCGTGAAGGCACTGCC  
GATGGCGAACACTGAGTGATGAAAACATGCCGACGACGAGCTAGCGATGCC  
GTTGACGTGCTGCTATCCGGTTGGCAAGAGCTGCCATTGGCTGAAGGGAAAGCG  
CAGGAACGGAGGCCGCGCGCTGCCGGTTGAGCACTGAGGCCGGCGCTGGC  
CGACGTGTACAGCGCCACAGAGCAAGGCATGCCAGGGCGGGTTCGCGCAAG

TGCAGGCGTGGCGAGCAAGACGCCGAGCAAGCCGACGCATGCCGGTGTGCTG  
ACTTGATTGATGACCCGGCGCAAGTGATTAGTGCCGACCGATGGACCAGGGC  
CGCAGAGCTGGCGCTGTCGCACTTGAACGAAGCGGTGCGCCTGGCAGGCACGGCG  
AGTTGTCGCCGGACGTGCGCATGCCAAGCCCTGCTGGCTGGTGTATGAAAGC  
GGCGGGAAAGTCATCTATTCCCAGCTGGCATGAACAAAGGGCCAACCGAACGCG  
CGAGCGTAAGCGTTCAGCGCGGTGCGAGCTGAACACGCCGGCTGGCGC  
TGCCGGTCAATGGTGGGATGACCTTGGATGGCGGGCACCGTCGCCACGTCTGGCGC  
ATCGTTCCCTACAGTGAGGGCAGTGATATGGCCGACTACTGGATGCCCTACGCGC  
GGATTCTGAAAGCGTACCCGTTGCGACTCTCGCAGCTTGCAGCTTCCC  
GACCCCCAAAAGTCGAGACTCGCAAAGTCGAGCGGGCCAAGTCTGAAAACG  
CGCATGTTGTCGGTCATCCGACGCACCTGCTGGCCCTGGCGCAGGTGAAGGTC  
ACCCCGCAAAGCTGGTGCATGGACTGAGCGATGCCGACATGCTGGCCTGCCACGGC  
TACACCGATGCCGAGCTGCGCGTTACCTGGACGCCCTGGCGCGCAGGGATTGAT  
GGACACCGGCACGACGCCGTGGAATGGGGCGAGCCGGTACGCGCAGTGCAG  
GCTGCGGCCGGTCTGCTGTGGCGGACTGCCGGCCGTGGTAAGGCATGCCCG  
TGGTGTTCGCAGGAAGGCTGCAAGCCCATTGCCGCCACCGCGCCGGCTGTG  
GACGAATGGCGCAGCAGGATGCCGAGAACACCAGCGGCCGCGTACTCCTGCC  
GAAGGAGCAAGCGCCATGACTGACAACGGCTACCTGAGCCTGGACAAGGCCACCT  
GCCCAAGATGCAAAGGAACGCCGCCAGCATTGCCAATCGACTACACGCCA  
GCCGGGATGCATTGGCGCCTTGAAGCACGGCAGACACAGGAACGCCGGCAGC  
ATCGCGCGACCAATAGCGCTGTGCTGGATGCCATCGTACCGAGTGGCCGAGCT  
GACCGGAATAAGAACAGGAAGTAGAACAGCAGCTGCCAAGACTCCGAAAGGCCCG  
GAATTCATGCACCAAGTACCGCGTACACGTATGAGTCCGGCCGTGCGCTTGGG  
CCCGTCCAGTCGAAGACAGCGCAACGCAAAAGGCTGGCCGTGGTACCGTTC  
CGCGCGCGCAAGACTCGACAGGCAAACCGGAATTAAATGGACACATCGCAGGCG  
CGCGCGTGGCGCGTATGAGTCCGGCATACGGCAAGATCGCGCACGGTCTAGCG  
AGCCGGCACGCCAGCGCTCTGAGTCCCACATGCAGCCGCGCCCTGCGCGC  
ACGGCGTCATCGTGACGCCAGCCCTGTCAGGCCAAGAGCGAGCCGGCAAGCGCC  
GCTGCCGATTCCATGGTGGACGTTCAACCGCCCCACGTCGAAGCCGGCAAGGCC  
CGGGCATTGGCGAACCTCGGCAATACCAGAAAGCAGAGCGCCGAGAACTACCGCT  
GGTGTGCGACGCTTGCATGATTGAGCCTGCGCAGACAGATTCACTAGTTGGCCT  
CTCTCCTCCCAAGGAGGGTCTTAGCTACGGTGGCCGTCCGCATTACCGTGTTC  
CGCGTAGCCCTAGACTTGGCCTCCCGCGTCCATCTGCCACCTTCAGGCCTGCC  
CAAGTCCAACCGCTACGCATGATCAAGCCCTAGACGAACAGTGGTCCAAGAGT  
GATAAGGAAAATCACTATTGGAATGGGGATCGTACCGTTCTCACTTCATCCGC  
CGCAATTGCGATGAGCCGCCACCCATTGGCGGACGCATGTACAACACAGTGG  
AGAACGGATGGCTAACCTACGAATGCATGCCCGAAGCCGGAGTGCCTGGCATGC  
GATTTGTGCAAACCAGAATTGTCAGGAGCTGGCCAGAACGCCCTGCCAAAGAA  
TTGGCGAAGGAGACCCAAGGAGCTGGCAGAACGCCCTGCCAAAGAAATGAAA  
ACCTGAAAGACTGTACGAGAGTGGTATTGGAAGGGTTGTGCGATATGCCAGC

AAGGACTTCGGCGCTAACGGCTCATCAAGTACCGAAGAGATGCGAAAGGCCGTG  
TCGCGCATGAGCCGGTAGCACGCCGGACTTGGCTGCCAGATGGCGCCATGGG  
CCAAGCCTGAAAACGCGCACGCTGGACGGCATGAAGCGCTCATGGCGCTGGCA  
TTGATATCGAACAAACGCACCTGCCAATCGGTACTAAGTCAACTCGTTAACGACATTCA  
AGGCAGTCTACGCTTCAGACGGAACCTCAAGTCTGGAACGTGGCCACACCACA  
CCAAATGGCGATTGCGGAATTATCAACTTGTCCCCTTGTCGGGTGCCCCGAGAAG  
CCAGGCAGAAAGCCCTACTTTGGCAGTACATCGCGCGAACGGTACATACCAACCC  
GAGTCCACCACGTTACTGATGCAGTGTAAAGGATCTGACGAACGGAGTACCTATA  
CGACTGGAAGAACGAGAACATCTTGCAGTGCAGTACATCGAACAGACGGCTTTG  
AGCGACATAACAGGCATCAAAGCCAGCTTGATCAGCGTCAAGCACGCAACGGTTGA  
CGGTAACTTGACGGTAACTGATGGTGGAGAAAAGGCTACATCTGCGCAGTTGCTAC  
GTTTCGGGCTGCAATTGATTGAATCACGGCCACCAATAAAATCAGTCACCTGAAGA  
GCGCCTAAGGCCTTTTGCCCTCCGGAAAATTACCGGAAGATGAGTGGCCG  
TGGAGCATGTGTCGACTCCCCGCAATTCAATGCCAGCTAAACTAGAGGTCTGGGT  
TGATGTTGCTCACGGAACTCGGCGGGTGTAGCCCTGTTACGGACCTCGCTCAGCGT  
TGTGGTTGTAGTCGGCCAGCCACTGTTGGTCTGTTACGGACCTCGCTCAGCGT  
CGGAAGATGTGCATGTCCAGCACGCCGCCGGTAGCTGCCGT

>CONTIG\_44\_length\_8664\_cov\_10.923275

CGCCATAGAGACCGAAATTGCGGAGCGCAGCGCTAGCCGGCGCGATTGGCGGG  
GGCACCTTATGGATGGCTGGCCATCGTGACGCCAACGCTTGGCTCGTCCGAT  
CGAGCAATAGCACAGCCGCTACCTGCAACTTCAACTCCATGGACAGGCAAAGAAT  
CCCTTGCCAAGGGCTGAACCAGATTATTGGCCTGTCCACGCCAACCCGGGAAGCG  
ATGGACATGCCACAAATTCTAAGAAGGGCGATGACTGCGCGAGCGAGCATGCCAC  
TATGGGGGAGTCAGCGTTACCGCCAATGAAATCCATCCCTCTACAAGCCAGGGTT  
TCCTGGGCCATCCATTGGTGCAGGAACCGCGAACATGCCATGCCTATGTGATA  
GCGGCAGCGAGTACAAGCACTGCCATGGCGCGTGAGTGGAGGAGTACTCCGTCGC  
TAACGTTGGTGCCTCGGAATCAAGCCGACATGTACGCCATGTGATA  
GCTCTACCGGGGTATAAGGCCGGCGCCCTGACCAACTTGAGAACAGGGACGTGA  
TCGATCGATGCGATCACGCCGGTTGTGGTTGAGCGGTCTCAGGCACGTATGTGGC  
AAGCATGCCGGGATTGGCATCAAGCCGCTACCCCGGACGCACGATAGGAGTGA  
GCCCGCGCGGAACTGGACACTCAGCGCCATGAGCTATGCCATGTGCAAGGCC  
GCGCGTCCACAAGGGCGTGGTTATTCGGATGGCTCGAACCAATCCTCACGTG  
CACACGTAAGCTCTTAATGGACTATTCTCAAATCACCTACAGGTGTAAGGCAATT  
TCGAGCGCGGGATATGCCATACCTCAAGGTTCAAGTGTGGACGAATCGGAAATGC  
CCGCCGGTCACTGAAAGACTTATTTCCGAGGTGTCGCGTTCAGACCTTGGATCG  
TCATTCCGTGTTGGGGAGTACGGGGTGAGTCCACCAAGGTCTCGGGTTGTCTT  
AGCCGTACGTCCGGAGCATTGATTGACCAAGCTATTCCAGTGGCTATTGTCGCTTG  
TTGTGCGTCCGGTTGAATTGGATCGGCTCTGTTGGCTGGTGGCCAGTGTGTGAT  
AAAGCCTAGAGATTCTATCGCTGAGTCCCAGTCAGCGGCCGTGCCATAGCCCT

CAAACCAGCTAGGCTCAGGCGCCGGCAGGAAATACCGATACCGATGGAGTAACG  
GCGAGCGAGCACTCTGGTGTGGGTAGTGACGTGTTAACCGCGCCGCTCGCGGGCG  
CACCTCAATAGGCAAACGCTCATCGAGCGAGCTAACCAAGAAGGCGCCGGCTT  
GAAAGAGATGGCGCATACTTCTCGGGGGCGTCATATGGCATCCTAAGGGAGA  
AATTGGATCAAAAGGCCGCGCTCGAGACGAGATCGCGTAACCTCCTACCCCTCA  
GCTTGTGGGGAGGGGCAGCGTCCAGAATTCTCCCCATTGGCGCGATCCTTGT  
CAGGAAAAGTCCAGCAGTATTGGCGGCCAATGGCGTCTGGTACGAAGCTGT  
ACTCGTCATCAGCGAGGTCTCGCTGGACTGCCTAGCCCGAGCCAACGTCCCTCGC  
GTCTTAGATGGTTGTAGGGCAGCGTATGCTCGTCTGCACCAAAATGTCCTGG  
ACAACACGACGGCAGCGTGGCGCACGCTAACCAACACGCAAGGTAGCGACGTCTACCT  
ACAGAATATGGTCCCCTCTGCTCGGATGCCAACAAAGAGCGTCTGGACGTGCC  
GCTGTCCAGTCGATGGCGCTGTAAGAGATGAACAAGGTAGGCCTCGCTGTCCCCGTC  
GGCGAGCAACCGCCAGAGGGCATTGCGAATTATTCCATCGTCCTCGGCTAACGCAA  
GTTGCAATGCGTCATCAAGAGCTGCTTGGATTCTTGTCTCGGCAGATCGATGCCAC  
AGTAGCGCCAGGAATAGGCTCGTAGATGCCCGATGAGGCGCACCAAGATGGAGAC  
GCACAGCGTATCAAGATGCCGCTGCTAGGAACCTGGAGCAACTGTTCTGTTAAG  
CAGGGCGAGGCAGTGGTTGGCTGTTGGAGAGGTGTAGGGCGCACCA  
AGCAGCAGTCCCCATCAATCCGACCGCCTCGGAAGCGCACAAACAGTGCCTGCGGG  
GAGTTAAAAGAGTCGGTTGAGTCTGGACATGAGCCACGCATACTCGGTGGATCC  
AGCTCTAGCGTATCAGATGAAGGAATGGCGACTACATGATTTCATGTAATCAGT  
GGGTGGCGCATAGATTGCTGGTCGCATTCAAGATCGCGACCATGGCAACCAAAAC  
GATTATGACGGCAGTACCGCGAGCTGATCTACCAGCTGCGTGCACGCCGTGAGC  
GATTGGGCTTCACAGGGTAAGTTGCTCGCGGTTGAGCTGCCACAACAAACGC  
CTATCGGCATCGAAGCAGGCGACGTCGTCTGGATATCTGGAGTTGTTGCTT  
ACCCGTGCTTGGCATGACTGTGGCCGCTCCACCGAGCTGCTGTTCCAAAAGAA  
GGTTAGGTGGCAGATTGCCATATGGCGATTACCAATTCACTCGCCTGACTGGAGGG  
CTGATTAGTTCTCGAGGGTGTAGCTTAGATGAGGTATAGGTTGCCGCTGGCCT  
AAAGTGAGAGGGCGTTGACATTGCGAGGTACCGACTCAGGGCGATGCGCTGCTG  
CCGCTATGACTAGAACCCACGAAAAGATAGGCGTCACTCTCGGAATGTCGCTGAAT  
GCTGAAATATCTCGGGTGTGTTCTGACGCCGCGATGAGTCCACGGCTGATGGTG  
CTGCCGGCTTGTATGACAATATTCTCGTCAAGGCCACTCACCAGGCCATGG  
TCGGGGACGGAGGTAGAGCCTCAACTCAAGCGCCGACGACCAGAGGTCTCGCAT  
GCGAGACCTCTGCTTGCGCCGCTAATTGGTAGCAAATGCCCTGACTCCGAG  
TCGCGTGGAAAGTTGAAGTTCTCTATAGCTCGCTGATAGTTCTGAGGCTCCTGA  
TCTTATTGGCTAATAACAAACATGCCGGCTCCAGAGCACCGCGATCATCGATGCTACA  
GCCCGCTTGTACCCAAAGCAGACATCTCTAGGCCCTGTTCTCGGTAAGCATCAT  
GTGCGCCATTCCACATAAACGTTAGGAGATTGGCGCGTGGCGGAGATCGTGTAT  
TTTTCTCACGCGCCTGGCAGGCGATGACACCCGTCTGAGCGAAGCTGGAAACGGC  
ACTGCCAGTAAACATTAACCTACGATGACCTGTTCGGTCCCTCAGCTGGTGGTTACG  
GGTACGCTCGCCTACGGACCGTGGAGCAAAGTCATGCATAGCGTCGCCGTACCT

CCGTCCCTCCGTGGACGGCATCAAGCGTCTGCCAAAACACTCAAGCGCGAGCGCTC  
CATTCCCCACCATCAAGCTCTCGAAGAACGCTGCTGCATCGCTGGCTCGAGAACCT  
GAGCCATGCGAACGTCAACTGGCACGTGGTTCATTGACCCCTACCCCGTTT  
TCTCACTGCCTACTGGCGTGAGAACGGCGTGGGGACGCAGAACCCCTGCGAATCG  
AGCTGGCAAAGCCCTGGCCCAGGTGTCGAGAACCGAGCTGAACGCCGTGCGT  
CAACTTGGCGGCTCCGGCTCGACGCCGACGACCATATCGAGCGGGAACTGACGT  
CGAGCGTCAGGACACAGCCCAGCACTATCTGCACGATGCCGCCAGTGCCTTGCCT  
CATGGTCGCTACTGGACTCGTCCGGTACCACCCAAGCTATGCATCGCAAGCTGCG  
CTACCTGCAGAAGATGCCGGCACGACCATCCGAGCGAGTGGCTTGACACGGCAA  
GCGGCTCGTGGCTTACATGGACGAGGCCCTACGATCACCAACGGCCGGAGCTGCGT  
GATCGTCGGCGCGCTGGCTGCGCGATTCAAACGTGTCCGTGGTTGCGCCGGCGTGG  
AAAGGACTCTACGTTCCCGGGCACTCGGTCCCGTATCTCGTCTCCGCCATGCCCG  
CTCCTGGCGCAGCTCTCCGCAAAGTGGTACCTTGTGGAGAGGGCGTCACCACAA  
CACTGGAGCGGCGAATCGGACCGTTACGGCACGCCCTCCTCAGCCCCGGCGGGGA  
GGCCGCGGGCCTCAAGCCGGCGCGTCCGATGCCATGGCGGGCGAGGTAC  
GTCGTGGTGCAGCTCCCTACGGCAGGCCAGTTGGCGGTGCCGCTCGCGTGGCGCC  
CGGCGGTGCGATGCCATAGGAATGCACCTGAAGGTGGGCCATTGCTACATGGT  
CTGTGCAACTCGAGGCTACCCAAAGCGCGTGCAGGACGCGCTCAGTGTGCGGTC  
CGAACTGGACAACGGTAATGCCGAGTATCCGGCATGCCATGAGCCAAGAGC  
AGTTTCAGGCCATGTACTACGGCAATACATAGATCCTGCGAAGGTGCCGCTGCGC  
AACTCTGGACCATCGCGAGGTGCACGCCCTGCTCAGGCAAGGATATGGGATTGC  
CCACCGCTGAACTCGCTGCTCAAGCACCTGGAGAACGGCGAGAACGGACTCGAGAA  
GTCAGGCTGAGCTGACAGGCACACCCACGTCCATGGCTCCCCCTGCCGTACG  
AGGCGGGGAAAGCTCTGACCAGGCCGGTGGCCGATTGCCGAGGTTCCAACGCA  
GAATCGTTAATCGGCCAGGCAAGCAATCTGAAAAGAACGGAGACTCGCAGCATGAC  
GACATGCTCGACCAAGGCATGTGCTCTCGACCCGACGCAGAGATCACCATCCGAC  
AGGACGCTCCGAGTGAAGTGCAGGCCGGTAAACCACCATGCCATCGATAACGGA  
TTTAGGCCAGCGCTCTGTGAAGTGTGCGGAATCCGCTACCGCGCCGGAC  
GAGGCAAACGGTGGAGTTCCCGAACATCGACGAAGAGGTTGGGGCCTACTGGC  
GGAATGTGAGTGGTTGAGGTCTACGACTTCGCGAAGCGATCGCTCCGCCACCC  
AGGGGCATCGGTGTCGCCGATGAGGTCAACCGCTACTCCGGTGCAGGAGT  
CGGGTGGCAACTCGTCAGGCCGGCTCGAAATCGTGGTGCAGGTTGAGG  
AGGACACCCCTGGGGACCTGATTGCCGCAATCCGGATCTTCCAAAGCCGGTCG  
ACCAGATCGTCGACAAGGCCCTGGGCTATACGTCACCTCGCGTACCTGCACG  
ATGAGAAACCGCCGGAGTTGAGGCAAGAGGCAGAGTTGATGGTGGCATTAGCGGTG  
CTATGCCGCTATCTGCCAGGCAGGCAACGGCTGGCCGCCGCTAGGATGAAACAGAGAT  
GACGGGCACCGCCACGATCGAACACTATGCGCAATGCCATAGAACACCGCGTCCG  
AGCGGAACGTGTTGGCCGACTCGTCGAACATCTGGCGAGTACCGATGGATGGT  
GCGATCTCGCCAATATCCATGTTGGCGGCCAAATTGATTGCTGGTGCACG  
GACTCGTGACGCTGATTGCGAAGCGAAGCATTCTCGCGCCGTGCGTGGCAG

AAGAATGGCAGTGGCAGATGCACGGTCGGCGGTGTGGCGGAGTGTGGAAA  
CCCATACTGCCAGGCATTGGAGGCAAAGAACATGCCTGAGGGACCAGCTCTGCGCGT  
CTCACGGAGAAATGCCTGGCTATCCGGATGCCTGTGTTCTCGCCCCGCCGTGC  
CGACGGGATCGGATGTGCCTGCGTCCGACTCAAGGTCTGATCATAGTGCTGGCG  
CTTTGCGGAAGTCACCGGGAAAGCGGTCCGGCTCCTGCTTCCAGGCAGCAGTGGG  
CCGCCTTGCAGAAACTGGGCCTTCAGCGAGTGCAGACGCCGGGCCGTGC  
GACGCCAGACTGCTGAACAGGAGGCCTGCTGACGCCACTGGTCGCAGTCCT  
ACTTATCTATGCGCCAGCGTCGGTCGCTGAAGAGTGACCGCTATGAGCTCGGAGC  
CGAAGAGCTCGATGCATGGCGTGGCAGACCGTGTGCGCAGGATGATGACGACC  
TTCTCATTCTGGGCCATCCGGCTGCGGGAAAACCCCTCGCCAAAAGATTGGCA  
TCCACTGCTGGAGCGTGGCCACGTCCAATATTCTCAAGGAAAGTACTTCACCG  
GAACACTGGCGAGAGCATTGGGAGGGAGGCCGGCTGCTCGGTGCGCCGTGGCG  
GCTCGCCTGATCTCGCGGCCAGGCGAACGGCGACTGCTGGTGTGATCCTGGAC  
GGGTACAACGAATGTCCGGCAGCCGAGCAACTGGCGCTCACCAGGAGCCTGGCGC  
GGCTGCCCGCGCTACGGTATGCGGCTAACCGTGAAGCGCGCAGGTCGACATTGTCG  
ATCGGATCTCATCGATGCCAGTCGTGTCGTCAGCGAGCCTGACAAGGCCTGAA  
GCTGGCGATTGCAGAACATCGACGGCTGGTCAGGCAGGGTATCGATTGGCGTATCTTCT  
GGACTCGGTGTCGAGTGGCTCGAGGCGGACCTGGTCGGCCAGTCGGGCAACAT  
TGGCTGACGGGCAAGTCGTTGCCTTGCACGCCTATGCACGGAAAAGCTCG  
GAGACGACGCATCCGACCGAATTGACTCCTGGCGCAGTGCAGGGCAGCTGATC  
AATCGCATGTCGTTCAGCCTGTCAATCAGGGACTTCGACCGCTGGCGGCTGCCGAG  
CGTATCCATGGCGACTTACTCGGCAGGATAGTCGCCGCCCTCGTGGTCAGGCAA  
TCGGACAGGGTCAGCTCCGCCATGAACCTGATCTCTCGCGTTCGCGGCCAGTCC  
GTTGTCGCCAGAGCGACCATGATGTCGAGAACGGTGTGCTGGCGCTGGCGCCCA  
AAAGTATGAAACAGTCGTGATTGATCCTGGCGCTTACGATGATGATCGTTCTG  
GCTAACGTGCTGCGAGGATCGAGGATGCCGCCCTGCTGCCGGCGATCGGATGG  
CGAGTGCAGGGAGTGGTGGCGCGTAAGTGGCGTGGCCCGTGCAGGCGCTCG  
AGAAGTTGACGGCGGAAGCCGCGGCTGTCGGCATTGCTATGGGATGGCACCTGG  
GGCGGGGCCGGGGTGTGCGAAGACACTTGTGCGATTGGAGTCCTCAGAACGCGC  
GCTTATGACGACAATTCAAACGGTGTGCGGAAACCTACCTGGACCGCGTCCT  
ACATGCCGTCGCTGAGATGGATCGATCATTGAACCAAGCATTGATGAGCTGAGGG  
AGGAAGCAAAGGAAAAGAACAGTCAGGCTCCGACCGCATTGTTGCCATGCGTAC  
GTGATGTCGGGGCGAGCAGGGATATCGCAGCTGGTAATCGCATCTGCCACGTTGA  
TTTCCATCCAGGGCGGCAAGAGTGAAGTTGCGGACAGCATTAAAGGTGCGTGGG  
AACGGCCTCGCACGTCTGGCCAGACGTATCTCTGCTGACCCTAGTCAGATTGCGG  
AGGACAGAGCCTACATCATCCGCATATCCTGCCGTGCTGGCGAGCAGTGGAGGT  
ATCAGCCCTATCATCTGCAGCTGCACTGCTGAACCTGTGTTCTCGTCTGAG  
TGATGACGGGTTGAAACAGCAGCTGTCAGCCTGCTGGAGCAGCTTGGCTTCCGACCT  
GGGCCGATGGTGTCCGGGATGGTGGTGAAGCGCTCGAACACATGGGTGCCCTGG  
AGGAGGAGGTCGACCAACATGTCGGCGCGTCAGGGAAAGATCTGCAGAACATCTTCTG

TCAGGCCCTATGGACGCGGTGCAGGATGCGAAGGCCTGGCAGCGTACTCCTGCCA  
GTTGATCACCCGTTCTCGCGTACTGCGAGGTACAGGAGTTGAACCAGCA  
CCAGCGCAAGCGCCTGTTGACTATGGCCTGCCGGCGCCGGGTATCGGGGTTGTT  
CGTCTCTCCTTGATTCAAGGAGCTGACCAAGTACCAAGGATCCTAACGGTTGC  
TCTCGAGAGATGGACAGCCCTCCCGAACCTCAACAGCTCATGCCGAAAGAATCGA  
TCTCGCGTTGTGGAGTCCCCGGCAAGGATGCCTGATCGCTTCGGCG  
CCGACCGAGGGGATGTGGAGTCCCCGGCAAGGATGCCTGATCGCTTCGGCG  
CTGCACTACTGGGCTCATCGCTGGATCTGACGCCATCGTCTCACCAATCCTGCT  
CAGCGGCCATGGAAGTCTGCTGCACCCGGCGCAGCTGGAGCAGGCCGACGCTG  
TACCTGGTACTAAGTCAATGTCATACGAGAACGCAAGCAGCGAACGGTAATACA  
GAAGTTCCCGCAAGATGTTACCTGATTAGCCCTGACCATCAGCCGCTGCGCAG  
GATCTGCGCCGCGCTGGGTGGATGCTGTCACCTGAAGCCAACGAGGTGGCG  
ATGAGTATCAATGC

>CONTIG\_45\_length\_8658\_cov\_105.219552

TGCTCAAACCGAGCGGATCAGGCGGCGGACCTATCCCACCAAGGACGCCGCTCGC  
GCCGAGGTATCGACTACATCGAGATGTTCTACAACCCCAACCGTCGCCACGGTTCA  
ACTGGCAGCTGTCACCTGTAGAGTTGAACGGCGTATGCGCAACGAGGGTCTTGA  
GTGTCTACGGAACCCCTGGCGTATCAAGTCCAACGCAAGGGCTGCGAAAGATGGC  
CCAAGAGCTCGAACTCGACGCTCACAGAGCGATAACAACACTGCCACAGCGTTGAG  
TCGTAGGGATTTGGCGTTGGAACAAGAACGACTCGAATGAAGGTAGGTTCGTT  
TGGCCCGCCGGTTCTGCGCGATCGCTCCGAGCGCACACGATAACGCCCTGCCTCCT  
GTCGCTTGTACTTCAAAACATCCCACAGAGGGCACTTAGGCACGCCTGCTGCTGC  
ATCATCGATCCATCGCCGGAGCCAACAGCATCGCTGCCCTGCCTCCGCTGCCAAG  
CAACTATCATTGACAAGTGACCAATGGAGGGCCCTCCGCTTAATGTATAGGACTA  
GAGACAAGGGACGGCTCGTGCAATGAAACCGGAATTGCAAGAACGACTGCATCGCG  
GATGATTGTCTCAAAGCAGAGATTGATGCTCGTGCAGAGCTCGTCAATTGACCGAA  
TGCAGCCGAGCTCGGAAGGGCATATCCATTGAAGCTTGGCGGCGGCTGAGAC  
GGTTCTCGGAAGTACTACGTAGCGGCGAAGCTTACAAGCATTACGACGGTGTG  
ATGACGACAGGGGAACATGGCAGCAGCACGGCGAGCTCCTATCTGACATCATTAG  
GATGCACTTGGAGAGTTACGGTGCACACTCATTAATTGTTCAAGCGGTGATGGGT  
GCAGAGGACTGCGATCCAGCGTCCGGAGACTATGGTTCTGGAGTGAGGATTCTCA  
CTACCAATTAAAGTCGTACAGTACGAGGCCACCTGGTCCCAGGGTGGCATGAGAC  
CAAAGCCGAATTGAAGCATGGTCGTCGGTTTCAGCCCCGCTGCCATGTCCATGTT  
TGATGCTCTTCCATGGGATCGATAACGTACAGCCGCTATCAAGGGAAACAGCG  
GAAGGTTGCTATTCACTATCCGTGGCAAGTACCTGTTCCGTGCCAGGGTAGTCGA  
TTCTCTGTCAGCGCAGGGAGAGGTACATCGCGGACCTGCGCGCCAAGTCGGCC  
CTCCATCGGAGATCGCGCGAAGCGGCCGATGAATGCAGAGGGCGTATCTGTC  
TACGCCCTCCACTGAGGCAAGCACTGCGTAGCCGAGATGCGGCCGGCTATCGG  
CACGTTGGCAGTGGAGTTACAGACCACCGTAGACTACGTGTCCTGACCTCG

CAGGCTTGAAGGGCTGGCACGAACCAAGCATGTCGATCCTAACTATTGGATAA  
GCGCATCCGTCTGCCCGCTCGCCAAGTGCATGAAGTGGCTCTCAACCGATTCT  
GCCAGGGAAAGGAGGCAGACTACATCGTACTCAGACAATGGCTGAGTACCTGCC  
ACGTGTTCCACAGGCCCTCGATGGATCGTATTGATGGAAAGCTCTGCC  
GTACCAACCTTGCTCTCAGGGAGCAGGCCGTTGATGGAAAGCTCTGCC  
GATTGGCGTCAAGTACGTCAAGGACAGCCTAAAGTCGTCTAATAAGGTCTGTGA  
GAATCGACTACGAGGAACGTCCCTCGTAAGCGTCAAGGCCAACCTACCTCTGG  
ACGTCGATGGCAGGCTAAGTTGATGAGTGGCTTCGGACTAGGGCAGTGCAGGA  
CACGGGCCGGCGAAACGCATCATGAGGGTCGGCAGGAATTAGTGAGAAATTAT  
TTCTAACAGCGAGCCAGCTCACCTCGCTGTTTTACACGAATCCTGCCGACC  
CTCTGGTTGCGCTGGCTTGCTAGTTACAACCGTCCAGGCCAAATGACGCCCG  
TCCAGTTGACTGATAGCTCGTCCAGTTATTGGTGCAGCGTCCACTTACTGGC  
TTTATGTACCCATGCTCCTAACGCTCTAACGAGCCAATGTGAAACACCTAGGA  
TGCCCCAATCAGGTCCGTGTTGTAACCTGAAATTGTCATGACGAAAAAAATAGCC  
ACCGGCATAGCCATTGAGCCGGAGCGTTACCAGCAGCTGGCATGGCTAACACA  
GGTGCGCCAGCTCAGCGCTGAATCTGCTTGACCTTGGAGGACAAATCTAAGTCA  
ACGCATTAGGCTGCCAGTCAAAGAAAAGCCCCGACTAGCGGGGCCATTCTATTTC  
GCCTGAAACCTGACCACCTCTAGCTGACCCCCAGTTCTTCCCACGTTGCTTAGTACA  
TGTTGTCGATATGAGGGATTCCATACCGTATTGCCAGCGATAAGGTGATTTCGC  
CCAGCCGTCACCATCATGCCTGATTCAAGATCGCGCGAGTGGAAACGGGGTTGAC  
TGACCGCACCACGGCGGACCCACTCCGATGACCCAGCAGCCAAGCCGCCAAGG  
TGATCGCTGCAGACGTATGCCCCCTGCAAGTGCAGCCCTTTGATAAGCGACAT  
ACATAAGCCACAGCATGACCACGGTATGACTAGGGCACGCAGTCAAAAAAT  
GGGCTGCCCTGGCGCTGTCTATGTTGCGCCGACCACGGCAACGAAGATCTTC  
ATGGCAAATGCCAGAACTGCGCTTACAAGCGCGATCTGCAATATGGCGCAATCAC  
CTCACCAAACCACCGATCAAAAAATGCTCTAGTAGCAGGCCACATAAGCAACATGA  
AAAAAAATGGACCAATGCCAAAAAGCAATTGAGCAGCGTTCTAGATGCGACGATC  
ATTGCACCAGCAGGAGCGGCAATAATGAGAGTTGCAAGTACGAGGCGCGGTT  
CCAAAGCTGCCCTGCTAACGCCAGCCCTTCCGACCGACTGGTCAACAACTGATA  
AACAGTGGCCGGACTCGCACCGTTGCGCTGAGAACGCCCTGTGTTATTCCAACCTC  
CAAGCCGTACCGGTAGCAACTATAAGTTGAGGAGTACGCTGGAAACAGGCCA  
ACGCGCCGATCAACGCAAATTTCGAAAGATATTGAGCTGGAAAACAGGCCA  
TCAACTCGGCCAGGGTCATCAAAATTCCAATGATGGAATAGTAAAGAGATCCC  
AAGAACCGCAGTCCCGGATCTTCAATTACACAGGAACCGTTGACTCGACATA  
AGGCCCATCGCGTTGTAACGGAGTCGCCTATGAACTGAAAAATCATGGGTCTGA  
CATGTTATTTCCTTTACAGAGGGCAGCGGAGAGTAACCGCGACGCGAATT  
GCTATTGTTCTGCCTGTTGCGCGTTAACAGTCGGCACCAAGGCTTTGCG  
CGGGGTTATTCTGCAGGCCAGCATCGATTGTTGGTCTGTCGGACTTGT  
CTCCCGACAGTCCGAATTGGCTCGTTGTTACAGCCAGCAAAAGGAAAACGA

GCGAAGTCACATAGACAAACTTTCATAGTTACATCCTCTGGTAGAGCGCGGAAT  
TTGCGTAGCGCAGCGAACACTCCGAAGCAACGATTATTGCCGTGCAAGCCA  
CCTCAGTGCCGCCCTCCGGCATCCCAGCGCGTGTGCATCTAGAAAACGCTGCCTGCC  
ATTCACGAATGCAAGCGCGATGCAGGTCGCTGTCAAAGCGAACGCTACAATCTGCG  
CTTCACAACTCGCAAGGCTCTGATTCCGGGAATAGAAACTCCAAGCGTGTGCGTGTG  
CAATCCAGTAGAGAGCGACCAGTGCAAAGAACATTGCTACGATATCGAGGCAAAAC  
ATGTGTGCGTGCACGCAATGCTTATTGAAACGAGAAGACCCAATTCCGAAC  
GAAAGCCAGAACCTGATAGGTAATTACGTATCCGATGAGTAGGATTAATTGAT  
GAAATGCAGCATAAGTCTCTAGAAACTCGACCGGATTCAAAGGAGAATAGCCACG  
ACGCGAGTTAATTGCGATTGATTCGCGTTGCTGCTGCTGAATTTCCTCA  
GCTACCGCCATCATCTGAAACAACGGAGTTGGTTGCTCGTTGGCGATCATCGCT  
TGTTGCTAGCGATGCGTCTGTAGCTCAGCGATCGCCTTGGATCCTGTGCTGT  
TGATTTCGCCATGAGCGAGCTGATCTGATCGAGACGTGATTTGAGCTTCATATG  
CATCGCCAACGAATGCCTGTCCTGCGCTGGTTGCGAGCTGCAGCCTGGCAGGCAG  
TTCGCTGCACATGCCACAAGACGTGCGATGTGCGAAGATCTGTTAGCTCGT  
AGATGGCTGCTGCCGAGCTGCTAAGGCCGCTGTACCCGCCATTGCGCACAGAGTCAT  
AGACGCTTGCCAATCCTGGGGCAAGTAGTCGCGCAATTCCGGATGTTCATGATCT  
GACCCAAACCGCGCGGGCCAGTGACTGCGTCGTATTGCTCTGCATTGGTTAATCT  
GGCTGACCATCTGGTCAACTGTGCTTCCACTCGCTATCGTCTGATCTGATTGAT  
CGTAGAAGGAACGTCGGGCCACAACGGTGACCGGGACACCGGCGTAGGCATAACCGC  
CGAGCATCAGCGAGCCTACGAGAAGAAATGATTGTTGATGTGCATCAGGCCACTC  
CTGTTGCGTTAGGAGGGACGAGGCCGACTGTTCCGGCTGGTCAGGAGGGCTTAG  
CCTCCGAGCTTCACCTTGGCGGTTAGCTCACTATGCCGCTTGGCTATGGCTG  
TCAGGGCCTCTTTCAGCCCCGGCACCCGGTACGCACGAAGCGTTCTGGGCAACT  
CGACCCAGGGCTTGGAAACGTATCGTCTTACCAAGTTGCTCGGACGATGATTAGA  
TTTCGCTCAAATACGGTACATCTGCCAGGTCTTCAAAGCCTGATCGACGGTGC  
AACCATAGCTGCATGCCATCCCTATCGACAACACTCGGGATTGGTGCCTCG  
ATACGCATTGCGTATCCTCTTTCGTTGGCATGTAAGATCACCTGAATTCCCCTC  
CTCTTCCAGACTGTCACAGTAGTCTCGAGGTTATGAAACGATAAAGATTATCAG  
GCGTCGTGGTGCCTAGCTTACGTTTACGTTTACCCCTAACGATTGCACCTATCTGATC  
CATATACGGCTGCTAGCCCTGGTATGATCGCTGAAGGCTACGAACGGCTCAAT  
CGCTTCTCGCTCGCACTCCTCTGCTTCCGATACGGCTACTCCAGCCACTGGC  
TCAAATTCACCTCTCGTAGCGCGAACCATGGCTTACGCAACGTTCTGGGTG  
GTCTTGATGCTGTTGGCGAAAGCACTCCGGCAAGTTGCTCAGGAGAAGCTGTGCT  
TCGTTAACGTCGATTCCAGGCCATCAGCAGTTCCACTGCACGCCCTTGTGGCACGTTA  
ACGAGCGCGGCCAGAAAAGTTCTTCAACCGGGACGCCATCTGCGTGC  
CGTTTACCGTGGATGACTTACACGCAGTAGGTTGAGTGGTTTACATCAATAGT  
CTTAATTAAGTTGGTACTGCTCTTGGTACTACTTACACTTGGTTACCCCCCTGT  
GCACCAAGGCCTGACAGGCCATTGGATGAGTCACCATGCCCGGACGCCATACCC  
CGGTTTGGGGTATGGTCAAGGGTCTGATGTGGCGTAGCAATGTGCGGCTCAGG

CGTATCTGTCACAACCTGTAACCACCTTATTTCCTTGAGAATACGCTCCGCTT  
TGCTGGAAGTAACCAGCAGCTGCATTCTCTCCGAGCGGAAGCCACTGCTGCTCG  
CTCAACTGAAGGTCTTACGTACATGCCAAATTTAACTTAAATCAGAACTTCTC  
CCAAGCATCCAGGATAGGACGACACGTGCAGTCCATCCAATCGTGGTCGGTCAA  
GATGTCATCAGGCAGTGCAGCAGCAGCTGATGCTGATAAATTGCTCAT  
AACTAGACTAGCCTGCAACGCTGCGCAGGCCTGCTCTCCGTCAAGTGACAATG  
CATCCTGACTTGAAGCGTCCGAAAGTAGACACGCCCTACACGCAACATTGTGG  
GCCTGAGTTTCGAGAAACCTCATTATCGAGTACAGCGCTACACGCATTCCGTCGG  
GAGAACGTCCTAAAAGAGCGCAACGTCAACCAGCTCATAAGCGGCCATACTTC  
TGCAGCAGATATTCTCAGTTGTCAAGGAGTGCATGTACCTACGGTTAATTCTGTA  
GATGCTCATCCTCATGACTCAAATCCTTGGTCAACATGCACTGAAATTCTAAAAT  
ACCAAGATGCTATATATTGGTTTTTGCAAGACACTACCTGATCCGCTGACAACCTA  
ATTTCGGCTAAAATAAGCCTGATAACAATGGAAAACAGAAATACAACAAATTAA  
ATTCTGTCTGCGCACACCCTAATGAAAGCCAATTGACATAATTGGTGTGCTCC  
CATAGAGTGTATTGGGAGAACACAGCGCTTGTGAGCAAAGTTATCAAACGGCAG  
GCGATACCTCCCTATCCACTTACAGTTAGGCAACCCCTTCCGAGTCGGTCAAAC  
TTTGATACAAGGTCCTCAGCCGCAGGTGTGTGATGCCGAAACATTGCATGGAT  
TTGTGACCAACTGATCGCAGCAACTCCTGGTCTGAAAGGCCCTGCTTCAAACAGTCGA  
CTGATTGCTTCATGCCGTAGATCATGAAAATGTAGGTCCGCCATTGGAGTCGCGC  
TTGAGCTTCATCCAAGCTGGATTGAACTGGTAAGAGCGACGTTGCCATCTCTCCA  
GGCTGCCATAGAACAGCAAATCGGTGTCGATAGGACGTACAGGGTTGCCAACGC  
AACTCGCAACACTGAACAGCCTCTGGTCAACGGGACAGTCCGTGAGCTGCCGTT  
CTTGTCTGCTGCAGACGGGCCACGCCGACCAAGTCAACTGGCTGCCGCGCA  
GGCCCACAAGTCGGAAGCGCGATTCCGTTCCAAGGCTAACGTACGATCCAA  
CCGAGCATCGGATTGAGTGGCCATCTACTGCGCGAACGAGCGCTGCTCCTCGTGC  
GGAATCAAGCGCGATCTGCCAGGGCCAGGTGGCGGGCGCCAATGCCCTAGCAC  
CGGGCTGTGGATGAGCCCTAGGCCATTCCCTCAATGCCACCGTAAACATGTGCC  
AAGCAACCGCAGTTCCAAGCGCACTGTGTTACTGCGCGGCCGGCGTTGACCTG  
CGCATCCAGGTCTCCGGCCAAGCGCTCGCGAACGAGCAACGATCTCTCGGG  
TCAGCGCCGCAATGAATAACGCCAACAGATGTTGATCAGAACCTCGGCACGGCGC  
ACTTCACTGATCTGCGTGACAGGCCGCTGCCCTGGCGTACTTCAGCCAGGTATCGC  
CGCATCGCAGCTCAACGGTAGTGCCTGGCGCTAGCCAGTCCTCGGCATCAGCTGGTGC  
GCGCACCACATCTCATCCTCGGTGCGCCTAGCCAGTCCTCGGCATCAGCTGGTGC  
GAATGTCTGATCGCAGGAGGCCATCCAGTCTACGGATGACGCCCTCCAAGCACC  
TGAGGGGGTTTACGAGTGTGCCATAGGTCTACTTCCGGACTGTACCGAAAA  
TGTACCTTGGCCTCTCTTAAGATGAGACGCGTCAGCAAATCATTGATTTACTGG  
TGGGCCACCAGGATTGAAACCTGGAACCAAGGATTATGAGTCCTCTGCTCTAAC  
GTTGAGCTAGGCCGGCAGGGTGGCGAGATGCAGGGCATGTCCGGACCGTC  
CAGCTGACGCGAAAGTTACCTGTCCGTGCGCTGCTGTATCAGGTGTC  
AATGAGGACGAGTGGCCGCACCTACCTGTGTTGCGCATGCAGATAAGGAAAGCC

CGGCGTGAGCCAGGCTTAAAGGTGTACCGCATCAATCTGCCTGCCGCACTATTG  
AGGATGAATGATCTAGCGACATACACCTCAGCAATTCCAATCGCTAATCCCCAATC  
CTCAACCCGGCCACTACGCCATCTCAAACACTGCATCGATCAACTTCCGCCCCGCTT  
GAAACCCATGCGCAATAGCGTCCTGATACTCGTCTCCAACCAGGCCCCTGGCGTCA  
TGCCTGGCTGGCGTTGGCCGCAAGCGCATACACACGACCTGCACCGTCCAGTGGC  
ATCAGGGCGCAGCGCGCTCGACCGTACCGGATTCGTATCGCGTACGTGGTGGT  
TTCAAAGCGGCTTGCCTGCTCATAAAGCGGTCTCGTGTGCGTCCGTCAACTT  
AGAAGGCACGGTTAGAACAC

>CONTIG\_46\_length\_8614\_cov\_20.755862

GCATGGCGAAGCTGCAAAACACCGCGCACATGTTGCCAGCGCTATCCCCAAGTG  
ACCAATGACGCGACCTTCAGCAGCTTCCGCGATGGTCATCAGTGGCAATCGCAG  
GGCCGCGAGAACGTCGAGGACGCCCTTACAGCGCGCCGCGCTGGACACCCCT  
GGACAGCACCAACCAGCAGTTGAGACGATGGTCAGGCCTCGCAGTCGGCGACAG  
GTGCACTCGCGCAACGCAGGCCGCAACCAGATCAACATGCTGGTCGGTCAAGGAA  
ATGATGAAGCTCAACGCACAAACCGCCCATGAACCAAGCCGTGCTGAGGAACA  
GGCTCGGCAGATGGCAGGCATCGCCTGACGCAACGGAACATGGAGAACGCCTACG  
GCAGCGACAAAGCTTCAAAAATCTAACCAAGCCGGCCAAAGCCCTGGAGAG  
TGGTGGTAAGGCCGCATCCTCGCCTGCATCGTCTGCTGCTGTCAGCCTCGCAG  
GCTGCACAGCGCAACCGGATGTCGATAAGGCAAAGCATGCGAACAGGAGTCGCA  
GCGGGAAAACCCCTGCAGGAATCGTACCTGTGAAGCCCGCCGTACTCCCCAA  
GTCTGTGCCAGCAAATCGGATGCGCGTTGCTATTGATGCTGAGTGCAGTGCCTT  
GATCGACAGCACTTACGGCAAGAGTGCTGCCGACAACCTGAAAACGCGCCTGAATA  
TGGCGCGCGCTAAGGGCGATCGCGCAACGTGCATGCCCTGCACCAGGCCAACAA  
GCATCTCCCCCAAGCCAAACGGACCGATGCTTCGCAACCATCCACTGTGGAGCCG  
GCAAAGCCGGTTTCACAGTGGTGGCCGGATGCGCAAGCGAACAGCCCTGCGAC  
TAAGCAATAGGACGGATAGCGATGGACCCGACCACGACAGGCTCCTGACACAGCT  
ATTGCAGAACTTCCAGAACGTTCTCCAATGGTTGGATCATCACACCCCGCGC  
TCAGGCAATAATTGGCACGCTCGCTGCAATCGAGATTGCGAGTCGCTGCGCTTTG  
GGCACTGCGCGGGAAAGATTCAACCGCGCCGTTCTGCGAAAGCTCCTACGCATCG  
GATTCTCGCGTTCTGTGGCGTGGCCGACGTTAACAGAGGCACGGCCGAAG  
GGCTGCCAAATCGGCTCCCTGCTGGCGTGGCTCAGGCACGCCATTGATCAATG  
ACCCAAGTCGAATACTGACCAAGGCAATGGCGTCAACAAACCCATTGAGGATGAA  
ATTGCGCGTATCCAAGAAGGGCGTGGTATCAAAAAATTGCCGCTTGGCAGTGGT  
ATCCAATACACAGTTGGAGCTAACGCGTGGTGGCGCTTTCATCCTGCGATC  
ACCTGCTTAACACACAAATTGAGTTGCCCTGGCGTGTACTGGCTTAATCCTAG  
TGCGTGGGGGGTTAGCAATCACACCGCATTCCCTGCAAGAGAACGCCATCGCG  
GTGATTGCGCAGGGGGTCAAACGTTGCGCTAACGCCCAGCGCCACCACTGATGG  
GGGGTACTCAACACGTTGCGCTAACGCCCAGCGCCACCACTGATGGACACCTGG  
GCTGGCTGGATTCGCTTGTCAATGGCAATCATCGCGTGCACGCACCAAGCTGTGGC

GGGCGGGCTTGCTCTGGCTCACCATCGTGACCGCCGGTAGCGCGGCTGGCGTAGC  
CATCGGTGCCGGCGCTGCGATCGTGCCGGCGTGGCGCCGCCGCTGGGC  
GGATGGGCGCAGCCAGTGCCTCAAGACCACATCACCGCCGCCGGACAGATCCACGGC  
GCCGGCAGTGCCGCCCGAACAGCACGGGTGCAGCTGCAGGCCACTAAGCAC  
CCCCGCTGTTCGTGGCGCGTGTGGCTGGGTGATGGCGCAAGCACTACGCCTGC  
CGGCCAAGCCGCAGCCGCCGGACTGCAACGTGCCAAGTACCGGGCTGGCCAAG  
CGGCCATCAAGTCGGGTAGCTGCCGTGCCAACATTGACCGCGGCCCTCAGCGG  
GTGCCAGCTACGCCGCCGTGGTGTGGCGAGGTCGGCCGATGGCGCTGCACCG  
GTCACCAACGCAGGCGCAGCGGTGAAAGATGCCTGGTCCCAGGGCGTTGCGCAGAG  
CGGTGGTGTCCGCCGGCAGCAGCATGCCGCCTGCAGCGACGCCACGCCGTCCCC  
GGAACGGCTAGAACGCCGGAAACAGCGATTCAAGCAGCAACGGTCGCCAAG  
GCAACAAACGACAGCGTCAAAGGGGCCACGTCCACCAGCGGTGGCGCAGTGGTA  
ACCCGACGATTGCCCAACCAACGACGAGAGCTAACACGCATGAGCAGCACCAAAG  
ACCTACTGCAAACGCCCGTGGCCAGCGTCCCAGCTGCCGCCATGTCAACCACACC  
ACGATTCGGCTCGCAAAGGCTGGACCGACAAGTTAGAGAAATCGGAGAGCGACAAA  
CGCGCATGGCGCTGGGCAGCGGTGGCGCTACCGTGTGGTGTGGCTGGCTGG  
CGGCCTCATTGCCGTAACCAATGCCACCGCCGAAGCCACTCATTGCGCGCATCAA  
CACCGATGGGCCCGCCAGGTGTGGCTATGCCAGTCCAACTACACGCCGGCC  
AGGCCGAGATTGCTACTTCCTCAAACATTGGTGGAGCTGGTGCACCGTGC  
TTGATCCAGTGGTGGTGAAGTCGGCATGGAGCGAGGCCTACAGCTCATGACCCCG  
GCCTCAGCAAACAAGCTCAATGCCGAAGGCCCGTGCCTGGTGTGGCTGGCC  
GGTCGGCCAAGAAACTGTCACCACCCAAAGTGCACCTCCGTGGTGCCTGTGCG  
ACAGCTACCAGGTGCGGTGGTCGAAACCAGCTTCACCGATCAGGCCAGGTGAAA  
GAGCGGGCAACGTGGACATCCACGTTACCGTCAAGCAAAGCACACCAGATCCAA  
GATCGAGCTGGTAACCCGCTCGGCTTGTTCATCACGGACTTCAATTGGCAGCG  
CATCGGTAGCACCCCTAAATTTCGCTTAAGAGTGCACAAACACTATGCAAAC  
AAAGACCTCTTCTGCCCTGCTGCTGTTGTCGCCGGTATTGCCATGCGCAGACC  
ACGCCACAAGTGCCGGCGATCACCAGCGCGCTAACGACAACAGCACCGCCGCTGC  
GAATGCAACGCCGTTGGCGAACAAACGCCCTGCACCCGCGCCGATACATGCC  
CGCCTGTGACGCCGGAGCGCGTCTCCCGCGTGTGGCTAAAGCGCGTCCGACTTC  
ACAGCAAGCAGCGCGCTCAGGTGCGAACATCGTGGCCAGGCAGCGACAAGCCCG  
TCCAGCAGCACCGCAAACATTGGCGGGCAGACGATCTCACCTATGCCCTGG  
GCGCTCTACAGCATCTATGTCGGTGCCTGGCTAACACCGTATCGACTTCAAG  
GGCAGCAGCTGACAGGCAGGTCAACGGGTCCGATACGGTGCCTGGATGATTAG  
CCAGGTACCAGCGGACCGATGCCGGAGCAAGTGCACCTGGTACTCAAGCG  
CGGAGGCCGGTGTAAACCAACGACCTGTTATTGCCACCAATGCCGACCTAC  
TCACCGCGCGACGCGTGGCGATTGGAGCATGCCAGTGTGTCGTGGCAGTACCG  
ATGGACACCTGGAAAGCACAGCAAGCCGTCGCGGCCAAGCGCGAAGCGGTGAGC  
CGGTGGCGTGGCCCCGGATGCGCTTCACTCAATTACGACATCAAGGGCGGGCG  
ATTCCCTGGAAGCCCAGGTCTTGACGACGGTGCAGACTTATATCCGCATGC

CGGCCACGCTCAATGCGACCGACGCCCGCGCTGTTCTGATCGAGAAGGGTGAG  
CCGCTGCTGGTCAACTACCGCGTCAAGGGCGTGGCAAATGGCACCACCGGGCGAC  
CTACATCGTGGATCGGGTGTGATCGCGCCGAGCTCCCGTAGGTGCCAAGCAAAC  
CATCACGATCCGCCGTCGCTAACATCACAGAGGTGCCGCATGCAGACCACGAACGGAA  
CCCCGGCTGACGACGAACCGATCCGGTCACTGGCGAATCGGCCAGCGAAGGCTAT  
CAGCCGCCGCAGGACGCACCCATCCCGCTGGCAACGCCAAAGCGAAGATCAAGAC  
CCTGGACAAAAAGAAGGTCGGCATCATGCCGGCATTGCGGGTGTGTTGATCGCATT  
CGCTTCGTCCAGGCCTTCATGCAGAAACCAACAGAACAGCCAAGGGAGCAGC  
AGCCGACCGCAAACATGTCCACCAAGCCCAGGGCGTTCAACGCGTTGCCCGCGAC  
TACGCCACGGCCGCCAGCAGCGCGCAGACCGCGGCCAGCTGGGGCCACCGAT  
GCCGGGGGAAGTGGGTCAAATGCAGTACGAAGCCCAACAGCAGGCAAGCACGCG  
GCTTACGGCGGCCGGTGCACAGCCCAAACAGCGGCCAGCAGTTGCCGCCAACAA  
GGATCTACAGCGCATGCAGCAGGCCAATGCCGCTACGCGAAAACCAAGCTTCC  
AGCAAAGCGGTGGACCTGGTGCAGCCGCAATCCGGTCAGTCGGTGGCAGCCG  
CAATTGGCGGGCTGCCGCCAGCTGCCAGACGCTGGAGACGCTGGAGCAGCAACAGCTACT  
GCCCAAGCCGAGCGGCTGCCCGCAGCTGGTGGACCGGACAAGACGCCCGCG  
ACGATGCAAACCGTCAGGATGACAAACGCCAGTTCATGGACGAGAAACGGGATACC  
GGCACGCTGCAATCGCTCACCTGCCGCCAGGCCACCGCTGAGTCGGCAG  
ACGCTCATCCCTGCCCTGTTCTGACCGGGATCAACAGCGATCTACCGGCCTGATC  
ACCGCACAGGTGTCACAGCCGGTCTATGACACCCCAACCGGGTACCAAGCTCATCATT  
CCGCAAGGCTCGGTGCTGATTGGTGCCTGACTCGCGGGTACTTCGGCAGAAC  
CGCGTCTGCTGGTCTGGCAGCGCCTGCCAGCAGCTCCAGCGTCTAGCCTAGACCTG  
GAAGGCATGCCCGCGTGGACCTGTCGGCTACCGGGCGTATCGGACAAGGTGAA  
CAATCATGGGCAAGGTGCTATCAAGCGTCTGCTGTCAGCACGGTTGCCGGCG  
GGTGGCCACCGCGAAGGGGATAGCTTTCCCTCCAGCGTACGCCGGTCAAGC  
CGCTTCCCAGGGCGCAGCGCAGCAGATCAACCAGGCCGGCGCACAGCTGCTCAAC  
GCAGCATCAACATCCAGCCGACGCTGGAAATCAGGCCAGGCCAAAGGGTTGCCGG  
ATGGTCAACAAAGACTTGGCGCTGCCCTATGGCCCGTATCGCAGTCAACGTG  
TGCAATATCGATAAACTCCGAGGGCTTACCAACCACCCAAACGGAGC  
AAAGCGATTGACCGCGATGCACAGCGCGGGACTCAGCCGGCGAATGTTATGCA  
ACACCTCATGGAAGAATTCTGCTTCAACCCACCACCCCTGTGGCCGGGGATCTA  
TCGCAAGCTAGATCGCAACGTCTCCGCTTCCACCTGTCCGTTCACTGCACAACGC  
TGTAGCCAATCGCTACCGCTAGGAACAACATGGCCCGTCAAGCATCGCA  
CTGCCGAAAATCCCGTCAAACCGAACCGCGTACCAAGCGCCTGCAATTGACCC  
GGCGTTAGTCAAGCGCGTGCACGCCCTCTGCGACTTCTACGCGCAAACCGCTGGCG  
AAAGCCAGATTGGAACGATGCAGCCGTTGCGCTGATCGACCACCGCTAGAGCGCA  
ATCGCGAGTTGCCAAGTACCTCGCCGAGCAAGCCAAGCCGGCCGATGACCGCAC  
CGTACGCCCTGAACCGATGCGGCCACCCCTCGCGTGGTCGATCGACAACCGCCG

GAGTTAGTCATGAACGCATCCGAAAAAAGCCTGGATACCGCATGGCGAAATGC  
TCTACGCCATGTCGAGTGGCACGCCAGCCCCGCCAGCATTGTATCGTGGCA  
TGCTCGCCGCCATCGTCTTCTGGCTGCCATGCCGGCGCCGCCATCG  
CTTGCTCGCTGGCACGTTCTGGCTGCTGCCACCAGATCCGCCGGCAGACCC  
AACAGCGCTGCCAACGACTCGGAGGGCTGACCATGCGCCTGTGGATCTGCGAGAA  
GCGGACCAAGGCCAACATGCCCGCTACTGGCAACCCAAAACCTGGTCAGG  
GCTATATCGATACCGACGATGGCCGTGTCACGTGGCACGTGGCACCTCCTGGAAC  
AAGTCGCCCCACCGGGCTACGACAAAGCATGGACGCCTGGAATTCGACGTCCTG  
CCCATGATCCCCAGCACATGGAAGCACCAACCAGCTGCCACAAACAGCGCGAGCT  
GGCGTGTGCTGGCAACATCCCCAACGGCGACCGAAATCGTCATCGCAACCGACT  
GCGGAGCCGAGGGCGAAGCGATCGCGCGAGCTGCTGGACCAACGCCGGCTATCGA  
GGACCGGTGCGCCGCCTGTGGTACTCCCGCCTCGATGTTCAAGCCTACCAAGGCT  
ATTGCCACCTTGCAGGCCAGCGAAAGTAGCGAGCCGCTCTATTGGCAAGTCAGGC  
ACGCTCGCGCGCCACTGGCTCATGGCATGAATCTCACCGCTGCCTACACGCTGCG  
GTCCCGTGTGCGGGAGGTAAAGGGCCGCCACGTGGACGGGTGATGTCGCCA  
CCCTCGCCCTGGCGTGTGCGGGATGCTGAAATCGCCGCTTCCCGGAAGCCACCT  
ATTACGAGCTGAAATACCGCTCAGACCGCACTGGGCAAGCGTCGTGCTGACG  
CACGCCCGCGGATGCGGGCGGATCTCGCTCGCGACGCCGAAGCCATCAT  
CGCCGCCGCCACCGGAGCTAGTGACCGCTCGCGTACACATGAAAGCAAGGCGC  
AGAAGCCCCGGCCCTGATGACGCTTCGCGCTTCCAGCAGCTGGCCTCGCGGCGAT  
TCGGATGGAGGCCAAAAAGACGCTCGACATCGCGAAAGCCTGTACGACAAGGAG  
CTGACCAAGCTACCCACGCACGCCGTGCATGGTGTACCCAATGAGCAGGAAGCAGA  
AATCCCCGTGTGCTGGAAACGCTCGCCAGGTGCCAGGACTGGCGCGCACGTGG  
CAGCACTGACCGTCAACAAACCCACCATCCGCCACTGTCTCAACAGCGCCAAG  
ATGGCAAAAGACAAAGCAGAGCACCATGCCATCGTGCCTCACGGGTGTGCCGCTCG  
CAGCCGACCCCTCAGCGATGACGAGCAAACCGCCTTATGCTGATCGCGAGCACT  
ATCTTGCTCGCTGCTGCCGACTACACGTTCAACGAAACCCGATGACGCTGGAAAG  
TCGGCGCGTGCCTTACTGCCACTGCCGCTTCCCACCGCCAAGGCTGGAAAT  
CCGTATTGGCACGGACCCGGACAGCGAGGACGAGGACGACACGGCCACCCCTCG  
CTGCCTGACATCCAGGACGGCACGCGCTGCACTGTCGCTGCCGCACTACGCC  
GAAGAAGACGCGACCGCCAAAGCGCTATACACAAGGCGACTTGCTGACATGC  
TCGATGTCGGCAAGTGCACCAACCCGAAGTGCAGAAACGCCGAAGGAAAAC  
GCCGGCATGGCACCGACGCTACGCGGGAGACATCATCGAGAAACTGCTCGAGCG  
CGGCTACCTGGAGCCGAAGGCAAATTCACTCGTCAAGCACGCCACTGGCGCGTGAGC  
TAATTGCAATGCTGCCCTGCCGATCACCGACGCCACCACTGCGTTGTGGAGG  
AAAAGCTGGACGAGCTGCCGCTGGCTTGGGCCATGAAAGCGCGACGAGTTC  
GTTTCCAAGGTGCCGCCAACGTCACCCGATCATGAAAGCGGTGCCGGCGATGC  
GACCAAGGCTGCCGTAACCGCGTGCCAGCGAAGGCCAGCTGCGCTATGCCAGC  
TCATCGCAACGGAGTTGGCGTCCGCTGCCGCCAACGCCGTAGCTCCACGTTG  
CCGTGCAGGCCTAGATGCCACAGCGCTACCGTAATTGCCGCCAGTG

AGAAGCAGCTGGCCTACGCCGGAGAACGCTGGCCACCGAGAACGGCGTGACCTTGACC  
GACGAGCAGCGAGGCACGTGCCGCTGGCGCATTGGACCTACACGCGCC  
CAAGAAGCCCAAGGCATCCCCGCCAAGAACGACGACCACCAAAGCCGC

>CONTIG\_47\_length\_8611\_cov\_23.156530

CAATCACCGCGTGGGGCGCTGGCAGGTTCTCGATGGCTTACGGTGCCTGAA  
AGCGGCGGGCCACATCGAGATTGACCGGCTGGCGTACTTGGACGCTAGCCGTTCT  
GTGCATCGGCCAGCTCCATGCCCGCATGTCTCGTCAAAGCCGGCTTGAGGCTCA  
CGCCCGCAGGAGTGCCTCGGCCATCCGCAGTGCACCCAGGGCGTCCGTGCGCGCT  
TCCAGCGCTTCAGGAACTGCGCTTGCCTGCGGGTGCCTGGCGCCCTCATC  
TGTCAAGGCACCAGCGGCCAGCTGGCGTCCAGGAACGTGCCTGCAATGACCTG  
GCTCTGCTGAGGCAGCGGCCCTCCAAAGCACGTCCAGGCGCACAAAGGCGCGCT  
TGGGGTCGCTGAGTGTGGATCGCGTTGACACGCTCCACCAGGTGGCGGCCACC  
TGGAAAGGTGCCGCTCCAACTTGGTCACATGGCTCGGTGCGCCAAGGCGTCCATG  
CGCCGCACGTGCCCTCGATGTAGGACTCTGGCGTTGCGTGCCTGGCGAGACGTTTC  
GGGTCCCATTGCTTACCTCTTCAGGTGTGCCTCAGGGAAATAGATCTCATCCTTC  
AACCGCCGCAGCACGTTTGTCTGCCCGCTGGCAGCGGGCGCGTAGCTGTC  
AGGGTCACGGTGTCAACGATTGCCCGCTTCAGGCGCACAGGTGCCGCTCCAGGGC  
ACTGAGCGTTGCGTAATGCACTTGGCGTCAAGGCCGGGACGACGACGTATTGG  
CGCCCGTTGCTTGTGCCCTGCCAACGGTCGAGAATGACGCCCTGGACCGGTCCAG  
ATGTCTCTAGGCTCTTCGTCTGCCAGTCGCCCTCTGGCTCCGCTGGCTCGAAG  
ATGCGGCTTCAACAGTCCCACCTGGTGTCTGCACCATCGCGCTCCATGTC  
GCGCAACTCGTCGTCAAAGCCGGCTTCAGGCGCACCCAGCGGGAGTGCCTGG  
CCAGCTGCAACTCAACCAGGCGGTGGCACCGCCTCCAGTGCCTAGGAATTGC  
ACCTGGGTGCGTGTGGATAAGTGGTGTCTTCAGCTGCTCAAGGCGACCAGGGC  
AGCTGGTCGTCCAGGAACGTGCCCGATGACTTGGCTCTGGCGTTGAGCGAGCCT  
TGCCTTAACGTCAGACGACGAACGAGTTTGTACGGCAATGGCTGGATCA  
CCATCGAGCCGCCAACAGAGGTCTGGCGGCACACGGAACGTGCCATAGGCAGCTT  
GGTACATGTCCTCGGCTCGCCAGCGCTTCCATGCGATTGACGTGCGATCGATGTA  
GGACTCCGGCGTTGCATTGCTAGGCAAGCGCTCGGATCCACGCCCTCACCTCGG  
CAGATGCGCGTCCGGAGATAGACGCCGCTTCAAGGCCCTAGCACGTTCTGTC  
CGCAGACGTGGCGGCTGGCGCGTAGGTGCCAGCTCCACTGTGCGCCGATGC  
GTCCCGCTCAGGCATGTGCGCTCTGAGTGCATGCTAACGCGTGCCTAGGCT  
GGCGTCAATCCGCAACAATGACGTACTCGGTGCCTGACAGTTGTCCGCAAC  
CGCGATCAAGGATGACACCCCTGCACGGGTGCAGCTTCAGACTGCTTGTGCGGCC  
GCAGTCCACGCCGGCTACGTTGGCATCAATGTGCGGCTTAAGCTCTGGCTAGCC  
TACGCTTGTGCCATCGCACGCATGCCCTCCGGCGCGTGGCGTGGATCTCCAGC  
GACCGGGCATCTGTTGGCTAAGCCGTGGCACGCAGGATGCCAGTCGCTGTA  
GCCGCAACTGCCGCTGTGCATTGCGAACGGATCTGCATGCACCTTACCGGCATGGA  
TTAGCCGCTTCGCGCTTGCTCACGAAGCATGGACGCATCCAGACCCGTCC

AGCGCTCTTGCCTGACCTCCTCGCCGCAGAGCGATAGATGTCGATATCGCTCCGGT  
ATCCCAGCTCGCGTGTGCCAGCTCACGTGCCCGCTCGCGCATGCCATTGCTGATGT  
AGTCGCGGCTAATCACCAAGGTGCCGCCCTGTCATCCACCCCACGCACGATGATGT  
GCACGTGCCGGTTGTCGGTGTATGGTGGCGACGGCCATCCAGTCCAGTTCGTCC  
CTAGATCCTGCTCCATCTGTCATCAAATCGCGAGTGTAGCTTCTAGATTCAAGTT  
CGGCCATCTTCCGGCGAGACGATGAATCGGAACGAATGCCGGTCAGGTTCTGCCCT  
GTCAACGAACTGCGATGTCGCTCGCGTGTGAGTTGCCCGTGTGGTAAAAGGGCG  
GGCCGGCCACCACCTTGTCTACGCCGTGGCGTGCATAGTCCACATGCCGCTG  
CATTGCGGCTTTGCTCCTACCCGTGGTGTGCAACCACACGGGCCCTGATGGTGAC  
GCGCTGCTGTCGGTACCGGTGTGATCCTGACGCCAGCGCCGCCAGCATGGTG  
CGTGGTCGCCGGAAATGCGCCCGGTCCGTGCCGCCGCTTGGCAGCGCTTTGAC  
ACGGCTGATGACTCGTTGACCTGGGAGTTGTTACGCGCCTGGCGGCCCTGGACAA  
GCGAACGCGCAGCGTTGTCGGTGTGCTGCACCCGGACCGCCCTCCCAGCGCC  
CTGGTCCGGCCCTGCTGAGTTGCGCTTTCACTGCCGACCGGTGCTCTCCGGCC  
CTAAAAAACTTATGTTGTAATTACAACAAAGCTAATGACAATGTTGTAATAAAAAG  
CCAATAGAAAATAGTCAGTAAAACCCACATACCACACACACTTTATCTTGCCTTC  
TTTATCGCTCTCCGCTTTGCCTCCGACGCCCTCACCCCTCCGATCACACCCACC  
CTTCGAGAAACCAACATGCCGCCCTGGGACTGCTGTAGCGCGTCTCGCAACCGTC  
GGCCTCGACCAAGCCCCACCCATCGGACGCTACCCGACAACGCCGACAAGCGG  
TCAGCGTGGCCTCGGTTGTCAGCCTCGGCCGGTCCCTGCGAACCCGGTGGCGC  
GGCTGCCGGCGACATCACGGAACAGCATTGGCTGGGCTTGGTGGACCGGGCG  
CGCTGCCCTCCGCTGCCGGAAAGTTACCGCCACCCAGCCGCTTGCACACCC  
AGCTCACGTAACCATTGCTCAATCCGCGACTCGTGCCTGGTGTACATGACA  
AGGCGCCAGCGCAGGCTTTCGGCGCATATTGGCCATGTCGCTGGCGTAGT  
TCCGTGCCAGAATGGTGGTCCAATTGGATGTTGTCATGGCTAGTAGGTCAA  
CCGGCGTCACTCCGAACCTGGTCAGGTGCTGCGAGTTGATGCACTAGGCCGATAT  
CGGTACTGCGACCGGCCGCACCTGTTGCGATTGCGATCCGCTGGCATCGTAAACC  
GGGTGGGTAGAAGCTACGGACCTGGTTGATGGCATACGGATTGCCGCCACTCT  
CATGCTTGTGATGATGCCCTGCACGGTTGCGGATGCACACCGATTGAGCAAGCGAGA  
ATCACTGACATCAGGTCACTCATGATCGACTCCTTCGAGGGCGCTGCGTCCACAA  
CGGTGTGATACGTCGGCGATTACTGACAACGGGACGAATCCGTAATAGCGGCCAT  
CAAAGCTGTTGGCGAGGCCATACCAATGGTGAAGATGTGCCAGCCGGAACCCGC  
GTGCAGCCTGTAAGACGTGAGGCAGTGCCACGCCCTGCGCTGGGTTGCAATGCT  
CGCACCCACACGCCGATAGGTGGCTGGGTGCCCTGCGCTGGGTTGCAATGCT  
GACCTCGCTGTTACGCACACCGTGTGCCAGCAACCGCACCGACACGCTTGTGTA  
AAGACTGCCGGGCTTCATCCAGCCGCTCAAAGCCATAACCGCTGCCGATTATG  
TGGGGAGAATGCGACCAGCTGGCCCGCTCTGCGCTATGCGTATTGCGATTAGGAG  
GTACAGACCTTGCCTGCCACGCTGGCGAAAGGTTGGCAATCACGGTAAACCTAGCG  
AGGCCAGACCGCGCGACTTGCCCATCCAAGTGTGGGGCAATTATTGCTAAGCCT  
AGGCCAAGTGTAGCCCTTGTGAGCTTCTTCGTCACAGACATGCCGCTAAC

TCGCCTTGCGGGGGAGTTGGCTCTACGTCGGCGTTAACGACCTAACCGCGC  
CAGTGGCATGCGCTGAAAAAAACTGTTGATACGCGCAATTCTAGCCGATTAGGGT  
GTCAATTGGACCGATTCAAGGGCTAACCAAGGCCACATAAGCGCGCACCGTGTGC  
GCCTGTGATGTCGGCCAGAATGGCGACATCTGGCGCACTGCCGGCACGCTTCGCC  
CGCCTGGCCGGCCGGCAATGCCTCACACAGCACAAACCCGCATCGCGTGTGCCGTA  
GTCATTCTGCTCCCAGATCGAGTGCAAACCGGTACCAGGTGCGAAGCTCAGAA  
GCCGGCGACGGGTACCATCTCGCCGATCACCCAGCGGCCAACCTGGCGCGGCTG  
CCGGCCAGAATCCGCCGGTTGTCCAGCCCTGGCGAAGGCTCGATGACCTGAGCG  
CCCATTGCTATGGCAGCATGCACGCAAGCTGACGACTTGCATGCAAGTTGAGGGCC  
GATAGAAAAAGGGTTGCTGCCTGCAAGCTGCGGATGCGAGCTTGACCGCATGCATGC  
AGGACCGCCACGACCATGCATGCATGGCTGCATGCACTCTGGCAGCTGCATGCAA  
CGCGGTTGACGCATGTACGCAAAGCAAACCTGCAATCAAGCATGCACGCAACCTT  
GCATGCACATAAGCGAGGCACCAAGGCAGCGCATCGCAAGCAGTCAAGCCATT  
GCATGCAAGATGGCTGAATTAAAGCATGCGTGCAGCTGCATGCGCACATAGCTT  
ATTCGCTCTGGTCCCCGTCTACAGCATTGCCATCGCTGAGAGCGGTGCGAGTCCA  
TCGATTCAGGAACATGGACATTCCCTGGATGCAATATCTGGATGGTCAGACTAT  
GGGTATATCGGAATTCTGAAAGCCGGCGCAGGTGATCGCTGGTGCCTGGCCGGATT  
GTGATGGTGCAGGGTTGCTCCGACCTGGGTGCGCTCTGCCCGGGCTGCTGGCG  
CTGGTGGCTTGCCTGCGGGTAGTGTGGCTGCCGGCGCCGGCTCTGGGCTGG  
CTCTGTTCTGTCCAGGGCGCAAGCTGCCAGTAATTCCGGTAGTCATGCGTTGGT  
TCCTTGTTGCCCGAGTAGCGTATTCACTCGGCCATAGGGCGAACCTCAA  
TGCCGCCTGCCGGCCGGCTCAAATTGCCACGGCCTGGCGTGAGCAAGAGCAC  
GGCGATACGCTGTGCGGCGTGGATGACCGTTCCAGCACCCGTATGCCGGTGTGG  
CTAGCTCCGCTCGACCTCGCGCGTCTCGCTGGCGGTACGGAGCGCTGGACAGGA  
TGAAGGCCCCCGGCTTGCCGCTGGCTGCAAGCAACCGGATGGAGGCCGGCG  
GTCAGGTCCAGCAGGCTGGCGAATCGGCATCAAGGCAAGATCCGATGCTCAAG  
GGCAGCGCGATGCCGGCGACCGCGTGGCGCGTGTCCACAATCAACAGGTGAT  
AGCCCTCTCGGCTGCCGCGACAGCGCGCCGACATTGGCGAGGTGATGGCC  
ACCACCTCCAGCGCGAATTGAACGGGTTCTGGCCATGACTTGGCGAGCCTGG  
GGGTCGGTGTGGCCAGCGCGACCGCAGACCCGCTTGTGCGCGGCCACCGCCAG  
ATGGACCGCGATGGCGTTTACCTGCGCCGCCCTCTGGACGGCTATGGTATGGT  
TTTCATGCACTGCGCTCTGGTGAAGTCGCTTGCTGAGGGCAAGTGTGCAATACC  
TTAGCAACATGCATGCACGCATGCAAGCCGATTAGCTGCACGCATGCATGATCGCA  
AGACGGCATGCATGCTTAGCTGGCGCCGCCCGCGCTTAGCCTGGCGGCCCTT  
TGGCGAGGCGGGCGAGGTAGCCACCGACTCAAACGCTGCCAGCCGGCCCCGTAGGT  
TCGCCCGCTCGCGACGCCGGCAGCGTGTGCGCTCGCAGCAACCAGGT  
GGGCCCGATCCAGCTCGGTGCGTAGCTCGCTGGCGGGCTCTGCCGTGCTGCAC  
GCTGCTGTAAGTCATCAGCTCGGTGCGCACCTGGTCAAAAGCGGCCTGGGGCG  
ACTGCGGCCGAGGCAGGCCGCTGCTGCATGGCGGTGTCAGCTCGGCAATCCGTGCTGG  
GCCGCTTCAACTCAAGCGCCTGGCTCGTAGGCAGTCGGCCATCTGCTGGCTCAGT

GCCTCCGCCCTCGCCCTGGCTTCCCACCCCTGCCTGGGCTGCACGCAGCGCGTCG  
TTGGCCGCCCTTGGCGGGCTGCCAAATCGCCCCCACC GCCGTGCCGGCGGCCAGC  
TGCACCGTCTCGGGCACCTGGATGGCAGCCGGACGCCGCTGCCTGCGCC  
CCACTCTTCATGACGGTGCTGCCTCGTCATGTTGACCTTAGCCGCCTGCGCACG  
GCATCGACGGTGGGAAGAACCTCACGCCGGCCTGGTCATACAGCGCATCAGCAGC  
CTTGAAGATGCGATCACGTGCGTCTGGGACGGTCCATGTGCGGCTCCTGCGGC  
AGTAGGTAAGAAGAATAATAATTATTCTTACTGTGCAACCGGGTTGCAGTT  
GATTGCATACC GTCGTGGGACGTGGTGTATCGCAGCTGGGACTCGCGAGG  
CGTACACGCACACGGCTGCACCGCGCCTAGGCATCGGCGTGGGTGTTGAGCTGGC  
GGGGTGGCGCTGACGCCGGCGGGTGCACCTGGTCAGGTGCAAGCaaaaaaa  
ACGGCGCCGGTTGCCCGACGCCGCTGCCTACGTGTTACCTACCGCTTACCGCCTCG  
GGTAAGACCGGCAGTGTGTTCTGACCGATTCCCACCGCCAAAACGGCGACGAAGG  
TAGCGCGAACACTCACTGGCTTGGCCAGGTACA ACTACAACAGATGACACTGCT  
CATAAAAAAACACCTATCCC ATGAGGAAAGGTGGTCTCCACAGCAGCCCCGGCGCTAG  
CTGCCTGTTGAAAAAACACTTACAAAAAAGCTAACGCAATTGCGCTATAATTGAAA  
CACCACGTAACGAAGTCAAAACGCAACCTTGCTGCCGTGCAAGGCTGTATAGCTG  
GGAACCTCCTACACAGTCACACCCGCTGAACCATT CAGCTAAATGCACCCTTAAA  
AGCTATCTGCTGCCAGGGGGTAGCTT GCGTGTGCATCTACAGATA GTGACA  
CAGTGCCGTTCAGATTGCAAGCAATCTGCCGTTAATGGCGTTAGATCCGCACTGAT  
TGT CCTGCTAGCGGAACAGTGGCGTTATTCCGGCATGGCCGCGTCCGGCAACAC  
AATCCACCCGTTAGCACCCGTTGGGCTTGTGAGTCCGTTCTTCGCTGCTTCCG  
GCACCGCGCATCACTCCATCGGAGTGATCGTGTCCGCTCTGTGTGCGCGTAGCGCA  
CGGCGACCGCTTAAACGCAGACCACCGAAGCCGGCAGCCCTCCAGGGTCATG  
CCCTGTCTCGAAGTCCGGCTAATCACTCCCTGCTGACCCGTTTGCTGTTGGGA  
GGGAACCGCCGCACTCGCGCCGGCTCTGTTGGTTCCGATGTTGCTTAGGCGC  
AGTGGCGGTGGAGGGGGCGCAGCCCTCTATTGAGCTTAACGCTGTCGTCGTC  
GCAGCGCGGCAGCGGATCAGCTGTTAACGCTACTGACTGTGTTCAACCG  
TAGGTTGACTGGTGGCCTGCCAAATAAAGAGGACAAATAACGCCACTTCCCCACA  
GGCTTCCCACAGGCTGTCCCCCGCAGCGGTGGTAACTCGCTGCCGGGGAGTCCG  
TTGGTGGCAAAGGCGGGTGATCGAGGGAGGGTGTGGCGCTGCCGGCCCTGGCG  
GCGGCAAAATTGCTACCGGGCGCCTGTTCCACGGTGC GGCGAGGGGCCAGCCT  
GCCGGCGCGGCTACTCGAACAGGGAGAGGATGTCGGCGATGTGCCGTGGCGCT  
CTGTGCCTGGCTGGTTGCCGCCTTGGCGCGATTGACGGCGTGTGCGCTCCG  
CCGTGCCTGGCTGGTGCCTGGCGATGTCGGCGCTGGCGCTGGCGCTGGCGCT  
TGAAGGAGGCCGCCGGACCCCGCGCCTGGTCGGCGTGTGCGCTGGCGCTTG  
AGCAACCAGCTGGTGCCTGGCATGGCGACAACCGTTAGGTTGAGCCGGCGCAC  
GCCCGGCTCGCTGCCACAGGTCGCCGCCCTCGCGTCCCTTG

>CONTIG\_48\_length\_8450\_cov\_19.840322

GGGTCGACCGCCCCGGCAAGGACGGTGGCACCGACATCATTGCCTACAACGATCCG  
CTCGGCACACGCCGCCGCATCAAGGTGCAGGTCAAGCGAATGCCAACTCGCC  
GCGGATCGATGTGACGGGCCTGCGCAGCTTATGGCGTTCTGGGGGAGGGCGATG  
TCGGTCTGTACGTCGCGTGTCCGGCTCACCAAGGACGCCACTATGAGGCGCGC  
AGTCGCATCGGCCGATCAATCTGATTGATGCGCGGAAGTGGTGGAGCTATGGACC  
ACGCACTATGCGCAGCTCAGCAGATTGCGCGTACGCAGCTGCCTTGAAGCCGGTC  
TGGTTCTTGCTGCAGAAAGCTAATTGTCAGCGAAGGCAGTTCCGTGAGGAGTTGAA  
TCTCGGTGCTGGTGGGATGATGCGCGCAAGCTCGCGCACACGAGTGAATTGAC  
CCGTGTGCTATTCCATATCCTCAAGGAATAGCCGGAAAGGCATGCGCGCATCCGGTGC  
GCTGGTTGCTCGGAAAAGCAGGTGCGCGTGTGAGTAGTACGAAGGATTAACTA  
TGAAGAACCAAATCTAATCCCCATTCTGTTCGGAACGCTTCAGTAGCGATAGCGGT  
CACTTCGTAAGGCGCGTCCGATGGATTACAACCGCGACATTCACTGCCCGTCATA  
CTTGCCCGCCGACGCCCTGAACCTCTCCACAAAAGCGCGACCTCTGGAAAACGA  
CGCGCTTCTGGACAAGTACTGCGGATTCAAGCGGCTCATCTTGGGAAAATCGAAT  
TGAGCTCCGTGCCATTCTCACTGGCAAATTCCCGCTTGAGCGAGGCCGTGATGTATC  
GCCTAGCAGCCTCGGCATCGAGATCCTCGCAACAATCAACTCTTGAGCTTCACGCC  
GCTGTTCCGCCTGGCAAACACAAAAGAAGCGTCAATTACGCTGGCCTTGTGCGCC  
ATCTGATCCAGATCCGTCTGATTGATGAAATCTACGACGAGGCTTCTTCGCGCG  
TTACCGAGGCTGCCCTGAATCACCGCGCACTCATCCACCAAGCTCCACTTGCTC  
TTGACTTCTTGTGCTCGAAGATCAGTCCAGGATGTAGTCCAGGTTGATTCC  
GCGACTTCAGGAGATCCACCTAAAAACACAGTCATCCCAGTCGATGGTCGATTTTT  
CCTTCTCGCCCCCGCCTCTCGCGCCGAGCCAGTCGCGCACGTCGTTGAGGTTG  
AGCGGTAGTCCTGGATCTCCGCTCTGGGGGAGCGTGATGGCTTGAGGCCGTTA  
GATCCTCATCGCTCAGGTAGTGCTGGCCTGAAGGACTCCACTGCGGCCGATCCG  
TCAGGTGACGCTCTGAAGCTCCTCAGGCTGGCGAACTCGTCGTAGTTCTGCAGGA  
TGTTCTCGACGCGCAGGTACTGCCAAAAAGCTGGCGAAAGCCTTCTGCGGACT  
CCTTCTCGATAGCTGCCGGTCTGGGAAGCGTGCTCCAGTCCTCCACTACATCCT  
GAAGCCCGCCGCGCTTCACCAGTTGCCGATCGGTGAAGCCTCCATGTACTCCGT  
GTAGCTCTTCTCCAGCACCGACGTCGTTGTTCTGTCACCAAAACAGGGTGATGGC  
GTCGATCGTCGCGCTGCCAGGTGCGGAAGGTGACGATGTTGCCGAAGGTCTGGT  
GGCGTCAAAGATCGGGTGGTGCAGTGAGTAGGCCTGCATCAGCCGTGGAAGCGCA  
GGTTCTTGTGACAAACAGCGTGTGAGTGTGGGTGCGTCAAAGCCGGTCAGGAAC  
ATGCCACCACGATGAGCAGGTGATCTCCTGGCCTCACCTGTTGCCAGGTCC  
CGGTAGTAATTCTGGAAGCCGTTGCCGTCCACGCTGAAGTTAGTCTGAACAGCGCG  
TTGTAGTCGGCGATGGCTGCGCCAGGAACCTCCTGGCGCTGCTGTTCATGGCCGAC  
ACATCAAAGCTCTCGTCCTGGATATGCCAATCGCATCCTGTTCTCGTTGCCCG  
AACGAGAAGATGGTCGCCACCTCAGTGGCTGCGCTGGTCTTATGCAACTCCGG  
AAGCACTCGTAATACAGCTTGGCGGCATCCACACTGCTGACGGCAAACATGGCGTT  
GAAGCCTTATTGCCGGCATGCAGGCAGTGAGTCTCTGTCGGAAGTGGGTCAAAT  
GTACTGGGTGATTGGCGGATGCGGTCCGGTGCAGTAATGCCTGCTTCTCGGC

CGCACTCAGCTTCTCGTCCTCTGGTCTCAATGGCCTGAAC TGAGGGCGTACA  
TCGTTGTAATCCACCTTGAACCTCAGCACCTCTCGTCACGGATGGCATCGGTGATC  
ACGTACGAGTGCAACTCACGGCAAACACGCTGGCGTGGCTCGGCGCCAAGGC  
GTTCTCCGGGAAGATGGGTGTGCCGGTGAAGCAAACACTGGCAGAACACTTCTGAACCT  
CTTCTCAGGTTCTCTGGGCTCGCAAACACTGGCTCGGTGGCACTCGTCAAAGAT  
GAACACCACGTGCTGCTGTAGATGGCAGGTCCGCTCGCTTCATCAGGTTGTT  
GAGCTTCTGGATAGTGGTGACGACAATCTTGTGTCGTCTCCAGGTTGCGCTTC  
AGGCCAGCCGTGCTGTAGGCCATTACGCTGTCCGGCGAGAACGCGCTGGTACTCC  
TTCATGGTCTGGTAGTCCAGGTCTTGCGGTCCACCACGAAGAACACCTGTCGATG  
AAAGTCCAGCTCCGTGGCCAGGCGCGCCCTGAAGCTGGTCAACGTCTGCCTGAG  
CCGGTGGTGTGCCAGATAAAGCCACCACTCTCGGTGTTGCTCCAGTTCTGCCCTGA  
TGGCTGCTGTTGATCTTCCACAGGATGCGTTCCGTGGCCCGATCTGGTAGGGCCGC  
ATCACCACGAGCGTATTGCTAACGTCGAACACCGAATAGTCAGCAGCACGTTGAG  
CAGCGTGTGCTTCTGGAAGAACGTTGCCGTGAAGTCCTCAAATCCTGATCAGCGT  
GTTGTCGCCCTCGCCCAGTTCAAGTGAAGTCGAAGCTGTTCTTGCCTGCGTGC  
GTGTTGGCGAAGTAGCGGCTGTCGGTGCCTGGAGATACGAACACAGTGCAGGTA  
CTTGAACAAGGACTGCTCGCTGTTGAAGCTTCCTGCTGTAGCGGTGCACCTGGTT  
GAAGGCCTCGCAATGCCACGCCGCGCTCTGAGGCTCCACCTGCACCAGAGGCA  
GGCCATTGACCAGAAATGGTCACGTACAGCGTTGGCATGCGTGCCGCCGTACGA  
ACTGCTTGAGTACCTGCACCTGTTGCGAGCGATGTTCTTGTCCAGTAGGTAGAT  
GTTCTGGATGCCCGTGTCAAAGACAAAGTCGTAAACGTAAGTCATCATGAATCTT  
GCCGGTCTTCTGACGATGCCATCGCTGGCTGTCCAGCCAGCTTCGACAAAGCG  
CTGCCATTCCACATCTGTGAACTCGACGTGGTTGAGCGCCTGCAATTGACGCGCAC  
GTTGCCACCAGGTGGCAGGGGTCTGATGGACGAAGCGAACTCATAGCCCTGAT  
TGACCAAGATCCTGAATCAGCTCGCGCTCCAGATCACTTCGCTCTGGTAGCTCTCG  
CGACCTTCACTCCC GG GT TACCGGTGAGGACGATGAAGT CCTGGACTCGCGA  
TCGTCTGTAGTCGTATGGTCAGGCGCTCTGGCTGCCAAAAGGCATGACTGT  
TCTTCAGGTGGTCAAGCAAGAGGCTTGACCGTCGCGCTCTGGCCGGCGATGGCTGT  
CAACGGCCTCACTGGACAGCGTGTGACTGGTAAATTGATGATGCGGCCGTAGT  
ACAGCTGTTATCGTCTGGCAGAACGACTCAGACCACTCGGGTAGCCCAGGAAGCCG  
GCCGTTTCTCGTACAGGTTGCCAGCAGGGTAAATGAAACCGCTGACCTTGCTA  
TCAGCTATGCCCTGCTCGATGGCTGAGCGAGGTGAGGTGATACGAAAAGCTCTG  
TTGGAATGCCCTGCTTCCGTACAGCGCTAGCTGCCGCTTCGAAACGATCGAGC  
ATGTAGCAGCTTGGTCTGAGCTCATTGAACAGCACGTTGAGAACACAACGGGCTG  
TGCCTGGTGTGATGAACCTCAAGTCAGACTCACTGGATTGATCAGCCCAGGCCAGA  
TTGACCGCCAGCTCGATCAAATGGTTTCACTCCAGTGAGCTTACCGGGTACCCACG  
AAGACGTGGGTCAACTGTTGAAGACATTGGTGGAGCGGGTGGCGACTCCGGGAT  
GTTCACTCGGCGATCACTGCTCCAGCAGGGTATTGAACAAACCCAGATGAAGTT  
GCTTCTTCACCCTGGAGATCTGATGTGGGGCTGGAGCCTCGTTACCGCGCTC  
GAACGAAAAGCTGACAGAGGAAAAGTCCCGCCTGAAGTGTGGCGTCAGCTGTCG

TGGTATAGCGCTGGAAAGTGGTATGACGCTCTGGCCTGGCCTGCTCCAGCA  
CCCACCTGGTGAACGCATTGGGCTGGATCCTCAGCTTGGCTCGGCATCCCGTCCA  
AGTCGTTGTCAGTAAAAAAGGTCTCGGTAAAGGCCTGTAATAGACACCTCT  
TGTGGCCAACGCCGACGACATAAAATTCTCGCCCTCACCTTGTTGGTCAATCAACT  
GCTGAACCGCGTGACAGCGCGTCTGCCTGTACCGTTGAAGGCCTGAGATCAACT  
GCACCTCTTGTGGCGTCTGCAGTTTGAGCGACCTCCGCGAGCGTCTGCCCAT  
GTCAGGCCTCTACTTTCTGGCTGGGAAGCTCAGCAGTAGATCGCGTAATACG  
CGTACTGCTCTGGCGTAGTTCTATTGAGCGGAAACCTCGGTGAGGGAGTTGG  
TCAGCGCATCGAATTGTCGAGGATGGAGACGATGCGGACTTGCTCTCGAGAGGA  
GGGAAAGGTAGCTCAATTGCTCGAACGTGCCAAGGTTGATATTGCTTGAGCACTG  
CTTTTCTTCCCTTCTCCAGCTTGGTCTGAATGATTGAAGAAGGTATTCAAC  
GTATCCCAGCTGGTCTTGGTAGTCAGCCACAAATCCAATGACACTATCAGGAAA  
GCAGGCATCAAATCCAATATTGATGTTCACTGGCCGTTGCTGTACGTTGA  
TAGCGTCTTGGCCAGAGCTTACTTGCTTGGCCGTTGCTGTACGTTGA  
TTGAAGTCCGTGATGACGTGAGACGCGCTCTGATGTCACCAGTTGAATAAACGGC  
ACGTCGCCACCACAGCGCGCATCTTCAGGCGACGATGTTGATTTCAGCGG  
CCAAAATCAGTCGCCATTGGCAACGTCTCCACTCCACGTATCCCTCTCAAAG  
CTCAGCAACCGATCCGATAGTAGCTGATTGCTCTTGGCGCGGTGAGCTCGGTG  
GTCAGCTCGGTGGTCAGCTCGGTGAAGATGTCCAGGATGCGGACGATTCACTGG  
ATTCAAGCGATTAGGGTGTGGGCCAGGGATTGGGATGAAAGTCTCGCC  
ATATCCGTGGCAGAACGTCAATCACCTTGTGCCCTTGGCATACTTATCTTGGC  
TTGCAAAATCATCCGTCTCGTAAAGTGGCAAAGTATTCCAAACAGGCAATT  
CGGGCTCAAGATAGTCGCGTGGCCACCGTGACTGCTGGATTACCAAGATAGA  
CCAAAGCCTTCCCACGTCCCAAGGTTCACTTGTATTGGTATAACTACGTGCC  
CTTTCAACTTCAAGCTGCTTGTACTTCTGGGAGACGAAGGATTGGTCTT  
GTGGTTGAAAGCCGTACAGGGTATAAATTGGCCGTAGTGAATGGCTGGAATT  
GTTTCGGTGAAGTCCTCTGCAATCCATTCCCCGAATCAGCTCACCAAGGCTGC  
CCAGAGCCTCCACTCCACTGCCATCCGCTAGCAGCTCCAGAAAGTCCGGAA  
AGCTCATGCTCCGCCCTCCGCTCAATCTCCGCAACGATGGCATCAATGTCCCT  
GCGAAGTTGGTCACTCGTCCCGCGTGGCTTAAGGTTGGAGTTGAGCTGGCAAT  
GTTCAACCACCTCGCGGTTGTCTTGGCCTCAACGTAGCTGCCACCGACAGCTGTA  
GTCGTTGGCAGCCACCTGATCCAACGTACCGTCTGGCGAAGTGCTCGACATTAGC  
CTTGCTGCCGAACACCGCCATGATCTCCTGATGTGCTCGTCCAGCAGCAGGTT  
GTTGGTGCCCTTCTGAGCAGGCCGCTGGCGTCAAGTGGAGGTTGGAGACAAT  
CTTATGTTGGACAGCACCAGAAATGTTCACGGCGATGGTGGTCCGTAGAACAGGTT  
GGGCGCCAGCGAGATCACGCTCCACGTAGTTGTTGTCTACCAGATACTGACGGAT  
CTTCTGCTCCGCCGCCGCGTCAAGTGGAGGAGCTAACGCGTGCAGCACAAAGGCAA  
GGCCTTGCTGGAGAGGTAGCTAACGCGTGCAGCACAAAGGCAAAGTCGGCCTTG  
GATTGGCGCGAGCACACCTGCAAGGAGCAAAGCGGTGTCGTTGATCAGCGTGGG  
GTCGTCGCTGCCGATCCACTGAGTAGGGCGGGTTGGAGACAATGGCGTCGA

AGGGCTTGTGTCACCAAAGTGC GGTTCGATCAGCGTATTGCCAGGTGGATGTGGA  
ACTTGTGCGTAGTTGATGTTGCAAGAACATGTTCATCCCGGCCAGGTGATCGTGG  
TGTGGTTGATTCCCTGCCAAAGAACAGCGCTTCGATGACGTGGCTCAAACGTGCT  
TTTTGCCTGCAACAACAGCGAGCCCAGCCGAGGCTGGTCATAGATCTTGTGA  
TGCTGGTCTGGCCGTGCATGCCAAGTGCAGCTGGACACCTGCTGTGGCG  
TGAAGAACACTGCCGCTGATTGCCCGCTGGCGTAGTTGGAAATCAGGAAC  
CGTAGGCATGCCAACAGGTGATGTGGCTGGCATAAAAGCCCGAAGTCCAGC  
GCCGCCACGCCCTGAGCACGGCGGCCAGCCGGTGTCTGACGGTGG  
CCCAGGCGATTGCTGGTGTCAAAGTCCGAAACAGGCCCTTAATGTCCTGCTCG  
GAGGAGTAACCCTGCGAGGCCCTCAATGCCCTGAAGATGTCGCCAGGTGGT  
GTTCAAGGCCTCGTTGGTGTGCCCTGGCCACATTGACGAATAGCTGGCTGG  
GTAGATGAAGTAGCCCTGGTTTGATGGCGTCATCTTGGCGGCCATGCTCTC  
GTCATCGTCGCCATCGCAGCGTAGTCCACGCTGGCGTCCCCGCCAGTGTAGGC  
GATGAAGTTCTCGCTGATGAAGCGATAGAACAGCGTGCCTAGCACGTATTGCTGAA  
GTCCCAGCCATCAACGGCGCTCGGACATCGTGGCAATCTTCCAGATTGGTTTG  
CAGGGCTGCGCGTTGCTGAGCACCGGTATGACTGTTCCATCGAATCGTTACTT  
TCCCCTCATCGCGCCGCCGGCGTCCACCAACCACATCTGACAGCTGGAATT  
TCCACAGCCGCCCCACGCAGTGCCTGCCAGGCTTGCGCTCCTGCCAGCGTAAA  
CGATGTTCTCGCCACGCCAGTAGTTGGCGAACTGATCAGCGGCTACGCACGGCT  
CAGTGACCACAAAGGTTGCCTAGGGCATGGTCAAATTGATGAGAACGAT  
GAAATTCTATCAGAGAGGGGAGGCCTGGCTGTCTGCTACATGCCATGCACTG  
CTCGATCACTGGTTTGACACTCTAGTCGCGCTGGTGCCTGAGCGTTGGCATGGTGT  
CCGAACTGCCAACTGAAGTCGGAGGTTACGTTGAGTTTCGTTGACTCCGGCCG  
AGCCCGTAGCACGATCACCTCACGGAGCCTCGAAACTCCGCTAACAGCGGTACCCA  
CCTCCGACAAACCGTGGTTTGTCGCTGCATGTTGAGCGCAACCGACGC  
GATGCCTGCGTCGGAGGGCGGTGAATACAACACCCGCAAGGGGATAAGCCGCC  
GGCTGTTAGCGGTTTCGAGCCTCCGACTTCCCGTCCGCTGCCCTGCGGGCGGG  
CTGATTCCATGGAATGAGGAGCAGGCCATGTCGGACGTTGACGCGATGCGCAGTC  
ACACCCGGGCTACTACCTGCCAGAAGG

>CONTIG\_49\_length\_8415\_cov\_28.751810

ACCATGCCGAGTACGTTAACAGCGTCGGCTAATGATGCAGGACTGGGCTGATCGG  
CTGGATCTGTCGAGAAAATCAGGTTCAGATTGCCAGCACGACCTCACCATCCAC  
CTTCAGGGCGTCCACGATTGCCGGTCAGAAGGTACGCCGCTGCCGGCGTTGGC  
CAACACGCTCCCATCATGCTGGTAGCACCAATGAGCAAACGATGCCAGCAGTCGG  
CGCGGGGACTCAGCGGCTCTGCAGTACAAGTGCCTGAATACGCTCTACCGAAGA  
TCTCCGAGGTCCAGCGAGAGCGATTGGAGGTACTGGACATTGTAAGGGCCCGAC  
AACCTGGTCGTGCGGACTACGCCAAGCTCGCAGGCAAATCGCGCGGTGGATTAC  
TTACGAGATCCAGGCCGCAACCTGCTTCAATTCAAGTTGGCAACAAGGGGCAGC  
GGGTTCCGGTGTGGCAACTCAACATGTTCAAGCGCCGCTGGTGCAGGCGGTACTCA

AGCGTCTGCACCGTGGCGTTGATACATGGGATATCTACTACGCCTGACCGCACCTC  
GCGAGGAACCTGATCGCAAGTCGCCTATTGAGGCCTACTTCGGACAATCAGCAA  
GCGATGGTTGAGGCCTTGCCGGCGTATCTGAAGCAACGACGCCAGTCGTTGA  
GAAGCGAGTCCCCATAAACAGGATTGAGAATGCATGTCTGAATTGAGGCCTGGG  
ATGAACGCCAGCAAGGGAATGGGGCTCAAAAGGCATGTCTAAGTGCAGGCC  
CAAGTTCTCCTCTAATGGGTAGTCACCAACAAAGCATTACTGTTCCACTTACACTG  
GTGTTCCGTCACTCTCGCAGCATCGTCAAGTGTGACGCCAGCGCTTATAGGGAA  
GACCCACATGAAACCTCGGCTGAAAGTTCACTATCATTGGCTGGCGATCTCCTC  
GCTGGGTGGATGCAACCGTCTTAGCCACCGGGAAAGATCCAACAGCTCCGATC  
ACTTGGCGATACCTCGTATCTCCGAACCAACGTCTGTTGACTGCGCCGAACCTCA  
GCATCAGCAAACCTCTGCAACCGATAGTCTTGGAGAGAGGTCACGCATAAGGAC  
ATCAGTAATGGAGTGCTTGAATCCGAAACCTTGACGATAAGAACCGCACCGGTTTC  
CGCATGCGTATCGAACGTGCGCAAGGGCGAACCGAGACATAACGCTGAGAG  
GTGGCGGCCCTACTTTATTGACCTAGGGTGGACTGGCGATGAACAAACCTTAAGA  
GCTTGCTAGACTCGTGCCTCTAGCAAGTAGCAATAGCAAAGCATTGATTGA  
ACAGAGCATGCCGAAGTATACGATTGAAGCAAGATCACTCAATGTTCTGGTAGC  
TGGACACGATTCTGGTTTGCGCGATGAGCAGGGTAAAGCTATGCCAGTTGCA  
TGGTAGCTACTGATCGAGAGACCGGAAAGCACTGTTGGTAGGTACCGATGAAA  
CCAAGCATTGCTGCGTGGCACTCCGATGATGCAGCCTATGCAGCTTCAG  
AGGGCGTCAAAGTCACGTAAACCAGCTACATTGATGATAGCCAGCAATCAAACACC  
ATTGCCATAGGTGACAAGCCACCCACAGATTAGTCGGCTGTATGGACATCTTTA  
AGTAGCTGAAATTATAGGTTATTGCCGCTCAGACGGATGTCCATGGTAGAAAGTA  
ATTGCTGACGCGTGGAGGACGATTAGCGATCTCCAGTCGGAAACCGCCTTGG  
GATTGAAATCTTGAGGGTGGAAACCAAGTCAGATCGTATGTTGCCCGTGAGCT  
TATTGTTAGAGACTTCCATGGCAACTCAGCGTTCACGGTCGCTGATGCGCTCGAT  
CTGCTGGAATGGCATCCCTGCCAGCCTCTGCTATTGCGGAATACGTCGGATCA  
CTTCGCGACGCAAGGCAATTAGTGAATATTATTCGATATCAACTATGTCACCCCT  
CGTGTCACTCGGCTCTAACAGGCTGCGGATAAATCATCCCTGAATGGAATCT  
GGTATGGCCACAGGAAAGACGACAGCAGCTTCGTTGATGAAAATGGTGGAGGC  
GCCATCAGCCCAGGAAAGATGCTCGTAATTGGTAGGCTCAATGATAAGTGGC  
AGCTCGGACCCATCGGCAACACCACATGATCCTGGTGCCTAACGGCTGAGCTGCGG  
GGCTGTCGGCGATTGGAAAATGCTAGTTAGCTCAATGAGGCTCAATGATAAGTGGC  
CTGAGCTGCATCTCGTCAACTGGTAACGCCAACGGCTTGTGAGCAACCTG  
TGAATTGAATATCGCGGAAATAGAAGAAAGAGTTAAAGCCCTGTGAGCAACCTG  
ATCAGGATGACTTCTGTACAATCTTGTGATGACAAGCCAAAGGCTTCCA  
TCACTCGTTAAAAATGAATGGCAGGGCAGCTATAATCTGTCTAAGAATTCCGACG  
AACTACTATGGAAGAAGCAGGCTACTACAAGGCGACGAACAGCGATAAGCTTCA  
AGCATCATTGATGAAATGACGCATGCCAGGTTGATCGAAGCACCAACCGCGTTTC  
ATCATCGCCATCAACCGCACCCATCTTCTGCGATTGACACCAAAACGAGGACACT  
CTAGATATCCCTGGCTGAACCTAACAGAAGTTGACTTCTCCCTGGCAG

GATTAGAGAAAAATCAGGCTCGAAGTAAAATCTGCAGATATTAAAGCAGCCGAG  
AAAATGGCTAACGCTGTCATCTGCTGGGGCCAACAATCCTGCCACCACAGCACA  
GGAAATACATTGGCAAAACGTTTCTATCTAGGATATTATTCTGTTACTTGCTGAA  
GATACCGGAATCTCAAGTCCAAGCTGTTACCAATCACGTCGCTCGCACACGGCA  
GAGGACGGTGGCGACTTGAGCGACTACTGAGTCGCGATTGATGTTATGAATCAA  
GAAGGCCCGAAGGTGTTCCAGAATATCTGCTGATTCCCATAATGTGAATGGGGGG  
CTGTTGCCGACAAGCTACCTGTACCAAATTCAATAGAAAGTCACGAGGCCATCCTC  
ATTGATTGTGGCGCCGATTGAACCTGGTCTGAAATTAAATCCAGATATTTGGCTCA  
ATGATTCAAGCAGTGGTTGATCCGGGCCAGCGAACGCAATATGGGTATGCACTATAC  
CAATGAGTCCAATATCAGGAAAGTGCTGATCCTCTGTTCTCAATGAGCTGAACGA  
GGAGTTGAAAACACTCTGATAGCAGGGCTAACGCTGGAGCAGCTCTTCCGGTT  
AGAACACCTTAAAATTTGACCCCGCTGCGGCTGGCAACTTTTAATTATTGCG  
TACAAGGAACCTCGGCAGTTGAAATGAAGATTCAAACGGATTCAAGGAGTTGACT  
CCTGAAGGAATACTTCCGTTCTCCGAATCAAGTTATCCAATTCTATGGGATTGAG  
CTGGATGACTTCGCCACGAAATTGCAATCTGCTTATGGCTGCTGAGCATCAG  
ATGAACCTGAAATTCAAGGAAACCTTCGGGCACTGTAACCCCCGACTTCCTTAAAG  
AGCAGCGGTAAATGTCGTCAGTGATAACCGATAACGTGGACTGGATGCATTCTT  
GCCCCCAAAAGGAGCATGAGACATATATTCTGAAATCCACCCCTACCTTGGCGC  
ACGGAACCAAGAGCCAGAACAGAACAGGATCTGAACCATCTTGAAGGGATG  
AAGAATACAAAGATTCCGACTATGTGTGCTGGTTATCAAGGCGCACAAATTCA  
TTGCAGGCAAAACGCGAAGTATGCGTTCGTGGGACAAACTCCATTGCCAAGGT  
GAACAAAGTTCTATCTGTTGGCCAGAGTATTCAGTCTGGCTTGAGATTGACTTCG  
CCTACACCTCCTCAAGTGGTCAAACCTCGAACAGAATAATGCTGGTGTGACATGCG  
TTATCGTTGGTGTGAGGAACCTCAGCAGACAAGGGGAAGCTGCTGGAGCCGAC  
AGCTATAAGATTGTGAAGGAAATCAATCCTTACCTGATTGAAGGGAAAGGATATTAT  
GTTCGCAGGAACTCCGACATCCTTCTGGCTTCCGGCAATGTCCATGGCTGCATGG  
CCCGTGACGGCGGTAACTTATACTCAAGCCTAGCGAAAGGGACAGCAGTTTCAG  
CTATATCCCCAGTCTAACGCTCTTCAAAAAGCTGTACGGGACACAGGAGTTCA  
GGCGCAACCCACGCCAATGCCTGTGGATCGAGAACGAAACAGCTTGAGCTGCCG  
TTCGATCCGCCTATTAAAGCGCGCATTGATGCCTGCTACGACTTCAGGATGAAGTC  
AAAAGCTAAAACGACAAACGGCTACGCTAACGATTGCGCATAAATTGACAGCGCG  
TGCAGGGAAAAGGTGGATCGATCATCGTCTAAACTCCTCAGAACGTTAGGGAA  
TATGTGCCATTGGCTACATGGATAAAAGACAGCGTCATCACTGACGCTGCCCTTGT  
TGGATTCGCACTGTTGGTGGTCAACTAGAAACGCGACTCCGGTACTCTGTCGAAATC  
GTCTACAACACTTCCGTTCCGTACGTCAGCGAGAACGCGCTAACCGTG  
GAAAAAGCTATGGCTATTGTCGCCATCCGTGAAGATTACCTGAACACTAACG  
GACTTACGACCCGATACCATGCCTGCTGATCTGAAGCAGGCCATTACGAACTG  
GACGTTGAGCAGTGCTACCAAGATAAAGCCTTACAGCGACATCGAACGC  
TTGGAATGTCTCTCAAGCTACGAAAAATGATGGAAGCCGAGAACGCCTAATAT

CGTTGACGTCACCTACGCTCAAACCGGAAAAAGCACCAGCACCAACCAATTGGCA  
TGCAGAAATGCAGGAGCGAGCTTGAGCTCGAACAGCACCTCTATTAA  
AAGCCCCCCCAGCTCTGGGAAGTCTCGAGCCCATGTTCATGGCTCTGGACAAGC  
TCATAAACCAAGGACTGTCAAAGGCCATCATTGCTGTGCCTGAGCGCTCCATTGGT  
GTTGTTAACACCGTAGAGCTCAGCAAGTTGGCTTTCTCCACTGGACCGTGG  
AACCGAAGAACAAACCTCTGCACACCAGGTGGTACTCGAGCAAGGTCCAAGCTTC  
GTGGACTTCATGAAGGGTCCAGACAAAATTCTGATCTGCACTCACGCAACTATTG  
TTCGCCTCGAGGCACTGGACGATTCTGATTTGACAACGTGCTACTGCCATAGAT  
GAGTTCCACCACGTATCTGCTGATGCTGACAACCGCCTGGAGAGTTACTGCGGT  
GTCATGGCGAAGTCCGACGCCACATTGGCAATGACAGGCTCCTACTCCGAGGT  
GACAGCGTACCGGTACTGCTGCCGAAGATGAAGCCCAGTTCACCAAAGTCGTATA  
CAACTACTACGAGCAGCTAAACGGCTATACTTCCTCAAGTCGCTGGTATCGGCTA  
CCACTTCTATCGCGGCAACTACACCAAACGTCCAGACGCCGCACCCCCAGTGG  
TGAGGGTGTCTAAATACGGACCAGAACGACATTCTCACATACCCAGTGTGCAGTC  
GGGTGAGTCCACGAAGGACAAGTACGACGAGGTGGATCGCATCCTAGACTTCATTG  
GCACCGTCACCCATCGTATCCAGACACCTGTGCATTGTCAGGCAGCAGGT  
ATGGAAAGGTTCTGAAAGTTGCCGATCTGGTGCATGACGAACCCAGGGCTCGTGAG  
CGCATAGTAGAATATCTGCGCTGCATTGAGAACGCCAGAGGACATGGATCTCATCATT  
GCCTTGGCATGGCGAAGGAGGGTTTGAUTGGAAATTCTGCAACACGCCCTGACC  
GTTGGCTACCGCGGATCGCTAACAGAAATCATCAAATTATTGGACGTTGCACCCGC  
GATAGCAACACAAGAGGCCATGCACAGTCACAAATCTCATTGCACAGCCTGACGC  
TGGGGACGATTGGTGAAGCTATCCGTAAACACATGCTTAAGGCTATTACCTGTC  
CTTGCTCATGGAGCAGGTGCTTGCGCCAACTTCAGTTCAAGGACCAAGAAGGATG  
ACGACGACAAAGTACCGACACTGAGATCAAGGTTGCTGGCTGAAAGAACCCACC  
TCGAAGCGGGTTAAGGACATCATCGAGTCCGATCTGAACGACCTAAAGGCGGCAAT  
ACTTCTGACGATAAGCTTGTGAAGGCTTGCCTGGCAATGTTGATCCAGAAGTCAT  
TAACAAGGTGATGATTCAAAGATCATCAAGATTAAGTATCCGAGCTAACGACG  
ATGAGGTTGAAGAGGTCCGTACGCACGTGGTTGTGGATTCCGTATAAGAATGGC  
GAAATTAAAGCAGGAAGGTGGAAAGCGCTTGTCCGCATGGCTGACAAGTTCATCAA  
CATCGACGAACCTCACATTGATCTCATTGATCGGATCAACCCATTCAAGGCGTT  
CGAAATCCTATCCAAGTCGCTTACAACAAAAATCTCAAGGTACACAGGACACC  
TGAAGCTACTCGTGTGCAGATGAGTGACGAGGAAGCCATCCTGCTTGGCAAAGA  
TAAAGGATTCTGTAAGACCAACGACAGAGAGCCAAACATTGCTTCGCTTGACCCA  
TTGGAACGACGCATGGCGATGCTGTGGTTATCTGAAAGCTCAGCGTCAGCAA  
GGGGTCTGACCGTGGAGAAGGATGCCCTCAAAAAATCCTGGAAGACGATGACTTG  
GCCCTGCTCAATATAAGCCAAAGCATGCTCCATCACAGTGGATGAACGCCGCT  
GCTTCGTTCCAGCAGATCAATGACTTCTACCTCAGAACGGGAAAGAGCCAACATCG  
AATCCTCGGATATTCTGAATTCAATTGTATAACAGGCTAAAGGGCTCGCGCC  
AGCAAGGAAAAATGCGAAGCGTTGCACGAAGCAGATGAATACGGACTGCTTACCTA  
CATCGAGCCAGCCAACCTATTACCTCTGTGGCTGACATTTCGAGGATGACTCGTT

TGGTCTACTAGACGATGAAGCAGCCAGCATCTTGAACCTAACGCATGTTCCCTTGTT  
ACCTAAGGACATGCCTAACAAAGATCGCCCAGCGCAAACGCTGCCAGGATTGATC  
AGTTGAGCCATTTCACCAGTGCATGCAGAGCTCGTCGCCGGTGGTCGCGAAG  
CACGTGGCTCGCCGGCGAGCAGCAGATCCAGCCAGGTCACTTCTCATCCTCCACG  
GCATAACAGCCTATGTGGCTGAGGTGGTGGAGAAAGAAGTGAAGAACGGCAAGGTC  
AACGCACGGCTCGCTGTATCTCGAGAACGGCACCGAGTCCAACATGTTGCTCGT  
TCGCTAGCCACTGAACTGTACAAAGACGAGACGGGCCGTCGATTCTAGACCCTCAT  
GAGAAGGCCCTGCAGGCTTGACCAGGTACAGGAGTGCATGAAAAGTCAGGCTA  
TCTCTACGTCCCTCCGGTCACTCAGCACTGTGCCAGAAATTCTGGGGATCAAGAATCT  
GTACAAGATTGGTTACTCCACGGTCCCCAGAACCGCGTCAAGAACGGCAGCCG  
AGGAGCCTACCTACCTAACGGCTCCGGTTAACGGTCAAGGCTTGTGAGTGCATCAA  
CCTCAACCCGAAAAATTGAGCTACTACTCATACCTTCTCGGCAAGGCATGCTT  
GAACGTGGATGTGTATGACAAGCAGGGCAAGCGCTTCTCCACGCGAGTGGTTAT  
CGCTCCTCTGCATATTATTGAGGCCGAGCCAATATGTTGATTAACGGTGACATTGT  
GAATTATTGGTATAACCCGATGACGTTGGAAATCACGGAGCGGTAAAGGGCAATTAA  
CCTGTGGGATGAGATCCTGCGCGTGGAACACCCGAGTCAAAGCGATGCCGGAGC  
TAAACCGCTGGACCTGAACATACCCGACTATGGTTCAAGGTCTTGGTACACCG  
TCAACAGCAATGCCGCCTCCGCACCTTGGCAATTGATGAGTTACCGGTGGAGG  
ATTCCTGGCAGTATCGAGCCGGCCTGGCAACCGTATGCTGTCAGAGGAACGTA  
TAGAGGAACTGCGCTACCGCGAGCA

>CONTIG\_50\_length\_8316\_cov\_5.016119

GCCGATGACCTGCTCGTCAGTAAAACGTTCTTCACGTCCAATCTCCTCGGGTAGG  
GAATTGGACTCCAAACTGAGGCCTACTCAAAATTGGGTGGACGTCGACGCCACCT  
GCTGCCAGGATCATTGGCTGCCAACCGCCACTCAACGTCCGGAGCGAAATCGAGA  
GGCATCTCGATAGGCTCATCGTCTTATGGACTCGATTCCAATGGTCAACATCCAGC  
GTCAGCTGAAC TGCACTGCCGATCATCTGCTCACGTCGCTGGACGAATGCTTTCTT  
GCGATAGGACGGGAGCCTGGTCAATATCTGCCAACACCCAAGTGGCTGCCGTT  
GCTGTACTCGGTGTATGCCAGATTGATCGATACGGCGGCCGGTCACCTCGTCATG  
ACGAGTCTCCTCGCAGCAGCGCTCGAGAACTGCTCAGCGAGCCGATCCAGAGCAC  
TTTCGGCGTTGGTAGCGGCCACCCATCTGGCAGCAAACTTGCCACCTCATGCA  
TGTTACTGACACATGCCGTAGATTGCGGTACAGGGGGATGATTCTCTGCATT  
CTTGGCGCTTACGGGCCATCGTCACCTCTACTCGGAAATCGGGCGATGTTGCC  
CATCCATCAACGATCGCACCTGGCATCACGATCGACCTGACCTTAACCAGGTATCC  
CGGAAAAGGTTGACTTCCAATCCTGCGCTGCAGTTGACCCGCAACTAACGCTGGA  
TGGACCTTGAGAGTTGGCAAATCCGACAATATCGTCCCTGTGGAAAAATGGCGC  
CTTCTTGCAACGAAGGCATCCATCTTGCCCTGGCACTAGGAATTCCGCCGCC  
TAGATTGGCAGCTCGCTTCCTCGGCCACATCGTGCAACGCGCCCGCTGAGCC  
GTCGAGGTCAGCGTCAACAAACAGCTTCACCTTGCCATCACCCGTAAGACATGTT  
GAGTTCATGCCGAAGGACGAACCAAAAGTTGTCGATGCGATCGAACCTGACGCTCA

TGCCGATCACTGGTGC GG TGCCGAGAGCCACAGACAGACGCCGTCAATTTC GCGC  
TCGGCAAGGTCTCAACTATGACAAAGCGAATGCCATGTCGGCCAGAACCCGGGG  
ACCTTACGTGCTTCTCCGCCGAAGCCAGAAGGCTACTCAAGCGTTCAATTACAGCG  
CGGCCCTTGCTTCCGAATAGACGGCGCGACCATTCACTAGCCAATCGTTTACA  
CGATACAGCCAAGCCAAGTGGACTGAGTTGGTGTGCTGAAGCCCCGACCTCAGACCGCTTG  
GCGCATGTGGAGAAGTTCAATCTGCTCTGGTGTCTGACGCCAAAAACTGCGTC  
AACGCCGCGTTGACGGCTGGACGATCTCGGACTGAGGGGGCATTGAGCCAGCCGCG  
CTTGATCATTGCCGAGAGTGGCAGCTCTCCATAAATCAGCTGACGCTGGCCGCCTC  
TGGGTCCGGCGCTGCTTAAGCGTCAACAGCAAATCGTAAGAGGCCTGTAGGC  
GGAGAAAATCTTCAGCCGGCACTTCAAAGACCTGCTCCAGCGTAAGAGCGAGCATT  
GCGTTATCGGCTTCTGTCACCGACCAATCGACTAGCAGTACCCCTCATCCACTCCTA  
TGACGCCGGCAAAAGCGCGATTGTTCCAGCCCCGAGTTATGAGAAAGCCCGTCAGG  
AGCTGGCCCGAGTGGTCGATTCATCGTCATGAAAGAACGATACTGAGTTGGC  
AAAATCGC AAAACTCCGTTTACCCAAATTGACAGATAGGCAGTTCCCCTCGAA  
CCGGCGATCTGATCGCAGGCAAGCCATCGAGATCTGACAGGCCTGAGTGCCTCG  
CCCAGGCTCACGGTCCAGCTCTCAAGGTTATTGTCAGCTGATCTGGATGCTGCCCG  
TCTGTCGCAACCTACTCCTCTGCCCTGCACAGCTCCAAGCCAAGCGCAGCGTCTC  
GGCGTCTTCACCGCATGATGCCGACCGGGCCGGAGCAGTGGACGGCTCTCGAATA  
GCCACTCGACCTCCGACCAATCCAAGCATTGTCGATCAGCAGACCTCGGACCTGAG  
GGATTGGACCACATTCTGCGCTAGCTCATCGGCATGTCGAAACCCGCCAGTACAT  
AGCGCAGCAGCACCAAGTCGTGGCATAGCGGCATCACCAGCGCGCTGGTC  
GCGGCCAGAAAGGCGCGAGGCCGGTGGTCATAGCCATCTCGACATCGAGAACGGA  
GCCGCCCTGCAGCAGCGGTAAACCACGTGCAGCACAAAATCGGTTGGCGTGGCG  
GTAGCGGCCCGCTCGGCATAGAAGCGACGTACCCGCTCGCTCACTAGGCCA  
ATGCTGACCAGCTGGATCCCATTGGGTCTGCCACTCAGCATCGAGGAAGAACG  
ACCAGAAAGTCGGCACGCCGCGTTCAAAGGCTCGAAGTCGGCGCCATCTGCTCG  
GCTGGGGGGGGCCTGCTGTGCTGCAGCTCGAAGCTGATCGGGTACCGGCCCTCCA  
GTCTCGAAGGAATTGCAACCGCTTCCGGCTTGGTCCACCCAGACCTTCTGGC  
GGGCCATCCAATCCTGAGCTTAAGACCAACGACTGCTGATTGGCCTTCATCACG  
GCGAGGTCTGGATCCTCACATAGCGCGTGTATAAACACAGACCAGACCACTGCTCA  
CGGTCGTTCATGCCGGCAAAGGGCGTGGCCCTCCGAATTCTGCTGACGGGATA  
CTTCGCCCTGGCCGGCTCGAACCGGCATTCAATTGGCATCAGGAGGACGCCAACGGG  
GGTGCCCTGGCCGGCTCGAACCGGCATTGCCGCTTATCTGGCGTGACGGGATA  
TAAATCCGCTGCTTACCAATTGAGCTACAGGGCGTGATCGATCAGCGATCACGC  
CGGTATTGGCAAAAGATGATTACAGCAGGGAAAGCGCATAGTCGGAGCGTAGC  
ATATCCATGCGCTACCTATGGCCCCAAGTTGGCGTGATCGTCAGGCAGCGA  
TATCGAGGC GGCTAGCTGGCATCAATCTCGCACCAACTCTCCTCATCAATTGCC  
CCTGCCCTACCAAGGCATGGAACACCCCAAGCAGGTAGTCATAGGCTCGACGGG  
TCAATACCCAAACGCCCAAGCGAACGGCATCCAGCGCCATCCCCGACCGCAGATG  
CAGCTTGGTGACGATGACCTCCAGGGCATCGCAGACCTGGATGACCAAGTCGTC

GTGCGTCTGGCTGGGTAGTCAGTGAGGC GG GTACCC TTTCTGCTCATTCT  
CGTCTCCTGTTAGACGGCTTGTGCAGGCCGCCGGGCGCAACCCGGCGTCGCCA  
CTGATGCGCCAACGACGAAAACAGCTAGACCCCCTCTCCAGTGCCTTGAAAG  
CGCCAGGGT GATA CGC GGC CTTGGGATACCGAGCTCGTAGAACGACGATCGA  
TCTTGGCCAACAATTCTGGCGCAACGTATGCGT GATCTGCTCACGCTTACACGCA  
TCACCCCTCGCGCGACTGATCAGCAGGTGAGGGCATCTTGCTTGAGGTCTTT  
TAGGATCCATCGGATAGCCTTTCATCGGTACTGCATGATCTCTGCCGGCTGCTCTA  
GCACCACTCAAAAGAGCCAAGCGCCTTGGTGGACGCATTGCGTAGTCCACCC  
CGCTGTTCCGCAACGGTCTCTATTGAGAGATCTGCCTGGCAATCTGAAGATGTCG  
ATATCGCTGGCGCCGAAGCGTTGCCAGCAGCTCAGCCCGCACCGCATTACGGGC  
CTATCAGCAGGCGGAATGTCCGACAAATCGTAGGGACGTAGAAAAAGCGGGAGCCC  
AACCCCTCACCTGGCAGGAGGCAAATACCGCTGCAAATGCAAATCGTGGCCAGTAG  
GATCTTCTTGCA GATGCTCGCGTCGCGATGTGGCTGAGTCATGAAGAACCGAGCC  
GGCGCCAGCGGTCCAGGGAGCGCTGCAGAAGCTGTAGGGATTCA CGCTAATTGCA  
CTGGTGT CGGT ACCATCGACCCATGCCGTCGCCTCGGCCCGACTCCGA CTGGACCG  
TCGATGATGGATATTCGTGTGACCACACCAGCGTGGGCACCGCCTCTCCAGACCA  
AGACGGCTGAGCTCTCATTAGAAAAGAAATCTCGAACTGTGGCACTAGCCTTCC  
CAGATAGGGATTGCCCTGACCACGTCTGATCAACAAAAAGCCGCATGGCGTTT  
TCAAGGCTCATGGCGTAGCCAATGGCGT GATCATCGATCACGCTT GCAACCAGT  
GGCAGTTCCACGCCCTGGTGTGAGCTGGCATTAGCGAATCGATTGACCAGCCA  
AGTCGACCAACTGCGCGGCTCTATTGCCCTCCTGCAGTTGCCAACTCCAATGATT  
CAATGCGCCTACGCAATAAATCAATCACGCTTGTGCTCACC CGCGGGCGCCCG  
AGGC GGCC AAGCGCTGCTGAAGATCTCTAACCTGTCCCTGCCGGCGGGAAATATT  
CCGCCACCAGATACGATCGCATTAGCCGCTGCAATTGCA GCTGTGCGCAAAC  
GCTCGTCTGGACACCGCGCTGGTAGTCAGAGTACGACATAGCCAAGCCCCGCTA  
CCTATCGTTGACAACAAAATTACACTTCAAATCATCGTCTTCAATACTAATT CATT  
GTTATTTAAATTGAGAGTAAGTTCACATTGAATCTGACGGTTGGCAATGAGCC  
TTGCGGCCGTAATTCTCCGCCTGGGATTGCTTGGAACTTGATCGCTTTCATGGCC  
TTGGTCAGAATTGCGTCTCGCCTCTAGCCTCATGCTGGCCTCGATCACGGCTTGGT  
CAGGGGAGTACTCCAAGATCGTTGCACCACTGTGACCTCGCTAAAACCGCTCCGT  
CACGGCCGGCTTGGCTGCCCGACATTGCCCATCGATGCGGCCCAACCAACGC  
GGGTGTGGCGCCTGCCGCTTGATCGCTCAAGGGCAACCCGCGCATAGCGTCCGA  
CGGCCGAGGTGGCATTCCCTGGCAGCAGCGGCCCAACTCCGCCGCGGCCGCG  
GCTTCTGCCGCGAGCTGAGCGCGCGCTGCAGCCCTGGCGTGCTCAACCAACTG  
GGCGAATTGCA CCGCGGAAGATCCCTTACCA CCGCGACCAGCGGTGCGAGCTGGG  
CGATTGATCTGCCTTGGCTTGGCGGTGGCCTCAGCCTCCAAGCGCTTGCCTC  
AACCCCGGTGCCCGGCAGCCGAACCGCAGGGCGTATAGCTCCGCATACCAG  
CGGTGAGACGCTCGCGACCTCCCTGGTCTCGACCACCGCCCTCTCAGGAAAC  
CACCCCTCTCGACAACGCGCGGTTCCAGAGCACTGCCGGGATAGCTCAAAGGC  
CGCCCGACAGCCTCCAGGCCGGCGTAGAACTCTCGCACCGTAGTGTGCTCGCCCTG

CTGCCCTCGACGCCACGGACCAAGCCATGACGCTTACCAACCTGGCAGCGAAGTC  
GGTCTGCAACTTGGACAGCTTGGTCCGACCGTCCAGATAGTGCAGGCAGATAGGC  
GAACGCCGGCAGCCTGCTCGATGCGCTCTCCGTCGCTGGATGGCCGTCGGGAT  
TGGTGCCGGCGATCACCAACCGATTTCGGGTCTTGGCCTCGATCTGACCAGCGCA  
CAACGTAGACCACTAACAGGGGGTGAGCTCGTCGCGCTGGATGTTCGCGGAACG  
ATGTTGGCCGCCGTGCTTCGCTCAATCCAGTCCATGGCGTCGCGGAAGTACGCT  
TCACTATCCACCATCCCACCGTTCTCGAAAGGCTTGATGGTTCGCAGTGATTAGA  
TACTCGACACACCGAACCGGCTTGGCGGCAGTCTTCGGTGACCACCGCCAGCCTC  
CGCTCAACCGCTGAACGAAGAGCGGCTGAACCTGCTGACCGTACCGAGATCCTGGTT  
GTCAGGTGTGCGGGATGGATCGCGTTGTGGTGGGGCGCTCGCGCCAGGTGTGGG  
AGCCGGACGCGCCCACCTGCGCAAACGTGGTCAGCTTCTTAACCGGAATGATGACG  
GGATGACTAGGCACGTTGGAGTCCAGAAAGTAAGGCCAGATCAAGGGCGCAGCCCGC  
AGGCGGCCTGTACTCACTACGGAGGTTGTACGGGCTACGCCCTACAACCTCCTCGTT  
CGCCCTGCGGGGCAGGTGATCTCTACGAGATCACCAGAACAGCATAACACACC  
GGACGAGATCGGCTGGAGTTGTGACGACAAAGAACAGCAGCCGCATCAAGTGCCA  
TAGGCAGCGCAGCTGCAGCTGCAGCCGACACCGCTCTGCGCGTGCAGCTCCTC  
GGGGTCTGCCACCCGCGCAGCCTGCTCCAACCTCCACCGCTCTCAGTTGCCGCTC  
GGCCTCCTCCCTGAACGCCGCTCGCGCTCTCGCGACCGCCCTGCCAGCGTCGGG  
AACAAATTGCCAGCGCGGCGAGCTCAATGACGGAAAAGCCAACTCATTGGCT  
GCTTAGGAGGCGCTGCCAGCCATCTGCCGGCAGTCGTCTAGCACCTCCTGCC  
GCACACCATCAAACAAGCCATGCTTGCAAACCTGTCGTCAGTACTACTACTTCG  
GCGCTCGAGCGCGTCCGGCCAGACTAGATGAGGATCGGTAGTAGTACTGGTC  
GTACTAGTGGTGTATTAGTGTCTTACAGTCTGATCACCGACGTCGGCTGACCG  
GCTTCCGGTACCGCACCCGGGACCGGAGTGCATTTCTCGTACTTCGGTAGTTG  
GTGGGTGGAGATTGCGGTGCCGCAGGCGGTGGCGACCTGCACAGCTGCGCGAGTC  
ATAGAGCGTGGTGGTTGTAGACCATCGACCTCGCCCGTCTGCTTTCTTGCACG  
AGGTATCCCACCTCCCGAGCTCTCAGCGCCCCAAAATCTGTATGCCCTCA  
CTCGGGGAATCGGCAGCCAGATCGTCCGCCGTACCTGTACCCATCGACATTGGTC  
AGCAGTCGTATTGCCACTCCTCTAGCGAGGATCGACAAGCGTTATCTGTATGAGA  
TGGCTGGCACTACCTCGAATCGTCTGACGCACGGCTCGTGTGATGATCATGCTC  
TGCACGCTCCCTGGCACTTGCCTGGCATCGCGCCGGCTGCTCCGACGGGGTGCA  
CAGTAGCTCCAGTGGCGCCGGGACGGCGGGCTGCTCCGACGGGGTGCA  
CGCCTGCCGCTGGCAAGCCATGCCAGGACATCACTCAGGCCACCAGCACCAGTTTG  
CTGCCCGGGCGCTGAAGGCTCCGGAGGCGCAGATGGCGCCACTTGGCTGACA  
CAAGTACAGCCGAATTGACTGGCTACTTAGGCCGGTACGATGCTCAACTTTGAC  
GCCAATGGCCCAGGAAGCTCTCAGCGACAGCTTCAAGACACTAGCAGGCG  
ATATTGTTCTTGTACCGCGAACGCCATGGCTTCAACCGCTGGATAGGCTGGCGGCG  
CGAATGAGTCCCGACAGCCATGGCTTCAACCGCTGGATAGGCTGGCGGCG  
ATCCTGGGTGTATACAACGACCACCTCGCTGGCGTTGAGCCGATGGCGGGTTGT  
GCCCGTTCTAGCCTGCTCCCCCGGGCGTGCACTTGATTCCGACCTCACTCAG

GTTCGGGCGCTAGCCTTCGCTCGTATTGCCGAGTCTAGTCGGCGATTGCCGCA  
TGCCACACGGCATCCTTCATACCCGCGAACATCAGAGAAGGCCTGCCAAGCTACCCCTCCCG  
ATACAACGATCGACACCAGTACTACCAGCGATTGCTGAGGATTGTTATCGTTG  
AATCACGCTGTCAAGCCGAGCTTATGAGCGCGCAGCCTGGACAAATTGGGACA  
GCGAGCTCTAAAAGCAGTTAACACGCTGTATTATCGCCGTTGAATGATTTCCTT  
GGAGACACAAAAAAACCCGGAAATCCCGCTTTCAAGGTTACAGGGTCAACCTGTGACCCCTACCATGTCA  
ACCCCTCAGGAGTTGGTGGCGGTACAGGGTCAACCTGTGACCCCTACCATGTCA  
AGGTACGTAAAAACATTGTTATTCAACAGTTGTGA

>CONTIG\_51\_length\_8221\_cov\_17.754880

GACCAAGCGTTGCACGAGAATTGACCGGCGCACTGCATGCCCTCGACCGGCTGGAG  
TCTGGCCAAAAGGAGACCTTCGGGGAGTCTAGAAAATTAGGGCATTAGTCGCGG  
CCAACTAATCCTATACAGCCTACTGACTGAACCGGCTGGACGCATCAGTCCCAGA  
AAGAACCTCTTACCCATATAACCACTTGCTATCGCAAGCAAAGCACAGAGGG  
GCACGATCAATGACACCAGAGAAGTTCATGCCACTTGGAAAGAACAAACAGCTCAC  
AGAGCGAGGCGGCGCACAGCCCCATTTGATGATTGTGCGAAGTCTCGCGTAG  
ATAAGCCCGCGATCTGACAATTACTGCTTCAGCGCGGTGCCAAGAACAGTCCGGA  
GGTGGGATGGCTGGCTGATGTGTGGAAGCGCGGCCACTCGCTTGGGAGAACAA  
GAAACCAGGCCGCGATCTGACAAGGCCTGAAGCAACTCACGGACTACTCCCTGC  
AACTCGAAAGCCCACACTTGGTGTGCGACCGTGAGCGCATCATCCACA  
CAGCCTCACTGGCTACCCGGACGAGCCGCGAAATCCGCATAGAACATCTGGTG  
GATAACGGCAAGCGGAAATTCTCAAATGGGTGTTACCGACCCGCTGAAGCTGCG  
GCCGAAAAGTCCACCGCCGCGTCACCGAAGAACCGCTCAGCGTTATGCCGAGC  
TAGCCGAAACCATGCGTCAACGCAGGCAAGACAGCAATCAAGTGGCGCACTTTG  
GTCCAGTGTGTTCTGCATGTTGCCGAAGACGAAGGACTGTTACCTGATAAGATT  
TTTACCAACCTGCTCGCCGCCAAGAGCGACGTGGCGAAAGCCCAACCGTAT  
CGGGAAAGCTATTCAAGGCCATGCAGGAGCCAAGAGGTGAGTACGGCAACGACGAC  
ATCCAATGGTCAACGGCGGCCTATTCAAGCAGATTGCCCTACGCTGACCGTT  
AGCGACCTCGAAACGCTACGCGCCGCTCCGCGACATGGACTGGCGCGATTGA  
CCCCACTATCTCGGCACGCTGTCAGCGGGCTTAGGTAGCAAACGCGCCGCGCT  
TGGCGCGCACTACACCGACACTGGCACGATAGCGAAGCTGGTTGAGCCGCTGGTGA  
GCGGTCCGTTGCTGCTTGAGTGGCAGGCCGTGCGCAAAGATGCCAAGGTCGCG  
CCGAAGTTGGCATGGTAAAACGCGGGCAACAAATTCCGCCAACGACGCATT  
GCAACAGGGCCAAGCACTTATCAAGGCTTCTGCTGCCCTGCCGACTTCGCGT  
GCTTGACCTGCTGCGCAGCGCAACTTCTATACCTGGCGCTCAAGGACTGCG  
CGACGTGGAAAAGTACGCGAAATCGACGCGCAGGAACCTGGGCTGCAAGCCGAG  
GTCAGCTGCAAACACTGGCCCGACAACATCCTGGGTCTGGAATAACGAATTGCG  
GGCGGAACATTGCACGGGTACGGTGTGGATTGGCGACATTCAATGGTGTGCG  
ATGTATGGCCGACAGCCTGAACCCGATTCTTAAGCCGCTGGACGGCATCGAGAAC

CGCGATGCCTGATCAACACAGATGGCAGCCAAGCCAATGGCGAAGGCTGATGT  
GATAGTTGTAACCCACCGTCATAGGCAACAAGAGGATGCTCGGTGAGCTGGCA  
AAGCCTATGTAGACCAGGTGCGCTGGCATATAAAGACAACAACCTGGATGGTGTG  
GACCTCGTTGCTTGAGAAAGCGCGTTGCAGATGGAACTAGGCACACTG  
CAATCAGCCGGCTGGTTGACCAATTCCATTGCGATGGCGAACCCTAAGGTA  
CTCACTCGCATCTGGAAAAGTCGCGATTTCTGCATGGAGCGACGAAAAGTGG  
TGGGACAACGGCGCTGCTGTGGGGTTCCATGACGGGCTTCGACAAAGTCCCTG  
AAGCCGCATCTGGATGGTGTGAAGTCGCGGTATTGCAGACCTCACCGCAGG  
GATTGATGTTACGAAAGCATATAAGTTGCGCGATAACCTGAATGCATCATTTCAGGG  
CGTGACGCCATCGGCTTCAGTAAAAGGACGCTGCGAGAGAAAACCTGAGCTGCCCG  
CCGCCAGCTCAATTGAAAGGGGACGAAGCCAGAAAAAAACTAGTAGAGCCAGCC  
ACGATGAATGGGAGCCCAGGGCGCTGTCGTTGCCCTATCTGGGTGCGGATGAC  
ATTACTCGCGCCGCTTGACAGGTTACCATCAACTTGTGGCCGACGAGAAG  
GCGGCCGTGATGTTGACAAGCCGTTGCTGCCATCTGAATGTGCGCTGCATCGG  
CTGCACACGAACCGCTTCAACGATTTCAGAAGTATCCGTGGCAGTCGGATGG  
CCTCGACCAGAAATGTTGCGGGCTGAAAGGACTTCGCGCTACATCTGATTCCG  
CGCCACGCCAACGACTACCTCTGCGTGTGGACGCGCCCTACCGTCACCCCCGGCGAC  
GCACTTGTGTTGCGCTCGTGTGACGACACTACCATTGGAATCCTCAATCCCGC  
ATTCATGAAGTTGGGACTGCGCTCAGGTTCTCGCTGGAAGACCGACCCGCTAC  
ACCCATACTACTGCTTGAGACCTCCATTCCGACGGTTGACGCCAACATCC  
CTGCAGCGGAATACGAGCCGACCAAAACGCGAAGGCGATCGAATAGCAGCGCA  
AGAACTATTCAAGATGCGCACCATTACCTCAATCCGCCAGTGGACCGATTGGAT  
AATCACTCCGAAGAGCAAGCAGCCGGTTCCCAAGCGCCAGTTGCCAACGCTG  
GCAATGCAGCCGATCTGAAAAAGCGCACCCCTACCAACCTCTACAACGCGGCC  
GCGTGGTTGGTCTGGCGACGAAACTTGGACAGGGCTGTGGCCGCTGCATACGGC  
TGGAGTGAATCACCCCCCGCAATGGAAGACGTCGAAATTCTCGCAGGCTACTGGA  
ATTGAATTGCGCGATACGCAGCATAGGAGATTGCGCAAGGTCTACGTGATCG  
CGCAAATCAAACATTGGTGGAAAGGGCGAAAGAGAGTTGAGATTGCGACCGTGCATCG  
GGTTGGCAGGGCCATTAGATGTGTGGAGGGTAGGTAGACCGGATTGATTGAC  
TGCTCATACACCAACTCTGCCGGTACTAACCGGCAGGTCTGGCCGATTCTGCC  
GTCAGGGTCGGCCAGCGGACTGGTCAAATCCGATGCAAACGACTGGTCAAGTCGAA  
TGCAAATGGTGGTCAAATCCATGCAATTACTCACAATGCACGCCAGCGTGTTAG  
ACAACGCTCACAAGTCGCTCTATAAGGCAGTTGCGAGATGCTTACGGTGGAGTTGAATGAGC  
TCCGCTCAAATAGCGTCTGGTATTCCCTGTAAGCCTCTCCAATGGAGAGACCA  
TGATAAAACCTAGCTGCCAGCTAGGTTTATAACTCTGAGGTTATGCTGGAGCCA  
GTTGATGCCACCTCACTGTGAACGTAATCCAAGGATGCCACAGGATTGACCTC  
GCTCTCTGAAGCCAGCCAGCAGCAACTACGTTGCTGGCCAGTGTGGCTGGGG  
TGTGTATACGACAATGCCAGGTTTTCAAGCAGCACTACACGTCACGTAAAGTAG  
CCTACGAGTACGTGCTAGTGCCTGCGTCACGCTCGTGTCCCAGTCAGTC

TTTGTGGTCTTTACACCCAGCAATTGTCGTAGCTGAATAAGAAGCCGCCTGCCT  
CCTCATCATTGATGACAACCATGACCCTGGAAACTCTAGTCCTTACACCTTGATG  
TGTGCCGTAGGGTGAAGGCCATCCGCATAACTCGCAAAGGCTGCCAGCTCCGAAA  
ATGGACGCTCCAGAAATTGCTGGTAGGCGTAGTTGGCATCGCGTTCGTATCTTCAG  
GATCTGGAGCCTCACCAAGGGCTCCAACACCATTGCCCAACCAGATTTCAGGGAA  
CATCAAGCAGTTGGGTTGCTGCAGAAGCGTGCACCTCGCTCAGTGTGGATTGC  
TTCTTCGAAAAGAGAGAGCAGAGCTGTGTCGCGTCCTACCGCCTGTATGTGGG  
CCGATTGATGCCCTGTTAATTGCATAACATCCTGCTCAGCAAGGGAGAACGAGAGC  
GTACGGCTTCAAGCAGGAGGAAGTGTATCATCCTAGCGTTAAGGATGGGAAGAACG  
CCTTCGCTGAAAACGCGCAGTGCAGGAGGAGGTTCCATCTAGCAAGCCTGTTGAAGG  
TGCTCAACCGCGTATAGGGGGTGAACAGCTTCTCGAAACCCATCCGCCGTGCAGC  
CATCTTATGTTGAGGATCAAGGTCTTCGGCCTTCAGGGCCGGTAGCCCATCCGCT  
GTCATCGGTGATTAAAGCCATCGAATGAGCGATGCTTCCTCCAGATTGGAGCCCG  
TTCTGGCTTGACTAATGCAATACATGCGCACTACACCTTAATGGCATCAGGCTTT  
GGGGTCTGCTGATGAGTGTCTGCAGTGCTCGAATCACATTGATAAGGTCTACCACC  
CTACGAGGGCAGCGCGATTAACGACCTTCAGGTTCAGCCAGTCACCCGGTATC  
GCTTATCAAGGCGCGTAACTCCATGGCGTAAATCTGTTGCATGGTGTGCCAGT  
AGTCCCAGGCAGAAACGTGTCGTCGATTGCTGGACTTCAGAAAAGCCTCCATT  
ACTGGAGCGTGGGTGTTGGCTTCATCGATCAATAACAACGGTAGCGGTCCACT  
AGAACATCCAGCAAAGGGCGTTCAGGAGCGAATGCTGCAGTTAACTGATGACCTC  
ATCGTATTGAGCGCTGCCGCTCGTTGTCGCGCTGTTGGCTGTAGATGAACCT  
CGTAATCTCGTCGAGAGTTCAAGTCTCGTGTGTTGCTTGTAGCTCCGTCTGTT  
GCTCGAGAGTTTATTGTCGCCCTTCAGCGTGTGCTAGCTGCCCTCGATCTCTCAA  
TGTCTGGCAAGTTGATCCTAGCCACTCTGATCTGTTGTCGAATCCTGGAT  
TAGGCGCCATGCGAACCGCGTAATAGTCGAGACTCCACTAGGGATCAAACCTA  
GCCTCCGAAGAACCTCGTCGAGGCTGCGTTGTTGAGGTGATACCGCAATGCGCC  
GGCCCTCGAACGTCAGCGTTCTGCTCGGACTTTGAGTTGCGGGATAGCCTCGA  
CGAGTGAGTGAGTTTCTGAGGCCAGCAGCTCGTAAAGAAAAAAACTCTCGGGT  
CTGCCAGATTCAAGCCTGCATAATGGTGTGGCATCTGCGATAGCTGCCTCGC  
TCATGGCGTCACCTCACCCCTGGTGGATTACAGCAGCTCTTGTGCTT  
CGCAATTGGACTCAAGCCAGTTGAGGCCTCACAGATGTATTCAAGGATTGAGG  
CTGGGAAAGTTTGTGCCAAAACGAGCAACACAAACTCTGCTTCTTCCTCG  
CGTAATTGTTGAAAAACCCCTGTCGACGGCTCCAATGTTGCGCTTCATTCAA  
ACTTTACGAAAGCCTCATCAGACCAAGTACCGTTGCTTTCCGCAAAGTGACCA  
GCGTTGCTAAGCACAAAGCTGCTTCAAAGGTATTGGAAGAGCTGTATTGCTTCA  
CCAGTAGCGGGCAGGTGGTGGAAATAGGAGTTGATAGGCATGCGTACTGAGTA  
CAGGTGCGATTGGTGTCTTTGGTGTGCTGGCAACTCAAGCAGCTCATCCACT  
GTGCTGCCAGATGCATCAGTTCATCCAGCTCCGCAATGTCGGATTGTTGTAATCT  
GATCTGCGTTCTTGACCCGGTTGCAAGCTTATTAGCCCTGCATCAAGGTCTGT  
AAATAACCAGGGTGAGGATGCCAAGGGCGTCAATTAAAGGCCTAGTCGGTGTGCGT

GACTACCACCGATATCGAGAGTTGTGATATAGCAGCGGTCAAGGAATGGAAACTTA  
TTTCGAAAAAAATGCGGCAGCATCATTGCTCCGCTGAACCCTTACCAAGATGACG  
GCGTCGGCGAAGAATATGTCCGCGTGTGCCCGAGATACTGGTTACGAACCTCC  
TTCGTCTTGTCCCTCGCCGAACACGTTAGAGAGATTAGAGACCGTCGACACCGGT  
ACACCGATGCCATACATCCCAGCTGGGAGTCGCCTGAAATACCTAAGGTTCTGGTAC  
TCCACTTCATGTGTTACATGGCTGGAGTGCCTGCTCACAAAAGCTGAGTCTTCAGA  
TTGGGTAGCGTTCAAGCAAAGCGTCTCGGCATAGAACCTGGTAGGCGTGCACGACG  
AACACTTGTGCACTTGAACATGAAGGTGGGCTTCAGGCTCTCAATGAGCACGAGG  
TGGATGGGCTCGACGCAGTCTATTACTTCAGTGCTGGCGCCCTGGTTTCAGCC  
ACTCGTCCCTGAAGCCCATTAGCCGGAAAATCATAGATATCAGGTTTGATATCCA  
ACCCGTTAGCGGTCTCTGGTAAGTGAAGAGGGAGGGCTCCTGGGGCGCCTGGATT  
GAATCCAACCTAAAAAGGACGGCCGCTTCATGATTGATGCCGTAGTTGTTGCCAGG  
CGACTTGCCTTGTGATGCGTGGTCATTGCGGCCGGTAGCCAAATCCCTCGACCC  
TCTCTAATAGCAGGTTCGAAGCTGCTACCTAGCTTCATCGAATGCCGACTGGGCT  
GCTTCTATGCCCGCAACGCTTCAGATCTGAAATATCTGGCTGTCACCTGGATCA  
AGGTGTCGGGAGTAATAAGATCTGAGTTGTCAGAGTTTCGAGCGCCGCTGGGT  
CTAGTGCTATGCCATTGATTGCGTCCGAATGGCGCCAAATCCCCGCTGTCATTG  
ATTCATGTAATCGAATTAAATCCACTGAGAGGATTGCTTCAAGGGCAGGGCAGTA  
GGGCTCAATTGCTGCATTGCGCATTGAGTCGACTTGTCAAGGCTTCTAAGTTGTT  
GTGGATCTAGGCGGTACCAACGAATCTGAATTATCTCCAGCCACGGTTCAAAT  
AATCATGAAGGCTCTGGGCCATTGAGTCAGCGGGCTACCAGGGGTCTCCTCC  
CTAGAGCGTCCTCAAGCTCTGCAACCCTCGCGCTTCCTGCGATAGTCGTGTACA  
GCTTACTCATATCATCTGGCTCAAGCAGGAAACGCATTCCCACAAGGCCCCCGGCC  
ACTTAAAGCTAGGTATGAGATCGGGATGAAGTGGAACTCTCCTGATCTGCCGACA  
CCCAGATATCCAAGCTAGGGAGCCAGTCGGCCAGTCCTGGCAGTAGGAATTCA  
AAGTTGCTGGTGGTTCTCCACTCTTACCAATCTCGTCCAGCTGGTAGATGAC  
AAAGAGTCAGATCCTGGAGCCAAAAGCAGAACGCTTAGAAACCAAGAACCTCGG  
AGTGCCAGCATGGCGGAGGATTGCCGCTGTTGCACCTACAAGCAGCGTGGTC  
TCATTGGCGAAGTCATTCGACAGAAAGCAGTTTCGGAAGTTAGATATCTCTACG  
TGTTGGATGCGCATGGCTCGCCTTGAAAGCCTGAGAAGTATCAATTGCCGTCAAT  
GTAGCTAGCTGCTACAACAATCAAAGAGAGAACGACGGAGACAGATTATTTGT  
AGCTCTAAACGACTGCTATTGCCGATTCTGTTGAAAAAGTCGGACGCCGCTCTCAG  
GGCAGAAAAGTAAGCGCATGAGATTGAAATCTAAATAGCCGACAGTCATTGG  
CACAGATTCACGTAGCCGTGCGAAAAACCGCTCCTCACCGCTCAGCTGCCGGC  
ATTCGAGAGAACGACTTTCAACAGAACGACTGGCGATTCTGCCGGTCAGGGTCG  
GCCCGCGGACTGGTCAAATCCGATGCAAACGACTGGTCAAGTCCATGCA

>CONTIG\_52\_length\_8053\_cov\_322.843805

GTGTGGGGCCTGTCATTAACACTGCGTGCCTGAAATCAAATGGTGTCAAAATGCCCTTC  
GCGCTCACTATTTCTGGCGATCACACCATTCCCGCTTCATCAGCAGCGCATTG

GCCTCGCCCTAAGTATCCCCTGAGCTGAAATTCTGCATGTTAACCTACATCTCTGC  
GATACGGCATTGATAACCGAAAGGGCGCGAAGACTCCAGGCCTGCACCTTGACTCC  
TCCATGCATCGGTAGCACACTTCTTCACGGAGCGTAGCAACTCCGCAAACAGCGGC  
ACCACCCCCGTCAAGCGGTGGTTTGTGCCTGATGTTGGGCACATGCTCGCGT  
CTCCACGCCGGGAGGGCGCGAATACAACACCCGCAAGGGAAATAAGCCC GCCGTC  
TGTGCGGTTGCTAACCTCCGGCATCCCGCCGATCGTGCGGGGGAGCCTGTT  
CGGAGGAGTGAGCATGGAGCAGTCTCTGTTGGGTATTACCTGCTGCCGGAAAACG  
CGCAGCTTCGGTTGCTGCAAACCGCGATTATTACGCTTCTGGCCGATTGGCAC  
GTCCTGTTGCATGTCGAACACCTCAGGCATCAATGAGCCTCTCGTACCGATCGATG  
CTTGGCTTTGCTCGATCTGTTAGCTGAGCAATTGGATGATGTGCTGATGCAGAC  
CAAGGTGCCTGACGACATGACAGAGCGACGTGCTCGTCATAGCATGCACATGACTT  
GAATCAACATGGGCAATCGCTGAGTCCGATCTCGCTACCTGTTGCTGCTTTAC  
AAGCTATAAGCAATTGACAGAGAAAAGCACCAAGCCACTGAACATCGTCAGGCAA  
CAGAATTTCAGCGATGCACTGGCAAATGAAGGGAGCATGCGAAATGAAATTCA  
AAGCAAATCTAGCGGTAGTCGAGTGCATCTGCTTGGCAACTTCTTGCAACTG  
CCAAACCGACGGCTGAAGAACCTCGAGGAACAAAGATGACAACACACACTGAGCT  
GACACCCAAGTCCTGATGGATCGCTTATCCTGATAAGAGATGTCGAAAATT  
CGACGAGCTGCGCATTAAATTCTGAAAGGTATCTAGAAGTCCCTCACCAGGAA  
TGCAGGTGAAAACCTGGTTCTATGTGCTCGATCAATCCTCTCCTTATTCAAAATAT  
ACCACCACTTACAAATTGACGAGAAATTTCGGAGTATTGAAATGTCACTCTGGAA  
CTTTACCGCCGAGCAGTATTCCCTCCTCAACCCCTCCTGCGAGCTAGTCTTG  
AGAAATACGACAAGGCCTGAAAGACGCTGGATTCAAAACTGAAATAGGATACTGG  
TCTTATAATGAGTTGGGTGGGTCTGCTTCAATACTTACGTAAGAATATACGTG  
CCCAGATCAATCCATGGCACCCCTGTCTCCGTAGACCCCCAAAGAAAATCAAGAGAA  
AACTGTGTCAAGTCGATAAGTCTGCACAAGTTGAGGAGTAACGATAATGGCAAAC  
GCCAACACTCAATTGCACTCCATTGGCGCAGTTCGCGGGTCGGTCAGATGTCACC  
CCCGATCAAGAACGCGAGTTACGCGCGACGATTGCGTCCGATCCGGACCTACACA  
GAGACTCAATCAAGAACGAGCCAGCGGCCATCTAAAAGGATTCTGCCAGGCGTTG  
GCGGCTCCGAACCGCTGACGGGCTCTACGACAAGGCATCCGAATCGTCACCCCTC  
CCGGCGCTTGATCCAGGATCCACACCGACGGGAGCTGCGCGGTTCGCTCCGGCTG  
CAAGAGATGGGTATGCGTTGCAAATAGTCTGATATGGATGCAAACCAAAAAAG  
CCAGCCTGTAACGCAAGATATGGTCACCAACCTGCAGGCGACAATCAACAGTTCGC  
CGACGCTGGCGAACGAGATGAAGCGAGCTGTTACGACCATTGACAGTAGCGACCCC  
CAAAACGCATGCTGGAAAATTGCGCTCCTCTCAGCGGCACGATTGCAAGGTGGG  
ACGTTCAACCCAAACCGATGAGCATTCCACCGAGCTACGGTCGGGCAAAC  
CCAGAGTCAATTCAATAAAATTCAACGCTACTGATCTAACATTGTTCTGGTCATGA  
GACGCAGCATGCCTCAATCAAGTAAGCATGGCCAACTCATAACAAACAATTGATT  
CGCAGTGAAGCGATTGCGAGCAGATAATAATCCGGTCAACGATTACACACCCCCCG  
TGGAGAATCTAGTAAAAGTGCAGCGAGCGATGAGGCCAAAGCTCAGATTTCAGGT  
TGGAACGCATTGATTGATCGGGAGCGGCAAATCAATCCAGGCCGTCATTGAATGC

AATGAGACGTCTCGAACGGCCGTTGGATGACTTGTGAGGCCAATCCGAGCA  
ACAGGGCGCAGACACAAGCGCGGCCAGGGATTACGTTCAATCAGGACGGCTCACTG  
CCCCTGACGCCTCAGAATGTATCTGCACAAGCGACTTCTACTTCGACAAACAGCCC  
AGAGGCACGCCAGGACTTCCGAAAATCAGACAACAGGCATTGGATTCCACGGTGA  
CTCGGACTACCCAACTACTATGGGGCCGGCGCTGTCAGTCAGCGATTGCATTGA  
CAGGGCCTATGCGCATCCGGTGGGTGGGCGCCCCGCAAATGCAGCTGATATGC  
AACGCCTGCGCTTCAAAGAACAGAGCTTTAGAACATAACGGAATCACGCTGCC  
GGCACCAACGCCAACACCGCAGGTCTATTGGGACACCGGCAGCAATCCGCCAACCG  
CGGGCTGTTGCAACACACAAAAGGATCGCACCAGCACATCAGCCCAC  
TCGATCCTCAACAGCCAGCACTCAACGTACCCGGCAAGACAGTGCAACCAGACAAT  
GAGCTGCTGGATAAAATCGCGGTGGCGTTCGCGGCCTGACCAGCAAGCGGGAA  
ATCTTGGGATGAGAACAGCGATCGACTAACGCAAGTTGATGCTCATGGCAGCAG  
AAAAGGGCTTACAGCAAAAGACGATTGAAGTTGCGTTCAACTCACCGACCGAT  
AAGATGGCGGGTGGTGAAGTCCTGCACATGTGGCGAGAACGCCACCAGTCCCCGA  
TCCGGCTGCACATCGAGCGCATATGACTACACAGGAAGCGCTTCTATTCC  
TCAGCGCTCGCGCAAGTGGAGGTGATGCAGCAAGCAAAAGCGCAGGAAGCCACA  
ATCACTAACAGCAAGAGGCCGTACAAGCACAGTCAACACACAAGCACGCTCGATGTA  
AGAAGATATTAGCTCGCTGCCAGGACCTTATTAAACACGCAC  
AGTCGTAGCGGATGAAAGTCATGATTGAGGGCGATCCACGCTATGTGAATGAG  
ACTTGAAATTGCGAAATACCGCATCTGATCTGATGGCGTCACGCAC  
GTTCTCCCATCGCTTAAGAACCCGTCAAGCTGATCCGACACTGATTAAATATGCTGA  
ACAAATTGATCCTCGTCAGCAATATTTATGCCCCCTCAAGGACTTGC  
TCTTTTGCTCGCCGATATAATGTTGGTAGTCCAGAGTTCTAACTAGTGAGA  
AAAGGCAGTAGTACTTATAATCGCCTTGCTCTCGACCTCGAAGTTCTATAA  
GATGCCAACCTGTAAGACGCGTATGCGGCCAGGTGATAGAGTTCTACGCTATGA  
GATGGCTGGAATATCTTGTCAAGCAAATTCACTTCTATTCC  
GCTCTGTTGGCTGGAAAAAAACATGCCGCTGCAGCTTCAAGTCGGAGGGT  
TTCATTATTCTAGCTCTTCGATCGAAACATTGATCTGATTTCTCGCCGCTCTAT  
GAATATTCTCTCATCACCATTGGACTGACAGTATTCTCAAGGTCTTCA  
GGCAATAATGCCAAA  
ACTGATCCGCC  
TAAC  
CTCGTCTGCTGTTAGTTCT  
GATCAATCGAAGTGGAA  
CATAGA  
TAAGAGAAC  
GATGCCG  
ATT  
TTCCGCC  
AGAATATT  
AGTTG  
CTGGC  
ACCCATT  
CAATTG  
ATACTT  
CTATAG  
AAA  
ACGGCG  
GATTA  
ATTG  
AACT  
TTT  
CCT  
CCGG  
ATCT  
CAGA  
ATCCG  
GATTA  
AAAGT  
CTCT  
CAC  
CTT  
CC  
GAT  
CTT  
AGC  
AGT  
GAG  
AAC  
ACA  
ATT  
TCG  
AGAAG  
CTGG  
CCG  
CTG  
GGAT  
GTA  
ACCA  
ACG  
TAAG  
CCT  
CGT  
CAAC  
CTT  
CATG  
GC  
AGGA  
AGT  
GT  
CAAT  
GCT  
TTG  
GAAAG  
TTCA  
ACGC  
AGC  
AGA  
ATT  
GAG  
TTGG  
TAGCT  
GATCG  
GGT  
ATCC  
AGACT  
GAAT  
CTG  
CTGG  
CCCC  
ACGC  
CATATT  
ATT  
TCC  
ACG  
TC  
CATCA  
AA  
ATA  
ACT  
CCT  
CAAG  
CCT  
TTT  
CTT  
ACC  
AGC  
AGA  
AAATT  
AGACT  
TTCT  
ATCG  
GCC

CGGAGGGCATGTCGGATCCTGTCGTGCAGAAAAAACATTAAACGAGGGTTGCTT  
TGGTAGAAGAAGAATAAACAAAGATCTTTCGCGTTATCAGATCAATTATTGACCGC  
TATGGAGCAGAGCATTCTTGAAAGAAATCATAGACACCCTATGAATTAGACA  
AATGCCGTAATCCATTCTCCGATGTCTTGATTGAAAGAAATGAAACTCCGCTA  
GATGGTGGTCCCAACGGCTAGTACTGACGCAACGTATCCGTGCCTGCAGAGGG  
TTCCCTGAACTAGTACAGCGATTCCATCGACTCCAAACTCCTCCCCCTTAAGATGAG  
CATCGAACGGATCGATATTTCACCTAACGAGTCCATTTCCTACCGAAAAAATAGAGA  
AGACTTCGAAATATCGCTATCTTCTCAAAACAATTGGATTGATCTTGAAC  
TCCGAGCTGAGCACTAACACGGGATTCATCGCACCATCCAATTATAATTATT  
GCCATTAGGGTTACGTTGAAAAAGCTATTCTATATAGCCCCTCTATTATCG  
ACACCACAGCACATTCAAATTAAATAAGCTTGGCTTTGAGTGTTCCTCGTA  
AACCAATGAAAATTACTGCACCCAAATCAAATTCAACTGCAGGTCGGCCGTCA  
CCTTGACCAGCTGCCACTGGCCGAACACTGCACCTGATACTCGGAGAAGCTGTCAC  
GCCAGTAGGCCATAGCGAGGCTCCAGGTTGGGGTCTCGCTGCTGATCGGTAGC  
CGACCGCCATCAGGACCTGTCGGGTGAGCTGCCATCGTTGA  
TGGCCTGGCGAATCTTGGCGGGAAAGTGGCGAGCTTGAGCTTGGGTCGGCGGTG  
ACGATGTAGCGGGCGCGAAGCGGTGTTGAGATCGCGCTGTAGCGTTACC  
GATGGATTGCTTTCGCCCGGATCTTGAGGTTGACGCGGTGCGGCCAAAGCCGT  
GACGCTGACCGGGGTGCCGACGGGAGTACCGCTTCCGTTGCTCGTAGTTGCT  
GTCGCTGATCCAGCTGCCCGTGCAGGTTGAGCACAGAAAGCCCTCGTACTT  
GGCGACGTCGGCGGCGGTGCCAGGGTGGAGGCGGTGAGCAGGCTCAGGCCAGC  
AGGGAAAGAACGCAAACGCATCGTAAAGACTCCTTCTCGACGCCGTGGCCGCG  
GCAATGATGAGGTGAGGCGCGCCATTCCCCAACGGCGCGCAGGATTGCG  
AGCCTCGGGCAGCTGGCAAGCGCGGGTGACCGCCGATCGTTGTGTA  
TGCTCGGAGCCGTGAAACCCCTCTCACCCGCCAGATTGCGAGCAGATGCCGAG  
TTGCGGCGCGCCACCGCGCGTGGACGAGGAGATTAGCGCGTGGCGAACAT  
GGACGACGAGCTGCAGATGAAGCGCTGAAGAACGCAAGCTGCATCTCAAGGACT  
GCATTACGCGGTTGAAATGGAGCTGGTGCCTGACGAGCCGGTGGAGGTTATGC  
ATGCGGTGCTTGGCTTGCTTGCCTGGTGGCTCACCTGCCCCCGCCGCG  
CCGGCCCCGCTTACGGCGGGCGCTCCAGGACAGGTGGAAAAAGCAGTTGTGCG  
CCAGCCACCATCACCTGTTGAAACGCTGGGCGGAGGTCGAGTCCGTTG  
ACGCAGTTCATCCGAACCATTCTCGCTGCGCTCATATGTCGTTGGCTAATA  
AAACAGCGTGGCGGGCTCGCGATCTCGCCAAGGCCTCGAACCTCTCAAAG  
ATAGGTGCGATGCACCAACTTCTGTGGTTCTGCCTGGATCTGAAGCCGGTCAC  
GCGTTATTGAAGAACGCTGGAACCGCTTCTGTAAGCGGTTGCGTGTGAATCTCG  
TACTGATATGCAAGCGAACCTCAAACGAACTGTACATCGGTTCCAGAGCTCCGCTC  
TGAGGATGCTCTGAAGAACCGAGCGGTGAGGTTGATGCCCTCTCCATGGCG  
TAATGCGCCACCGCGCTTCTCAAAGATCTGGCGCTCGACAGGCTGGTGTGTT  
GATGCGCTCGAGCTCGCGCATAGCTGCTAGCATTGAATGCGCCGTATTGGCAAG  
GCCGTACACGGCCTCTGCTCGGAACGAGGGCCAGATTATTCAATTGCAACACCAG

CGCGCTGACCAGGGACGGTCCGTCTCCACTCCGGCATTGACAACGTTGCCGA  
AAGGAGAATGGCGCGATTGGTAAATCCGTTGACCGACGTTGACGTTCCCCTCGCG  
AATGTCAACCCCTCGTCCCGAACCTTTCTGCCACAGCCCTGAATGTAGGCAGA  
ACTGCGGTAGAGATCACCAAGCACGTGAATGGCTCTCGTCAAACGACTATCCCTCG  
GGTCACTCACACGGAGACTGGTCCGTATGGAGGACCAATGAGAAGGCACGTACGC  
GCTGCCGTCGAGCGCAGCGATAACCCACCAAGTACCGAAGACCGCGTCTTGGGT  
CGGACCCGCTGACGCACCTTGTGGCATCGGGCTAGTTGAAGCAGCGGAGGACGAAT  
CGCCACCGTAAACACTCGTCAATTGGATACACACAGTCCCATGATCAACTCCG  
TCTAGTACGTATTGAAACGTTAAAACACACCAATGGGCGACTGCCGCGCCAGCG  
AAATGGAGGAGTTCAAAGCGATTCTCGTAGATCTGCGTGTGGTAACATTGGCAA  
GCTTCCTAGAGTAGCCCGCTCTTGCCTAGCCCGCGTAGCAGGACCTTGCAC  
TGCCTCCCGGTTCCGGCACTTGCCCGGGCTTGGCGGCATCTCCAGATCGAAC  
CTGCTTCCACCGGCAGGGCCAGGGTGCCTGAGTGCAGCCTTGAGCAGTCGCG  
ATCATGCGCGCTTGTCTCGGGCTTGGTGGCGCCGTGGCCTTGCTGCCAGAAC  
CCCGCGACGCTGGCCTGCTGAAGATCACATGCCGCTGGAGATCTGCAGCGCTCG  
CCGGTCATCGAGCCGAACGAGATCAGCTGCCGCTTCCGCCAGCAGGCCATCAA  
CTCTCCGCCCGCCTGCCGCCACCGAGTCGATGGCGCGCACGATGCCGCGTCGC  
CGGCCAGCGCGCGCCTGCTGCCAGCCGTCTGCCAGGTTGGAGACCGCGTGC  
CGATGCCAGTGCCTGTAACTCGCCACGCCGATCGCACGACACCAGGTTGATCA  
CGTTGATGCCGCGTGCAGCGAGCATGGCTAAGGTCTGCCGACGGCGCCATTA  
GCGGTGT

>CONTIG\_53\_length\_8033\_cov\_7.032760

GGCCATTGAGTCCGAGCGCAAAGTGCTGATCGCTTCCGTCTCAACGACATGAAGGC  
CGATCCGTACATCCGCACTAAGGGCGAACATGCAGGCGAAGCAGCAGCGAGCCTTC  
AATCGACGTTAGTCCACATCGGTATGATCAAGATCGATGGTCAGCGGGTTACCCCC  
CTGCCTCAGTGGCAACGAGTTGCCGCTGCAGTTGACGCACACGTTCCGAGGCCG  
ATGAAAGCTCCGAGAACGTTACCACTACCGAGACAGCTGAGCGCGCTGAGCGCGAG  
CCTGAGGTCGAAGTAGAGGACAGCGAGCCAGCGATGGCTGCTCGTTGATCCGA  
CAAAGCCCCGTTCCAAGGGCTGATCATTCCCTCCCTAGCATGCACCTCCCTAC  
GGGGAGGCGCATGTCTCATCTTTAATCGATGCAACCACAAGCCCACCGAGCAG  
CCTGGTTGTTACATTATTCAAGGAGCATCCCCATGCCCTAGCAAACCGTTCTCAGGT  
CATTCCCTGTGCTGCCGAGATCGTCCGCTGTGACGAGCAAATACGTGCCGTA  
GCACCCCTCAATTGGCACTCGCCTCACGGAAAGTCGGTCTGACCGATACGCCCTAC  
ATCCCAACCGCAACCGTCTACCAAGTTGCGAACGAAGGTTGAAACCTTCATG  
GTCTGCCAAACTCGCGTCCGTAATGAGGACCGCGCGAGTACACGAAGCATCTCAT  
TCGCATCGCTATGCCAGCCAGATCAATGGTCCGAAAGCTAACGAAATCATTCTGCT  
CAACAGTCACGATGGAACGAGCAGCTACCGAGATGCTCGCTGGCATGTTCCGTTCGT  
GTGTCACAACGGTTGGTCTGCCGAGACTACCGCAGACACATACGCGTGCCTCATAA  
GGCGATGTAGCCGGTCAAGTGAAGGAGCGTCAAGTCCGAGGATTG

AGCGAGTGCAGGCCTCGAGAGATGCCATGCAAGCCATCACGCTGGAGGGGGCGA  
AGAAGAACTCCTCGCTCGATCCCGTTGGCACTCAGATAACGACGATCCGAGCAAAC  
CTGCGCCTATTACAGAAAAACAGCTGCTGCGCCACGGCGTTCGATGATCGCCGCT  
CAGACCTGTGGTCGGTTAACCGCGTTCAGGAAAACATTGTGAGAGGGCGGCAT  
CGGCACGTGCCAACGGCGTCGACAGCGTACTCGAGAAAGTGCAAGGCATCGAC  
CAAACATCCGCCTAACACAGGGCGCTGTGGATCCTGGCCACGGTATCGTCAGTT  
GAAGGCCTAGTGCCCGCGGTCCTCGCCCTCATGGCGCGGTCCGCTTTTCAT  
CATCAGCTTCATCACAGGAGCACCGTAATGGCGGCTAAATCAACCCTCAATTGCG  
TTCACCGATAATTGTCTCTGGACAGCTCACGCTCGCACCATCCGCGACGTAACGG  
CCC GTTCAATGTAGGACGTCTCGTCACACCTCACGGTGAGTTGCGGTCAAGGATG  
AGAGCTTGAGCAATACGCCGAAGGCAAGTACGACGGCGAATTCCACATACGCTTCA  
TTTATCCAAAAGCCTATCCCACAGCCGGTGGAAATGCGTTTCGAGATCCGGGCAATC  
TGGACGGAATGACCCCTTCAGGGATCGACCGATTGAGCCGAGATGATGCTCACAGC  
TTCGCTTCGCAAGGAGGTGGATCCACTTGATGAGGAACCTGGAGCGCAACCGTGG  
GAAAGCGCGCGCAGCGCTCAGTCAGGGAACCTGCCGAGTGCAGGGCATCGACTGATC  
CTCTGATGGATACCACGCCCTTGGTGGAAAGCGTCATTGTAACGGTGGCCGACT  
CTGGTAGCCCTGACAGCGATGACGTTGCGTTGGCACGCTATGCCGTTGGAG  
AATCCGTGAAGCTGGATTGACCGATTGACCGGGAACGCTGCGCGCACAGATCGCT  
CGTCTAGGCGACTTGGCTATCGCTTGAATTCAAGTTGAGGAATGGAAACGCCAG  
TTGCATCAGCAGGTGGCGTAATCACTGCCCGTATACACGGTGCTTCATCCCTGCT  
GGAGTTCTCCGGCCGGGAGGAACCTGGCTTCTGAGGTCTATCATGTC  
CACATTTCTTGCATACACACTACAGCTCTCCGGTATGCTGACGCTGCGCTTGAT  
GAAAATATGTGGCGCGCCGTCTGTGAGACCGTTGCCGACAGGCCAACATGGTTG  
CGGCTTGTCTACGAATACTACGTCACCGCTTCAGCTCGGCAATTGCAACACAGGAATG  
TGTCCGATTGCCGAAACACAGCGTGCATGCTTGCAAATTGCAACACAGGAATG  
GAGCTACGCAACACCTGCCGAGAGGCAGGAGGCTCAGAACTGGAATGCCGAGAAT  
GGCTGCTGCACGCACGGCATCGAGCTGGTTATTGCCGGGGTGCAGGGTCTAT  
AGGAGTGCACGATGAAGACCTCGCTGCAATCCCTATACCCGAACGCTAGGCCTG  
GTTGAGGGTCAGCTTCCAACGATGAAGTCTCGTCTGACGATGAGTTAGGCCGTAC  
TTCATCCAATCTGCCCTGACAGAGGTACAGCGCGTGACGCCATCAGCTTCCGGCG  
CGCTATCGGATCAACGTATCTCGCTGCCACACTCCGATCCGCAATGAAGGGATC  
GTGTTGCCGGTCAATCCGACAAGGGCAATTGAAAGCCGATTAGCGGCTTTCTT  
CCATCCCACGGGGCAGCTTGCCTCGCGGGTGTGCTGCCCTCGCTATCTACGAG  
GACACCAGCATGTCTAAAGGTGCTTCACACACCCCTCTATCGCATCGACGAGTGC  
AGCGACCTTATGCCGACGCCCTGTGTCTGCCGATCAAGGTGATCTAGTTTCTC  
TCCGTTGGCTCGTGTACTGCCGTCAGCAGTTGCTGCCGTTGACCCCTGGGT  
CGCGACGAGGATGGTCTGGTCAGCTCATCTCATCAACGAACATGGGGCAATG  
CCCTGTATTGTTGGTCAATCGACCGTTGATAAGCGACTAACCGCGCATATCG  
CCGCACGCTGTTGGTCCATGGTCAATCTTGGCTGTCGACCGGGTGCATTCAA  
CCTGATAAGACCAACGCCAGCGCGTTGCACTGCTGCCGCCACGCAACTGATCC

GACCTCACGACTGTGGCACCTCGTCAAAGATAACCTGTCCGCTGCCGTTGCTGATCA  
CTGGCAAGAGCCGGTACTGGCGCTGCTACCGCAGCGCTCATGCTCAGGAACATGC  
CTGTAGCTCTCGGTCCACTGCAAGGTTTCAGTTGGCGCTTGATGTCCC GGCGCTTAC  
TGAGGCATTGAGTGAGTTGATCCGTAGCGGTGTCCTCACTGCCCATCCGAGTCGGC  
TGACCCGAAGTTGCTGATTGATGTGATGGCCTGATCTACCTGTACGCAGTTGCGCG  
CACACCGCGCTTCTGCCTTCATTCCCTAGCCAATTAGGAGACTGCTATGGCAC  
TCATGTTCCGCGGCTTGGCCGAATTGCCAAGAACGGGTACTACCCGACCGACG  
AAACGACGCTCGAACGAGCGCTTCCGACTGGCGCCAGCGATGGCCAATGTGC  
ATCATCGATCCCTGTGCCGGCGAACGGCGTTGCCATCGCAGAAGCTGCACACGTACTC  
GGGCACGGGAGGGACCACCTCTACGCGGTCGAGTACGACCAGGAGCGTGCATACCA  
CGCTCACTCACTGGTCGACCACTGCCTCCATGGCGATGTTATGGACACAGTGATTTC  
GCGGCAGAGCTCGGCCTGCTGTGGCTTAACCCTCTACGGCGATCTAGCTAGAGA  
TGCCAATGGCAACATTGGCTACGAGGGCAAGGGCGTGGCTTGAAGCTTT  
CTACCAGAGGACGCTGCAGTCCTGCAATACGACGGCATTCTCATTGATGGGCC  
GTCATACGTGCTCGACCCCCGAACTGGTCGGGTGGCTGACACGCCACTCGCTGATCT  
GAGCATCTACCGTGCAGGGATACGCAGTTCAAACAAGTGGTGGTATTGGACGAC  
GTGTTGCCAGCGTGAGTTGGTGGAGACGACACTAAGGACATTGTCGGCGACTG  
CTTCAGATCGGCAAGGTGAGCTGACCTGGATGAAATACCAGCCCAGTGGACGCT  
ACCTCCCTATGTCGTTCTGTAACCAAGTCTGAGCCAGAGCATTCTACCGGCTAAG  
CATGGAGCCGACGCAATTGGAGGGAGGTTCTCGTCTCCAAGGCTGTGGCCCGC  
ATTGAAACGACCTGGTGCAGCTCAGCAATCGATGCGTGCCTGGTACGTGCGTT  
GTCCCACGGCACTGGCACTGCCCTGCGGCTGGCGCCATATCTGGTAGTGCA  
ATCCAAGAATGGCGAGTCCTGGCGTGAAGAGATAACCTACAAGCAGAAGGCCA  
CCGCCGTGGAATACCGCGAGCGACGATGGTCAGTTGAGAGACGCGAATCCTC  
ACAGACAAATTGTCACCTGTAATCCGCGCTGGGACCTGTCTCCAACTCTGACTCG  
TTCGGCCGAATTATCACCACCGACTGACCCGCTCGGCTGTTCGTTCATAGATGGA  
GCACCACCGTGTGCTCGCTCAGTAGAACTTCTTCCAGCGGCTTGCCTGCGCC  
TTTCAACCTCAACCCCTGGCGTTACCGCCCTCGGGGTGGTGCCTGCGCC  
TTTTATGGAGCATCACCACGACTCAACTCAATGCGGCTCATACCGCGGAAAAG  
GCGCTGATCAACGGCAATCCGCCTGATTGCTGATCAGAGTGAACCGCATTGCG  
GAGCTCTCACTCAGTCTGAGGACTTCGTTACAGAGTGGCGACGAGCTTGAAC  
TCTCTCAATCAGGCCAACCGCCTGTTACAGCGGTTGCCACGCACTAACGTCAG  
CTTGTCTGCTGGGCCTAAAGCGCAAACCTTCCAGCGCAAGCAGAGGTCGTCAT  
GGCGCTGAGAGCTGCTCGCTAACACGACGAGCGTGCCTGGCAATCGTCAACGGTGA  
AATGGGCACAGGTAAAACACTGTCGGCATCGCGTGGCAGCGGTTCTCCACGCGG  
AGGGATATGCCGCACCTGGTTCTCAGCCCGCCACTGGTTACAAGTGGCACC  
GAGAAATTCTGGAAACTGTTGCCGGCGAAAGGTCTGGGTGCTTAACGGACCGGAC  
ACGTTGCTCAAACACTCATCAAGCTGCGCAGCAGCTGGCGTCCGGCCGGTCA  
GGAGTTCTTATCATCGGCAGAGTGCAGTCGCATGGCTTCACTGGAGGCCTGC  
TTTCGACGCAAGCGCACTCGATTGGGTTGTGGCGCATGTCCGATTGCGGAAG

CGTCGTCAACAAACATGGATGGAGAGCCGCTTGACGCTCTGGAGCTTGAAGCAGAAG  
AAGCACGCCGCAGATGCAGCGTCTGCGATACCGCATTGTGGACGTTGGTCTCGTCCGC  
GAACCCCTCTCCAGCAGCGATCAGTCATCGGCTGTGCTAACAGAGCTTGAAGCGTATCC  
CGACAATCGGTGAGGCCACTGCGCAGAAACTGATGAAGACGTTGGGGATAGCTTC  
TTGGCCTCGATGCTTGGCGACAACCTCCACAATTCAACTGATGGACGACAAG  
GGAGAGCTGGTCTTCTGATAGGCAGGCCAACGGATGGAGCGTGCATGTCCAG  
CATGGAGTTGGGTTGGCGAAGGTGGTACCAAGGCTTCCGAGTACGTCAAACGCTA  
TCTCCGCAGGGCACCTCGATTGCTCATCGCAGACGAAGCGCATGAGTACAAGAC  
GGGTGGGTCTGCCAGGCCAGGCATGGCGTTATTGCCGCAAGGTCCGTAAGA  
CCTTGCTACTCACCGGCACCCCTGATGGGGGGCTATGCCGATGATCTGTTCATCTGCT  
ATTCCGGGCTTGCCCCGACGCATGATCGAAGACGGCTACCGTCCGAGCAGCAGCG  
GCAGCATGAATGCCGCCCATGGCGTTCATGAGGGATCACGGCGTACTGAAGGAT  
ATTTATTCCGAGAGCGATGGGCCGCCACAAGACGCCAAGGGCTCGAAGATCAC  
TGTCCGAACGGTAAAGGCCGCCGGTTGGTCCGAAGGGGTGCTGCGCTGCGTCC  
GCCCTACACGATCTCCTGAAGTTGCGCGACATGGAGGCCTGCCACCGTATGA  
AGAAGAGCTCCGGAGGTCGCGATGGTGAGGCGAGGCAGCCGTACCCGGAAAT  
TGGCTGCTCGTCTCACTGCTGAGCTAACGTGCTACTGGCATGGTCCACTGCTGCT  
AAACTGTGCGTCATCCGAGGACGCCAGGTCTGGCGTTCACACCAGCCCAGTCA  
ATGAGCTGAAATCATGCCCTAAAGAGCGTGAGCTATTGATATTGCGAGGAG  
AAAGAGGCCGGTCGAAGACCCGGTCTATTGGTCTATACCGCAAGCGCGACAC  
CACGTCGGTTGAAGGGTTGCTGGAGCAGGAGGGTTCAAGGTGGCGTGC  
GCGCAGCGTTGATGCAAGCCGCCGAGGACTGGATTGCCGAGCAGCTGACCGA  
GGGATTGATGTTCTCATACCAACCGTCTGGTCAAGGGCTGGATCTGCTG  
GAGTTCCCCACGATTGCTTCATGCAATCAGGGTGGAACATCTACACGCTTCAGCAG  
GCCGCACGTCGCTCATGGCGTATAGGCCAGAAGTTGCGTGTGAGGGTATCTACTG  
GGGTACATGGCCACGTCCGAGATGACGTGCTTGCTGATGGCCAAAAAAATCCTG  
GTTTCGCAAAGCACGTGGCGACGTCCCGGAATCGGGCTTGACGTGCTCAATCA  
GGACGGCGACTCAATTGAGGTGGCTTGGCAAGGCAGCTGTTGCTGCTGATGTCC  
AGAATCAGCCGGCACCCCTCGGGCGCCGGCTTTTTCTAATGCATACTCTGCTA  
CCGATGGTTGACAATCAGCACGCCAGAACATGGATGAGCGCTAATTGCAATTCTT  
ACTGACCGGGTTGCTGCTGCAGGGAAAGGTGCGCTTACTGCAACAGGAAGCCG  
GTTCATGCAAACATCTGCTGCTCCTCACTCCTGGCTGGCTGGAAGCTGGTAGTCG  
TGCCATTTATTGGTGGTTGCCACTACGTCTCAGAAGTTCAGCCACCCCTACT  
GCTGAGGTAATCGCTCCCGCAGCACAGAACATCCGGAGTTGATTCCAGTGATCCGC  
TATGGCGCTACACCGTGGTGAACGTCTCCTGGCTCAGCACAGCGTACCTACTG  
CTGCAGGTACGATGTGCGGATGCCAGACGAAGCGAGAGCTAGCGTGGCGATGG  
CCTACGCCACGTTCTCAACCGGAGTGGCTACCAATGTGTGAGACGGATCTGCCGC  
CCTTGAACCTACCCGCTCCCAATGCCGCCACCTGCAATTGGCCCTATGAC  
CCTGCGCGATGCGCTACTCACTGGCAGGCCCTGCTTGGAGGTCAATGA

CAGCACACGGCAGGTGTGCTTGTGCGTCCTGGAACTCATGTTGAACCTCCATCTCA  
GGATCTCAGAGCTCTGGGCCGGCTCAGGTGTTCCGCAAGCTGGAGGCCAGCAATG  
ACTAGATCCAGGATCATCTCCGGCGCAAACATTACGAGCCTACTCGATCATCCAG  
ATATTGCTGTGGGTGTGGCTTGTGGCTTATGCCCTAGTGATGATCGCGTTGCTCG  
CTGTGCAGTCGCAACCGAAAAGACCCTCAATC

>CONTIG\_54\_length\_7979\_cov\_6.471854

ACACACGTGCCTGCAGAAAGTCTCTTTATTCTCCGGCATTGATTGTGAATGACGG  
CGCGTACTGCGTGTGCCATCCGCAGATGTGGCATCAATGAGAAGTGTGATGCCAT  
GGCGAAAGCTGCCATGCCACCAGCTGAGCCTGGACACCGAAGGTACCGTACCGT  
ATGCGGGCGAAAAGGTGCTATTGGTCTACGCGGACAGCGAAGAACATTGACCCCT  
TAATTCCAGTCAAGGAGCGATGCAATGAGCACCAGATTGAGGATTAACCGGCCTGA  
CCAAGAAATACAGCAAATGTTACGCGATCATGGTCACGAAGTACCGCTTGAGCAA  
ATTCCATTAGCTTAGATGATTCACAGAGCGCTAAATGAGCATTGGTCTACT  
ATTCAACGTGGCTGCTGAGCTGCTGAACGACCTCGATGGGCCTACAAGAACATAC  
TTCGCCCTATCTCAAAGAAAGCTATAAATCCGCCCCAGATATTAGCGATTAGCAT  
ACAGGTACGATTATCCAATCAGTATAGACGCTGCCATACCACAATCATGGTTTGGA  
AATTAATGAACAAATGTTGACTGGACCTTATTTGAAAAATTCACTGCATCAGAG  
TATTAAAAATGGAATATATTGATTGCACTTGCATCGCAATCCCCTCGCTTTTCCGT  
GAGCCAACCGTTATTGGCGAGACAGCGATGTCACAAGTTGGATGGAGATTAA  
ATTGACTGACTGTCATGACGAGTGCTTACAGGAAGCTCATTGAAGTACGACTAG  
GTAGAGGCCTTCATTCAATGTGGCAACTGCACAACCTCAATGCCGGGGAGTAGA  
TCGCCAATGTAGCCTGTGCTAATCGTACATTATTAGTCATTGATACTTAGAATTCT  
ATATTCTACGAATATTCATTGGCGATCGACATCTCCATATGAAGAATTATCCG  
ACTTTTAAGCCGACCATTCTCACCTCGAATAGCAGTGTAAATCGATTGGCTTATCTA  
CTGCGGCTTACATGTTCGCATCTCGGAGCCCTCAAATGACTTGTAGGATTTT  
TATAGATCTATCATTATGCTGAAAAGTCTCAATGCGCGTAATAAAAGTCAATCTA  
AGGACAAAGTTGCGATAAGAGCGAACAGCAAGACGCTTGGCGATCAGCTGATAC  
CCAACAGGTCTGATAACACGTAACCTAGCATCAAAGCTCACTCAAGCACCTGTGAT  
GGACGAATGGAAGTTGATCAACCCGCATTCCAATGCTCGCCATTACCATCG  
GATTAGACAGACTACCTAGTGGTTAATTCTAGACGCATTATCAAATCATCGCTG  
GTGCTGCGCTGTGAGTAACGCGTAAGTAGGCCAGACTCGCTCAGCATGCGCC  
GCGCCACCATAAGGCAGGGCTCTTGGCCCCGGAAGGTTGGATATAGCAATTGC  
GTGAGGAGATGGATCAATGCACGAAGGTGTGCCATTCAAAGGTTCTACTTCC  
CAATTGAAGCGGCTACGCTGGCGGGCTTACTCAAGCACCAAGGTGCAATTCTG  
AGCCAGATCCCCTCGCCTAGGGATCTCCCGCACACACTCGATTCCCGCTGGACG  
GAGCTCGTCTTATACCGAGCGTCTACGATGCCATTCCACCATGAACTGCCTT  
ACGGCATCAAGGGCATTACGGTGGAGGACGAAGACCTATGGGACTCACCGGAGTTG  
ACTATCCGACATGTCGATCTCAAGCAGTGGATGCGACATCACTACCCGAAACACAG  
ACCCGCTTCCTCTCAGCCGAAGTGAGCGCATGGCTCATCCAACCACGCTTGA

AACTGGCCACGCCCTGTTGGTTGAGCGTCAGGCAATGAAAGCGGAGCTGCAACACT  
ACAAACGCCAACTCAAGGCAGTCAGGAGCAGCACGATGACCTGTTGAGTCATAGC  
AAACAGAACCGTGTCTGCAGCCATTGCTCCATCACAGATAGGTCTGAATCTACGTAT  
CAAAACATTCTAGGGGGCATGTTGACTTGATGCTTCTCGATCACCAGCAGGCAAG  
CCGTACTCCAGCTCAGAACCCAAGAGGCCATTGTTCTGCTCTGCTCAGGACCGT  
GGCGGTTGATGGGCATCACTGAGCGAACCCCTGAACGGTAAGTTGCTCAGGACCGT  
CGCAAGATCCGAAGTGCAGAGACATCGGGTGGCCACACTCGTTAGTGGCAGATT  
AGCACCCGGTTAGCAGCCAAACCATCAGCTGCAAGCTTGTATGTCAAGATCAAAT  
ACTGCATTGCAATGTCTTGCTAGCCATGTGTATTGAATAAGGGCACGCCAACGA  
ACGCCACTGAGCGCTAACCGAGTGTCCACGATGTTGCAAGTGCCCTGCCCTCCCACAG  
GGGGAGCGCCGCATTCTCGGGCTTGACGAAGTTGAAGCCAATCGGGATTCAAGCG  
TGCCCCACATCTACGCAGTCAGTGAACAAAAAGGGTGAGTTCCCACAGGCGCTGCGTTGGG  
CGTTCGTGCAGTCGGCTGGATTCCGTAGAAGTAGACCTCTGGATCAGTGAGCGTT  
AAATAACCGGGTGCAACAACCCGCTCTCCCACGTAACGTCTAGGGAGAGCAACGAT  
GCAGATCGTATCCATTATTCCACGAAGGGTGGCGTCGTAAGACGACTACCGCAGC  
GAACCTGGGTGGCTGGCCGCTGACGCCGGCATCCGTACTGCTGCTTGATCTGGA  
TGTCCAGCCCACTTGTACGTACTCGAGCTGACGCACAGGGCTGCTGGTGGCAT  
CTATGAGCTACTGCTTCAATGAACAGCGCACCGATCAACTGATATCTGGACCGT  
GATCCAAGGGCTAGATCTTGTCTGTAACGATGATCGCCGATCTAAATACTT  
GCTCCTACATGCCCTGACGGCGCTCGCCTACGGCACTGCTACCTATCTTGC  
CCAGATTACGACCTCGTATTGATCGACACGCAGGGTGCTCGCAGTGTACTCCTTGAG  
ATGGCCGTTCTGCCTCGAACATGGCCCTATCCCCGGTTACACCAGAGATACTGCC  
GCGCGGAGCTCGTCGCGTACGTTACAGCTGCTGGAGGACATCGCTCCTATCGT  
CACCTCGGTATAGAGCCTCCAACGCTACATCTATTGATCAACCGAGTGCATCCGGTC  
TCCTCCAACGCTCGACTCATCCAACAAGCCCTCGGTGATGTATTGATGCACATCCA  
GGCGTCTACGTGCTCAATACTGATGTTCCGGCGATCGAACGCCTACCCGCGCGCTCA  
ACGCGGGGCCTGCCGGTTACGGATTGAAACACCGCCAGCCCTCTGGCCAGTCGCC  
CCCGCAGCATTAGAGACGATGCAGTCAGTGGCCGGAGAGTTGTTCCGAACTGGCG  
TGAACGCTTGCGTTGGTCAAGGGCAAGCCCACGTGATTCTCGGGAGGCCGATGG  
CGAACGTGCATGAACTGGCCCGGGAACAAAGCGTCTGAAAACACTGATCGAATT  
GCTCTGCCGAAGGGTGGCACATCCAGCGAACACAAGGGGGCACTTGAAGTTCAC  
CAAAGTGGCTGCGCCCCGATCTACACCAGCTCGACGGCAAGTGACCATCGCGCCA  
GCCTCAATGCGCGAGCTCAGCTCCGGAGCTGAGCGTGAGGCGGAAGACGCTGTG  
GCGATTCGATGGAGAGTAAACGCCATGGTTGAGATCACGCCCTCAAGACATGGCC  
GGAAGTTGCTGCCGCCGGATTCCAGCGTAACGGGAATCCGCCCTGGCCCTTAGC  
GACCCAATTGCCGACACGCCGATGGCGTACACTGGACCAAGTGCCTTATGAG  
CACGACCCGCGCGTGAAGCGTAACCCCTGCTTATGAAGAGATCAAGGCCTATTG  
GAGCGTGGCTTGATGCCCTCCCTATCACACGACGCCGGTGAGGAGCACTTC  
ATTATCCGAGCGCGGTAACACCCGCTCGCCATCCTCGGTACTGTGGTCGGAG  
ACGAAACAGGAACGCTTCTATCGTATTCCCTGCCCTTCCGTCCTGGCCTGAGCGCG

GTGAGATTGTAGCGCTGACCGGTACCTCGCTGAGAACGAGCTGCGCGCGGTCTG  
ACCTTCATCGAACCGCGCCCTCGGAGTCGAGAAAGTACGAGAACTCTATGAGAAGGA  
GAAGGGAAAGTGCCTGAGCCAGTCTGAACCTGCCCGCGTCTATCAGCGGACGGAT  
ACCCCATCCAGCAGTCACATATCAGCGAACATGCAGGATGCTGTCCAACATCTTTGC  
CTGCCATCCCCACCTGCTCTATGGCGGGCTGGGCCACACCAGGTCAGCGCGTTG  
CCGTGTTGCGTAAGGCATGCGAGCGGATTGGCAACGGTATTGGCACAGTTGATGCACAAC  
TGACTGTGGACTTCAGGGAGTTCTCCAGGATGTTCTGGCACAGTTGATGCACAAC  
CTGACGCCCTCAACATACAGCGCGTTCAAGACGAGCTGGTGGCCAGATGGCAGAT  
CTGTTAGGCCTGACTATGACACGCTTACCCCTGGATCTCAACGATAGCGAAAGCCGT  
CAACGTGCTTGGTTACCGAGCCAGCCGCCAGTCGATTTCACCTCCCCACCCCTGTCT  
CGTCTCGGCTCCCCAGTCCAATCTCACGTCCGTACAACACCCGGAGGGCAATGTCG  
AGAGCCTGCGTACACACCATCGCCATCGCGAGAGAACCCAGCACCCCCAAAAAAA  
ACTATACCGGCCGATCTCATCCCGCTGCGAGCAAGCTACCGTCGGTCCCTGCTGCG  
TCGGCTGATCAGGAGGTGGGTGATCTCGTCAAGAGACATCGTATCCCCTGCACAG  
ACGACCGAACGGTTGCAGTCTATCCAACGCCTGATTGCAAATGAACTCGGGGATGC  
CCTGCCTCCTGACTTCGAAGGCAATGTTCTACAGGCAATTCCCGTCCAAGCGGGTGG  
GCTCTATCCCATTACTGACGTCTGGTACATCGATCCAGGCCTCGACATTCCAGACCG  
GCTACGGGTGCACATTGACAATTGCTAGCGAAATTGCGGAGGCCGCTTCGCTTGC  
AGATTGCATCGTCCCTGCAACGACGGCATTGGTTCAAGTGCACAAACCTGAGCTGAA  
AGGGACATCCGACGTCGGCGCGATGTGGTATGCTTTGGCCCGCTAACGTGGCC  
AAGGTTGATTGTCGAAATGGACCGATTGGCGGTGTCTGCCAGGCTGCTGCATG  
GTGCAGGTGATCCTGCAAAACGACTGAGTGACACGGCGTTGGTCAAGCTGTTCCGG  
CTCCTAAGGTTGGCTGGCGTCTGCTGGACATTGAAATCGTAGGACTGGTACCGGA  
TCTGAGTGAGGTAGCCTATCCATGTCGTACCGCATCCGCTAACCAAGCAGTGATT  
GCGCAGGCACTACATGATCTACGCAACGGTCAACTGCGCCGATGCAAAGCCATGGG  
GTTTGGGGATGATGAGCTCGATGCTCTCAAGCACCCATTCTCAGGTAGTGTGCTGCT  
CAATGCGTCCGTCTCATGGTGTCTGTCACCGTCAATCGAGATGTTCTGCGTCGGCTG  
CTGATGCAAGCGCAGGATGTTGAGAAGGAGATTGCGACAGTCGATCGCATGCTGCG  
ATTGGGAGGCCAGCACAGAGATGGTCAGCCGATTCTATGGTTGACTCACCAGGAAG  
TAGCGCTGCGCCCGAAATTGGCATGCCAACGCAAAGAACGTCACCCGGTA  
CTGGATGAGTCTCAGGATACGGAGCTGTCGGTAGATGAAAGTCTCACCA  
GCAAAACCCCTCATGGACGATGATGCATCGTGGTTCACGATCAATTGGATCTGTC  
CGAAAGCATGGCGTACCAACTGTCGTGGTTGGTCCACGATCAATTGGATCGA  
CCAGGGACTGGTTAGGTATGGCAGTGGATGATCCACGCCAGGCCGGTCAA  
TAGCGTTGTCGGATCTGTCATAAAGCGCTGAACACTCTGCTGCAACGTCTACCC  
CAAAGACCATCGCGTCCCCCTGCCGACACTAAGCGACGGATTGGTATAGCGCA  
ACCGACACGAGAGCGTTCCCGTGCACTTCTGATCGACGATTGACACCGTTGG  
AGCGCAACCGTGGCAGGTGTTCCGGTTATTGCTCAACGATGACGGCCTACCGCAT  
TCCCCACCTATGACCAGCTACGCCCTGGTTGGTCCATGCCGGCAGTGCCAAG  
CCTCGCACGAAACTGTTGCCAGCGCTCACTTGCTCCGTCTAGCCGGTGGCTGA

GTCTTGTCCGCAGAAGGCGCGACCCGAAAAGCGGACGCATTTGGGCAATCTCTAC  
GTGCTGCACGATGAGCCGCTGACACCCTTGAGGCATGCAATTGGACCCGGACTA  
CCTGGGGTTAGTTAGTCAGGCCTAGGCCATGCTGCCAAGGCCGTGCAAGTAGTGG  
GCATACAAACTCTGAAAGAGATCGCTGAGGACCCGCTGCTTACCGAACGTTG  
CCCTCACGCCCTGCAGGTGATGACGACTCGTCTGACCGAGGCAGGGCTCCACCCGTGAC  
AGTTATCCCCAAGCAGGCACGTTAACGAATCCGAAGAAGGTGAGCCAGCCCTTCT  
TCGGAATCTCGATCCGATTCTCGGAATCCGAAGCAGGGCTGGAACCCACGCCAG  
ATGGTGCTCTCGGAATCCGAATGAGGGCCGTACAGTACGTAAAGAAAGTAATAAA  
AAAATACGTACTACTACGGGGCCCCATGTGTTGAACGGTCTGCAACTGCCAAACGT  
TTCACTCTTCTCAAGGAAGAGCAGCAAACAGGGCGGCCGTGGCCTGAGCAGGT  
TGACCCGTCAGTGAGGCAAGCTGTGCTAGACGAATGGGAGGCACGTTGAGGGCCA  
GTTCCATCCGGAACCCCCGCTGGCTATCTGTTCGGCATAATTAGCGAGCTATTGCG  
GAGAGTTCAATGCTGGCTGGCAAAACCAACCGAAGGCGACGCAGCCAGCCACT  
GCGCCGACGGAACCCACCTAAAGTCGCGGCACCTGAAGTAGCCCAAGAACATATCGC  
ACGATTACGAGAGATGTTGCGCTGCAGTTGACCTGCTGGGGAGACGCTGAGATG  
TCTCTGGACTTCAGTGGAGCTATCCCCAGGGGATAGCTCGGGCATGCAAGGCTTCT  
ACGTTGCTCTTCGTCCTCATCTGCTGCCAATAGAGGTAGTTGAACAATGCGTC  
GAGTTCAGAGAGGGTGGTCAAACCAAGATGCTGTTGAACCTCCTGAGCATGCTGAC  
AGTACATTGCGTAGAGCTGACCGTTCACATTCCCTGCTCGGATGAAGGGTAC  
CAGTGATACCTGCTGCCCAAGACCCGAAACGGCGTTCTGATTCACTGCATAGC  
GCTTGTGTCCAGCGTATGCAGCACCTCGGTAGCAGGTTGATACTGCACCTGTTA  
TGCCATCGAAGTGGTATGGACTTCGAAGGCTGTCAGGCGAGAGTCTGCTCCGGC  
TGACGATATCGGCCAATGCGGCTATGAATCTGCAATTGCTCGGCCATTGAGTGT  
TCTGCCTATGCAGACCTCCTGAGTGGAACTGATCAATGAGCTGATTGTATGCA  
AAAATGAGCTTGGCGAAGGACGACGCGAGCTGATCCATATCCTGATCTGCTGCCTGG  
CTCTCATGAGATTCTTCTGGCTGTTGCTGTGCGGCCAAACCACTGCTCGATT  
GTTGCGTTCATCTCGTCCAAGTGGTACGCCAGCGACGTCCACCCAATTGAGTAG  
CGCCTCAGTTGGAGTCCAATTCCCTACCCGAGG

>CONTIG\_55\_length\_7959\_cov\_14.309627

TGGCGCGCATGGTCGTCAACCTCTGGCTTAGTCACCTGAAGATTGCGCCATGC  
GCGCACTTCTCCAGACGATCATGGCGAAGTGTGATTGATCTGACACGAGTAAATGT  
GGGGAAACCTCAGGGCAGGAGCCCCCTTCTGCGGATGGACTGGACCTGGAGTGG  
AAGATAGAGCGGTGGCTGGGGCGGGAGCCCTGGCCTGGTGCATCCGTCCCCGGA  
GGGGCTTTAAGCGCGGCAGAGCCGCGTTCTTGTGAGTTCTATAAAAGAAAAG  
CAAGGTAAAAGCGGCCAGGGCAAAAGCAGTCTGGGAGAAAAGACAGGGAAAA  
GCAGCAGCGGCTCTGCCGTGCCCTGGCCTGCTGAAATGTGAGGCGCTGCAACGG  
TTTATCAAATCTGCTTGTGACAGTTTAACCTAGTCAAAATGATCGGTTA  
AATATATTGTCAAATAATCGTTCTCGTAACCTGAAATCAGAGGAAAGCAAGCCGC  
TTTCGAAAAAAAGAACCAAGCCATGTTCACCTAACCTACATCGCAAGCCTGCT

CATTGGTGCTTGCTGGCCTGCCATCGCTGACCGCATCGAAGCCAGTCCACACTT  
CAACTAAGGACATATCAAATGAAGAATTTCGTTAACGAATCCGGATTGATGAC  
ATGAGGGCCTGGATCGCTGACAACCAAGCCAAGTTAACAGCCTCTATTACGACGC  
ACAAGAGATGGCTCGGATCATCGGTGGCGATGCCCTGGCTTCCATTGCGATTCTG  
GGAACAGTCGAAGAGGACGACAGCAATCACGATCAGCTGGTGAAGACGCGAACT  
GGGACTTCAGTCAGAAGGATTGAGCGCTATCAGACCTGTTGTCGTCAAAGCAG  
GGGTAGATGAGGCGCGGGTCCGCAGCGAAATGCGCCAACGGAAACGATGGAGGG  
GGAACAGCAATGAGCACCAACCAGCCAGCCACTTGAAAAAGATTCCCCAGCACCCGCC  
AGCCTCAACCCCTTGGCCCTGCTCCACTCCTCGTCTGGGTCAAGCAGGCCCTGGCC  
ATCGGCCAACTGGGCTGGCAACTGCTCACCGGGCCGTGGTCCAGCCTCAAACACAT  
CGCCACCGGCCTGCTGCTCAGCCTGGTGCCGGTGTGGTCATGCCGTGTGGTCGCT  
CTGCCCTTTGGCATCGCCCAGCACGTCCAACACTCAAATGAAATCGAACACCTGATCC  
GGGAGGAAACCAAGCCATGCGCAAGATCTCAACAAGCTTCTCAACATGCCATCTTC  
GGAGTGGTCATCTCGCCCTGGACAAGGTTCCGGAGCGTCTTGATCGCATGACGCAT  
ACCGCCAAAACCTGGCTCAGAACGTCGGCTACTCGGGACCAATGGCTGGATTCC  
CAATGGGATGCCTGACGACATCGACTGGTAAGAATGGATAGATCGATCTACTCATTG  
AAGGACCTGTTGGCCTGCGCCAAGCCGAGGGACCGATGATCTGGCGTTGCGCA  
ACTCAAGCGCTGGTGGAGGGGGCAAATCTTTCAACCGCTGCCGCATGGA  
CGTGGACCAGGATCCGTTGTGGAGGCCGGGACACGGTCGCTGGAGTGATCTTCC  
GCGAGCTGGTGGCGGGCTGGCTGGAGAAGGTACCCGAGCCAGAGCAATGGACGC  
GGCGTTACCGGCATAAGTGGACACAACAAACGCACGCCCTCTGACTCGAATCCC  
ACGTTGAGCCGGGGCACATCGCCCCTCAAGCCCACGCTCTGCAATGACTGGG  
CCCAAGGAACGAGGTGCCGCACGGAGGATGAGCCGGACTACGGGTTGCCCTTGC  
CGCCGCTCGGCGCGCTTGAACCTCTCGTCCAGTCAAGCATGGCTGCACGTC  
TGCCAATAATCATCTGGCTCTGGAGCCAACGGGCTGTCCGGTTGAGTGG  
CTCAAACGCGGAATACTGGACATCATCCATCGATCAACGCGCAGTCCGCTGGGGT  
GATGGCGTTGAGCCGCTTGAACGGGCTGTGAGTGGTTGAGTGGTTGATCTCG  
GACGATGCCGGAACAGAGGTCGCTTCCACGGACCGCTCGACCAGGATTCTGAAGT  
TGCTACAGGCCGCTTCAGGGCGAGCTCTTCAAGGGAGCATCCAGCTTGTGAGCT  
GCCCAATGCTGCCGACCATTGGCAAAGCCGGATTGGGCTTGAGCGAAAATGTG  
TTGATCTCGGCCGGCATGCCGGTGTGCTGCCATCGCGGGCGATCGATTCAACCGAG  
ACCTGACCGCAGGCTGATCGAGCTGGCCGTTGAGTGGGCTTGAGCGATTCTGGAG  
ACCATCAGCGACAGCCGGTGCCTGAACACGATCACCTGACGATGCTCGGCCAGTC  
CACCAGCGTTGGCGACCGCCTCGTAACGTTGATCCAGCGAGGAGATGGGAT  
CGTCGAAGATCACCAGCCGGCAGCCCTGCGTCAGGCCGTGCGTGGCCAGGAACGCG  
GCCAAGGTGACGATGCCGGTGTGCTGCCCTCGCTCAAGATCTCCGGTTTCA  
CCGGCCGCCGTCTTGAGTTGAGTGTAGAAGGTGAACGCCCTTGCTACGGCCGG  
TGGGCCATGCCGGACGGGAAGCAAGTTGCCGCCAAGGCCCTGAAGCTCGGCATTGAA  
TCGATCGCAGTAGCCTGGCCAGCTCGGACTCACCAATATCGTTGCTCTGGACGT  
CAGCTGATTGGTCGATGTGGATCGAACGGCGTTCCACCGTTGCTACGCGCTTGAG

GCGAACCACATCGGCCAAACCGCGTCGCGCTGGCCGCCAGCCATTGTCGAGCCT  
TCAGCTCGCGAAGGCGGGTTCTTCTCCGCACGGCCCTGGGTCCAGCAGGACCG  
CCAAGGCATTGCGCTCTCGGGTCGACTTGACCTTCTGATCATAGGCCTGGTCC  
ACACCGACCACTCCACCGCCGGAGCCGCCGTGGCCTCGGTATGGCTTCAACCTG  
CATGGATGGCTTGAGAACAGCTCGGTGGCTGCTCGGTTCCAGACCAATGGCAGCGC  
ACTGGGCTTGCAAGCAACATCGCGAGGGGGGGCAGCGCTTCTCAACGCC  
TCCAAGGCCTTCTGACTTGCTTCCGTCTGCAGCGTGTGAGGTAATGCT  
CAAAGCTGCCAGCCGTGCCTGCCGTGCCAACGGTGCTGGCAAAGGACA  
CAACAGGCCCCCTCACCGACGTGCCGGAGGGGTGGCAGGGTAAGCGTGGCCGGT  
CGAATACGCCCTGGCTGCCAACAGGGTCCGACATCGCGTCTCCGACGCC  
CAGCGCAGACCGTTGAGGAAGGCCGTGGCGTAGGCCTGGCAGCGCTTGA  
CCTCCGCAAGCGGTGCGCCCTCCGTAAGCGCTTGGACCTCCATCGCTACGCTGT  
CTTCAGCGCCAGAGGCTCGTGGCCATCTGCACAGCGCTCCAGCTCCCCACAG  
CCTTGGCGTGGGCCACTTCCGGATTGGCCTGTGCCAGCGCCGTCCAACGCC  
GCTCTTCATCTAACGTGGAAGGGAAAGGCGCAAGCCTGTCGATATCGTCCTCGGT  
GTTTGCTGTCAACTGTGGAGCAACGTGGCAGCGCTGCTCTGGGAATGCTCCGCC  
GGATGAGGGGCAGGCTGCTGGTAGCTGGCTGCCAGCGCCCTCAGTCGAATGGCA  
ATGCCATCGAAATCTGGATGAGCATGCCAACAAACCGCATGGCGTGGAAAGGT  
GGTGGCGGTGGTGGCAGTGTCCCCGAACTCCACCGCCGTAGCGAATCAAAGACCG  
GGACCGCTTTAGCTCGGATGGGGCCGTGTGCCCTTCCATCCGAGATCGGAAG  
ACGCAGTGGTGCCGTCGGCCCGCGTCGTGACCTGATGAGGGCGGAAGCGGCT  
GCGGAGCCCTGCTGAATACGTTCCGTGGATGGATCCCTGGCCGTGCCCGAG  
ACGTGTTCATCAAGCGCGTAGCCCATTCCGGCCCTTGGCCGTAGACC  
ACGGTCATCTGCCCTGGCTAACGATCCAAGGTGGCGTCTCCCCGATGGCATTGACG  
CCGCGGATGGTGAGACCGAACGATGCGAAGATCTGCCCGATGGCGTTCCCAA  
GATGGTCCCAGGCCTAACATGGCGGTGTGGCGCGTCCAGCGTGTGGCTGCT  
CAGGCAATGGACAGCCAGGGCTCCATCTCTTCCGTCGGCATGCGACGGTGC  
GATGAGGATGGCCGCCATGCGCAGCCAGCTGGCGGCCATTCAACCAATCTT  
CCAGCGCCGTGGCGCAGCGGCCCCGTCTCGCCATGGATCACATCCCTGTG  
TTCGGCGGTGAGCCAGGAAGGCCCCATCCCCCTATTCAATGGTACGCTGGTC  
GGCCCGGGCAAGTCGGCTCTCGTTGGCGTCAGGACGGCTTCGGCGAGGA  
AGATGTTCAAGTCATTGGGGATTGGAGAAGGATCTAGGCCTGCCATCGAGG  
ATCGGTGCCAGCTCGCATTCAATGCCGGCTCTGCCTCAACTTGGCCAGTCC  
CGGGACACCCCTAACGGCGGCCAGGGACCGACGGACGGTGGCAACCAGCG  
GCTGACTGTTCGTCAGACGCCGCTGGTCCGAAGGCTGCAACGTGGCAACTG  
GATTCCAACAGGTTGATTCCACCAAGGGCCTGCATCTGCTCAGGAGCC  
CGGTGGCGCTGGGACCACCAAGTGCCTAACAGATTCAACATGAGGGCTTCC  
TTGGGGCGATGAATGCCGACTCTGGAGTCGGATCGACATCTACGCCATTGCT  
GCGCGTAGGCTCTGACCTCGCCAGCAACTCACGTTGCTGGTGGGGTCAAGCG  
ACATCACCAGCAGCGTCTGCCATCAAATCGTGGCAGCATGAAAATAGGCC

GGAAGACCCAGAGCTCGGCCAGCTTCCATGCTGCAGGATCCGGCACCCGATCG  
CCTCTCTCGTAACGAGAAATTCTGGGGCAGCGGAGTCTCCTCGTCCAACCCAAGC  
ACGGCCCCCAGGTCCGCTGTGTCAGCCCCCTGGCAAGCCGGGCTCGCGTAAGCGA  
CGACCGAACATATGAGCAGGGCGAGAGGAGCAGGCATGGAGATCAACGGATCC  
GTAACGACCCCACAGTCTGCCGCTCCAATGCTGCACTGCATTGCCAAAATGGCAA  
ATGCGGCCAGGGCGGCCACACAGGGCGTGCATGAAGCTGGGATAGGAGCA  
GTGACCATTGCGATTGCGGTGGCCAGTGGGACCGCTGGAGCTCAGGACGGCATCTT  
GGGACGGATTGGAAAGGACTGATGCAAGCGGTAAAGGCGCGGTGTCCGCCA  
GCGACGAAGCGTTACTTGGAGCCTGCAGGCACGTATTGGGACGACGGCGATCCCC  
GGTTGTGGATGGCTACACCCGCGTTCGGTGGGCCCTGCCGCCACGGCCTCTGGCGG  
ATTGACACTCTCGGAAGGCAACCTGTTAGCTCAGGCCAAGGCGGGTTACGCCATGG  
CGCCATCGACACGCACCCGGTGCATTGGCAGTTGGCAGCACCTCTATCAGCGGCTTG  
GGCAGACCGGCACCCAACGACCGCCTCGACGCCAAGCGGCCAGTCGCTGCC  
ACGGACCAGTTTACTTGCGCCCTCACATCGACGTGGAGATGACCCGAAGACCGG  
GATCCTCCACGCCTATCGAAGGTGTTCGACAACGCCCTGGTATCCGCACTCACCCGG  
ATTCCTACCCACTCGGGTGGTCGGGCATCTCCGCTGGGAAGGGAACAGCCGTGG  
TCGGGTGGAGCACGGAGGCCGCTACCACGCCCTGCGCCTGAAGCCAGAAGAC  
GTGGCTGAACTGAACCAGGGCGGGCGAGACGCGACCGGGGACCGAATCTTTCAA  
AGTGCTGAAGGGTGGCCTCAGCCAACGGCTGCCAGACATTGTGTTGAGATCGA  
CCGCCTGGAGATCGGCTACAAGAGCCAGGTATCGGCATCACCCCTCCAAAAACA  
AGGGCGCATGAAATGAGCGAAAAATGAAGCTGCCGTAGCGCTCACCGTGTGGC  
CTTGGCGGGGTGTTGGAGACAAGGGACCAACGAACCAAGACGCCGTCAAAGCG  
GTGGAGGCTTACTTCACCCAGCAAGGAAGGAAGCGACGCTTCAGCGGACATGGCG  
CTTGAGGTGACCGACGCAGGTGATCTCGCTGAAATGCGAGAAGAAGGCCAATG  
GCGACCACGCTTGCACGTGTCGGGAATCGTCATCGCTGGGACTTGGGAGGG  
CAGCCCACAAGCCAGGAAGGAAAAGAAATGAAGGTGAAGATGCACGTACCTTCC  
GACCGCAAGGCAGGGGTGGCAGCCGGTGGAAAGTGAAGAACGAAGGGACGTCCGC  
AGGCTAAACGCCTGCACGCCATCGTCTGACTGCACACGGGTTCCGATCAAGCGTGC  
AGCCAAGACCACCAGGGAGAGAAGATGATGACTGCTTACGCACCGCAGCCCCGCAT  
GATGGCCCCACCTGGCCGTCTCAGATGATTCTGCGCTCGTGTGATCTGGGCCCGTT  
GGGGCTTGTGCACTGGCAGCGGGATTGGAAATCATGAAGCGCGATTCTTCATAGG  
CCTGGTCTGCTGTGCCCCGTGCTCGTCTTGCCTTGGCCTTCTGCTTGCCTGCC  
CTCCATGTTCGAGCCCAGCGGCTTGGCACGTCAAACCGGGCGTGTGCCG  
ACGTTCCGCCCCACGGCTTCTGAAGGGGGCGCGGTTGGCACGTTGCTGGCGG  
CGGCTTGGTATGTCGGCGCGTGGCTGGCATCGGTTGATGGAAGACCCGCTCTA  
TGGGACGTTGCCAACTACGCTTTACGGAGCCTCCTACGGATTGCCGGTGTG  
GTTGTAATGCCGTGGTGGCCGGCTGGCGAAGCGGGCGTGGGATCGCACCGCTGT  
TCCGGCGCTCTGATGCCCTGATTCTCACCGACTGATAAGGGTGGTTTCAGCGGG  
GTGACACCGACTACAACCGCTTACCTCGATACGGTGCCGAGGTGATCGTGGTGG  
GCTGTTGCCAAGCCTGCAAAGAACTCGTCGAGGAATGCAGTGGCTGAGTTGATT

GCCCCATGCCGCACAATCGGGCGACAGAAACCTGGGGATGTAATGCACTGTTGTAGG  
CAGGAACTCGAAAGCCGCCTCCAGCGTGACTGGAGCAGGGCTGCCATAGAGGCGGT  
TTTCACCCACCATGTTTCAGTGCCTGCATCCAGCCAGTCGTGCTGTAGTGGATGAG  
GCGGTTTCGAAGGTCGATGACGGTCTGGCGTCCATCAAAGGGGATCGGTGAGT  
CGAGCTGCTGAGCATTGGCGTCCTCCAGCAACTCATTGAGCCGCAACAAAGACGCA  
GGAACACCCCTGGCGCGTTCCGAGGGTGCCTCGTCTCGGCACCTCGTTGGCA  
GTGGCGTCGATGAATGCCCAAGCAGAGATAACGGCAGCGGATACGTGAGCCTCGAG  
CGCGATGCCATTCCCTCCGCTCCATCTAGGGAAACTCTGAACAAAGCACAGCAGAT  
GCGCAGACACTATGTGCCACAGAGTGAGGAGTCATCCATGCAACTGACGTTCGGTGA  
CGCTGAGGGCTGGCAAGCGCAAGCAGACCCGGCGAGATTTCCTGGCCGAGA  
TGGAGCAGGTGGTCCGTGGCAGCAACTGCTCGGGCTGATCGCGCCG

>CONTIG\_56\_length\_7608\_cov\_11.877423

ATCCTCTCCACAACCATCCTCGGGCAATCCGGAGCCCAGCCAAGCCGACCGCCAA  
GTCACCGAACGCCCTGAAGCAGGGCCTGGCGCTTCGACATCCGGGTCTGAC  
CTGGTCATTGGTGGCCAGCAGCACGTAGCAGCTGGCCAGCAGGGGGTGGCATAGCC  
CACCCCTCACCTGCGCAGCCTGCCAGCCTAGACTGCCAAGGCAGATGCACTTCCA  
AGGAGCAGGAAATGAAGGCCTTCACGTGCGCGGGATTGTGAGGAGACCGACGGC  
AAGCGTCCCGCGTGCATGGAAGCCACGGTCGAGTGCAGCAGCGAAGAAAGACAT  
CGCAGATGCGCTAGCGATGCTTACGGATGGCTGGTAAGTGACTTCGAGTCGTAGA  
CGGTGCTGATGGTGCCTAGTGGATTGAGAGCGTGAATTCCATCCTGGACGCACGCTAC  
GCCTGACGGTTAGACTCTGGTGGCAACGAAGGACATCGAGCACTCACGGAGGCTCA  
GCTTGCCTTAAGTGCAGCATTGTGGTCTTACCGTTAGGAACGCTCGC  
CTGTGCTCAAGGACCGCGAGTGACCACGCCCTCAGGAGAAAACGATGGAAGGAC  
ATCCCCCCCAGCGCCGCAGACGTGCGCTCCGAGCAAGACAAAGCCGCTGCTAGTGCG  
GACAGGGCCGCAGACGAGGCCAGTCGGCAAGCCGCTCCAATGCTGTGGTGTCA  
CGATTACCCACCACTGCCGAAGGCCAGCACTAACGTCAGGTGCGTTGGTCAGG  
CCATCGTTGAATGGCAAATCTTCGAAACCGAGACAGCACATGGCCCCGGTGCAT  
GTTGCGACGTGTCAGGGCTTGAGGTGACGCCAGACAGTCAGGAGCAAGGGCG  
GCTCCAGGGCACACTGGGTGCAGGGCACTACGAGTCGCTGTGAGGAC  
CGCGTCATCCCAGGCCACACAATCGAGCTCACAGTGAGGCCCTCCGAGGCTGCGACC  
TGTCGTTCAAATCGCTGCATGACCCATTGGTCGAGGAGGGTCCGGTGCAC  
ACGCGGTGGCTCAAGCCAACGGTCTACTTGAGCGAGCACTCGCAGACGGCTT  
GGCTTGTATGTAGTCGTCAGCACGGACAAGCACGACGCCACGTTGCGTTCGCG  
GTCAAGCTCGAAATGGAGCCTCGCGATGGCTGATCAGCGCAGATTGACCGTTGCT  
CCAGAACCTGGAGCAGCAGCCGGACCTCCCCAAAGGCGCAGTGCCTGAC  
AGGCCATCGATACATCGCCTTATTGACTTCGGTGATGACGCAAGCCATCGAC  
GCACCTTGCAGGGCTGGAAGTGTCCAACCAGCGAACGAGGGCGGGCA  
GACAAGACTGGCACCATCAGCATCAATATCTGATTTCGAGGCCATCCATTG  
GACCGCTGGACATGTTGGCGGGAACGGTGGGCATGAGACCGGGCATGCGCTGAT

GGCGCCGTCGGCGCAAGTTCGCTGAACACTTTGTGTTCAAGCTCGATGCCCGCCT  
CAAAGAGGGTATCCAATACGGCGAATCAGTGGTTGATGCCACGGGGCTGTCCAAGG  
AATTCTGTCATCCGCTCGGCAAAACGAAGCCTGGCCAGTTGGTGAAGTATGAATG  
CCGTGGCCAGCCAGTGGCGACGACCACGGGCAGTTCAACCAAGCCGAATTCTG  
CGTCGCGTCGAGCCGACAACCGCTGCGTGAAGAGACGAAAGCTTGAGCCGGCAT  
CCACTTGGACGAGCGCGATTCAACGCACAGGAACAGCATTCCAGCCCAGCTG  
TGGAAAGCCGTTGCCGTTGTCACCTCGACCAGCGACAGCAGCATGGGGCGCCAG  
GGCACGTCTAACTACCCCCGCTACTATGTGGCCTACCCCTGTGAGCGCGGGGGCTGCG  
TTGTTGAGAGAGCGTGCAGGATCCACGACCCAGGCCTGCCGCCTCGGTTACGAC  
CTCGCAGAGTTAGGCACCGATAACGCCAAGCTGGAGGGAGCCGGCTGAGCTTGGG  
CGGACAGGGCAAGGCCTCGGATTCTCGATACCTCCCACGGTCAGCAGCGGAAG  
TGGAGGTGCGCCAATTGGGCCCAGCCCAGCATCGCCCGAACATTGAGCCATCCTCG  
CTTCGGTCACCTCGCAAGTGCTGGCGACAACCCGCACACCCGGACCACCTCGACC  
TATCAGCAGATCCACTCCTGGGTGCGCGCACGGAAAAGTGAACGAAGAAGAGAC  
CAGGAATGTCTCAGCTCGCCTTACAAGCAGCAGGTAGACGATCCGTTGCTCAAGCG  
GGTGGACCGGGTCACGGGAGGCTGGGGAACGATGGCGCTCAGAACGTCGTTGCGA  
TTTATGCCACACGGGTTGGACAAAGCGCCGAGCAGAACCTGCAGCAAGCTGAGGT  
GAGAAGCGTCTCAAGAGCCGGCCAGCAGAACCTGCAGCAAGCTGAGGT  
CAAGATCAGGTGCGCCAACAGGCCTGGAGCAGACACAGCAGCAAAGTCAGCAGC  
AGGAACAGGGCCGCGGATGACAATGGGGGCGCTGTGACCAACCTAGTGCACGCTA  
GCCAGTGCTGGCTACCCACGGCTAGGGCGCACGTATCCGACTTCGTAGCCAAG  
CTCACGGATGGCGCTTATTGGTTGGAATACAAGGGTGGTACCGGGTAGTAA  
CAAAGACAGCCAGGACAAAGCTCAGAGGGTCCACCTTGGCCAAGGCCCTGCGG  
GTAAGGCAATCTACTAAAAAGAGCGATGACGGCTGTCAGTCGGCAGCAACTTGC  
CAGGGCTGTGAGCTAGCGATGGCGCTGCCGGCGCCATGATCGCGTCTATTTTCA  
CGGAAGGATTGGGTGAAATCATGAGAGTTGGCGGCTGAAAATATCGAACTTC  
AGAGGCATCTCGCAAATTGACTGGTGGCCTGCGGGAACCGTCCTTGCTGCCTAATC  
GGTCATGGGACTCTACGAAATCTACAGTCCTCGATGCCATCGAGGCTGCCCTGCG  
TCGCGCTGGTTCAGCTTACGGAATCAGACTTTACCTTGCATACGACTCAGTCCA  
TATGCATTGAAGTCACCATTGGGAGCTTCGAAGGCATTGCTGTCAGACGAACGCT  
TCGGGCTCTACATCCGCGATGGGCAACGATGGCAGATTGACGAGGCCAGAA  
GACGGAGACGAGCCTGTATTGACGGTGGTGGTGAAGCGTCGATGCAACCATTG  
GGTTGGGAAATCATAAATGAACGCGCAGCCACCCCTCGCACCATTCCAACCGTG  
ACCGCGATTGTCGGCTGGTGCAGGTTGTCGGCGATGACGCCGCCATTGACTT  
GGGGCCAAGGCTCGGTCTGTCCAAGCTGACAGACGATACTGACGAAGCAGCCAAG  
CATCTTGTGATGCGTATCGCACAGCAAAGCGAGCGCAATCTGGCGCCATTCCC  
GGCTTGGCAGACGCTTACGGACCTGGCTTGAGCTGGCCGGTGGTTCTCCTCTGG  
CGTGACCGGCTTACGGACCTGGCTTGAGCTGGCCGGTGGTTCTCCTCTGG  
CTCCATTGCCTTACACGACGGCGCAGTCCACTCAGGTTGGCGGGAAATGGGGACCCG  
GCGCTTGGCGACACTGCTATCCAACGCGCAGCTATTGGGGACGGTGCCATCATCCT

CGTTGACGAGATCGAGCAGGGACTGGAGGCCACACCGAATATTGGGGCGATCGTCC  
ACCTAAAGGCGGCTCAGGCGCAGGCAACCGCTACGGGAGGGCTGTAGGGCAAGT  
GCTGATGACCACACACTCCGATGTTGCGTTGAGTGAGATGGCTCCAAGCTCACTCCA  
TGTCGTGCGGTCTTACCCCTGCTCAAGGCGTGCCTAAAGCCGCCCTCCGGCTC  
TGACTTCCACCGAATCCTTAAGAACGTCGCCGAGCACTCTCGCTCGCGTCTT  
GGTCTGTGAGGGAGAGACTGAACCTGGATTGATGCTGGGGATTCGCGAGCTTAC  
CATCTAGGCATGCCGGCGTTCCGATAGAGCAGCGTGGAGTCGCTATTGTTGACGGTT  
GTGGCACTGAGGCCCATTCCTGCTGCCGGTTGGAGCGATGGCTACCACACGG  
CGCTCTACCGCGACTCTGACGTGCCACTTGAGACCAATCAGGCCAAGTTGCTGGCG  
AAAACTCGGTTGAGGTCACTCACTTACGCAAGCGCGATCAACACGGAGCAAGCGCTG  
TTTCGCGCGATCAAAATGATGAAGATATGGACTTCATTGCAAGGTCGACCGGAC  
GTAAAAGGGTTCAATGCTGTTAACGACCAACTGGCTAAGGCAGTGCAGAGCTCAC  
AGGCGTTAACTCGCCGATCCCTTCAAACGTGGAACCAGTTGCTGAGGTTGCCAA  
CGACGACTTCATTGAGCGCCTAGCAGCCCTAGCTCGCAAAAATTCTGGTTCAAGAA  
CCGTCATGTAGCACGCTCTTGGCGTCTCGAGTAGACACTATCGTTGGCTGAATCC  
ATTGAACAACCTCGCACCTGTTAGCACGCCCTGAAAGCTGGATGTATGGTTGAGC  
CACTTGACCTGCTGGCTGCCGGAGGAAGCATCGTAGCCCCTGCCGGGACCGGG  
AAGACGGAGCTGATTGCTCGAACGGCCCGCTGGTCAACGGACGCTAGTTCTGAC  
ACACACGCATGCCGGCGTGCATCGTTGAGGGCTGGCTTAAGAAGGTGGGGTTG  
CCCAACGGCGTGCCTGGTAGACACCATCGCCGGCTGGCTGCTCGTACGCTGGC  
GCCTTCCGGCAAAGGCAAGCCCGAAGGGAATACCGAAGGTGCTGAATGGAG  
CCAGGTCTACCAGGGAGGGAGGATGTTCTATCCATATCGGGAGTCAGGAAAGTCG  
TTGAATCGTCCTACGATCGCATCTTGATAGATGAGTATCAGGACTGCGACCGTGC  
AACATGAGCTGGCCATCGCTTGCCAAACATACTGCCGACCATCGTATTGGCGACCC  
CAATGCAGGGATTTGAGTTCACCCGGTCAAGCGTTAGATGGCAAACACTCAAGTGT  
TTCCTAGCTCCCTAGTCGCGATGTTGGAGGAGGCCATGCGATGGCGAGGCCACA  
ATGTGGAGCTGGGACTTGGATAGCCAAGATCCCGGACAACACTGGAGCGAGGCCAG  
CAGATTGACTTGGCCGCAAGGCCAGCTACTTCATGCCGTGCAAGGACGCCATTGAA  
ATGGAAGCGCTTCGATAGGTTCGATGAGCGAGAGGGCTCAGGGCGGCCATTCA  
CTGTAGGCCTGGAGCATCGACCGAGCTGGCCAAGTCTCGAAAGGCCTTATCAATC  
GATTGAAGAAATAGGGCTAGGCCTTGAGCAGCTTGCTGGTGAATGGGACGACG  
CAAGCTACCGACGGCAAAGTTGCTGCTTGAGAGCCTACTGAGCGACACAAC  
ACAAGTAAGAAGCTAGAACGTCGGAGCTACCGATACTGAGGAAGATCTAGCAACGGG  
TGGCCGAGTGCCTGGAGCGCTGGCAGCCTGGGACGTCGGTAGCGCGGGGGATG  
CGGTGACCTACATTGAAGAGTTCCGTAAGCATTCCGGGTTGACCGTTAGGGGGG  
AACTGCTCGAGACACGGCGCGCGTGCAGACAACGGGTGAGCACGTCGGGCGCG  
AATCCAGAAGAGAACTGTGTCAACCCACTTTGCTGAAAGGCCTTGAGTTGACCA  
CGTTGTCATCCCTGATGCCGGCCACTCGCCAATGAGACATTGCCGCTGCAAAGTT  
GTTCTACGTCGCTATATCTGGCGAGAGAGTCGCTGACAATCTCGTATCCAGCCG

ATACCTTACGTTCCAGTGCCAATACTGAGCGAGAGTATTGCACATAGATTAC  
GCGCGACGGTCCCGGTCTGAGTAAATGGGCCACGTCCTGAGCGCGCTCACCGAC  
GAGACGTTAGTTAAGAGGGCTCTAGTGAAGTGAGCCAATACGATTTTCATGTGGC  
TGGTGAGCAAGGTTCAAGTTCTGTATCGAGGGTTGTGCCGGCTAAAAAAA  
CTATGTCGGCCACCGCCTGCGCTGGCTTCACGCCCTCGCGGTTCTGAGC  
TTTGCTTCTCGCCGCTGGCTAAAGTCCTTGCTGCAGTGAGCCAAGCGC  
TCGGTGGCTCGTGGATTGGCTCGGTAGTGATTTTGCGGTATGCCTTCTCCT  
GTCCGTGGATATGAGTCAAGCAGGAAAATGGCTGCGTCAAGTTCGGGCATCTCG  
AATTTGCCCGGTGCGAAAATCGAAAAGATCTGAAAAACAAGGCTGAAAGAAAGA  
AGCAAGAGCGCACTTAGGCAATGTCTCGTATTGCGTGCAGGTGCTACGCC  
CGGACCCCCAAGCGCGACCGCCTGCGCAAATCAAAAGACAAGCCATAAGAGCA  
GAECTACATCCACTGCTCCGGAGCTCTATGGCGATCTATCACTCCGTGTCAAAACGT  
TTAGCCCGCTCGTGGCGATTCTGCTGTCGCCGCTGCCCTATCGAGGTGGGCTGC  
TGCTCATGGATCACCTCACGGGCCAGCGCCACGACTACCGCCGTCGCGGTGGTGTG  
TAGAAACCATGTGCTTGGTCCCTGAGAACGCACCTCCTGGGCCCTCGTCCCCAGCG  
AGCTCTGGCCCAGGGCAGAGGCGCAGAGAACCGAAAGAAACTCAACC GTGCCAGA  
GAGTCGAGGTGGCGTTGCCCCACGAACACTCAGTGACGAGCAGCGCTCAGAGCTGGC  
GACGCCATCGCTCAGGGCTGGTGTGCGCTACGGTTTGCTGTGAGTCCAGCAT  
CCATTCCCCGGTTCCCGGGACGGTTGAACCACCGTCCATCTGCTGCCACCAC  
GCGTAGGTTGACCAGCGACGGCTCGCCGATAAGACCAGAGAGTTAGATGGCGGAG  
CTTCCGGAAAAGTTGAAATCGAGTGGTCCGCAAACCATCGGGCCACTATCAAT  
GCGCATCTGGCCGCTGCCGATTGATACGCAAGGTAGACCATCGTGGCTTGAGGTT  
CAAGCCGACGATGCTTGGCTCGCGGAATGGCTGAGGCATGGTCTGTCTCG  
CAGCCCACGAAACACATGGCAAGACATCCACGGCATTGACCCGAAAGGGAGTGT  
GAUTGAGCGTGCCGCCAGAACCGCGCATCGTCAAGAAAACGAAGAGGCCTTCG  
AACGGTTGCTTGCAGCGCAAGCCGAGCAGGAGGGCATGGCAACTCTGGCTCCGCTGG  
CATAGCCACGACCAGGCACAGCGTGATCGTCGACGCAGGGTTGGCTCCACAAAAGA  
CCTTCCGTCCTGTGCCGGGGTTGGAAATCCAAG

>CONTIG\_57\_length\_7270\_cov\_235.172057

CAATCCGCTTGGAACTGCACGGCATTGATACTCATCACGCCACCTCGTGGCTTCA  
GGTGACAGCAGCATCCACCCAGCGCGCGCAGATCCTGCGACAGGGCGCTGATGGT  
CAGGGCTAATCAGGAAAAAAATCCTTAAAAACATCATATTAAACGATACTTATT  
GACAATACCCCTGAAAAAATACCATGCCAAGAAACGCAAATTCACGAGGTGTA  
TGAGCGCGGACTTAACCGTTATCGAATGTATTCCAACGCCATGCGATGCGACAGG  
CGGCATTGAGATCTGGACGAAAAGCTGACCGCCAGACACCTCAGTTGAACAGGCA  
TAGGTTCCAACCTATAATAGATGTCGATTCTATCCACCTACTGCGTCGAGGGAGACA  
TTCGTATCGCTCTGCTCGCAGGCGAAAGCTGTGAGAAGGACAGACAACGAGCA  
GGCGTAACCTGAGCGAGACCTCGGAGCGCTCCAGCAGACGAACAAGCAGCAAT  
CGAAGTCCGTTGCCAGAACCTCAACCAAGAGGTGGAAGGCCTGCGCAGCTGCGGC

AGATCGCCGGCAAGGCCAAGCCGAAATCGCGTTGGCCCTAACATCAAGCAGCCC  
TCGGTCTCCCAGATCGAGAGACAGAACGACATGTACCTCTCGACACTCGCAGCTAT  
GTCGAAGCTGTCGGGGATTGAAATTGACCGTCAAGCTACCGAAGCGGCCGC  
GCTTCGCATCCATCATCTGGGTGACGCTGCTCCGCCATTGCCAAAAACCCCTGC  
GCTCGGAAAAGCAATGCGCCATCGTCAAGGCGGCCATGGATGAATTGAGAGG  
TCGATCTACGTTGACAGGTTCCGTTGGCCTCCATACCCAGAAGGGCACTGCCTTC  
AAGACTGGTTGTCGAGTAGCCGGTACGCCTTGGCCCCGACTTCGAGGAGGTCC  
GGCCTTATGGCCCTATGGAGACCTGAAATGCGACGGACGCCAATCAGCACGGGT  
TCCGTTCCAGTGCTATGCGCCGACTCCATGAAGGAAGCCGAACATCAGCACGGT  
GTCGATGAGGATTCCATGGAGCCGTGCCACTGGCAGGCAACATGCAGGAATG  
GGTCTCGTCCATAATGACGCGCGAGGCCTGCCCTAACGCGGTCCAGCATTGGA  
CGCGTTCGCAAGGCCACGCTTCTCCAGATCGCAGACATGGTCCGAGCCGAGTT  
GCTCACGCTCACTATGGCTTAAACCTCTCGCAGCTCAGGCCCTATTGGTCCCTGC  
CGCATCGATGCCATCGCAGAGCTGGTATGTCCGACCTGATGCCAATCATCGA  
CGCGCTGCAGGCCAGGAGCCAATCCGGCAACCCGCCGCTGACGCCGCCGTAG  
CGGAGAAGCTGGAGAAGAACAAACTGTCGGAAGAGTCCGGTCTCTCCTGCGCATT  
GGCCGCCGCAAGTCCAGCTGGTCGACACCTTTCCGCAAGAGCCGAGACCCGAT  
CTTGGCGAGCGCATTGCCAGGGCGTCCGCTCGTTACCGAAGTCAAAGCGCTT  
GACCTTCCGGCCGACACGATCTCAAGCATCTCAGGACTATGCCGTTAGCGGC  
GAGCCGAAGCGTCAGGGCGGCCCTGGCGTCTGCTTACCGAAGTCCGACAG  
GACATCTCGAAGACCAACCGTCACTGTGGAGGCAGATGATCCTCCGACGAAG  
CATGTCAGACC GGATCGGGCTTGATCGCGCTGCGCTGAGGTGCTGACATCCTC  
AAACGCCGATGACTATGTCGCGCTGTGGGACGAGATCGCGGACGTCGTTCCCTA  
CACGTCTTAATGCGCCGATTGACTATCAGTGGTCGCTTCGCTGGACCTGCTCT  
ACACGATGGCGCGCTCGACTTCGACCGCGGCTGGTGCAGGGATCCAGTCATGA  
TCCGGCGCTTGGTAGTGACCTTACATCCTCAAGACGCTGGCCTTCAGGCCGCC  
TGAACGTCCTACTCGCCGACAAGAGTGAAGGTGCGAACGACCGCCAGTCGCGAAAC  
GGTGCAGGCAAGACCAGCTCATTGAGCTCGCCACTTCTTCGGCGCCGACGCC  
CGCAAGGACAGCATCTCGTCCGACGCAGCTCGCAGTGGACCTTCGACACCACC  
GTCGACATAGGCGCGAGTTGGCTCGGCGCGCGGGCTAAGCCAGCCG  
CATCTTCTCAATGGAGCTGTCGAGAACCTGGCCGATCCCACCCGAACCTGACCAGCG  
CACCGGGCTTCTGGATATCTCAACGAGAACCTGGAAAGGCCAATCTGGCACCTCTG  
GTTCGGACTGCCAATCTCGCAGGTGACGAGGCCGACCGTTCCAGCCTCGTTCCG  
CTCCCTGTTCTTCTTACATCGCGCTGGCAGCTCAGCGGGCTTCCAGCAGCCGAT  
GCAGCATTGAAACAAGCAGCAACCGTGGGACCAAGCAGGTCTCCATCTGCTATCTGCT  
CGGTCTCGACTGGAGCATCCGGCCGCTTCAGGAACATAAGAGCCAGGAGAAGG  
TCGCCAGGAGCTCGCAAGGCCGCGCAGCGGCGACCTGGCCGCTTCCAGCCTCGGCA  
AAGCCGCCGACCTGCGACCCGCTCTCACGATGCCGAGGCTCGGCCGAACGGCTG  
CGGGGTCAACTCGAAACGTTCGAAGTCGCTGAATACAAGGCCTGGAGCGCGA  
AGCCAACGAGATCACACCGCAGGTGACGCCCTCAACGTAGAGAACGTCCTTGACG

GTGACCTTCTTCAGCAATTGCGTGCCTCCCTCACGGAGGAAGATGCGCCTGGTCTTG  
GCGACGTGACTAAGCTTATGCCGAGGCTGGCGTGGTGTGCCGGATATGGTGC  
GGCGCTTCGATGAGGTTAACGCTTCCATCGGTGATCATCGAAAATGCCGAGGCC  
ATTGAATGCCGAGATCGCGCGGCCGAGGCGCGTACCGAGCGTACAGCGC  
GTCGTCGCGCTGACCGGCCGTCGCCAGATAATGAGCGTGTGCGTCCGGCG  
GCGCTCGAGCATTACAGAGCTGCGGAAGAGGCTGGACGCGAGAGCGGAAGT  
CGAGGGACTCCGCCAGCGACTGGAAACCGCTGAGCGCATTGAGAGCACCAAGGCC  
AACTCAACATTGAGCGTGCAGCCTCACAAAGGCCTCGTGACGACATCCATGAG  
CGCGCCGATGTCATCCGTGAAGCCATCCTCACATTGAGGCCTGTCCGAGTCC  
TACGAAAAGGCCGGCAGCCTGACGGTCTCCGAAACCGGAGGCCGGCCCCAGTC  
GGTCCATATCGATGGGCAGCGAAGCAAGGGCATACCAACATGCAGATATTCTG  
TCGATCTCATGTTGACCGAGATCAGCCTGCGGCATGGCCGCGGGCGTTCC  
TCCACGACAGTCACCTGTTGATGGCGTGACGAACGTCAGGTGCCAAAGCCTG  
AGCTCGGTGCCGAGCGGGCGAAGCCGCTGGCTCCAATATATCGTGACGATGA  
TCGGATGTCTGCCCGGGAGGCTTCAGCGAGGCTTCAGCGACATTGCCAACATCT  
ATGGAGGCCAAGCTCACAGATGCCACCGACACGGGAGGCAGTTCGGCCTCGATT  
CGAGTAGGCTGCTGTATCGATCCACACCGTTCACTAGACCAACGCTCATGCC  
ATCGAACTGCTGGAGCAGCACAGCCAGCGCGTTCAACCAAGTCGTGCTGCC  
CGGTCTGAGGATGAAATAACCTCAAGCACCAAGCCTAGCGTAGCCAAGAAATG  
ATCTGCTCGGCCGCATTGTCGTGCAACCGCCGAGGACGTCCTCAGACTGTAGATG  
GCAGAATGAGCCTAGGCGAAGCCGTATCCGCAAGCCGCCAGTGGCGAACAG  
GATGCACCCCCCCCCCTGCAAACAGCCTCGCGAGGCCCTTCCCGATGGATAC  
GTGCTCGTCTGGATGACCACGGCGAACCCCTTATCGCGCCGCTGCC  
GAGGTTCAACTCCCTGAAGCCGACGACGAGGTGCATCGTCTCTAAAGTC  
GGCCTGGC  
TTCGCTACCCCGCTGGCCATCTGACCAAGCCGAGGCTCACACGCC  
TGGCGGCCCTGCAAACAGTCAGCTCAGGACCTCTCGAAAGTCTGTTGAC  
GACATTGCC  
GCCCAATATCGCCGGAGGAGGCCACCCACGCCAACGCTCGAGAACC  
GGCG  
AGCACTACTGGCCGAAATCGGATTCTTGCCTGCCGACCGCAACGAGTGG  
ACGCAAGACGGAAAGAAACTACATCAACGGTCTCTCAAGATGCT  
CCACACCGAACGGCTCC  
CCTGGTCTGTCCGACGAGGATCACAGCACCTCCGGCTGCATGTC  
GTGCTCGTCAG  
GCCAGGACTTCCCTGCGCCGCTGTCAAACGGTGGT  
GAGAGGCCATGGCGTTCTT  
TCGCAAGATCAATTGGAAGCGATCGCTGGCGACTCGG  
GACCGGGCCAGAGAGATCGTACACCTGCTGGCG  
ATATGACGAAGCGCATCCGATCTATAACGCC  
TCCGGAATGCCAGAACACCG  
CGAAACCGCACCAACATCCTCGAGTT  
CATACGACAAGCC  
ATGACGACGCGCTTA  
CAGCCCGAGCCGACCG  
CATTGCAAGGACTTGTGGT  
GAGTCTGGCGACTGG  
GAGACTTGC  
GAGCAGACCTGAAGGT  
CGCGCGTGCAC  
TACTTCACGCAGTGCAAGAACGGT  
AAAGCGTAGCC  
GACAAGATGCGCACCCG

TACCGGCCTGACCGATGACGGAACTACGCTCGACCGTGTACTCTCTGGCCATCC  
GCCTCTTCTGGCGGTGAATTCCCTATCGACGGCCAGCGAACGCAGCGAGCAAAGCG  
GCTTCGCCAATCTGGTCCCGGGCACGTTGGCATGTTCCGCAATCCGACCGCCCCATG  
AGGCCCGAATAACATTGGCAATGTCCAAGGAAGACGCAGAAGATTGTTGTCGATC  
GTTTCGTTGATCCATCGGCGCCTTGACGCCGCCACATGCCTCACGCGCATGATGA  
GCAAAGATTGGAAGCTGTATGGAAGAGGACCTAGAACCCGATCACATTGGCGCA  
TTGGCGAGCGTCAATTGAAATGCTCTGCGAACCGCCTGGCCTCATTTGCAACAAGA  
GCACTGTCGATGTCATGGCTGGGACTTCATCGTCGAGTTCCAATGACGTCGGCCG  
GACTGCCATCGCTGCCCTCGATCAACGCCCATCAATGCTGGCCGGGTTAGCTAA  
AATCAACGCTCGGTGCGCTAGAAAACCGAATTGCCCTCAGCCTGTCGGCCATCGAGC  
GCCTGGCCAAGGATTCTCACCCAGCTCTCATCATCGTGTTCGAATGCGCGCGATG  
GGGAACCTCAATCCGCGTATCTCGTCCACCTTATCGGAATGAACACTCGCGCGGGTTC  
TCAAACGGTTGAGGAAGGCAGACGCCCGCAAGGCGCACGACATCAATCACACCGAT  
ATCAGCTACGATTACGAAAAAGTCGGGTTGCGCTTGAACCGACAGCAGCCGGCCT  
GTTGGCGGCCTTAAGTGCCGCATGCGGCAAAATCCTGGCGCTTACACAATCGAGA  
AGCAGCGGCAGCTCGAACCTGGCTATGAGAACGGCCAATTGAGGCTGAGGCA  
CTCATCCAGATCGACGGTCCCAGCATTCAATAATCTCTGCTCGGCCTACGCC  
CTTAAGCCGAACGGCTCGCGTGGACAGTCGGTCCGCATACGCCCTCCATAC  
AAAGGCACGCTTCGACGACATCGAACAGAGTTGCATCTGCCCTCCGACTCTGGGA  
CGTTGCGAAATATCGATCCGGGGCGCAGCTCGGGCAAGCGTCACGTTGATGCT  
GAAATGTTATTGGGCCCTTGGGGCACTGGATGGACCAGAGCTCTCATCCGC  
TCCTCTAACTTCATCGTCCGCTTGACACCAAGAGGTCTAAAGTTGAAAGCGTCGGT  
TCAATCGATGATATGGAGCGTAGCCTGAAGAGTGGCAGAGTTGCTTCGCGCGCTC  
ACGCTTATGTCCACGGGGCGAGCGACTCTAACAAATCAGTGGAAACGACCGAATTCC  
ACCAATTACCTCCACGCCGATCAGTCATCACAGGACCGTATCTGAAGAAACTTCC  
CCTCCTCTCCGCTTGCAGACGGGTGGCTACGTCTCTCACGAAAGCCGGCATGCG  
TTCCACCGCCACCTTCCGCTCAATGCTTTGGGAGGCGAATGAAGCACGGATGGC  
GGTGGACATCCTGCTTAACCGCAACCTGAGGCCCCTTGAAATTGAATCTATAGA  
AATTGGAGAGGTCTTCCCTCCCTGCAAGGGTTATATTAAACATCGCGTCATTGTA  
GATACCAGTATCGCTTCAGCGCGAACGATTTCTAGTAAAGACTGAAGACCCGGAC  
TGGCAGTATCGGTCAACCGCTTCAGGCCCCTGGATGTTGCCCCGGAGGTCAATGAC  
CTAGAAGAATATGGTATTGACCAAGCAAACGCCCTGGGCTCAAATTGGTCATCAA  
CCCGAAAAACATCACACGGTATCCCCTGCGGAACGCAAGCAGACGGTCCGTCCT  
GAAGGTTCAAGCGCGCGAGTTCTATAGACGCACTCGCGTAGCCAATGCGATGAT  
TAAGAGCGGCCAACAAAACCCAGGGATTCAACTCCGATTGCAACGCTGTTGAG  
GACCTCCTCGGAGAAGACTTCAGGGGGCTTAAATCCGAGTATCTTGCAGGCGACG  
ATTGTAGAGTCGCTGTTGATCCATCGCAGGTGCGCATCGGTGATGGTGTGAAATC  
GATGTGTCGTGGCAAGTACTGGCGCGTCAATCCGTTGGCATTTCGTTGCTGCCTCG  
CTGCCATGCGCAGTACGGATCTGC

>CONTIG\_58\_length\_7252\_cov\_13.926316

CGATTGGCATCACGGACCAGCCGACGTCAAGGCATGCTACCGGAACCACCTGG  
CCGCAGCCGAGCAATTGCGATCTGAGCTGATTGCCCTAACGCAAGCCAAAGGTCA  
AGTGAACACTGGGCTGCCGCTAGTTGGCGTATGGCGATTGCGCAACTGTTGGGA  
TCCTCTTGAAGCGGCAGAAGACCTCCTACGTCTCCGCCCTTGCTGGCTGTTGC  
TAGCTTCTTAATCGTCTGGCCTGGCGCAAACCTCGGGGACTCAGGTCGAGGC  
CACGCACGGCAAGAAAAGCGTCGCTACCAAGCGTCGCCAACTCTGTGCTTCG  
CTGTTAAGGCGCTGATCACCTCATCGAAACAGACTTCTCGCCGGTACCGGATCA  
TCCCAAGTCTTATTCCCCCTCACGAGATCACAGCGCACCCACCGGCCGCTGCTCG  
GGCAGGAGATATTCTCCATAAGCTGCTCGGAAGCGCCTCTGGAAAGAAGCAATT  
GAGTATCTGTTCTGCCGACTTTAGTTGATAACGGCTGGATTGACGGGTCGGAT  
TTGACACCAGCCGGATGTCGGTTCCCTCTCATCACCTGTACCCCCCTTGTGCAA  
CGATGTAGCTATCACGAGCGAGGCGCTCAAATTCTGCCGATAGCGCCCGCCTCAGC  
AGTCGCTCCTCTTGAAGCCCACCCACGCCCTCACGGGGCGAGACGTCTGCCGAAG  
ATAATCTCGATCTCATCAAGGCGACCGCCAGCACATGGCCATCTGCCAGCGCGT  
TCTGGGGATATCTGAAGTTTCTCGAGTTCTGACCTCGCGCTCAGTTAGCACC  
TCTCGTCGAGTTCTCGCAAGTTTCTCGGCGATCGCAATGATCCGGTCTCGAT  
AGCGAGAGACCTCAGGATCACAGATAAGCTGATCTAGCTCGGAAGCGTCCTCT  
CCCTCATCTCATTAGGGCGTTGAATAAGCTGATCGCATATTCCCGCTTCTCGC  
GGTACCGACCGACCGGACGCCCTCGGCTGGTCGTCCTCGCTGCGCACATGGC  
GGTGTGTTAACCGTAGCAGCCTAACCGATGAGATCGGCCCTCCGCTATTGAGCTGA  
GACCAAGGCTTGCCTGGTCCGAAGAGCGCCCCAACGCAATTGACTACTTCGAGT  
GCCTGGCGGGAGTGATTGATCGGAGAGCCGCTCCAATGTGTCACGAACGCATCG  
GCATCCAAGCGACCCAAGATTGCAACCAAAGGTGACGTTCTGGATTGGCCT  
GCCAGTCGTCGCAAGCAATCGCTCGTCCCAGAAGAAGCGCGGTGTCCTCTGGCACCC  
ATGCACGAGCAGGAAGTCAGCAGCATTTCCATGTTGCGCCGCTGGACATCAGTTAG  
ACGCGTCTTACAGCGGCCCTGTGCGCCCAAGCTCGAACCCGGGGCAATAGGAGAT  
GCGCCACTGGCTCGGTGCTGCCCTATGTATTGCAAGGAGCATGCCGTGCGGGTCAG  
CCCCCTCCCAAGGTCTCTGACAGCTACGTCCGATTACAGAGTCTACGGCGGGCG  
GATGCCGGGTCGCGAGCTGCTCAAGCCAGGGCGGGAGCCGATTGAGTTCCAAGAGC  
GCGTATCGGCAGGCTAACCTAACCTCCCCAGCGCTTAGCCTGGCCGCCAGGCAGG  
ATCTTCCGCCTCGGCATAGATAACCGCCAGCCCCATCTCCAAATAACCAGTGTGGT  
GTTCTTTTCTCATCGCGCTCAGAGCGAAGCGTAGGTCTCTCACGGCGCCAAGC  
CGCAGCAAACACCTCTGGAAGCGGTCTGCGAGATCCTGCTCAGCATCCTCTCGAT  
GAAACCGCGATTCCATCCAGCCTGCGAGTGCCTGCAGCGCTCGTTCTCATGACTTT  
CCAGAAATCCATAACGTGCCCTCAACGCGAGCATCCAAAAAGCCACGTCAGGGC  
TGCCGCACAGTTCACGATGGAATTGTCGCAACTCGCGGTGCTCTCGCGTCTTCC  
GGCGATTAATTCCATCCGCTCAGCGTTCTCTCCCAACTCAGCGCTCGTTCTCATG  
GGCAAGATA CGCAATT CGGAAGGCTCAACCC TTGGCTCCAAGTTGCGCGCCGG  
CAGCGTTGCGCTTAGTTGAGCAATCCACCTGTCAGGATCGGACTGTGCGCGTCC  
ACTCGATTGCAACTTCAAAGCGAATGCACGCTGCCAGACCTCTTTGAGGATCCG

CAATGCCGCCAACACCCACGGCTCGTCGTGCTGAAAACGGGTTGGTAGCCACCC  
GCCATTGCAAGTGTAGCCGAGACTGTGTGCTCGCTCATTTTGGGTGGTATT  
ACGCGCGATGGCATCTTGTGCCAGAAAACGCCAGAGCGAACCGAGTCGGCGACT  
CACTCAGAACGGCTCGCAGGCCCTGACATGCCCTAGTTCATAGTCATGACCG  
TAAGCAAGAGCGATAGCGCAATGCCCTTACCAATACCGCATCGCACCGATGATCA  
CTTAGGCCTCGCAAGCAGACTGCCAACAGCGCGGAACCAGATCCTGGCGTTGA  
TTGCAACCGATAGAGGGACCTATCCCAGGTAGTCAGTCCCATTGACCAGAGCAGATA  
TCTGCTTCTGCATCAATAGAAGCTTATCGGCATCGAAGGGAGAGCGCTCCACGACAT  
TGGTGAAGTAAGTGATTGGTCCCAGTAGGTTCTGCTTTCAGGCCTGCCTGCGA  
AGATCTTCATCAGTTGCTCGGGAGACATTGACTCGAAAGAACACTCAATCACGGCGC  
GCTGGACAAGAAGGGTGGACAATCAGGCACACCGGAAGCGATCTCATCGAGGAGT  
GCTGGCAGTCGAGAATCATCGAGCCGCGATAGCGCTGCCAGGGCGCTGATACGACT  
TCCAATCTCGGCTAGCGCATCCACCGCAACTTCATGGGCCAGATCGCATTCCCTT  
CATTGTCCCCAGCCGATCAGCCCTAGCAAGGTGTCTCGAACTTCTGGGTTTCAAT  
ACCAACCTCCAGAGGCACGCCACATCTCGGGTCAAATCTTCGACGCAAACGTT  
GACTTGGAGGCTAGGCACGGCCTGGCCTGCCACCCGCCCTTCAAAGCGGGCGA  
CATAGCCTCAAGTGCCCGCGGAAGGGCACATCGAGCGACTCAGGGTCTCCT  
GCGTGGAGAAGCAGTTGGGTTCTCGTGCCTGATGACTTCTCCACGTATGAAGGCGTCA  
TGCAGGAGCTAGCCACGCCACAAAGGCCGATTGCTGGCTTACGATCGCTCACCC  
TCCTCGCTGTCTCGGAAGAGCAGCCGCGCAACTCGCATTGGAAGGCCCTTTCT  
CTAAGTTGGGAAGTCGCTCTCGGGCAAGAATTGATGGCAGATCGGTGGTAGAA  
GCGCACACGGCGTAATTGGCAACCCAAAAGCCCACGTTCGAGCAGGGTATCAA  
GCTGATCGCCCGTCCAGTCGGGAGCATTGCCGGGACCAAGCGCGCCGTCTCCC  
GAGGCGCGGTCTCCCCCTGCCATGCCAGATGTTGAACCTTCGACCTAACAGAGCA  
GCGAACGCAAGCCTTGCAAGCGCCCTCGCGTGCCTGATGGCTCCAGTGAGACACG  
CTCATCGCGGTCTTGTTCGGCGCAACCTGATCTCAATTGCCGTATCCACCTGTTCG  
CGGTGCGAGCGGATGTTAGCCGTTCTTCCAGTCACCAACACAAGGAAGTCC  
AGCGGCCTGCGCGCGAACGTCGTGCGTTGCGAAGTGAATTGCCCTAAATAACCTG  
TCTAGATCCGTGACACCAGCGGTCTCGCCATTCCCGCATTGCTTCACGGAGC  
GGCGCGAGAGCGACATTCTCACGTCGGGCCATTGCTTCTGGCTTCTGGCTTCT  
TCTCGCGCATCGAACACTCGCGAACCGGACCTCTGGATCCATTGCTTCACGGAGC  
CCGGGACCGGGAGATGCTGGCAATGACCTCGCGATCCACCGGAATAGGCCGGGTG  
GTAATCACGATCGTACTCGTCCAGATGCCCGCAAGTGATCTAGCGACGGACTTG  
ATTGCGCGATCAAAGCTTGAAGCGTCAGCTCAACTCATCGATCGAGTCAAGAAA  
GAAGATCGCGTGTCTGCTGGGCCACTTCAACTATCGAACCGAGCTGCTCCTC  
TGGGGAGAAGCCATCTCGATTGAACCGCAAGCAAGCGGGACAACCTCACAAAGA  
AGCGGCCTGCTCCCTCGTCCACAGAGACTCTGCCGTTCTGCACTCAAACGTCTT  
GCCCATTCGGCTCGGACACGATCAACACCCGATGGATTCCAACAGAGTTGCCA  
ATCGATCTGGCGCCGCTGGAAAATTGCCAGGAATTGGCAGCTCCATGCTGTC  
AAACTATCGTCCGGTAGATCGAAGAATGAGCGAGCGACGGATGTGTCGGCAATTG

CCATGTGGTTAAGGGTCTTCGTTGCTTCATCTCGAGCGCCGGCCGGCGAGT  
CAGCTAACGCCGATGGTCTGGCCTGAGCTAACAGATAAGACTGGCGCTGAGAAG  
GCCATCGGCCAACATCATGCTTAAGGCAGCAAGTGGGGGTGAACGACTACATCGTCT  
TGGTCGCTGACTTGAAGAACTCGTGGCTCAGACGGTGTCAACATCCCCGATCGC  
TAGAGCGTGTATGAACATTGAAAGAGCGTAGCTGCATTCCAAGCCTCGCAGCTCA  
CTGGCTGAGGGAAACAATGCAGTGGGCCAGGCTGGTAGGTGGTGGCACACAT  
GGGCTTGCACTCCGGCCTCCGGCTCTGACCCCAAGTGGTGGAAAGAGCGCCGCCT  
ATTATTATGTTATAATATAATTAAATTGCTTTATTGCCTGACTTGTCTTCAGCTTC  
AAGACTCATTGGCACTTAGGTGCTGACAGCGACCATTGCTGACAGACGCTTAGC  
CACGCCTACTTCTCGATCCTAGATGAGTGCAGCTAACGATCGCCTCAGGAAAGCAT  
CGCAGAAGGATGATGCGATCAAGATTGAAACTCAAAGGTCGCCTGATTCAAGC  
GATCAATAGCCTATTGACGCTTGTGGCTGTTGGAAATGCTGGACTAGGCGCTC  
ACAATCAGACCAGACGAGCTGCTAAATTGCTAACGCTAACGATCGCCTCAGGAAAGCAT  
AAGAAGGATCCGATTCAATGCCGGCTAACGGAAAGAGACAGCGCCACACTGTCGTAT  
GAGAAGCGGTTCATCCTATTCTGGACTTCCTGGCTCAAGCAAATCATCAAGGAG  
ACGACCGCTGATCCGAAGCGCATCAGCGCAGTCATGACGCCATCGACATCATTAA  
TGAAATGGCGGGAAAGAGCGGTCTGCACAAGTCCAAGATGCTCACTCAGTTCTCCG  
ACTCAATCGTACCGTATCGCTGCGACGAACCGTCTGCTGCGTTGACCTTG  
GCGAGATCGGTTTGCCTCGTGGACTGAGACTGATCGAGCGGGCTTCCCTGGTGGCG  
CTGTCGCCATAGGCACCTCATCCATACGGAAAAACCTACTCGGCCGGCATGG  
TTGAGGCATACGAGCTGGAATCAAAGCACGCCATTTCCGAGAGTCCTCGTCAGTC  
AGGGACTGCTTGTGCGCCAGAGACCGCCCGCTCGCATCACGATGGCGAGGAA  
GAAGCCAACATATTCCAGCTATATGAAAAAAAGATGCAAGATGGCGCTACTACATT  
GACTACCTGAGTTGGAACGCCGCTGTTGACACCACGCGGAAAGGATCACCTGTT  
CCGGAATACCTAGAAGAGTGGCAAACCTCTCGAAGTTGGTTGAAATGTGAGAA  
CGAAGGCGTAAGAACAAACTGGATCTACGAACAATACCTGATCAGGTAA  
AAAATATCGAAATTACCGATGATCACAAATGGTTATCAGTAATCCGGACCTTC  
ATCACGACATCAAGAACGCTCCGCTGAGCTTAGTTGATTGGCTCTCGCGCTTG  
GGCGTGCACGCCAGCCTCTTACGGAAAGGAAGGAGAGTTGGAGAACG  
ATCAGCCATTGGATCATGGACACTAACGCAAGCGCTTAGCCACAGCGAGATAAGAA  
GATGGCTGATCGACTCTCCTTTGCCAACGCAAGCGCAGACCGAAAGCAGGCATC  
GTCTCATCTAACGCGCTAGTCCTTGCCTCAACCCCTAACCGCCCCGGGAAT  
CGCGGAGGCTGTTGATCTAACGCTAGGCCAGCGCTACCGCAATTGCAAGGGACTGAACAAAC  
TAGCAAAGCGAGGTGGAGCGTCTTGCCTGCGTGGCCACCCCAAATTGAAAGGTG  
ATCAAGTCGTTCAAGCTTACCGAGACGGCGGCTGTATCCCTGGAAATTGCGCATC  
ATTTTCGCCTCACCATCGCTGTGACTGAGCCACTGTGTTCAGCGGGACTCAGCC  
CTTAGAACCTCAAGCTCCAGTTCGCCATCGCCTGCCCCTGCATAGCGAACGCTCG  
CGAACACCTAGCTGCCCTCCCCAGCTCACAGGCCAAGTCCGCTGCTGCCAAGG  
TCCCCCATCACCTGCTCCAGAACGCCAGCAGCACGACAAAGCCTAGACGCC  
GATGACTGAGCGCGCGCTGAGCCCGAGGGAGCGATATTGGAAACGACCGGTTGTG

GCGTAGGTCTGGATCCAGAATT CGGCCAAGGCTCAAGTGGCATCTGGATCAATC  
CGTCGATCTT GCGAGCACCCGGATAGCGCCCCGACTGCATGCCTCGCGCACCGTT  
GCACGACCCCTCTCGTCTTGGCCACGAAGCACATGCACGACCTCTCGGGCCGAA  
GTGCATATCGCTCGGATACAACACTCTAAGCGTTGAAGCGCGCTGCAGACATGT  
GCGATGGGCCATCCCTAGACTCACTACAACACTGTCTTATAGCGCAGCCTAGGCACCT  
TGGAGCCGTGGCAATGCTGTGGCAACAAGCGCTGTTAGAAGCTGCTTAGGTTGT  
CTAGACCTCGCTCGGCCATTGAGTGGTCAGCGTAGGCCTATGAAACAGTAGGT  
TAGACAAGATAGCGGTGACCCCTCAATTCCCCTTCCTTAGG

>CONTIG\_59\_length\_7156\_cov\_73.058757

TAGCGCAACAGCGCCAAGCGGTGAAGGCCAAGGAAACGCAGCGTCGCGAACAGAGAC  
CAAGCGCGCACCGAGTAGCAGAACTCGTGTCCCTGCAGGAGCAGAACATCGCTGG  
AGGATGCCGAGTTGGTGGTGCCTTTGCTCACGTAGGAAATCGGAGCGACCG  
GTAATCCGTAACCAAGCGCGCTCCCTCGCGCGTTGCGAATGAAATCTGAACGCT  
GAAGAAGGTACAGCACCGATTGAGCCTGCTCGCCGCCCTGCCATCGCGCGCA  
AAGAGTTGCAGTCGACCGATGGTCGTTACAACGTGTTGCCAGTGGGGCATCCC  
CCCGGTGTTGTGCCCGCATAGCCTCTAGGCTCCGGCCGGAGCCCTATGAGAAC  
AAGCGCCTCAAATCTTCGATCCGTGCCCTTACGCCAGTCGGCTGCTGTTCT  
ATTACGGCCTCCAGATGTGGCTCGCCTCGCCTAACGAGCTGGGCTACGCCCGTT  
CGGCACGTCCAATCTCCTCGGGTAGGAAATTGGACTCCAAACTAGATCGCTACTCA  
GAATTGGGTGGACGTCGATAGACGCGCCTCCGCTGGCGAGGTCCCAGAACATCG  
CCCGAGCCTCTCACCAGCAATGGAACGAGATAACATGCTCGGAGGGCGGGCTATCC  
CCAGGCTGCTCACTTCAGGGGGCAGCGGAGGAATTGATCGCTGATGCCCTAAGTTC  
ACGAGTGGGGATGAAACTCCGATTCCGGCGAAAAAGCTACATCCATCCGCGACCC  
GTGTCTGGCCACCAACCCGCCACTGTCCTGTCTCCGAACGCTTGATGGAGGTCTC  
CATGGATGCGGCCACGCCCTAACAGCACTGCGCAGCCACAGCCTGTATGAAAG  
ATCGAGTTGCTAATGACATCGTACCTAACATCGAACGCAGCCGCCAGCGTATGT  
GCCCGACCTTGGCATCGCACTCTCCCTAACCGCATTAAAGACCCAACATCACATCC  
GGATACGCCATAGTCGACGAAGATTGACAGCTGGCACCTGATTATCGGTCTTGG  
CGGGCAGATTGAGTGGCGTACTGTGGCGGTGGACCCAGCACGATCAAACGCAATGC  
CCCACGCCAAAATTAAACCATTACAATTGCGAACCCACATGACTGCGCGTAAT  
ATTCACTGGTGTAAATGATATGGACATCCCTAAAGTAAGCGCTGCAAGAGTTCT  
TTCCCGTTGGCTTCCGCTCGCCTGTTAACAGTCATGCCAGGCAGTACTGGTC  
GCCAGATCCTAAATGATGTGGAAAACGAATTACGTCCATACCCATACCCGAG  
CGCGTGGCATGAAGACAATCGGATGTATCCACCGCAGCCGGACAACGACGAGATG  
AGGGAGAAGGGCTGACACGCTATCGCAGCAAGGGCACAACACGCTGATTCA  
AGCGGTGCGATCCGATTAGATACCATAGGTGGCATATGTCTACTCAACAAAGCAGCT  
CAAAACGGGCATTTCATCTAGCGGGCTCGAACCTCCAGCGCCTATGGCGGAAC  
GTGAGTGGACTTCAGCTT GCGCTCCTCAAGCCATCATTAAAGTCGACCGTCCCCGA  
GACCCAGACGGCGAATGGTTGTGACTTGGAAAGACGGCGATTCCAGGGCCCCGATT

GCTTGGCGAACCAAGCTCGTTGGCTATTACGTCAACAGAAGGGTTGGCGAC  
CGGCCTAGCGAAATATTCAAGACGGCGAACACCGCGTCATGAGACTGCTGCAGAT  
ACGTCAGGACTGGGAGAAGTCTCACTCCATCCAGCCTGTGACGCTCGTCAGCTCG  
ACAACGTACGGCATGCAACAGGCAGACATGCCGAAGCATTGGATCTTAATCAAC  
CAGCAATATCGCGTTGAAAAGAGAGACGACGAAAGATCAGCACGCTTACCTCA  
TATCTAGAAGCGATGGCGGTGCTGGATATTCGGCCATTAAATGAACATTGGC  
ATCTCCGTGGATCTGCACACATAACGCCACCCAGAGATGAGCACGCATGAGCGTT  
TAAGCCTAGTGGTCTTAGAGCAGAGAACCCACGCCAGCTAGCCATTCTACGCAG  
GGCTGGCATGTCATTATTGAGGAACAGCATGGCAACGGCCGGTTCATCATGCCA  
GTCGCGTGGTACAGTGGTCAAATTACCCGGCAGGCGAAAAAGAACAGAGCGA  
ACAACGGGGACACGGATCGGATCCAGGTGCCGTCCATCGAACAGCTATCACCAC  
TTGCTCGGCCGGTCTTAGGTACCCAAAGATGACCGCCTGGGTAGGCCTGCCGT  
TATCCAAGATCCAGAACAGGACACAAGGTGAGCTGAGCTGAGAGGGTATGCAGCG  
AGCCCGCCAGTCAGGCCCTATAAGCCACTCTGCACAGCTGAGAGGGTATGCAGCG  
CGGCTTCCCTAAAGGGTGTACGTGGACCTTGCTCCTGCTGCGCTGTCTGCTGA  
GTCTGTTCCAGCGCCCGTGTACGCACCTGATCTGCTTGATGACCTCCGCCGTGCA  
GATTCTGCTGGCGGGCTGCTGGAGGCCTCGCGCCCGTCCACGTGAGCATGGAAG  
AACGGCCCCCTGTCCCCGAAGGGCGCATAGACCGGAAGACGTTATGCAGGCCATT  
GTCTCCCAGGCCTCCGGTACCCGGTCAACCGTTGCAACAGCGAACAGCGATCTCGGTTG  
CTGCTTGTAGAGCGACGCCGATACGTTGGCCTCTCGTGTCCAGTTGCCGT  
GCCCGAACCCAGGAATGAATCTGATGGTAGGTGGAGTGGTCCGGTGCAGGGT  
TGTCGGCCAGCATGGCTCGTGGCGCGACGGCTGGGTCATGTCTGGTTGGC  
CGCGCCGCCCTTCCGATCTGCCGACCTCCGTGGACGTAGCTGCCGTGGAGG  
TGTCGGTGAATCCGAATGCTTCCCTGCCCTCCAGTCCAATGCCGCCGTGGA  
TCTCTCCACCGAACTACCAAGCTCCTTAGGTTGAGGCCAAGGCTAGGAATCGACT  
GGCTGGAGGCAGTATCTAAGTCACGGGATACGGCGCCCGCAGACACAACGTA  
GACAAGTAAAAGCGTTGAGTCGGACTGCCCTAACGCGCCCAAGCCTTGCCGGA  
CTGATCGAACTGACAAATGCCACGGCTTTACCGCAGGGCTGCGATGCCGTGTC  
GGTGTGCTGGATGCCCTGGACATCCATCTGGATGCCGTGGAGGCCAGCCGCCATT  
GACGCAGGGGGTGGTGGCAAGGCATAAGCAGTTCTGCTGCGTACGTTGC  
TGTCTGGTGTGCTGACCCGACTGCCACCGAATTCTGATACCATTCCGGCAGCG  
CTTCGTTCTGCCCTGGAACCGTTGATGAGTCCTTGCAACGGAGTGTGACGCC  
TCGCATGCCGTAGCGTGCACCGCTTGGAGCGGCCATCAGAGCATGTCCTGCG  
TGTAGGTGCTGAGGTGCTGGAGCGGCCATCAGAGCATGTCCTGCG  
GGACTCCGGTGAGCTGATCTATCCGCTCTGACCGGGTGGCGCTGCAACACGTC  
CGTTGACGCTGATCGTCTTCCGATGGTTAGTGCCTTGCACCTTCATTGGCGTGT  
AGCGAACCTGATGTGCTCAAGGTCGCCGTTGCGATGGCTTGGCATCACCTAAC  
CAGGTAAGGAGAGGACTCCACCGCTCGCGAGGTGCTGGCTGCACCTGGGACA  
GAGACGACTGTTGTCGGTCTCGGAGCATGCGATCAATGCGAGGGTCAAGCATCG  
CTGCGCTCCATCTAAAGACAAACGACCGTCACGCAGGTCGGCGCGTCCCTTGTCT

GGGGTAACCGCAATGTAGAGCCCCAGCGACGGGCTGACGATCTTGTGGAAGGTGAT  
TCGCTGGTCGTCGCCAACGTGGGCACATACACCTGAAACCCTCGACTCCATCTG  
TTCTTCAGCGCCTCATAGGCTAGGCAGGCCTCCGGGTGAGTGTCACTTCCACCCG  
GTGCCCTAGGAGCTTGGCGACCCCTTCCACACGGCCCACCGTAAGTGCCCTGCC  
CACCTACCCGCCACCCCTTGCGCTCATGCTTGCCTCAGGAGGGAGTGCATGCC  
CAACACGTGCTCACATTGGCGGGTCGGAGTCTGCTTGAGTGTGAAAGGACTGGG  
CGAGCGCTCTGATCTGCTTCAGAAGCTGTTCCGGGTGCTCTGCCCTGGTTGTA  
ACGCGGGATAGCCGTCCCAGGTATCATTGGCGCCGAAGACTCAGGGGCCCGGCA  
TCGACAAGTGCCCGACGCCGCTGCTCGCAGGAAACGTCAGCCGAGGTGCGTTC  
CTTCATGGTTTCTCTGATGGGCTTTGATGGCTCGCGCATGCCCAACTCCTAAC  
AGCAGTGTGCCTGTTGAAAGGGCTTGCGATGCGCCTCCTGACTAAGAATATCC  
ATGGCCCACACTCACGTTGGGAGGTAGACAGCTTACCGCCAGCGCCTAGCTCAG  
GCCAAGCAGGTAGGCAGAGGGCTATGCCACCCCTGGACGCAAGCTGGTGTGC  
TGCCGAGCACCAATGGTCGAAAACCTCGGATGTCGAGGAGCGCCGCGCTGCTGCA  
GACGCTCGGCTCCGGATTCCGAAGGGTGGTAGCCCCCTAGGAGCTACAAGCCTCT  
TGCTCCGATTTGGAATGTCAGCATTCCATCCACTCTAGCCAACCAGAAAAGCGCTC  
AAAGTGTTCATTGTCTAGCTGTTCTCGAATTACGCGCCCTCGCTAACCGACAAAA  
AATCGGTGAGCAAGCAGAGGCTGGAGAGCTTGGCAGCTCCACACGCTTGGAAATT  
TGTGACCCCAGTGCCAGCTTATGCCAGAGGCAACTACTTCTGCAAAATCCTTG  
GGAGAAAGCATCTCAATCCGGCACATCCTTGAATAGGAGAATCCGCTTGTGAA  
ATCGTCCGCATTAGCTGCCACTTATCGCGCATCGCGAGCCACCCCTTACCTTA  
TCGTCTCGTCAAGAGCCGCTTAAAATCTAATGCCAGCTGTAAGCAAGTCAGCC  
ACTACTTACGTTGTCGGCTCATTACACGCCACCAGCGACAACCTCCGGCTTTC  
CTGTCAAAATTACAAGCGCTAAAAATAGAAATAGGCACTATTCTCTAGAAGA  
ATGTTCTTCCGCTGAATCAGCTGTTGCGTAGAGAGGTGTTCCCATTACGCCA  
AAACCGGTGCCAAAGTCAGCTGAGGACGCGAGCTAGGCCAATCCAGTCCTGACG  
ATTGTATTACTGTCTTCATCGTCCACATCACGTTCAACGCCAGTATTCTATCGATAC  
GCTTATGATCAATGAGGTATGGACTGTGAGTACTGTAAGCAACTGGTATTGAACCAC  
CAAGATTTCGATGAGTCGCAACACATCTCCTGGCAGTTGCATGCAGGTATGCGC  
CAGGCTCGTCAGCAACAAGACGATGGTCACCATCCTCTGCGACGCCAGTCAGA  
TGAAGAAAGAAGGCGACATACCACCGTGTCCCTGCTCCGTTGAGACGGGTGCAA  
CTTCTGCCCTCACCCCTCAGAAATCCAGAAGCGCAAGTAGGCAGCACCAGCACGCA  
CATGAGATGGCGGATGCCAGCGAACACTAACCTCTATCTTATCTTCTCGTTGTC  
CAAGACCTGCCGCCAGTAATCTCGAGACGGCTATTACGAGGCGACGCCGGCTG  
ACAATACGGAAGCTCGTCTCATCTACATCTCTACGAGCAACTCTTCAACGTGATTCC  
AGCGCTGACCAAGAAGTTATCTCGCCCGCATGCTCGCTCCCTGAGCCATTCTT  
ACTGGACTCGTCTATCTACAGTATTGGGAAGATAGGAATTCTCCTCCCTAAACAG  
CACAAACAGCGGCAGCTTGCCTAAAGGGTCTGCGAAAAGTCGCAACGATAGCTG  
AAACAAACGGCTTCTCAACCTAGCATCGTCTGCAGTAATAGCCGGATTGAGG  
CGATAATCGCAGCCTCGATCAGCTCTGCAGATCCGGTCAGGCCAACACGCGCT

TGAAGTCGTCTGCAGTACCGCGAACGAAACCGCGATATGAAAACAATATCTTCTCGCC  
GGCCTATAAGCTCTTAGCAACTGCGTCTGCATACTCTCAGGCAACTCGGCACACA  
CCTCAGCCAACCTCTCCTCGGTGAGCAGAAGTCGAAGAGCGGCTGCAGAGAGCCCC  
CCGCTCGACGAAAATCATCTGAGCTCACTGTGCCCTTGAGCCAAAAGCTCGTGA  
AGAGCATCTAAGATGGCAGATTTCAGACTCATTCTGGCCTACGAGCGCCGTGACG  
CCATCTGTAGAGAATGGAAGCCAACCTGTAGTAGCTATTGATGAAATTGCTCTACC  
TTAAATGCAATCAACTTCATGATTTCTGGCGTCGCCCTTGGCTTAAGCATAGT  
ACGGCCAATAGCCAGAGGGCTCAATTGTCGCCTGTGCTATGGCCTTGACTAATTG  
GCCCTCAGCGCTATCCTGATCCACCAGCGTCGCTGATGTCGAGCTCATACGACA  
ACAAAGTCGCTCACCAAGGCAGCCGTACGCATCGCTGAGCACATCGCGATGTCGTC  
TTCGCTCCCGCATTGACCGTGGCCTCACCCGGCAACACAGGATGCTTGGCGTCGGT  
ATCCCCACACAATCCCTCGCACGTGAACACACCTCATTCCCTCCCTGGAAGTGCAT  
CTGTCTAGCAAGACAGCTTCAGCAGACTGCACGAGTGAAGGGGGCTATGCCAC  
CCCCTGCCGCCAACGCTGGTGTGCTGACGCCGCCGATGACCAGATGGTCGAGGACT  
CGGATGTCCAGGAGGCCAACGGCTTGCTCCAGGCCTCGTGAATTGCGGTGGCT  
TCGCTGGCTCCGGTTGCCGCTGGTGATTGAAACAGGATGACTGCGGCAGC  
GCTGAGC

>CONTIG\_60\_length\_7113\_cov\_4.635414

CTCAGGTACGCGCGCCTCAACGCAATGCGCGCACGGCCTGTCATCCGCACG  
CCCGATCCGGCCGGCACCGCGCTGGAGCCTGACGGCGGCCACGCGGCCAACGGTGGC  
CAGAACCATCACATCTGACGCCAGAACACCGCGCGGCCACCAAGCCGCTGTGG  
TGGCGCCGCACACCAACTCCGTCGCATGCGCGCTTGCCTGAGCGCTGCACAGAAC  
AAGGCAATCGAAAGCGCACGCATCGCGCAAGAGATAAGCGACTTCCAGGCACGGG  
GCGGCCGCATCGAAAGTGCCTGGCAACACGCCATTGCGCCCTGCCGGATACCGC  
CAATCCATGAGCGGCATCGCCTCCGTCTGATGAAAACCTCTACACAGGAAGTACGC  
ACACATGGCTGACGGCTCGCACTCCTAAATTCCCCGCTCCGCAGCAATTACCTA  
CTCCGAACCGCGCGCCTACGTCGCGCAGCGTCTGCGCAATGCGGCCGGAAAGCTGC  
GCGACCGCGTGGACAAGATATCTGGCCGGACGGGTCAAGTTCGTGAAGCGTC  
AACCGAACCTCAAAGCGAACAGATTCGCTGCTGACCGCGGCCGGCAGATCCTCGAC  
GAACTCGCCGCTGATCGCAGCGTGAGACTCGTAATAGCGTAGAGCTTATTAACCA  
GCTCACCCATCAGGTCGAAGAGCTCGAGAACCAAATCGGCATCTGCTGCCGCATCT  
TGCCACCGAAATGGTCCGACTGCCTGATCTCAGCAGGCTCAAGGCCTGGCGGA  
CTGTTGTAAAAATTCCAAGTTGCAAGAACGGAAAGAACGATCGCAAACGCATCGTC  
GGCGAACCTCGAGCTCGCTGGAGAAAGAGGTACGCATCGAGAGATCGGGAAAGCG  
GCTTATCCATTACAAAGCCATCCAGCTCAGCCGGCGTGGATTAGCCATTGAAAGTG  
GCGTCCAGTTAACAAAGCTTCCCAGCAAGCGCCCTGCGAGCATAGCCAAGCTCTCGC  
GCGAACAGCATGCCAGCCGACAGCTCGCTGACGATCCGACGCCAACCTTCATC  
ACGCTCGCTCCGCTGCTGGATCGCCGAGGCCGCGCTCAGCAGCAGCGGCCCTCC  
GGCCACCTCGACCTGTCGATCAGCGATTACCAAGGCAGGCCACCACGGCCAAGAAAG

TCGATATCGCAGATGCCCATCCCGCTGCTTCTCGACCACATCGTGGGCACAAGCA  
AGCTTGTGGCGAACAGTGCCCCCACACCGAACAGCACAGCGTCCCAGGAAGACAGGT  
CTGAGCAGATAAGCCGCCAGCGACGCCAACTGATTTCATCGACTCCCCCTT  
GCTTATTAAAGCGATTTGCCATGACCAATCTCATCCGAACGACAAGCTCGCCGCGC  
TGGATTGGCGCTGAGCCGCCGCGAAGCAGCCAGCGATGAGCTGATCCGG  
CTCACCCACCTGCCGGCGCTGCAGCAACTGCGGACCATGCGCAGCGGGAGGCTCG  
CGGTGGCTGACGGCTCGCACTCCTCAACTTCCCGCTCCGAGGTCTGTCTGC  
GCCCTGGTGAGATCGTGGTCACCTGTTGCCGGCGGCCAGCGAGGCG  
CTGAAGCAGGCCTGGGCTCGATCCAGCCCTGGCCTACAACCACGACGAGTGGC  
GATCGGCATGCACGCCAACCATCCGCTGACGATCCACCATCGCGAGGATATCT  
GGCACCGGGACCCCGCAAGGACGTCGAGGCCAGTCGGCTGGTCCATGCG  
TCACCGGACTGCACGCACCTCAGCCAGGCCAACGGCGGCCAGCCGCGCAGCCGCAA  
GACGCCGGCGCTCATGGTCGCGCTGAAGTGGATCGTCAGCTGCTACGTGCG  
ACTTGCAGACGGCACGAACACCGCGCCGCGCATTCTGTCGCTGGAGAACGTGTGG  
CAGATCCTGACCTGGGCTCGCTGGTGGCCAAGCGCTGCAAGGCGACCGGCCAGT  
CCTGAAGATGGACGGCACGGTGGCGCGCGCGAGCAGGTGCCGTGGCGAATC  
AGCAGTTGGTGCCGGACAAGCGGCATAGCGGCCGCACCTGGCGCAGTCGTGGCT  
GCGCTGGAGTCGAAGGGCTACCACGTCAGTGGCGCAAGCTGACCGCCAGCGACTT  
CGGCCCGGGCACCGCCGAGCGGTTTCTGCTGGCGGCCGATGGTGAGC  
CGATCGTGTGGCCGGCGACGCACGGCACCGCACCCGGCAGCAGCCGCGCTG  
CGGCCCGGGATTGCCTGGACTTCTCCCTGCCCTGCCGTCCATCTTACCGCAAGC  
GGCCACTCGCTGATGCCACGCTGCCGCATGCCAACGGCGTCATGCCACGTT  
TGCAGTCGGCGATCCTTCATCGTGCCGGTACGCATCAGGGCTGGACCGGGTCA  
ACGACGTGCAGGGCCGCTGCCGACGATCACCGCCGAAACCGCGGCGAGTTGATG  
CTGGTCGCGCCGGAGCTGGCGCCCTTCATCACAGAGCACTGAAACGCCAGCG  
GCGCACCATGCGCGCCGACGAATCGCTGCGAACCATCTGCCCGGGTGAAGGGCG  
GGCACTTCTCGGCCGTGGCGCCGATCCTGGCGCGTGGCGGCCGTGCCGGTCAGT  
CTGAGCCCGCTCCGGTCTGAGCCGCTCTACACGATGACCACCAAGGCAGACACC  
GCGCTGGTGGCCCCCGTCTGGCCAAGTTCCGGCGACAGCTCCGGCCGCCATC  
ATCGAACCCGTGCCGACCATCACCGCCGGCGGTGCCAACGGCCAGCCGGCG  
GGCGCATGCCCTGGCTGGTCGCCACCCCTGGTGCAGACCGGTTACGGCGAGC  
GCGAGGGACAGGCACCGCGCCCTGGATCTGCGGAGCCACTGGCACTGTCGTC  
GCCGGCGCGTAAAGCACGCGGCCGATGCGCTTCTGAGCAGGCAACGGCG  
CTTCTACGAAGGGCGGCCGCGACGCGCAGCGAGCCGATGAGCACCATCACGCCA  
CAGGAAGCCAGCAGCAACTCGCGACCGCGCACGTGGTACGATGCGAACAAACACC  
CACGGGCAGGCAGCAGCACGAGCCGCTGGCACCGTGTGCCAGCACCGTCACCA  
CGGGATGATCGAGTCAGCCTGAGCTCACGCGCCAGCAGCAGGCCGGCGCTGCAGGTAG  
CCGCCTCTGGTAAGTACTACGGCACCGCATCGCGGTGGACCTGCGCAGGCC  
CTGGATACCGCAGCACCGCTGATGCCCTGGCGCTGGTACGGTGGTATCCAAGG  
CACGCCGTACGTGATCGACATCGGCCGATGCTCAAGCCGACGAGCTGTT

CCGGGGCCCAGGGCTTCCCAGCCACTTACCGGATCACGCACACCGCTGACGGCCGCG  
CCATCAGCACCAGGCCGTGCGATGTGGCAACAGTGTAGCCGCCACCG  
CTGGTCGCGCTGGCGAGCGAACCTCGACACGAAGCCGCTGCCATGCAGGTGGC  
CGCATGAGCCAGTCAAAGCTCCAGTCGTTCTCGAGGCCAACGTCAGCACCGCGAT  
CGGCTTGCCATCTCGTGGCGGTACGCCCATCCTGCCGTTGGCTACTC  
GGTCGGCGCCGGCAAGGCCTCGGCATACCGCGCATACACGGTATCTGATCG  
TGC CGGGTACCTGGTCCGCGCGTTAACCGCATGGAGGCACGCCGGTATCC  
ACGTCGGAGACTGTCTCAGCATCCTGCCTACCCCTGGCAGATTCCCTGGTCATGCGA  
TCGTTACCGATCCGCGTACGGCCTGGCCTATGGCAAGCGCTGGACTACGACG  
TGCCCAGCACCCTATGGCCGAGTGCCTGCCGTGCTCAAGCCCCGGTAC  
TGCTGGCCTTGCCGGCACCGCACGCAGCACCGCATGGCGTGCCTACGGTAC  
GCCGGCTTCGAGATCCGCGACATGATGCCCTGGCTACGGTAGCAGGGTCCCCAAG  
TCACTCAATGGCCCTGGGCGGCAGTGCCTGCCTGGCAGGGTAC  
ATGGCGCGCAAGCCGCTGGTGGGACGGTGGCTGCAACCCATGCAGTGGAAC  
CGGCGGCCTGAGCATGCATGCCCGTGCCTGAGAGGATGCAGCGAATA  
CTGGCGCCGGCGCATGCCCGCGTAATGCTGATGAGCAGCGGGCGCCGGCATA  
GTCACCCAGCCGCATGAACCTGGCCGGTGGCCAGCAAACGTATGCACGACGGCAG  
TGAGGAAGTACTCGCAGCATTGCCAGATGCCCGGCAACTGCCAATGCCAGCA  
CCAATAGCGAACAGCGAAAACGCAGAACACTACGGAGCAATGCCCGGTCGC  
GGTGACGAGCCTAGCGCTGACAGCGAGAACGCCGGAGAGGTTGGTTCCGCATGGG  
GCCTGGCATGCGGAGATTGGATTCAAGGGAGCGCCGCGCTTCTTACTGCGCAA  
GGCCAGCAAATTGACCGAGACGAAGGTCTGAAGGATTGCCAAAGTCGCGCG  
GCATGGTGTCCAATACCACTGGACAACACATAACCGAAGAGACGAGGGTTACTTA  
CCAGCAGCGCGCAAGAATAACCAACCGACGGTAAAGCCCACCGACCTGATGCGCTA  
TCTGTGCCGGCTGGTACGCCCGCAGGTGGAGTAGTGCTGGACCCCTCATGGCAG  
CGGCAGCACTGGCAAAGCCGCCGCGCTGGAGGGCTTGGATTGCGATCGAAA  
TGGATCCAGCTTATGCCGCATGCCGAGGGCGCGCATCACTGCTGCCGCGGCCG  
CTGCGCGTGAGGCAGGCCCTCCGACACAGATTGGTTGCCGCTGGAGACGTCGCG  
GACATTGCCACAGTCGCGGTTCTGACCGCCGAAGTGGAGGCCTGCCATGCGATGAG  
CAGCTAACGAGCGGTGGTCCGACTTGGGCGAGATTCCCCATCGAAATAGCCTCGT  
GCGCCTGTTCCACTGCCGCTCGAGGCCCTTCAAGATCGCGTACTTGGCTCGCT  
CCAGTTCCAAGCTCGTCTCCAAGTGGCTGACGCCACCTGTATGCCCTTGACCC  
ACCGCAGCTCGCCGGTAGCGGACATGGTTGAAGACGCCACGGCGCTTAGC  
CAAAGACCGGCATTGATGTCAATCCTATGAGCTGGCCTCGGGACCCAGAGTACA  
CCGCCGCCTCTGCAAGCAACTTACCAACTGCCCTAACCAATGAGCTGGACTATCGAC  
TATTCGAGAAATGGAAACGCGACGACAGCAGGCCACGCCAGGAGCCACCATGAGT  
GATCAATCCGAAGTGTGACGCTCCGAGGCCAGCTGACTACCTGCAGCTGCATCCA  
GTCACGCTCCGAGCATGATGAAGACGCCCTGAGCATCCACCAAGGCCAAAGCTGGG  
CGGGCGTTGGCGGTCCACAAGACGCCGCTAGACGCCCTACCTCTCGGTGAAGCAT  
GGCAAGAAATCCCTACACCGCTCGTAAACGCCAGCAAAACATCCTACATCC

GGTACTCGGATCCAAGCGGAAAGCGCGTATTCGAAGCACTGGGACTGCCGTCCGG  
GCGCTGCCATCGAATGGGCCTCGAAACTCCACCGCGATATCTACCGCACGAGTCG  
CCTAGGCACAAACGAAACGCCGTGGACAGAGGCCGTACCGCGCTGGCTCACCG  
ATAAGCAAAACAAGCGCAGCCTGCCAAGGACATGTACAACCTGATTGGCTTGAT  
CCTTACCTGCGCAGAACAGACGCTGAAGAGATCGATTCTGATCTGATCGCGATGCTA  
CTCGCTGCCGGATGGCAGAGCCCGGGTGAAACCGCAACACGCAAGGACGAGA  
GCACCACCTCACGGCGACCGCGAGAAAGATGCTGGCGCTGATCCGGTCAATTG  
CGGGCGGCACACAGCTGGGATGGCTCGACCGTGTGCCAGCGATCCGCTGGAAAGA  
AAATGGCAAGCCGAAAGAAGATTACCGGTGGCTACCCAACGTGAGGCAGAACGG  
CTGCACGATGAGCTGGCCGATCACCTCGCCCGCTGTATCTGTTCTCGTTGGCCACC  
GGCTGGCGCGAACAGAACGTGCTGCGCCTGGAGTGGAGGCCGTATCGATCTGCCCG  
CCAGGTTGCCTGGATTGCCGGCACGCATGCCAACAGCGAACGCCGATCGGGTCGC  
CACTCAATGAGCAGGCAATGGCGTACTGCAGAGCCAGAAGGGCAAGCACCGCGC  
TGGGTGTTCCCAACGAACATGGCGAGCCGTACGGTCGAGGCAACAACAATGGCTT  
CAAGGCAGCACAGAGCCCGCGCATCGCACCGTTGCATGGCACGACCTGAGGC  
ACACATGGCAAGTTGGCACGTGATGGCCGGCACCTCGCTACGCTCGCTAACGCTT  
CTCGCGGATGGAGGTCTACCAATCAGTCTGCGGTACGCACACCTGCGCCGGAG  
CACCTGCACTGGACGCAGCAAGACTGCCACTCTGCAACTGGTCAAAAATGGA  
TCAAATTCAAACGGGGCGTTAAATCAACAGCAGCGGAAGGGCAAAACGCTTA  
CGCTGCAAGGCTTCAAATGGTGGCCGAGGACGGAATCGAACGCCGACACGGGA  
TTTCAATCCCCCTGCTCTACCAACTGAGCTACTCGGCCACTACCTGCAACCGATGC  
CTGCGTTGCGAGGACGCGCATAGCGAGCAGCGCAGTTGGCAAGCCTGCA  
CGCAACTTGTGCGGGCCGGTAGCCTGCGCGTCCCAGGGTTATTGCCGGTTACGCCG  
CGCGCGGGTGGCATGCCCTAGCCTGCGCGTCCCAGGGAGATTGTCATGCCCT  
GCCCGCCTGCTGCTGCTCGCTTGCTGCCATTGACCGCTATTGCCAACAG  
CCGATACCGCGGGTGCCGAG

>CONTIG\_61\_length\_6982\_cov\_30.783807

GAACCAGCGCGAGCACCGCATGCCAACAGCGCCGCGACCGTTGATGACAGCG  
ATGTTCTGCAGCGCCTGGAGCGGCTCAATCCCAGCTCCGCCCCACTGCATTGCG  
ATCAGACAATTGCAGGCTGCCCTGAAGTCCTCGGAACGAGGTCACTTCTGCG  
AGGTAACTGGCAAAGGTGAGCGCTGCTGAAGGTCTGCCGGCTGAGGTGAAACTG  
CTGGCGGGCTGGCGATCTGCGTGCCTGCTGTGGAATCGTGGCGACTCGCTT  
CATGGCGGGCCTGGGTGGAATAGATGCCGCATGGCGCCGGCTGGCGATG  
AATGAGGTGCCCGTCAAGCGGGGCCAGCTGGCTCGCTCGGCCCTACCGCTC  
GGGGTGTGGTGGAGGGGCCGGTGTGATCTCCGGCATACGGTTGGCACTCATCCC  
GTGCTGCGCGGATTAGCGAAGCGTCCGCCAGTACCATCTACGGCAGCCGCGC  
TTGTTCTGCGGCATTCCGCTGCTGCGCATCGCCTGCGCATTCCCTCCATAGCGGA  
GCCGCCTGGTCTCGATACGCAAGACATGGACGCTCGTTGATCGCAAGCCGCTCCGC  
TATGGATAGAGGCCGGTCTTCCCGCGGTAGCGGCGTTGCATCCGCACCAACTCGT

TCACCCATGAGCTTCGCTGGGCCGGCTTCCGGCTGCATAGGCTTGTGGCCTA  
CCGCTCCTCTCGCGCACATATCGCGGTGCGTGCAGCTCCCTCCTTAACGT  
CTGACCTTCGAGAGTCAATGCGCGGTGCGATCGCGTCCGTGGACACCTGCCACGGAT  
CAGGGTTGGATCAGGCCCGTGGAGAGCGGACGGTCTCGACCTGCGGTAGG  
GCCAGCGCACCGGGTCGGCCTGATCACCTGTTGAAGTGGCCACCCCTGACTCGG  
CCGCCTGCAGCGCGGTAGTCCTCAGCGGTGACGTTGCGTAGTGGTAGAGCGAG  
GTGATCTCGCCCTCCAGTTCTGAAGCGGACGCCAACGCTGACTGGCGCGTCG  
TGGCCGATGGCCCGATCTGGCGGCTTCCACATCGATCAGCGGGATGCAGAGGG  
CGCGTTCATGCCGCCACCTTCTGCCGGCGTCGATCAGGCTCGCGGCTCGGCAGCA  
GCTGCCACGTTGTCCTGCGCATCGAGGGTGTCCCCTCAGTGAGGTCCGCCGTGGC  
GCGGTGCGCTCGGGCGGAGTCAACGTAAACACCACCTGTTCGCGGTCCCATGCCCT  
AGCAAAGGCTGGTAGTCCTCGCTTCGATGGTCGTGTTGACTTGTACCAAGCTCA  
CAGCTCCCGCTTCAATGAAGTCGACCGTTCCAGCACCAACTCGCTGTCAGCGAAG  
AACAGCGGTTCGATGTGTTCGAGCAGCGACGCGATGGTCAGTTGTAGGCCCTGGCC  
TTGATGCCGATCTCTGCCGCTTAGATAGGGCAGCCTAACGCCGTGAGGTATTG  
CCATCAATGGCAAGTGCCTGCTGCACGCCCTGCCCGGCTCTCATAGAACGAGGG  
CGCAGCTCGGATCGATGCTGTCGAGGATCAGCGCGCTCGCGCCAGCTGAAAGT  
GAGAGTTGCAGCGGGACCTTGTCCCTGCCGTGTTCTCCTGCCAGATTCAAGGTG  
CGAGTACTCGGCGTCGTTGGCTTCCAGATGAAACATGGGATACTCGTCGGTGGTC  
CGCGTACCGGCGGGATCAGCGATGCCCGCGCGCTGTTCCGGAAAATCAGG  
GGGTGCTGTCGATAGCTGGCAACGGCTGGCGCGGTGCGCATGTGCTCGGCCGTTG  
CGCCAGCTCTCGGGCAGATGCACTGCTAGGAAAAATGCGATGTCGTGGAGCGCTTG  
GGCGATCAGATCGCGTCGCGGCTAGGACAGGTAGCCAACGCCACCAGCACAA  
CAATCAACACGCACAGCACACAAAGCTGGCTAGCTCGGCCGGTCACAGGAACA  
CCGCCTGAAAAGCAGCGCTGCCCTGCCGATCAACATGAAGAACGGCGAAG  
ATCAGGTCTCGCGCAGCATGAAACGCTGGAAACTCGGGGTCGATTGCTCGTCATG  
TCAGGCTGCCCTCGGACCGTCGAAGTAGCTCGTGCCTCGACTCGTCCGGATCACGCAC  
GTGCTCGATGCCTGCACGCGCAGAGGGCGTACGTTGTCGGATTGAAGGTGCGCA  
CCAGCTCGGCCACGGTACCGCGCCATAGCCACGATCAAGCGCGATGTCGCGCACC  
AGGTGGCGCCCGCGCAGCGGTGGGAAGGGGATGACGGCGCTCATGCCCTGCC  
TCCATCTCGAAGCCATGAGAACGCCAGCTCGGCTTCCCAGCACGCTCGCGCAGCA  
TAGCCGCTTCGAGCTCATGTGCTCGAGTGATGGTGTGACCGACCGATCCGTCGG  
CGCGTAATGGTTCGGCCACCGCAGCGCACACCGGTTGATCGAGTAGCCGAGGTGATC  
CCAGATGCCGTTGGGCCGCACTCGGGATGGTCTCATGCCGCCACCGCACGGC  
ATCACTCGGACCGCGCCGGCTGGCTTCGATACCGTCAGGTAGTGCTGCACCGCC  
TCGATACCGGAGCAGTCACGTCGTCATGCCCGTTGATCAGCTGCGACAGGTA  
GTCGGCGACAGCGTTGCGCAAGATCTGCGCCCTCGTGTGCTGCCCTGGCCAG  
GTGGCCGGCGATCAGGGCCAGCTGCTCGGCGTCAGCTGCCAGCGCCTCACTCAG  
AACGCTGCCATCGCGGTGCAGGGCCAGCGCCAGAACGTCGGCGCGCTCGTGGAC  
GCTCATGCCCTGCTGCAGGTGCGCAGCCGATTGCCGGTGGTACGGGTGGCAGCGG

GTGCTGGACATCTACGTTCTCCGTCGACGTCCCCGGCGGGATCCGGGTGGTCGTT  
GCGATGGGTGTAGTTAACGAGTGCCTTAGTCGTTAGTCAGCAAGCACTGCTTAGTCGG  
ATGTGCACTTGACCGCTTCCACCCGGTTCAAGGGCGTGAAGGCTGAACGTGATCAC  
ACAAGAAACCCCGCAATGCGGGGTCAAGAAGATCTGTGTTGCGAGGAACGTGAGAG  
TTCTAATCCAGGAGCTGGGGCTCACTACCTCGAAGCTAACGGCCTAACAAATTCTG  
CCAGTCCGCTTCTGCAGTGCGACCGCGACCAACTCGGCTGCCACAATTCTGT  
TTATCCTCAGAGTCCGAAGGATCTGCAACGTCGGTACTCCGCTGTGTTCTGTTG  
CAAAGTACGGCGTCACCAGCCTCACTGGTAGATAAGCGAAACGTTATCCTCAGCG  
ACCTGGCGATTCCGGCAGGCAGGTCTACTGCAGTACTCAGTCCGGAGTTGCATTGT  
CGACTAATGGGCCGACCCGTAAGCGTTAATGTGCTCTCGCGCAAACCCGAGATT  
TTGAGTCCGTTTGTGTTCTGAACGTGGCGGATGCTCCAAATGCATTCCCCGCTCT  
ATAACTGCCGTCTCTGTCGATTGCTATCGATTGATCTTAAGTACATTGCAAGTAC  
TTTTGTTGCCATGATGCCAATTGGAGGCAAGAAAAAAACCTCCACTGTCATCTT  
CCGGTGTCCGGCGTCATACTCGTCGGTACGTACCAATCTCTCGTAACACACCAAGT  
CCATTCTTAATGCCGCTACCACCGATTAAAGCTGTAGCGCGATCCGAGTAAGTGGCT  
GAGCTTCGAACCTCGTCTGTACACCGAGACGTTGCTTAACATATTGCCAAGTAG  
CCCGCATTTCCAGCAGTGAAGTGCAGATAACTCCTGTGCGTAGATCGCAGGGG  
CTATGGCTAGAGTTATCTGCTGCCGTACTGGAGAAGGGTATCCCTAACCGCGATAATG  
ATACCAATGTGAATGCGCATGTGTTGCCGCTGGACTAGTTAACGATCAATCC  
TATTCTCAGATAAACCTGCCGCTATCAGTGTCCCTTGACTCGGATCGGAGAC  
GGTAAAGAGCAGTGGTGCCTGACGATATAGATCGATCCCCCGATCTGGAGAC  
CCTTATCTGTTGCCGTTACCAAGTATTGAGGTTAGATGCCATCCCCATCAAATG  
GGTCAGACCAAGTATCAACCATCAAACCTCACCTGGTTGATGATCGGATCATTGA  
GTCCCCACGGCCGGTGACTIONAACCAATCTCCGGCGGCGAACAAAGCCAAC  
TTGACCGTATATATGCGGGCGTAAAGTCCATGCCAACCTCCGCGTCAATTGCTGGACGT  
CGTTCACCTCTGATCCCAGTGCACCTGGCGCTAACATTGCTGGACGT  
AGCTAGTACTCGTCGCAGGAGCGGAGACAGCAGAGTCTGCCAGGCCATGCC  
TGTGAGAGTGGTTGCCGGTCAGCTGTGACAGCCTCGGAAGCTTGCCTATCGACT  
TTGCCAGTGCAGGCCATCCAGAGACTGCCGCTCAGTGACGCCAACAGGCATCGGC  
AATCCCCCTCTGGGTCAAATTGGAGTCTCTATGCCGTTGCAATCGCGGCC  
TGAGGGGTTGTCAAGCATTGCTGATTGTCACATGCCGATGGAATGTAAGAAA  
GCGTTGCTGACTAACGACTAAAGTAATGCTTAGTTGCGCTATGAAACGCAATGCC  
ATCGCCATCGAGAAGTACGGCACCGGGCAGGCCGATCGCTCGTCTGGAGT  
CACGCCACAGGCTGTTAACAGTGGGTTACGAGCAGTAGGTCTGTTCCACCCAGAC  
ACGTGCTGGCAATCGAAACCGCAACCGCGTCTCGGCCACGACCTCGCCGGAC  
GTCTCGGCCGCCGCCGGCAACCCCGCAGGGAGGTGGCGATGCTGCC  
GCAGGAGGCTGCCGACATGGCCTTGAGCGCCGAACAGACCAAGCAGTAGCT  
TTCCTGCCATGACCACTTCTTGGTGGCGCTGTCGGCGCATCGCTCAGGATC  
ATTCGGACAGCCGAGAACGCGCCACATGATCCCGTAGAGCACCACGGTGC  
CGCGTAGCCGCCATCGGAAGTCCAGAGTCGAGACTGGTCCGCACGGCTCAA

CCGCCTTCACCGCCTACAGCCAGGGCGCGCGTGTGCTCAATTGCCCGCGA  
CGATTGCCGTGCAGCGACGAAGCGAGCAGCGCGAACGCCACTCGGATGCACACCCGAGGTTGT  
GCCAAAACACAGGGGTGAAAGAACTCGGCCACTCGGATGCACACCCGAGGTTGT  
TCATTGCGAGCGGAAGCAAGAGACCCGCCACTCCGAGGCATGCCGTCCCAGTGTC  
GCAATCGAATTCATATGTCCGTCTCCGGTGGTGGTGGCGCTCACATCGT  
ACCGGTGGCGGGCACCCACCTAGCTCCCTCGTAACAGCTTCACCACGCACGATGCGG  
CCGTCGACCCACCGCAGCCAAACACGTTGCCTCCCACACGCACGATGCGTGACG  
TTTGGGGCCCTTCTCGCTGATTGATCCGTGTTGCAGTGCCTCCATGGCGCAGA  
GCGTGGCGGATGGTCCCTCACGAACCACGTTCAGGTATCCCGCCGATGAACATCTC  
CGATGCAGCACACAAGACCGTTCGCGATTACCCGGCGCAGCATTGCCCTGGCGA  
CTCGCCTCATCTCCATCAACGACCGCGGAAGAGAAGCCGATGTCGCGCCGTG  
CTTCGCAGCAAGGTCAACCCGAACACGCGCACGCACCACCTGACACTGGCCGAAGC  
AAGCGAGATCATGGGCTGAGCGCGACTTCCGGATCCTGCACCGCTGGCCGCCG  
AGCACGACTTCATCGTCCAGCGCGCAGATGTGCCATGGCCGGCAGCCTCATGGAG  
GCCCTGCTGGACGCCGGGAGTTGAAGGGCAAGCTTGCAAGCTGATGCCGACGC  
GCTCGACGATCACGTGTTCTCCCCAACGAATCAAAGGCCGTGGCGCTGTGTGG  
CCAGCTGCAGGCGATGTTGCCAGGTGGCGCAGCACGCCCTCGCTGAGGCCGCTTC  
GGTCAGGGAGGCAGCATGATCCTCAGCTGCTCGAAGACTGGCCCGTGAGCGCCG  
CATCCGCCGCTGGCAGAGTTGCTGAGGCAGGCACAGGGCGCCGGCAAGAAGGCCG  
TCGCACGCCCTATTGGCTGACATGAAACCGCAGTGCGAAGGCCGTAGCGACCGG  
CAGGTGAAGCGCATGGAGCGGTGGGGCTAGCGTGATGGCTCAGTCGTTAAT  
GCAGGCTGGCCGGGTATCCAAGAACGAACCTGGTTCCACGTACGAGTCGATCCC  
GTCGTTAACTGGAACGCTCTCGACTGCGATCAGTCGCCAGCCATCTTGAGTAGCGC  
GTTTGTGTCGTCACGTGCCGCTCGGTGGTACCTGGTCATACGGTAAGCAGCTT  
GGCGCTCATCGTCATCTCCCTGGCTTGGCTCGGATCATACATGGGTCGCCG  
ACATGGCTGAGGCTGAGCTGCCAACCGAAAAGCCGCTACCGAAAGGTGGAGGTC  
AGGACATGGGTGATGAAAAATTCCGCCCTGTCGCCGATGCCGCTTCGGGCA  
AGGCCTGGTTGTACCTGATCACCGGCCACACCCGGCCCATCCCCGGCCTCTT  
TCGTGCCGGACGAGCGCGATGGCTGAGGAACCTGAGTGGGAGATGGAAGCCTCG  
ACTGATAGCCAGGGTTCTAGACATCTCAAGGCCATGGAAAATAGTCGATTGG  
AGGTGTCTATGAGCAGCAAGCGATACGGATGAGTTCAAGATCGAGGCCGTCGG  
CAAGTGACTGATCGT

>CONTIG\_62\_length\_6934\_cov\_253.533128

GGACAGAATGGCAGCGCGGCCAGGTGCCGCCGCCAGCGCGCTCGCCGCTGGG  
CGGCCAGGCTCGATGGTCCACCGAATTGAGCGCCCTCTCAAGATGGCGT  
TGATGGTGGAGGCGATGAGTTCGCGCACCCATTGCACTTCAACACGTCCCGAACGC  
CCGCCGTCCAGTTCTGGTTGTCCGTGAGACCGTCTGGACCCATGCCCGCGTC  
GTTGCCAGGACATGGACGTGCCAGTTCAAGCCGTCTGGAGGCCGGACTGTGGAT  
GCTGGCCTGAGCCCGAACGCCATAGCGATTGACCAAGGCCGGTGACCTCTACGG

CCAGCTCGGACCTCTGGAGGTATCGAGTCGTGGGGCAACCGAACTCGAACTCC  
CGGGCGACCGTGAATCTTACGACGCTCGGCCCTCCGCCGGCCAGAGCTC  
AGCGGGGACCAGGGCCAGTCGGGGCGCCTCGGGTGCATGCAGCGCTTCGA  
CCACGCCGTCTGACGGCGTAGTCGTGCATGCCGGTATTGCGTCCTCGAGCA  
GCAGGCCGGCACGGTAGGCAGGCCAATGGAGGAATGCCCTTGGCACGGCTG  
AAGGTTTGACGTTGGCATGGTAGATGCCATGAAGCGTAGTCCGAAGCGTTG  
AGTCGCTCGTTATGCCGTGGATTGGATTTCGCAAGGGCTGAAAGCACTTGGGG  
TTCAAGGGGCATGCCCTGCGCACGTGTCACGCAGTGACACCTAGGTGCGCTT  
GCTTGTCTGAAGGCTCTGTTTTAGATCTTCGGGTCTCGCGGTGGACGAAATT  
CGAGACCGCCTAACGCTTGACCGAGCAGTTCTGCTGACTCATTTCCAAGCG  
ACAGGAGAAATGCATGACCGCAACGAATCACTACCGAGACCAAATTAGCGGGCCA  
CCGAGCGCTTAGCACAGCTGCAAGCGAAAGAGCTTTAGCCAACCAGCGCCGCGAA  
GCAAAGGCGCAGGAAACAGCGAGGCACAAGAGATGAAACGACGGCAGCGAGTGG  
CTGACCTAGTCTCCAGACGGGTGCCATGCACTAGACGAGGCAGAACTGGAAGCG  
TTGCTGCTCAATCACATGAGGGACCAGGGCAGGCTTGCTCCACTAACCTGCCCTATC  
AAGTCAGCTTTTGCAAGCCACCAATGCTGCCCATGGTCATCCGAGGCCATTGC  
TCCCGCTGGACGCTCCCCGGCTGCATGGTTCCATGACTGACAACGGATCTGGCCC  
TGCTTGGTAGTCCAGAAGAGCTCGACGGCCAAGGACGGTATGGCGTAAGTCCC  
GAECTATCGCAGCCCTGATGATCCTGTAGCTGTCGAAACCCAACGGCTCG  
CCTTCAGCTCCTGGCCCGTCAGTGTGACGGTGCCAGGTAGTGCCAGGCA  
TCCAGCACGTGGAGCTGGCGCAAGTTCTGCCCTCTCTCCAACGCAATCCGGCCA  
TGAAAGGGCCAGGTTGAAAGCTAGACGAATGAGTGCAGCACGTAGGCCTCTTC  
GTGCTCGTCCGGGGCTCACCTCCGAGCAAGGCCGGCGAGCGCTTGAGCATGG  
CCCGAAAGCACGGCGACCCGAGGGTAGCCGCTCAAGCCCCACCAGGGTAGCAG  
AGCCGGTCGTATGGCGATGCCGTAAACTTTTGAGCGGCCCTGGCGATGAGCG  
AACCGGACATGCTGATCGTGGTATGGCGGAGAGCGGGGGTATCCAGACATTGCT  
CGTGCACCGCCGATGGCACGGTTCCCTCAAACGATGCGGCGAGGACTTGGG  
GAAGGTCTTCCGCAGCCTGGCCTTGACAAACGGTAGCAGGGCTGAAAAGGCGGTGC  
TGAAGATGCGCAGCGAACGCGCTGATCGACCGGACAAGGATGCCGATGCCGACT  
GGACGGAACTCCACTAGCCGCATCCTGCTCGGACACTCTCAGCCGAAGTCCAC  
TCGCTGACAGGAAAGCGAGCTCCATCGATGGCTAACCTAACGAGCCAGTAAGGA  
ATCACATGGACGACGAAAAGCAGCGGATCGCACAGTGGCGCGAACAGGGCTCA  
GGAACGCTCGAACAGGAACCGAACGCCAGCGCACGCCAGTCGCAAGGCCACT  
TCTTCCTCGCGGACGATGAGGAAAGCATCGATCCCCTGCCAGCACGCCGGAT  
GCTGAAGAGCAAGCATTGGCGCAGCGAGCATGGCGCCTGCTGAACCGTCTCCACG  
CCTGTCCAGCAGCGAGCTGCCTGCTTGTGGCCTGGACATGGATTGCTCCCG  
CCAGTTGTGGAGCGAACGGCGCAAAAGTTGACCTGTGTAAGACGCTGCACGGT  
TGCTTGCTCACATCCGCCACCGTGGGGATTGATGCGTCCCTCGATCTCCGGCGC  
AGATGATGGCAACGACGCCATCCAAGCCTGAAAGGGCTCACTAGAAGAATCGGGC  
CGGCTCCATCCATCCTCTCCTCCATCCACTCCGCCCCGACCCCTCGTGGAGGGTA

AGCGCGTGGAACAGGTGCTCGCGTCATCCGTGAAGGTCAAGCCGATTCCGAAAC  
CGCTTGGTGGAGCACTACGGCGCGCTTGATGGTACCGAACCTCGCACGCAAGT  
GTGATCGATGCCGCGCATATCAAGCCTACAACGGGATTGACCAACGCACTGAA  
CAACGGCTTGTGCTCCGGAAGGACATCCACGCCCTGTTGATGCAGGTTGCTCCA  
TATCTCGCCCGACCTGGTGGTCCGTTCCGATTGGTACCGATCCTGCTACCGC  
ACACTCGATGGACAGCGATTGACGCTGCGAGTCCCATCCAAGATTGCAATTGGCC  
CTGCTTGGCCGGATGCGTGGCGAGTCAACTCAAGAAATGGGAGGCACTCCTGACAG  
CGGTGAGGAACACGATGGTCGCCCACGCTGATCCCTGGAGCTTGTCCGCATGGAG  
CACGGCGAGGT CGCGGTTACCAAGGGCTGCGCCTCACTCCTTGCACCTTCCGA  
GACGAGGTGGT GTTCGCGGCCATCGACTCCCTCGAAAGAAAAGATCGAGGAAC TAAG  
GAACAGTCAGGAAGAAGTGGAAAGAACGCTCGCAGCAGACAGCTACGCGGAGCTT  
CATCAATCCACC GTGGAATGTTCTGCTCGCCACCCATCCATGCACGAACGGGCA  
CTGCGCGCTT GATGACCGCCATGGCGAAAGAAGGTATGGTCCAAGGCCAACAA  
AAGCCAGATCCAACGATGCTCTATGACTGGCAAGGAGGTGAGCCTGCAAACCTCT  
TCCTAGAGCTTTGATGCGCCATGGACCTGTTGGATTGACGACGACCTACTGT  
TTCTCAACTTGCTAGGCAACGCTCTCGACACGGCGACGGGAACGCCGCATGACTA  
TTCATAAGCTT GCCCCGTCTCTGGATCAACTGGCTCCCCCAGGAACGGTCATCG  
CCAATCTCTTACCGTCCGCTCGACGCACCGGCCACCCCTGCCTCGACTCCATCAC  
CCTTCCTCGCGTTGCTTGAGCAAATGTTCATGGCAGTGACGGCTTCTGGGAGGA  
CATCGAGTTCGTGC GG TGCAACTCCTTCCCAGT CAGT CCGAGAGCACCGAGAAC  
ACATTGATCAGCTCGAAGCCGGCGCCATCGATCCAACGAACGCGTGTGGGTG  
ATTGGCTGACCTCTACCCACGGATGGCGCTGACTCTCACTTTCAGCGTCCACT  
GGCACCCGGTGGAAAGTTCACATTGAGTCGCTTGATGAGTGCCTGGTGCCTTTTT  
GGAGCCCGCGAGCACACCAGGATGGCCTCGCCATTGGGCACCTGGCGCATGGCAA  
CTGTTCGGCACGCAGGATGGCGCGTATTCACCGACTGATAGACCCCGCGCATGA  
GCTCGT CCTCCGAGCACTTGCTGGTCTTCACCTCAACCGCCAGCCGCTGCTGCCGT  
CTCGAACAGCACGTCCAATCGATCCCCGCTGCTCAACACGGCCTGTTCCGCCAGG  
CTCGAAGGTGCCGAAGTCGGCCAGTTCCCTCGATGTGTTACGCACCCAGCGCTTGAG  
GGCTTGGTGTTCGGCGCTCGGGGTGCTCCGCCGGCTGAACCTTGGCAACGGTAG  
CACGTCGCCTTGT CGGCCCTCCAGTTCTCCGGACGCCGGTTCAAACGGCCACTCC  
AAGCGCCCGGGCGATCTGGTCCCAGTTGTCGAAGTGGTAGACGGCGTTCATGGCG  
CATCGAGGTAGGCCTGCGGT CGG CAGCCATGCCAGGCCGTTGTCCTCGAAGAAC  
TAGTGGCGATT CGT CGGCCCTGCTGGTAGCCGTGCTCTGCTCACAA  
ATGGTGTGATCGGTGGATGCCTCTCACGCCACTCCGGCAGCAACCCAACTGC  
TCGATGGCGAGGCCACCGCGCCAGGGGGCCATAGACCGCTTGCCTGGGCCCTT  
AGGCTCGTGCCGAACTCGCGTCCAGTTGCTGGCCAGTTCCCGTAAAAGATGGG  
CCGCCCTCGCCCGCGAATCAGGATTGGGAGAATGTCGCCACGACCTGAAT  
ACGCCAGGGGTATTGGCGAGGGGGAGCTGGTCCAATCGAAGGCCATCTGCTT  
TCCTGTATTGCATAGGCATCAACGCATAGCCAACCAGCATCATCAAGACTGACA  
ATT CATGTTCCCAATGGGAATT CGCATT CCCATTGGGAATGTGGTGTGACGCGCA

GGAATTGAAATGCAAAGCTTCCCCACACTAAGGGGGTATCCCATGTCATCTGAAAG  
TCGAGTTACGACCTACACCAGCATCTGTTGATTCTGCTCGGGAAACGAGGTTGGA  
ACGCAACATTACCAAGCACAAATGCCGATCTTGAGGAAAAGTCCAGTGCAT  
GGACGAAGATTGAGAACGGCCGCTGCCGCTCACGTTGAAGAACTTTCGCGTGT  
GCCGTGCGATGAACATCTGGCCATCGGCACTGATGGAGCGATGGAGCGTTACGAG  
CAGTTCTCTGAACAATGGACTGATTGTTATCGTCAGACACTTCCCTAACGAA  
GACCGTTGCTGCCGATGCCAGGACTACTACGGCTGCCGGCTCCGTGCACGG  
GGCCCACAATGGGGTGCAGCCTGAACGGCCCCACTGGTTCAACAACACTCGGT  
GAGTATTCCGGACGTGTTGCTCTCGCTGGACACTGATTCCGTGAGAAACAGCT  
GAATCCGCCCCCTGCAACACAGCACTTACCCCTCAACTGGTGCCTGTAGCCCAC  
CTCATCGGAAACTTGATAGTCAGAACTAAGAAAAGCCAAACCGTTCATTTGTTCTACT  
GTCCTTGATACGTTGGCGCTCTGCCAGCAAGGCACTGTTACTTCGGAAAGTTCCA  
GGCCATCTCAAGCTTTCTAGTGGAGTCAGGATAACCGGTGGCGCAGGGCACTGCC  
ATCAGGGCTATCGAATAGCACCAGATGAAGGGTAAGGCCGGTCGGTCATCAACAA  
ATCTGTAAGCGTTGCCGTGTTGTGGTTGATGATATGATTCTCGTAGGTT  
GGATAACAACATTCAAGTTAGCCAGGAAGAACCTGACACATCATATTAGGCCAACTTT  
TTTGTGAGCGCGGACCGCTTCACTGACACAAGACGGTCTTCACCTGCCCGCG  
CCCGCGGTGGCGAGTGCACACAGGCTCGGCACACCCGAGAACCTGCACTCCAT  
CCCTGGGTCTGGGTGTTCCAGATGGAGTAACCGTCGTAGCCCACCATCGCTTCTC  
GTTCGCGTGGACGCGATGACCGGCGGAATAGCGCTCCGTAGGACGAAGCCCT  
TGGCGTTCTGGGTGAGCACCGTAACGTCACGCGCACGCCGCTTGGCGGGGGCC  
ACGGAACGCTTCCATTGCGCTATCTGACACCCACGAGCAGGTCTTCCTG  
AGGCTCACAGTCGTGGCACAGCTGAATACGTTAGGCAGCCAAAGCGACCCCTG  
CTTGTGCGTCACTCCTACCAAGGCTCCATTGCCGACCGCAAAGCGTTGCCC  
GGGCACATCCACACCGCGAAGCTGAATACGTTAGGCAGCCAAAGCGACCCCTG  
GTTGTCCACGAACAGCAACCCGGAGAGGGCTGGCTGCGGTGACTTCTGCCATCAA  
AGCTGCCACGCTCACGCGGTATGCCGTCGATGTCATCGTAACGGCGCTGATCC  
GGGTGCTGGTGCTTGCTCGCGTGGTATGCTCTGCAGCCTGGCGAACTCCAGCA  
TGGGTCTCGGTAGTCGAACCGGCAGCGCAGCGTCCACCATCGGTGACCGGC  
CGGACTTGCGTTGATCACTCCCCACGTGTCAGGTGCCAGGTGCTGCACACGGTGA  
CGTTGCTCTGCCGATCTCGCCACCCACCGCCGGCTCGTATCCTAACGGAATGCGT  
AAGGAGTCACACTCCAAAAAGCAAACCCGGTTTCTCAGGGTTGGCGTCCGGC  
GCTTGATGAAGGCTGTTATTCCCTGCCCTCCGGCTCACTGGGCCAGTAAC  
AACGTGAGTTGCCGTTCTTATTGGCGCTCCTGCTTGGGTGTTGGCGCTAGAC  
GACAAGGACAGATTGCCCTGTCAGCCTCCGTAAATTGATCCAGCCATAACTAGA  
GGTCTCCGGCACACTAGCCACCAAGGAGACCACATGCGCAAGAGCAAGTTCACCG  
AGAGCCAGATCGTCGCCACGCTGAAGCAGGTC

>CONTIG\_63\_length\_6909\_cov\_4.451194

CCTCAAAGCCTTCTTCGGCGCTGGCCCTCACTTCCGTGCGCAGGTACTTCG  
CCGGCGCGTGCTTGAACGCCTCATCGCGCAGGAAGATCTCGCGAACAGGCAGA  
TCGCGCGTCGCCTGCGGTACATCGCCGCTTAATGGTCAGCGGTGCCGGCGATCG  
AACACGCGCGCGCGGTGCGCTTCCACACCTCGGGATCTGTAGGCCGTGGCGTTG  
CACGCCTGCATCACGGCATACGGCAGCTGCTCGCGCTCCAGCGCGCTGAACGTCCG  
GCCAGCAGGTTGTCGCGTCCACGGAGATACTGAATCTGGCTCACGGCTGCCCTCG  
CCTACTGGCGTGCCTGCACCTGGCTGATCTCATCCAGGTTGGCCTCGTAGAACTCC  
AGGCAGCGCTTGCGCCACGCGAGACGTCCAGCACCTGCTCCAGCGCGCCGCTCTTC  
ACCCAGGTGCAGTGCTGCGTCAGGCGCGCTCGATCTGCACATAGGTGCGCACTGG  
CACAGCAATGATCGCTGGCGCTGGCGTACCCACAACGGGCCGCCGGTCCTCGC  
GCTTGATGCCGTTGCGGCCGCATCCAGCCAGCAAGCCGCGATCGCGCAATAGCG  
AACAGAGAGCGCAGCATTAGTAGCCTCCCAGGCTGGGCATGCCGAGCCAGCGCC  
TGCAGTGCAGCGGTGCACTCGGCCGGCGTTGGCGCTTCGGCTTATCGCGCAGGCCGGTATTG  
GCAGTGCAGCAGCTCTCGGCCCTGCAACTTGGCGGATGGTT  
GCCAGTGCAGCAGCTCTCGGCCCTGCAACTTGGCGGATGGTT  
GCTGCTTCCAGCGCCAGTGCAGTCGCTCTGGCACTGCGTACCTGGCGCTCACC  
ACGATCACCTGCTGCCCTGCAAGGAGGTGAGTGAGGCAATGACAGCAGCGC  
GGCAAGCAACCGCACACCCACCTCAGCCGGCTGCCGGCTACGCAGCCAGGTCA  
GCGCATCGCGGGCCAGCCAACACCCACCGCCACCAGCGCCTGAAGAAGGCCACG  
ATGTTATCGCTCGCTCCCGCCGGCCATGGTAGATCAGCAGCACCGTCAGGC  
ACACGCGCACCAAGCAGCACATACCAGGGCGCTGGCGTGTGCTGCGCCAGGTGCGC  
AGGAAAATGCCGAGCATCCCCACGCCAACGCCAGCGCCTGAAGAAGGCCACG  
CCCAGGCGCGCGGTCCCGCGCGCTGCCGGCATGAAAGGTGTCAGCAGCTGC  
CAAGTTGAGGCGCAGAACACCGCCAGCGTGCTGCCAGGCTCAGGAGGTAGAGGCT  
CACGCCGCACCTCCCGCACGCCGGCCAGCCGGTGGACCACCTCTGCAGCGGCC  
AGGTAGTGCAGCACGCCGGCCGCTGGCGCCAGACCTGCCACGTGAT  
GCCGATGCGATGGACGGAGGGAAAGTAGTTGCCAACGCCACCAATCCAGCCGG  
CGGCCAACGCAAAGCCCAGCACGAACAGCCCCAGCAGCCCCACGCCAGCAGCAG  
CGTCAGCCACTGCACGCCGGCCGCTGGCGCCAGACCTGCCACGTGAT  
CTCACTGAGCAGCAGTAGGCCAACCAGCGCGCCTACCACCGCCAGAAACCACG  
ACTGCGGAATGCCAAAAACAGGTGCTCGCTGCCGGTGTACCTCGGTGACCACC  
GCGCTGCCGGCGCTGGCGCCACCAGCAACCGCCGACTTGAGCACCAGCGTGGC  
GCCGCCGTCCATCACCGGGCAATCCCCGCCAGCTCCACGCCATCCCAGATGACCGCA  
TCGCCCGAGAAGTTGCCGGTCTCGTGTGGCAATGCCCTGCCAGCTGAAAT  
ACGGTGGCCGGTGCTTCCACATTGATGCGCTGGCCACGTCCACGCCAGCGCGGTG  
GCCACCTGGCGCGCATAGGCGCCGGTGTGTTTCCACCGGCCAGCGGGTTG  
ATGATCCCCCGCACCGTGCAGACCATGCTTGCGCTGGTAGGTGAGCAGCGTTTG  
ACCAGGGCACGGAAGCCGTATTGCCGGCGTGTGAAACACGGCAAAGCGGCCCTCGC  
TGCAGCGTGCAGGCCGGTGTGCGGTCTCGCCCTGCCAGGCCACGCCGTGCGATCGAT

GTTGCCTGGATTGTTGTCGGACGCCGCGGGGGCCATGTCTGATCCTTGGGT  
CATGTCGAAGAGAGGCCACCACCGCACGCCACCCGGCATCTGCGTGCAGTGATG  
GGCAAGGCTTAGCGGCCACCAGCGTGGCGGTCCCCGGGTGAGGCGCACCAACAC  
CGTGGCGGCACCGTTGGCGGCCCTCGATGGCATAGCCAATGGCGTTGGTATGCC  
AGCGCCGCCAGCAGCAGAGATGGCCTGCTGGTGTGCCGTCCAATTGACCGAAG  
CGCCGCGCGAACACGCCGGCAACTGGGCAGCGCAACACGCCCTAACG  
TGTGCGGCATCGTGTGCCAATGGCGCCGTCGTAACGGCGATGCCACCGAGCTT  
GCCGTCGGCGATCACACCGCCGCTGCTCACTGCAGCGGCCAGGATCACGTCAGCA  
CGCAGGCCGCTTGATATGCGTTTCATGGGGAGTACTCCAGATGCGAAGAGACGCC  
GCACCGCGCCTGCGGTGCGCAGGGCGCTACTGGCCGGGTTCTGTAGATGCCGC  
GGTAGTCGGCAATGCCGGCGCCGCATCCAGGCGCACTTCCAGGCCACACCGTCC  
ACGGTGAATCCTCGTGTGCTCCAGGTAAGGCGTCTGGTTGCCGTCCAGGTAGCCC  
ACCACCAAGCGCATCTACATAGGCCAGTTGCCAGGCCGATCCACGCCCTCGGATCT  
GCACCATCCAGGCCGCGCTCGCTCCACCTCGAAGGTGTTGCGCACGATGTTGGC  
GTGGTCTGGTTGTCGCCCCGCCACCGCGTACTCGGCCGCGCACGGTCAGTGCC  
GCACCGGAGAGAGGCCACCGCGTCAGCAGCGTCTCATCGCACGCCAGGATGTT  
GCCGTCGGCATCTTCTGCAGTGCATGCCGCTGCATGGCGCTGACGCTTCGGT  
GGTGTGCCGGCGGCCGAGCAGGTTGCCGTGGCGATGGAACAGCGTCTGC  
CGTCGGCCAGCTCGGGTCTTGGTGTACAGTCATACACCGCCTGCCAGCGTGC  
GCTTGGCGGCCCTGGCCCATCTTGCACGCCGTCGCTGAAGATGCCAGATCGTCAT  
TGATGATGGCCTGGCGGGTGTGGTGAACAGCCGGCCCAGGTGATGATCTGCATC  
GAUTGCATTGCTCGCTGAAGGTGCCCTGCTTGTACTCACGCCCTCGCGCACCGGC  
AGCAGGTCCGAGAACGCCACCGCCAGGCCACAGATTGGTGGCTGAAGTCCGGCAC  
GCTCACCGCGCGGGTGAACTCGCTGAAGCGCTCTCCACTCCTGATAGCCCTGCAG  
CACCGAGCGCGCGCGCATGCCACGATTCGCGTCGGTCCATGCCCGCGGATTACGCCGGC  
TGACCAAGGCACTCGCGGCCATCTGGCCAGCGAATGGCCGCGGTACGGGTTGTC  
ACCGGTGGCCTGCGCCAGGCCACGCGCGCCTGGATCGCATTGGTATGCCGCGC  
GCACGTTGTCGCGCTGGTGCCTGCCAGCAACAACGCCGCGCGGCCGTTGAGCGGC  
TCACTGTTGCCGCCATCACGCCAGGATGTGGCCGCCACGTTGTCGGGGTCACC  
GCAGGGTGGCGCGGCCAATGACGCCGTCACATAGGCCGCGATCTCCGATTGCC  
CATGTGCCGCTCACGCCATGATGTCGGCGTTGCCGCCGCGCATCGCACCG  
CGCCGCTGACGCCGCTGCCGCGTCCGGCGCAGCAGCGACGACCGGTGCCGGT  
CCGGTGCAGGCCAGGCCGCGTAGCCGTGGTGGAAAGCACCCGCCACCG  
GCGTGGCGAGGATGCCGAGGTAGGTTGTCAGGATCTCGGCTGCCGCGATGTGGCA  
ACGACGCCGTTGGGTGACCTCGGAAGTGAGGCGAAAACGCTGGGCTGAGCGC  
GGCGCGATATGCCGCGCAGCTGCCGCGACTGGCGCTGCCGCTGGGTGATGG  
CCTGCAGGTAACCGGTGAGGCCACAACAGACGCCCTGCCGCCGGCGTGGCA  
GCCGTGTCGCCACGCCGCGTGGCAAAGGCCAATCCACCGCCTGCCGCCGGTGT  
CCAGTGGTCGCCATCGGTGAGCAGCTGCTCACCTGCCGCCGCTGCCGTCT

GGAGGCGTACGCCTCAAACATCGCGCCGGCATGTGCATCCAGCGCGGTGGCGTATT  
GGCGGAACGAGGATGCATTGCCGGCGGCGATCGTATGCCGTGCATGCACCACATCAGC  
AGCGAGCTGGCGTACATCACCAAGCTCATGCCGCCATGGCAATCAGCGAGGCAAT  
CGAGGCCGCTGGCGTCCACGAACACCACCTGTGCAGCGGTGTTGAGCGC  
GTTGTAGATGCCATGCCATGCCACCACGCCGCCGCTGTTGATACGCACGTG  
GATCGTGCAGCGCTGATCTGCCGATCTGCTGCCAGCTGCAATGGGAGACAG  
ATTCAGACCACAGGCTGCGCAATGGTCCCCTAGATCATCACCTCGGCCACATCGG  
TGGCGCGGGCTCGATCTGAGCAGGCACGGGCCAGCGCCGGCCGGCATCGGCA  
AGCACCGGCCAGCGCCGGTCAGTGCAGTGGGTCGCCAGTCAGATGTCCCTC  
AACATGTCGCGCAAAGGTGGCACGCAGTTGCGCGCAGGCTTCCGCAAGGGCCGG  
CGCCGCCGGCTGCAATTGCTGCTGCTGTTGCTGCCAGTCCTGGCGCTGCCAGCAC  
TCGTCGGGTTGTTGCCGTACTGCAGCGTGTCTGCTGCCAGCAGCCAGCG  
ATCCTCGGCCTCGCCTTGGCGTAAGCCTCCTGAGCGGGTCGATCCACGGCATGAT  
CGGCCGACGTAGGTGGAAGCCGCCAGATGCCAGCGTCCAGCCGCCAGCG  
GCACCCCTGCCGGACAGCACCGCCGCTCGATAAAGCGCTGACCGTCGGCCGCACG  
AACAAAGGCAATGAAGCGCTGGGCCAGCATCAGGTAGCTGCCCCACTTTCCACCAG  
CTCCTGCCGCTGCGGAGTACGTGCCGTTGAGTCCAGCGACAAGCTGGAGTAGCT  
CACGCCAATGCCGCCGGCAGCGGCCGAGCTGTTGCCAAGTCGCCGCGTT  
GGGTTTGGCGGTGGTCCCAGGCTCTCGATGGATTGCCCGGTAGCAGGTCGTC  
AAAGATCGCACCGGCCATGCGCAGTCGCGCACGGCACGCCCTGTTGCATCA  
GCGCACACCACCGAGGCCCTCGCCGCCGGCTGATACACCTGCCGGACCCTTCT  
TGATCTGGAACGTCATCGACGCCACCTGGCGCATGCGCTCCGACTCTCGT  
AATCCTCACGTCTCAAAGCGCGACATCGCACTGGCAAACACGCTCAAGCCGCC  
ACCTGGTGCAGGCCCTGAGGTGGCAATGCAGTCATCACTCGCGCTCACCG  
CTTGGTTCGGTGGTCCAGCCCAGCGGGTCCCCGGGTGCTGCTGTACACGTGGTA  
GGCCACCGGGCGGCCACGCGTTGCGCTCTACACCCTGCAAGGATGTTGCCGGACG  
GGTCGTTGAAGTCCAACGGCACCAAGATCGGCCTCCAACATCTCGATGCTGTAGGGC  
ACGCCGCCATGCTCCAGATACGGCACACCAGCCGCTTAGGTCTGGTAGAACGCC  
TCGCCATCACGCAAGCAGCTGCCAGCAACTGCTGGCACCGCCATAGTCATGC  
GCGCAGTCACTCGGGCGCGTCCCACCACAGCTCCACAGCTCATCCAGCTGCAGG  
GCCAGGTCGCGGGTGTGGCTGGCAAGCGCGGTGCAAGACAGCACGTCGAT  
GCCGAGCCCACGGTTGACCGACGTTGAGCGCGTTGCGGCCAGGTCCAG  
ATCGCGCTCAAGGTGGCGCGCTGGTCGCGCAGCTGGGGCGTCCATGCCGGCAA  
TGGCGTTACCACTGCCAGTCGCGGCCAGCTGCGCTGCGCACGGCGAGCTCGGTT  
ACCTCATGGCGCGCGCTAGTACCGCAACTGCTCGCTGCCAGCTGGCGAGCTCGGTT  
TCCTTAGCAGTGACGACATCGGCCAGCGGGCTCAATGGCACGCACTGGCGT  
ATGGGAAATTGCGACGCTAGCCGGTCGCGCAACGGCACGGTGGCCATCAAGT  
CCGGCCGCCAAATCAACCGTCGCCAGCGAGCGCACGGCCGGTACAGGCCGCTGCT  
GATCTACGGCGGCCACTCCTGACGCCCTGCGGATCTGCCAGATCCGCC  
GGGTGAGCATGCGCTACCGAACCGGACGCTGCGGCCAGCACGGCAATCTCT

GCCTGCTGATACGTAGTGAGCATTCCCTGCGCCGTCTTCATGACGAGTCAGGCTAGG  
GGTGCCTCCCTCCAAAATCTAACTAAAAATGGAGAATTAGAGTATCAATAAGTTATT  
GATTTTATTGATAACCCACTCC

>CONTIG\_64\_length\_6760\_cov\_6.532640

ACCAACATCATTGCCAGGAGCGCAGCGAACGCTCCTGTCTGAAAGTCCATATGG  
CCTCGGGTGGGTGCAGTTCTATCTGCCATATTGGCAGATAAGTGCCTAGGATGCTA  
CTCGGTGCAGACTTGGGGTCAGCTATCAGTTAGATCTCCATGCCCGCATCCCTGCC  
CACAAAGTTCTGTCTTGGTCGCTGCGCGCCGGCGCGTGGCGGGCTGTC  
GCAAGTCGAACTAGGAGCGATGCTGGGATGAACGAGAAAAGCTGCCTCGTCACGTC  
TCTCCC GTTACGAGCGAGGGAGACCGAGAGGCCGACCACGAGACCCCTGGCTGCC  
AGCGATGTCTTGGGGTCCGGAGGCCTACTTCCACGCCGGATCTGATGTCCTGCC  
GAAGTCATCCTCTTGGGTGCTCGGCTGCCGAGGGAGCGCAACAAGCAGTGCTAGA  
CCTCGTCAAGAGGCCATCTCACTCGGATTAGCTTGGTGTGCCCTGAGCTGCC  
CGCGGTACCGAGGCCAACATGATACAAAGCCTTCACGATGGTGGGGCTTTTG  
CGGCCCCGCCGGCTGGCTGCATCAAGCCTATGAGACAATCTGATGATGAGCATTG  
CACGTCCCCGCCCGAGATGGACCCCGCGTGGGAAGAAAATTAGCGCATTAG  
CAGGACATCCGAGAGGAATACCTGGCCGATCATCAACACCCCTGGTCATGGCTT  
TCCGGTGGCAAAGACAGCACCCCTCGTTACGCACCTGGTCTCGATGTCCTAATGTCT  
CTTGCTCCGCACGAGCGGACGCGAGAGGTTCATATCGTGTCCAATGACACCCCTCGT  
GAAAGCCCGCTGGTCGTACCCACGTTGCCACGGTCCAGTCTGAAATCGACCC  
GCCAATGCTTGGCGATGCCGGTTCGAGTGGTGACCACACGCCAGAAACGGATT  
CACCTTCTGGGTGAACCTGATTGGCAGAGGTTATCCGCCCGAACAGGTCTTC  
CTGGTGACGGACCGGATGAAAATCCAGCCGACGCCAATACATCCGTTGCAAG  
CGGACATGGCAGGGCAGGTGATCCTCTTCTGGCGTCCGGCGCTGGAGAGCTCC  
ACGCGCGCTGCAACGGTTGCTCGCTACGACAATGGCGAACGGCTCAACCGGC  
CGATCTCTCAACTGCATGGTCTTCCGCCCATCGTTGAGTTGATACAGACGAGGTT  
TGGGAATATTAGCCTCACGCCCGCCATGGGGAGGGTCGCACAGCGCGCTGATC  
CAGCTCTACATGGACGCGGGCGCGGCCAGTGGCCGACTGTGTTGCCCAGGATGA  
CGCGCCAGGCTGGAACCTCGAACACTCGGTTGGCTGACATGACAGTGGT  
GGACAAGGACAAGAGCTTGATGGGTTGTTGAGGCGGGCTATGGCGAATTCACTC  
CTCTGGTCGATTCCGAGATTGGCTGGCCGGATCCGAATGACCCAGAGCGCC  
TCGCTCGCCGAGAAATGGCAAGCTGACCATACCAACGACGGCTTCTCATTCCAG  
GCCCTTCACGTTGGAAACCGCGTCGCGAGGTTCTAGATGGGTTCTGGCACTCGAGC  
GGGAAACCAAGAGCAAGATCATTGAGGAGTCTGAGGTGATCCGAATTGAGAGATT  
TGGGCCGAAGACGCCAGCAGCTTGCCTACCAAGGTCCGTAGATGAAGCACGGCG  
TGCAGGTTCCAAGTAAGGACACAGGGGAAGATTAGATGCCACGTGACGTC  
GCTTTGCCCAAGAGGCCAGCAACAAGTTGATTCGTAACACTGCC  
CTTGCCGGTGAACGACCTCCGAGACTGGTTGAAGAGGTTGATAAGAGC  
GCAGCGCCGCCACGGCCTTGGGAGGCCTCGACGAGGTGCTGGCGAGACGTATG

AAGAGGAGGCCGACAATGCATCTGAGTCAATCAGTCTGCGAGACTGGAAGGCTT  
CGAGTCGGTACCTCGAGTTCTACGCCCGAAGACGAAGAACGTCGTGTTAT  
CGGAGGGCGAACGGGTTGGTAAGACCTCGCTGTTGAGGCATTGGCATTGGCCTT  
GTTGGCCCGATGGCTTGCAGTGGTCTGCCGCTTGCAGCGACGAAC  
AAGGGCGGCCGAGTCATTCAAAGAGTCATGGAGCGCCCTTCGTAATGCG  
CTTGCCAATGGCCGTCTCCTGCCGTATTGAGCTGAAGTTATTGATGATGGCGC  
GATCCGATTGGATCGAGAGGACTTGGTATTCAATGACCAAGGCAAGCTGAAAGC  
TGGTGAGTCAGCCGAGCAGCTAAAGATTTCAGGCATTGGTCGGCGGGTATTGG  
GCCCGGTCGAACAGAGCATGACATTGAAGGCTGGTATCGCAGTGGGTGCTCAAAGA  
CTTCATCCCTACGTCGTGGCAGGGTTCTCCTTCGACGGCAGTCAGCCGCCGT  
GTATGCCAACGAGACATGGGTTCCCAGGTGCGAGAGGGCATCGAAGGGCTGCTGG  
GCTTGAACGGCTCAAGCAGTTGCAGAAGGACCTCGCACCTATGCAAACACCAAG  
CGCAGCCAGGTCCGAAAGGGTGAGTAATGAGGCCATGCCAGCTGGATTGGC  
TGTCGGCAGCATGGAAGAAGAGCTAGCGCGTTACGAAGAGCGGCTGCAGGCCATTG  
AGAATGAAATCCCGACAGCAGAAACGTTGCGCATTGACCGAGAGCTTGGC  
TACGGGCAGGCACCAGAGCCCAGCTAGAGGAGCTCACCGTGAGCAGGCCACTA  
CGAAAAGCGTACAACACTGCACAGGACCAGCTGGTCACCGCAGCGCAGTCAGATC  
TACCGCTCGACTTGCTGGCGCATGTTGCTCTCAAAGGTTGAAGCCGCTTGACC  
AAGAGGCGCGTCTGGACCAAGTGGGAAGCTGCGCTCTCAACGGATGATGCACC  
GCCAGCGCCTCGAGTTCTGAACGAGCAGTTGCCGACGGTGGAGCCGAGCTTCTT  
GAGCGCCAAGTGGCTGGCGTCCCGAGGCCGTGGAAAAGGCTCTGGAGCGGTTGTG  
GTTTCCGCCCCCAGGCATGTGGCGATTCTTAGGCATGCGCACGCCGCGGCC  
AATGCTCCAGCGGGCCTGGATCGTCTCGCATGCAAAAGCGGTCTCCCGCAAG  
CATTGTCAGCTGCTTGAGACCATGGAGAGCAGCTCAGCCAAGCTGCGCGAAGTCT  
CCGCTGTCACTCGTTCGACGGAGGGAGCCACGCCAGGTGCAAGAAAAGCGCGAC  
CAGCTAAACGAAGTGAACACTAAAGTGGCCTGATGCGCGAAGAGCGTGGCTCGCT  
GACCAACATGGTCAAGTCTCGCGAGCCGACTTGGAACAGAACGCGCGAGCTGG  
GTCGCTTGACTGGCATCTGGACCAATCCGAGCGGCCGCGCAGTTGGCAGGTG  
GCTGAAAAGGTGCGGAGATGCTGGGGAAATCTGGTTGAAGAACGCTGGCCCTTGCA  
GTCCGATGCCGTGGCAGAGGCATGACCCGTGGAATTGCGCCATGGCTACCGCA  
GCGACTACTTGCGGGACGTACAATCAATGAGGACGGCGCTGTTGAACGGCTCC  
CCAGACGGCGAGATCTACGTCAATAACGACCTGCGGCCGAAAAGCAAATCTT  
TACCCAAGCGTTTTTCAAGCCATCGCTGAAGTGTCCGAGCGCACCTCCCTTGTT  
GTGGACACCCCGTTGGCGTCTGGACGAGAACCATCGACTGAACGTGCTGAAACA  
CATCACCAGCCGAAAGGGCAGGTCAATTGATCTACGGATACAGAGGTGGTC  
GTCAGTTCTGCCGCGATACGCCAAGGTGCTAAGTTCTACATCATCGAAACA  
AGGTAGAGGGTGGCGTGGCTCGTAGCTGGTGCAGGAAGGCTATTGACGGCAA  
GGAGTCTGAGATGAGCAATGGAACAAACGACTATCTGACCCCTAGAAGTGATTGCCG  
GCACGGCCTTCGCTCGACCGCTGACACGGATGAACGTCTCAGCGAGTCAGAC  
GACTTGGTTGGCTTCAACATCCCTGCAAGACTGGCATTAGCCGCTTTGG

CCATACCTGCGTGCCTCCAAGGTGGAGGGCGAGGTGGGCCGGTTATCAAGGGC  
GACGTACTGTTGGACGGGGCTGACCTAGCCAGTTGGGTGTCGCTCCTTATCGAG  
CATGCTGGCAGTCGCTACCACATCAAGGATCTGCAAAGCGTCGTCAGCGACACTGG  
GCCAGGGGAATGAAGATTCTGTCTGAAGAGCTCGATGCTCCGATGGTGATAATTCC  
GAGTTCTGGCGCCGTCTGGCTGAGAGCGCGTGCAGAGGTGACGGAGAACGCTCG  
TAGTGGAACTTCCCCAGTCGTGGCAGAGACATCGCGGCCCGTCCCCGTGCGCAT  
GGGTGAAATCGGCCACGACGTTCGAGCAATGAAGAAGTTACTTGGACGCTCAATG  
CTCCAGGAGGCAGTCCTCATAGCGCTTCATGGCGGCGTGGCAGTGGTAAGACC  
CGGACGGCTGCTTGTCTGAGGTCTATCGCTGAGCAGACCAACGTCCCCTGTTG  
GCGTTGACTTCAAGGGGACATGGCGACAAGCACAAACGCGTGGACAAAGCCTT  
CGGCGCGGTCGTTCTTCGCCCGAACATCACTATTCCGCTGGACGTGTTGCCCT  
GTCAGACAACAGCAAGCATGGAGTAGTCAATACCGCACAGCGCTGCGAGACAGCC  
TGAGCAATCTTAAGCAAAACAAGCTTGGAGACCAGCAGCGCCGCAGGCTCAATGAT  
GCCTTGGAGGAGGCGTTGCGCACTCGCCATCCCTGCACGCTGGAAGACGTGAAAGA  
GTGTCTTGAGAACGTCTACGCGGCTGCCGGGTCAAGGAAGATGGCGCAGTCTCCA  
TGCTGGTGGATCTGTGCAGGCTTCCGCTTTGAGCCCAAGATGACGCCAGAGGAGT  
TCTTTCCCGGTCTTGATCATCTCGTTGCCGCCAGTGTCCCAGAACACTCGTCGAGT  
GACTGTTGTGGCGTTGTGACGGATGCCTGGAGCGCTTATCAACTCTAACAGCAAGA  
TTCGGACACCGATGCCGAAGGCAATCGCTCGCTCCGCATTATGTGTGTCATCGATGA  
GGCTCACCGCGCTCTGGAAGCCAGGCTCCAGGTTGCGAACCTCATCCGGCTTGG  
CCGTCGAAGGGTGCAGGCCGTATGCTCATCTCGCAGAACCGGACGATTCGAGG  
GCGAGGACGACGATTCTGCGGAGATGGGGCTCTGGTGTGCTTGGAAACAAATG  
CACGAGAGGCTCGGTCAAGCGCATCTGGGGCAGGGCGTCGGTACCTCCCTC  
AAGAAGGGCGAAGCTTATGTCGCGCCCGCGACATGAAGTCGCGCAAGGTGTT  
GGCATGGAAGTACCGGTAAAATCAGACTCGCTTGTGCTCGTCACTGTTCTG  
AGTCAGAGGCAGGATAAAGCCTGCTCGGAACCACCAAGCCATTGATGCGAGGC  
ATCCACCGAGCACCTCTTAGAGCCCATCAGGCCAAACTCGAAAGCTGCGCCCAACT  
CATTGAACAAAGGGCCCAGCATGTCGAGTTGTCGTCACTGTCACCGACGAGC  
GCCTCTGAGCCGTTACGGTGCTAACGTGATCCAGTATGGCATTCAGCTCCGAA  
GTTTCCGAGCTTTAGCACCAAGGACGAGGAAGTCAATGGCTGACTACAGAAAGAA  
ACTCACGCTTATCGACTCTAGTGCCTCGAGAGTCATGGTCTTCAGTGCATAAGTCT  
GAGAGGAAGTCTTCGTAAAACACTATCAGGATGATGGAACCTACCGCCTGGCCAA  
GGAGACTGTGGTGGTGGCACCCAGATAAGACTCCTAAAATCCTCATATTGCTGT  
GCAATCTGAGCAGGTCTACGAGGTTTCGGTCAGCCAAACATCTCTGGTCTTATGC  
ATTCTATTCCGACCCGAAAGGAAAGGTCTGGTATTGCCAATCAGTCAGGAAGAGC  
GTACCGTCCTCAAGGAGGCCAAGAGGAAGGCAAGACCTCCGTGACGCACTCGTG  
GAGTTGAGCAAGAGGGCTTTAGCTCATCGTCGGATTCTAAAGCATCCGATT  
GCGTCTGGATATCGCAAGGTTGCGGGTAGCAGGCCCTGTTGGATGCTCTAAGGATA  
GAACCTCGATGCATCTGACAGCTGTGAAGCGAACTGGCCCCGCTGGTAGCGCGGCA  
AGTCCACGTTGGCTGATAGAGCTCAAGGCGTGATCTGCTGCGCGTCACCT

GGGGCTTCTTGTGGAGGTAGTGCGCTGCAGCACCTGGACCCGGTCGCGGGGATCG  
GTGCTGTGCCGGTACCAGGGCAATCTCCTCTCCGAACGTCTGGACATCGAGC  
TCCGTGCCAGCGTATGGCGGAAGGCATGGAACCCGATGCCTTGGGGAAAGCCGAG  
GCTCTTCAGGTAGGCCAAAGTCCACCACGAACACTGTTGGCTGTAACGCGCATTGGT  
TTCCCCTGTCGTGCCGGTACCCCCAGCAGAGAGC

>CONTIG\_65\_length\_6662\_cov\_15.113542

AAATGGCGAAAAGCAGAAGATCAAACGCGGCTCTCCAGAACAAATGCCATATCCCG  
TACTGTCAAGGCTCCTTGTTCAGACCTCCCTAGGTCAAATTCCGAGACATCCGCG  
CGTGATAAGCCGCCATTGCGCATGATGTAGCGAGAAATAGGAGCGCAGCAGCATT  
CCGGTTAGCACTGGCAGGCCTGGAGTTGGGGCACAGAGGTATCATGCTCATCTGAA  
TCCGGAAGCTAGGCAAGCGGCAGCATTGAGCTCAGGGTGCTGCCCTGGCAGG  
TGACACTAAACTCTGCACTCCGATCCTGGTGGGCTGTAGAACTGCCGATACCACC  
GGTAAGCGATGGCTGGCCCACGTTGCTCTCAGTGCATGCAGGCAATCCGGCTTGGT  
CCCCATACCCGCCGTGGCGTGCACCCCTGGCTGACCCGTGCACGTAACGGAGGGG  
ATGGAAGAAACCATGCGGTGCTGCCACTCCCAGTGGTAGGGATTGTTGTTTC  
CCAACCAAGTCTGAGGCGCAGGCCCTGGGACAAACGCCATGGAAGTGCCCTCACC  
GGTCGAGTTGAGTCGCACTGCACTGCCATGTTAGACACGCATTGAAAGTCGTA  
GGAGTAGGCGTAGTTGATGTTCCAACGTCTCCAACGCGTTGCACTGCTCTGCGTA  
GCTCGCTGACTCGCTGACGTTGCCGGCCAGTCCCTGGATCGGGCAGGGTCTC  
CACCGGGTCACCGAACGTTCAATGCCATTGCAAGCCGTGCACTCCGCTGA  
AGTCAAACGAACCAACTGCGTCTGGATACCAGTATTGGTTGCTGAAGACCCGACG  
CAGGTGGAAGATCCACATAATCTGAGGAATACCACGCCAACCTGTAAGGCTTCCG  
TCACTGCACCGCGGGTTGTGGAACGCACGTATTGACCGGATTGCGCCGGTGGCG  
GTATCCGACCAGGCGGACCATCCGCCACGGTGGCGATGGAGCCGTGGTGCCTCC  
AGCAGGGCAGGCATAGGTGATGTCCTGGACTATGGACCTGCTCCATTCCGCGACA  
CGTTCCGTTCATCCCGAACGGCACGACCCCGTGCAGGGTACCCACTGGCCTGCG  
TTGCCGCTCGTGGTGGGCATGCCCTGGCAGCTGCTGGCAATCGTGCCTCACCA  
AACAGGGCTGACCCACGCCCTGGATGCCAACGCCCGTGGTGGGATCA  
ACGCCTGGTCCGGACAGACGGTGCAGGTGCAAGCGTTCCGCCCCACGTTCC  
GCCGGCACGTGCTCGTCTGCGTCTGTGCCCTGCCTGCTGCAAGGCACCAAGGCC  
GGTGGCAGCGGGTAGGGAAGGCCATGGCGAGGGCTGCGGCACCCAGGGGATCG  
ACGCGGCCGGGGCAGGGCTGGACTGCAGGAGGAGCCGGAGGCACACGCCGGG  
CAAAGGAGCGCCTGGTGCGCCGGCAACGCATGCCAACGTCTGGCGCCAGC  
TCGGACCAACCGCATGCCCTGGGGGATCAAGGAAAGAACGGCCGGTGGAAC  
GGGTAGATCAATAAGGGCGGCCACAGAGGCCACCGCCGGCTAACGGAGTAGTAA  
AGCACCTCCAGTCGCTGCCCTCCTCACACGCCGGCCAGTGTGGCACGTCC  
AGCTGCCCGCCCGTGTTCGCTCGACTGGTGTCCACGATCACGTCCAGCACG  
GTGGGATCACCGGCCATGTCGAAAGGAAGGGCGCGCAGGCGCGAGGCACGC  
CGGTGAATGCCACTGTGTAGCTGTCGAAACGGTAGTCGGTGTGATGG

CGATGGGCCGCCCCAAGCGTTGGTCAGCGCCGACACAGACGACGCTTCCGGAAA  
TCAGTGGGGCCAGGTGTCCTCACCACGCTGACGCACTGACGTTCGATAGGTG  
CCAATGACGCCGTAGGACCGGTCTATCGCCTGGACAAGGGCGCAAGTTCTCCAC  
GTCCGTTGCTACAAACACGCCTTGAACCCGGGATAGAAGATCAGAGCTGCAG  
CTCCTATGGCTGCGCTTGCCTGGCAGCGATGAGCAGTCTACCAGGGAAAACCGT  
GGGAAGGAAGGGCGACGGCGTGGAAAGAGGCTGTTCATGCTGTCCAGCATG  
TGACAGGAGACGGATTGGCAAGTCCCTCCCGCATTGGATGTTTAGTCAAATAT  
CTTCAAATCAGTGGTTGACAATCGTTGTGCATGGTGCATGGTTGAGTCGGT  
TTAATGGGTAAATCGATCAACTCATAAAAAGGATGCACCATGAAGGTATTACGAT  
GAGCTCGATCGACCGATCACTGATGTGGCGTCTGGTCAACAAGCGGCAGCGCTCG  
GACGTGCGATCGTCAAACGGCTTGGACCGTCTGGTCAACAAGCGGCAGCGCTCG  
TCCGTTGGCCGCCAAAGCCCGCCGAGCGCCGCTGGAAAGAACGAACGGAGCGG  
TTCGCATGAGCGCCTCAACCGAGAACCTCATCCGGCCATCCAAACGAACGATGCG  
ATCGCCTCTACGGCTGGCTGCACGTGCTCAAGGGGACGCCAGACCTGGATGCCGG  
GGTGGCCTGTGACCCAGGCATCACCCCTGGCGGTGGCTGCGGTATGTATGCCAA  
CGTGCCTAAGGCAGACGCCACCAAGCAGGCCGTATGCGGCCATGGTTGAGCGC  
TTCTGGACGCCGGAGCCAATCCCCTGGTGCAGGATCGGTGAGCGGTTGCGTTAAGA  
GGAACCACCTGGAAAGCTGGAACAGCGCCGTAGCCGATGGTAAGACGCTGGCT  
GAAGTCTGCGAGGGCGTTCTGCCCCGCCATGCAGGCCTGGTTGCACGGTATAACC  
GTGGACCGGATGAACACCGAACTCCACCGACACCACCCGGCGTCTCGCCGCCAAA  
ACGGCACATAGCGGAAGTCGATGAAGCCAGAGTCGGCGCTGCTCGCCGCCAAA  
AGCGTTGGGAAGAAAAGCGGGGTGGCCGCGCTCCGCCGGGCTGGTGGCGC  
TGAACCCCAGACGTCTGCATGGCTACAACCCCTAGCTGCACGCCCTGCGGGAAAT  
AGGTTGCACAGTAGTGTGTTGCATAACCTACCCATAAAAGGAATCAAAGCGATGC  
GAUTGGTTGTCTGTTGCTCAAAGGGCGTGGCCGCACTACGCTTCGCTCAATC  
TCGCGGCCGGCGTTCGCCGCCAATCCCGCGTCTGGTCAACGACCGTACCCGCAAT  
GCGGTTCCGTCGCATAGGCCGCGCTCTGACGAAACGCCGTTACCGTCGGTCGTT  
CCTCCTCCCCAGGGTTTGACCTGGAGATTCAAGGACCTGCCGCCAGCGCCCCGGTGA  
AAGATCAGCTCCAGACCGGGATCTCTACATCGTCCGACTCTGCTCGATGGTGGCA  
GTTTGTGGTGTATCTACGCACGATTGACACCCCTGCAGCGACAGGGCAAGGCCTCC  
TGCCAGTGGCAATCGGGTCAACATGAAGCGTGCAGAACACCGCCGCCGGCTGGCA  
GACCCGAGCCTGGCGGGCCATCGTCATCCCCGAGCGTGCAGGCCCTGGCGAGCTA  
CTACGAGCTGGCGAAACGGTCTCAGCATGAGAGGCGCAGCGTAGAAAAGGCGC  
GGGAGGACATTGAGGGTGGGTGGAGCTATCCAAAAAAGGTTGACCGACGCGCGG  
GGGACTGCATGATGGAGGCCCGTTGCTACCCCTGCCTGACCTCATGGCTGCCAAGA  
AGTCCCCACACAGAAATCCACGCCAAGAACGTTGCCGCCCAAGAACCTGGCA  
ACCGCCGCCAAGGTGGTGCATTCCAAGCGAAGCGGAATACGCGCCACTCATCAA  
CCTAAGGCAGTTCTCCGAAGAGGAGCTGGCGAGCTGATGGTGGCCGCCGGCGATG  
CTTGGGTGCGAGAACGTATTCGACTACAGCGAAGAGGCGCCCTACACTCGATCCG  
GGCAGAGGATCTATCTGGAGGTGGCCGCGATTCAACGATGTTGACTACCGCGAC

GAGAACGGGACCGTGTGGAGCGAACGATGGTCACCGTGCCGCCAAGCTCCCGA  
GCAGATTCAAGGACGTACCGGGGAAGAGCAGCCTATCGTTACCACAGCGATCATCG  
CGTTGGCTTCCCTGGGCCTGCCAGGAGCTAAAAAGAGCAAGCGCGCTGGTGGTC  
ACAACAGCAGCCGATGACCTGGATCCGGTGCAGCAAGCAGGTCCCGAAGGGCGATTGT  
TGGACAAGCGCGGAAGAAGAAGTAAAACGAACCATTAGGGGGCAGCTTAAAGGG  
CAGGTATGAAGAAGCAGTTGGAAAGAACGCAAAGCCGCCTGCATAGAGGGAGGAT  
CAAGGCCTTGTAAAGTCGTGCGATGGTTAGATGTTGAGCATAAGGCTCGTCGACT  
TTCAACGAGGCCAAGGCTTGAGTGTGGCAACTGGCAGTATTTACTGTCTAG  
CCAAAGGGACGTGCCAGCACTGAAGAGTGCTTATGCAGACTCCGTTCTAAACACCG  
TTTGGATCATCATTGGCGGTAGGTCTCTCAACGTCGATTATCTGGATAAAGACCA  
GAAGGATGCTTCTCTGAAGACGGAGGCCAGCTCTGGTTCTCACAAAGACGCAACA  
GGAAGCATCACGGTGTTCATGTCGCCCTACAAATCCAAGCACATGAGGATGAATGA  
GAATGAGTTAATTCTTGCTCGCATGGCTGCGAACAAAGCCTCACGGAGAGAAAGCT  
CCGAAAGCATTCAAGACGTTCTCCGATATTGGCTGTACAAGTTGTACCGGTGA  
CCTTGGCATTCGTGGCTACCTGTTAGGGTGAGATTGCGCATGAATGACCGACGTT  
CGCGACCGAGTGGGCATCAAACGCTCATAAGGTCTATGTCGGTCTTTGGCCCT  
GATGGGGCTCTTGCACGCTTACACGGGAACAGGTTGAATTGGCTAACAAAGG  
TATTCGGGTGACGACTACTGTCAAGCAGAACTGGATGTCAGTATGGTGA  
CGAGCCTCGTCATCAGCTAGTTGAGGTACCTTGGCCTGGAGGCGACCTCGGTA  
ATGCCCGTCCATTACCACTGTGCTCTCCGAGCACGACGCTGCCATGCTCTGGC  
GTCCGATAGTCGATTATCCACCAGCATGAAAACGCCACCGCAGTCCAGCGAGGT  
CACGACTTCGTCTATCAAGGCCTGCGCTACCAAGTGAAGGGAAACCGCCCCAGTGG  
GAAGAAAGGGAGCACGGTCACTGGGTGTCAGGCCAGGAAACTACAATTGGGACC  
GGTTGGTTGGTACTTACAACCCGCCTACAAGGTCCAGGAAGCCTGGCTCTGGG  
AGGTGGGGACTACAAGGCACGGTTGATGCAATACAGCGACTAGGGCCCGCAC  
ATGCGTCTGGTCATCCGGTGGCCAGTCAGCTGAACCCACAACATCGCGTGTTC  
TGGAGGACGGACTGGTGCCGTCTTTTGCTGGCTTCCGGTTGGCTGAAAAGGGCAG  
GTGCCCTTGGGCAGATGAGCTGGACTGGAGTGAGAGAGGGAAAGCGGTGGCTGG  
GGCGGAAGCCCTGGCCTGTGCCTTCCCGGAATAGGGCTTACAGGCGCGCG  
CCGCCCGTTCTTTAAGCTTTAAGCAAAAGGCAAAGTAAAAGCGGCTAGAGC  
AAAAGCGTCTGGATGAAAAGGCGGGAGGGAGTGGCGCAGCAGCCACTGAATGGT  
GTATCAAGATCGGCACCATAAGCTAAGGATGGACATGAAGCAGATTTGGCGTT  
AGGTATGCATGCCGCTCGAGCGGGAAATACGAGGCCTGGGTGGTAGCCGGCATTGA  
GAGCTACCTGAAGAGTGCGGCTCGACGCCATCTGGCCATCGGATCTTCCA  
GGAGAACGGTCTGGCCCGGGATGAGAACGCTCTCAGTCGGTCAAAGATCGTGGG  
TGCAGTTCAAGCGAGCCAAGCTGCCACAGCGGAGCAGTGGAAAAGATCGTCTG  
AAATGGACCTTGACCAGCCGGCCAGCTCGCTGGTGGAGTTCTACGGTCCAGGCG  
GATCTTCTATTGTTGCCTACCTCATCAATCGTGTACGGTCCAGGCGCTGCAC  
CACTGCCTGTTCTGGCGGCCTGATCCGGCCATCGAATAACAATGCCTGGTATGAC  
AACAAACAGCAAAAGGTGGAAACGCCATATAAGAACGTTGGATGAGAGCATGCGCT

GGGGTCTCTTCGAACGCCTGATGTATTGCGATATCGGTAAAGAAGATAAGGTGGCG  
GTGGAGACATAGATAACCTTACGGCAAAGATCACCACCGCTTCTACCAGCGCAGACAG  
CTCCTAACGGCGCTGAAGAGCGAGCAGGAGGGCGATCTGAAGGTGAGGATTGATA  
CGCCCAGGGTTCCGTAGACACTCAAGACCCCTCGTGCACGCCGTTCAAACCTC  
TACAGGGGACAGGTCGCCAGTTGAACCGTGGCACGGTTGGGTTGAGAACATCT  
CGATGTAGT

>CONTIG\_66\_length\_6574\_cov\_18.246316

AGTCGTTGCGGTCTATCCGCTTGTATGTCGCCAAGGCGGGTCAGCGCGGGCAG  
TTGAGCAGCTCATGGAGTTTGCACGCAGAGGATGACGAGGCATTGGTGCCTGCTG  
CCAGGCACGGGCATACGGAGTGCCTCAAACGACTGCTCAAAGAGTCAGCCCTCTG  
CAACACGACTCACTGGCGCTGTATGAGGCAGCGCCATGGTCACGCTGATGTGGT  
CTTCAGTTGGTATTTCAGACGCCAAGGCCAGGACAGCAGGGCCCTGCTCGC  
CGCTTGTGGGAAGGCCACTGGATGTAATCAAGCATTGTCCTTCTCATCGAA  
GATCCAATGTGCGCAGCGTGGCTTACAGCTGCCGAGAACACCATGCCGAGG  
TCATTGAGTTCTGATCGAAGCTGGCCTCCGGATCCGGAAAGACACGTTTCGTTGG  
GTCTCAACGCTGCCGCCCTCAAGGGATATGCAACTTGGTGCAGACTCTGCTTGGG  
CGATCGTCGAACAGGGCATGCACCCCGTATTGGTCGGAAAGCGATGCTCACTG  
CGGCAACTGCTGGCAATGCCCAATCGTCAAGTCGGTTGCAGCGCTCGAAATGACCACCGTGAGGTG  
CGGGATATTCTTGTGTCGGGCCATGTGGAACACACGTGCAGGGATTGATCACCGAC  
GAAGAGATCGAAGCCAAGCTTGTGAGCGATTGCCAGAGAGTTGCGCAGAGTAATACGTCCA  
GCACAGAGAGCTTCAATCCAATGAGCGCCAGAGAGTTGCGCAGAGTAATACGTCCA  
GTTCAAGTAGAGAAGCACCCAGCACCGCACACGCTGTAAGCGAGTGCTGTAGCA  
TTCCAATAAGCATGCCACTTGTAAATGAGAAAAATGGTGGTGCAGCGCTCTGCAACCA  
ATTGGAGCGGCCAGCTGTGACGACTGCTGAGATATGATAAAATTGAATTGCCA  
AGAGATTTTTGTGCTACTGCGTGGAAACAAGTAATTTAGGAGATTGAGATGA  
GCGATAGTCATAATGATTGGTAATGAGGGTTCGAATACTCAGCGTCGTTGAG  
AGGGACTGAGGAGCTGATGTCGCTGGACGACTATCGCAAACCTCAGAGCTGAGAGG  
AAGCGGCTCGTGAAGAAAATGTGGAGGTTGGCAAAAGCTCTGAGGTAAAGCCAAA  
GAAAACAATTCTTAGCCGAAGAGAGACGGCGATCGTTGATGGATCAACCTGAGGG  
AATGACGTGAAAATCTATCATGTGACAACGACTGCAGACGCACGGTATCAACTCGA  
CGACTTGGAGGTATGAAGACTAAGACATTGGATCTGATGCGCAACGCCCTCG  
TAAACGAGCTCCTGACGATGCTGAAGCGCTTCTGAAAATCCAGGCCGGGGAAAA  
ATTAATAAAATTGGTGGAAATATTTTCAAGACAATCTTCTCCTAAAACGTGGTGGC  
ATATGCCCTCGAGATTGATGAGGTAAATGCGGTCGTTATGTTCTGGTTTGAAA  
AATAAGTTGTAATTGATGGCTGTTAATGGGTGATGTATTAATCAACAGTAAGACT  
GACTTGGCTGATTGCATTAAGGTTTTAAAACAGGGTGAGCACGGGGAGT  
AACGCCACCATCAACGCCGTGCCAGTGAAACAAACGCTGTCGCCGACAAGCAAAT  
GCTCTGGTCCGTAGACACTGTTGCATGAAAGAAAACATCACCCCTGATCAGAAGTGA

TAAAGCCAAATTCTTATGGTCAAATATCGTCGAACCTTCCCAGCTCACGATGAG  
CTAAGCTGAATAACAGGTCCCCACAAGATTGACGAGTTGATCAGCTGTAGGGCGCT  
CGTTAGGATTCAAGCTTAGGCATGACATTGCCAGTCAGTCAGGAAACAGCATCCGGCACAGCTCTAG  
CGCAAATTGTGGATTCCGAGTCACGTGGTCAGGAACAGCATCCGGCACAGCTCTAG  
GATTTTCTCACCGCTTCAAGCCTCTCCAAAAGGCAAGATGCCGGTTGAGATATG  
GAAGAGCATAGCCCCGACTGACCATATGTCTGCCTAGTCGTGATCTCTTGGCGT  
CTCTATTGCTCTGGAGCCATATAAGGGAGAGCACCAACAGCCGTGTTGGATAGCAG  
CATTGTTCAAGGCCAGCTGCTGCCTCGAGCACATCGCTAGCCATTTCGC  
AATTCCGAAGTCGTAATCTTGATTCGATCAGATCAAATGCCCGCATCATGAT  
GTTAGTAGGTTTAGATCGCGGTGATTACTTTGCATGATGGGCAGCAGATAACCC  
TTTCGATATATGATGGAATAGCTTAGCGGTGAGGTATGGTCAGGGTTAGAGCATGA  
GTTCAAGCGATTTGTAAGTCTGCTTCAATAAACTCTTCATCAAACAAATTCT  
TTTCCTCCTCGTTACATAGTCAGCGTTGGCAACGTTGGATGATTGACCTGCG  
CTGCAACTACAGCGCTCGCTGAATCGTTGCTGCCAACTGTTTCGGTGT  
TAGCGCAACAATTCTGCTGTTAGGGTGTGGTAGCAGCAGATAACAAACTGCATGCC  
GCCCTCGGCATGGAATTGTTACTCGATATCGACCGCCAACATTTCATCAGCG  
CAGCGGTCCATTACGATTACCTCCGGTGCAGACATCAAAGTCAGGAATAT  
GCGTGTGGCACCTCTGGTGGTGCACCTAGAGCAATGACGCAAGACCCGGTAGTTC  
TTGTCCTTGACTGCTGGTCATAATTAAATAGACGTACCTCGACTTCCCCTGCA  
AAGAAAATAGGCCGTATCTTATGGTGTGACCGCCACGCCATCCAGTTGCC  
CGAACTGCCCTCTCGCTATGTAGATAAGACGCTCTCCCTGTGGACTAACAGC  
GCTCGATGGCGATTCCTCAGAAGATCTTGGCTAAGGTCTCCCTCACTGGGTATA  
GTGGGGCGAGCATTAACTCGACAGCGAGGCAGGACTCGATCACTCTTAGTGC  
ATCGGGTAATCCGATTAAATTCAAGAGAATTGGCAGGCAGGTCAACGGGGC  
GTGTTGGTTCTGCATGTGTTGGAAAGGCTGCCAGCAATTATATGAAATGCAGTAG  
CGCCAAACCCATAAACATCTACAGCTGCTGTGAACCTTGATTGTCATCAAAGTT  
CTGGTGGCAAACCCGAAGGTCCCCACAAATCCATTGTAGAGGCGCTCGTCC  
CATCTCTGGCAAGCCAAAGTCAAAATTTCATTACACCTCCAGGTGTTAAT  
GTTATTGGGTTATGTCGCGATGAATGACGCCGGCTGTGTATATCTCAATGCC  
GACGCAATTGCCACAATTGCTGCAAAGTTGCCAGAAGATAATGTCAATCTGGC  
GTGTCCTAGGTCTGAACCTCCACATATTCTGAACTATTCTTGCCTTCC  
CTCTGATGATGTCGTAGACCTGCACCACGTGTTGATCGGAGCTCAGAAGAGCG  
CGACCTCATCAATGATACGTCGTTCTTGTGAATGACTTTATCGCAAC  
TTTCGCTCTAAGGTTGGTCAGCAAAGGTGCACTGAGCCCATTCCACCATCC  
AGCAGGTCCAAAATTGATAGCGATCTGGAAACATCCTAATTCCCTCAGTC  
TAGAATTAATCATCTTCACAGATGAGAAGTCAGCTCTAACCCAGGC  
TCATCGATTCCAGTTCCGGACTTTCTGCGCGCTCGAAGAAACTTTGC  
TGCTGGAAGTTTCGCTGTTGCGAGACTCCTGTCTCAGGTGACGCAGTC  
CCTAACAGCACTGTTGCTGGCTATTGTCGGCGGATCTTAAAGAATTAGGC  
TTCTGCAGCAGGTTGTGCTTTGCTAATCTGGTTAAGGCTGTTGCAGGATGT

AAATATAACTGCCCAAGTGAATCCCAAAGTTCTAGATTGAGCTGCCGAATCGGGT  
ATGGGCGTGAATCTAATGGCAAAGTTGCAACTATAGCGGTAGAGTTATCTGGACC  
CCCCGCCCATCGGAAAGTCGACTAACCGTAGCTACGATACCTCGTCTGACC  
TATGGCTTATTAAAGTTATTAAATGACAAAAGCTTGCCTCATGAGACGTGAAGTA  
AACTCCGTCCGTGCATAAAACTAAACGATGTGGTCTGCTGCAAAGCGCTGAT  
CTGCAGATCTAATGGAGACTGCATGCCATATTGAAGCAATTGCACTGCTCTGA  
GTTGTTTCCCTTGTGCCAAGTTGCCATGCAATTGTGTCATCTTGGATATTGG  
ACAGAAGCTTCTCGGAGAATGCATAAATCCGACTATCTCAACGCTGATCCAACCT  
GATTTCTACTTCACTTCAAAGCTGCAACTAAGGTGCTCCGCCTTACCTCGT  
AAAGATCACGAACATTGGTTAGACGCATGAGGCCCTGTTCAAGCCAAGAGAGG  
GGGTCGCTAGTGCCAATTGCGCGTGTTCATGGACCGTAGCAAATAGCGCTGCAATC  
GCGGTTGCAGCGCACTCCATCCCGTCCCGCATCCCACCGATGCCATCAGCCAGAGCA  
AGTATGAAATAAGAATTGCCATATTGTCAGCGCCTCTACAAATAGCAGAGCGGTCT  
TCGTTATGTTGTCGCTAAGACCAACATCGGTGGCAATTCTATGTTAACCGGAGCG  
GTCTTCCTTGAGCCATTCCGGAGCGGGTCGCGGAGAAGCCAGCGCGCAAGTTGGAG  
TGAAAGGCCGCTCGATTGTAGTTCATAGTTTAGAGTTGAAGCCATGCTCCGGAT  
CATAGTCGATTGGCTAGGGTGGTTGGCGACTTGACTGAAAGCGTGCTCAAC  
TGTTGAGCAACGTGCTGCGCTGTGTTGGCGTTGTCATGGCTATAAACCCCTC  
TCGAACCTGGTGCCTAGCTGAGTCTTATGGATACATCCTGCTCCCTCAACCTCT  
CCTGAACTGCCCGCAGCTAGCTCGGTAGTGCCTGACGGCTGATACTGAGCCA  
GCGCCTCGATCTGGATCTTCCGAACATTCCCTGATGACTGTGGACATAGTTGCTTG  
GAGCACCGGAGCCTCTTGGCTGAGCTCTGTGGCAAGCGTATGCCGAACCGTGAGATCC  
AATGCCTTGCCAAAGCTAAGCCCTCAAGTAGGCTGCAAATTGGTCACGAAGCC  
TTGGCTGTAGGCCCGTTGGTTCAACCGTCTTGCAGGACAGGTGCTGACAGGTT  
GGGAAGAGACGCTTGTGGCCACTTGCTTGATGTCCGCCAGGAAGTCAAGTAAGC  
CGGCCTGGATGAGGCTTGGGGATCGGCACCTTACGGATCGCACTTGCCTTCA  
GGCTCTGACGGCTTCGCTTGCAGCGCTTGCAGGAGATCTCGCCACGGTCTTCTG  
GATCGAGAAGCACACACGCCCTGGTCTTGCACGATGTGGCCACTTGAGTTGGC  
GATCTCGTTGATCCGAGCACCGTGAAGGGCAATGAGCGGACACCACCAACGGT  
GCGGATACTCTGGCCAAGGCAGGAAGGTCTGGGGTGAAGATCTCTGGATT  
CCTCTGCGAGAGTAGACGCTCGGGCTCGTCTGATCAGCGAGTAGCTCTCTGG  
CAGGCTGAATGCATCCATCGGCAGTGCAGGATGGCATGCGCTTGGCTAGCGTGT  
TGAAGAAGGAGGCAGGAAGCGCCGGTGCAGTTCAATGTAGCGTTGGCAGGCTGC  
GCCCGGCCAGACGTTGACCTTGGCGATCAAGGCTCGACGCTCAACCACTGATGC  
TTGGGGTTGGTCAAGTCTTGGGTGCCATCGCAGCAGATCCCACATCTGGTAG  
ATATGCGTGTGATCAATCCGGCAACGGACGTGTTGCCACTCACCGCTGCAAATG  
GCAAGCGTTGACGATAAGCTCGATCGTGGTGGTGCAGGTTCTGCCGCTCCTG  
TCTTGAGGAAGTCGTCGACCTCTCAGAGAGGAGTCGCGCCGGGTGGCCAAGGG  
CAGGGGCTCAGGATAGCGAGTTCCGGATCGCGAAGTCGTCGAGCTTCATGATG

GTCGTAGGTCCCTGGACCAGGTCTGAAGGTGAAGCGCGCCGGCTGGTCTTGAAC  
GACCATATCTGTAAATTGACTTGCCTGCGATGCGAATGCTCGGATGGATAACTGACC  
TTTGGGCTGTTGCAAATATTGATGAAGTTGGAGTGTAAAGTGCATCTACGATCC  
AATTATGAGGAGGTAGACGTTGATA

>CONTIG\_67\_length\_6487\_cov\_292.220440

ATTCGTCTATCGATGGGAGCTCTGAACGATGACGGCCTCCGGGTGCGCACAGCCG  
GGGAGGGCCGTAGAGGAACGTGCTCCAAGGATTGGACGGCGGTGCCTCCGCTTGAA  
GGTTTCCTCTGGCTGTAGACGATCAGTGCGCCGGACGCCAGGCATTGCAAAC  
ATTCCGTGGCGACCAGCGATCGTCCCAAGGGTTGGCTCATCAGCCCTGCGAG  
CAGTTGCCAGCGATTCGAGTTGGATGGGTGGTCATGAAAACCTCCTACGTG  
TGTGGGTAAGTCCCCATCCAACCAAGAATTGCCGCTCCGCAAGAGCTCGCTCGGG  
CGCCATTTCACAAATTGAATACGAGTCGAAATCTGATAGCTGATATGCAATTGAC  
GATGGAGGTGTCGGAATGCCGCTGGCTCTCGTTTGCAGACGCAGGCGGGC  
GGCTGGCGAGACAAACGAAGTCTCAAGCTGGGCGGTGATCTCGGCTTGC  
GAGGTGCTGACCGGCCAGCTGCCGGTCTTCACTGCGTGGTAGCAGGTCGAGTC  
TTCACCATGTTGAGCACGCCGGGTTGCAGACGCGGTAGTGGTAGTGCAGAAC  
GGCCCGTCGTCTCACTGCTTCGAGTAGCGGACCGCAGAGCTGACTCAGGCCAAGT  
GGTAGCGTCGCCGAACGAGAAGCGTCATGCGCTGGGACCGCCATCCGAGCTG  
AGCATCTGAAACCGTTGAGTGCAGGCTCGGGACGATTGAGGGTTGGACTGAA  
GGCATGCGCGCGTCCACCGATCTCGATGGCAGTCCAACCCCTGAGCCAGACC  
CGCCGAAGCGAACCTCGTTCTCGGGACCCCTGGTCCACTGAGGCCGAGATG  
CGCTGCCGAACCAATTGTAGGGCGGGTCAAAAGCCCTACCCAACCGAATGCATC  
TTGCGCACCACTCCGGGTTGCCTGAGAAACGCGGACCAAGACTCCTGAGCTCA  
ACGGCTTGCAGGCTGCCGGAGCGCCCAGAATTCCGTAATTGCTGATTGTATTGGTC  
GCGCGAAAATGTGGCGGGGACGGTTGCAGCAGTAGACACGTAGACACACAAGGGTC  
GTGCGACGGCGCAGTCTGTGAGACGAGATCCGGTACCCCTCAATGCTAGCGTCCCTA  
GGCTGTTCAAGGGCGCACTCTCCCTACGCCAACCGTCATTGGCGGCTGGTCC  
GCGACTTACGAACAAGGAATCGCATGAAATACGAAGAGCTGTCAGAGCTGCGCT  
CATCAAGCTCCTGCAGGATCACGACGCCAGCGTTGACTCAGGGAAGGACGGCA  
TTGTTCTGAACTACACCGGTCGGACCGCTCCTGGCAAATCGCGGCCAGGTGAAAC  
CTCGGATGTTGAGTTCAACAAGCGTGCCTCGGTGGCAGCGCTGAAGAAGAGTGC  
TCAACGAATTGTGGACGGCGAGAACTTGTGACGATGGTTACGCTCTACAAGCATC  
GCGGCCAAGTGGATCTAGTGCAGTGACTGATCCTCCCTATAACACGGCGAGGACTCC  
GCTACAACGACAAATGGATAAAGACCCCTAACGACCCGACATAGGTGATCTGGTT  
GCCAAGGACGACGGTCACGTACAGCAAATGGCTGCCTTACGACGCCCTCGGCTT  
TGGATGATGCGAGAAATGCTCAAGCCTGGCGGGGTGATCGCCTTGTATTGATCAC  
CGAGAGCTTACCGCTGGGATGTTGATGGATGAGATTCCACGAAGAGAATCGC  
ATTGGCATCATCAATTGGCAGAAGAGTTACGCGCCAAGGAATGACCAAAAGCATAT  
TTCTACAGCTACTGAATACTGCTTGGTCTATGCCAAGGATATTGAGCGGGTGC  
GGAC

AATGCCGCTACCTCGAACCGAGACAATGAACACTCGCGATACGGCACCTGGGACGGCG  
ATTCGGACCCTTGGAAAGCCAGGAGACCTGACTGCGCCAGGCATAACCACGCACCC  
ACGATGGTCTACGCCATCCAGTCTCCTTCACTGGCAGTTGACTATCCCTCGCCTG  
GACGCCATTGGCTACCGAGCGTGCCAAGCTAAAAAGCACCTGGAGCAGTGGGG  
AGCAGTTATGCCAGTAGACTTGGGTGACGGGCATCCGCAGGCCTCCTATAAAA  
GGTGCGCCATTCCCGAACAAAAGACTCAAATCGGATCACCCAGTGCTGATAAA  
GGCGCTTAAGGAGTCAACAAAAATCCCGAATCGGCACCTGGGCCAAAGCGCATT  
GGCGCGATGGAGGCCAGGGCACATTGGATGAAGAAATATCTCAAGGATGTGAAG  
CGAGGCATTGTTCTACCACCTACTGGTCTGACGATGACTACGACTCACCTATGGT  
CTAGATGGCGTTCTGTGGATCACACGGAGTCGGGCACAGCCAGGCTGGTGTCAA  
CGAACTTACCGCTGTAGTTGGAAAGGGACACAACACTCCGGACCGTCAAGCCTCTAC  
GTTTGATGAAGAAGATCATGCAGATCTGGTGCAAACCGGACGGTATTGTGATGGAT  
CCCTTGCTGGTCTGGCACTACTGGCATGCGGTCTGAACCTCAATAAAGAGTCA  
GGATCCAACCGACGTTTATTCTCATCGAGCAAGGTAATGATGAGAAAGGGATCA  
CTACGCCAAGACGCTGACAGCGATCGCATCAAGCGGCCATTACTGGGAAGTDDA  
AATCGGGAGATCGAGAGGCCACTTGGTGGCGGCTCCGCTACTTCACGCTGAAGCGC  
GAGAAAGTCGATGCCAACGCAACGCACTGAATGCATTGGCCCAGAAGAGATGATGGACCT  
GCTCTAGTTAGCTACTGGGATCGCAACGATAAGGCCAAGTCTACCTCGGCGGCT  
TCCAGCGGGTGACCACAAGCACTTGTGAATAGTCGAAACGAGGGCTTCTT  
CCTCGTTGGAGTGCACCAGATCAGCCTCGACGCTGACGCGGCCGTTCAAAGA  
GATCGTCCAAGAAGCCAAGACAGCCAATTGGCTGGTGTGTTACCGTCTACGCCGC  
GCTGGCTCCTACACCGCAATGACATTGAGTTCTATCAAATTCCGACAAGGTGCT  
GGAGCACATTGGTTCAATGCCCGGGCGACGCTTACAACACGATGGTGGCATGG  
ATGCAGATTGAACTAAAACCGTCCAAGTCGCGCGCGCAGCAAATTGCTGATCGT  
TACGCTTTTCGCTGGACACTCTTATCGGCCTACCTACAAAGGGAGCTGCGTCGG  
CCCTTTATCAGGCCTGTCGGCTATCACGGCGCTGGGAAGACCCCGGTGCTCGCA  
GAAGCCGTACCCCTGATCGCATGCACATGGCGATGGAACCCATTGTCTTTGGATG  
AGCAAAGCCAAGTCGGTGGTCCAACAGACCTACACAAACTTTCTGGGGCGGGAA  
GTATGCCGGAGTGGTCGACGAGTTCAAGGGTTATCGTGCCTCGCAGCTGGAGCCAAG  
CCTTATGCCGATGGCAACTCTCCCTAATTGTGTTGGCAACCACGGACTGTTAAC  
AACAAAGGAGCAATCAGACGGTGTCTGAACATCTACAAGAAAGACGAGGACCTCTT  
CGCGATCAATCGCGTGGAGCGACTCATTGCCGTGACGCAGGTGGAGTTCGGC  
GTCCCCCTATCATCGTTACGACGAAGGGATAACCTTCCGACCAGCAGACCCAGA  
TTCTGCCAGCTGGAACCCAGAACGCTACCTTGGCCAGCGCACACTCAGGCTTC  
CGTCGGATTGCCAAGACGGTATCGCTCCACAGGAAAGCTGGGTTGACGAAGCA  
GCTGAGGATGATGCCAGTGTGAAGCGTTGAGCTGGCGCAGTGGCGATAC  
GGGATTCCGGACGCCAACGCATTGCCGTACCTTGGTGGATAGCAATGCTGTCAT  
CAAGTCAGAGCTGATCAAGACTTCGATTCAAGCTGACGGCACCACGCGCCAATGG  
AGCGCTGCCATTGACCTTACGATCGCTGAACGATTGAGCAGGAGATTCAAG  
TGCCTGACTCGGATTACGCCAAAGCCATCTATGTCTGTAAGACCAACATTACTG

ACGACGGCGACAAGGATGATCACACCAAGCCTTGAACATCGTAATGCGCCGCCA  
ATCCGCATTGGCGTACCTAGTCGAGCAGAAGAAGGTAGACCAGCCAGGGTGGC  
TATCTATGCCACTGAAAGTTGCCACGGCAACAAGCCGGAGGCAGTGAATCTGTT  
CTCTAGGGGGAGAGCGATTGATGAATTCCAGGCTGGGACTTCCAGCACATCAT  
CTTCAATCAGGGCTTCAGGAGGGATGGGATGACCCGGCTGTTACTTGGCTATGT  
CGATAAGTCCATGGATCCCAGATTAAGGTGGAACAGATCATCGGACGGTGCTCC  
GTCAATAACGACGCCAACGCACTACGATTCTCCGTTGCTGAATAGTGCCTACTTCTT  
GCGCGTCGACAAGAAAAACGTTTACCGAATCCATTGAGGCAGTGCCTGCCAAGC  
TTCAGGAATCTGGGCTGCCATCGAGATTGTCAAACATTGGTGGTGGTACGGCG  
GCTCCGAAGACATCAGTCCTAGGGACAATGTGTCGGTGGTCCATCAAGTTCACG  
CCGACGCGGGTGACGCTGTGGAGGCCATTGCTCAGTTGGTGGCCAAGTTCCGACCT  
TTAAGGAAGGAGAGGTGATAACCCACGGCGATGCCACAATAAGACCGAATTGGTG  
GTGATTCTGACCTCGACAAGGAAAGCGGCCACGACTGGATGGTAAACGGACGCGC  
TAACCGCGTGCCTGCGCTGGCTGGTGGAGCAATGCCATCCGGAGTCGCTCCGAGC  
TGCCCTGCCGTAGTCGATCTAAAGAATTCTAAATTGATGTTCGTGTGGAAGCAGG  
AAGCAATCGGGCGGCTCGGGACAACCTGGCGGGACATCGTGTACCTACT  
ACCAGCTTACCTCACTGGTTACGAGTCCGACCGAATTCACTTCAACAATGC  
GGGTGCCAAAAAGGCGCAAGCTTCGACAATGGGCTTACCCCCGCTATGCCGGC  
CTCAATAAGTTGAAGCGCCGTTGCAATCGCGTGGACAAGTTAGGGCTTCTGG  
CATCGGAATCCGAGCAGCGGGTCCGAAATTCCGCTGTTCTGAAGGTGACAGT  
GCTTCCTTTCGCCGACTTTGGTTGAAAGGGAAATATGTTCTGTTAGACA  
CAAAGGGCTCACATCTGCTTACCGATGCCGTGGCTGCAAGTTATTAAATTGAGG  
ACGAGGAAACAACCAAGCTCTGACCGATTATTCGAGGGCACGAGACCACT  
ATCGGCGGCAAGGCCATCCAGGGCGTTACACAGTTGAAAGATGAGGACTGGTTC  
GCCTACTCCAATCCATGTGTCGTTGGATCAAGCAGTGAAGGAGTGCTGAAGCC  
ATAGCTCAAGTCGCATCTATGCCATAAAAGTGTGGTCTCAATGCAATTGAAAT  
AAGGAGCCCCGTTGACGGGGCTTCCCTGCTGTAGTGGTTGGCATCAACCC  
TGTTCTGTTCTGCTTGCATAAGCGAGATGACGAGGCCATGTCATACTGAAGGTG  
CGTAGTAGTTCATCAAATTCAAGGCAGTGAGTCATGATCTCCGACTTCTCATCTCA  
AGAGTTTTAACTCCATTATTTCTGCTCCAAGTATTGACTGACGGCGCG  
CACTTAGGAACTCTAGTCGTGCCTACTCGATCGGTCTGGCGTTCCATAGACGTG  
CCAAGACCTTACTGGCTGCTCTACTGGCTGCTTCATGCCCTGGCGCGTAGT  
GCGAAGTAAGTCGAGATCCGCTTGTAAAGCTCTTCGACAATTGCCCTGGCTC  
AACATTCGGACACCGGCTCCGAACTTAGAATAGTCCAAGCCTGTGCGTCGGGCC  
AAGTTCGTGGCTGGAAATGTGCTCTCTATAATGCGATTGAAAGGGTTGC  
GGAGTAGAGATTGAGCGCTTGTGGAACGCTGGTGCCTGCGTAGCATACAAGTGCTT  
AGGCCAGCTAACACTGAAAGTACCAAGAGGCCTGCTGCTGCGCAGCTTAATATT  
AAATCGCCAATGGGGGACTTTAAGCCGGCAGCCGCCAGCGTCCGTTGCTTTAG  
CCTGTAAGCTTGGTCTTCGCTGAATGAATAAGTTGAAGTTGGCAGT

GGGCGGGTGATTGCGGGTGGGCGGGTACGACGTCCACCCAATTTGAGTAGCGC  
CCCAGTTGGAGTCCAATTCCCTACCC

>CONTIG\_68\_length\_6417\_cov\_24.387122

TCTAACGGAGGGCTAACGATGTAGTGCTGGGATGGAGTGCTCCGGACGGCGGTT  
CGATTCCGCCACCTCCACCAATGAGCGGATCTTGAAGATCCGAAGAAGGCCGGGA  
ACCCCCGTAAAACAAGGGTCTCGGCCTTTTATGTGCGCCGTGGTGCCTAGTGA  
ACGTATCAGCTTGTGAGACGTTGGGGCATATTGGGGCACCTGCCACCTGCCT  
GCCAGATGCCCAACTGACCGATCTGCAATACGCCGCCAAACCTGCCGCAAAG  
ACCCAACGCATGTACGACAGCGACGGCTTATCTAGAGGTTGCCAAGGGCGG  
GCGCTGGTGGCGCCTGAAGTATCGGTCGGCGCAAGGAAAAGCGGCTGCCATCG  
GCGTCTACCCAGACGTGCCCTGGCACTGGCCGGCAGCGGCGGGACGAAGCGC  
CAGCTGCTGGCCCAGGGCATCGACCCGGCGAACACCGCAAAGCCGACGGCAGC  
GCGGCGATTCTCGCGCCAACACCTCGAGGTGATGCCAACGAGTGGCTGGAGA  
AGCGCAACTGGGTGGATGGGTACCGCGTGAAGGTCGTGGATGGTACGAACGAC  
GTATTCCCTACATCGCGCGGCCGGCGGAACCTGGAAAGCGCCGAATTCC  
GGCAGTGGCCAGACGCATCGAGAAAGCGCGGCCCTCGAGTCGGCGATCGGATCA  
TGCAGAACTGCGGCCAACGATCGCTACGCCACTGGCGCGCCAGCC  
AACCCGGTAGCCGACCTACCGCGCGCTGAAGCCACGCCGAGCGTCACCTGCC  
GGCAGTGAAGATCCGGATGAGCTGGACCGCTCCTGCGCGCCATGGATGGCTACA  
AGGGCAGCCACGTCACCGCTGCCCTCGTGCAGCGCTCACCTGCCGGCGCTACCT  
CTGGCGAGCTACGGCAAGCCGAGTGGTCGGAATTGATATCGAGGCCGCGCGTGG  
AACATCCCCGAGAGAAGATGAAGATGCCAGCCCCACGTGGTACCGCTTCGCG  
ACAGGTGCTAGCTGCCCTGGCGACTTGCAGCGCTCACCTGCCGGCGCTACCT  
CTTCCCCAGCACCAGGACGAAGCTGCCCGATGTCAGACAACGCGGTGAACGCA  
CTCTGCCCGCATGGCTACGAGGTAGGCACGGTACCGGCCACGGCTCCGCC  
ACGGCCCGCACGATCCTGACGAGGTCTGGATTGCCGGACATCATTGAGCAC  
CAGCTGGCGCATGCACTGAAGGATCCAAACGGCCGGCTTACAACCGCACGCC  
CCTCGCCAGCGCGTGCATGATGCAGCGCTGGCTGACTACTGGACGAGCTGC  
GTAGCGCACGATGACATTGACCGCCTCAGAAATTGATTGGAGGCCGTGCACTGAC  
TCGCAGGGTGGCAAGATCATTGCAAACACGGCGATTCCGACTTTGCTGA  
ATCTGGGAGCATGGATGGCAGGTACGCCGAGATGGACTTACATGCTGCCATTCC  
GGCGCTAGCCGGCTACGTTGCCAATGGATAAGCTGGCGACTACCTCAAGGAGT  
TCGCCAGCTGTTGGCTGGAAAACAGGCCCTGTGTTGGCATCAAGAACGCC  
AGCATCGGCTGAAAGGCAAGGTGCCGCCGGCGGGATCAAGCGTGGAAACG  
TGTCCAGGAAGCCAAGTACCGCCTGCCAGCCGCCAGGGGCCACCTGAAAGCCA  
TCGAAACCCCTGCTGGCCCGATGGCTTCCCGAAGCCGAACCTCAAGGATAATGAA  
GGTAAGGTGCTGCGCTGTTCCGCTGGAGGAGCAGATTCTATGCCAAACCATGACT  
GTCAGAAAGCACGGCGCCGTTGACGGCATTGTGACCGGCCCTCAAAGGGCCGATGA  
CACCAGTGCACCTTACCTGCGTACCGAGATGAGCCGTGACCACAAACCTCGTAGTGCG

TGATGAAGCGCTCGCGCGAGCTCTGGCAGCGCACCGAAGATGGCTGGTGCCAGAGAGCGGCA  
GGCGTCTATGGCAGTTGGCAGCGCACCGAAGATGGCTGGTGCCAGAGAGCGGCA  
GGTGCCTGGTGGACAGCTACGACCAGCTCGATGAAACGCCGCTGTGGAGGTGATG  
GCAAGCCTGCCCATATTGCCGGCAATCGGTGGCCGAGATGGATGACCCATGGC  
GGTGTGGCGAGTTGGGGGATCCATTGAGCATGAACGAGCTGCCCGCTTAGT  
TGCCTCGACTGCAATGCGCTGATCTGCCTGACTGGCGCTGATTGCGACGACAAGAC  
CAGGCTAGTGCACCTCTCGAACATCGATCGACAAGCGCAAGGGCAGGCATCATT  
CCACGCCACGCTAGCGGAGTATCTGATTGGTGGATCGGCAGGGCTTGATTTCG  
TTCAAGCATTGAAAAGCGTTCAGCAATCAGGGTCGCGACTTCGACATCGCGCTG  
CGTCGAGGCCGCGCAGATGCACGCCGGCAATCGGCGTGGCACAAGCGGGA  
CGGAGCTTCCGAGGGTGGCAGAAGGTGAAGTACGACACGCAAATCGTGGCGATCG  
CCAAGGCCAACGGTCCCCCCTCTGATCTCAATGATGCCGGCTCCGCGCCTGCG  
CCGCGCGCATCAACCTCAAGGTAAATGAGGGCCATGAGCTACCGTTCCCCGATGCT  
GCCAGACAGCACGCACCTCATATGGAAGGTGGCGAAGCAGCTGCCGGCGCTTGATA  
GCGTTACGCGCGAACTCGGCCACCTCGAACGCCCTGAGCGATCGCAGAGTTA  
CCGCCGGTGGTATCACTGGCTCCCGATCGGTGTCATTCCGACCACGGGTTGCGCAGTT  
CCCCATTACGCCAACCCCTGCCAGGACCTCTGAGCCAGCTGGGTTGCGCAGCGAGTA  
AAAGCCATTGGTCCCCTGCGATCGGTGTCATTCCGACCACGGGTTGCGCAGTT  
CGATAGGCAGTTCCGGCAGCGTCACTCCTCGGAGCAATGACGCTGGCTTTGG  
ATCGCCGCAGAGCGGCACGGTGGCAGATCGGATGGCATACCCACATGCTACCGC  
CGGCCATCGCACAGGCTGAGATTGGGTGCCGGCTGGCGCTGCTCAGGCCCTCGC  
GGGTTGAGCGGCCATACTGGCACCGCGACCGGCAGATGTAGATTGGCAGCGATAT  
GGGATTCCGCATATGCCCTGTTCCGCACGGTGGCGTCAGAATTGCCCTGACCGCACT  
CAGGCAGGAAGTCGACCCCTATCCAATGGGTGACGCCCTCGATCTGTGCATCTCG  
TCCCAATAGAACGCGCGCACCTGTGGACCGCCTCGCTCCACTGACGATAGCCATCG  
AACGTGAGGAAGTGTCTCTCCCTCAGCAGGCATCTCACAAACCAGGTTCAATCTGGTC  
CACTCCATGCCGTCTCCGTGATCAGCGGCCAGGCATTTCATCGAACGATAGGG  
CGCGATGCCGTACCGCATCAGATTCCCATGAGCAGACGCCGTGTCAGGCATAG  
CTCAAATGAACGTTTTTGATGGCGGGCATGCACTTGGCCTGCCGAGAT  
GACCTCGGCCGCCGGCAGTGACCGCGCAGCACATTGGAGAACGTAATGCACGC  
ACTGTTGATCACCAGCGCAGTGGCGCTTCTGGCGTCGCATCCCAGGCCGCCGG  
CGAAACCAGCCAGTCAGCCGCACCACCCAGCTGTATCAGGAAACGTCACCGCC  
GCGAGACGCTGGATGCCCTCGCACCGCATCGCACGCCGCACGCCGCATCA  
GTCAACGCCGCCGTGGCCTGTGGCGAGATCCAGGGCAGCGGCCCTACACCC  
GTCGCTAAAGACCGATGGCGACAGGACTGGTGCAGGTGCCAGAACGCCGCC  
CCTACGTGCTCGTCAACGGCATCGCAAGGACGCCGCAGGACCATCCCT  
ATCTATTACCGCCGACCCGGCTACCTGATCACGCCGTGGCCATCAAGTCCAAGAC  
CGTGCCTGGCGTGCAGGTCAGCGCCGCTGGCGCTGAGACGCCGATGCAGCTTG  
GTCAGGCTGCCGCTTGGCAGTGGCCAGACTGGCGCGATTGCGCTGTCCGTTG  
CAGCCTGATAAGCGCCTGTAGCTTCAAACCAGCTAGATCCAGTGTGCATCTGCTC

CGGGATAGCGGATGGTAGGTAGGTCGGCGCATCAGGTGGCGATGGGCAGGCCAGC  
ACGCCGAGGGCGGCCGCGTCCCTGACCTGGAACGTGACGGTACCGGTGTCGTT  
GATCGGGTCCAGATGATAGTGATCTGCTGCGAGCGGATCCGCATCCGGTCCGG  
CGTCACCACGTTGCATCGTAGGCAGCGGGTAGCCGCCTGATGCCAGCAGCA  
GATGCACGCCAGGCTCGGTGACCGTCTGCCCGCACCTCCACGGATCTGCCGGTCG  
CCGGATCGACATCAGTCGTTGCCCGCGGTGATCTGTAGCTGCGGCCAATCAGGT  
CGCTGATCTGCAACGTGAGTACGCGCAGGAAGAACGCTCCAGCGTCTGGTCCAG  
CCGTCGGGTGCGGCTTGGTGCATCTGCTCGAGGTGGAACCTGACCGGACCATCA  
TTGGTGGCCGGTCCCATCTGATCTCGATGCGCGACACGATCCTGGTCTGCGTG  
CCGAAGGTAGGGTTTCGCTGATGAGCATGTCAGTAGCCTGTAACGTCGAGGATAG  
GAGAGCGCACCCAGGCCTGGCGTACTGCCAGGAGCAGGAATGGGGTCCATT  
GCGCCCCTTGAGAGAACGCTACCTGTGTCGATTGCACTGATGCTGGCAACGTTGCCG  
TTGATGTTGACGACTCCCTGCCACACCACGCTGACCAGCCATTGCCGGCCCG  
CCAACGACACCACCGCGGCCAGCATGATGTTGCCATGCCGATCCAGCAAGGCCGC  
GTATGTGCCGCCTGCAGGAAGGGTATCGACCCACCTGGTTAGCATTGCCCTGCAG  
CAGCCCACGCACCTCATGTATTGAGAGTCGATCGAACGACAATCTGATTGTTGC  
AGGGTTCTGTATCACCAGATAGTCGCGCCACCGAACGTCGGCTCGAAGACAT  
AGGCTGAAAGCTCCGCCAGTCGTAAGGCCGTGAAGGTGAAGTTGCTACCGCTCT  
GCGTCCGCTGCATCAATGCAAGCGTTCTCGCTAGAAAAGCGAGCACAGGGTCG  
TGCCGCCATCGCAGACTCCATGTCTTAAAACACCGAGCCGGTAGGGCTGATTG  
TCTGCTTCGATGCCAGCGCCAGATTCTCAATCTCGGAAATACAACACGATTGG  
GGCCTCGTTGATCCGGCGAACGCCATCAGAACCTCCGTAGTACAAGGTGCCGC  
CGCGCGTGCCTATTGCCAGTCAGGCGAGCTCCAACTGATCGCATTGCCGTG  
CGCTCAAGATCGTAGCAGCGCTCCCCGCGCTGATCTGCCACAAACCGATAAT  
ACAGCTGGTGGCGCTGCCGGTACAGGCACCGCCACCGAGCCATTGCTGCCGCTG  
GCGATACCGATCGCACCCATATGCTCGTGAGCAGGTGGAGTCGGCTGGTCGGT  
ACCTGCAACAGCACGACATTGGTGGCCGCATCGGTGATTGCAAAACGTCGTCT  
ACACCCGCCCCGATGCCACACCTGCACGCCATTGGCGCATAGCAATAGATCTT  
CCGTTGACGATCTCACTACGGCCCTGCCGGCATCCACGCCGATGAACCGCACTTG  
TCGAAGGCAGGAAATCCAATGTTGCCGTCTGCCATTGTTGACCGAGCGAGCACCC  
ACACGACCATTACGTCCAACGCCAGCGTCCAAGATGCCGTTGAGCTGCTACGCC  
TTGTCGTTGACCGTCATCGGTCCACATCGTGGCGACCAGACCCGGCTCCAGCTGGCG  
CCGGAAATAGGTACTCCCCGGCTGTTCTCGATGAAGCGGAGGCAAGTCGTG  
GGTACCGCCGGCGCTGATGCTGATCTGAAACCTCTCCACGCCGCCAGCTGCC  
CGAGTCCGCCAGACCGTAACGGAGCCGATCAACCCCTGACCGCTATGCGCTGCAA  
TCTCGATCCGCCAACGCCAGAGCCACTGTCAGATTGAGAAAGCGTGT  
AGATCCCTGGGAGGCCTCACCGATTGCTGGCAGCGG

>CONTIG\_69\_length\_6333\_cov\_25.735740

GTCTATACCGGCAAGCGCGACACGACGTACGCCGAAGGTGCTGGAGCAGGA  
AGGCTTCAAGGTGGCGGTGCTGCAGCGAGCGTAGATGCCAGCCCGTGAAGACT  
GGATCGCCGAGCAGTTGGACCGCGCATCGATGTGCTCATCACCAACCCGAACTC  
GTCAAGACGGGATTGGACCTGTTGACTTCCCACGATCGTGTTCATGCAGTCGGC  
TACAACGTGTACTCGCTCCAGCAAGCGGCACGCCGCTCTGGCGATCGGGCAGAA  
AGAACCCGTGCGAGTGATCTATCTGGCTACGCCGCTCTCGCAGATGACCTGCTT  
GGAGTTAATGGCCAAGAACGATCATGGTATCGCAGTCCACCTCGGGCGACGTGCCCG  
AATCGGGGCTGGATGTCTGAACCAGGATGGTATTCCGTCGAGGTGCGATTGGCCC  
GGCAACTGGTAAGTGCCTGATCTACTGTCGCCGGCATCCTCTCGGGGTGTCGGCA  
TTTCTTAGGAAATAGCTGCTCGGAAGATTGATCACCCTCCGCTCCAGCGCTGG  
GCAAACTAATTGGTTGCTGCCAGGAGCGATAACAGCGCTATCACCAAGAGCATGG  
GAAAGGAGCGTCTGCGCACCGAGTTGGCGCAAGTCCCTCCGGTCGCCACTTC  
GGCCCGTGCCTCCGGCCTGCCATCGCGATGCTGAAGTAGCTCCGGCCCCAATGG  
TCAAGGGTGTGGATTCTCACCGAACCCCTCAAACCTACTTGAGGCAGTGCTTA  
GCGAGCGCTTCTTGATCAGCGGTCTATGGTGTATCGATAACCTAGACTCGATAA  
ATAACGCCGCCAGACTCTCGAGCGAACGTTCACGCCAATCGCAGCTGCAA  
GTTGTAGCTCGACTGTGCCGTTGCTCGACATGCCGACACAGCAACGGCACTCCAG  
TTCCTGGGCCACACTCAAATGCCAGCGCGCATTGCGCCTCCAGCTCATCAAG  
GAATGGCGAGCGCCAAAGCGCATGGGCCATAGCGGCCATCACGAAGCCGAAT  
ACAGCATGTGGACCTCGCGAGCACGTGTGAGTCCCACATAGAACAGCCGG  
CTTCCCGCAACTTCTGGACTCTCGTGCACGCCACGGTAGATTCCGAGGTGAGC  
CCAACCATGATGACGACGTCGACTCACAGCCCTGGCGGAATGCACTGAGCAG  
ATTCAAGGTGATCGGGCAACCGTCCCACCGCCAAACTCGTGTGATGTCTAGCGAAG  
CAAGTGCACCGCCTCGCGAGCGCTGCCATACGATCCAGTTGCTCCCTGAT  
CAGCGAGCGCCAATTCAACCGCCAGCAGATGATCCACTACACCGTCGCGAACGAA  
GCAACAAATTCTCGCGCAGGTTGCTGGTCAAGCGCAGTCCCATAGCAAAGCGGTT  
AGCGCTTGTCTTCGCGCCTAGCCTGTGCATCGCCAAGCTGCCGATGAAATGCG  
CGATAGCGGTGAGTAGTCCACGCAATTGTGGCGTCCACGCCAGCCACCCCC  
GCACCAACGCCGACAATCTCGACCCAACTGTTAGGGCAACCTGCGGTAAGGTG  
TGCAGGTATCCACACGGATGTAGTCGAGACGCCAGTTGCCACAGCTTCAGCCACGAT  
ATCGCCTGCGCATAATCTTGATAGGATCGCGATATGCCAGCGTGTCCCG  
CTTGGAGGCTAAGGCCCGGAATGATCTCGCGACGGCGTGCAGCCTGATCTG  
CCATACCACCGGGCGCAGTAAGAATTGATGGCGTTGCGCAGGATCGCTCG  
CTTGATAGCCTCGGGCTTCTCCAAGGCCATCTGACGCAGTTACTATCCCTGCG  
CAGAACGGTAATTCAATTGAAGCTGGACGGCTCAATGCGCTCGAGGCCAAT  
TCTATGAGCAACGCCATCAGCCCCGTAATCCATATCGACTGATCCGCATCA  
CCGACCGCGAAAAGCCGGACCCACCGTCGAAGGCAAGGCAGGTTGACGATGCGATG  
AAGGCCACGCCTAGATCCTGATACTCATCCACGAGCACGGAAATTGCGCTG  
GACCAGAGGTAGTACCCAGTCGTTATCGCGATCAAGCGCTGACCGAAGACCACCA  
TGTCACTCGTAGTCAATTAGGCCCTCGCGAAGACCGCCCTCGTAAGCCTCGGCC

AAGCAGCGAGTCCTCCCTCGTACGCCACGCGACGCTATTCGATTGAGCACGGAGC  
GGCGATGCCGCCGAGGTCAATGACCTGTACGGGTGGTCTGCCAAAAAGCGCG  
TCTCCAGTTGCTCAACAACCGATCGCTGACTCGTGAGTGGCCACCGAAAGAGGG  
AACGGTATCGGCAAACCGGCCAAGCGTCCATACGGCATCAACAGATGGCGAAACA  
GAACCCATGGACGGTACCAATGAAGAGATTGGGTGTTGCGAAGTCCCAGGGCTT  
CAATCCGGCGAGT GAGCTCGTGCATTCTGGCTATACGTGATGCATGCTGCGC  
CACGAGGGGTCTGACGTCTCCGCCAGGATGCGGGCGAGTTCAGCAGCAGCGTC  
TTGGTCTGCCGCTTCCAGGACCGCGAGCACACACAATGTCCCCGAGAATTGTA  
GCCGCCAACTGACCCGGATTCCCAGCCAGTCGACGGCTGAGCCAAGTAGGCTGT  
GCTGACGCTACCGATGGCATCACGGATATGCTCCAGAGCGGAACGAATGTAAGCC  
GGACAGACGTCCCTGACACCGACGGCGCAAGTGCCTGCGCAAAACCTCCCTTCCG  
ATCCTCTCGATTAATCTGAGCAGCAAGTCTTCATCAATTGAGCAGGATCGTCCACC  
CATTGCTGCAATGCATTAGAGTTCTCTCCTCAATCGAGGAAGCTCCTCCGGATT  
ACCTCCTGCATGTCCTCCGCCAGTCCACCTGCAAATAGTCGGCTCTAACGTGTTCT  
CGTTGACGAAGTATCCGTACTGCTCGCAAGCTCGATCACTCGTCCGCATCCAATT  
CCTCGTGATCGACACGCCCTCAATCACGTCAAGGACATTGATAAGCCGCGTCCGGA  
CCAATGGATGATTACCGTTGGTCGGATCACGGTCTGTCAGGATCACATGGGGATGT  
TGAGTCCTCGGGGCCAGTAACCTCACATACGGGGTAAGTTGGTCCCCCCCACCG  
AGCACACAGT GATTCCAAGCATATCGAGGGGAATTGAGTACCTCGGCAAACCG  
GGAACGATGAAGCGCTCGCGTCGCTCGACCAGAACATCCCCCGAGAAAAGAA  
AATCTGCCGCGAGTGACGTCAATGTAACGTTGGAGATCCTCTCATCCCTCTGCGT  
GAAAGGTGCGTTGCTGCGATACCGCGACAGTCTTGCCTCCGCTGCGTCATGGCG  
TAGCAGGACAATAGATCTGATCGCGCAACGCTGCGATATGTGGCGAGTGGTAG  
TGAGGATTGTCGTTAGCGGTGGCTGTTCATCACCATCTCCGCCCGTGCGCAAGGA  
AGTAACGATAGATTAGACGCTGCGACAGTCTGCGCTCTCCATCGGAAACGAGGCG  
ACTACGAAGAAGGTGTGGTCGCGCTCTCCATCGGAAACGAGGCGGTGAGTCGAG  
ACTCTCAGCGCCAGGAAGATCAGGTTCGCGGTCCCAAGCTCGATCGCCGACTCC  
GCGTACGCCGTTGTCGATCAGCAGCCGCAAGGCTGCGCAGCAATCGTCGACTCGAG  
TTGGCGCAAGTCCGAGCGACATCGGAACGGCATGTTGCTCCCCAGCGATGGCGATT  
AGCCGTTGCTAATCCGTTCTGCTGCGTACCACTCCCTCGTGACCAGCAGCTCTC  
GCTGTGCTTGGTCGACCTGATTCTGAATCTCCTCACGGGTGTCATCATTCAACGACG  
CGGCAAGATCCTCAATGAGCGCTCAATGGGAATTGCGCAACTCGCAAGGTCC  
TTTCAGCGTCACGCAGTGCTACTTGAACATCTATTGGCAACATCCGGCGAAGTGC  
CCGCCAATACGCATATCGGGATCGCGCCACCGAAGATCACATACTCATAGTCCTC  
AACGATTCCGGGGCATGCCCAAGGCCGCTTAGGCTGGAAGCGGTAGGTGAGTC  
GGCCACCATGGGTGGCCAGGATCAATCACGCAATCGTGAAGGTGGCCATCAACC  
GCGGATCGTCCGTAAGTCCGTTAGATCAACTGACACTTCCACAGTCTCGCCAACCT  
TGTCTTACCCAACCCATCCCAGAAGTGCTCAAGTCCCAACTGTCTGCGTCTCG  
ACAAACCAGGATCAAGGATCAACTGCAGGCCGGAATGAAATTGCTCTGCCGACC  
TTGTTTCGCCAACGATGACAATGCTCACCTGTCGATATCAATATCCGAGAAA

TTGGCGAAATTGATCAACCTGATCCTAGAAATTCTCATTACGTCCCCGTCCGGTGG  
TATTTAACAAATAGTAGCAGTCAGCGGGGCTCCATCCGCCGACCGCGACCG  
AGATTTCCGTTACGCCCCCTGAGGCCGATTTGTCGACTAGACCGCTGCCTAA  
ATCGGACGCAGTGTGGTCGATTGTTGCTGCTGCCCGGCCTAGCGCGATGG  
TGAGGGCTCGATGTTAGGACGCCGAGCTTATGTGCCCTCTCCATCTGGTTAC  
CATCCCACCGCCGCTGCTGGCGGAGCCCTGGCCTGCTCTGGTCGGTGTGGCT  
GGCGCTGCGCACGACGACTGCGCCGCCGCCTGACTCCATTGAGGAAGTCTC  
GGCCACGCCGAACCCGAGACGCCGAGTACATCCCCGTTGTACGCTACGGTCGCT  
ACACGCTGGTAGAGCTAGCACCCACGGCGCGCAGCGGGACCTGCTGTTGAGACC  
ATCGACGTGTCCATGCCGAAGATGCACGCCACCGTCGGCGATGGCTGCGACA  
TGTGCTCAAGCGCAGCGTTACGGACTGTGCCAGACGCCGACGTGGTGAGCGAGC  
TGTACGCGCTGCCGCTGCCAGCGCGCACCTGCACCTCGGCCCCATGACCTGCGCG  
ATGCGCTGCTCACACTGGCTGGCCCGCTGGAAACTGCACGCCGATGACCGCA  
CGGCAGATTGCTTCGAGCGGCCGGCACAGCGTGGCCGGGAACCCGATCCGA  
ACCATCCGCTGCCAAAGCGGTACAGGCATTCCGCTGGAGCCTCGGTTGGAGA  
CCAGCCATGAACACCCCGAGCTGCCACCCGCCACCGCCGCGCCGTGGTGGTGA  
GAGCCTCTATGGCTCTGGCTGATGCCCTAGCGTCTCGTGGCCTGGCTACCA  
GACCATGAACGACCAAGCCACCAAGAACGGCTCGATTCCGCTGCAACCGTGG  
AAGCCCGGGCGGCCCTGGTCGAGTCGATCAAGGCCATCCAGCAGCGTCCGCC  
GTCGCAACGGCGCAGACCTCAAAGACACCCGCAAGTACTGGAAGCACGCACCGC  
CCAAGTTGAGACAACGCTGAGCGGCTATGCCGTGCCGACGACCTCAGCGCTGC  
GCGCGAGGTCGAGCAGATCAAGGCCAGACCGCTGCGCCTGTCGCGC  
GCAGCACCCGCCAGCGCGCATCGGCAAGGCCGCCAAGCCGAACCGCC  
GCCGCTCCGTTCCGCGTCGTCGGTAATTGCGCGCTGCCAGCGCAGCGTGT  
CGTCGCGCCGAGCAGCGGGACTTCACGCCCCATCAACTCAGGTGCTGTTCCAGG  
TGATGCGGTGGCCGTGGCGCTTGCAAGCGGTGAGGGCAACACCGCCGTGTTCC  
AGGCCGGCGACCAGACCGTCGCGTGGCGATTCCCTGACCGGAGCACACTACATGA  
AGCCGTCGATCATCCTCTCGCGCTCCTACTGGCATCCGCCAGTTGCCGCTGG  
CGCAGCAGCCGCCACCGCCCCGACCCGAATGCGCAGAGCCAGGAGCGTCCGCTG  
GTCGCTCGAACCCGGACGACAAGGTAGCAAGCGACTGGGGCCTGCAACCGCAAGA  
ATGGACGCGCTATCGCGAGTTGATGGACGGGCCGCTAGGCATCTACTCGCCCAATT  
GGACCCGCTGTCCGCCCTGGGTATCGAGGCCGCCGACGAGGAACGGCGCGCT  
A

>CONTIG\_70\_length\_6251\_cov\_14.456891

GCCTAGTGGCTATGCAGGCACAACACCGGGGATAACCCACTGGTAGGCATGTTGT  
AGCGCAACCCCGGGACTGCTGCAACTTGTGGCATACAAGCTTGGAGCAGTTGGT  
GACCAGGCTAGTCGCTCTCCTACCTTCTCAGCGCTGGTGTAGCCATCCGCAAC  
GCCCAAGCGAACTGGCGTGGTTTCGAGTTGCGTGATCATTGCGTTTCCACATGG  
GCCAGCAACGCGCTAACAACTCGTTGTCCTAGCGCTCTGCCCTGCAAGGAAA

ACAATCTCTGCCACCCGCGTGCGCCGCTGGCTTCGCGTCGTGCGTTCCCTCG  
TTTCACGGCCTGACGTTGGCTAAAGTCTTCGCTGAAGCTGCCAGTCG  
TCGGTGGCTCGGTGGATTGGCTGGTAGTGGTTGCGCTCATCTGATTCTC  
CTCTGACTGTTACGAGTCAATAAAAAATGGCTGCGTAAGTTGCGACGATT  
CGATTTGACCTGCCATCGAAATCAAAAAAATCTGAAAAACAAGGCTAAAAGAAA  
GAAGCAAGAGCGCACTGATGCAATGTCTGCGACATAGCGCGGCCAGGTGCTACGC  
CCCCGGACCCCCAACGCGCTCCGCGCTGCGCAAATCAAAAGCCACGGCATAAAGAG  
AGCAACCTCATCCGGAGCTCTCCATGCCATCTACCACTCTCGCGTCAAAACCTTA  
GCCGTTCCCCTGGCGACTCCGCTATGCCGCTGCCGCTATGCCGTTGGCTGCTTC  
TCATCGATCACATCACCGGCCAGCGCCACGACTACCGCCGCCGGTGGAGTGGTC  
GCGTCCGAGTGTCTGGCCCCGAGGATGCCCGCATGGGCCCTGTCCCCCAGAG  
CTCTGGCCGAAAGCCGAGGCCGGAGAACGCAAAATTCAGTGGTAGCCCGTGA  
GTTCGAGGTGGCCTGCCAACGAGCTAACGACGAGCAGCGGTCCGACCTCGCCA  
TTGCCATCGGACAGACCCTGTGCCCGATACGGCTTGCCCTGCAAATGAGCATCC  
ACTCGCCGGCTCCCGACGGTTGAATCATCACGTCCACCTGCTGCCACCACGC  
GGCGGTTGACCACGACGGCTTGCCAGAACGCGGGAGTTGGATGCCGGTGC  
TCGGGAAAGATTGAGATCGAGTGGTCCGCCAAACCATGGCTCGACCATCACGC  
GCATTGGCAGCCCGGGAAATCGATGCCGGTGCACCATGCCGCTGGAGGTCC  
AAGCCGAGGAAGCTCTGGCTCGCGGTGACTGGCTGAAGCGATGGTGTCTCGC  
AGCCCACCAAGCACATGGCAAAGCGGCCCTGCCCTCGAACGCCGGGCTTGCT  
ACAGAGCTGGCGCCAGAACGCGCGATCGTCGAGAAAACGAAGAGGCCCTCGA  
ACGGTTGCTCGCAAGCCGAGCAGCAGGAGGGCAGGGCAATTCAAATTCTATTGCC  
ATAGCCACGACCAAGCGCAGCGTGCACCGTCGACGCCGGCTGGCTCCAGAAACGAT  
CTCCGACTTCTTGCCCTGGATTGAAATCCACGGGCTTCGAGGCATGCCCTGTCC  
GAAGCACTTGGTTGGTCTGCAGAACGAGAGGGAACCTCGACCAATGCCTCCATCGG  
TGAGTTGGCATGGAAGCGGCTCGTGACCTGGCAGAGATCCTCTGACTCGGTCCGA  
CCTGATGCTGGTGGCAACTCAGCGACTGTTGCCGACGGCGAACCGCGACGTTGT  
CGACAACGTCGACCTCGCCGAGGGCTTGATGGGTTGGTGAACGACTGGGCCGCC  
TCAAGCGCAGCGTGGTGAAGTCGCCAACGAACCGAGCGCTGGGGCGTCCGAG  
AAGCTCTCCACCTAGCTGAGCAGGCATGGAGCAGTCAACGGCGACCATCCTCG  
GCCGATGGCGAGTGGTCTCTCAAGAACGAGGGAAAGCGACGAGGAAGCGGTTGG  
CCGTGCTGGAAAAGCGAACAGCGAACACTGGCGACAGCCGGCAGCGGTCTCCGAG  
CAGCGGTGGAACGACGACGAGAACGAGATTGAGATCCCGCGGGCTCAAGTGGAAC  
AGTGGAGCGAAGCGATGCTGACGTCCAGAGCCTGAAATCGTCCATGGCTCTGTTG  
CATCTATCGACGCTACTCCAGCCATGCCAACGCCGGCGCCCTGATAGACACTTGAAGCTCCA  
CACTATCGCCGTAAGCGTAGAAGTGTATGACTAAACTAACGCTATGGCGG  
CCGAAGCTGCCGAAGTTCAACCCACCTTGAAATGCATACTGTTCCATATGATT  
ATTGGCTCAATGTCACGGATGAGGCTACTTCTAGCCAAACGCCGACGGTCTGGGGAT  
GATCGAAGCTTGGTGAGAAGAATTGTGTTAGTTGGTTGACCATGGAATGTTCCACGT

CAAGGCAGGCCAAGGCAATGTCGAGTCATGATCTGCGACCTCACCTGGACGTATGC  
TGTTGCGTCGGCGAGTGCCTCAGACTGAAGCGAACCGCTCGGAAACGTTCGTG  
CAGTTAACGCTGCCGGAAATTGATGATCTCACCGCACTGCCTGACTAGAACGATTGC  
GATTCCGACTCTGCCGCAGAGGCCATCCGACCATTGCAGCCTCCCTAGCAATC  
GCCATGTCGACCCCTGATTCTGCAGAAGGGAGTCTGCAAACCTGGTAATCTCCT  
AGTTCTGGTTCTAGGCTCACGACTCGCCATAAACAAAGACGTGTGCGTGAGAGTG  
CCAATTATTGGAAAGTCAAGCCGAAAGTCATCCCCATAGCGAAACGCTTACTGTAA  
ACTGACATGTCTATCTATCAAGAACCTGCGATACCCCTGAACTAGAGATTTGATG  
GCTCAGGAACCTGCCGTCGCCCTGGCTGCCAAGTATGTAGGGTTTGTGAAAGCA  
TTCGAAGTTCACTGGTCGGGCACCAGTCACGAGGCCGCGCCTATCTCTGTCT  
GGCATTCATCTGCTGATCTCTGGCGAGCCGGAGCAGCGTCGGGCTTACATTGAAAAG  
CGAATAGCCTTCTTGCGCACGAGCTTATGCAGCTATGCTCGTCTGACACGCAGG  
GTAAATGCCAAGGGCAGTCCCCCTGGTAATGAGTTCTGGCAAATCCTCCAGGAT  
AACGGAGACCGTTCCGTGGCAGAGCTGTGCGCAGCCTATTGATAGAGAGCAA  
AGACAGTCCAGAACGAAAAATCTGAAAGAGGAATTTCGAAAGACAGAACCAAAT  
ATATCCTCCGATTGGCGTGGATACTCTCGCAAAATTGCTCACGGAGAAGGAATTTC  
TTTCCTTCGTTGAACAATCGCTGAGAAAATTAAAGCGTTCTAATGCATTGTTCAGAC  
AATGATCGACGCTGAACCTTGGAGCGCTACGAGCCGGTGTCTACGCTGGAGAT  
CAGAGAGAGGGCGCGCCTGCTGAGCAGCCAAGCTACCTCTAACGGACTTAAATT  
GTCTGATACAGTCACGTTCCGAGGAAGATGATGACGTGTCTGACGATGCCCTG  
CCCAGCTCGGGCACTGGCTGGCGCTCGTATGCGAAATTCTACATCGGAG  
TTGAGTTAAATTGGCAGAGTGTGTTGGGTTTGCACCGTTCTAGGTCTTCC  
ATTTAATTGGCGCTTGAGTGCTACTTGAGCGCCGTATAGCGGTGCTGTGCTGG  
TTCCTACGCTGACTGCTGGTGCATCCAGACAAACGCTATGCCATTGGTGGCGT  
GTTTATAGCACTTGTGCCGTAAAGACTGGCATGGCGATTCGCCAAGCTAATGGA  
GTTGTATCTGTTGATAGAACAAATAGCGCGTGGTTAATGTGCGGCGAGATTGG  
TTCTCCACCATGTGGTAATGAAATCCTTCCGTGCTGACATTGTTACTACGGAAATT  
AAGTTGTATGAGTCTCTGAGATGCCGGGGTTCGAAAATTGCGAAACAGATATT  
TGTGAAGCGAAGCTGTCAGGAATGATTCTCAAATGCCATCGCAATTATTGAG  
TTAAAAACAGCGAGGCTTGATGCTTCCGTGCCAACATGGTATCTCAAGAAATGG  
GAGTGAATTACGAACCTAACGTCGCTCGATGCAATTGCCGACACGGAAAGTAA  
GGCAGATTGGGTCTGTAGGTATTGACGGACGATTAATGAGTGTGATCTCCTGCC  
AGCGGGCACGTTCTTCTGCCCGCGTTGCACAAGCCTACGATTGAAGCTTCT  
AGCTGCCGGTCCAAAATGTGGAGCTCCGTAACACGGCGCTCCCCCTGATTCT  
GTAGTCGGTCTGACGTGTTCTGAGCACTTATGGATTATGGACATCAAAGCCAG  
CAAATGCTGGCTTCTTAGGTCTTAACGCCGGGGCGAGGGCGAAATCTATG  
TGCTCGACTCCAATGGACTCCTGGGACGGGGACGTTGCTTCTGTTCT  
GTGCCCTCGCCATTCTCAATTGAAGCAGGCATGGTCGGCACGGCGCTGCGATCG  
CGGCCGCTGTTAACGAGGATAGGTTGAGAACGGTGCATGGCTGAGGCCTGGGTT  
GACTGGCTGGCCCTGGCCCGCCGAGCCTCAGCAGCTGGCGCCAAGTCGAGCGCG

TATTGGATGTCCTCCACTTCTTGAGGGGGAAAGGCACGTAGTCGTTGCTGAAGGAGG  
TGGCCGAGCAAGCGACTGGCGATCTGAATCTGCGTTGGTATGCATGGGTGCTCCT  
GTGTTGGGTGAGCACACATAAAATCAGTTGGCTCTTCAAGCAAGAGCTCGCTTGG  
CGCGGCACCTCACAAATTGATGGCTGTGCGCCGTAATTCTAGGAGGTATTAG  
CCTTCGATCGTCACATATTAGGCAAATCGCTGGTACGTGATTAGGAGCGACAGG  
AGTCTCCGGGTGCTCGTCTGATTAAGGCCACTTCGCAAGAGATGGTACATAAAA  
CAATCGATATGGGTAAGTGTTCAGGAAGATCCTGGACGTTGAGATGGTACATAA  
GAGCTTCTGGAAATAGCGGATGCTGACGGGACTGGGCGTAGAGTGCCTGTTGTT  
CCAGTCCATTTCGTCAGTGCAGCGTTCTGCAATCGTTCCAATGGTCCGCTG  
CCCAGCATGGCGGGTCAGCAGGAGTGGCGAGGGATGCTTACCTCCTGGTAGTAA  
TCGGACTTGCTGAAACGTCGGAACATTGCCGGCTGCCAGAGAAGCGCTGATGT  
GCCCGACCAGCGACGAACGTGCCGGGGAACCGGATATCGCGCTGGTGCCTGG  
GTGGGGTGGAGCCTGGAGCTTGACCAACCACACGCCGCAAGTAGGCCTAGAG  
CTGATTCAATACTCAACTTCCGGCACAGCGGTCAACGCATCGCAGACCTAGG  
ACTTCGTCTCCTGAACGCATTGCTTATGGATGACCATTGCCGGGAAGAATG  
CCTCCATTGCGCTGTTGGTAGATCGACAGACTGCCGGCAATGACCGCTCGCATGTCT  
TCTCGTACAAGAACGGATTCCGTCGTGCTCGCACGTCCTGACCGGATCCTTG  
GCCTCGAATGCCACGAACTGCATGCCGCCATCCATGTCGAACACCTCGCAGCA  
GCAGGTGACAAAGTGGTTCGCTGTTGACCCCTCTCAGCGGTATGCCAAACCGAT  
GTAGGCCTGATCCCGGGCACTCCCACCAGAGGGCGAGCTCCAAGGAATGCCGC  
CGGCTTGACATAGAGCGCAGTCGAAAGCCTCCATGCCAACTGCCCTGTTGAGA  
AGCTGAAGGTCGGTCGTTGACCAACTGAGTCGAATGCCGTGCTTGCTCCAAATG  
CCTTGAGGACATCGTGCCTCGAATCCGTCCTCCGGACGTATAAGGAAGCCACGCC  
CTGGGAGATGGACTAGGACCACATCAAACGCTCGTGCCTGTGCTTAGTTGCGAGA  
GGGCTGCCCTCGAAGGCAGGCCACCAGCGATGTTGAAGGGTGCCGGAGCCTGGAAGA  
TCGTCGATGG

>CONTIG\_71\_length\_6246\_cov\_14.468050

CTTATACAGCGCAGCAAGTTCTCGTTAGTGGGCCATGGTCACACCGTAAAGTG  
AGCAATAGTGCATAATTCAATCAGTTGGAGAATTGCATTCTACTGACCACCCCTTT  
ACATTGCCACTGACCAGTCATTGCATTGACGTGACCACCGCTGACAAGACTTG  
ACCGCGCACTGCATGCCCTCGACCGGCTGGAGTCACCCGAAGCAGGCCCTCGTTA  
AGGGCTGCTAACGGCAATAGCAGACGTTCCATGTGACTACACAAATAGGGTCGA  
TTCAGTGGATCAACCACGATCCTTGGTCTTATCCATTGTATTCCCTTAAGGTC  
CACTGCCGCCCTGTCCAGAGCTGAATAGCGCAAATCAGCTCTAACCAAACCT  
TATGCCAAACAACCGCCTCTCGGTGGCGTCAGTCACACGCTGGCAGGACATA  
GCCATTGAGGTGAAACCATCGAGGGTCTCTTGAAGGCATCGTCTTCAATTGCGT  
CACGATGTACTGAAAACCAAGCTCCTGGCAATCTCAGAACCAAGGCAGCAATGCGC  
TGATTACCTGGCGGCCGTCAACACCATCGAACAGGTGGCTGTCATGGATCAAGAATC  
CAGGCCAATTTCGGCTGATGCACAGCGCATAAGCATCATGTCGAAGCAGAAG

ATTTCATGTTCTGATGCCCTTGCTGCCTGCCCTGCATCGGAAACTGAAGACTG  
GTCCATTGAGGTTCATCGATCGTCACTGCTACCCGCCATTACAGGCCTGAG  
AGGTTCCCTCGAAGGCACGATAGCTCAGCCAGCCTGCTCTTGCTCGGTGAAGT  
CACGCCGTAGGCGGATCGTAGGGCGTTGCGCTCGATCTAGCTCGTTGGTGC  
CTTCGAGCTGCTCTGCGGCTCGAACAGCGTTGCCAAGGATTCCACTCGAATTCCA  
GCCGTCCCAGCTCGCCTGCAGTTGAGGAACGTTCGAGCGCACCATGGCTCCTGA  
GAATGCCAGGATTTCACC CGCCTCTGGTCTAGCTGCCTTACTATCACGTA  
GCTCGATACGATCTTGGCGGCTCGAGTCGCTGGACAGATAGTCGATTGC  
GCACCA CAGAGTCATGGAAACTCTTCACATCCTCGTAGCGGCGCTGACCAAGTCAG  
GCAGGACGATGCCCGCCTCTGGTAGACCGCCTGGAGATCCTCATGGTCAGGAGGA  
ACCTCGGAGGCGAGGGCGTTCCAGATCACGAATAGCTGAGAAGTCGATGGTATT  
GGCGTTGGCTAACTCGTTGAGCTGGCGGGTCAAGCTGGAGCTTCGACTCCAGCTC  
CCGGTACTCAGGCAAGACCTGAAACGTCTCAACTCCGCGTGAAGCTTCTGAGGCG  
AGCCTCTGAATGGTCAGCTCTGCGCAAGTCTGCGCCCTGCCAATAATTGAGCC  
GAATGCACCGTTCCCGGCCCTCTTAGCTCTCAAGGGTCTTCCCAGCC  
ACAGCTGCCAGTCCCTGGCAATCTGCCAGTCCAGTCCAGCAGGAACATCAGCGC  
CATCTGCATGTCGCCGGTACCCCTGCATCGTGGCCTGTTCCGGCGTCAAGGC  
ACCGCTCGCCTGCGCACAAAGTAGGCAAACAGCGATCTGAACGAAGGCGGCT  
TGCTGCCAGCGGCTCAAGGCTAGTCAGACCAACATTGTTGCCAAGGAACGTAC  
ACCACTCGGTGGCGAGACCTCACTTCGCGGCTGGTGGGCAGTCACGAAAACCT  
TGGCTTGGAGCCACACTCGCTCGACGACAGTGGGTTCCGACTCAAGTCGAAGT  
CCATGCCAAAGTGTGCTCCGCCAATTCCGGGGTCCGAAAATCGAGTCCGGCCCC  
GCGTCAGCACCAAGCAGAAAATGCACTAGCTCCACGAAGCTCGTTACCAGCGC  
ATTGCGTGGTGTGTTGTGGTCGCTCCCTCGGTTTGAGCGAGCAGCACATTAGA  
CCTGGTTTCAGATCTCCAAGATTCTAAAGGTCGGCAGAGTACTGAAGATGTTGTGA  
ATCAAGCTGTTCTCCGTGTCACAAGGCCGCTTCAAGCTCAATGATTCCAAGGGCGT  
ACAGAAGATCGAGGGAAAGTAAGAACCGAGTCGTAACCTGCCAGGCATGGCA  
GTCACGCTCGTTCATGCCACTTAGCTCCTCCAAAGTGCAGGAGACAGTCTTGGC  
CGTGTGAGAAACGTCAAGAATATGACCGCCGACGGTCAACAATGCGCGATCCTGCGG  
AAGATGCTGGATGGAAGGATCATGCTGCCCCACCGTTGAGCGTCCTCGAAAATT  
TCGCACCTGCGAAAAGGTATGCCATGACTGCCAGCAGTCGGCCTATGAGTGGGA  
GTGGTGTGCTGAGGCCAGCCCACGCTCAAGGCAGCGAAAATTGATTGAGG  
ATGCAGTAGAGGAGCGCTATCCCGTAGGGCTATGTATTGCGCTTGAACGTCTGTGC  
AATTGTTGCCGTAGGTAGGGTTCTCAGTTATTGAAAAACTGCGCAACGAGCGG  
TGACTTCTGCATACCGATCTCAGGAAGTCGGCCACAGCTGAGACAGAAGGTTGC  
TTCGATCTCCCACGTGATACGTCTTACTCGCTAGTAGTGGCACTGGAGTGACA  
CTGATGTGGCTGAGCACGCCATCAGGTCGCTGTAGCCCAGGTTGACATTGCC  
ATCGTGAGCGACGGCCAAACCAAGACTCAAGGTCTGCAAGCTCAACTGACGAAA  
CTTCGCCAGCATTCTCGTATCCACAGTGGCCATTCTGATCTGCGGGTTGTCTGC  
CTGAGCTCGCAAGAGCTCAATGATGTGAGGACCCAAACGGCCATGGGTGCGTT

GTGCACGAAGGTCCACTCATCGAAATGCTGCTCCCAGTGGTCTTCGCTCCCTCGAA  
GTCTCGTTGATTTCCTGATGGCTTCAGCAGCGCTCAACTCGTTGGGGCATAACTC  
TGGAACAAAATTCTGCCGACGGCAGATATCCATCGTTCTGCGGTACCCAACCTTT  
CCCCAAGGCCGGCAAGCCATGAAGTCGTTAGGGTGGGCTTCGACATTAGCCTCTCG  
AAAAGACGTTGAAACCCGTCCCCCTGGTTCCAAAATGCGATGCGGAAGTCTTT  
TCATAATTGAGCTGCTGTATGCGATCCATCGTTTAGGCCCGTGGAGTATTTCT  
TGATTTCTCAGGCAAGCCTCAAGGCTTTGATTCGGAGTGGACTGTGCTCGA  
TTGATATCAAATGGGATGCCATTGTCGCCGCGATGCGAACCCAGCAGCATCCGAATC  
GCATCCGAAACAGACAGCCCCATACCAGCCAGCACATGGCTAGCTCATCCTGATA  
TGGCCGTCGATCCGAGCGCGAACGACATCACTGTTGCCATTGGATTCTCATAGCG  
ATCTGTAGCTACATTGTGCTCCAATTGGGCTGCCATGTCATTGCTTCTGCTGAATT  
GGGCAGGTGTCCCGAGTTCCGCCGTACGCTGGGGCTGTCCCCCTGCAACCGTG  
CCGAGTTACACGATCCTGATGCCATTGGCCCTTCACGCTTGCCTAATCTGTCTACT  
AATACGTGGCATGGTGGAGCGCGAACGGTCTTGCTGCCAGTTGGCAAGCTGGA  
CGTTGCCCTGCCGCCAAACCCATTACGGCGTCCTAGCGGAGCGGGCAACTCGG  
CGCCCCAGATTAGGACGTTCCCGTACGGCGTTGGATACGGCGACAACCTGCCAGG  
CGCTTCTGCCGGAAAATTCTGCCGAAAAAGGCCTCCACCATTGGCTGCTATTGGC  
CGATTCTGTTGAAAAGTCGGTTTCCCAAATGCGAGCAGACTGATCGGTGAAAGC  
ATCTTTTATCCGCTGCCACGTGAAATCTGAGTCTGAATACCTCTGCGCCGATTCTA  
GATTCAAGCTCAGGCGCGTACTTTCTGCTGTGAAAACCACACCCGACTTTCAA  
CAGAATCGGCCGATAGCTGCCATTGGGCATGCAGCTACGCATGTTCAATCAAGTC  
TGGTTAGCTCAATATTAATGTGTTGCCGTCTCGATGAAGCCAGCTTGATCAAGTCT  
GCGCGCATTCAACCCAAACAGCTGTGGGGACGGCAAGCCAAAAGAGGTTTTCGC  
TCTTGTCAAGTGCACGCTCCAGCGATCCGGCGTCCGTACCGTGCCGCCAGCAA  
TGCTGTGATGTTGCCATTGCGTCTCGCACGTAGAGCACTGCGTCATGGATTGCCCTTT  
ACCTGGTGAACAGTTCAACTCTTAAGCCATGAGCTTCCGGTCACTCAGCTTGGCA  
CCGCTGAGTGCAACGTCCTCCAAGCGCTCTGGCCATCTTATTCCGAACGTAGCA  
ACTGTTTCAGCCGAATAGTTGATCCATTGGTAAGCAAGGCGCGCAGGTTGCG  
ACCAGCTCGGATGCCACTCTGCTTGGCTGGAGCGAAGAAGGCGGAAGCCCCAT  
CTCTGCATTGCGTGTAAACGCCATAGTAACCGCCTAGTTCATCATCCAGACTTCA  
TGAGGCGAGCCCTGCAGCGCGAGCTGAGTCCAAGCGCGCTTCATCGATAAGCTC  
CACAATGCCATTGCATACAGACAGAAAGCCTCTGATAGCGGCTCTGCTGATCGCG  
GCCAATGCGCCTCTGCAAAAATGCTCACAACTCCCTGCTGGGGCGCTGTTGT  
ACCTGCAAGCTTGGCGCGATCCGTGTTCCGTGAGAATGACTGCGTCTGCTGC  
CGGTATGCCAGCTCCCAAGACGAACGGAAAGAGTTGATCAGCTAACGTGCTC  
TGCCTGCTTGTACCCAAAAAAATGCTCCACCCCTGCCAGGTTGCCTGCTGGCTC  
ATCGGTTCGGCCGATAGGCGGTTGCTATATCGATGATGGCGGGAGGGAGCGAT  
AGTTGCGAGTGAGCTGTAGTCTTCACTCCGGACGTTGGCGTAGGTTTCAAAA  
ACATGCCATCAGCGCCAGCGAAGGCGAAGATGCCCTGGTTACGTCACCGATCAGC  
GAAATCTGCACGCCCTCATGAGTATTCCAACGTCACTTGTGCATCGGCC

AAATCCTGCGATTCGTCGACCAGAACATGCGGATAGCGGGTGGCCAATGCCCTAAG  
AATGGTAGGTTGATGAAGCAGCGTCAATTACCAATAGGCCCTAGGCATGGT  
GTATGCCAGTGCCCCCAGTTTCGATGACCTCCTGGCTTGATGATCAAGT  
TGTTCCACCCCTCCCTTGGTGTGACGAAGAACCGACTTCGATTCTACGCC  
ACCTGCACATCCTGATCGGGATTGGCGTCTGGCTCTCCAGTACTGGAAGC  
TACTTAAGAACGGCTCCGAACCCGATACAAGATAAGGGGTCGGTGGCGCCATG  
GTGCGGTAGGCATGGGGCGCAGAACATGCTGGTAAAAATCCGTCTAGTGTGTC  
CACTTCTATGCGTTGCGATTAGCGTCGCCAGATCCGAGGCAGCTCGTA  
GCCCTATTGAAGGTATTCACGCCACATTGGAAAAAGACAACACGACGACGCC  
CGCGGTGATGGCCAGCTTGCAGATGGCGATCAGTCGCCAATAGCGGTGGCTG  
TTTACCACTGCCAGCGCAGGAGTACTGCCATCGGTTCTAAGGGCGCTCGATTA  
CAGCTTCTGCTCATCGGATAGCTCATGGCTGTAAGCTCCCTGGCAAACGTGCTG  
GATCGCTTGCAGGTTACAGGGACTTGAATTGGCGTTAAAGCAATCTGTT  
AGCAAGCGCTTGGCGAAGCCTCCCTGCACATTGCTACTGGCGTCTTGCCT  
GAACCGACGTCCCCCACCCTGAGTAGTGGCTGGTTAGAGTCGGGGTAATGAT  
ATCGGTGTTGCCAGATGTTGGGCATACGCAGCCGGTCATGCCGCCATGCCCT  
CTTGGGTGGTCCTCGTTGATTCGCGTCCAGCGTTGATTCGGTGGCGTGC  
AGTAACGTCGGAACCAAGCTCGTTGAGGCATTCGTC

>CONTIG\_72\_length\_6243\_cov\_18.649117

GGTGTAAACCTGTGTAACGCTCCGACCTGGCGCTGAGGCAGTGCCGGTGGCGTC  
ATAGCTATAGCCGTCAATGACTGTTCTGTGATGCCATCGCGAGGGCAGCGAGGC  
GGCCGAGCGTGTAGCCCAGGCCATCGAACCCGAACCCGACATCCAGACGCCAAC  
AGTGGGGTGGAGATTGCCACCTCATCGAACCCGAACCCGACATCCAGACGCCAAC  
CGCTTGTCTGAATGGCCTGGGGCGATAATCCTGGTGTAAAGCTGGTCAGCAC  
GCGGCCGCTGCCGTAGGCCAGCCGGCACCGGGCCATGGCAGATAACGTGGCAC  
CCTTGACCAACACCTCGCGAGGCCACCAGGCAGGTAGCCCACCTCGCGATCT  
GGCCAGCTATTGCGGACATAGTCACCATCGCCCCGTCGGATAAACCATGCTCG  
TCAAGTTCCCGCTGCCGTAGGCATAACGGACCGTCAATGCCATTGGTCG  
TCTGGACCTTGCACCGAGTCGCGAATCGGTTAGCAATACTGCGTGTGCC  
TGCGTCCTCATGCTAGCCAAGCGCCGGCTCGAATTGCTCTCCGCCACGCAGA  
CGGCCGGGCCACGTCGTAGACAAAACGGGTCTCGAGCGCTGCATGGCATAGGTC  
ACCGACACTGGCGGTTCAAGGCATCGTAGGTGTAGGTGGCTGCCGGTAGCTGC  
GTCCTTCTGGACAGCACGTTGCCGTGCGTGTAGGTGAAGCCGGTGTGCC  
GTCGGGACTCTGTAACGCCAACAGTCGCCAGACCATTGCGCTGTAGGTGTCTT  
CAAGCCTTCCGGTCCGTACCGCTGATAGCTGCCCAGCGCGTGTATTGGAAAGC  
ACTCGTCGCCATTGATGTCGGCGGTATCTCAATACTCTGCTTCAAGCGATGCAAGGC  
ATCATAGGTATAAGGTGCTGACCTACCCATGGCATCTCCGCTCCTCAACGTGCC  
CACTGCATCGTAGGTAAAATCCGTTGGGTCCTGCAGCTGCGGTTGTTTAGG  
TGGCCTAGCTCATCGTAGAGCCGGACATGGTGGCCTTAAGCACACCTTGTAGTCC

TGGATTCTCCTTAACCGCCGTCCGGATTGTCGAGCGTGTAGACGAAGGAGTTG  
CCGTAACGATCCGATACCCCTGGTCAGCCGAATGCGCTGCGTAGGTGAAGTTAGAC  
ACGTCGCCGCCGGCAGCGAACCTGCTTGACCAAGCCGGTGGGCCAATAGCTGTA  
GCGCGTAATGCGGTATCCGCTCCGAGCCGCTGCCTGCCCCGACCATGCTGC  
CGTCAGCCGGCCTCGCGCATCGTAGCTGAGTCGGTCACAACCCCATTGGATCCTT  
CTGCGACAACACACGACCAGCGCTATCGTAACTGAGGAGCTGGGTGACCTGGCCA  
CTGCATTGGTATCGTCTTCAGGTCTCGCCCTGGCCGCGGGATAGTAGTCGTAGG  
TGGTGGCGTCGCTGAGATCCGTGCGCGCTCCGCTACACGCAGCAACACTCCCACCA  
GGGGCAGCTCCTGCGTTACGTCGGCCTGCTCGCAATAGGTGAAGGTCTGCTGAC  
GCTGCTTCCCAGAAAGGGCATTTGCTCGACCTGGTCAGTGCCTGGCACGCTCAT  
TGCAGTCCATCGCTTGGACACAACCAGCCCCTGCGCCCCCTCACATTGAGCTCGG  
TCAATTGGTGGGTACGCGCATCTCTCACTCTCGGTGCGCACCGCCTCCGGCGTGC  
CGTCGCCGACCGTCACCGCCGATTGATAACGCCGGCGTATTGCTAGGAAACCTGC  
TGCCCGATGCGTCCGTACGCTTGCAGCCGACCATCGCTGAAGTAGGTGTTGGACG  
TGCTTGCTGGCCTCGGTTACGTTGACCGGGCTGAAAATGGTAGACCCATACT  
CGAAGCGCTTGACCGGCCAGAAGCTTGTGACTTCCGTAACGCCCTCGGCCACGT  
AGTCAGGGTCACTCCATCGACCAACCTCGGTATGCCATGGAGAACGCTGCTGATCA  
CGCGTCCATAGGTGCGTAACCAAACGAAGCGTAACGCTGTCGTTCTCCCCAGTGA  
TACCAAGTCAAATAGTTGACCAAGCTGGGCTCCGCAAGCCCCTCTCATGATAGTGGT  
AAAGGCCTTTCGCCGTCGGGATACGTTGCGACAATCAGATTCCATCCACATCGT  
AGTCGAAAGGACGATGCCGCCACAGGAATCTCATGCCGTGACACGCCGTG  
GTATAGGTGAACGTACGGCGGCCATGGCCATCAACCAATCGCGCAATGCGCGT  
GCCCTCGTAAACCACGGTTACATCACGATCCGGGAGGGCTGGATTGCGCACCGCGA  
GCAGCTGCCATCCTACCGAAATCGCGTATTGCCAGTTCTCGATGACCCGGT  
AATACGTAGTGCTGTTGCTGATGCCGATATAGCCGCCCCGAATTCTGAGCACGGC  
CGGTGCCAGCAGCAACCGTGGTAAAACATCCCTGTTGCCGCCCTCGATATAGG  
CTGTGTTGGAACATCGAATCGATCGCTGTAACCTCAGCGACCGCCTCTCCGACCG  
GAATGACACTCTGGTCTGATTGACAGAATGATAGTAGCGATTGAACGAGCGACCT  
GCGAACTCAAAGTCTTCTCTCGCGAGACTGTGCGCTGCGTAGGATGGCAAGGA  
TTGTTGGTGCAGCTTGGAACTGCTTAAAGGTGAGGTGACCCAGGTGTTGTCA  
TCGTTCTGGGCTTACAAAGAGCCTCCGCGTAAGAGCTGCCCTCGCGAGAATTGAG  
TTCCCCAGAAAAGGCGTGAAGTTGCTCGCACGTCAACTTCGCTTTTAGACAT  
TCCAGGCCACGACACCGAGACAGGTGCCCGAGTCGACGGACAATTAAATGTC  
GAGGTGAAATATTGCTGAGCTAGCTAACATGCCACTGGAAAGCAGACCCAGT  
CCCGCGTGTGAGTCGACGTTGAACATTGAGCTGGAGCGAGCAAGATTCCCG  
ACCTTGGTCGTTAGGATGTCCAACGACTGGCGATGAGTGCTCCTCATCCGTGCAC  
CAGCTGATCCAAACTCTGGGACGGTGTGCAGCCGGGTTCCGACCCGTAGATA  
CCTAGGGTGAACCCATAGGATGGTTAGAGACCGAGGTAGCCTTAGCGACGGCAC  
ACGGAAGTAGGTCCAGACCTCTCCGCCCGACTAAAAACCTTGTAGTAGG  
CCTTCAAATACTGACCGATGCCCTGGTAGTCCCTGGAGTTGCGAATGGCATGGCGG

CTTCTCCATCGTGTAGCAGCCGATGCCGCTGCACAGAACGTAGCCTGGCG  
GGGTTTGGCCTGCGCAGGGTAGCAAATTGCAATGCATAGGCCAAGAACAA  
GGCGCCAAGAGCGCCGCTAACCGCGCTCATTGACAGAACTGAGGAAGCAGAGA  
AACCGCCACGGCCGAATTGACACGGAACACTCCTGTCAGCTGACTGCAGC  
ATCAGTTAGGAATCCATTCCCACCCACCCACGCTGGCAGCGTGGTATTACAACC  
AATCCCATGAAAAGGACGGCTAACGTTAACGATATCGGATTAGCGATGCCGAC  
AAGCAAGGCCTTCCAAGCAGAAACTATCGTCTAAATCATGGTGGCATTGTCAGCG  
GCAGTGGTTCGGGCACCCGAATGCAACGAAGTCAGACCGTTGCAAGAGCCTGTT  
CGCAGGTTGCTTCAGTGTGACATGATCAGAGCTCACGCTTCCCTTGCTA  
GCGCCCGCTGCCATGGGGAGTTGCTGACGCCATTGTCTGCGTAAACTTGG  
ATCTCGCCGGCATGAGCAACCCAAACAGCCGCATGAAGCAAGTGTGCGGTATTG  
GTCGACTGCGACAACGTGCCGACCGACATCGTCGAGCACCGTGGTCTCATGGTGGC  
CCAGTTGGCCGGTCTGCTGCCGCTGGTATGGCAACCACAACACCCTGCCA  
ACAAGTGGCAGGAAGTCCCTGGTCCGCCAACGCTCACCCCTGCCCTCAATATCAAT  
ACGCCTCCGGCAAGAACACGGCGACATCGCTTGGCGCTGACGCCCTGGAGGCG  
TTGTCGATCACCAGGCCACACCTTGCTAGTGACGAGCGACTGGACTTTCTT  
ACCTTGCCGCAAGCTCCGGAGCGTGGAGCGACGGTCTCATGTTGGCGAGCCC  
AAGACCCGGATGCCTTGCACGCCCTGCGACAGTCTTCGAATGGGACCGGAC  
GCCAAAGAGGTGGCCGCACCCGAAGTCCAGGGCAATGAACGCCTGTGAAAT  
CGGAAGCGACGAAAGAAGAACCGCCCTCGCGTAGAAACCAAGCCACTGCCAACG  
GGTCCCCGGTCTGGTGAAGCCGTGACCCACTGACCGGCACACTCCGAGGG  
CAAGGTAGGACTGTCAGCACTGGCCAATACCTCAAACGCACTGACCCATTTTC  
GCCCAACCTTACGGACACTCCGGCTGCTAACATGGTAAAACCTATGACCTGCT  
GACAACGCAGCGAGAGGAGACCGCGGTTGGTCTGAGCATCTCGCACAAGCCAG  
AGGTTCTCGACCAGACGGGATGATCCGCACTGGATTGATGACCGCCGTGGGGCGAA  
AACCTTACGTCACGGCATGTGAGCTACTCCACCAAGGGTGAAGCAAACCTTGAGCTT  
AGGAAGATGCCGCTCCATCCGATCTGCTGCCCTGGACTTCCTGGCTGGCCCCGG  
CGCGCGCCGGGGCTAGGAGCGTTGTCCCCAGCGGCCAACGCGACGCCAAAA  
ATGGTCAAGGCCACTGGATTCCAAAGCGTTAGCCGGCACCTCCGAAGGTCTAT  
GGCCTCAGCCTCAAGTCATTCTCCCTTCTCGCAAGCCTATGGAAACAGGAAA  
TCATGGCGCACGCCACACTAAAGAAAGGAGTGCCTGGCTTGACGG  
CGAATGATTATGGTGCCTAATGGACGGCGTAGCGGCACACATCTGACCTTAGT  
CGCAGCAGGTGAGATCAATTGACCACAATGTCGTTATCCAAGCAGACTAACAC  
AATGACCGACTTACGTTAGCCCAATTCCAAGCACCTTCAGATGCTCAGAAGAT  
CAAACGCCGAAGAGGACAGGCAAGCTGAGCGCATTGAAAACATACATTTTG  
GATTACTGGCTCTACAATTTCGGCTCGCGTATTGCCCGGTAATTGAAATG  
GATCAGCAAGCCAATGCTAAGGACATCCTCGTGGTGTACTACTGGTGTGGCGG  
TTGGATTCTGGCGCTGGTCTCCTCAAATCGCTCAAGTCTTTAGCCGGAAAG  
AGGGCTATGAACCGATGGCAGAGCGAATCGACACTGCCATCTCATGGAGAGCAAG  
ATTCTGGACGAACCTGGCACATGTAACCCGAGACTCTCGAGAGCGCTCGAACGCA

CATAGATCTGAAAACAAACTCTGACTCGCCGAGCAGGATTATCCACTTCTTCGG  
CGCCATTAGCGTCGTGATCAATCTTCGACGCCGGTAAAAGGTCAACATGTG  
GGCCAACCCAGCTATGCCAAAGTATTGTTACGCCGAAGCCTTGCATCCTTAT  
CGGCTCGATCGTTCTTATCTTGGCCGGAAAGCTCGAGCGATTGCAGGACTGTT  
CGCACTAGCGGCAGATCGCATTGAGCAGAGGCAGGGGCCAAGGCAAGGGATCGC  
TAACGCAGCACGTCACGACAGCCTCGCGCCGCCAAGCTCCATTCCAAATT  
GACATACAAACCATTGAATTCTGCGCGATTCAAATTGTAAACACCGCCCCGAAG  
CGAGCTCTTGCAGAAGTGGCGATTCTTGGATGAGGACTTCCCCACACACAGGA  
GTTTCATGACCACCCATCCCAACAACACTGAAATCGCTGGCCAAC TGCTGCCGG  
CTGATGAGCCAAACGCTCTGACGAGCCACTGGTGCGCCAACGCAATGTCTGCAAT  
GCCTGGGCC

>CONTIG\_73\_length\_6229\_cov\_5.841527

ACTTCATGCGACGTCA GACCTCCTCGCGGAGGT CATTCTGCTGGTCGCCAAGCTTC  
CCGCCGCAAAGCAAAAGAAGCACTGAAACGTTGCGCAAATTGCGGAGTCAGCT  
GAAGGCTGATGCCGCCGTGCCGTATCTAACGCACTCGCTGTCTCGAGTCTCGC  
CACGTGGAAAGCTACTCACCAAAACGAAGTGACTAAAGTCGCAACTCATCAAGTT  
CTTGGCGCAGTTAGCTTCAAAGGTGGCTACGTGTCACGATTCAATAAGGCCT  
GGCACATGTTGAGCAAGCTCTGCGCAGTGAACCTCGAGTCGCCGTAAAGAGGTAGTAGGCCAA  
GCATTGGCGAGTTGATAGGGCCAATTGCCCATCGACCATTCTGTTGAGCTCGAT  
AGCCCTCGCTGCCCTGGTGACAAGTCAGGGTGGGCCGATCACGATCATAAGCA  
GACGCTCCCACTCCTCATCTACTCTGGAACGTGCTGGCGGGCAGGGGAGCGACAT  
AGTCCATCACGCGAGCGAAGACAAAGTCACAGAAAGCCTCACGTCTATGGCAGAAC  
GCGCGACGTGCCAGCGGGCCCCATCGTATGCGAGCCCGCGGGCTGATCTGACG  
CCGCGTTGGCTCGGGTCACTCATGGACTGGTAGTTGATCTCGATGCTATCCCCGT  
TCGAATCGCGTCAAACACCGCTCGCAAGAGGTCACTGGACAGACACTAGGGT  
GTCGAACAATCGCCGTCTTGGCACGTCTGCTAAAAGCTAACGTCCGCAGGAATCA  
TTCCGGTGGTCAGCGCTAAAGCTCTGCCAAATATCTGCTGCTGGATCTACCA  
ACAGTGGCGAAACCGGTGCGAGCGATATGATTCTCGCTTCGATCGTAGACCA  
TGTTTCGGCGCCTGCGCTGATACTCGCTCAGGTCCAAGGAAGCTGGGAAC  
AAATGCCAAAAATTGGTCAGCGAAGAGCGATTCAAGCGCCGCTCCATTGAAGG  
CGGGAGTCATGAACCAAGCGACGGCTTGGCCCCAGCGGCCCTGACGGTGATT  
AGCAGTTGGTCCATAGTCTCAATAGTAAATGAGAAAGGGGTGATTCACTATCCGCT  
TATTGACTAGGTGCATCTAGTGAGTGTACTTATTCTACACCGCGGGCGCTGTGACG  
CCCGCCTCAGGAATAGGCAGGTTCATATGACTCCGATGCTCACCTTCTCCGGTTG  
GGAATGGCGATATGACGTTGGTCAGCTGCGATGAGAGTCCATCTGATCGACT  
GCAACATCCGCAAGGCAGCGATGACCCCGCTGACTCTACGGCGCGATGTCGCC  
AAGGATCTCGGCAGCGTCTCAAGCTGGACGAAAATGAGCGGCCCTACGTAGATGC  
CTTCTGCTAAGCCATCCGGACGAGGATCACTGCCGGGCCTTGCAATCACTTCTA

TCTAGGGAGGTTGGAGGACTACCCCGACGACAAGAAGCCGGCAGCAGAGAAAGCGG  
ATCGTCATCCGGAAATGTGGTCTCGCCCATCGTGTTCGCCGGGCTCCGATGTG  
CATGTGCTGTGCGACGACGCAAAGGCTGGCAACCAGAAGCCCGTCGCGTCGC  
TCACTTCAAAGAGTCGGATGGCCGGCGGGCGATCGAATCCAGATTATGGGTG  
AAGACAAAGGCAGAAAGACCAAGGGCTAGAACGCATCCTCGTCCGAGTGGTGAG  
TTTGTGACCAAGATTAATGGGATTACAGCTCACATTCTGGTCATTGCTGGCAC  
CGAGCTTGGTTGCGACGACGAGGAAGTCTGCTGCGAGCGAAGAACCGACTCC  
AGTGTCACTCCTGAACATTGAAATCAATGCAACTTGGCCGGCATGCCAAATTCCGC  
TTCCTAACTGCTGGCGATGCGGAGGTGGCTATTGGAACGCCTGTGGAACAAGCAC  
AAGGGTGCAGAAAGTGTGGCATATGACGTTCTACAAGCGCCTCATCACTGCTCC  
TGGCGTGTGCTGCGTGGACAGCTGGTCCGGCTGTGGAGAACGACGCTGAAGTCTCT  
GCAGACGCGCGTCTGCGCTAGGACAGGCGCGATACGGGGCTAACGATCATTGCTAG  
CAGCAAGCCGGTAAAAGACAAGGATGGCGATCCGCCCTGCACACGTGCTAACGGG  
AATACGAAGACATTCTCGACGACAAGTGTGGAAAGTTCTGTGCACTGGGAGACG  
CCCTTACTTGGTCGCCTAACGCCTATTGAGATCGAAATCACCACCGACGGTCCGCGA  
GTTTGTCCGGTGGAGGCTGCCACCGCTGCTGCCACTGCTGCTGCAGCGGCCCG  
CGAGCGGGCTCCATTAAAATGACTGACTACTACGAATGCGGTAGCCAGCGGAGA  
TGGCCGATGCTCAGGCTGAAGGCCGGCATTATTGAATTGCTGGAGGCATGTCAGC  
AGCATTGGACGTAAGGGTTCTTGGCTGCTCGGCCGGAAATCCAGCACAACTTG  
GGATCGTGTGACGTGAGCGACGGAAGCGTGGCCCCAAAAAACAGGTTGGCATT  
CAACCAAGGGAAAGGCTTGGCTAACGACTCGACCCGTGGGCAAACGAGCGCCGGA  
GGTTTGCCTGCGATTGCGCGGCAGTTCCCCAGCTGCTCCATCTAACGCGGTGCTAG  
CAATGAGCCGGCATCCCTTGTATGAGAGCTGGCTCATGAAGGTCGGCACTG  
GACTGCCAACGTCACTTGCACGAAATTCTGTGGCTACGTGAGACTGCTAACGGG  
TTCTTGACGGAGCTGATCAGCCGCTGGAGCCGCTGTTCTACGGCACTGGCTATAC  
CGTCATCTGCCATCGCATTCAAACCCAGTCGGCTGATGACCTTGGGCTATTGT  
TTATCAGCGTTAAAAGAGATCCCTCGGGCTCTACTTGGTCGCGTCTGACGCCACG  
AATAGTGCAATCAAGTGCAATCCAGCCAGTGTGCTGGAGCTTCGCGCTGTTGAG  
CACGTTCCGATTAGCGCCCGCCTACAGACTTAGGTGGACTCGATGAAGCGCTGTCC  
TCCTGGGATATCCATACTCGAGCCCTGCGTGAGGCCTGCGTCAGTCCGT  
ATCAACTCTCAGCCGGACGTCCAAGCGGAAAGGCTCTGTTGATCTGCGGTTACCC  
CGACTTCGAGACGGTCAGGTGGAGCGCATCGACACATGTGCCTTCTAACAAATGTC  
GACATCAATAGCCTAGGACTTCAGATTGGAAGCCTGTTCCAGCCATCCCCGGCGGT  
GATCCGTTGCCGTTGAAGAGCTTCTGGAGCCGACGCCGACATCGATGAGCG  
GTGGAAAGCGGTGGAGATTGTGCTTACCGAGATCAAGACCATTCCGCTCGCTCGGA  
CGCACGTCATTCTCAGGCATATCGACAACTGAAGGGATTCTCCGCTGTATTGGC  
GGGAGTAGGGGCTTGGGAGTGGCTGGTCGACACTTGGGTCGAGAAGGCTGGG  
GGCGGTGGACGTGCGTCACTCCGATTATGTCGAGCCACATAACCTGATTAGGCACA  
TTTGACTTCTAAAGCGGTGGGCATCCAAAGCCGTGTCAGTTGTGCGCAACTAG  
GCCTTGTGTTGGAACAGAAGACTCTACGCCCTGCCATTGTCGCTGAAGCCAACG

ATTGGTCTAACCTGCAGTGACGGCAGCCTGGAGGGGGCAGAACTTCTGTGGACG  
CCTCGACGACCATCGATGTGCCCGTACTGGTCTGAGCGTGAGCTCCTCGAAGTG  
CGTCTGTGTTCTCACCCACAACGGCTTGAGTGCTGTGATGTTGCTGAGGATGCTG  
GGCGCACCAACCGCCTGCATCACTCGAGGCGCAGTATTACAGGGCGGTAATCAAC  
GAAGAGTGGGGAGCTAACCATTTGGCGCAAGGAGATCAGGTGCGAGTTGGTCGCGG  
GTGTCGCGATCACAGCGTTGATTACCCATCGATCTAGCAAAGCTACACTCAGCCA  
CCTTGCACGGCGTCTCCGCCTGAGTGCGCAACTCGGATGCTGCGCCAAGTCTG  
GACGTTGGACGATGCCACGGCGCCCTCTCCACTGACTGCATCCAGTTAACGAAAA  
CCAAGCAGGTGCACATAGGAGATTGGCATGTCCGCTGGGACGAAGGTCTCGAAGAA  
AAGCTCCACCAGATGAGGGCGGAGCAATTGCCAATGAAACGGGAGGAATCTTGGT  
TGGAGTGGTCGACCAAGTTCTGCGGACTTGACACTTGTGGATGCTCAGCTGCC  
GATTGACAGCGTTGCCGACAGCGTCAGCTCGTGCAGGGCAAGGAAGGGAGTCAAG  
AATATGTTGAACGGTGTGAGGTGCTGACGGCAGGGATGGCAAGCTACGTGGAGAG  
TGGCACGCTCATCCCGAGGGATGTTCCGCCAACCTAGTTCAACAGACGTAGTGTG  
TTGAGGACACTCACCGACCGCTGGCAGCCACGGTGTCCCAGCTGTGATGGT  
GTTTCCGCAGATGCAGTCAGCATCTCGCTGGTCAATCTGTTGTTCCGTAAGCGAG  
TAGACGCTGTAGATCGGGTGTACTGAGTAAGCCGGAGCCTGAATGTCAAATACAA  
ATGCGCTGACCGAAATGATTCCCTGGTGGCCATCCTACGATCGAAAGCGAGGC  
TTGCGCCAGCTCATGTGCTGATGCCATTGCTGACTGTGTCGTTCATCGTGGCGT  
TGAAGACCTTGATGCCATTGCTGAGGGTCTAGCTGCCATGCTGGTACCTCTGTG  
ATTCTACTTGCACTCGTGAGGTTCAAGGAAAGCAGCTAGAGACGAAACTGGT  
AGAGAAGTGGGGCGGTATCTGAGGTATCCCCACGTTTCAGTTCAAGGACCATCTGG  
TTGTGAATGTGTTGGCAGTGTGCGTAGTCGCGTAGCCATTGGCTGATGAGCTCC  
ATCGGCCAGCGCTCGCGCAGGGCTCGCGTCCGATGCGCAGCGTTGAGTAGAGTTT  
CGCTTGGCTTGCCTGGCGACAGCCAAGCCCGTGACCGGATTGCTCGCTGGCCATG  
CCCGCCAACCAGCACGCAAAGCTGGCAAGTGTGTTGAGCATCAGCAAGATGCTCAG  
GCGCGGCCCTGGCGGGTCAGGCTGTCTCGAAGGCTGCGCCGTAGCGATGCGACTT  
GAGATCACGGAAGCTGCCATCGACAAGATCTGGCGAGGCAATAATCAACCAGGGT  
ACGTGCCTGGCCTCGACAAGATCTGGCGAGGCAATAATCAACCAGGGT  
GCTCGCAGCAGCCTGGCGCTGTGCGAGCTGCGTCAACTCGCTGCGCAGCGTCG  
GTTGAGTGTGTTGCCACGCGGTGATTGCCATGCACTGCGCAGGCTACAGGCCAG  
TGGATCACTCGATTGATGTGCATCAGGCCAGCTCGCGGGCTGTGGTTGACCCAG  
CTCCCAGAGGGAGCGGCATGACACCCACTGGTGGGCTGATCTTCACCTCGACAG  
GCTTGACCAAGCGTGGTCCCGCGCAGCGTCCAACCCAGCTCCATCCAATTGCTG  
CCGCCCTGAACCAAGCGTGGGAAGCCAGCGTGGTGATCAGGATGGACGGACG  
CCGCCTGGCATCAACGCCATGCAATTGCTTCAGGAACCTGGCGCTCAGCACGTGG  
CCCTGTTCGCAGCGGGTAAACGCGATCCAACAGGGTCAAGCGTCCAGCGCC  
TGGCACAGCGGCACGCAGCAGACACCACGATTATCGGCCTCAGATCGCTCCAGTC  
AATCACGATCAAAGGACGCAGCGGGCTGCGCAGCAGCCAGCGGCCATCGCTG  
GTGATAAGCACTCGCGTGGAGATGATGGTTGCTCAGCAAGCGATCCAGCGC  
CTTG

AGCGGTGCACGCACGCGTCCGGCACCGGGCCAGCAACGCGCTAGGTCGATCAGCGT  
CAACCGCCAGCCTGAGGTAGCGCTTCCACGGCCTTAACAAACACCCGTTGGCGA  
AGGCATGCATGGCGCAAATGCATCGGAAGACACCTCTGCAATACTTCACTGG

>CONTIG\_74\_length\_6209\_cov\_6.801381

TACCGCTTGAGCAAGACCGAGCGCGAGCAGTGTGTTGTATGGCGAGTGGCTGATCGA  
TACGAAGCGGAACGGGCCTAATGGCATACCGCTCAGGAGGCCGAAGCCATTGAGC  
GCAAGTATGGTGCAGGCCTCGATGCAAGGGCGCAGCGCTCCGTAGCATCCAGCGTT  
TTGCCGTTGCCCCAACATCGTGGACCAACCCTCTATGACAGGCAACGCCGGCT  
TGGACATCTACGTGCCGATTCTGGATCACCGGATTCCAGGTAGAGGGCATCACGG  
GCGAGGGGTTGTCGGACCAATGCCGCAGTGAGCGATCTGTTGGACACCCAGC  
ATGCCGGGCACTTCATCTCCGATCCGCATGAGTGAAGCGAGGCCACCGATTGT  
TCAAGCAGGGCAGGGACGCCAGGGACGATCTGGTGGCTTCACCGTCAAGCGGGTC  
TGGTTGGAGAACGGAGGCCGCGCCGAGGTGGACGTCGAACCGTCCAGGTGG  
TTACCGAAACGAAGTCATCGCGTGGACCTGACCAAACAGAACAGAACGGAGAGTCTT  
GATGCGGACCATTCAACGTGTTGGATTCTGGCTGCTCTGGCGTTGGCTTGTGCG  
GCCTGTGGTGCAAAGCATGCGCCGAGCAGGGAGGACGCTGTCAAAGCAGTAGAGCA  
ATTCTTACTGAGCAGGGAGGCAGGCAACGCTTCAGCGGACTTGGCGTTGCGAAG  
TCAAGGAAGCGAGCGGGCTGGAGATCGCTGCACAAAACGCTCAACGGTAACCAAG  
GACTGCCGGTCTCCGGGACCGTCGATGGACTGGCTTCATTGGCGATCAGCCCACG  
ACGCCGAAGGCCAAGGAAATGCCCTAAAGATGACGATGAAGTCCGGCCGGCGGG  
CGAACGTTGGAACTGGTCGACGTGACCGATAACGGAACATCTGCCGGCTGACCC  
CGACCAACCAGTTGCCATGCAAGTTGCCGTGACGCCGTTGGCTTGCTTAAACAGA  
GGAAAAGAAATGAACCACCAAGCGAACTACCCCGGGCTTATGCGCCGACCGGGCC  
GGCTGCCATGATCCTGCCCTGCGTTATTCTGGGCTTGGCATGCTGTTGG  
GCAGGCCCTCGACGCATTTCAAAACCCAACAGCTGATGGCTGGCTACTGCGCA  
GGTGGGCTGCTTATGCCGGCTTCCCTGGCTTGCCTGATGTTGCACATTGCGCC  
AGCAGGTCTGGGCTGGCACGTCAAGGACCGGCCGATTCCCTACTTCGCAAAGGCG  
GGTTTCTGAAAGGGCGCTCGTGGCGGGATTGGGCTTGCTATCGTCTTCGTT  
GTGCCGTGCTGGCTGGAAGTCGCGGAACATCGGTCTACGGTGAACTCGCTACCG  
CTGCCCTCTACCTCGCGTTCTGTGGGACTGCCTGTTACGTGGGCCACACTCAT  
CTTGGCTGGCGAGGCGAGCATGGGATCGCACGCCATCCATCAGTTGACGTAT  
CAGCTTGAGTTCTCCAGTGCACGCCCTCAACCTAAAACGGTTTCCGCTGAGGC  
TCTTGCCCTGTTGGCGTGAAGCGCTTATGAACTGCTTGCCTGCCAGGTGACGACTTC  
TTTGGACCGGACGTGGAAAAGCTCGGTCAAGCTCCGCATCTGTTCCCTCGGCTGG  
AGTCCGCTGAAGAACCCCTGTCCTCCTGAGCGCAAGTTCAACGGCGGCCAAGTGGG  
CCCTAGCTCGTGCATGTCGACCGAACCTGTTGGGATTGTTGCCAGGTGACGACTTC  
CTTCCCTCGCTCTAGAAGGGACAGGGCTCAACTGCGTTGGCGTGATCTCTAGGG  
TGTAGCTATTACACCTGGCATACCTGGCGCTCTCGGAGGGCGCCTAACGTAAA  
TCTTCCTTAGTGATCGGCCAGTCACGCCTAGATCTATGGCAAGCGTAAGCACT

GGGACTGATGAACAAACGACTACATTGGCTCCCTAGTCATGCGACGTAGAGA  
TGTGCTGCCGTACGGTTCCGGCTCCAATAGAACTGCGACGTAGCTCCAGCCCT  
TAAGTAGCAATGTGCTACCAACAGCGCGTAGGCATGGGGAGCGGGCATGGCA  
TTTCGCTCGCGTGCCTGCTGGTGGCGGCCAAAAATGCTTTGCCGCGCTGCC  
GATTCCATGGCAGACCTACAGCAGTGGATGAGCTCCGGACGATAACCCGAGTGTC  
TGGGTGGTTCGCGAGCGCGTTAACAGAGTTCCAGCGCTCGTTCCAAGAGCGATCGCT  
TCCAAACGCTACAGCGCCCCCTCGGGGATCGTGGTGGATTCCCGCCCTGTTGGC  
TCGCAGGCTTCCACGCAGGCTAGTAGTGTAGTTGCACGCCAACCCAGTCATCATTTC  
AGCACTGAAC TG CAC GAG AT CTT GCAG CGCC GT TGC GT T CT GA AG AT CAAA AC GGC  
GGGCAAAGGCCGTCAAGTCAGGTAGGTCCACTCGTCAACGACCAACCGCACCTGGT  
GTCTGACTAGTCAGGTGTAACGCCCTCAGCTTGCAGTCAGGCCAACGACAAGC  
ACCGTCCCTGTCCGGCGCGTTAGTCCCGCAGCAGTTCGTTGACGGCCTCG  
TTGCCGGCTGTAAGTGCACCCAAGTGAGCTGGCTTGGTGGTCCGCAGGTGATT  
ACCTGTCCAGCTTCAGGGTAGCCGAGCTTGTAAATAGCCATTGCCAACGTGCCTCT  
GTGCCCGCATTGCCAGCGCAAGGTGTGCCTAGTGCTCCAGATGAGGGAAAGA  
CCCCTGAACATCAGTTGCCAGTTCAAGACACATGTCGGAACATAGATGCCAGTGCACACACCA  
GAGCGTGTGGACGGTGTGCAATCCTGGTATTGCTCCACCCATAAACGGTCATAGG  
TCGCAGTGACCGCTGGAAAAGGTGTCCGCTGTCAGCAGGCTAACAGAGCAGCTTG  
CGGATAGCTGGATAGTCCGTGGCGGGTTGCTCAGTCCAGCAGGTGAGCGGGTG  
GCCGCTGCGAGAAGGAACTTGTGATAAGTCGAATGCCAACATCCATCGATTGTTG  
ACAGCCGATACGCCGACCGGGAGTGTGCTTCAGGTGGCACGCATGAATCTCCATAGC  
GCAACGCCGCATTGGTATGCGTCAGAACATCAGGACCGGCTGCCAACGTGGCTCCA  
GCCAAAGACCTGGTATTAGCTCCGTCTGCCAGCCGCCGGCGGTGATAGA  
ACCACGCTGGATAGAGAGAACGGTCGATCTCAGGTGGCACGCATGAATCTCCATAGC  
TGATCGATACCGATTGAATTCAACTTCTGCAGCTGCGTAACCATGAGAACGATG  
TTTACGACAATGTCTGGTAGGCAGTCAGCGATTGAACCATTCCGCTCCGCGAAC  
CGTGAGGCAGGTTCCCTAAACCTCTCGCGTTCAAGTCGAATAGTCTGTTGCCGGTCTCT  
GTGCCTCAATGGTGGCAAGCGTCATCGATTGTTGGATCTGGCTTGTGATGTGCTGAT  
TCATCAGTTCTCTCCAACCAGCTTGGCTGGTAGGAGTGCATCAATGGATGT  
AGCAGGCAGGCATCGGAATAGCTCATCCTCCAAGGTATGTTGCTCGCCATGTGGC  
GAGCTCTCGAGAGTCGATGCATAAGCTCCGCTACGCCAGCTTGGCATCCTGTC  
CGCATCAATGAAGACAAGGGCCCGTAGGCCAGCGCTTAACGCTGCGCGGCC  
CAAACCGCTGTCCGGCTGCCGCCAGCGTTGACGTAGGAGCCTCCAAGCGCC  
AGAAACGAGGTCTCACCACTTCCACGCCCATAGATCCAGCCCCGGATGAAACC  
CACTTCGCTTGCTCCTCGCAGACGATGACCGACTTGGCAAAAAGGCTCCGGTC  
GGCCCTGAGCGTGTGGATTTCGTCAAGACGTGCCTGCGACGGTGTGAGGGAA  
GCCGAAATGCCGACGTGTGACAAATAGCTGATGCCGGACAGCTCGCGCAAGGCAA  
CGGGCGAATGGGTGCGTCAAGAAGGCTGGACCGGTGGGGTAGCTTCTTGGCTCCA  
GCGAATCCAGCAGCCGATCAGCCGATGAGGCTCCAAGCCGTATTCCACTCGTCGA

CAAGCACGATTGGGGCCCGTAGCTGCCGCACGCTGGAGGCCAGCGACCAGAAGA  
CGGGAGGAACCTGTCCCAGGGATCTCAGCGGAATGCCCTGCTGGTCATGCAGTGC  
GATTGCCTCGCCCAAGGATACTGCGTAGCGTCCAACAGCGCTTGAGGAGCAG  
CTCCGACCGATACGCCAGGTTGAGCGGTGGCTGCACAACGCCAGGGCTTGG  
CCAGGTGTGGGTGGCGGTAGTGCCAAAGCTGCTGCGAGCGTCGCCGGCG  
GCCAGCTGGCTCCAGCTCAGCTCTCTCCGTCAATCGATTAGACTGATCCA  
CGGCTCCAAGACAGGTTGGACGCCAAACTGGCCTATCGGCCGGAGCAATGGC  
TGCACGTTCCCAAGGTAGGCTTCGCTCAAGGCCGTCCCGTAGCGCGTTCTGA  
GAACAAACGTCCAAGAGGGCTCAAGGTCCGATTGACGATTAGTTGAGCGTAAGGA  
CCGTCTCCCATCCAGCCTCGGTTCATCCTCGATGGTCCAGTCGTTGCGTCAAAACC  
TCTCAGAAAATCTCGTAGAAGTCGAGGTCCATGAGCGAGGAGGGCAACGCC  
GCGTAATGCGGATACACAGCGGAACGGTGACGTTGAGGGCGTAAAGTCTGCGTC  
CCGAAGGTCACCGAGCGCCGTGCTCCAGGCAGAGATCAATGGCGTCCAGTACGT  
GGACTTCCGCTATGCCGGGCAATAAGACAGTTAACCTCCTGCCGGACGGAAACC  
AGTCCAAGGATTGAATGGAGCGGAAGTTGCGAATAGCAATGTGCCGGATCGAGAC  
ATGCGCTATTCCCATGATTGCTAACAACTCAGTGGCGCGATACTCTGACGGCG  
ACACCATTCGCGAAATGATGACCGTCAGCGTAACGCCAACTGACTCAAAGGAT  
GGTCATGCGAGTCAAATGCTCGACTGCCTTGCAGCTTCAAGATGGACGCTATG  
CCCGGTATCGAGGCACCTACGATGGCGATCAAACGGTAAAGAGGATCTCAGAAG  
ATTTAATCCTCGCTCGAGTCTGCCGGAGATCTCTGCTCGCGTCAAGTGTACG  
GCTTGACTATTGCTCCGTTCCGGTCGCCATGCCAAAGAAGTCCCTCCAGAAC  
CTCCTGATGACCCAGTCTCGACTTGCAGACTGATTCCGCTTCCAGTCCGAAT  
CTTTGCCGAATCGTGTGAGGGCAGCCTCGAGCCGCTCGATCCTTATGGTCC  
CAAGTTCTGAAAGGCTCGCTGCCATACGTGGACCTGGCTAAAGGCTGCCCTCA  
TTGGGTCGTCTTGAGAAGGTATCCACATATGCTGTGCCGCTCCAGGGCGGCTC  
TGAGGTGTTGCTAAAGCTGTATCGATCCTGAAGACGTTGAATAAGCTTGGG  
TGTGTGCTCTGGCAAACCTCCGGTTGATGGCATTGGATGATGAAGGGCGAATGTA  
TCATGCCCTACGTAGAAAACATACCCAAATGGCCAGCTGTATGTGCTGAGATT  
GGGCTAAAGGTTGATGGCCGAGCCGATAACGCGCCCTGGGGCATTATCGGCCTC  
AATCAGTCGGAGCAAAGGAAATGCGTAAACTCTTATTTGGCAACGGACTGGG  
ATGGCGCTTGACCCCTGGCTGTTAGCTGGATGACGCCATCGGCGTGTGGAC  
GGAGAGGGGATCTCGACCAAGAAACGCGCGCTGTCAGATGCTGCCCTGGTGA  
TGATGGAGACACCGAGCGTCCTCACGGCGAGGATGACTGGACGCTTCAGTTGG  
GGTCTCGCCTGTGACTTCCTGGATCGATGAGCCGAGGCCGCTCACTGGCTCAG  
TCAACATGGGCAGCGCTCCCTGCCGC

>CONTIG\_75\_length\_6033\_cov\_25.067050

CACCGAAATCCAATCGGGTCGAGCCTGGAAATACAACCGGGAGATGTACAAGCGG  
CGCAACGAAGTAGAGAGACTGTTCCGTCGCTTGAAAGGCTACGCCGGATTTCTCG  
CGCTTCGAGAAGCTAGATGTCATGTTCCCTGGATTCCCTCAGCTCGCCTAGCGTTG

ATGGGCTTCGGATGTGTTAACAGGCCCTAATTGGCGTTTCTGAGACAGACGCTCAA  
GGCAATAACGCAGGCTGTCATCGATGCGGGGGGAATTGTTAGATTGCCGACTGAT  
GTCGTGTTGCGCAGAACAGATAACAATAAACCGTGTGTCAGTCGCTCTAGGC  
GGTTATGTCGGGCCTGCTCCACAGAGGATTATGGCTGCCACGCCGTAGACGAG  
GACCACTTCATCCGACCAGAACCCCTTGCAGATGACCTCGTCACGGACGGTCC  
AGGATTCTGGCGTAAACCATGAGGGCTAGGCTATGCTCCGCCGGCTGCAGGTCA  
CGTATAGAAGGCACGTGTTGGCGCCTGGGAATCGCCCCCACCTACTCCTCT  
CGGCATCTTATCGCGACCTTGACACCAAGGATCTTGTCTAAACTGAACGTGAATC  
CGTCGCTCGTCGTCAGTGTGACACCAAGCAGCACCGCGAAACTCGAGTCCCTCA  
CCCCCTGATGCGTATCGAATGCGTAGTCCCCTCGCATAAAGGGCATGGCGCGA  
ACCTGAGAGAAGGGCGCTTGCAGCACTCTGCGCCAGGCATGCAATTCTGCGCTGG  
GCGTCGCCCTCAAGGGCACTTCGTCGTCAGGCTCCTGTGCGTTAAGGGCATGGCG  
CACTGCATTGGCACGGTCAGTAGCCCGCTCTCATGCAGTCCGCTGATGACCTCGCG  
CACTGGAGGATCGCGATCACGCACTGCTCAGTCAAGCGTGTGCACCGTACACTGC  
AGCTCGAATCGCTCCAATGGTCGGCGTCCGGCAAGCACCTACTGTCAAAAAG  
GGGGGAGCGTGTCCGGATGCTGCAACCAGTGTGAACTCATGCCCTGAGAGGCCCG  
CTTCCACAATGGCAGCACATCGCCACAAGAAAAGTACGGGCCCTAATACACCG  
TCCAGGAGTGGTGTCTTCAGTGTATGGTCTCATACAACGGGCCAAGACTTCATCG  
AATCCAAGCCGCCGATGCCATGCGATGTTCAAGAACGAGTGTCTGCGTTGTTCC  
GGTCCGAGCCCCACTCGGCAACGCCGTAATCTCAGCCATCTGCACGCTACCGCC  
TCCTCAAGCTCAAGCGACTTGCTGCACCAATGCCGGTATGAAGATCCTCGCGAAT  
CCACCAGGCTTCGCTTGCAGGCTCGTGTGCTGCTGCCATCGACCTCCGAGCGGATC  
GTGTTAACGAGGCGAACAAATGCGCTCAGCCATGGTGGTCATCACCTTGCAGGGC  
CGCGCCAGTCTCCGGGTATCGCACACTCGAGCCGACGCATGCCATGTGATAGATT  
CTCTGCATCGTGTGCCGAGAACGCGGAAACCGGGTGTGCTGCTGATGCCATG  
ATCGAGAGAACGCGCTTCATCACTCCTCATGCGTGTCTGACTCTCATCGATGAGA  
ACCACTGGATAAAGGTGACGAGCACTCGCGTAGCGGTTCTTGCAGGAATTG  
CCGGCCATGCCGATGACTCCTGGTGGTCAGGGACCCCCGACGTTCCGTTCCC  
GATGGGCTGTAATGGAATGACAGCATCGAACGAGCGATTCTAACGCTTCTCTT  
CGCTCCAAGTCGGCTTGTCTTGAGATATGTTGCTGCCGTGACGCCATGCTG  
TTGCATCTGTAAGTTGCCATCGATTGCGTGGGAAACCTCAGCCATGCTG  
TCTCATCGTGAACCCCTTAATGAGTCGCCAGGCAAAACTATGGATAGTCGACACAT  
CGATCAGGGCATCAAATCGATTGCCGGAGAACGAGCGCTCGCGTAGGCC  
AGGTGATGACCGCGATGCGTTGCCCTGTACACGAGCCGCTCGCGTAGGCC  
GGAGTTGCCAGCGGCCAACAAAGGGATCGCGTCTACCGGAGGCCAGCTCCGGCG  
TACATGAAGAACGCTCGGGGTATCCAGATGTAACACTGGTCAATGACTCGCG  
ACCCCGTTGTCACCAAGCTATCGGTTAGCTCATTGACACCCCTCTACCGGA  
AACGGACACAAGAACGATTCGTGCTTTCTTGACGATTGCTCCTGCAGGCCACGA  
GAGGCCCTCTCGATGTAGTGCAGGAGGAATCAGGTCTAAAGTCCGTGTCATAAAG  
GACGCCAGTGCAGAACCCAGCCTGTCATCACCTATGACCTGAAACAGTCCAGA

GGCGAGGGCCTCCCCGCTCGTTGCCTTGCAATCTCACGCCACCGCTCCAATCAT  
CCCGTTGCCCTTGCAGCAAATGGCAAGTGGGAAGACCAACCGCTT  
CGAACGTTCTGGCAACACCTCTCCGGGAAGCCCCGACAGGGACTGCTACGTAG  
GCCGGGGTCTGGTAGGCCATCGGGATGGAGTAGAGATCGCGAAACGATGACTTT  
ATCAGTCGCGCCAATCAAGTAGAAAATCAATCTCACGTTGTTGTTGACTT  
CAGCCAGCTCGCAGTGTGGTTCCAGTGACCTGCCCTGCATTGCGCTGACTGG  
CACGGATGCCCTGCGCCAGCGCGATGTCGTAATGACGAGGCCAGGGATTC  
CCAGAGCGTTGAGCAATGCCGCAAGCGGTGGCGTGGCTGCCACCCACCTCGAGC  
AGTGTACGTACGCCCTGGTGAAGCTGCGGAATCGGTTGCGAATGAAGTGCAGAAG  
CAGTATTGCTCGCGGCCCTCAACAAGTATCAACCGTCCCGAAGAACACGT  
CCGCATGCTGTGAGCGAAGGTAGCGAGTGACAAACCGTTAGTGCTGGTGTATCCC  
CGAAAACGGCCTCAAGGTTGATACAGTCGATATCGGCACCTGTTCCCATGCATTC  
CTGCCGGAAGGCGCCTGAAGTACCGGAGTGACGCATACGGAAGTTCGTGGCGATG  
TGGCTCGAGTGCAGCTCACTACCATCTGCGTCGAGAGGCCGGGAATTTCCTCAAC  
AACGGATCATTGATAAGCACATGATAGCGTGGCGACGAATACTGTTGACCTG  
GGCGTGGAGGTGCGCCTCTGGCTCCTCAATCATGACGAGGTGGATTGGCTCGACGAT  
CAAATGCCGGATGCGAGCGCGCCCTGCTCTGCGCAGCCAGGCATCCCTGAAACT  
CATCAAGCAAAAATCATTGAGATCAGGTTTGGTATCCGAGTCCGTTAGAGGTCTC  
CGGAAGCGAAGCGGTGGGTACCGGTCGCGCCCAATGGAATCGAGTTCAAAGA  
GCACAGCCGATTGATAATTCCGTCGGCCGACTCAGCTGCGTCGTACATGTA  
TCGTCGGGTCGTTGGCCCCGGATATCCCAGCGATTCAACTCCTGGAACGCCGGTT  
TAAAGCTCGCGCGAGCCGGACATCGAACCGCTCGCAGGCCGCTCATCGCCCG  
AGGGCGTCAATGCGGAAGGCCCTGGCGACTGCTCCGGGTAAGATGCCGTTGTA  
ATACGCTCGGAGCTGCTCGGAAGCCGTCGCTGATGCCCTGCCAGGCCGAATC  
CTCGTTCTGTCAGTTGCCGAATCCACGCTGCGCATTGATTCGTGAACCCGTATC  
AGGCCGCCAGTGGTTGGTCTGCATCGGATGGTAGATGGTCCGAGGTGCTGGGG  
CAGTGCCTCCGGGTACTGTGTCGGCTCGACGAGCCTGCCGGATCGAGGCCGTA  
CCAGCGCATTGAAATGCACTCCAAGCCTCTGGTGAGGAAATCGGTAAGGTTCTT  
CGGCCAGAGCGTCAACGCCGCTGTCAACATCTTGGCCGCTCTGCCTCCAGCGC  
ATGAACCCGTTGCGTTCCGACCGGAATCGTTAGAGCGCGACAATGTCCTCGG  
CTCAAGCCGGAACCGCACACCGACAAGCCACTACGCCAACTGAAGGATGGAATAA  
GGTCCTGACGAAGTGGAGTTACCGTTCTGCAGACAGCCATAGGTCAAGCATCG  
GGACCATAGCCATCCACGGATCAACCACCGGTGGTGAACCCCGCGAGGGCGGCT  
TCCCATTCTTCTATGCATCAATCGTGGGAAGTGGCAAAGAGTGAATCGAGC  
AGCCTAAACGTGCTTGTGAGACAAGAAAGCGGCCAGCGCAAGCATTGCGGA  
GGACTTCCGCTGTTGGCTCAACGAGAAGGGCGTGTGTCGTGAGGTGAC  
GCGAACCGCTGGAGCTGCGAAAATTAGCAATTGATGTCGAATTTCATTAT  
TTCTCCCTGAGTTCCCTAGATCCGTTGCCACATTGCGCATGACCGTACCAAA  
CGCAAGCTCTGGCGAAAGATTGAACCTGCCCTGACCTGCCAACCAATTGAGGAA  
TTCCGAGCGGCACCTTCTGCATTGACGTGGGACAATCTGCGAGGACGCAAATTTC

CTGTGGTGC CGC GAT GCG ACC AAG CGT GC ATT GCC G AT A CGG T AG A CA AC C T G C C T  
GCT TGA ACT GCT AG CACT ACG AGGGCCGGTCGGGTTAGCGCACATTGCCGAGGCG  
CGCGCCGCTGAGCCGACTGGAAAGACAGCGCCAAGCCCTACTCACAGCACCAGA  
AGAATGTGTTCAAGCTCGGTGCACCTGCGCCTCGCGTAGCTCCTGGAAAATGCG  
TTGGTCTAGTCGCTTCGGTAGATCACTGCCTTAACGGCAGGCCTACCGATCTCG  
GGCATATCGTTCTTAACAACCCAGGTATTGCCGCAACCAGAGAATCCTTTTATC  
AAAAAAATTGCGCTCACCGCCTGCCAACCAGCTGTGACAGGGTGTAAACATTT  
TAAAGGGACCCAAGATCGATTCTCATAGGGCGATGCTAGACCTATGCTTCACAG  
GCAGGCCGCCGTTGCCATAGAATCCCTGGGACCAAGGAATCAGCTGCGATCCGC  
GGCACAAACCGTCCACGATGGAGATACCATGACCGACCAGGCAGCAATTCCCGTCA  
CCGTCGCGAGCGACTCCGCTTGGGGAAATTTTGTCCTCCGCCAAGCTCCGGG  
GCAACGGTCAGAGCGCTGGCTGAAGATGCCAACGAAGAACTGCTCTGCCCG  
CGCATGAACACCATGGATCCGCCAATGGTATCCAAGCCAGTATTGGTGGAGGCC  
GCACCTAGTGCAGGTGGCCGGACAGCAAGAGATGCCGCGTGTATTGAGAAGCTGG  
CGGGCATCTGGATCGTTCGGAAGCATTGAAGCAGGTGTTGACGCCGTCGATCCGG  
AGGGCTTCGCCTTGC GG CCT GCG ACTT CACC TTGCCA CGG CAC GCAGGG C CT  
AGTACTACCTCTGCAGCGTACCGTGGCTGATGCGCTTGATGAGGGTAATCGC  
GGGTCCAGATCGAGATCGAACACGATTACGAGACCGGAGAGGACCTCAACTCTAC  
AGCGTGTCCGGCGGTGCAAGCCTCGTATTCAAGCGGGAAATCGTTGTAACGCTCAC  
ATCTTCCGTCAATCACGCCATGGAACCGAGGCCATTGTGACCGCGTTGTTGAT  
GCTTGAGCGCAGCCAACTTAGCGGCCCTCGCTGCGAGACGCCAGACCTCTGA  
CGCGCCAAACCCCTCGATA CGG ATTCTGAGCGGGAGTTGCACCGATGGCTGACACA  
CCGGCTTCCAAGGGCATATGTCATTGAGCAAGCGGTTCACTGAGAGGCCATTG  
CTGCAGTCGCTTCCAGAA

>CONTIG\_76\_length\_6003\_cov\_52.644826

GCGCGCATCGCCTCTGGACCGGACGCCGACAAGCGACAACATCACATCGAACCG  
CAGTTCCGGATTTCGGCGGCTCCGCGCAGTCCAGCTGGAAAGCGTGGCACCGAT  
GGGCATCGTCACTTTTCCGGCGATGAGATGCGTGTGATGTTGCCACTCGCTCCCTCGC  
TTGCCTATTTTCAAGAAGTATTCCCGCTTGACAAGGAATGCCAACATCGATC  
AGCTGCTTATCCAGATCGAGCATCACATGGAAGCTGCGTTCTCCATCACTGTGAG  
AAGCGTGTGCTTGCCTGAGTCAAGCCCAGAGGTGTTCCATTCAAAGCGATCATTG  
CGCACTACTACCGCGAGCAACAGCGCATTGACTATGCGCTCGATCAGCCCACAAAG  
CACGATGAGGCCACGATTGGCTCCGACCACATCAGAGGCAAAGCAAGCTACGG  
GTCTCCTGTTGGCGAGGAGATCGGGCGCTCCTGCGCGACTTCCGAACGCAACTCT  
CCATTTGTGCGGCCACCGCTGGCTGAGACCACGACCACGCCCTTCTATCGCGT  
CTCCAAGCGCCGCGCGATCAAGCTGGTGCCTCGATCCTGGCCGATCGGTGCGGG  
ACCTGAGCGGGTCTCGGCTTATCGCAACCGAAGTCGCGGTCTCGCGCCGTGTTG  
GAAAGGCCTACCGTCGCACTGGCTGTCTAGGCTACGCAAGCGATCAAGTGTCCAC  
CGCCTTGTATTCTTGATACGCACCGCATGGCCTATGCAGTCCAGCTGGCGGGGCC

ACCGGTGCATGGGGAAACACTGTTCTCGGTGCCAAGTTGCAGATAAGACACTCG  
GCATCACCAATTCTGGCCGTAGAACCGTCGTGCTGACTGCGAACCTAACAGCT  
ACCTGGTAGGTCTAAGTTGAGCGGGCCTGCATCAATCCCTGCCGCACTGCTCACCT  
TCCCGGACGCTGCAGTTGCAGCGCAGACATCGAGTTCAACCACCGCCCATGCAACCT  
AATGCCGTTGATGCGCAGCGCTGGCCTGGCGATGCAACTCTGTTCAAGACTGAC  
CGCAAGAAGTTCAGTATCGCAGCCCTATGTGGCTATGCCCTGCGATTGCTTA  
GGCCAGCTCGTACGATCGAAGACGAAGACGGGGTCTGGACCAGGCTACGCCCTGTG  
GGCTTATCTGACGCCCTGAAACCGCCAGTCATTGGTTCTGCAAGATCCGCCGTTCTT  
GCCAATTAGCGACTGGAACGAAGGTGATCAACTCTGGATCCTGGACTTCGTGGCTAT  
GCCAGGGCACCACCGACGCCCTGGCGAGAGCACTCCGGGACCGCTGCGCCCTCACT  
TCAAGCAAGCGCATCGCTGGTGCAGATAAGACGGCGCTATGCTGGGAACCAAG  
ACTCACACACTTCGCAAAGATGGCTGAGGAAGGCACGTTGCTTCCTGATACGAATG  
GACGAACCGAACGACAAGGCAGTTGCAGCCTATGCACAAAGTGACATCAAGGCCG  
ACCAAGGCCTGGACTGGATTTGTTCCCTGGGCTTCGGTCTGGTTGCCTTATCCGC  
TGATCGGCAGCAGCTTAGGCTATTGGCTAGCGAAAAGTCGCTTCGATCGCAGTCA  
TCGGTGCCCTGGCTGGACCGCGCTCCCTACTCCCTCAAATTCTATGGGCCGCTA  
TCTCGACCAACGTCGTGCGCCGGCTGGAAAGCACGATGTCGACCGTCAAGGCTG  
GATTGTCTTGTCTCGATCATGGTCGCCCTCTCTCCCTGGGCTTGAGCGTC  
GTCTCCGGAGCCTCCGCTGATTGCACTGAGCTGCATCGCAGCCGCTTGGCGGT  
GCGACCCGGATGCCTCAGTCGATGCGTTGGATCGAACAAAGAGGCAGTGCACCA  
GCAGCCAGCCAAGCTCCTCACCGCCTATCAATTGGTACCGCGTTGCTCTGCTGCT  
GAGCGACGGACTGGTCTTGCTCGCAGCGCGCTGCTGGCAAGTTGCTTATGC  
ACTTCTGCTGCCCTGATGTTGGGCCATCTGCGGAACGCTCTTCTGCGATCTCAT  
CCCGATAGCGTTCTCACCCAGATCGCGCGTGCAGAAGAACGAGGGCTCCGCT  
GATATCCCTCGACCCCTCACGCTCCAAGGATGGATCGCGGTATCGTCTTCATCGG  
CTGCTATCGTCTACCGGATATTCTTCTGGGCTCCATGATCAATCCTTCTTATGCC  
CTTGGCATTGGAAAGAGCGTGGTCGGATCCCTGCATATCTGGCTTGGCATCCCAGCA  
GCCTTCCTCGGAATTGGCTGCAGGCAGTGCAGCTTGGCTAGCGTTATTTCAAAACCTG  
CCAGTAGCTATACCGGCATCGCATTGGTCTGTTATATGTCAAAGCTGTACGCTTG  
GACGAGCAGGCGAGCACTATGCTGGCTAACCAAGCTTACTCCATCTCGGCAGGG  
TGCTTGCCGGCTTTCAGGTCTGCAGTGGCTATCTCACCAAGCGCTACGGACAAA  
GCCAAGGCTATGGCACTTCTTCATTGGCATCTGCCTGACGTGCATGCCTGCCCTCCT  
CGTCTACTCGCTCATCGGAACAACCTGAAGGAGCGACCCGAGCCGTAAGTGCC  
ATCACGTTACTGCCTTGCATGACTGTCTCCGCTACTTGCGGACATGTAGTGCTGA  
GCTCATTATTCACACCAATCCAATGTCTATCCACCTAGCGCTAGCCAATTAGAT  
GCCTAATTGGCTAGGCCGGCAAGCCTCATCAGTTCGACGTCGTGTAATGCCAAGC  
AAACACTCGCCCTCAAACACTGCCCTTATACACTGACGTTACCAAGATTAGTT  
TATAGAAGATATCCTTACTAACGTTGGCGATTGGCTATGGGGATTGGAGGCAAGA

CATATGGAGTGAGCGCAAATTTGCTGATCTTAGACACTCATAACAGGCCGG  
GAGCCAGCTCCATATACATAAAAATTCACTCCTTATCGAGCTCAGGCAGGACCTGA  
ACTCAATAAAAGAGATCCCATAATTGATCCCGCTCTGAACGCATTGAGCGAAAAG  
CAATATTCAAAGCTGACTTGAACTCACCTGATGGAAATCACGGATTCCAATCTGC  
GAAAGGTCTCATATTACCGGCTTATCGGGATCATAGATTACCAATCACCTCAT  
CCAAACTTAGTCTGAATCTTATTTCAGCGTGTGCGCCGACTGACCACCAAAA  
ATAGAACACAAAAACGCCAATCAATTATAGACATACTAATTCCCTCGGGA  
ATTAAAGATCTTAATAATTCCATCAGCCGCCGGGGGTGCTTACTATCCCAGTAA  
CTCCCATAATATTGCTCATAAAGTGTATCGCATCAGCAGTATTAGTGGCGTCCCATT  
ACATCAATTGCTCGCCATTCTGAAAGACTCGCCGATTGCGTTGAAGCGGCATCC  
CAATTATTGACCCGCAGTGTAGGCGTCATATGCGCGTTAGGAGGCTACATTG  
GCAGGATCTGCTGGATATTAAAACCTACGCCCTCGCAGAAAGCTCTTTGGACA  
GCGATGGAATAGATTGCTCACCTCAGTAGCTAAACCCATTGATTGCTGAT  
GCTCGATCTTGACTGTGTCCATTCTCCATCAAACAAGGTGTGCCCCACTCGTGTG  
TCAATTGAGCTGCAGTATCGCTCGGTTAGCATAAGTCTGATGTATACGGTTCCGC  
CACCCCCATCAGCATAATCGGTACGGGAATAGGTATCCGTAGTCTCTATCTGGAAAC  
CCTTCGATTGTGCCACTTGAACCAACCCTCCAGGGTTGCTGACTTGTAACTATGAC  
GTCGACCTCCGCGCCTAGTCCGTGTATTCTGTCCGGATTCGGAAGTCCG  
CCGCCACCAGTGCCGGGAGGCCTGATCGGCCGGCTGCTCAACTGGCGGTGAAGG  
AGGAATAGTCGGAGGCAGGCTCGTAGGCGGGTTAACCAATTGGTGGAAATCTAG  
TAGGAGGCTCGCTGGATCGACGTCCGCAGCGGCCGCTGCACCTGCCACTAGGAAC  
AGCTTCGTTGTCAATTCTCATTACAGCGCTCCATCCTGTGAGTAGATTTTTC  
CTGATCGTTTTCTATTGAATTTCATCTCTTTCTTTGAACATTAACTTTTTA  
AGCGTTGTAACCTCTCACTATTGACTGGACTTCTCAGCCGCTTCCCCGGCCTGTCCT  
GTTCAAATTGCTGGCTGCTTTGATCAAGGGCCTAGGATCCCAGGAAAGA  
GATAGTGCATATCGCACATCCGAGAGATGTTCTGCGTCACGATGACTGTGG  
TCGCGCCAATGCTCCTGATGTTCTCATCAGCTGTATGCCATCTGCTCATCACGCC  
AGTCGTTGGCTCATCCATCAACAACAACTTGGTGCCTGTAGAAAGCCCTAGCGAG  
GAAGATCCGTTTTTGGACCACTGACAGCGTGTCCAGTCAACTGGCGACTCTGGT  
GTTGAAGCCCATTGGCATGCGCTGAATATCGTCGTGGATACATGCCAATTGCGAGC  
CTGCACGAGACGCTTGGTCAATGTGCTCATCGAACATGGAGATGTTCCGACAG  
CGTCCCGATAACAGATTGTCTCCCTGCATGACGATGCTGACCTTGCTCCGGTAGCT  
CGACTTACCGACCTGCGCAGATCCTCTCCATTGACTAAGAAGTCCCCACTGAAG  
ATCTCAAGCCCCGCCAGAACCGGGATGAGTGTGGCTTACCCACGCCCTGAGTTCCC  
GACAATTGCAATCACTGGCCTGACGGGGCCCTGAGCTGCAAGGCCCTCATGATCC  
ACTTGTGGTGGACGAGTAGCGGAAGTAGCCGTTAGCAATGGCAATAGCTGGCGCA  
GCATCCTCCAGCGCGCCGTGCCATGCGAGAACAGACTCAGGCTCGCTGCGTGTG  
TCTGAAATGCGTTCTGTGCAAACGAAGCAGCCGGAGCTGCATCAAGTAGTCGGC  
CAAGTTGATGCTACGTTGGCTGAATTGGGTGCGTAGATCAAAAAGACCAGTAC  
CCCGAGCGTCATATCCCCACTGAGCACCAACCAGGTGCCTCCAGATCACAAAGAT

GCGGCACAGGCCCTGGATGAGGAGCTGGACAGAACCGATGCGGATCCGCT  
CGGCCCGATGGTCGCGTTGGCTTCGCGCTGTAGTCGAAAGCGCGACGCC  
AGAGCGCTGACTTGTGAACAGCTGATGGGCTGGATGCTTCGGACCCTTCGTTAGA  
GCAAGCTTGTCGGCGTGCATCAATGTTGATTGATCGAGGTTGGCTTCTTGAGATT  
GGCGTAGTAGCGTAGCGCAACCCACATAGGCAATGGTCAAAGCCAACAAGGCG  
AAGGCAAGCGGCGCGTCAAGCTCATCAAGAGCAACAAACATGAGGAAAGACATCA  
CCCCGTCAATGACCGCTTCCAGCATCTCGTCGTGAGTGACTGCTGGATGGAGTAGA  
TCGACTGGAAGCGGCTGAAATATCCCCGGTATGCCGTTCACAAAATACGACTGGG  
GTAGCGACACGAGGTGACGGAACAAGTTGCTGCCACCGCAAGCCGGTGGTGGAA  
GAGATCCACAGCAAGGTCCACTTCCTGGCAACGGTCAAGACGAGTTGGACCAAGAG  
CACGATCGAAAAGCCGATGCCAATGTGGTGACCAGGCCATCGCCTGACGCTGA  
GCACCTGATCCATGGTCAGTC

>CONTIG\_77\_length\_5887\_cov\_15.744618

ACTTTCCCTACCTACACCAGAGGGACAGACCATGAGCCAGGATTATTGCCATCAA  
CGATCAGGGTTGCCGCCGCTCCAGCAGTGTGTCACCTGAGCTGGCGAATCTTCTTG  
CGCTTCAGCGAACAGAAGAGCCCGAAACACCGGTTCTACTAGAGGAAGTCACCCAG  
GACGTGCTCTCAACGGCGTACTTGGCGGTACTTACGACTTGGCATAGGCTGGCCT  
GCAGCAATTGATACGCTGGCCGTCCAGCCACTATGGCGCGACCGTCTGGCTCTGCC  
TTGCCCCCGCGCTCTCATTACTAGCGCATCAAGCCATTCTAGGTACGGCCCTA  
AGCTACCCACTTATCTGTTGGTACTCGAACGCTGCGCTGAAGGGTTTATAACGAG  
GCAGCAACGGATGATTGCGGGCTCATCTATGCTGTACCTCAGTAACCTCTTCGAT  
TTGCTGGCGGTGCTCGTAGCCGCGGATATGGCATCGGTATCGCGCCGCAGAGTTGC  
ATCATCAATGCCCGTAATCGGGGTATCGTAATCGTCCGATCCTCGGCACTCCGCAA  
TGGTCCCTACACCTGTCTTTCGGCCGGCAGATGCTCTCGCCTGCAACTGAAAGGT  
TTGTCAGCGCGTCTCGGATAGCAATATCCACTGAAAGCAAATGCTCTCGCGAA  
AATAGCTGAAGTGAGATAAAGCGTTACGTCCGGATTCACATCGGATATTGGCA  
ACGCTGCTACAAAGACGGCACAGTTGTTCGTGCCTGCCGATCCACTGCTCTGCAGTGGTGC  
GTGTGAAGGTTGCTGTTGCGCGCGCTCTGTGCCGATCCACTGCTCTGCAGTGGTGC  
ACCTTTCGAATGAGTGCTCAACTGGGGTCTGTATCGCTCCTAGTCGGCATGTAAG  
GCACGCAGTGCAGGATTGTCTGAAGCGCCCTGCAGAATGAAGATTTTCGCCA  
GCCGCTGCCATTGGTCTGCTCAGTGCATTTCGTCAACACTACTGAAATTG  
TTTGCTTAGCGAGCGCGTAAACACTGGCGCTGATGCGGTAGTGTCTGCAGCTGC  
AAATAGCCGAAACCGTTAGTCCTCGATCTCTTGCGTATCTGCTGCATCAAAGCG  
TGATCCGGATGACCTGGTGTGGATCGTTAGCCGGTTGCGCTCTGGCTCACGG  
TTCTGGTCTGGTGTGCTCGCGTAGCGCAGTCCCTCTACGTTCCCTGACAGCATAAC  
GGTTGCCAAGGCCGGCTCGATACTGCCAGGGAAATCCTCCACCGTAAACTCATC  
AATTGCCAAAGGTGCGGAAGGCGGAATTGCTGTTGACGGTGTACCCAAGACCTT  
GAAACCATAGTCGGGATAGTGCAGGTCCAGCGCGTTGAGCTCCGGCATCGCTTGAC  
TGCAGGTGTTCCAACGCGCAAGGATCTCATCCTGTCACCTATGGCAATGGTGTGTTGA

TTGCTGGCTGTCATCAATGTAGCTGGTTGAAGTGACTTGACGCCACTGAAGCTGC  
ATAGGCTGCATCATGCGGAAAGTGCACGCACGCAGCAATGCTGGTTCATCGGT  
ACCTACCAACAGTGCTGTGCCGGTCTCTCGATCAGTAGCTAGACCATGCAACTCGGC  
CAGAGCTTACCCCTGCTCGCGTAAAACCCAAAAATCGTGTCCAGCGACACCGA  
GAATTTGAATGATCTTGCTCAATTGTATAACTGGGCATGCTCTTACAGTCATAA  
GTGCAGGGGTTACTGCTGCTGACTAGCGACGCATGAGCCTAGCAAGGTCTGAAGTC  
GTTCATTCGCTTGTCTACGCCAAGTCGAAAAAAATAGGCACCACCTTGAGTGT  
GATTTTGCTTGACTTGAACCTTGCAGCGTCTATCCGCATGCGAAAGCCGGCTAG  
GTTTTTCCCAAAGCGCCCGGATTCAAGCACTCCATTGATGCTGTCCTTCGCGTG  
ACTTCGCTCCAAGAACTATCGGTTGCGGAAAGTTGCTGATGCTGAGTCGGCGCAA  
TCAAACAGACGTTGGTCGGCAGTCGCGAGGAATTATCAAGTGATCGGAAGCTGTT  
GGGACTTCCCGGTGGCTAAGAACGTTGCTCCTCCAAATGAGATTAGCAAGCCA  
ATGACAGTGAAAACCTTCAACCAAGGTTCAATTGGCTCTCCTGATAAGCGCGTAG  
CGGGTCACACTTGACAATGCTGCGAGAGTGACGAAACACCAGTGTAAAGTGGAAACA  
GTGAGGCTTGTGGTTGACTAATTACAAGAGGAACGGTGGGCCTCGCTCTAGCCG  
CGACTTTGGAAACCGCTCGCCTGTGATAGGCATTATGCCGCCTCAAAATTCA  
GACGTGGACTCAGCGATCCTGTTATAGCTAGAGACGCACGAGTCTAGCAAGGTCA  
GAGGTTGTTATCGCCTGTTTACCCCTAGGTCAATAAGTAAGGACCACCCACCTCT  
AAAGTGTATATCCGCTGCTCGCCTTTGTGACGTTGATGCGCATACGGAAACC  
AGTGCGGTTCTTACGTCAAAGGTCGGATTCAAGCACACCATTGATGCTGTCCTT  
ACCGTGATTCTCTCCAAGAACTATCGGTTGCGGAGAGTTGGCTGATGCTGAGTTC  
GGCGCAGTCAAATAGACGTTGGTCGGAAGATCACGAGGTATGCCAAGTGATCGG  
AAGCTGTTGGATCTTCCCGTGGCTAGGAACCGTTGACCCATTAGAGAACGACTTGGC  
ATCGCCAAGCTAATGATAGTAAAACCTTCAGCCGAGGTTCATGTGGCTCTCCTGA  
TAAGCGCGTAACGCATCACACTTCGACGATGCTGCGAGAGTGACGGAACACCAGTG  
TAAGTGGAACAGTAAGGCTTGTGGTTGACCACCCATTAGAGAACGACTTGGC  
TCGTCTTAGACATGACTTTGAAGCCCCATTGCCCTGCTCGGCCTCATACCGCC  
TCAAAATTCAAGACATGCATTGGCAATCCTGTTATGGGGACTCGCTCTCAACGAT  
TGGCGTGTGCTTCAGATAACGGCCGGCAAACCGCCTCAACCATTGCTGCTGATT  
GTCCGAGGTGAGCGCCTCAATAGCGATTGTCATCAAGTCCCTCGCGAGGTGCG  
CAAGGCGTAGTAGATATCCATGTATCAACGCTACGGTGCAGGCGCTTGAGTACCGC  
CTGCACCAAGCGCGCTTGAACATGTTGAGTGGCACACCCGGTACCCGCTGCCCT  
GTTGCCCAACTGAATTGAAAGCAGGTTGCGGGCCTGGATCTGTAAGTAATCCACCG  
CCCGGATTGCCCGAGCTGGCATAGTCCCGACGACCAGGTTGTCGGGCCCTTC  
AAAAATGTCCAGTACCTCCAATCGCTCGCTGGACCTCAGAGATCTCGGTAGAGC  
GTATTCAAGGCATTGCACTGCAGAGAGCCGCTGAGTCCCGCGCCACTGCTGGCAT  
CGTTGCTCATTGGGTGCTACCAGCATGATGGGAGCGTGTGGCCCAACGCCGGCAG  
CGCGTGCACCTCTGACCGCAATCGTAGGAACGCCCTGAAGGTGGATGGTGGAGGT  
GCGTGTGGCAATCTGAACCTGATTGCTCGAACAGATCCAGCGATCAGCCCAGT  
CCTGCATCATTAGCCGACGCTGTCACGTACTCGGCATGGTTGTAGGTGGCGCTGA

TGCGATTGGGGTCAGCATGTGAGAGTTGCGCGTCGACCCAGACCTTGGGTAACCC  
AGCTCATTGAGGGCGGTCGAAATCGTCGCCCTGATGCCGTACCGTGAGACGACC  
GTCATAGCCCAGCCGCTTGATCGCACGGTGACCGTGTTCGCTCATGCAGGCACT  
GATTGCTTCACGCCCGGGAAAAGGTAGGTCTGCGCTGGTTAACAGGTCGAGCAT  
GTGCCGACGATCTCGATGGCCTGCACAGGCAGTGGCACGATGTAGGGCGGGATGT  
CAGTTACCGCGCTTCGCTTCTGGTCAGCATCTGCGCTGCTGAGCGACATCAC  
AGGGATGATCCACAAACCTGTTCCAGATCGAACACTGGTCCGGCGTGGCCAGACGTA  
GTTGCCCTGTGCGTACACCGTCAGCAGCAACAGTCGAATGGCCAATTGGGTATCT  
GCATGCCCGGTACTGCGCAGTGTCTGCAGAAACAGTGGGAGCTCAGGCATACGC  
AGGAACGGGTTGTGCTCAACGGCGGCAACGGCACAGCGACCACGTGTAGATCGAT  
GGCAGGGTGCTGACCATGCCCGGAATGACCACCATGGCGTAGTCGGCGAGTTGCT  
TGAGCCAGGTGCGGACCTTTCGGCGACGGACAGTGACTCTCGTTCTCGATGCGTC  
CGATCACCTCCAGTAGCACCGGACGGTGATCTCGTAGATGGTAGCGCTTGAGGT  
GAGGGAATACATCTTTTGAAACACCGCGGAGCTGTTCCAGCGAACTCTGACGAC  
CTTCTCGAGGGTCAGTTGCCGGTTCCATCCACTTCTGTAGACCGCCATGAAGGT  
GTTTCGCCAGCCAACCGGATGGCCTGGCGTTTGCTTCTGGCTGTGCGTGGTTG  
ATGCCCTGGCGACGAGGCCCGGCCTGGTCACGAAATTACGAGCCTCCCGCAG  
AGACAGTTCGGGATAGCTCCAAGCGAAATCCGGCGCGTTGTCACCGGTTG  
AGCGGAAGTGCCAGGCTTGCCGCCAACAGGGAGACGTAGAGGAACAAACCGTC  
GAAGTCTGCGAGGGTAGGGCTTGCGGAAGCCTGGCTGCCGGACGACCATATC  
TGTGAGCATGCGTACCAACTCCTGATGCTGCGAGTTGGATGCGATTTGTTCTCAG  
GTGGCCTGCTCTCCAGCAACAATGCGGAACGGGTGTTACCGCATTGTCACCGCA  
AACGTACCGATTGTACCGGTAGTCAGTGGATTCTGCTGGACGTCACTGGACTGAA  
GAAGAGGGTAATTCAAACAGATCAGTCACCTACAACGTTCTGGCGCTGGTG  
GACGTAGTGGAAAGTTGAAGTGGAGCGGGCGAAGGGATCGAACCCCTCGTCAGTA  
GCTTGGGAAGCTACAGCTCTACGCTTGTGAGCTACGCCCGCGTGGCGTTGCGAGAGTT  
AGGCGGGTGCAGGTGCGGGCGCAATGCGCAGACGTGACGAGGGCGGGTGCAGGCG  
CCCTCGTGTCTGCAGATCTACCGCGTGGACAGCTGTGCGCGTGGATCAGAAGTTG  
CCGCTGAAATTACAAACAGCGTTGCATCGCGGGCGCTCGCTGGCGGGTGGTGGT  
GCTCAGGCCGATATTGCTCTGCAGGCCACAGGCCGGTGCGGGCGCCAGCACGA  
CGGTGGCGTAGTTGCGATCGAAGTTCTGGCCCGACGGTGTACATGCCACTCCG  
GCATCGACTGCAGCCAGGCCTGGCCTCGTGCCTGAGCTGAACTCGTGGCGTAGG  
TCGCCTGCACGTACGGCTTGACCGCAGCACCGTCCAGACGGACCTGGAAGCCGATG  
CGGCCACCAAGCGAATCGATGTCCTGATCGCATAGCCCAGCGCGTGGAGCTTC  
GTTGCTTCGGTAGCCGTCAGCTGAGCTGAGCTTCTGCCAGGTGAGGCCGACCACCG  
GCCGTACTTGAGGTTGCCCTCGCCAGCGAATAGCCGGCGTTGACCGCGGGTGA  
GGTGCTGCCGTCGGCGAGCCGCTGTGACGCGCGTGGCCGGCCGAGCTGACCT  
CGCGGTCGACGTCGTAGCGCAGCGCGCTGTAGCTG

>CONTIG\_78\_length\_5828\_cov\_21.107525

GCCGCAACTGGGGCGCTTCCGCAACCAGGCCAATACATTGTCTGGGGCAGCAAGG  
GCCACATGCCGCTGGATCGTCGTGCGCTGTGCTGCCTGGTATCCGTAAGTCGG  
TGCAGAGGCAGACAAGCATCACCTGACCGGCAAGCCCACCGATTGATGCGTCAG  
CTTGTGCGAATTGTGAAGATGGTGGATGCCTGCTGACCCCTTGCAGCGCAGCGC  
ACCACACTGGTGGCGGCCAGCCTGAAGGCCTGGTGGACTGGAATTGAAACCTC  
GTCGCACTACCACAGGTTGCATGCAGCGTTAGTAAC TGCTAGGGCCACTGAGC  
CATCCCTTTGCCTAACGCCGCTGTCTTAGCGAAAGACAAAAGGCTAACGACCCCTCG  
TATTTCCCTCCTAGCTCAGGGCGCACGGTCAACAAAGACAAAAAAAGCCCTAA  
AAAAGGGCTTTCAACTTGACAACAGACTCAAAAGAGTCGCTGCCTTCCC  
TTGCCAGAATTCTACGCATCGTTCTGGCGCGCTGCTTATCACTTCGCTCCACGC  
GGTGCTTACGCCACCCATCGGTGCGGACAGGGAGACAGTGGTCTGAGGTACTC  
GCGCACTAACCTTGATGCCGGTCTCGAGCTGCTTACATTCTTGTGAGATCC  
ATAACGTGGCCCTGGTAATGAGTGTCTACTGCGTCTCGTAGCTGCGCGC  
GGCGTAAGGTTGTGACTGTAATCTGTGAAATTGACGAACATTGATTCGCCCCGGTC  
ATCGGGTCATGCTGCTTGGCGCTCTCGATACACTGGTTGAGCACTTGTAAACGGAA  
AAGCAAGCCATTGCTGAAGAGGCCACTTCCCGAGAACAGAGCAAGGTTCTGGTA  
CGCATGATAGTTGCCAGAACTGAAATCGATAGTGAAGCCAGGTTGAGATGATCGT  
CACGCAAATTGGAGAGAGCGCGCCGTGCTAACGCTCTGTAGGAGGCAGGTC  
AATCTGATCTGGCAAGAAACCATTCTTCCAGGCTCCGATTAGTTGGCGTCTCC  
GGCACATATCATGCCGCTGAAGCTCGATCAGCAATCTGCGAACGCTGTGTCATC  
GACGTACACCAAATGGCCGCCATGAGAACAGAGACCAGCGAGAGTCGCTAGCAAGC  
CGTTGGAGTTGTCCAGAACATTGTTAGTCATGTGCTTGTGACCCCCCGGT  
CAATGCAGCGGAGTATAGGTCTAGGGAAGCGCGCTGTGTTACGCCTGCCGATT  
ATGCCCCCTCTCGCAGCACTTACAGGTTCCACTACATGTTGTTCTCG  
GAATGGATTGAGGCACATGTTGGAAAGTGGCGGGCTTTCTGTCAATAGTTT  
TTCCTATTGATTATCGAATTATTCCAATTCTGCAAATGGCTTGGCGGGCACGCAT  
TTGGCGCTTGCAGCGCAATCGTGCCTGCCACGCCTCGGTCTCATGCATGGTT  
TTCGCTGCACCCCGCAGGGTGGCCCTAGGGCGCGCTGCTGTTACGATCCGTACGA  
TTAAGGGGGCCTCTTCCCTGCAGATCCCTGCAGCGCCTAGGGCGCTTGCAGCG  
GGGTACGGCTGCTTGGCTTGACCGCCGGTGCATTGGCAAATGACCATCG  
GAACCAAGGTAATCGTAATCCGAGACCTGAAACAAAGGCTAACGCACTGATATCAA  
TGGGAAATTATGGATTACCTTGGGTGATTAAAGGTAATTGTTCTCCGTAAGAA  
AGTTATGTCATTGAAGTTAAGGGTATTTTGGAGCTTAATTACCTCCCTAAAG  
GTAACCCATTACCTTAAGTTACCTTAAATTACCTTGTATTTATGTAAGTAT  
CTGATAAATATGGATATTGCATTGAGGGCGGATTACCTAAATTACCTCCCT  
CCGATGGTCATCCAAAAATTGCCTATTAGGGGCTGGAAGGGGGCTCCGCCACC  
GCACTTGCCTACGCTGAGCACCGCGCATCGACCGCCATCTCTCGTGGATGGC  
TGAGCCTGCACGCTGCCGTAGAAATTGGAGCCAGTCCGAGCCGCTGAGTCAGGCC  
TGCCGGCGCGCATCACGTGGCGCGGAAGATCTGCCAGTGAGGTAGTGAAG  
CGTCCCACAAGAGCTTGCCTGGAGAGTTCTGCCACCCGCTT

GCACCGAGGCCGGCCGTACCCCGCCCCGAAGCGTCGGTTGATAGCGTCCAAGGCCTC  
CATCAGCTTCTCGCCGATCCGAGCCGGAGTGAATAGGTCGCCCTGCAGGTCTTC  
AGGCTTGCTAGATCCATCAGGCACACGCCGGCTTTGTAGGCGAAGCCTCTCG  
CATGAAGCCCTGGAACAGCCGGCGTACAGTCGTGAGCACGATGCGGCTGTCAGAGG  
TGGCAGAGGCAGTGGGGCGGTGTGATGGGTTGTGCTGCGGTACGCACGGCTTG  
AACGAATCTGTTCGCAAAGATGCCAATCGCGCTCGACGTCAATCCGCGAGCGCG  
CAGCTCTCGGTAGCACGCATGGCGAAGGTGGCCAGCGCCCTGACATATCTGCGG  
GTCGCTTACCCATGTCCGAACGATCGGCTGACCATGATTGCTGCCGGTCTGGCTC  
GACCTCCTCGAGCTCGAGGCAGGCAGCTGACCGCTGAGCTCGCGCTGCGTGC  
CACCACTCCGAACACTCTCGAGCAGGTCGTCTGCAGCCGATCCCGCAGATCCGCTGC  
CGTATACACACCGCGTGCCTGCAGCCTGGCGCTCCAGCGCCTACCAATGCCCGAGAG  
GTCGCCAACTGACGTGGCTCGCAGCACGGCATAGAGCTCGCTTGCCTGAGCGCTG  
CCAAGTCACAGACGCCGGCAGATCGTCGGTAGCTGCCGGTTGCCTGCCGATGCCGATG  
TCCTGGCGACCCGGTTGGCCAACCTGGCCAGGGCTTCGTCGGCGATGCCGATG  
CAGTTGGGATGCCAGTCCATTGGTGAACCGCCTCGCGTAGGTCGACCGCAGCTG  
CCGGCGATCGCGGATCCCGCCAGGTCAAGGAACGACTCGTCAATGGAGTACACCT  
CCACACCGCGCGGCTTGGCGAAGGATCACGCCGATGCCGAGGCAGTGC  
TACAGACCGAAGTTGCCGAGCGCAACGCCAGCTGCCGGATCTGCCGGGAC  
CTTGTGGATGGGCTGTCCCATCGTCACGCCAGCGCTTGGCCTCGATCGAGC  
AATGGCGCAGCCATCGTTGCTCAGCACGACCAAAGGCCCTGCCACGCAGTC  
GCTGGAACACCCGCTCGCAGCTGGCGTAGAAGTTGTTGCCGTGATCACGCGAAC  
ATCAGCGGCCAGCGCGGAATGAGCGCGGTGACCTGGCGACCACGCCACGACC  
GCGAACACCTCGACCTCTGTGCCTGGCGCCAGGACGATGCCGCGCAGTGTGGACT  
GCGGCTGTGGAGCTCGATGTGGTCGACCGCGACTTGAAGGATCTGCAGACGGGCT  
GATTACCATCCAGGTGGCGAGCACCATGTCGCCATTGATCGGACTCACTGAACGAT  
CCACCACAAGGATGTCCCCGTGCGAGCACGCCAGCAAGATCATGCTCCAGCCCTCG  
GCCCGATACAGAAAGGTAGCCGGCGATTCCGGATCAGTACCCGGTTCAGATCGAG  
CTCGTCGCTCTGGAAATCCTCAGCGGGCGAGGGGAAGCCGAGCTGGATCCGAAGCG  
CGCTGAGCGGCAGCCGAAAGCGCAGGATCGTCGCAGGCCGGCCAAAGCAGGCG  
GGCATAGGTATGGTGGCGGGAGGGACAACATGACGCGAACTCTCGCAGGACGAA  
GTCTCAAAGGTGAGACGGCTTCCAAGTTAGCAAAATTACTAAGAAATAACCCCC  
CCCTGACCGAGTTAAGTCGGTGCCAGCCATCAGGCTTGCCTGGAGCATGCTCCA  
GCCGGCCGCCTATGCATGCAGTAGCTGAGAAAAAAAGTGACCGGGGGAACTATGA  
TCGAAAATTGGATAGCTGCACAGGCAACGCTGCATGCCCGTGGATAGGCGCGGG  
GCAACCACGTGTTGGAGTAATCACAGTTGTCGACACTTGCAGGATTAGCCTC  
CAACTGAAGAACGATCGGCTCCAAAGAGCAAAAGACCGCGACATCAATCGCGA  
AGGACACCATTCTGCTGCAGTTGTCAGGACTGAGATATCACAGGCATCGCGA  
TGCTAGCTGATCCCGTACTCAACCAGCAGAAGCGTTGAGATTCACTGC  
TAGCAAAATCAACGCAGCAGGCCAGTAGCAAGTCTGGAGGGCGGTGAGAGCGGG  
AAAAAGCTATTGGCAGTTGTTGGCGATCTTCCGCCGTTCAAGCTAAGAGAAT

GCTCTTCCAATCGTCTGGCGCCCCCATGAAGAACGGACCAAGCTGGCTTCGCGGT  
GCTTGATCTCCACAGAGAACATGTTACCGCCACTTCACAAGGCAATTGCAATGGC  
TCGGGTTGATCTGGAGATTGCAGATGATGACGTGGAAGCATTGGCTAAGCCTTAAT  
GCCCGACTTGCAGCTGGCAAACCAATCTGGCCATGGCGTGGGACCGGCTAGGCC  
TCACGGCCTCAGTGCTGTTCCGACTTGGCCGGTCGATAGCAGACCGATCCAGCGG  
CGGATTAACGATCTGCATGCAGACCTCGCAGGATCCAAGCTAACCATGTGGACAG  
CCACATTAGGTGGCGCACCTAACCGCCTCCTCATCGCCTGTACTCGGTT  
GCCCAGCAGAACATCGTTCAGTTGCCAGGAAGTTGACGTAACAAGAGTCGGAGA  
TGAATCGCCACTCATGTTACAGCCAGTGATCTGTTGAAGCTAACAGACTTC  
GGCCGTCTAGCTTTAGGTCTCGGCTCTGACCTTATAAAGATTTCGAGATAATA  
GACCCGGCGAACAGAAGAGGATGGTTTACATCTACTTCGAACCTAAAAGCAAGCCCT  
TGAACACTGCGCCATAGAGAGCCCACATCCTCACGTCAGACCAAGCGGCCGTGAGGC  
TGCACACTTTGCCACCAATTAAAGTCATCCAAGCTGGATACCGGATCCGTCCAT  
GTGAACCGAACAGTTGATCCGAATTGTAAGTGAAGTCTCCCTGTCTACGCTTACAT  
AGGTGCGAAACTGACCTCAAAGGGATCATTCAAAGAACGTAATCGGAGCAGTAG  
AGCCGTTCTGAATTGCAATGTCGAGGGCATAGAGCGCTCGCTGCACCTTGAAC  
TTATACAGCAGCATGCAATTCACCTCGATATCAGACAACTAGGCCTGGAGCTTCT  
CTGGGGAAATGGGCATCGCTCAAAGTGATCCAAGAGACATCAGCTGGAGTC  
TGTGATTACTGGCTTCCTAACCGATTGGCGTACCTCAGAACGACTGCCTGAGCC  
TCCGGACTCACGCCAGACTATAGCAGCCGTCTGATGGCCTCCAGCTGCCACAGGT  
TGGGGCCGTCGCTAGGGCCGCTCGTACGGCATAGATCGACGTCCACCCAATT  
GAGTAGCGCCCCAGTTGGAGTCCAATTCCCTACCCGAGGAGATTGGACGTGAAG  
AACGTTTACTGACGAGCAGGTACGGCTTCTGCGCGAACGCCAACGG

>CONTIG\_79\_length\_5689\_cov\_5.658936

TTGGGCAGATCGAGATTGCAGCGCATAGCGCGTCAGGGTTGATGGGTCCGTACG  
GTCTCGCGGACTCGGGCAGCTGGCGGTGGAAAGAGGTTTACGATCAGCATCAA  
CGCGCCGGCTGGTACCAACACGACTTGCGCTGCCGCTTCATCGCAGAAAACAGCCCG  
GAAGTACCTATTCCGGCGCAAAGCTGGAGCCGGCTGGTGCACCATGTGG  
ACCGATGACACGTCGTGGATCAGGCTCGCAACGCAATCGCTCGAACGCG  
GATGACCGTTAACGAGAACGGCATGCCAGCTACTACGCGTCTACACATGGCACT  
CGACGTCAACAAGGTGATCGGATCGCCTTACAACAATGGTTATCGGCA  
AGATCACGTTCTCCGGACGTGGAGATCATCGGCCACGCCAGGTGGCG  
CGCAATGAGTTCGCTGGCGGAAGTCTACGCCACGCCAGGTGGCG  
GGTGGCCCTGGGTATGGGTGACATGACCAACGTCCTGATCATCACGACGCC  
CACTGGCGCCGTTCTGCTGCAGATCACCGATGCCAGCGCAGCAATGGCTCTGTGCCAGTGG  
GCACATGGGTGCGATCGCGATGCCAGCGCAGCAATGGCTCTGTGCCAGTGG  
TCACGGGGAGTGCCAACCAACCAGCTGACTACTGGTTGTGGCTGACAGCGGGCAGGC  
AATAGCCTGCTCCGTACTCAGCGATGACGGCAACACGATCTCTGGGTGGCTCCA  
AACTCGTCGTTGGCGCACGTGCTGGCGGTACTTGTGTTACGGGAGGTTGATGG

CCTACGCAGTTTCGAGGCCGGTCTAATCGCATCGCAATCTCTGAAGCCTGGAAGA  
ACCTGGCCCTGGCTCCAAGCAGACGATCACGCCGACGGGAGCGGAACACTCAGG  
CCGTGGAGCCTGACCGTTACTGGCACCAATCCGGTCCCGCTTCTCGGTGAGAAC  
AACGCCACGCTCGCGACGCGCACCCAGAGCGGGAACAGCTTACCTTACCGGCTT  
CACGACCAGCGGCAGCTTACCGCCTACATATTGACGAGCCGAATTGGACTCCG  
CGATTATCTGGTATCACCAATCCGACACTGGACAGGTGCATTTGACGCCACGCT  
CAAGTACATGAAGGTGCGCGGCTGCTGCAAGCAAATGCCAATCAGGGCGTTCCA  
TCACGTTGCCTGCGGGACGCACCTATGCCGCCCTGGCCGGGTCTACCGGAAACATCA  
TGTGGCCATTGGCGGCTGGTTGGTGGCGGCCGAGTGGCAGGTGCAAGTGCTT  
GGCGCAAAGGTGCGTCAACATCAACGTAACGTCGCCTCAATCGCCGCGATCGAC  
ACCGCGCAAGCGCTCTACAGCGGCACCAGCGGTACTCCGCAGCCACCCCCAGGCAA  
CTACGGCCAGGCATGGGTGCGTTCTCCCATCCTGACGTTACAGGCTACTGACATGC  
TCATCAGCGAAAACCCCTACCTTCGGCACGCAGACAAAGATCGTGTGCCCCGATC  
GAGATCCGATGGAACCCGGCACCAACGACGGGCCGTCGAGTCCACCTCGAGCA  
GATGACCACCAAGCCGACCCGGATGGCTGGACGCAAACGCTCGAGCGCTTCTTCC  
TGCCTGCTTACGGTGCAGATCAGCGACCTAGTCGGCCGCAGCTACGACATCACC  
GCGCCAGCCAGGACTGAGCTGACGCGCAACTGGCAAGGCCGTAGAGCTGCCGGG  
CGAGACAGTCACCGAGCCC GGCGTGCATCTGCTGGCATCAAGGCTGCTACCC  
GCGCTGCCTATGATGCAAACGTGGTACGCCGATCCGGATGCAAGACCCGCTCGCG  
CAGCAGATCACCACATCTGGAACCCGATCAACGACACCGGCACTGTGACGTTCCA  
GGTCGAGGATCGCGCGCCGCTCGCGTGTGGCGGCCATGCCGATCTGAT  
CGCGCCGACCTACGCCATCCGCTATCCCGCGCCGAGGCAGCCAGCGCTGGAGG  
GCTGGAAGCTCCAGGCCTGATCAAGGCGAACGGACAGTGCATCGCAGCCAGT  
CTGGCGAAAGCCGAGCAGCGCCGCGCTGACCCGCTTGTACAGTGCATCGATAAGAT  
GCCGAGGCCGCAACTCATGGAGACGCCATGGAGTGGATCAAGATTGAGTCCGGT  
TCTGAGATGCCTGCTGAGGGAGAGACCGTCCTCACGTTGGATGGCTACCGTCATTGG  
AGCGAGGCTGTACACAGATGCGCGCGCTTCTATTGGACGAGATGCACGAGATTGA  
GGCGTCACGCACTGGATGAGGATCGAACCTCCTGCTGAGAGTGGTCAGGCAATT  
CTGACGCCACCGTGCAGAACCGCCGATATGCGAAATCCCACATGGGTGCCAATCT  
ACAGCTGCCGGTCGCGGTGCCAAGATGCCGCTCAACCCGCGAGGCGATGAGCAG  
CGCCTGCCGGCTCGCGTTAGGATTGTTACTCGAAACTGTCGCTACAGTCGTA  
AGTCTGCTGCCGATGATGCAGTAGGTTGATGAATGCGGACATAAGTGTGACTG  
GTCTAACACGAATTCTATGCGGCATGCCAGCTGACCAAGAAGTCAAGGCCTTGT  
CGTCAATGCTCGCGCATGCCAGCTGACCAAGAAGTCAAGGCCTTGT  
GTTACGTTGGCTATAATAGGCGCTCGCTGCCACCCGTGCGGCCCTGGGCTT  
TAAGGTGTTAGAAAGACTGAAGGGTACGCCATGGCTACCGAAATGAACAAAGTC  
CAGGAGCTGCTGGCACTGATGGCTAAGTGTCTGAATTCAAACATTCCG  
GGCAGTGTACGCGAAGTCACGTCTGAGCAGATCGCAGGTGAGATTAACCGCTTTC  
GGTGAATCATGAATGCTGGAGAAGCGGTCTAACCGACCCAACTCTCAGCATAGGAG  
TGCTGCTGCAAGGATGAGCTACCGCGAATTGTACGAGCGTTGTACGACGCTAGAAG

TGCCTGTGAGCCGAAAAATCTGACACCTTGGGTGATGGAGCTGACCGGCAAGCCA  
CGGCCTAAGGTCATTTCATGGATGAACCCCAAGATGATCCGAGGCATGTCGC  
ACCGCAGAAAACGTCTCGCACCCATTGCAAAGCATGCAAATGGGCCTGGCGGGGC  
TGTTGTCGTTATTGCGCGATTGAACTACTGCTGGAAACGCCTGTGCAAGTCAA  
AGAGCTGATGCATTACTTGTACGCCGGTCAGCTGTAGGCACGCCAGAACCT  
AGAACCCCTGTGTCAGACCTCGCATTGAGAGTGCAGGAACTAGTGAGGCAGCGA  
ATTCTGAAGCTTAGCCCTATGGCGTGCCTGGGTGTGTTGTGTCCTGAAGCTAAC  
GGCAGGAATTCTCCCGAAAGAAATGTTGGGCAATCACGGACATCGAGATAGCC  
CAGTTCCCTCAAGATTCCAGAGAGTTACGTGCCACATCTGTTCCGCCGAACCTTCGG  
CGCTACGTAGGCAGTTGACTCGACGCTGTGGATTTCGCTAACGCTGATCTCAGT  
TCTTGAGACGACCATGCCGATACTCCCGCATGGACAGAGCTCAACTCCGCACCCAT  
CTCGATCACCTGGACGCCGCGTGTGGCGATGCCGAGCGGACGCTGCAGGTAGG  
GAAACGAAGAAGGCGCGAGGACGTGCGATCGCACGAACAAGATCCAGCAGG  
CGCAGCGGCCCTCGACACGCTCAAGAGCACGCCGCCAGACGACAGCCGGATAT  
TCCCAGGGCGTCTACTGCCCTGTGCTGGTGGTCAGAGAACGGCCAGCGTGTGAAAGC  
CGATGCGCTACCAGTGCCGCCCCGGCCAGCGCCGCAACGTACGACCGGAAATT  
CCCGGCACGTACAATGCCGCCGACAACCTGGAAGGGTTCTGGCGCCGGCAGTT  
CGGCTACACCCATGGGCTATGGTGGCGGACCAGGTTCTACGAGAACGTCGAGGGGC  
CAGACGCCAGAACCAGGGATCGAATTGTCGCCCGCACCGGTGAGCCGATGCTG  
GTGGCGTGCCTCTGGTCGACTGGCGTACCCGCCGGCATCGAGGCCGACCTGTTG  
TCATTGCCCGCATACCGATGAGCCAGAGCCGAAGTCGCCGCCGCTGGCCATGA  
CCGGACGATCATCAACATCAAACCAAGAGCACGTCGACGCTGGCTCAATCCGGATC  
CGCGCAACCTGGATGCGCTGTACGCCATCTCGACGACAAGCGGCATCCGTTTACG  
AGCACCGCATTGCCGATGAGCACTGCCCGGACAATGTGCCCGTCTGGCCGACC  
CGGCCATGCACTGGCGGAGGATGAGTGGCTGGAGCTGTTCTATCTGGCTCGC  
CGGTGATCAAATCTGTGCCAAGAGGACGGCACCTGTCGGTCCGGACGCCGCC  
TACAGCGAAGGCCCTACCGTAACCCGGCATATGCCACCGAAGCTGGAGCTTCG  
CTATGCCAACGCCCTGGCTGCTGAAGTGGCACGGCTGGCGAAGACCGAGATCAACA  
ACAAGTTCAAATCAGCACAGCTGCAGAACAGCAAGCGGCCAGGGCGACGCGA  
CTACCCCTGATTAGATCCGGGACCTTACAAAGCGTCGCCGCCGCTGACACCTGGC  
GTTTGTGCACCGCGCTGCATGCCAACTCAACGATCGACCGCGCCGACCTTACGCAC  
ACGTTGGGTCTGGTACTTGATGTTCCACGGCGTAATCAGAACCGGGACGGAA  
CCGGTTTCGATTGAGAAGTGATCGGCGCGTGCCTCGCGATCCGTTACCA  
CACATACGGCGTGGCGGCCCTCCGGACGCCAGTCGCCGCTGATAGCCGTCGGTCTT  
GAGCGCCACGGTATAGGGTCCATGGCCCTGGATCTGCCGCACGCCACGGCCCGTG  
AGCTGACTGATGCCGCGGGCGAGGGGCCATGCCGGTAACGAAGGGTCCAAC  
GTCTCATGCCAGCGAGGTTGCTGTGAAGAGGTCGTTGGCGGGTTGAACCGCGTT  
AGCCGGGGCTACCCAAGCAGCCGGAAAGCCACGCCAACAGCAGTAGCCATTGCA  
CCAGTAGCGGCTATCGGACCGCGTCATAGACTGTTTCAATTAGCACTCCTCCGG  
GTTGGTTAGAGAAAGAGCGTTAAATCAATCACTTAGGCTTGAGGTGCGGATTGAA

AATCCCCGTGTCGGCGGTTGATTCCGTCTCGGCCACCATTCCCAGCCTTCATTG  
CAAGGCTTCCGGCAATGCCGGGTTTCAGACTCTTGTGTTCTGAGCCAG  
GCCTGCACACAGATTGGCGGGGGTTGTCGTCTGCGCTAGTGCCTTGACGA  
TAGGGCTGTGTTGCGAGCCGTCTTGCAAATCGGCTCGAATGACGCTGCAAGTTGCC  
GTCGCAGTCAACTGCGCGGGCGTCTGCTCGGCTCGCATGAGCGCTTGCTTCC  
ACGTCGTCTCAACTGCGCGTGGCGATACTGCGCGATGACGCAC

>CONTIG\_80\_length\_5638\_cov\_23.653239

CGCGGGCCTCCGTTCTCCAACCAGACCCGCTTGACGGTGAAGACCACCAGATCGTCC  
CTGGCATCCCTGCCCTGCTGAACAATCCGGTGGCCTCGCTTCACTCATGCGGATC  
GGAAGATGAAAGTGCCGGCATGCTGGGGTGTCAAACAGATCGCTACTGCGAGC  
ACTGGTCGGACAAACCCCTGCCGTGATGCCCTACCTGGAATCCGGTATCCA  
AGGAATCGGCACGTAGATATCCAAGATGCCGCGCTGCCGTATAAGACGGCTGAT  
CCACGATGTTGGGGCGAACAGAAAACGCTGGATACCGCGAACCGTTCGGCGT  
GCATCGAAAGCAGCGCCATACTGCGCTCAATGGCTCCGGCTCTGAGCGGTGATG  
CCATTAGGCCGTTCCGCTCGTATCGATCAGCCACTGCCATACAAACACTGCTCG  
CGCTCTGCTTGCTCAAGCGGTAGCTGGACCGCGTCACGCAATCAGCCTCGCATCG  
CAGGTGTGGTAGCCCGCCGAGGCCGTAGATGCCAACCCAGCGCGGATGTGTTGCC  
GCCTGCCAGTTCGCTGGTCAGGGTCCAGTAGGTCCTGCGGATCGAGATACGG  
GCTCTGGCCCTGTCCTGATACCTGCGGAGCCCCGGTATGGCCGCCAATGTG  
CTGAAGAAGATTCCCCCTTCGCTGCACCGCCATGCTTGCAGGCCATCGCAA  
CGCGCCTATGGCCGCTGCCACTGCTTCTCATGCCCTGCTCCTGCGCCAAGTTGCG  
ACGAACCTACGTGTCACGTAGAGTCTACCGTGGCGTAAGGCTCCGTATGCTCTT  
TCCATGCCTGCACTGCATCGATTCAAGCCTGTGAAGCCGCCACTCCC  
ACGTCGTGGCTGCGCGCTGCGTCAAGCCCGCAACGACGGGGCTGAGTCAGCGC  
GAGGTAGGGATGCGAATGGCCTGGACAAAGACACAGCGTCAGCGCGGATATCCG  
GTATGAATCCGGAGCCATGTCCATCAGCCTCGAGGCTTGTGAGATGCCGAAGC  
GCTGGAAAGTCCGCGCTGCTTTTACTGGCTGGCACCCCTGGATGGCCGACGCAAT  
TTTGGCATTGGGGAGCAGAGCCACTCAGCAAGACCAACTGGCAAAGGTCTTGG  
TGGCGCTATCTAACGCTGGAGCCAAAGGTGCGTGCACGGAGGCCTAGGGGGCCTAAGCAT  
GGGACTTATCTGCGCAAGAGCGTGAGGGTTGGACCTCTGCGGTTCAACTGCGAA  
GGCGGGATTGGCGTCTGGCCGGATCAAGGGCTCCGGTGGAACCGCTTCCG  
GAGGTAACACTACGTGATATGGGTGACCGGGCATTACTACCGTGCACCGATCC  
CGGGAGCCACGCGTCCTCGTCCGGTGTCAACCACCGGGTCCGTCCGTGCCTG  
GTGCCCAAGCACTCCCTGCCTCACCCCCACAATCGCCTGAAATTGCGCACGCATG  
GCCCGATGGTCGACATAGATTGGCCGACGCGACCGATTGTGGACTCGTCCTCCC  
AAGCACTGCTGGAAGAGCTCAATACAAAGAAGAAGAGGGTGGCGATGTGGCCAGG  
CGTCGCTATGGTTCGGCGTAGTCCTTGTGCGGCTGGCAACGAAGCCCCGGA

CTGGGCCTGGTTATGCTGGCTCTT GAGCGTGGGAGCCATTAGCGCAACGCATT  
GAAGGACCAACTCCGGAAGACGGTAGTCTGATGTATGAGCTGGACGAGCCGATGG  
AGAAGGCCTGGAAAGCACTCCACGCAGGAGCCCACACCATA GCCTCCGCTATGCC  
ACGTGGCACGTGTCCTCCCACGCCAAGGTCTCGACCGGAAATACCACGCTGGGCT  
GGAACCCCTGTCAAGCGAAGCCGACGCGCTTGCCTCAGGCCGCTCCATTGTC  
AAAACGAACATCAAGACCATGCCGTCAATGTCGAACCCAGGCACTCCATTTC  
CCGGACCGCGTTCTGATCTACGACGCGAATGGCGTGGCGCGTGGGCTACAAAGA  
GCTACAGGTGCTGGTGTATCCACTCGCTTATTGAGGATGGCAGCGTCCCGTG  
TGCAACGGTGGTGGATCGGACATGGCGTTACGTCAATAAGAAAGGAGGCCCTGACC  
GCCGCTCAAGGACAATCGGGAGCTGCCGGTATGCCAATACGAAGAGGTGCGCCCTG  
CGCAGCGACACCGGCCTCAACGAGCTACTACAGATTCTCGTCTGGGATCAGCAGC  
GGGGTTCGCCTCAGCCATTGCGGGCTATCCCAGTCATGCCCTAGAGAGCTGCCCTA  
GCGATCGCCTCTGTCAGCAATGACTTTAAAGAACCCCCGGCAGCCCTAGCGTCTGCT  
GTCCGCTGTGAGAAATCTTCCACCGCGGCACTCATGGCTTCTCAAAGACCTGCGA  
CGAGCCATCGCGGCCTGCGCATCTGGAGAATGGCACTGCGGCCGGCAACCAGGTC  
TGCCTCGATTGGGCCCTCTGCTGAATGGTCGATCTAGATCCGCGACCTGCCCTG  
GGATCGATTGCTGAGTCGGGTTGAAGTGGAAATCGTGCCTCTTCTGCCGCACT  
TCATAAGCGGTCGGTCA CGCAGGGCCAAACCCCCGGAACGTTAGAACCGCATTG  
CGATTCACATCTGCTGCCGTCTCGATGCCAAACGATTCCAGCATGACTTCTCGCC  
GCCCGATGCCGGAATAGGGCTCGCTCAATCTGA ACTGATCCAAGAACTGTTG  
CGTGCATCTGTCGATTGGGACAGCGCTCGATAACGCCCTCTCGTCCGCAT  
GCAGACCGGCATGCTCATCCCGCAGCGGACGAAGCTGATTCTGCTCGCTGAAGCT  
GAGTGTCCGCTGCTCCTGCTTCCATCGAGCGACGAGGCCGTCGATTGGGCTTC  
CTTGCTTATAGCCGGACGCCAGTGGTGC CAAAGTCCGAACGCCACGGCTGTTGACCC  
ACGCGCCCATGCCCAACCCAGACACGCCACACGGGGCTACCAACCGCAGAAAGC  
GCGATGCCAAGCACCACAATAAGCAGCCCCACCAGCCACCCGGTCGTTCCAGAA  
GGTGTGCCTGCCCAATGCTGAATCTGGGATTGGCAGGC ACTACCTTCACCTG  
TGGCAGCGCATGCATGGTGGCAACACTGCTGCGTGAATCTGCCAAATCGCATC  
CAGGTTGAAGGGACCGGAGGCCAGCTGGGAATGACGACCGCTGCACCGCAAAGA  
GCGAAATCCGGCGCGTCAATTGGACACCATGGCACTCAGCCAGCTCATTGAAA  
TAGGAATGGGACGGCCTGGAAGAACACCGTTGAAGTGCCTCCAGCTCGTCA  
GGCCTGGACCCAGTCTGCTGCCCTGGCGCCCGCCGGCTGGCCCCCTCGATGCC  
AAAGGCCTTCCCAGAGGTCTGCAACCCAAGGTGATGCCGGCCGGCAGGCAC  
TCAATGGGGGGCTTCATGCGGGTGCAGCAGTGTCTTGCCTAGGCGTAGCGGA  
ACTCAGGGATGCCCTCTCGATTGGCATGTCGCCGGCCGCTGTATGCCAGCAA  
AGGGATGCCGACCGTTCATGAGCATCTGAAAAATCAGGACGCCAAGCGAAGTTG  
TCGTGGTGGCGGTTCTGACTTGAAGGCCTTCCGTGGAGCTGGCGGC  
GTAAAGTCTTGAACGCCGACCTCACAGAGGAAGGTGCGCCCTGATGCGAAACCTG  
GAAGCTGCCGTGCGATCAGCTTACGGGTGACACCCGCACGCCCTCC  
GTGATTGACATCCCCAACCAAGTGACCCGATGGTAATAACTGAGAATGCTCGGG

CCGTGTTCAAGCGGCACGAACAACCAGTCTCCAATCGGCCTGGGGAAATTCCGCC  
AGACGGCTTTCGGACTGTAGAGCTTATGTATGTCCTCGACGCACGAAGGTTGGCC  
ATGACGAAGCCACAGACCTGCCATCGGATTGCCAGCAGCACTTCAGTAGGCCAAGC  
AGTGAGCTGATCCAGCGCAGCGGTCCGAAGGGCAGCCATGCCACCAGCTGTCGG  
CTCTCTCACTGCTTACCGCAGCCAAATAGATTGGCAGCCAGTCCGGCCTCCCT  
CGACTTCGAAGACCGTTCCCTCTCCCCCTTGCCCAGTTGCTTCCCAGCCGAACCGG  
TCCGGATTACCAACCAGAGCAGGTGAAACCACTTAGGCGTCCTACTGGCGCCGG  
TGCCTGGCAGCTCGCCAGCCACTGGCAAGCAGGAGCGTCTGTCGTCGTCCGT  
CCGCTCGCAGATCACTGGCGAGGCAAGATAGGCTTCAACTTAGAGGACAACACTTT  
CGCTGTAGCCTGCCCCCTCAAGGCACGGACCAGCGCAATATCTTGTGCGAAGAAG  
GGCGAATGAACGCTCTGCGTGGCTTGGAGCACCAAGGCTTCGATGCCATCGGT  
GAACACCGCGACCTCATCCACCGCGCCCACATTGCAGGAAAACCTCCGCGTTCAACA  
CGGCAGCCGGATCGGTGACGAAAACGGTCGTGTTGATGTATTCCCCGTGCTGGGCC  
AAAACACATAGGCCAATCATCGCCGCGAGGGCGAATAACAATGGCCCCGTCGCC  
ACCTGGAAGAACGATGTATGCGTCGGGAGACGATAGCCGCCACCAACGTGCAAGC  
ATACTCTCTGACCTCCAACCGTCGGCCGAGCCCTGTGCGCAATACGGGTCGTAAC  
GCCGGCGAGCCAGTTCAAGACCACGTCCCGTTATCTCTCAACGCCATGGCCGTC  
TTCAAAGTGGTTGCGCACACAATCCGAATCTCCGACGTCGCTAGCTCGCACCGGT  
CTCTGATTGAGATGCACTCCGCACCATCCGACGCCACCAACAGCACGGTGCCGTG  
CTCTGGAAAGAATTCCCTGTCATAGGCGCCTGGCAGTCCGTTCAAACATTGATGTG  
GGATGTACCAATGGATGAGGCCAACGACGCCAACCTGGAGATCCATTACAC  
GCTGGCCAGCCGTCCGGGCAGTAGGGTTGACCAGAGGCACATTATCTCCAGGGG  
TCGAACGGGACACCGCGCTCATTGAGTTGGACAGCCATTGAACAGTTCTTGAAC  
GGAGGCCCTTGAGATGCAAGCGGTGACCGAGGAGATTGCCAAGAGTGTCCATG  
TCTGCCCCCTGCAGCCAACCGCGAAGAACTGAAAGTTCTTGTGCTTCCCTTCC  
CGGACCAAAGCTGCAGCACGTTGCCATGCGTCGGCGAACCATCGGTGATGAG  
AAACACCCAAGGTCGGTAGTAGGAAACGCCGTTGGTTGTAGATCTCCTGCGTTG  
CCGAACCATCTCCAAGCCTGCTCAATCGCTG

>CONTIG\_81\_length\_5599\_cov\_53.746528

GCTGGCATGCCCTCTGAAC TGAGGGCTCAAATCGTTGGACATGAAC TCGATGATGAG  
CATCACCGCACTTACAGCAGAGAGTTACCAATCGGAGAGCTCCAAGGCATGGG  
CCACCACTCCCTGGACTGAATTCACTAGATTCAAGCTTCACTTGGCTACTTGAGG  
CAGCATCTGGAGCTCGAACACCCCTAGCTAGTCCTGATCCCGGTCTTACACGT  
ATTGACAACCGCCTAAACGCTGCCTATAATTAACTCAATACGGCCCTCTGCCAT  
ACGCACGAACATCTGCGTATGGTGTGAGGGTTCTTCATTGATCCCATATT  
CGGACCAAGTTAGTTGGAGCTCCATTGGGATACGCCAACCCATGCTTAGCGAGAT  
CTGGAAAGCTTCCAGATGCGCTTGAGGCGATCTGCCAAGTAGAGTTGCATTGA  
TGACCATCATGAGATGGCGAACATCTCAACAGCATAAAGCAACCGCCTCTGGCA  
AATTGTCTGTGGAAATGAGCCACCCATGAAATTCAAGCCACATCAGGCAACCTC

GGCTGCTCATCAACATTCCGGTCCACAACCTGCTGTATGGCGCAAACGTTCTTAAATAATTCAAGCTCCGCAGCCAAGTTCGAAAATACGTCCGTTAGCAATCCCGTATTTCGGCAATCACGTCCGCTCTGCTTCGCGATGCCGCCATAAAGCACCGACAGGGCACCGAAGTCCCATAACCTCACACACTACCCAGATGGCAAGTGGTAGCCCATATTCCTCTTATTGTGTTAACGAAATCCTCTTCGATCTACGACAAGCTGATTATTTTACTCAGCCATATCTCATGAGCTGTCCGCCTTTGAGGATTGTAATGTGTTGCAAACACTCTGATGTAAAAGGCCAGGGTTCGTATAAGCAAACGTATCTAGCTTCCCAATGTATGAGAAATGTCGACTCGGAGAGCCACCTCTTCGTTAACGCGATGCCACAAAGGTGCGCAATCGCTTATCGAATACATAAAGTTCAACGACTCTACTGAACAAATGTGCCACGCACAAAAATCATCAGTTGCAACACTTTACTTTAGCTCTCAGGCCCTTCATAGCTTCCGGTCAAGTCAATGTATTGGCGCGCAATCGAAACCGGATACCAGTAGCCGCTCAACCGATAATAGCCAATCCTTCCAAATACAAGAGTGCTTCGGCTCATCAGTCACCCCCATGCCCGGGATTAACTGATCCAACGCTCTTGATAACTCTCCATGATTTGATAAGACACGAAAGCTCCCCGTAATTATTTGCGTTGTCAGCCAACCTAAAATTACTGCCCTTATGCATCTCAATCAGATTGTCGGCTCAGAAGCAAACCAAGATGTAAGAACCCCAAGCAATGTTGGAAACACCTTTTGAAACACTCCCTCCCTCATCCTGGTATGCACTCAGAAAGGCAGGTTTTCACTAAAACCAGCTCAAGCGCAATCGTGGTTAGAGCCACCTGCGCTCTTGATCGGACCATCCGATGCAACGACCTCTACAAAAACGACTAACACATCTGGTATCATTGGAGTTGACTCTAAGTCAACCAAAATAATATCAGGAAGTGTGTTGCAGGGTTGATGTTCAAGCCTAATGCTTCATCAAAACATCGTCACTCACCACACCTTATTGCCGACTCGCTAACCCAGAGAACTGCAGGATCTCTGAGGAAGTTGGGTGCAAACACTCCACTACTGCCATTGAAATGACACTGGATGGCCCGGTGCCAAATCGCGAACACCCTGCCATTGGAAAATTGACCGTCACCACACCTGATGCAAAAGTTCTACCATGATTGACAAGATGGATACGCATCAAAGCGCCCTGGAGAGGTGCTTTCTGCCAAGCCGCTATTGCACTATCTAAATCTCTGCCTGCAAATTGGAAGCAACAGCGCGGCAAAGCCGGTGCCTAATGCATACCTAGGCTCGAAGAGGTTGTTGTCACCCCTGCTCGACGACAGCACCCGAGGAATGAAGGCATCTTGATTGTCTCGTCTGACTTGTCCGACTGTTGGTTGCATACCAAGGGATTAGCAACCCCTGTCTTTTGTTGATAAAGACCAAACGACCCATGACTTGCAGTCTCGGCATCCAACAAAGCAGCCTGATCATCAGACATGTCGGTACTTGGCTGGCGAAGCCATCCACCCCTGCCCTCTACCGCGCCTGCATAGAACATCACAAAAATCACCCGAGTAGCGACTCTCTCGGATGGCATATCCGCGCTGTTCAAAACCTCTGGAAAGATCAGAGGAAGTCTCTCTCGGATCAGATCTAGCGAAGGCACATCAGGCAAACTCATCGGTACGGCTCTCCGTAGCAAGTGTTAACAGCACGATCAATGGCTCAACGGATGCTCCGTTGATCACCAAAAGTTCAAATTTTCAGCTCAGCAATCGAAGGAAGCGGGATTGCATTGAGTTCATAGGCAGAAAACAGCAACGCTCCACTGATGCATCGGAAGGCTCGATCCACAGCTTGCTGTTGAGCAAGCGCCGCAATTGTTGCAGGTTAACCTGCTCGATCAGTTGCAGGAGGGAGCCTGGATCAAAATTGAGGTGGTTCTCGATGACGCATCCGCTGGTGCAGGTCATAAAATTCTGGGAAACACCGCAGCTAGCAATCTGCGATCTGCTCCTCGATGTTGCGTTGAAGAATGACCGAGGATTCTGGTATCAGGTGCTTTGATCGGCTTGAACGTCAATGAACGGCG

AATGGTTACGACGTTGAGCGCTAAAATTAAATCCAGCATTGGTGATCGACTCAGCCC  
AGATGAGTGGCAGCGAATTCTAGATTTTATTAGAGAGCTGCTTTATGTCGGTT  
CCACACCAGAGGCCCGTAGAAACAGCATAACCGAGATCTGCAAAACGGGTTTCA  
TCGACGAAATTTCGAGAAAACTCGCATGCCACTCGATCTTGGAAAGCACCCATG  
GCTCACCTGTCTTATCAATCAGGATATGCCAACCTCTCCACTTTGCTGCATTCAA  
CCCCTGTGGCACGAGAACGGAAACAGACACAGGGCCAGTTTCTCGAACAT  
AAGTAGTAAGCAAAGTCTCCTGCAGAACATCGTCAAAGACGTCAATTGGTCAGAG  
ACAAAGTTCAACGCAACCGCGTTGCTCGGTAGTGACCAATTCTCGCAGTGATTAA  
AAATATTGGCACCAGAGGAAGGATGTCGGCGTCAGATAAGCAATAACCCCTTTT  
TTGACCAAACGAAGCGCCAAGTCAGTAAACAAGCCGTAGGTTGCATGTCCATA  
CAGCGACCTTGATAGTCTTCAAGTGGTCACTCAACTCAAACGCCGTAAAGG  
AGGATTTCGATACCAAAATCGAACTCCCCAATATCTCTGGGCCGAGAGCATCGGC  
GACATCCACTACATCGGCAAGCCGTCGCTGCTGCTACACAAAGCGGCATCACGG  
CGGCTTCAAGCAGCACTCTGTCAATGCCATGCAGCGAAGGGTCAATCTAACACAC  
GAAGTCGTTACCCAAACTGCGCACGAGCCAGTCGGAGACGCATCAGAGCGTGCA  
ATCATTGGAGTGCAGAGGCCAAAAAAAGGCCGCCACAAGCCGGATCGAT  
GACACTCCTTTTAAAATCAAAACCGCTTCCGCAAGATCAAGCAAGCGAGC  
CACGAGCGGTGGAGGCAGTAAACGCCCAACTCAGAGCGCAAACGGCA  
AGGTACACAGTGTAGATGGACCCAAATCAGGTAGCCGCATCTCTACTGGAACTCAG  
TGATCAACTACCGATAGAAGTCGCTACTGCTGCAACGTCACTCAGGAAGAACCGGC  
AGATCTCTGGCAGGGACGAGCCCTCATCGAGGTTCTCGTCTCGGCCAGACAG  
TCCCAAGTAAGTCGATCACGGCAGCACAGAAAGCTCTGCCATGAGCAAGCCTGCT  
CTTTCTGGCTCCTGACTCCGCATATCCTCGTGCATGCCCTACAGGCCTGATAG  
CGTTGGAGTGTGGACAGGCCATTGGACCTGGATGGACGATGCCCTCAAATTCTAG  
AACTTAGACCGTTGAAGGGTGGCAGGAGTCGCTCCTACCAAGAGTTGGATG  
CGATAACACTACACAGGACGCAGACCTAGCTATGGCAGGGATGGCATGCGGTAAA  
GTGGCACAGTCGCCCTGCATCACCTGAGACGTCAGAACCTTGGACGTTGGTT  
GGGTTAAATTAGCTCCACTGACCACCTCAAAAGACATCAGTTCAAGGCTGCTG  
TAACCGCAGAAATCTCTACTAGCTAATGCCATGGAATGGGGATGGTCAATCAG  
CCCGGACTCTAAACCCGACCAACTACTCAGGGCGGGGACGTCGCGCGCTGGTCA  
CACTACTCCCAGGCTCACATCTGAAAATATCAAATGCCCTGGCAACCCTAACAGGC  
AATACTCACCAACAATCAGCAAGGAGAGCAAATGATGTCATTGTCATTTCATT  
ATCAAAATGTTGAGACCGCTCCATTCTGGACTATCTCATGGGGATAGGCCTGAGT  
GGAATGATTGGCGGACTTGGGTTATTAAATTCAAGGACAAGGAAAATCTCT  
GACAACACACCTTTCCGTGCGAGTTGCAGGATTTCCTGTCGCTATCTCAG  
CTTTATGATTGCTGCATTCAAAGATATGGCTGAACGCCATAACAAAAAGAAT  
AGCAGTTCAATAGAAGCTGCTACATCCGAGAGCAATGATGTCATTGCTG  
ACGGCACGATTATTCTCAGTAATTATTATTGCAATTGGAAATTGTATAGCAAT  
TAAATTCAATGTCAGTCCCTGGAATTGCAAAATAATTGGCGAAGCGTCCCTGC  
TTCGCCAATTTCATTATTGCAACCTCATATTGCTGACCTAACGTTGACA

CTGGCCGGACTCGCTAGGTTTAAGACCTCGATGGATGATCCTGCGGACTCTG  
CACCACTGGCAGATCCACCTAAAGTTTCTCGAAACTTCCCTGATTCATCATG  
GCACTCCGTGCATTTAATCCGCCCTCTCTAAAACATGACTCGCTCGAGACCA  
TGTGCTTGCTTCTGAGCCTGACGATCAGCAAAGCTGACTTAGCCGTTGGCGTTTC  
ACCCTCAAACCTCGAGATTCTCGCCTTGCAGCGAGGTAATTACACTGCGCACGGTA  
GGGGCTCACCAGCATCCTCGATAACGCATCATAGATTACCCAACAGCTCCGTATC  
CTCGAAGAGAAGTGGCTTGTGCGTAATGATCTACTCTGCGACACAGTAGGGCTTC  
ATAGGCTGGTAAAGCAGTCTCAATTGGATGCCAGGGATGCTGTTGAGGATATT  
CAACGCTTGCCGAGC

>CONTIG\_82\_length\_5592\_cov\_35.271912

TACGCCAACGGCAGAACATGCCAATGCGGTGGGTCGTTGCTGTATTCGGAAGT  
CGCTGCATGGTTGGCCTCACTGGATGCCGCCGGTCAGTGATCCGCAAGGGCGGA  
ACACTGACCGGTAGCCCGCTATGCGCGGTAGTGGTTTCAAGCGGAGCGCGCGTT  
CAACGCCCTCCGGGCATTGCGTGTGTAATTGGTCAGTAGAACCAAGGCCATGTGGAT  
GACCATGTAGAACGGCAAGCTCCACCACGATTGCAGGCCAACGACGAGGGCTGCAG  
CCGTCGTGAACCGACAACGCCATGCGCGGAATGCCATACAAGAACGCTGGGT  
GTGGACAGTGCAGGGTGTACCGGCACCTCATAGCCATCTGGTTGGTTGTTGCTCC  
ACGATCAGAACACCGCAGCCGCCGAAGCCAAGGAAGCTGAGGAAGAACGTGCTT  
GCGCTGAAGGCAACCGACAAGCCAGTAGGACGCCATCAGCTTTCATCCCGGT  
GCCTCCTCCGAGTCGCCATCCCGAGACCACAGAACGATGGAGATCACCCCAAT  
CGCCTGGCGACGGGACCGGTGATGCTATTCAAATCCGATCTAGCCAGTCTCCCA  
CGGCATGCCGGTGCCGCTGCGTAGGCCAGCCGGCAACAAGAAAAACGCCAGCG  
TCAGCAGCTGGAGAGTGCAGTGTTGCGGAGCTTCATCGTCATGTCCTGGATGGG  
TTGGGGGAATTGATGCTTACCTCATATGGTTGCAAAACCATTGCACACCACATG  
CCTGAATGTAACAAACATTGCACACCGTCGCAATGTCCTCAGGCCAGCGTCATCGT  
CCGTTCTTGACGGGTTCGCAGTCGGAGTTGTTCTCGGCCGGTAGGAAAACAC  
CGACGCGTCGCTACTGTCAGCTACTCGGCTGATATCAGTTGTAGACATACCCCTCC  
GGTGCCTGCTCGATGCCGGTAGCGTAGCACTCACGCACGCCGGCACCGCCTT  
TGACCGCCGTCGCCCTCGATTGTCGAAACCGATGCTCACGATGATCTGCACCGTG  
CGCGCAATCTGCGCGAACCGCAAGAACCCGCTTGACGAGCAAGTCCTCGAT  
GCGCTCAATGCTCGTTGGCGCTGTTGGCGTGATGGCATAGCCGCCGGGATG  
GCCGGTGTCCAGGCATCGAGCATGTCATGACCTCCGGGCCACGCACCTCGCCGAC  
GATCAGACGGCTGGTGTACCGCAGCGTATCGCGCAACAGGTGCGTCATGCTGCG  
AGTGATCTGGTCGCGATTCCGCACGGTGCAGCGCACGACTTCATCAGCTTCCAC  
GCGCAGTTCTAGCGTGTCTCCAGTGTGATCACCCGCCGGTGATGCGGCCATTTC  
GTACAGGACGGCATTGGCAAAGGTGGTTTCCGGTGTGGCTGCCGCCACGATCAC  
GATGTTGTCGCGGTACGGACTGCCTGACGATGACATCCGTTGTCGCTGGGTGAG  
CTGCCCGTTGGTCACATAGTCGTCAGGGTGAGCCGCAGATTGGATTCTGCGGGAT  
CACAAACGTCGGGCCATCGGGTATTCCGGCGGCAGTACAGCATGGAAGCGATAGC

CTGTTCTGGCAGCTCGGCCGGAAAGCTCGGGTTGCCTTATCGGAATCTCGCCGA  
CGTGATCGGCCACGATCTGATACGCGCATGCGCGTTCACATCAAGCGTGTGGT  
CGTGGCAGATCCGCCGGCGCCTTGGCGTACACAGCCGACCATCGGGGTTGACCC  
GCACTTCTCAACGGCCGGTGTCCAGCAGCTCGCCATCGCACCGCCAGCGCG  
GATTTCATCATGTCCAGCAGGCAGCTGTGTCGGGTATGGCGGTGGGATCGGTGCG  
CTCATGGGGCTGCCCTGGGTCTGGATCGCGTGTCTGGCTGTCCGGTGCCTCG  
CCAGGGCGTGAACTCGCTATCGGTCTGGCGCGAACAAACGAGCCGGTCAACTTG  
TCCAGCAGCGGCTGCGCTGGCTGAAAACCGCTTCCACCGACCGATCAGGGCGTT  
GTAGAAGCCCTCGCCCGCCGCGTTGCTGGCAGGCAGCAGGCAGGCAGGTGCAA  
ACAGATTCTGGTTGTAAGCGTTGTTAGCTGACCAGCATCTGATTGCCGAAGTGCA  
CGTTACGCACCTCGTTGCGCAGTGACCTCAATTCTTGAGGACCAGCATTCTCGG  
CTTGGCGTGTTCGGGTGCTAGCGCTCTGCTAGCGCCGCCTCGACAACGGCGCGCA  
GCGGAATGCGGCGTCAGGGCTTCGACGGCTCGCGCTGGCTAAGTTGATGAGTCGGGTTGGA  
TCTGGGTGTGCAGGATGGTCTTACCGTCAGATTCTCATGGGAGCATGTAGTCCAT  
GTCGTCGTCGGCTGCATCCATGCCATCGGCTTGGCGACGGGCTGACGGTGATTTC  
ATGGGTGTCGATGTCGGCATCGCGCCGATATCGTCATCGAGCATGGCGCGGCTTC  
GACGGCACCTCCTGTGCGGGCATCGGCTCGGGGTGGCGTCCAGATCGCGGGAGT  
CTTGGACGGCCGGCTGCAGGGCGGCCACCGCGACCCGGCACACAGCGGGGNTA  
AGCTTGGCCACGGGTTGCCGGCACTGGCGGCCGTAGGGTATGCCCTGGCGCT  
GGTGTGGCGACCGGTGCGTACTTGTGGGTGGATCTAGCACCTGCCGTTGTC  
AGTCGGCGGACCAAGTCGAGAACCGTTGCGCTGTAATAACTGATCTCATGGC  
CATGATCGCGGGCAGGCCTGCGACAACGATGATCTCTGGCCGGTCCATTCCCG  
CACCTCGCCTGGGTCATCAGGGCGGGCGATTCTGGTTGGACACCACACGTG  
CCCTAACCAAGCGGACAAGCGCCCGCCGGTAGTTGGCTGCTGGTGGATCTCGT  
CGTCATGCCAAGCGAATCGCTGATGCGCTGGCGTCTCGTCGGTGGTGGCGCATA  
CCACACGTGGATATGTGACCATCCATGACGGTATTACTTGGTCCGTAATATTCAC  
GATTGGTTATAGCTCTGGTTGATCATCATGCACTGATGCCATAGCCGGGACGTA  
GCCAGCCCTCCTCAAAGAACTCCAATTGCCAAGGACGGAACTCATGACCA  
GCAACAGCAGCCGATGCTTGTGCCCTCCGGGTGCAATTCTCGGTAGCCGGCG  
TGATCTGTCAGCATCAGCGGAACAAGGGCGCAAACGTGATTGTCACTCGCG  
GACTGATCAGATACAGCGATAGCGGATGGCGCACGCATCAGGTCGATGCGG  
AAGTCGCTTCGCTGGTCGGCACCCACGATGGGTGCTAGTAGAGGTTGAAGAA  
GCTGCGCGCCGTCGAATGCACACCGCTGCGCTGGCGCTTGTGAGCATGGC  
CCTTGCTCCGATCGCAACGACCGGATGCACCTGCCGTTGCGGTGCTGGTGTGAG  
CATGTATTGCAAGCGTCGCTCCATCGTCCGTTCCGGGTGTCAGGAACATGGCGAT  
GCCGGCGAGCGTCTTATCCGGCTCGGATAGAGGACATGAAGCACCACGCCAGCA  
GCCACGAATCGGCCTCCTGCTCCAATGGTGGGTTGCCCTGCCGTCCGGTCAA  
CCAGCATGTCGGTAACGTTCTGGCGTCCACCTCGTTATGCCCTGGTGAATCTC  
GGCCAGCGGGTTGAACCGGCAGGTGTCAGCGTGGGTGGGTTGAATTCAACGCAT  
AGCCGATCCGGCTCCGGTAGCCCCGATGTCAGCTCCAGTTCTGCCCTGATGTCGT

TGACCACCAACGCTCGCCTGCCAGTTCAGCAACGTGGGCACGACGATGCCACGCCTT  
TACCCGACCGGCTCGCGCGGTGACTTCAGATGCTCCGGGCCGTGTGGTGAGGT  
ACTGACCGTCTCGGTATGCCAGTACACGCCGCTGACCCAGCAGGCCGGACT  
TCTCGATTCCCTGGCCTCGGCCAGCGCGCCAGGCCGTGCGTCAAGACCGTCTCCT  
GGCGCGGGTGCAGAAGATGCCACGCCACCATGGCGACGAAGCCCAGCGCTGCA  
AATGCAGCGACGATGTAGATGCCCTGGTAAGATGTCCGGCGTAGGCCTGTTGA  
ATCCCACAGCCACGGAAATATGACCACGGCGCATAGATGCCGTGCCCTGCGATT  
GAACCAGGGCGACCGAGCTCGGCTGATAGGCCAGCGCGTAGGCAACGTACTGGC  
CCGCTGCCACACCCCCAGAAAGATGCAGACCACGCAGGCACCATGGGACCGCCC  
CGCAGTCGCCAGCGTACGGTTTCTCGCGTTGCTTGTGGGCCATCGGTT  
TAACCTCCGTGTGAGTCCTAACGATTGCCCTGTCAGCACATCCATTGCCGCGAAG  
CGGATGCGCACCGACTGGAATGTCTGGTCATGCTCTGCCCTCGCCAGCTGCACC  
GCGACGGTGTGCCAGCTGGCCATCTTCGCCGGCACCACCGCAAAC  
GCTCCGTTCTGCACGATACCGCATGCCAGCTGGCCGCTGGCAGATTCTCGATGGCCTCC  
ACTGTTCCCTGGAAGCGCGGGCACATCGAGATTGACCGGCTGGCGTACTTGG  
CGCTAGCCGTTCTGTGCATGCCAGCTCCATGCCGCGATGTCTTGCAAAGCC  
GGCCTTGAGGCGCACGCCGCCGGAGTGCCTGCCATCCGAGTGCACCAAGC  
GGTGGTGCCTCCAGCGCTCCAGGAACGTGCCTGCGTGCCTGGCTGGCGTGG  
TGGGCCCTCATCTGCTCAAGGCACAGGCCAGCTGGTCGCTCCAGGAACGTGC  
GTGCAATGACCTGGCTCTGCTGAGGCAGCGGCCCTCCAAGCACGTCTAGGCGCA  
CAAAGGGCGCTGGGTCGCTGAGGTGGATCGCGTTGACCCGCTCCACCAGG  
TCGGCCGGCACCTGGAAGGTGCCCTCCAACCTGGTCACGTGGCCTCGGTGCGCC  
AAGGCGTCCATGCCCGACGTGCGCCTCGATGTAGGACTCTGGCGTTGCC  
GGCAGACGTTGGGTCCCATTCTTGACCTCTCCAGGTGCGCCTCAGGGAAATAG  
ATCTCATCCTCAACCGCCGCAGCACGTTTGTCACCGATTGCCCGTGGCAGCG  
GTGTAGCTGTCGAGGGTCACGGTGTACCGATTGCCCGTGGCAGCG  
TCCGACGGGCACGTAGCGTTGCGTAATGCACCTGGCCGTAAGCCGGACGAC  
GACGTATTGGCGCCGATCGCTGCGCTGCCACGGTCGAGAATGACGCC  
GACCGGTCCAGATGTCTAGGCTCTTGTCTGCCAGTCGCCGCTGGCTCC  
TCGGCTCGAAGATGCGGCTAACAGTCCC

>CONTIG\_83\_length\_5580\_cov\_7.674674

GAGCAGCCAAGGATTCTGGAAACTTGCTGCAAGACCATCTTGGAGCGGCTAGGT  
GTCTCCTGGGAAGTCCAGCGATACTAACGATTGACCAAGCGGGTAGCGAAGGA  
GCTGGAGCTTCTGAAGGCCTGAGCGACCGAGCCAAGGGTGCCTGACAACATCA  
AGCTGATCTTGAGAACCTGACGGCAATGACAAACCACTGGCCGACTGCGGGC  
CGTTATGGGACGGGCATGGCCCCAGTGGCCATCATGGGGCTCCAGCCCAGGCA  
CGCGCGCCTCGCGTCAACGCAGCCCTGCCACGTTGGTGTGGACACCTA  
CCAAACCAAGATCGTAGCTCAATAGCGGCGCTGGCTCGAAACAGGATTAGAAGGGGA  
ATGAATGAAAAACGCAGTGACGGCGCTCCGATGCCCTTGGCGATGGATTGC

TCTGCGCCGCCATGCCCTATTGCCAAACCAAGTGCAGGCCACACCTCACCG  
GCAAGAAGGGCTGCGTCTACGGCACCGCACGATTGCATGGCGGGCGTTGGCAAC  
CAGATCGTCACGGTGACGGACAGATGGGGTCCAGCGGTAGTAATGTTGTCTAC  
AAGCCATTGGATGTCAGCTCGATCCTGTTCGTATAGATGGAGTCGACCCCTCCGG  
TTGAGCGAAAAAATACCACCCGACCGGAGGTGCGTGTCCGGTCAACTCTGCACC  
TGGTCTGGACCGTGCTGGCCCCGATCTGGTCTTCCTCAAGGAGTTAGCTGGC  
GCAGACGAGCTGGCATGGTATGGAATCCGATGACCACAGACCGGGTAGGAGAT  
GACGATGAAGAAGGGCGGGAAAATGTTGCCAAGTCCTGAGGACATACAGGCTA  
ACGAGCCCTCGGTGCTGGAGACATCCAAGGCAGAACGATTGTCAGGTAGGCAC  
GATCTTCAGCCCTACACGTCGTACGGGCTTGAGGATTCAACGTAATCGGAGG  
GTGATAAGAATGCAGGTCCAGGTACCGTACGGCAGAGGTGTTCTGCTTCATG  
GCAGAAGAGATTGCATTGCGGGTCAAAGAGCAGCGCTTCTACCTGGATCAATCCAA  
AGCCCAGCTTGTACCCGTTGCTCGATTGAAGCGGAAGCAGATGCGATGGAAA  
GGAATGCCTGGAGAACCCGCCGGAGTTTCGATCCGGAGAACTGGGACATGTCCA  
TGGTCTATGAGGCAGCATTCACTGAAGCCTTGAGCACTACGACTTGCTGCATGAGA  
TGCAGCGACCGCACCCCTCTGGGCATTGCCGCCGCATGTATCACCATTCGAAAAGA  
GTTTCCGTGTCCGACTCGCGAGAACTGCGTCAATCCGGCTGGGCATAGGCAA  
AAAACCCCGCATCAGATCTGGCGTTCAGACTGGAGCAATCTGGAAGCGCTGTTGT  
GCCCTCGGCTGGATGTGTCATCCGTGCCTAGATACCATGACCTGAAGCCTGCG  
ATTGGTGTGAACGTGTTCAAACATGGCAAGGACAGTCCTCGAAGATTGAAGC  
AACGCTTCCTCGGTTATTCCCGAACTAGAGTCGGGGACTCGTGGGGTATGTGG  
ACTACACAAACCTTGCATAACCGACGAAAATCTGGACTCGTCTCCGAGGCCATTG  
TGAGCTCTGGAGGAATTCCCTTCAGCTATCCGTGGAGGAAAGCGTTGCCTCGT  
TGGATCTCCGGATTCTATGCAAGGCGATGCCGCATGACGGTTGCCGACTTCG  
CTGCCGGTCCGTCGCTTCACTGCATCCTGACTACCTGATCCCACCGAGTCGTG  
GCCGGCGCTGCTGCCGCCGCACCCGCTGGCGATGAGCAAACGCCATCGAG  
CTGCGGCCAAACTCGCGTTGGCCGATCCATCACCTCTATGAGCGCTTCAAAGC  
GGATCCACCTCGCGAAGGCGTTTCACCGCAGGTGTTGCTGCGCCCTCAGTTCA  
AACACAAAGGGATTACCAACAATGGACGAGCAAGATTGAAAGAGCAGGTTGGC  
GCTGAACGTGCTGCATATGACCGCCTACATTGCACGCCAAGGTTAACCAAGT  
ATCAGGTGCTTCGCGATACTGGCGATGGAGACTACATCGCGCGCCTTCAATG  
CGAGCACACCTATATACCAATACTTGGCCGCTGAGCAGGCTGTTGAGAAATAT  
TTGAAGTGCATCTGATGCTTAATAGACACGACACAAGGAAGCTGGCATGAGGT  
TGAAAGAGCGCTTGAGGCGGTCCGAGCATGCCTAAGTGTGAACCTCACGG  
AGGTGGAGCAGCAGGCTTCGACAACCTGGTGCGATGGAATGCAGATAGATACCTG  
ATTAGGTCTTACCGTAGAGCACGTTGAAATCGCAGGATTGGACCTGCTGTG  
CGGCTCGGCCAAACTCGCGACTGGATGTGAACCATTACCGGATGATCCGTCT  
CAGGATCTCCTCAAAGTGAACCTGGCTGAGATCGCAGGAAGGGCATTACATC  
AAAGCAGGTCACTGCCCGTGGTGAGCTGGAAAAGATTGGAAGACAAGCGGCA  
TCCAGCAAGGACAGGGCTGATGGCGAACCTCGTTACAACACGCGAATCGAC

GGAGCACTCGCATGTCCACGGGCTGGAGCCTGGTCAACTCCCCGCTCGACATGGCA  
GATGATCAGGCAGTCATCAATGAGGCTAAGCGCTGGATGAAGCTGGCTTAGCCCCT  
AAGCGTAAGCCTCGAGCCTGCACAAGCGGAAGTAGTGCCTTGCAACTGCGGTT  
GCATCAAGGGCCCAGGCCTCGTCTCCCGTAAGGGCTTCCTCCGAATCCTCCTT  
CCTCCGTGGAAGAGATTGTTCCGCACGCCGATGGCGACTACCAGCGCTCGCG  
TCGTTCTGAGGAAGTTGGTCTGGAGAACTTGCCTAAGGCAGGCCATCTCACGC  
ATCGCAATCTTCTGCTTCATTGGTCGCCGTGCCTATCGCTAGCAATCGGTGCGGT  
GTGGCTGGCCCACGAGGGCTGAAAATCGTTACCCATCGGGCGAACTGCTGCGTCC  
ACGATATGCCAATCCACGTCCGCCACCAGATAGGGTGTGGCGGTTGCTCTAGTC  
CAACGAGTCTGAAAAAGGCCTGGCTTGGAGCTGAACACTCAAGCTGCCAAA  
GGCCTTCAGTAGTTCATAAGCGTGATCTTATCAACTGGCATTGGCATCTCGGCTGC  
TATGTCTAGCAAAGTGAAGTCCAATGCCAAAGGGACTGCAAATGCCTGGCAGTCA  
ACTTTGGCTCTGGCCAATGAATCACCCGGCGCTTTACTTCTACGAATCGAAGAC  
GCCCGTCTTCCACATCGTGATATCTGGCCAGCCCCGCCTGTATTGTAGGGTTGG  
AGGCGAAGATGGTCGCGATGCGCAAAAGCAGATCCGGGCCGGAACGGTTAGGAGT  
TCCAGTAGCATCCAGCGCTCCAAGCCGGAAACACATCGAGCACCGAGGAGGTGTT  
GGATGAGTGGCCCCAAGAGGTCTGCTGACGTGTGGGCCGGAGGCCATGTGAT  
CGAAGTTGGCCGCCACCTGTTGCTGGGTGGCACGGCTCAGACTCCCTAGCAGGTCTG  
CAACCGTGTAGGGCGCCCATAAGATCGTCCGCAGCCAAGGTGTAGAGCGCTTCG  
GTGTAGCGCGTGCCTCGTGTATCCAGGCTCTGGATGACATGGCTTGATCAGG  
GTCAGTAGCAAGCCGCCTCACCACTGAAGCCACGCCAGCCCTGCTGGTGAAGTG  
GGACATGGCAGCGCGCTCAACCGAAAGCAGCTGGCCTCGCGCGGCCAGACCCACT  
GCTTGGATCAGGGCTGCAAACCAACAGGGTCAGTTGTTGCTATCGGAAGCCTGCCTTT  
CGGCAGAGCGCTGGCGAGCTGTTGATGGCCATCGTAGCGGAGTCGGCGCATT  
GGGGATCCACATCCCCGCCGCTGCTAAGGTCCAGGGGCCAGGAAGGCCCTA  
CAAGGGCATACTCTGCCGTCCCACGTTCTCGGGATCCTCGCGGGCTCATCCC  
CGGCCTATTTTGCTGATTCAGGCCTGCCCTCTGCGCTGGCGCTCTAGTGA  
GCGCGACCGCTTCCTCGTAACCTGCTGCCCTGCGCTAAGGAGCAGGTCCAACCGA  
CCCGGTGCCTGGCGGTGTAGTAGATGTTCCCCAGCGGCAACACGGTTGCGGGCCGC  
ATCGCGGGCCAAGGCTATAAACGAAGTGCAGCGAATCGGTCTCCGGCCAATCGG  
GTCAAGGTCTGGAGTCGATCAACGGTGTCTACCGCCTCAATGAAATGGACGCTCG  
GAACTGCGAGAGGTAACGAAAGCGATGTAGGCAGGCGGGACAGTGGGCCAGCG  
TTGCCACCGATGGATGAAATACTGCCCTGCTCGTACGACATCGATCCACGTC  
AGCTCTTGAGAGCTGGCATTAGTCGCGCTTAGAGAGACCACGTAGCGAGCGA  
GTCAAAGGCCTGGAGGTCAATTCCATACTCCGATAGGTGCAAGGCAAGCTGGTCCA  
GCCACAAGCGTTGATTGGTCTGGCGCTATGAGCCGCTCGCCATGGCTC  
GGATTCTGACCAGGAGAGGTGATCGACGGGATGCCGCTAATGTCTGCGGGAAAGG  
TGTGCGACGGCCAGTCCTACGTGCCGCTTACCGAGATCAGCCGTTGCTGCTGC  
ACGTTGGAGTCGCCAAACGATTGACATACCTCGCAAGCTGCGCATCGTGGTTACC  
TGCCAGTGCCTCTGGCTCAAACACCAAGATGGAAGGCCGTGCCTGAAAGGACCTC

AAGATCGGTGAAACCACGATCCTCCATCCCAAAGTTCTGGCTGGACAACGTCACCTG  
CGCCAGTGGATCCAGGCCAGGGAACCGAAAAACTCCGCCGAAGGGCAGGCAGCT  
GCTCCAGGCACCACCCCAAGGCATAGGTGCCTGCCTCATCGCAGCCAGCCAGTC  
CGAAGCAGCTGACGGGTTCTGCCCTCGTATCACATCCAGAGCCTCCCTCGGGTGG  
AGCAACTTTGCTCTAACGTGTCGGCTGATGTTGCCAGAACCCCTGGTTTAAGG  
CCACCATTTCCTGCATTGATTGATTGCTCATTACAGCGCGAAAGGCACCAGGGGA  
AGGCGCTGGCCCTGACCGCTTGTGGCGTCCCTGATTGCAGCGCTATGCGCGGCCAC  
CACGTTCTCGGACACGTCCAAGCCGCCCTGCTGCTGCTACGAGGTGTTCGGCCGT  
GCACTGGTAAGGACGTGCTGAGCCGGAGCGTAAGCCCAGCTCGTTAGGCGAGGCAG  
GCCACATCGGGAGGTGCAATAGAAACAACAGCCGACTGGCGTGAAAGGCATG  
GATGCTAAGAAATTGAGGCGCTTGTGATCATAGAGGGC

>CONTIG\_84\_length\_5578\_cov\_7.127866

CCGCTGCCGAGCAATCGGTGAACGCCTCCAAGGGATCTACACGCTTCTCTGAAA  
TCTGGAAAGACAGTGGCTCTGGCGTTGGCGGATCGAGATTGCAGCGCATAGCGCG  
TCAGGGTTGATCGGGTCCGTACGGTCTCGCGGACTCGGGCAGCTGGCGCGGTG  
GAAGAGGTTTCAGATCAGCATCACGCGCCGGCTGGTACAACACGACTTGCCTGCC  
GCTTCATCGCAGAAAACAGCCCGGAAGTACCTATTCCGGCGCGAAAGCTGGAG  
CCGGGTCTGGTCGCCACGATGTGGACCGATGACACGTCCGTGGTGGATCAGGCTCG  
GCAACGCAATCGCTCGAACCGCGGATGACCGTTAACGAAAACGGCATGCCAGTTA  
CTACGCCTCCTATACCTGGCGCTCGATGTCAGCAACAAGGTGATCGGCATCGCCTC  
TTTCAACAATGGGTTATCGGCAAGATCACGTTCTCGCGGACGTGGTGGAAATCAT  
CGGCGCCACACCGGGTGGCGGTGCAACGAATTGTCGGCGGGAAAGTTCTACGCCT  
ACGCGCCAACGGCCGCGTGTGGTGGCGCTTGGCTACGGTGTACATGACCAACGT  
CCTGATCATCAACGACGCCGACACTGGCGTTGTTGCTGCAGATCACAGATCAGCC  
AGACTCGGATCTACTAACGCAGCACATGGGTGCGATCGCGATGCCAGCGGCAGCA  
ATGGATCGGTGCCGGTGCCAGTGACCGGCAGCGGAACAGCTACTACTGGTT  
GTGGCCGACAGCGGTGCCGGCAACAGCCTGCTCCGTACTTCAGTGACGACGGTAA  
CACCATCAGTTGGGTGTCGCCTTCAGCAACGTTGACGGCGCGCAGGTGGCACGCT  
GTTCTACGGGAGGTTCTGATGGCCTACGCAATCTTGAGGCCGGTCCAACCGCGTG  
GCGATTCCGAAACCTGGAAGAATCTAGCCTCGCGTCCAAGCAAACCATTACGCC  
ACAGGTGCGGGCGTTCTCAAGGCGTGGACCCCTACCATCGCAGGTACCAATCCGGT  
GCTGGCGTTCTGGCGAGAACAAATGCCACGCTCGCAGCTGACCGTACCCAGAGTGGGA  
ATAGCTTCACTTCACCGGCTTCAGCACAGCGGAGCTTCACCGCCTGTGTGTTCG  
ATGAGCCGAACCTCGGCCAGGGACTATTGGTGATACCAACCCGATACGGAC  
CAGGTGCACTTCAGCGACGCTCAAGTACATGAAAGTGCAGGGCTGCTGCAAGC  
CAATGCAAACCAAGGGCGGGTCAACATCATGCTGGCTATCGCGGCCCTGTTGGCGGCC  
TGGCCGGCTCCACCGGCAACATCATGCTGGCTATCGCGGCCCTGTTGGCGGCC  
CGCAATGGCAGGTGCAAGTGCTGTGGCGTAAAGGTGTGGTCAACATTAACGGCAAT  
GTCGCATCCATCTCCGCAATCGATAACGCCAGGATCTGCGCACAGGCACTAGCGGT

ACCCCGCAGCCACCCCCTGGCAACTACGGCCAGGCGTGGGTGCGCTCTCCCATCCTC  
GACGTTACAGGCTACTGACATGCTCATCAGCGAAAACCCCACCTCGGGACGCAGA  
CCAAGATCGTGTGCCCCGATCGAGATCCGATGGAACCCGGCCACCAACGACGGG  
CCAGTCGAGTTCCATATCGAGCAGATGACCACCAAGCCGACCCCGATGGCTGGAC  
ACAGACGCTGGAGCGCTTCTCCTGCGCGTCTAACGGTGCCGATCAGCGACCTGAT  
CGGCCGAGCTACGAGATCACCGCGCCCTGACGACCGAGGCTGACCCAGCCACCG  
GCGCGGTGAGGGTGCCGGCGAGACGGTCACCGAGCCTGGCGTGCATCTGCTG  
CTGGGCATCAAGGCGGCTACGCGCGCCCTACGATGCGAACGTGGTGACGCCGA  
TCCAGATGCGGACCCGATCGCGCAGCAAATCACCATCATCTGGAACCCGATCAACG  
ACACAGGCAATGTGACCTTCAGGTCGAGGATCGAGGCGTACCCCTGGGGGTGTTG  
GCTGAGTCGATCGCGATCTGATTGCGCCGACCTACGCCATCCGCTATCCGGAGCG  
GAAGCGACGCAGGAGCTGGAGGGATGAAACTCCAGGCGCTGATCAAGGCGGCAA  
CGGACAGTGCATGCCGCCAGTCTGGCGAAAGCCGAGCAGGCGGCCGCTGACTA  
GCTGCGACGCTGTCTCAGCGACCGACGGCGCAATCTCGCGCACGCCGGTGCCTG  
TGGAAATTGATGGACCACGGCGTGCCAAGTGGACGGGCCACCGCTTGATCCA  
TTCGATAAGATGCCCTGGGCCCCGCAACTCACGGAGACGGCCATGGAGTGGATCAAGA  
TTGAATCCAATTCTGAGATGCCTGCTGAGGGAGAGACCGTCTCACGTTGGATGGCT  
ACCGTCATTGGAGCGAGGCAGTACACAGATGCGCGCCTCTATTGGGACGAGATG  
CACGAGATTGAGGGCGTCACCCACTGGATGAGGGCGAACTCCTGCCTGAGTGC  
GTCAGGCAATTCTGACGCAACGCGTGGTATTGCGATGGTAAGAATGCTAGCG  
CCGGGCAATCTTACCTGCCGGCCGCGGTGCCAAGATGGCGCTCACCCCGAGGC  
GCCTGAGCAGCGTCTAGCCGGCTATCAGCGCTTAACCTCATTGCTGACCAAAAAG  
ACGGGGCCGGCCATGCCGGCCCCGTCGCCATTGGCTACTTCCGACGCCGGCGGC  
GACGGAGGTGACCGTGACGTTCTCCAGCCGGCAAAGCGCCAGCGGGTAGGAA  
CGTACGCGAACAGCCTCTGAATAACCATGGTGGTCTCCTGCGGTGTTCACCGGAG  
AAGGAGGTTGGCCAAGATGTCGCGCGCCTCCGAGAATCACATCAACTCTGTTG  
ACAGAACTCTGGTGACCGTGACGATAAGCCGGTCATTCCGCCAAGGTAACGAC  
CAGACTCATCTGAGGCTCGGCATTAGATCTCCGTAATCTGATGCCCGGCTTCAC  
GATCGGTGCTGCGTCTGCAAACGCTCAACTGATCGAGTCTGTTTTAAGTTCGATA  
TTAATTGCTACAAATTGACTCGCGCCGGTCTTATGTGGTATGCCCTGCGCCATGA  
ACCCAAAGATAGTGGGTGTGCGCGAGGGGTCAATAACTAAATGTGGAAAAGTCCGC  
AAACCCCTGAGGCATATAGGCCGTCTGACGAACGGTGGCCGCTGTCACCGAAC  
CCATCGATTGACTGCGCTGTCAAGGCCAATCGGGCACTTCTGAGCCTGTGAG  
CTGCCAACCGGGTAGCCTCAGATAAGCCGCGATGCGTTGGTTGATCATG  
CCAAGCACATGTAGCCAGTGCCTACAAGTCGACTACCTCAGTTGCTGCGCTGGA  
TATCTCGCAAGCAGGTAGCCTCGAACGTTGACGGTCTGCCACGGTCAGTGGCG  
CCCTGAGCTCCGTCTGAAGCTGCGCCGCTGGTCACGATCGGACGATCAT  
CAACATCAAGCCCAGCACGTCAGCCTGGCTCAATCCGGATCCGCGAACCTGG  
ATGCGCTGTACCGATCTCGACGACAAGCCGCAACCCTATGAGCACCAGGCTAG  
CAGCGTACCAGCAGCAGCCATAACCAGGATAGATGCCATCACGATCTGC

ACATCGCGCCGCGCTTCAGCGATCTAAGGAACCGGGCGTCATTGCTCCCGAACGGTGT  
GACGCTACCGGTTCTCCCTCGCGGTATGAACACTGGAACAACCCTGTCATCGCGAGAA  
AGTCGACCGGGAACAAATGGGACGTGCTCGTGCGGTGAGGGGATTCAAGACGTCC  
TGGCAAGGGTTCGGCGTAATGGGGCGAGTGAGGCCGACGTGTCGCTGAGGATCGCG  
GGAAGCCCGGTGATAACGCCGGCGTAACGCTGCCTATCGCTCAGGCTTCGCGGTG  
GCGGCTGAGTACCGCGAAGTTGTCAAATAATCAGCTGATGTAGCTGAGATGCTG  
CAGCCACTCTGATCCCACGGGGAGTGCAGGATCGCGCTGCGTTGACGCTGTC  
TCCTAAGACTTCGACCGATGCAGCGACTCCGGAAGCAGATTGTAGCGCTTGAGT  
GACTTCCAGTCGCGATGGCCGGTGACAATCGCAACTCCGGAATGCTGTAGCCGCTC  
TCGAAGAGCCTTGACGCCCTCATGTCTGAGGTGCGTGGAAATGCAAGTCTTGGATT  
TGCAGGCGTACACACGCCCGAAAGGCAGCGCCGACGCTGTCGGTCTTATAGGG  
GAAGATCACCGGCCCCCTACGCTCCTGGCGTTGATGATGTCACCGTGCGCCAA  
TAGCGGCACCCGCTGGTTGTTCCCGCTTCTCTGCGGGCCTTGCCTGCGATCGAAC  
AGGATCGTTGGCTTGTGCCCGGGCTAGTCTCCAAACGCAAGGCCATGATCTCG  
CCCATGCGCATGCCAGTCGATCGCAAGGAAATCAGGTGCGCATCGGGATGGC  
ACCCAGGTTGAACCGAAAGAACGCCAGTCGCTCCACTGGTTGGCGATGGCGCCGG  
TCGGTTGCGCTCCACTGGTTGGCGATGGCGCCGGCGCAATACCGGCCGC  
GGCCGCCACCACGTCGGGATTGCCATGTTCAAAGCGACCGGCCGCCAAC  
CCTCGCCTAGAAAACGAGCTCCATTGTATGGTAGCCGGCAGCTTGCCTGGC  
CGATATGGGTCAATAAGCCTGGCCGTGAGCGTGGTACCTCCGCTGCCAAC  
ATTCTTCCCACGTTGAGGTTGCCCGCTTGTGCGGGACATCGGACGAAACTGCT  
CATTCCCTGGCGTACCGGTGATCAGCGCCGATAGCGTCATGCTTCTGCGGTGG  
CATGGTTCCGCCCGGATCGCGTCTCTGTCAGCCGCCAGTCCTCTGCGGCC  
CTACCGTTAAAAGTCTCGAGGCGGTAGGATGCCCTTATGCGCACGAGCGCG  
CACTTCTCCCCGTTCTCAATCAGTGCCACCTGGTGCAACCCCTTGCTGGTGC  
AGTGCGGGTACATTACACCGGGATTGAGCGTAAAAACAGGGACTAGCGGGAGT  
AAACTGCACCGCTAGTGCACCAAGGATTGCGTAACATGTTGAATAAAAGGAAATT  
TGCTTTCCGTTGCACCCATGATGGACTGGACCGACCGCCATTGCCGGTCTTCC  
CGCCTGCTGGGCCCTCCGCGCGCTGTATACCGAGATGGTGCACGCCAAC  
GATCCACGGCGATCGCACGCCGCTGATGGCTTCGATCCGGTCGAGCATCC  
GCTGCAACTGGCGGGCAGTGAACCGGCCCTGCTCGCGCAGGCTGCAGCG  
AGGAGTGGGCTACGACGAGATCAACCTCAATTG

>CONTIG\_85\_length\_5557\_cov\_298.928361

GCTGGCCACTACAACCAACAGATACCGCACGACAGCCTGGCGGGCTAACACCCG  
CCGAGTTCCGTGAGCAACATCAACCGCAGACCTCTAGTTAGCTGGATTGAATTG  
CGGGGAGTCGACACTCGCACGCCAGGACGCTTGCAACTGTTAGGTTGAAAACCG  
TCTAGCCGCTTCTCGTGCCTGACTGCTGAAGGAGGAACAGTGCACATTGACTTAT  
TGAAGTAGCAAACCTTCGGAAACTACTTGCCACAAGGATAGATATTGCGAAGGAAT  
CAACGGCTTGTGCGCCAATAATAGCGGAAGACATCAGCGATGGTTGCCTAC

GACGCTTCCTCTGGATCAGCGTGA CTTCAACC ATCAATGACTTCAC TTGAGCCACTG  
GCCTGT CATCAATGAGCTCGGGAGTAATTGGGAAGCAGAGTCTGAAGACGGTGAAC  
CCATAGACTTCGACTGGGGCTCAATATCACCATCATTGGATGTTGGTGCAGGTT  
CTGACAATCAGTTGCATTACGTTCAAAAGATTCTCCAACACTGACTGGATGGCA  
GTGCTATCGCGTGCAGCTCCGTTACGAGCCGAAAAGCCCCGACGACTTCAAGCGT  
GAGTATCTAAATGCGAGATTGGCGACGAAAAAAGTAATGGCAGCAGCCTGGACCC  
GGACGAGAGCAGTGAAGACCCCTCTCTATGCCAAGTCGATGATTGAGTTCT  
GTCACGACGGCTCCGGTGGTGTGAGGTCAAGGCCTATCTACTGGATCCAGCAAT  
GCTGGATGACCCAGAAGATGGATTGCAAGGCCTATCCTCAGGCCTACCGACTGATAGCG  
AACCGCTCGAAGGCGACCCCTCAAGGGCCTGATACGCATTGACGAGATCAGCGCT  
CAGCGTGGACTTGGATTGGCTCGTCCAGTAATGCAGACCAAGAAGACGAGACCGT  
GCAGCTGGGAAGAAGCTATCCAGTCAGCTCGCAAGTACTACTCGCAACACCTCG  
ACCCTTTGACCAACCAGAAGCGAAGGATCTCCAAGCGCTGCAAGCGCTACATCAA  
GCAAGAGTTGCATTGGCAAGCAACTTCAGATTGAATCAGCGCTCAAAGAG  
CTGGAAACCGTTGGCTACCCAGGTTGACAGATCCAAGCTCAAGCTCGGGCTGAT  
CTTCGCCCTTGACGCCCTCAACC ATGGTCCGGCTACTACGAGGTCCGACA  
CACCTCGCGAAGTTGGTTCCAATCGCTTGGCGAACAGACTCAAACGGACTTGG  
TATCAAAATCTGGTCTCAATGGTTTGCGTTGATGAGCTTCGCGACAAATGGATG  
CGCGTTGGAAAGCCTCGAAAAAAACATGGCAGACGATGACAATATTCCGCCGCT  
GCACTTAGTATTGGTGGAAAGAGCCGGAGGCACATCTCCATGCTCAAGTACAACAGG  
TCTTATCGCACATGCC TACGCGGTGCTTAGAAAGCATGAAAGCCTAGGCAGCTTAG  
CCGGCTATCACACCCAGATGGTTGTTAGCACCCACTCAAGCCATCTGCCACGAAG  
CTGAATTCACGTCCCTCCGCTACTCCGGTATGCCGGTCAAAGCTATAAAAGGCT  
CTGTCCCCATCTCCAGGTTGTCAACCTTCAAGGATATTGGCACCCAGGACGACA  
CTACTCGCTTCGTGAAGCGCTATTAAAAGCAACCCACTGCGACCTTTCTTGCTGA  
TGGTGCATCCTGTCGAGGGGCCTGCTGAGAGGATAGTCGTCGGCACATGGTGC  
CTGCCGTGCGCCCTACCGGTATCTCAGGCATTGTTACATCACCTGGCTAGAAATCGG  
GGCAGCCACGCGCATCGCTACGTCCCTCTAACCAAACCTGGCTCAATACGCT  
AATCATCACAGACTTAGACGCAAAGGCTGATGATGGAACCAAAGCCGTTCCGGCTC  
GATCATCAGGACAGTCTCACGGAATCAGACGATAAAACGTGGCTCCTCAGGAA  
GAGTCCATTGATCTCTACTAGACATGCCAGAGACATCCCTACTGAGATGCATGAC  
AGTGGGTTGGCTCCGAGTCGCTACCAGCAGCCGGTCAAGATGACTTGGCGCA  
ACCAAAATGCAGAGGCCATTGCTAATACGTTGAGGACGCGCTGGTATACCAAAA  
CATCGACTTCTCAAGTCCTGCAGGGTGGAGGTTGGCTAAGCAAATCAGGAGTC  
AATTGCTGATTGAAAGACGTCACCGAGCTCTAGCAGCATCCAGAAGGCTCTGAA  
AAATGGCGACAAGGCAGAGTTCTCAATGACCTATTAGAGAGCAGCGATCTGGACG  
AAGTGGCTCTCCAGACTATATCGACAAGGGCCTCTATGGCTGATTGCTCAGCTCA  
AGCGTAAAGAAGATGATGTTGCTGGCAAATTGCCACTTACACCAACCTCCAGACG  
ATGCGGCACCGGCAACAAGTGAGGTGAAGCAATGAGGCAGGCTCAACACTCTGACA  
ACAACGATATTGATCAGCCGGCCGACATCCTGATTGCTCAATGTCTCGATCCAACCA

ACCCAAAAAGCTCTCCTTTCGCTGGTGTGGGCCGGAAACTCGCTCGCTG  
TGGCTGCATTGGAGCACGTCCAAGTCAACTGGGTGAGCAGCTGCGCCGCCAAGGC  
AAGCGAGTTGGGTTATCACCTCACCAATGCAGCATCCGATGAGATCAAGCGAAG  
GATTCAATTGATTCCCTTTCGACGTGCGACAATCCATAGCTTGCTGGTATTG  
ATCGAAGGGCTTAACCAAGACATACGACATTGGCTAACAGAGAAAAATCGCTGATGA  
CCTTGTGACCTACGTAAAAAGAACGCAAGGCCGCGCTGGAAAGGCCTCAGATG  
ATCGCAAGTTAACGAAATCGCAGCAAACACCAAAAGGCTAGAACATCCCTCCCCGGGATA  
AAGCGCTTATCTACAGCCCAGTGAACCAATCGAACACGCGATGCACTGAACCA  
TGCGAAGTAATCCGATTGCTGCTACTTGCAGTCCAAGCCGCGATGCAAAG  
CATTGGCTGGCGCTACCCATTCTCTGTGATGAGAGCCAAGACACGAATAA  
GCATCTGGTGACGCACTGTTGAAGTGGAAAGCGCAGCAGACAGGTTATTCTCGCT  
GGGCTTAATTGGTGACACGATGCAGCAGATTATGCTGATGGAAAGAGGGCTTGG  
GAACCGACCTGCCCCCAGTGGCCACGCCGGCAAGCACATGAACCATCGCTGC  
CCGAAGCGCGTTGTAAGTCTGTAACAAAGTCGAGGTTCTGTTGACACTCATCAG  
CAGCGAGCCAGAACAGATGCTAGCGAAGGAGTTAGACTCTCGTAGTTCCCTCC  
GCCGTCCAAGACAAGCCAGGGTAGAGGAACGAATTGCGGACTGATGGCTAATT  
GACAGAAGATGCGAACTGGCGGACCCGAGGCGTAAAACGCTGACTTTGAGC  
ACAGGATGGCAGCCCTAGGCTGGATGCTTGAAGTGGTCTCGCGCTGTATGAA  
ATTGACTCAACGAGCCTGCTAAATGGCACCCAGCCTTGGCACGTTTACGGAC  
CAAGTCTGCCACTGGTCAATGCGCACCGAGCGCAAAGATAGATTGCCGTATGCC  
CTACTGAAGTCGTTTACCTCTGTTGACGGCGAGAAGCTAAAGGCTCTCGTGG  
CAGTCGAACCTAGAAATGCGCAGTCGGCAGTGGACGAGCTGCTGGTCTTGGCG  
GATGGTCAAGACCCCTCGCTCAACAAAGTTCTCGTGTGTTCCGATGCCACTG  
TCGAAATTCTGAGCGTCTTGGCTGGGTCTCCCTCTGATGGCGTTCTCCCGT  
CCAAAAGCCTCCGGGCAAGAAGAGGAAAGCATCGACAGTGAACGTCAGAACGC  
ATTGGAGAGTTACTGCCACTCCATTTCGCAAGTGGTCTGGCTGAGTATCTT  
CTCGAAAAGCGCGCTTGACACACACCAAGGGTAGAAAGGATTGGAGTTGAACGC  
GTCATGGTATGGATGACCATGACGCGGGGCTTCATGTTCAAATATGAAGAT  
CTCTCGGGGAAAGACAGAACAGGAAACTCTAGAACGAAACCAGGCGGTTTTA  
CGTAACAGCTAGCCGCGACGGAAAGCCTGGCGCTCGTGCCTACGGAAGACG  
TTATGCGCGTCAGGAAGTCATGCTGGACAACGACTGGTCTCGATGAAGAGGTG  
ATCACGGCTATTCAATAGCTGGGATCTGAAGTAGCTGCTAAATCTGTAGAG  
CCGTTACTACTGACTCAATGAACCGGCCAACAGCAGTGGCCAGATGAAAGTCCG  
CGCTGAGTAATCTCAGCCACTAGCTTTCAGAGCTGCTGAAATCTTCATGAGCT  
TGACTAGTTCTCCCTGCTCTCGGGAGGGAGTTGCGCCATTACCAAAATGGCCTCAG  
CCATCGTGTGCTGACAGCGTGGAAATAGGCCACGGCAGCTCCAACGCCTCCGCC  
AGCTTGCATGCTTCGTTGTCAGGCATGCGGCTCCCGCTCGTAGCGCAAATC  
CTGGGAGCTGCCAGTTCTGTCAGGCCAGACAGCCCCTAAGGGGGCTTGG  
TTCATGCCCTCGCGCAAGCCTGGCCTCTGAAGACGACGGCCAAAGGTGGATGCC  
AGGCAGCGGAGCAGGCATGAAGACCAACGAAGGATGAATTGACCCCCAAGTCTGCC

GCTTCCAATCCTGCGCTGCATTGCCATATTGCAAATACGCCAACGGGCGGTATT  
GCAGGGGTTGCGATGAATCACACAGGACAAGGAGCGTCACCGCGCTTGGCGT  
TGACGCTCGTCTGCCATTCAACCACCCACGCCAGGATGTCCTGCGCAGAACGCCG  
GCTTCTTCCGCCAACTCGAAAGAGCCTGGCAGACTCGGGCAAGCATATGGCGC  
ATCAAGCCGAACGGCGGCAGCAAGGCCGGCAGTCAGGGAACAGGCTGATTACAC  
GCCCGTTAGCGCGCTGGAAAGCTGCCGGACTCTCAAGGGCGACAATACCAAG  
CGGCGCAGGGCGGGAAAGCTGGAGTGGCCCCGGTGGCGCTCACGTTACCGAATGG  
GGAGCCTCGTTGCCATGCTGGACAGTGAGGCCGCATCTGACTAGCCCACCGC  
CTCGAGTGTGAGACCTCCGACCTGCTCGATGCCCGTGACGGAAACGGACG  
ACCTGGCGAGACGGCGAGCTCAACAGCGCAGCGCTGTGGAAAGGCCGACTCG  
CTCAACGGCATCCGGTGCCGCCAACAGTCAAATACGGCGCTCAGCGCTCCAC  
GGGGCCTAATCCCCAGTGCAGCCCTCGTGGTCAACGTCAGCCGCCCTCGCGTC  
TGATCGCGCCGT

>CONTIG\_86\_length\_5544\_cov\_79.209341

TGCCAAGACGTCGAAGATGTCCGGCTGCGCCTTCTCGGATCTCGGATCTCGA  
GAAAATCTTAACGCTGTGGTCAAGCAACAACGCGCCTGATTGGCGAGAGAGTG  
GGATCGGATCACCTCCGACCTAACGCCCTCTCACCGTTGCAGAAAGCCTGCGTGGCA  
GGTTTCCTTCAATGTTCTCGATCATAGCCTCACATCGGACCGATTGCTAGCGCT  
CGCTTGCTGTTGCAGTAGATCGACGCTAACGCTGACTGCCCTGCGTAAACTGACGTAG  
CCATATCACTACCGAGTCAAGGATGAGCCCCCCATCTTCCAGTTCCATCGATCA  
GCTCGAGGAGCTGTTCAACCTCCCAGGATGCCCGAGGTCTCCTGGCCATAGC  
TACCGAACTGGGATTAGAAGAACGGCCAGCCAAGGAGCTTGAGATCGAGGTCA  
TGCAGACCTGGCTCGTTGAGCCGGTAGCTGGCAAGAACGTCCTGCGCCACCAT  
CGCAGGCTGAAGTTGCCACTGGAGACCGGGAGCGGCCCTGGTCTCCACCTGACTTGT  
CACACCTCCAAAAACTCATGCCAATGCCCTAATGATGTGCTCGCTGCATGGCTG  
CGTTGGAAGTGCTGTCACCGCAAACGTATGACGCCCTAGCGACCTGGCGAAGGGG  
GACCGGCCATCGTTCCATCAGCAATGCCCTAATGATGTGCTCGCTGCATGGCTG  
AGCTCACGACCCAAGCAAAATCTATTCCATATGTTGGCGACCATTCTGCC  
GCGCCGCTTGCTGCATTGATCGACCGCTCAAAGACTCCGCTTGAACGCCCG  
AGCGTTAAAGGTGACATTGTTCTGCCTCGTTGCTGTGGACAAGGAAGGAATACTT  
GCTGGAGAGACACCGCTCGCTGTCGCCGTTGGATGGGCTGCTGCGCCCTG  
GGAGGATCGCTCAAGGACCTGGCTGCCGGACCAACAAGAACCGCGGCTGATCGA  
AGGCCTACCAAGCAGTTGGCGTTCATCAACAGAGACTCCAGTTCCACTGACGTG  
GGAAGCGCTCCAACCGCCCTCCTGCCGGTAGACACCCCTGGGTTATCCGGACA  
CCAAGTTAGCGGTCCGACATTGCACTCGCTCATTACCTCCACTACACGTTGCGGAT  
TGTTCCAGATCCTCTTCTCAATAGCTTTACCTGCGCGACTTGGCCAAGGCACGA  
GAGATGCCAACAGGGGAACCTCCAAAGGCCTGTGTCTATCTTGGCAGCCA  
GAAGCCAGCAGCACGACGGGACTTGTGAGAGACGATGCCGCCCTGGAAAGCTCCT  
TGGCTCCAGCGGGTGTACCGCTGGTCGATGGCCCACCCCGCATCGCATACCCCTG

CCCTGTTGCAGCAGGCTGCCGTCAACTCGGCCGGCGCTGTCGGGTGGCTCCGGGA  
TTTGGGTGTCAATGGCCCACCTGGACGGGAAGAGCACCCACTACGGGACATC  
GTGGCGGATCTGCTGACTCGCCGGGCACAGCTATGTGTCGTTCACCGACCCAACC  
CAAGCTTTAAAGTGAGTTGGACGAAGAGAGCAAAGGGAGACCCAGGAGCTTC  
CGCGCTGGATGACAGCTTGCCTGGATTGAGATGATCGTGCAGCTGAACAACA  
AGGCCGTCGAGAACGTCAGTGCAGAAATGCCATCGCTGCAAGCGATCCCCGGCGAT  
TCCCTCTGCGCTATTGCGCCATTGGCGTCTGATCTACTGGACCGGGACGCATGG  
GGGTTGATGACAGCAGTCCTCGGCAATGCATCCAATCGTCCGTATTCCGAAAGAAA  
TTTGGGGAGACTCGCCACGCTCCCTGAACGCTACCTCAAACAGGTAGCGGCATC  
GCACCGCGTGAAGACGGGTCTCCGAGGGCCTGGCGAACTTGCAGTGCAGCGCCATC  
TACTCCAAAGGAGGCCAAGACCGCTGGGAGCATGCTCGAAAGCGTTCAAGCAAC  
TCTCCAGTGCCTGCTCCACGCGGTTGTCTCAGCTGGAAAGCTTGCAGCGCCCTTGA  
TCCAATGCCAAGCTGCCAGGAAAGACGAGAAGGAAAACGCCAACAACATCTGGA  
GGCATCCAGTCATGCAAACCAGGCACAGTCGCTGCTGCTGCCCTGGTTGAGATAC  
ACAGACCGCAACTTGGCGTACAGCTGTGAGACGGCGCTGCCGATCATGCGC  
AAAAGCGACCTAGTTTCAGTCTAAGCGTCTTTGGTGCCTGGCGCTGCCAAAT  
CTTGGGAGGTACGCATGGGCCTCTCAAACATCAGGCTGACATGCAAAGACGGCG  
AAGGGCGTCGCTGTAGAAGCCAATCCAAGGCAGATGGTTGGCGCGGGCAGCTGG  
GCAGCAAGCATTGATTGCTTACAGGAACCTCGAAAAGGCCGTAAGAAACGCGAAG  
CGACGGAGCAGCAGTGCCACAGGAGGTGCAGATCGCGCTGGAGCTCACGTGCTGGAC  
GATCATTCCCTTCACTGCCACACGAGCAGAACGCAGCTGGCGTGCCCTGGCTGGAC  
AGTGAGCTACAGAACGCTCGAATGGAGGTCTCGAAGCAGCCATGGAAGTGCATCG  
GGCCTTCATCGACGCAGCAAAGCCCTCTCCATAACATCAACGCCCTGGTCGG  
AGGAAACTCAACATTCCACCAAGACCGACAGCAGCTTGAGCGGACATCTATGGAGCA  
GCTTGTCTGGCGCTGCCGGTCAATTCAACAAACGTTGCTCCGTCAGCGAATGTT  
GGGACGTCTCCCCAGGAAACCTTGGCTGGCTGCTGGTGGATGAAGCAGGGCAAG  
CGACGCCAAGCAGTCGAGGCCAGTTGCTCCGTCAGTGCAGCGACTGGTCGTC  
GGCGATCCGCAGCAAGTCGAGCCAGTTGCTCCGTCAGTGCAGCGACTGCCGCC  
GTCCTTCGCGAGTCGATGCTGACCCAGACAAATTGGCGCCCCGAATGCGTCGGTC  
CAAACCTTGGCCACGAGGCTGGCGACTATTGCGCCACGTTGATACGGCCGGCGG  
ATTCCGAACGGTGGATCCCCCTCCTCGTCCACCGTCGCTGCTCGCCGATGTT  
GACATTCCAACACGATTGCTTATGGCGGGCTGATGGTCCAGGCAAAGCCTCCAAAG  
GGATCAAACATTGAGATGTCTGGCGCCTCCATTGGATAGATGTGATTGGAAGT  
GCGCGGGACAAGTCTCGCCTGATGAGGGTCAGCAGCTCTGCTACTGCTTAAGACG  
TTGCGAAACAACCGGATTCTCCCTGACCTCTACGTCGTCACGCCCTTGTGCGCCGTT  
AAGATGGCCTCGAGAGATGGTGAAGCAGGACGGCGTCTGCAAGGCTGGTGGAC  
AATGCCTCCAAGTGGCCATCAGAGCGGATTGGCACCGTCACCGTCAAGGCAG  
AGAGGCCGGAGGTGTCATCATCGTTCTGGGGGCCGGATCCTGGCAAAGGAG  
CCCGGCAATGGGCCGGTTCGACGCCAATCTGCTCAACGTCGAGTCACCCGAGCC  
AAGGAAGCCGTTACGTGATTGGAATCGCTACTATGGTCTGGCGCCGGAAATTG

AGTGC GTTAGATCTAAAACCTTGCTGAGCGAAGCGCTTGAGGCTTGGTCTCGTGG  
CGTTGGTCCCCGCTCCACGCGCCGATGAGCAAACCAGTATGGACGCACGGATT  
TTTTTAAGGGGAACGCGAAAGATGAGCAACCCACTACTTCCGCATGAAGCTCGC  
TGGCTGTATTAGTCGACTGCGACAATGTGCCAACGACATCGTGGAGCACGCGTTGC  
TCATGGTGGCCCAGTCGGTCGGTGTGCTGCCGGCTGGCTACGGTAACCACAACA  
CCCTCGCCAATAAATGGCAGGAGGTCTGGTCCGCCAACGATTACCCCGTGCCTTC  
AATACCAATACGCCCTCCGGCAAGAACACGGCTGACATGCCCTGGCGCTAGATGCC  
TTGGAAGCACTTTCGATAGCCGGGCCACACGTTCTGCCCTGGTGACCAGCGACTCG  
GACTTCTCCTACCTCTGCCGCAAGCTCCGGAGCGCGGCCCTACGGTCTTCATCGT  
GGCGAGGCCAAGACCCCCGGACGCCCTGCGCAATGCCCTGGGACCAAGTTCTCGAATG  
GGACCGGACGGCCAAGGAGGTGGCGGACCCGAAGTCCAGGGCAATGGACTTCCTG  
TCCTGAAATCGGAGGCAACGAAAGAGGAAGCGCCCCCGCTAGAACGCCAAGCCACT  
ACCCAAGCGCCGCCCGCGTTCTGGTAGAACGCGTGAACGCCCTGCTGACGGGTGACA  
CCTCGAGGGCAAGGTAGGACTGTCGGCGCTGGCCAATACCTCAAACGAACCGAT  
CCATCCTCTCACCCAAATGTCCACGCCACTCCGGCTTGCTCAACATGGTAAGACC  
TACGACCTGCTGACAACGCAGCGGGAGGAGACGGGCGATTGGTCGGTTAGCATCGC  
GCACAAGCCAGAGCCC GCCGATACGGCGTAACGCCCTAGCGGACCTCGTGCCTCC  
ACAAACGAAAAATCGGGGACACCAACCCAGTTGGAAACGCCCCATTATTCAAATG  
GCATACCTGCAATCGAATTCTCGGTATTCAAATTGTGAAGCAGGGCTCTAACG  
GAGCTCTGCGTAAGAGCAACTAGCTGCTGGATGAGTGCTTACCCAAACACAGGAG  
CACCCATGCACCACCAACGCAAATCCAAGTCGCTAGCCGCCTCCGGCACCTCC  
TTCAGCAGCGACCACGCGCCTCCCCCTAACGAAGTAGAGGACATCCAATACGCG  
CTCGACTGGCTGCCGAGTTGCTGAGGCTCGGCCAGGACCGGCCAGTCAAAC  
CCAGGCGTCAGCCATGGCACCTCTCAACCCATCCTCGTCAAACCGAGCGGCCGTGGA  
TCGCAGCGTCGTGCCGACCATGCCCGCTCAATCGAGGAGTGGCGAGAGGCCCGCA  
AGAAGAAGAACAAAGACAGCGTCCCCGCCCTAAAGAGGCCATTGGGATTGAACGC  
ATAGACCTGCGTCCTCGCCCTCGCGCCTGCCGCTAGGGACAAGGAAGAACCCCC  
GCATCTCGGGGCTTCGATCCATCAGGGCCGCCGCCGTGTTGGTGC GGC  
ACTGGCATCGCGCTAGCGCTGGCATCGGGGAGAGCGTGGGACTGCTGGG CAGC  
GTTGATCGCGCAACAGAGCGAGGAACGGAATCGAACTCTGGACTGGCAAGCATCG  
CTCGCTCCACTGCTCCACCTGAGCGGCCGGCCTCGATTCAATTCTCGTCGCGTT  
CCACCGCTGCTGGAGACCGCTGCCGGCTCGCCAGTCGGCTTCGCTTTTC  
CAGCACGGCCAACCGCCTCGCTCGCTTCCATTCTTGAGAGGACCACTCGC

>CONTIG\_87\_length\_5340\_cov\_304.660848

ACTCAAGATAGTATATCTAGTATAAATACCATTGAAATGCTGGCGCTGAGCAATCAA  
ACAAGTCGACATGCAAACACTGCGCATCTCTCAATGTCTTCAAACCCACTCACTCGG  
AAGCTGAAC TGCTGATTAACATAGAGGGCTTGACTCAGGCTGCCATAGCACATCC  
GTACTATTGAACCCAGCAAATCAGGTGGCTATTCTTCGAATCATCTCACGACTGG  
CGCATCTGGACC ATAGCGATA ACCACGCTGCAAATATAGAATTACAAGAATCGTGA

TCAAGAAACTGATCATCAGCCAGTCTCGATTTCAGCCATTAGATGAAAATG  
AGGAAAAAAGTTTCCCTCGGCAAGAGTCATCTTCAGGTAACTCATAACAGTCAG  
CAAGTCTCGTTCGTGGCGCCATGGTCACACCGCATAAAGTGAGCAATAGTGCAT  
AATTCAACCAGTTGGGAATTGCCTAGGAGGAAGGCCTCAAAGGATTCGACCTCG  
CTCTCCTGAAGCCAGCAGCAGCAACAACGTTCGCTTGGCGAGTGCAGGCTGGGG  
TGTGTATACGACAATGCCAGGCTCTTCAGCCCACATGTCACGTAAAGCAG  
CCTACGAGTACGTGCTAGTGCCTGCCGTACGCTCGTTGTCCCGTCAGTC  
TTTGTGGTTCTTACACCCAGCAATTGTCGTAGCTGAATAAGAACGCCCTGCCT  
CCTCATCGTTGATGACGACCATGACTCGTGGAAACTCCAGCCCCTTACCCCTGAT  
GTGTACCGTAGGGTGAAGGCCATCCGCATAACTCGCAAAGGCTGCAAGCTCCGAA  
AATGGACGCTCAAGGAATAGCTGGTAGGCGTAGTTGGTCATCGCGTTCGTATCTTC  
GGATCTGGAGCCTCACTAGGGGCTCCAGCACCATAGCCCCAACAGATTATCAGG  
CACATCAAGCAGTTGGTTGCAACAGAACAGCGTGCACCTCGCTCAGTGTGGATC  
GTTTTTTCGAAAAGAGAGAGCAGGGCATGCGTCGCTCTACACGTTGCATGTG  
GGCGATTGATCCCTGTTGATTGCATTGCATCCTGCTGAGCAACGGAGAGCGAGA  
GCGTACGGCTCAAGCACAAGGAAGTGATCGTCCTTGCCTGAAGAACGGTAGCCCATT  
CGCCTCGCTGAAAACGCGAAGTGCAGGGCAATGTTCCATCCAGCAAGCCTGTTGAA  
GGTGCTCAACCCGTATAAGGGCGTGAACAGCTTCAACCCATCCGCCGTCCAG  
CCATCTTATGTCGAGGATCAAGGTTTCGGCCCGAGAACCGGTAGCCCATT  
CGTCGTCAAGTGCAGCCATCGACTGAGCGATGCCTCCTCAAGATTGGTGCT  
GTTCTGGCTTGACTAATGCAGTACATGCGCACCACACCTCAATGGCATGGGCT  
TGGGGTCTGCTGATGAGTGTCTGCAGTGCTTCGAATCAGTTGATAAGGTCTACAA  
CCCTACGAGGACAGCGCGATTAACGACCTTCAGGTTCAACCAGTCATCCGTA  
TCGCTTGTCAGGCCTACTCCATGCCGTTAAATCTGTCATGGTGTGCGCCA  
GTAGCCCCAAGCAGAACAGCGAGTCTCGCCAATTGCTGGACCTTCAGAAAAGCCTCC  
ATTACTGGAGCGTGGGTGTCCTGACTTCGTCGATCAATACGACTGGTAGCGGTCT  
ACTAGAACATCCAGCAAAGGGCGTCAGGAACGAATGCTGCAGTTAAGTGATGAT  
CTTATCGTATTGAGTGCTGCCGCTCTGTTGCGCCAATGGGGCTGTAGATAAA  
CTTCGTAATCTCGTCGAGATTCTCAAGTCTCGCTCTGCTTGTAGCTCCGTCTG  
TTGCTCGAGATGTTATTGTCGCCCTCGAACGTGCTAGCTGCCCTCGATCTCT  
CAATGTCCTGGGAAGTTGATCCTAGCCATTCTCTGATCTCATTGTCGAATCCTG  
GATTAGGGGCCAGGCGAACCGGTGAATGGTGAGACTCCACGAGTGGATCAAAC  
CTAGCCTCCGAAGAACATCTCATCACAGGCTGAGTTGTAGGTGATCACCAGCAATGC  
GTCTGCCCTCGAACATGTCAGGCGTTCTCGCTCGCACCTGCGTATAGAAAAAAACT  
GACGAGTGAGTGGGTTTCCTGAGCCAGCACCTCGTATAGAAAAAAACT  
GTCTGCCAGATTCAAGGCAAGCCTGCATAGTGTGCGGCATCTGCGATAACT  
GCTCATGGCGTACCTCCGCGACTCGGGTGGATTACCAAGCAGCTCTATTGCTG  
CTTCGCAATTGACTCAAGCCAGTTGAGGCCTCACTGATGTATTGAGGGATTCA  
AGGTTGGGAAGTTCTGTCGCCAAACGAGCAACACAAACTCTGCTTCTTC  
TCGCGTAATTGTTGAAAAAACCTCTCCGACGGCTCCGATGTTGCGCTTCATTCA

AAACTTTACGAAGGCCTCATCATAACCAGTGCCGTTGTTTCCGCAAAGTGACC  
GGCGTTGCTAACGACAAAGCTGCTTCAAAGGTATTGGTAGGGTTGTATTGCTT  
ACCAGTAGCGGGCAGGTGGTGGAAATAGGAGTTGATAGGCATGCGCACCGAGT  
ACAGGTCGTCGATCTGGTCTTTGATTGCTGGCAGCTCAAGCAGCTCATCCA  
CTGTACTGCCAGATGCATCAGTTCATCCAGCTCCGCAATGTCGGATTGTCGTAAT  
CTGATCTCGTTCTTGACCAGTTGCCGTTATTCAACCCATCGAGGTCT  
GTAATAACCAGAGTGAGGATGCCAAGCGCGTCAATTAAAGGCCTAGTCGGTGTGC  
GTGACTGCCACCGATATCAAGGGTTGTGATGTAGCAGCGGTCAAGGAATGGAAACT  
TATTCCGCAAGAAATGCCGAGCATCATTGCTCTGCTGAGCCCTACCAAGATGG  
CGGCGTCGGCGAAGAATATGTCTGCGTGTGCCGTAGGTACCTGGTACGAACCT  
CCTCGTCTTGTCATGCCAACACCGTTAGAGAGGTTAGACACCGTGCACACCG  
GTACGCCGATGCCATACATCCCTGCTGGAGTCGCCTGAAATACCTAACGATTCTGGT  
ACTCCACTTCATGAGTTACATGGCTGGAGTGCCTACTCACCAAAAGCTGAGTCTTCA  
GATTGGGTAGCGTTCAAGCAAAGCGTCTCGGCATAGAACTTGGTAGGGCGTGCCTA  
CGAACACTGCTGCACTTGAACATGAAGGTGGCTTCAGGCTCTCAATGAGCACGA  
GGTGGATGGGCTCGACCGGTCTATTACCTCCCGCTGGCGCCCTGGTTTTCTTA  
GCCACTCATCCCTAAAACCCATCAGCCGAAAATCATGGATATCAGGTTTGATATC  
CCAACCCGTTAGCGGTCTCAGGTAAATGAAGAGGAGGGCTCCGGCGCCCTGA  
ATTGAATCCAACCAAAAGGACGGCAGCTCATGGTCATGCCGTCGGTTGCTGCT  
AGGCGACTTGCAGTTGATGCGTGGTCATTGCCAGGGTAGCCCAATCCCTCG  
ACCTCTTAATAGCAGATTGAAGCTGCTACTTAGCCTGGTATGAATGCCGACTGG  
GCTGCTCTATGCCCGCAACGCTCGAGATCTGAGATATCTGGCTGTACCTGGA  
TCTAGGTGTCGGAGTAATAGGATCTGAGTTGTCAGAGAGTTTCGGCACCGCTG  
GGTAGTGTGTTATGCCCTGATTGCGTCCGAATGGCGCCGAATCCCCGTGCTGCT  
TGATCTCGTGTACTCGAATTAATCCACTGAGGGGATTGCTTCCAGAGGCAGGGAGG  
TAGGACTCAATTGCTGCATTGAGCCATTGAGTCGACTTGTGAGGCTTCAAGTT  
GTTGCCGATCTAGGCATACCAACGAACCTGAATTATCTCCAGCCTACGGTTCA  
AGTAATCATGGAGGCTCTGTGCCATAGCGTCAGCGGCTACCAAGCGGCTCCTCCT  
TCCCTAAAGCATCCTCAAGCTCTGCAACCCCTCGCGCCTGCGATAGCCGTGT  
ACAGCATATTCATATCATGGTTCAAGCAGGAAACGCACTCCACAAGCCCCCGC  
GCCACGCAAAGCTGGGAATGAGATCGCGGATGAAGTGGAACTCTCCTGATCTGCC  
GACACCCAGATCCAGACTAGGGAGCCAGTCGGCCAGTCCTGGCTGTAGGAAT  
TTCAAAGTTGCTGGTGGTTCTCCACTCCTACCAATCTCGTCAAGCTTGCAGAA  
TGACAAAGAGTCAGATCCTGGAGCCGAAAAGCAGATCCCTGAAACCAAAATCT  
CCGGAGTGCCAGCATGGCAGATGATTGCCGCTGTTGCACCTACAAGCAGCGT  
GGTCTCATTAGCGAAGTCAATTGCAAGAAAGCAGCTTCCGAAAGTTAGATATCTC  
TACGTGCTGAATGCGCATGGATCGCCTTGAAAGCCTGAAGAGTGTCAAGCTTGC  
CAATATAGCTAGCTGCCTATAACAATCAAAGAGAGACCTGATTGCCGACCTCA  
GCCGCTAGTCGCAAGGATCTGCCGGGCTTGTGGATGCTGCTGTTGCCCTGCCAC  
TCTAAAGTACGGATGAAGCCTCGTAATCCTATCCGACCGACATTCCGAAGACG

AATGGGCCTTGTGCGCCGTATTGACACTAATGGATGCGCAGGCGCCACAGCGTA  
AGTAAGCGTTAGACGCGATGTTCAACGCACTGCGCTGGATCGCACTGGCCGGCGCA  
CCATAGTGATTGCTCCAACGATTCCACCTTGGAGGC GG TGATCAGCAACCCCC  
AAAGTTGGCTGCAGAGTTCACTTCCCTGCGGGCGAACATACAAAGGTTGCGTGTCA  
CTTCCC ACTGGCCGATGCGTAGGAACCCAATCGCACAGAAAAGGCAATGCGCGATCC  
ACATCGCGAACAGGAGCGTGGTGGTATTCCCGCAAAGTCTCAGAAGCATGTTCTGA  
GTCAGCGGGCGATGCCGTCAAGGTCTATAGCCCCACTCGCGATGATGGCTTCAA  
GATGGCTTGATTGGTGCAGTCGCCTGGACATGTCGTCA GATATA CCGCGTGC  
CGCCGCCGTGGCCGGCGGGTTGAAGGCCGGCTCCATACCTGGAT

>CONTIG\_88\_length\_5334\_cov\_18.023430

ACAAATCCAATAGCGCAGCGCTCGGGAGCAAGATGAGCAGCGGGTGGACTGAAAT  
CGGTAGCGCCAAGTAGATCACCCAGGGCAGGATGCCAGCGGATGAGCGAACGCC  
TGGCGCGGTGGTAGATGAAGCCGATTCCGACCAGCGCCGAAC TACGTACATCG  
CGACGCACCAACCGTCCACGAAACCGACGAATGCCGCATGACGAATAGCGGCAG  
CGTCAGCACCAACACCAATAGCCGGACCAAAAAAGTGAGCGCTGTAAACGCTGCG  
CGATCAAGTAATTCTCCGCCACACATACACCTGGCTGATGTAGTAGCGAAAATCCC  
GTGTCCCAACCTTGCTAGGGCGGGCTCGCTCGGAGTTGCTCCATGCGCGAGA  
GTAAGCCGGTGCAGAGGAATATCCAGCGATAGCCGTCTACCAGTTGGTGCAGC  
GAACGCCAGGTTCTGGATGACCGCACTACGGGTGAAATGCTGGACAGGTGAGT  
GAGTCGTA CTGAGCATCTTGTAGAGTGCCGCATCCTGCTCCTCCAGAAAAA  
ATGCATGCCACGCATTGATCACAATCGAAATCAGCAATGACCCAACAGTACAC  
AAAAAGCCGGAACGGCAACGTAATCAGACCAACCAGCAGCGCCGTACGACGAGC  
CTCCTGGCGCTTGCGGTACTTGCACGTCGCTCATGACAGCGGCTCGCGAACTACC  
GCTGCAGGCTCTGCTGCATCGTCTACCAGACTGTCGGGCAATCCCTGACTCTGCAGG  
GTAGGTGATCCAGAGTTTCCCACCATTGGCGGAGTCGCTGTAGCTCTGGCGCATG  
TAGCCTGCTAACTGCTGCAGATCCTTGGCATGACCTCATCGGGATCGGCGCTGGC  
AACGGCATGCGGATCTTCCACAGATTCCACCTTGCAAGAGCGCAAAACACTGACC  
CTTAGGCAGCCCCACTACTTGCAGAGGCTCGATCATCGGTACGCTGGACATGCTGAT  
GCGATCTTGAGTGTGGAGGTGAAGTCCGTGGCACCTCGGATGTCGA ACTGCGGT  
GGCTCCACTGACGATGGTTGGAATAAATCTGACTTCGGTAGCTGGGGTGAG  
CAGTTCCCGCTGGCTGTCTCCGCACGCGCAGCATGAACAGGTTGTGAAGTTGCC  
CACTACCTGACGGCTTGGCACGATTGCCATGCGCGCCTCAATGTCGCTGAGCGT  
CTGTGTGACGCGGTGACTGGATGCCAGCACCACCCCTGTTGATCATTGGAAT  
GAACTCATGCCCATAGCTCGTTGAATCGTCAGCATGGATGTTGATCGGCAACTT  
CTCACCAAGGAATTGCGCCTGGCAGACCGTCATCGATACCGAACTTGTAGATATGGCC  
AGCGACCGAAACAAGATCCGAGAACATCGAGTTGCCACTGCTGCGGCGACCTCAG  
CATCTGATAGCGCATCTAACGCCCACATAGACAAACCGCGCGTTGCGGATGATCTGCA  
TCCAGTCGAAGATCGGTGCGGGTGGCCAAGTCGGAATAGTTGGCGCCAGCAAC  
TGGGCAATTGCGCTGGTCAGCTCCAGCAGAGGCAAGAGCGAGGCAACAAT

CTTATCGAAGTAGGCCTGCGAACGTACCGCGCTGCGCAGGCCCTCCAACACACGGG  
ATCGTAATTGCGCACCTGTCCTCAAGTACTGCTCCAAGGAACAAACGCGCTCTCACG  
TCCAATCATGTTGCGCGGCATGTTCTGTCATTCACTGCTGGCTTCTATCTGGACAATC  
ACCTCCCAAGCCTTGGCTCGTGTGGCAAAGTAGTGCTGCGCATACTCAATGAAC  
AAAGCATCGATATTGATGACATGTCGCTGGATCAACAGGTAGTCCGGCCGCTGCC  
AGTTCAATGAGCGCGCGGGCGATGATGTTCACGAACC GCCAGGCGAACTCGCGAAA  
GGCAGCACTGTTGCCTCGCCCACAGCTGCCCTGCGATGCGCGTGGCAACTTCGGA  
AATACGCCGAAACGCCAACTGCGTTATAACGGGCCTGATTCGGGCCAGCAA  
GGTGGAAAGATGTAGAACTCACCTCTCGCCCGGCCGCTGGCCTGACGTACATAC  
GTTGAGCAAGTCCGCATCACCTTGGATCAAACACAATCACCAACCTCATGTTCCC  
CGGCTGGATTGCTGCGACGGATATCCTGAGTGATGAACAGCTCAGCCAACCGTGT  
TCCCAACACGAGTGGTCCCAACACCAGCGAATGACCAACGCCGTTGCGCTAACGGT  
AGGCTCACATCAGTTCTCGGGCTCTGCCATGCAATCGAGGTAGCCGCCACA  
GGCAGGAGCGGCCGCACCGGATTGAAGGGCACATCCCAGCTGGTAATCCTGGCCAG  
GTTCAACAGTGGGAATGGCGCGAACCTCCAGTCTTCCAGGCCGCCAGCATACG  
GTACATGGCGTTGGCTCGACATAACGTCGAAACTCCAGTCTTCCAGGCCGCCAG  
GTCGGTGGGTGTGCTCTGCTCCCAGAGAAAACCTTGCCGATGAAAAGCCGTTGCC  
GGCTAACCGGAACGTCGCGCTGGTCATCACGTAGCGCCGAGGCCGCCAGATGTT  
CGCGATAGCGCAGGATGGCTGGCCTGGCGCAAGCGGATAGCACCAAAGGCCAG  
AAAGGCCAGTCCGCTGCCATCCCTAGGGCAGGGCTAACGCAAGCGACCATGGAG  
CTACGAAGGAGAGAAAAGCCGACCCAGCACACACAGCTACGGTAGAGCTCAACC  
GCAGGGCGTAACAAGACTCTACCGGCTGAGTTGCGCCATGGAGTCAGTCTCAAT  
GCCGGTGCTGGTAATCAGCACGGGTAATGGCGTACGCCAGCCGTTGCCAGAT  
CATCGCCGGTACTGCGCGAGTTGCGATGCTGGCGCAAAGCTCAGACTGGCG  
AGCCCTGGGCTGACTCAACATTGACGACAAGACCAACCGCTTGCCTCACGCACT  
GCTACGGCATGAAGGCAGCAACCAGGCATGCGATGCTCATCGTCTCCGACCAAGAAA  
AAATGGCTGTAGCCCCGGAGCCTCTATGACCGCTGCGAGTAACAGTGCAGGAGTGA  
GCTTGGCACTGCGTACAGGCAGCATGCTACTTCATCTGCTGCTTGGTGGCGGTA  
TCGGTACAGCGACGGGGGGCTTAGCTGAAGCGGATGTACCGGTTGCAGATTGAGC  
GCTTCGTAGTACGGTAATGCTGAGGCACCGCCAAGATCCTCGACGACTATCAAGGG  
CTCGCCTGCCAAAGCCATAGCGGGCAGAGTGAACATCATCAACAGGCTCGGGCAT  
CCCGATAAAACCAACATTGATGGTACGGTACGGCTGCTTGCAGGTTGCTGAGT  
TGAAGAACCGCGAACGCGGTCAAGATGCCGGCCACGCTTGCAGTACCGTGC  
CCGGTGCACCGCCTGCCGGACGGTACCGACCAATGCCAGTAACCAGTCG  
CCCGGGATGTGTTGCTCCGCAGGATTGCGCTGCGATGCCAAGTGCCTGAGGG  
TCGAGCAAGTCGATGGTGGCTGAGCGATGCTCTGATAGCCTAGATTGATCTGT  
CCCAAACCAGCATCGACCGCGCTGAAGGCACCTGCGCAACGCCGCTGCAACTC  
GAAACAAGCTTCAGCACGGCTGGAGAACGCGAGTGACTCGCCTGCAACATTGACTG  
ACCAAGGCCAGGAAATGATGCGCCCCCTCGACGGATACCGCTTGCAGGAGTGC  
ACTGCGTACAGCACCGTTGAGGAAATACCGGACTCTGTGCCGAGCTGATAAGC

AGGCGGTGGGATCTCCTGAGCATGGCCGGCATACAGAGCATGCCGACAGTCAGCA  
AGAACATTGCGCCCGGAATGCCAGTCCTAAGGTTGGCGTGCATTGACCGTTGAC  
TTGGCGTATGACAGCAGGCAGCTCACCTGGTAGCCCCAGAGACAGCCAGCGACCGG  
CATCGTGGTTGAGGGTAATCGTGCAGCGCTGACTAGGGATGCATCGATCTGGTGC  
GCCCGGCCATTCGCGATGCGAGCATCGTCAGACCGGCTACCCACCATAAAATGT  
CAAAGCTGTACCCGTGGCTGAAGGCGATGGATGACCTGATCGAAGGCAAGCAA  
TTGTCGCGCACAAAAACTGCGGCTTGCCGCTCTCTACTCGCGTAGCGGCGTTG  
CTGGGCCCGGCATCTGGTAAATTGACACGTTGAAGATTGGATGCAGCCGCTGCCAT  
GCCTCGTCATAGGCGCGTTGGTAGGCCAGCAACTTGTGACACCGCGTGCCTCTGCC  
TGCACCTGTAGCTCAGCATAGTGCCGCCCTCATCAGAGCGTGCCTCTGTCCCG  
AGGGCAGATAGCGGATCCAGATTGGGTGAATAGATGCCAATGGGCCAGCCATCAG  
CTCCCGGTATCGTGTCCACTCCTGCCAGTCCCCAGTCGCGCGCAAGCTTCTC  
GTCATGACTGTGATCGATTGACTAGTCGACACCTGAGACTGTTGGTTGTCACCTG  
CTGTGCCCAAGCAGGTGATTGAAGTGTGCCAGGAAGAGCGCGAGAAACGGAAATA  
GTGACCTCATGGCACGCCCTCAGGGATGCCAGACGGCGGGTTGCTGCCCTG  
CGCGGAACACAGCGGTGTTCCGATCAATTCTCAGCCGATTGCCCTACTGCTT  
CACCGGGCAGGACTACCTGGATCTGAGAGGCTAAGAGGTCACCACTGACGGGAGCG  
ACTGAAACCGTGCCTGACGGCACGCAGCTCCGATCCAATAACCCGAAATGGAAT  
GGGAATCTCAATCGGCTAACACCACCTGGTTGCGTTGACGTGATTACTTCCACA  
CTGCTTGAATCGCAGCCTGATGCGCTTGATTGATCCATCTCCATACGAAGTGCA  
ATCAAATCATCGAACAGTCGCGAGTGGCGAGTGCTCGCTCAAGCTCATCAATTG  
TGTTCCGCAGCCTACGCACATCGTTAGCGCTGATGCGGTGGCCATTCCGGCCGG  
GCCTGTAGCGCGCGATTGCATCAGCGATTGCGCCTGACCTACCTCAGCGCGTGC  
AAACGATTGAGGGTCTTTCGCGTTGCGACTGCACAGCGAGCAACCGCATCATCACT  
AAGGCCATAAGCCGACAAGCCACACCCACAGCAATATCTGGATGATCGAGTAGGC  
TCGTGAATGTTCGCGCC

>CONTIG\_89\_length\_5331\_cov\_48.666987

GTATCGTCGGCCTGGTCCAGGCGGCTGGATGACATGGCAACTCCACTTGGCGGTG  
AAGTCGCTCAAGTCAGGTCGCCTGGGCCACTTCACAACCGTTGGTGTGCGAATCGG  
AGTTGAAGCCGCAAGGCAACGAAAAAGGCACTCGACTCGCGTCAAGTCCTTTT  
TATTGGTGGGCCACCAGGATTGAAACCTGGAACCAAGGATTATGAGTTGCGTC  
GATGCGCCATGCCTAGGAAAATCAGTCGAAGGCAACGTAAGCAACAGAACAAAAA  
AGTAAGCTGCGACAGTAGTTAGCGCAGCTGGCGAAGACGGACAAACTCAGCTC  
TGTACCGCTTGAGTACCGCTATCGGAAACAATCTGAACCCGAAACGTTCATACG  
ACTGCTCCCACGGGTTGACGACGGTCACACCTGTCGGCCGGAAATCGGCCGCGTTG  
GCGTGACCACCGCCATACCGTGCACCAGGGCGTCGCCGCGATGAGCGCGTGC  
TCGCCCGCTTGTCTGGTACGTGCAGCCAGCGCAGCGTTGCGCCACAGCGGTATCG  
ATAGGCAATGTTCGCCCATAGAAACTCGGGTAATAATGCTGCTCCAGCCAGGAGCG  
CAGTGTGGCCCCCTGGCCGGTCCCTGCGTTCAATCGACAGAACCCGAGCTCCAG

CTCCATAACGGTATGACGGATACGAAGAGGTGGCGCGTCAACACGTTCCGCC  
ACGCCGCCACATTGCATCGGCCTGCCAGACTTACTTTCGCAGCTCCGACAACA  
CGTTGGTATCGAGCACGTACATCATTGAGATCAGCCGGCAGGGCTCCAATCGTCAC  
GCGCGGTGGCTCGAACTCGATCTCGCGACGCCTGGCATGCCAGCGATCGCAA  
TATTGCGCCGCTCTCGTGGCTGAGCCGCTGATAGTCCTCGAAGCTAACAGCACGTGCG  
CAGGCTTGCGCGATCCGTGATGAACACCGGACCGCTTGGTGGCCTTTGCTC  
GCGTCACGTCCCTGGTTCAGCTCGCGACTGGATAGGGTTGTGATGGTCATGCACGCTT  
CCGAAATCACCATGATGTAGTAACGTTACTACAAAATTGATTGGAAATAAGCGGC  
TGCTCAAGACATCAACGTCCTGCTAATTAACGAAAAGCGTATCGAAGACCATTTC  
AGGCCGACAAGGCCTGAAACTCCCAAGGGCAGCATTGCACCCCTGAATAAAAGTCGA  
ACACAAACTGGACTCATCGAAAACGTCGACGTCGCAACAGGAATTGCACATGGACC  
ACTGCGGCCAACTGAACAAGACTCCGACCGCCTCAGCATCGTATGGCCGTCTCG  
CAGGACTGCACGCACGTCCCCAAGATGTGGGTGAGTGCATGGCTGCCGGCTACGGC  
GATACTGGTAGCGGATGAACGACACGCCCGTATCGGCTAACCAAACCGCGATCA  
CAACACTAAGGCCTTACAGACGAATGCCGAAAGATTCACTGCCTACGCCGGCTAC  
TGGCGCAACTCGCTTGAGATGCTGAGGCCGACACGGGGCTCTGCAGCCGCCGA  
CGCCCAAAAATTCAAGAACCTGCTGTGGAGCTGGATGCTGCCGATAAGCC  
AAGGCATCATCGATGCCTGCTCGCAAAGAACAGCGAACAGACCAGTCGAG  
GTAATAATCCGCCAAAGGTCTACGTGCTCGATTGACGCCATTGCACCCCGATGCTGGCACGTG  
ACGGCAGGCTGTATCCGCTCTCGAACGATCGTGCCTCGACATCCTGGAACCC  
TGGAACGCGGTACGTTGCCATGGCGAAGTATCCGATCAGGATGCTTATCTACCA  
CGAACACCATTGCCGGATCAACGTTGCACAAATGACGGCGAGCCGCTAGCGAT  
GCAGAGTTGACCGAGCAATGGCACGTTACAGGGCTGCTGCGATCAATTGCTGG  
CCAGGTTGGTCAAGGCTGGCTGGTGTGAGGACGAATACGAACCTGCCAACATG  
GGTATCTCCTGAAAAAGGAGTCGTTCCCGCCAGCCAGCACATCCTCTCCCTTACG  
ACCATATCCGCCGATTGCCGACCGCCCCCTATTGATCGTTACGCCAGCACC  
AGATTTCCTCTCGAGCCCTGCTGCCGAAACGCCGTTCTCCAGGCGATTGG  
CGCATGCCAGCGACCAGTTTCACTGGCAGCCGCCAGCGCAGTCGTTGGCTCACC  
TGTTGGCTGCAGAAACAGGCAGATCCTGGCGGTCAACGGGCCTCCGGCACCGGG  
AAGACCACGCTACTGCTATGGTGGCGCCACACTATGGGCCAAGCGGCGATCAA  
TGACGATGAGCCGCCGGTGTGGTGGCGGCCCAACCAACAATCAAGCTGTCACCA  
ACATCATTGATGCCGTTGGGAAGGATTTCGAACGGAGATGCTCGCCGCC  
GCTGGCTGCCGATGTCCACAGCTCGCGCCTACTTCCTCGCAAGCAAAGAAC  
GCGACGCATAAAAAGTACCAAGACCGAGCGAGTTTCGAGACGGTGGAGTCGGAG  
GCCTATGCGCAACGCCGGAGGGCTATAGACGCCGCTGGCGCTGCATTCTCC  
AACATGGCTAGGGAACAGCTCAAGTCCAGGCAGTTGTCGATGCATTGCCGCGTC  
GATTCAAGCCGAAGCGAAGAAACTTATGCCATCGAAAACGCATGGTCAGCGCTGC  
TCACCGCACGCTCAGCACTCGAGCAGAGCTGGCGAAGAGCCTGCCAACAGTTG  
GCGCAACGCCGCATCTGCATGAAACAGCACTGGCTGAGAAACAGCGCGATCGATGA

GTGTCGGAGCAATGGGAGCACTATCTCGAAAGGAATCTCTCGTCTACACCTTCTT  
CTCGTGGCTTCCGCCTGTCACCAAGAAGCGCATCGGTTGGCTAGCCTGTTCTGAA  
GCCGATCTGGCCTACCCAGTACCGCAAGGCCTGGAAAACCATCGATCAAATCG  
AATCCGCCGTTAAGGCTGCCGCCAGCAAAGCGGAGCGGAATCTACCGAGCAGATC  
CATAGCGTCGAACCGGGCAAGCTGTCCTGAAGCAGAGCGCGCTGCCTCACGCA  
CTGGCAAGCCGCGCTGGTCCGCTAACGTATCGCACCAGGCAAGCAGCTGTCCTT  
GGCTGATTGCGATTGCGCTTGCCGACATGCGATTGCTTCCCAGTCTTCTGCTGACA  
ACCCATTACTGGGAAGGCCGATGGCTGCTGGAGATGCAGGAAC TGCTGCCGGGAT  
TGAACAGGAACGAAAGAAAAATGGACGAGCTACTTGAAAAGCGTTGGCGGCC  
GTATGAAATTGACGCCCTGCATCGTCTCGACGCTCTCATGCTGCCAAGGAAATGC  
TGGTTCTCGGCACAACGGCAGCGGCTTCGTTCCGACTATCTCATGGCTTGCGCA  
CCTCCTCATCGTCGATGAAGCCGGACAAGTGCTTCCGGAAGTCGCTGGCGCGTCATT  
TGCAGTGAAGAAAGCCTGGTGTACCGCACACATTGAGATCGAACCGATCT  
GGTCGATTCCGCCAAGCGTTGACATCGGAAACCTGCACAGTGCCAAGCTGCTTCAA  
TCGAGACTCAGGAGGATGACTACGACCACCTTCGCAGATCGGCAAGACCGTCGCT  
GGTGGCAGCGTGATGCGGATAGCGCAAACGCTGACCGCCTACCACTACGACCCAGA  
TCTTGCCGGGGCATGTTCTGTATGAACACCGCCGCTGCTCGACGAGATCATCGG  
CTACTGCAATGCGCTGTGTACCGGGCAAGCTCATTCCGACGCGAAAAGTAAAA  
CCCAGGCAGCTGCGGATCAACAGGATGGCTGCCGGCAATGGGTACCTCCATATC  
GACGGAATCTGCCAGAAGATCGGAGCTGGCAGCCGGATAACCTGCATGAGGCGGA  
AACCATGCCGCCTGGATTTCAGAACACCGCGCTCGCTGGAAAGCTACCTACGGCA  
GCCACTGCACAAGATTGTTGGGTGGTACCCCCCTCAGCGGACAGGTGCAAGCCA  
TCTCCAATGCCGCAGCGTGGCATCAAGGTCGGCAACGACGACGACGGCATG  
ACTGTCGGGACCGTGACTCACTACAGGGCGCCAGCGCCGGTAGTGTATCTTCT  
CCGACATACACCAAGCATGCCGATGGCGCTTCATCGACCGTAGCGCGAGCATGCT  
CAATGTTGCAAGTTCCGAGCGAAGAACATCGTTCTGGTATTGGCGACATGGATGT  
ATTGAGGCAGCTCCGTAGCGAAGCCGCGGGCTGTTGCCACCTATCTTCCG  
AGATCCCACCAACGCCCTCACTTCGAACATCTGGTACGGCAGGACTTGCAGGGAGG  
CGGATGCTGCCATTCACTCCGAGGACGCGCAGGAACATGACGCTTCTGCTAG  
CATCTCTGCCACAGCAGGCCGAAATCCATTGTCTCCCTGGATCATTTGG  
ATCGCATCAAGGAGATCGCGCTCGCAGCCATCGCTGCAATCAAGCGTGGC  
GTGAAAGTAACGGTCTACGGACCCGGAATTCAATAACTGACGGCAGCCACGAAGG  
ACACGATAAAAGCGCCAGACGCTAGACGCCACCGCCGCGATCCTGCGGACGCGG  
GCATTCAAGTCGTTCGTCACCAGAGTTCACAGCAAGGTGCTTATGGCGACGACG  
ATTGTACTGCGTCGGTTCGTCAACTGGTTAGCGCCAGACGCGACGCACAGTACG  
CACGCCACGAAACCTCTGGTATATCGAGGACCGGGATTGACAAGCGAGATAGGC  
GTCATGCGAGCGAGCTGCGGGACCGCTTCACAGACTAGGGAACCTATGAGCAACG  
CGCCCCAAAAGCGCGACACTATCGTTGGAGTGAGGAGGCATCCATGCAACTGAC  
GCTTGAATCCTGGCTGCTGGTCCAACTAGGGCCTGTTAACACTAATGGCCGAGC  
GATTAAACTATTGAGCATGGAGATCACGCCAGCACAATTCTGATCGAACACTG

CCTGCCGGCGCAGCGCGGCAATGTCAGCATGACCAACCTGCAAGTGGTCAACGCCA  
TCCTTACGTTGCCGAGCATGGCTGCAAATGGCGGGCCTACCCAAGCGCTTGCA  
ACTGGCATACGGTCTACACAC

>CONTIG\_90\_length\_5179\_cov\_81.594418

TGCTCAAACCGAGCGGATCAGGCAGGACCTATCCCACCAAGGACGCCGCTCGC  
GCCGAGGTATTGACTACATCGAGATGTTCTACAACCCCAACCGTCGCCACGGTTCA  
ACTGGCGACCTGTCCCCCTGTAGAGTTGAACGGCGCTACCGCAACGAGGGTCTGA  
GTGTCTACGAAACCCCTGGCGTATCATTCCGTATCGACGATGATTATCACATACTG  
ATACAATGACGGAGAAAATTATCTGGGCCCATCATGAAGCGGTGCATCGTTGGTGT  
TCAGCGAGCAGATGGTTCACATCCTCATCCTCATCCTCATCGGCTCGTAAGTGAAC  
ACCGAGAGTTGGTTCCCTCTGGCATCGCTGGCTGTGCTCTCGGACGATAAAC  
CGCCGTTGCTACGCCTGATCCATGAGAAAAAGCCAAAGTCCCTAACGGAACCTGGC  
CGAACTCAGTGGCGAAAGGTACCTAACCTGTCGCTACCGACTGATGGCGG  
ATTACGGGCTGGTCTCGCTGACGTAATGTGAGAGATGTCCAGCCGACAGCATTGG  
CGACTGAATTCTGGTCGTGCTGGATTGATGCCATGAATGCAAGAGGGGAGA  
CGATGGCTCGGATTGGATGGTGCACGGGACGGTGGCAGCTGTACGACATCTTC  
GAGAATGCGGCGTAGCAACCCTGGGTTGGCAGTTGGCCCATGCCAAGGCTGGC  
GTCGGACCGTCAATTGACCGCGCTGTACCAAGTCCGCGAGCCTCAAGCAAAACA  
GGGAACGGTCGTGCTGGCGCCTCTCAGGCTGGCGCTTGTCAATGACATTCAATA  
TGGCAATTGGTCGTCAAGAGCGGGTGTCAATCCCGCTAGTGATGTGACCCCTGGACC  
ATGGGGCTGTGCGCTGATTGAGCACTACGATGCCCGATGCCAGACAAACGAG  
TTGTGCCGTCAAGCGGCTTCACTGCCAGCGTGAGTTGAAATGAACGGCATGAGC  
CAAACAGCCATACAACAGTTATCCAGTCGACGACAGTCGCTCCTAAATATCCC  
ATCAAGGTGAAACCACATGGCGCAAGCTGATACCTGGTCGCCCTGGTAAAGCAG  
CCAGCAGCGGTGACCAACCGTCTTCCGGAAGTCGACCGAAGCCTGATTCAAGGAA  
GAGCGCGAAAGGGCACCGAACCTTGGCACCGCCTGGAAAAAGCATTGCGCGC  
GTCCTCTACCAAGCTGCCCTGTTCCAATCTCCACTCCAATGGCGCGCAAACGCA  
GAUTGGAGGTGTCGCGAGAAGGATCTGGTGCAGATTGACGCCAGAACGTTCGC  
TAGAAAGTCTGGCCTTGCCAACGGTATCCGTGGCAATTGCGTGAAGTTGCGAGG  
AGCAGCATCGCGCAGAGTTGCTGCATGCTATGGCTTAGCCCTAGACACAGAGTT  
TATTGGCTGGGCGCCAGGGAACGGCAAAACATCGCTTGAGAAGCTTGGCATT  
GAGTTGATGGTGCCTGATCGTAGTGCCTATGAGTCGTTGATTGGCAGTTACCTG  
GGAGAGACTCTGTCCGCTGAAAGGCTTGCTGACTACGTTGGACGCCGGCGCTGC  
GTTTGTGTTTCACGAATTGAGACATTAGGCAAAGAGCGTGGCATAACATGAA  
ACCGGAGAGATCAAGCGCGTCAGCTTGTGCTCAACTAGATGATCTTCCC  
GAUTGTCGTTGTTGCTGCAAGCAATCACCCAGAACTTTAGATAGGGCTGTT  
TGGCGCCGTTCCAGGTTAGGCTGGAACCTCCCCCTCCTACACGAGCCCAGTTGACT  
GCGTCGTCGCCTCAATCGCGAACCGCAGCAAAGTCATTTGGCTGGCAGCTGAG  
ACCATTGCAAAGCGGCTCTAGGCCTAGTTTCAGAGGTGGAGGGAGTTCTGCCTA

GGAGTAGTCGGCGAGCAGTATTGGATCAAACAGTAGATGATGCCAAAATATTGT  
CTTTCTAGGCTGAACAATGGAAGAACGATTGAAACCTGCCGGTAAAGAAGCAT  
TAGACCAATAGGGCACAAGGAGGGATATGCCTGCTGAGTAATGCCGTTGCTGGTT  
TTCCAGAAAGACGAATCCTCAACCAGAAAAGGGAACGGTTCCACCGGGCAA  
ACAGAGCTGCCGGGCATGGCGCCAGGTCGTCCGTACGGTAGGCAGATCGAAC  
AAGTAGAGCAAGACTTGCACGCTACCAGGCAAGCCTGACCGGGTCTAGCTGGA  
CTGGAACCTGAAATGGTTCTAGTTATCGAGATTGTTGGACGTCTGATGACTTCAGG  
CAAGCCGTCGAAGCGGCTGCCCTGGAGTGGTGGAGAAACCGAGCTCGACGACTT  
GGAAGCCGAAGATGATACTTACGAAGCAGATGTTGGCAACCGGTATGCCGTGGTTA  
AGCCACTGAGCGGTCGCATGTTCTGCCATGAGCAACATGACCGGTATGCCGGAG  
ATCCTCTCGCTTGGGAGCAGTGGAAAGAGAATAGAGACCTGGCTACGGAAAAAC  
TAAATGGAAAGCGGTCTCGAGCAGTTAAATATGCTCCGGCGTGGGGTATCGAGG  
AAGCGCTGGTCGAAACAGGAATGATCGACCGATGGCAGGATCTCTGGATCCCATT  
ACTCCGGACCAAACAATCACCTTCAGATCGAGCTTCTATCGCAGAAGTGATCAA  
AATCGAAGTGCTAATGAAGCTGTAATCCGTTCGCTCTAGAGAGCCTCGGAGGCAG  
AGCGATTCTGAATTATTGATATGCCACAGATTGCATTCTATGCCGTCAAGGCCGA  
GCTGCCTGCTCGCGCTATTAGTCGTTGCTCGATCAAGTGGCCGTGGGGAGCGGA  
TACCGACATCGAACTATTAAAGTTCGCCGCATCATGTACTTCCGCCCTACCGGGCA  
GAGTCTGGCGGTATCAGAAGAAGCGAAGGCAGACCTGCCATTTCCTCAAGGTG  
TCAGTGATCTCCGCCTGTTGCGCGCTCTCGACGGTGCCTCGCAACTGCATG  
AGGCCCTGAAAGACCGACTCTGGTAGATGATGATTTGGCTAGAGGCTACTTACC  
AACCCGGTGAGCGAAAGCATGGCACCGCCATGGCGTCCTGATTCTGCATGGTGATC  
GAAGCAACCCAGAGACCGAGCCGCTGGTCGCAAGCTGTATTGCCTCCGTAATG  
CAGCCTGACCATCAGACACGTGAGAATGATGAGCACATGCCGGACGATTTCTT  
GAGGACCGCATCCACATTGCCGTTCGCGCATGTTGAGGCGCTGGCGATGTCCT  
CCGCAAGCGCCGACGGTCAAGTTATCAACATCTCCCTGGCGATACTGCACGAGA  
ATTCAATTACACTCCGAGCCCATTGGCAAGGCTGCTGATTGGTGGCTATCGCTA  
TCGGGTGCTGTTCTCGTCAGCGGGAAATTATTGTAAGGGATTGATCTCGGACT  
TAATCAACAGCAATTGCCGCCCTTCCGATGGTGACAAGATAAGGGCCACCATCA  
AGCGGTATCACGCAACCTCTTCACGGCGTTGCTTCACCTGCTGAAGCCATAA  
ATGCCATCACAGTGGGTGCTGCTCACACCGATGACTCAGGGGAGGCTATGCCAGT  
TTGGCAACGGTCGATGTGTTGCCCTCAAGCATTGTCAGCCCTGCCACCGCC  
TGGGATTGGTTCCGACGTTCCATCAAACCGGACATCTTATGCCGGTGGCG  
AACTCTACAGCGCCCTCTGCTAGCAGCATCCACCGTACAGCATTGACAATTCCG  
TCGTCGCCCCAGGCCAGAAGGTGGCGCTGGACAGTAGACAGCAAGCGTACTGAAT  
CATGAAGTATTCTGGCGTGGCACAGCAACGCGACGGCGCTGGCGACGCGTGGCGT  
AGTACGTCTGTACGACATGCTGGACAAGCTGCGTGTGAAGAGGGTGAAGACATT  
CCGAAGCACTAATGTCGGTGCTGCTGAAAGCGCTCCTAGTTCACGGCGAAAGCAA  
GACGACGAAAGCAAGAAGCATATCGAACAAAGCGGTGAAGGATGCGCGTAACCTCGC  
GTCAGTTCAAGCAGGTACCGCGCGTACCTGGTTATGGTGACTAGATATTGAGC

GCGTGCTGACCTGCACAGCGCAGCGGGGACAGTCCTAGGGTGGGAGAAATTGG  
GAAAACGAAGTGCATGAATAACGCCCTCCGATTCCCTCCGGGTTCTCTCCAAAAG  
ATCTGGCGCGGGTGGTCGTGACCCCTGGCGTGGCTGACGCCATCAATCCGGACCCT  
CGAACCTCCGTGAAGCAAATTGATGCTGGAGCCAGGCGGGGAAACTGGTCCAG  
TCAGGTTCTCAAGCTGGACCGTCAGGACGGAGACCACAATCAAGTTGAGCGTGGCA  
CCGTACAACATGAAGTGCCTGGAGGGAAAAAACAGATTCAAGGACGCTACTGCCTACCTCGATGCC  
GAGACCCTGCGAATCCCGTTCCTGCAAGAAGGACGCTACTGCCTACCTCGATGCC  
GTTATTCCGTACGGACTCGCTGTACGCTGGAAAGCGAAGGAAGACATTCCGATCTAC  
CAACAGGTCCGTGCTCGATCAAACAGCCAGTGCCTGCACGGCATGGATGGCAGTCCTGAACCT  
GTAGGGAGCTGGTGCCTCCCGTCCGGTGCACGGCATGGATGGCAGTCCTGAACCT  
TGATGGAAGTTCTGGACGAATTGGTGCATAGGGCGAAAAACAAGGCTAGAATT  
AGGCCTTCGCTAATCATAGAGGGCGAAGAAAGTATTGGAATCAACGACTTAGCGC  
TCTAAAGCATGACTCGTTCCCGCTCCAGATGTAGACTAGGCCCGTGTCCGGGTC  
TCGTTGTTAAAGGGCAGGATGCCTGGATTGATATTGCGCTGGTAGAGTG  
GTTATGCAGCGCTGCTTGTGCATCCATCGAGATGAATTGGCTAGCGTAATGAAGCA  
ACAAGCTGTACAATTGCTCCACGCGGGAA

>CONTIG\_91\_length\_5067\_cov\_7.430162

CAATAGGTCAATCCAAAGCCAAAGCAGCAGGCGCCACCCGGCCTCTCGT  
ATGTTGCGCATGGAGCGCTCTCGCTTGATCTCGATATGAGCTATGTTGGTGG  
GTTGCAGGAAGATTGGTGCCTAGTTGCGCATCAGAAACGATTGCAAGGTGA  
ATTGCGATTGGCGAGTGCAGCAATACGCTGCCATCGTGCAGGAGTTCT  
GCAACCCCTCCTCTTCACAGGGAGTCAGATGAGTGAAGTAAATAAGCTGAAAG  
CGTGCACCACGATCGGCGATTGGCGCTACTGTTGGCTTCAGGCCAAACGCTCG  
GCTACATAGCCTGGGACTCCCATCCGCAACTAAATACAGCACTTCGCCATTCCGA  
AGCGCTCGGGTGGCAAGCGGACAATCCACGCACCTCCCCACAGTTGAAGCTTGC  
AAGGAAAGCTTCGATACTGCTTCAGGCGTGCAGGAAAGAAATTGAAGAGGAATTG  
GGTGTAAAACACACAGTCGCCACGGTTCAAGCTAGGCCGGTCTATTCTTACCAAC  
GCGGACGTGCACCGCCGCCAGCGTTACGTCTCAACTTGACCTATCAGATTCTT  
GGAACCATTAATTGGCGGGTTCGTGGATTCTTATCAATAATGAAATTTCAG  
CTGCATCCAGATGTTGCAACTTGATTGCTCAGATAGCTGTACAAGGACATGCT  
CCTCAGGGGGGCCAACTTCGCTGTAATCTCAACTTGATTGAAACATCCTGGAC  
GTCAGGCTATCGAAAGTAGCCAGAGCTCACGGCTGCGCTACACTCGTACGCAGA  
TGACATTACAATATCCACTTCGAGACTGAATTCCAAATGCAATCGCAACCCAGGT  
AGATCCGCTTCAAGGTGGACACTCGCGAAGGACGTCGAGCACCGAGTTGCGGC  
GTGGTTCCGCATTAACCACGCAAAGACGCGACTTTACACCGCCGCTCCGCCAAG  
ATGTCAGTGGTATCGCTGTTAACAGACACGTCAATGTGAACCTCTGATTATCGCAGAG  
CGGTCCGAGCGATGGTCAATAACCTATGCTCAACGGGCACCTATCAGCGAAAAAA  
TCTATCGTTAGGTGAAGACACAACGCGGTGTCGAGGCTCTCGGCCACAA

CTGGAGGGCATGCTCGGATTTACTACAAGTGGAGCGCTACCGCAGGTCAAGACGA  
GCCTGCCCGCCAACCCTAACAGCTCCACAGAGCTGCTACATCGCTCCTTCTTC  
ACAACATTGCAAACAAACGACAAGCCGACTATCCTTTGAAGGAAAGACTGACAG  
CATCTATATAAGTGCCGCAATTAAGCGACTTAGGGCATCCTACCCACTACTCATGGC  
ACCAGGATCGAAGGAGTTGCTGTTAACGCTCCTCCCCATACTAACGACGCGAGAGA  
GAATTTAACCTAACGCTGTTAACCCCTTGACTAGCTTATCGTCTCCTACCG  
AGAAAGCTATGCCGCATTAAGGCCAAAGGAGCGAATCCCGTATAGTGA  
TCGACAATGACAGTGGAGCAAACGCCGTAAATTGCAAGCAATAAGAACGACTACAAG  
CTAGACATGCATGATGGCGACCAATATACGCGTTATGACAATCTCTACGTCTT  
TTAACCTCGAAGAAAGGCTCCGAAATCATTGTATCGAGAACTACTTAGCGCGGCG  
ACGTTGGCTAAACACTTCGGGAAAAAAACTCAGCCTGTCTAACAAAAATTGAA  
GGACGATGAGTATGGAAAAGCATGGTTCGCAGAGAAGATCGTAAGCCATACTATA  
AGGATATAAATTCTCTAACCTTCAGCCTTAGACCCATCTGCGAGATCATTC  
AGATCATTGCCCTAGGGTCACATCCAACCTTCCAACCTATCGCTACTGTC  
GGAAATCCCTGCTAATTGTGAGCGGAAGGCAATTACGTTGGCGGAGTATTGCA  
TTCTTGAGTTGTCCGAAGGACATTGACTTACTAGCTGCATGAATTGACGGACCAA  
AGAATTGATTGCGTTGGACAGGAGTAAGCTACGTGACCTACAACCAGCTGCCA  
AGATAGCTGCTCTTGGCTGCGAGATTCCATTATCCACATCTGGCCTACAGTT  
ACATGTCGGTATGGATACAACCTCCGTTGAGTATGCGCACTCCGGCAAGGGCT  
TCATAATCAAATGAAGCCAACGTCATGAGTTCTACCTGGACCTTACCTCAAAGA  
GGTGTCTTCACGCAGGTGCTCGAAAGGCGCGCCGCTCGTACGGACTGGA  
ATGACCTTGGCACACTCCACAACGCTATCGCAGCTACAGTGA  
TTCAAAGCAAAAGTGTACTAGACATCTGGACCACAATGCACCGTATCGGC  
ATCAACAGTTGCCTCACT  
TCGATCGCTTGGATCCTCATATCTGGACGCTACTGGTCTCTACAAGCGTGGTC  
CCTCTCCGACGTCTTACAACGCATTGGCCTAACATCGAAGATTACTTCTCTC  
GCCGGAGCCACCAAGCGCTTTCATGAGCAACTATGAAGTCCAGTTATTGTC  
CACAGCTGACCGCACTCGATTGGACGCCGCGCAGTGACAGCAAGGGTAGCTG  
CGATCAC  
TGCCACGCCTAAGCTGTTGCGTAACCGCTGCCTCTGATGCGCGCATGACTCG  
GTGGGACTACACCCCTAACCTTACTGGGAGTCCAGTTATTGTC  
CACAGCGCCCCGACTAGGCTGCTGTCCACGCCGTCACTCCTGGAAAGCGACTACTCG  
AGGACTTTTATGACCTTGCACGCTGACGGCTTGCCAAAGCCTACGGGGATGC  
ATTGAGGATTGGTGGCGACTGCCTGGTACCTCACAGGTGCAACTACTACCGA  
GCGCCCCGCCCCCTACACCGTTGCCGGTCCCAGCGACACGGTAGCGACTGGATTCT  
CCGAGACGCGGCCACCAAGCTTCGTGGAATGCAAGACAATGAGGATGCCATCT  
CGGCACAGCTGCGGCTAGCCCTGGCGAGCTGGAGCACGGCTGAGGCGCCTAGCG  
CAAGCCGTAGTCCAGAACTATCGAAATATCATCGACGTAACGTCAGGCCGCG  
AATTAAACTGCCGATGGCCTATCTATTCCCTGATTGTCACCCATTGCAAGACTGG  
ACTATTGCCAGAAGGCAGTAGATGCCCTACCGCTCGTGGAGCAAGAGCTAT  
GCGAGCGCGGGATGGATGCGCGCATCCCGCAACGTTACCCATTGCAATTGTC  
GGCGCATTGCCACGTGTGGTCAACTAGTGAGCATGGCTACATATCTTCA

CGGACAAAGCCTCTCCGCCTCAAAGGCTACTTTCCGCAGTTTGAGCGAGG  
CTAACCTATTCAAGCGAGGGGCCGGCAGCGCAATGTTGACGGTAATGGAAGGAT  
TTGATGGAGCGCCTCAGAATCCGATTCCGGTACATCGGTCAATTAACTAACAA  
CTGTGGAACATCGCTCTATCGCCCTACTTCGATGCGCCCATTCTCTCGTTAGG  
AATTATCACGAAATCAGAACCAATCAACCCCTCAAATGCTCTAATTCCATGTTG  
CGCTATCGAAGAACTATCCAAAAACACATCCGGCATGGCTCAGGATAGCGTCAT  
AACCTCTCCTGGTCACAAACTTGAGTAGAACCAAGTCACGCAGCCCACAAGGTGGA  
ACACGTTCCCCGCCTCTATCATCCACTCTTCATCATCTACCCCTAGCCATATTAA  
AATCCTAATTCTAACAAAGATAAATTAAAAATTGGCTGTGGAGATAGGCTATCA  
GAGTATTCCAGGAATGGCTATCAGGCCTCATATCAAACCTCATTCGCTCGAAC  
CAAACATCCCACAAATCAGGATCTTGCCTAACAAACATCTGAAACTTTTACATC  
CCTGAACTTTCGCCCCCTCATTCACGAAAAAGCGCGCGTCGAAACCCAATC  
TTGGGCACACTTATAGCCCCAATACCCGGATTGGTTGGCATGACGAAAGCGAT  
CATATCCCCCGCAGCGAACATAGCCTGACTGATTAAATGCCACTCGGAAAGCCGTGA  
GAAGCGAGAGCGATATAGCAGGGTACCAATAAGTCGCCTCGAAAAATTCTCATCA  
AACTCAGGTGATCCATGTATAAAGACTTACAAAAAAGGTCAAAAGGACTAGCCTT  
AAATATACCGACCGAACATCTTAGTCGTTAACCGCGAACAGAAACTGATCACATA  
AACTCCCAATGGAGCCTCTAGAGATTCTTGTGGCTAGCGCCTCGACCACGTCTT  
GTATATTCTAACAGCACAAGCATTATTGAAAACCATAAAGAGCCTACAGAGGTCAAT  
AGGATTCAAATTGAATGCCCGACCTTCTGTGCTTAGCAAGCCCATTCCAGAAA  
TGAAACGTTGCGTGCACACTCAGATACTGGCCTGTAATCTCATGAGATGAAATGGAAGC  
ATACAATCCACTCAGACGGTCTGGTAATAACTTAATTGCGACCCGGAAATTCTGA  
AGGCCGAATCTAGAAAAAACCTTTCACCTATAACCATCGTCATCCCTTTAATGG  
TTGTGATTTCGAGCACATCCCTACGACACCGCGGAACCCACTTCAATTGATCT  
ATGTTCCAGGCCCGGAAAAAATGCTTCTATCCGATTGGAGTGCCTCCAGGGGG  
CATCAAGAAGCTCATCCTCATAGGGCCTTCATCTGCCTAACATTGATTCAAATT  
ATCCGGCTTATATGTGGGAAGCAATACAGGCGGAATGAATTGGCAAGCGTCGCCA  
CCCGATCCGGCAGACTCCTCCGATCAATGTAGAACTCTCAAGCACAGTCTGCCAG  
TCCCGTCCCC

>CONTIG\_92\_length\_5053\_cov\_18.538368

CGATGGGACTGCCCCTGGGGAGTTCTCGTTGAGGATCTCGCTGGCGACTGCCT  
CGCGAATGGCGTGTAAAGATAGAGACAGCCATGGAGTGTGACCAATCATGGGCC  
TCGGAGACCACTGGCGTGGGGCCGGTTCTTGGCGATGAGCATGCCATCGGAGCC  
ACAGCGGCCACTCCCCCGTGGATCGCCCCACCGCTCCACCATAGCGATCAGCGCC  
CAGTGCCTGTCCGCCGAAGGTGCCGGAACGCAAGCAGTGGCTCGATAGAGGTACCG  
CAAAGCGCTCAAGCAAGGACGCTGAGATGCGGGCCGAGTTGACGCGTCGTGGATG  
GCTATGCCTAAGTCGTAAACCAGCGCTCATTGAGCCAGAGCAAAGAAGCATCCGG  
CAGTCTCCACTGGAAAGGGCAGCAGGATTGAGGTGCTCACGCTGGCAAGGCTCA  
ACAGGTTGGGTCGTTATCATCCATGTCCCAGTAGTCATTGGCATTTCGCTTCC

TTGTTCCGCAGCTGCGACTTAGCGTCGATCGCGTTGGTGTGCTACCAACCT  
GACGGCAATTGCTTGCTGCTGGATTCCCGAGGCCACGGGACATCACTTCT  
GCATGGACAGTCAGCATAAAACGACACATGGCGTGAGGGCGTAATCAGATTGGA  
CAGGTCTTATTCTTGGTATAACTAATATTATGTAAAAAGAGCCATGGTG  
ATCCAACGTGGAAAACAAATTCAAAGAAAAATTAAAGAGCAAGAGCGCACTTA  
TGGTTCTGCTTGAGAAACCGTGCACACGCTGTGCGTCGGTGCCTTC  
GCCACCTCGTTGCCTATGCTCGCTAGGCAACACAGCCACTTCAAAACCTCGTGT  
AAGGTCTCTGTGCTGAGTCGACTTCGCTTAACCTCGACAGGGATGTTCTGCGCTTCT  
TTGTGTGCTCCACAAACAAACAGGAGTTCACAAATGGCGATTATCACGCAACAAT  
GAAGTCTTCAGCCGAGGCAATGGCGACTCTCGGTGCGAGCAGCTGCTTACCGCGC  
AGGGTTGATCTTCGATACGAGCACAGGGCTGGCCACAATTATTCCCACCGAGG  
CGGTGTCGATTCCATCAGATGCTGCGCCAAAGGAGCGCCGAGTGGTGCTTGA  
TGCAGTATTTGAAACGCGAACGAAGCGGCCAGGAGACGCGCAAGAACGCACCG  
TTGCCGAGAAGTCGAGGTGTCGCTCCGCACCAACTCGATCCACAACAAACGGAGA  
GTGCTCGCTTGGCGCTTGGCCAATTGCTGGTCAATCGGTTCAAGGTCGAGTATTG  
GTCGCTGTCACACACCAAGCAAATATGGTATCAGCGCAATCATCATGTGCATTG  
CTGATGTCAGCACGACAAGTCGGCCAGGAGGACTGGGGAGCGCGCTGCGCTGA  
GTTGATGCGCACAAGCGCCGACACGAGCGCTGCGCAAATCCGCAAAGACA  
TTGCAATGGTCATCAATGCGACTTGAAAAATGCGGCAATGCGGCTCAGGTAGAT  
CATCGCAGCCTCCGAGCACAAGCACGAAGCCGCGCAATGGAGAGTTGAACG  
CGCCCGCGAACTCACGCGTCGGCTGGCAAGCAGCACTGGCAAAGCAAAGTGGCG  
TGATGCGAAACGAAGTTCACAGCAGAACGACTCAGAGGGCAGGTGGCGAGAACG  
AGCACTGGCGCTTCAAAGCTTGTGCTGAGCACATGAAAAAGCGGGCGCTCG  
TGCACGAAGTGCCACCGTCTCATAGCCATGCGACAGCACTCGGGATCGGCCAAC  
GCACAGGCTCTGGATTGGACGGCGCACAGCGTTGGCAGACACGATTGTCAGG  
CGCAGAGCGGGTGCAGATCAAAGAGCGCTTGGCGCGTGCAGCGCTCG  
CGGGTCTCTACACGCCCTACAGCGGTAGACCCGACATCTAGTCGCGTACCGCT  
TGGCTCGTCTCGGGCCACAAGACGCTGAGGTGCTCAATGCGGAGGCGCAAATG  
ATTGAAGATTGGCTGAAAGCCAAACGAGCGGTGGCTCAGCAGTCTCTGAAGTCTG  
CGGCAGATCCCAGGATCCAGATTGAGCCGAGTTCCAGCGGGCACTCCACGCT  
CGTTGCCGGCGAGCGGATAGCTACGCCGCGAGCGGATAGCTACGCCACCA  
AGCCATTCTTTGAAGACACCGAGATGCTGCTCGCTCAATCAGCAAGTATGCC  
ATGCGCTGGTGCACCCCTACAAGGCGCGTGGCGTAGATGCGCAAGCCAAG  
CTCTATGAGCAAGAACGATTCCGATACGAAAGCGGTGGCCAGAGCACAGCG  
CTTGGCGCGAACGAAGAGGCATGTTCCCCGCGCATCCAAGCGATCCAGCAGGGC  
GGATCAAGCGGGCTGAAAAGCGATGGTGAGGCGGCTGAGGACTGGAGAAGAA  
CTTCGCTCCGAGCCGATTGAGCTGCTGACGCCGAGGCATCTGGAGAGGACGCACT  
TCCACCGCAGGCCAGGGTGAGGCAGGGCATTGGAGTTGAAGTTGCCACCGA  
AGCCAAGTCTATGATGGCTCAGATATTCTGACCGTTGACCGCGCAGTAGACTGATG  
GTGCGCTAGGCATTGGCAGAAAGCTAGGATTGTCAGGATGTTGCAGGATGTTGCCAAATG

ATCGGAACAATGCCGCCGCCATTGGCACCCGGCGCCGAGACTGAGGCTTCAACGC  
CAGCGACAAGGGAGCCCCGATCGGGGCTTTGCTTACAGGTCTAACCGCTTG  
TCTTTCTACTGAGGCTTGGCTAACGCTAACGCTAAGTCCGGTGCATGAGCAATCGT  
AGCTATTGGCCTCTCGATGGAAAAGCTGTAATCCGTCGATGATCCGAAATAGTGG  
CAGCAATAAAAATTGGTATCATACTAATAACAGCTGAAACCGTCGCTGATATGAG  
AAAGGATGAGATCTAGCAGTCGACTACTATTTATCTGTGTTGCATCACTTACACGG  
TCTGACTTGTGATAATGTATCTTAAAAGATAGAAGGTGCGTGAATGGATAACGAGA  
ATAAATTGAGCAAACGCTGAGCAGAAAGTATGGCTGATAATGAGGTGGCGAA  
AGGGTCAGGGCGATCAAGGATGGCTGACGGAGCTGCTATCCGCAGAGCAAGTCTT  
GAGTAAAGTTCTGGGTGGGAGTAATGAAAAATTAAAAAGTCGAATAAAAAAATCTT  
GATATAGTTACTCCTGGATTGGGGGTGTGTTGATGCCAGGCTATACCGTTAGTT  
TGACCCCTTGTGAGCGGATGTGAGTAGTTGGAGTTCTGAATTAAATGGGATTC  
AAAGGAGGAAAGAGTTAAAGCTGATGAGCTTCTGTAGTAATATCGTAATAATC  
CAAATTGCTTAAGTATTACGGTGAGGCAAGGCCTATAAAATTGTTGTTGTTTA  
TAAGCCAGAAGGTGGCGATGGTATATGCGCTGCCGCTGTGTTGATCATGATGCGA  
ATTCGATAATTAAATTCTTGCACGGACTAAGGAAGAGGCGGGAAACTTGGCTC  
GCACTCATTCTAAAAGCTAACCTCTTAATGTCTGGGAAAAATTAGCGTGTATCGC  
ATTAGATTGCCACTAGTAATTCTTATCCTCTGGTGGATAATGCCCTGCGCGGGAC  
TGCTGTATACAGCATGGATTAGTACGGTGCTGGCTTGCTACTGGCAAGCTACGT  
AAAAATATAATTATTGAAAATCCTGTGGATCATATTGTAAGCAATAAGTGGCTG  
CATGGCGAAACCTTGCCTCGTGATTAAAAACAGGCTGAATCTCTGTATCTT  
ATAAAGAAGCTTAAGTTACGCCGCTTATACAGGATTCCATATGGAAAT  
ACCGTAAAGAACATCCGAGATAACGCTGCTGGAGTTCATGGTGAAGATCTCTGAAT  
TTGGTATAAAATGACGCCCTGGTCAAATTGCTTCCATGGCGGCTGCCACCTG  
TGGGCCAGTATTATCTGGATAGAGTTATCCACACGTTATGTGCAGAGGTTG  
CTAAATCTCATGCTTATCGTACGGTACAACCTCAATATTAGCATATGGTAATT  
CCGTTGCTCAAGATTGATAACAAAGGCGCTTCTCAGTAATCAAAGTAGACAAA  
CCCACGGCATGAAACTGAGGTGATTATTCAGGCTGGCGCGTTCTATTGTA  
GTGTCTATAATCAGCGTGCATTAAAATTATGAATTGCTGCTCCATTAAATGGCTGG  
GGCGTGGGTTGGTTGAGGGCGTGGCTGCTTATTGCGAAAGCAACTGCTGTGCTGA  
AACAAAGAAAAGAAGCTTGGTCGAGTGTCAAGGTGCCGATTATCCAGGGAGGGG  
TGAGCTCGAGAGCACACAGATGGTTTAACGGCGCAAGGGCTGGCATACGAGCG  
CAAACCGCAAGTCTCTAATTCCAGGTAAACGGCATTGAAGCAATAATCGCAGC  
CGTTTAAGTCAGGCACCTATGCTTACGGGTGATTGGATCAGAATCAGCTCGG  
GAGCGGATCAAACGTATCTGCTATTGCCCTCGATGATGTAGCTTGGTGAAGCTG  
CATATCCTTCCTGAAAGAAAGACGCTATGCCCTAGGTTAGCTCAATGAGCTGCC  
GAATTGCTGGAAATTATCAGGGCGACTATCTAACTTGTAGAACACTCAACAGGA  
CGCGGCCGACTGTTCTTGTGTTAGATCAATGAGTTAGAGTGCTGAACGTTAG  
TCCCACTCTCCGCCAAATCAAGGCGCGTTGCTGACCACAGCGTTAAGATT

CTCGAGATCCGAAGATCCGAGAAGGACGCAAGCCGGACATCTCGACGTCTGG  
CAAGACAGACGCA

>CONTIG\_93\_length\_5047\_cov\_384.138008

GCGATCACGTGCCACGCCCTGTATTCTTGATACGCATCGTATGGCCTATAACAGT  
CCAGCTGGAGGGGCCACCGCGTGCCTGGGGAACACTGATCTCGGTGCCGAAGTCG  
CAGATGAGACACTCGGCATACCAATTCTGCCATCGAACCGTCGCGCTGTCGACT  
GCGAACCTAACAGCTACCTGGTAGGTCTAAGCTGAATGGCGTGCATCAATTCTG  
CTGCACTGCTTACCTTCCGGACGCTGCCCTGGCAGCGCAGACATTGAGCTCAACCA  
CCGCCCATGCAACCTAACGCCGTTGATGCGCAGGCCTGGCAATGCAACTT  
CTGTTCAAGACTGACCGCAAGAGGTTAGTATCGCAGCAGCTTATGTGTGGCTATGG  
CCTGCGATTGCGCTAGGCCAGCTCGTACGATCGAACGAAAGATGGAGTCTGGAC  
CGGCTACGCCCTATGGGCTTATCTGACGCCGAAACCGCTAACATTAGTTCTGCA  
AGATCCCCGTTCTGCCGATTAGTGAUTGGAACGAAGGTGATCAACTCTGGATCCT  
GGATTTCGTGGCTATGCCAGGGCATACCGACGCCCTGGCAAAGCACTACGGCACC  
GCTTGCGCCCTCACTCAAGCAAGCGATCGCTGGTGCAGATAAGACGGCGCT  
ATGCTGGGAACCAAGACTCACACACTCGCAAAGATGGCTGAGGAAGACACGTTGC  
TTCCTTGATACGAATGGACGAACCGAACGGCTGGACTGGATTTGTTCCCTGGCTCGGTC  
TGGTTGCCTTATCCGCTGATGGCAGCACCTAGGCTATTGGCTAGCGAAAAGTC  
GTTTCGATCGCAGTCATCGGTGCCCTGGCTGGACCGCACTCCCTACTCCCTCAA  
TTCCTATGGGCCCGCAATCTGACCCAACGTCATGCGCCGGTGTGGAAAGCACCATG  
TCGCACCGTCAAGGCTGGATTGTCTTGTCTCGATCATGGTCGCCCTCTCTCCCTGG  
GCCTTGTCCCTGAGCGTCGTCTCCGGAGCCTCCGCTGGTGCAGCTGCATCG  
CAGCCCGTTGGCGGTGCGAGCCTGGATGCCCTAGTCAGTCGATGCCCTGGATCGAAC  
AAGAGGGAGTGCACCAGCAGCCAGCAAGCTCCCTACCCGCTATCAATTGGCTAC  
CGCATTGCTCTGCTGCTGAGCGACGGACTGGTGTCTGCTCGCAGCGCGCTGTCC  
TGGCAAGTTGCTTATGCACTCTGCTGCCCTGATGTTGGTGCCTCTGCGGAACG  
CTCTTCTGCGATCTCATCCGATAGCGTTCTACCCAGATGCCGCGCTGCGAAG  
AAGCAGGGGTCTCCGCTGATATCCCTCGACCCCTCCACGCTCCAAGGATGGATCGCG  
GTGATCGTCTTCATGGCTGCTACGTCTACCGGACATTCTCTGGTCCATGATCA  
ATCCTTCTTCTATGCCCTGGCATTGGAAAGAATGTGGTGGATCCCTGCATATCTG  
GCTTGGCATCCCAGCAGCCTCCCTCGAATTGGCTGCAGGCACTAGCTGAAGCG  
CATGTCCTGAGCACGACCATCCTGTTGGCGCAGCTCTCCAAGTCCTGCCCTCCTC  
GTTCTGCATTGCTTCTGCCCACGAGCAGTCGCTGAACGTCTGCTTGGCTAGCGTTA  
TTCTCAAAACCTGCCAGTAGCTATACCGCATTGGCTACGCTTACATGTCAA  
AGCTGGTCACGCTTGGACGAGCAGGCGAGCACTACGCTGGCTAACCAAGCTTCTACT  
CCATCTCGGTAGGGTGCTGCCGGCTTTCAGGCCTGCAGTGGCTTATCTCACCAAC  
GCTCTATGGACAAAGCCAAGGCTATGGCACTTCTCGTGGCATCTGCCCTGACGTG  
CATGCCCTGCCCTCGTACTCGCTCATCGGAACAACTTGAAGGAGCGACC

CGAGCCGTAAGTGCCATCACGCTATTGCCTGCAATGGCTGTCTGGCTTTACGA  
GAACATGTAATGCTTGAGCTATTATTCACGCCGATCTAATGTCTATCCACCTA  
GCGCTAGCCAATTAGATGCCTAATTGGCTAGGCCGGCAAGCCTCATCAGTTGAC  
GTCTTGAGGCCAAGCAAACACTGCCCTCAAACACTGCCATTATACACTGAAG  
TTTCACCAAGATTAGTTATAGAACATATGGAGTGAGCGCAAATTGCTGATCTTAGACAC  
TTCATAACAGGCCCGGGAGCTAGCTCATATACATAAAATTCACTCCTTATCGAG  
CTCAGGCCGGACCCTGAACCTCAATAAAAGAGATCCCATACTGATCCCGGTCTGA  
ACGCATTGAGCGAAAAGCAATATTCAAAGCTGACTGAACCTGATGGAAA  
TCACGGAGTCCAATTGCGAAAGGTCTCATAATTACCGGTTATTGGGATCATAG  
ATTTACCAATCACCTCATCCAAACTTAGTTCTGAATCTTATTTCAGCGTGTGCG  
CCGCACTCACCACCAAAATAGAACCAAGAACGTCAGCTTAATTAGAC  
ATACCAATTGCCCTCGGAATTAAATATCTTACAAATGCCATCAGCCGCTGGGG  
ATGCTTACTATCCCAGTAACCTCCATAATATTGCTCATAAGTAATGTCATCAGCGC  
ATTGGCGGGCGTCCCATTACATCAATTGCTGCCATTCTGAAAGACTGCCGAT  
TTGCGTTGAAGCGGCATCCAATTATTGACCGGCAGTGTAGGCCTATATGTCGC  
GTTATAGGACGCTACATTGGCAGGATCTGCTGGATATTAAACTACGCCGCG  
AGAAAGCTCTCTGGACAGCGATGGAATAGATTGTTGCTCACCTCAGTAGCTAA  
ACCCATATTGATTGCTGATGCTCGACTGTGACTGTGTTCCATTCTCCATCAAACAAG  
GTGTGTCCTAACCTGTCGACTGAGCTGCAGTATCGCTCGGGTAGCATAAGTC  
TTGATGTATACGGTCCGCCGCCCCATCAGCATAATCGGTACGGGAATAGGTATCC  
GTAGTCTCTATCTGGAAACCCCTCGATTGTGCCACTGAACCAACCCTCAGGGTT  
GCTGACTTGTAACTATGACGTCGACCTCTGCGCCTAGTCCGTCGTATTCTTGT  
CCGTTGGATTCGGAAGTCCGCCGCCAGTCCGGAGGTGTATCGGCCCCGGC  
TGCTCAACTGGCGGTGAAGGAGGAATAGTCGGAGGCGGACTCGGAGGTGGACTCGT  
AGGTGGGTTAACACAAATTGGTGGAACTCAGTGGCGGCTCGCTGGATCGACGTC  
CGCAGCGGCCGCTGCACCTGCCACTAGGAACAGCTCTCGTTGCAATTCTCTCAT  
TACAGCGCTCCATCCTGTGAGTAGATTTCCTGATCGTTTCTATTGAATGTT  
CATATCTCTTTCTTGAACCTATTGATAAGCGTTGTAACCTCTCATTGTTGACT  
GGACTTCTCAGCCGTTCTCGGCCCTCGCTGTCAAATTGCTGGCTGCTCTTG  
ATCAAAGGCCCTAGGATCCCACCCACAAAGAGATAGTCGATATCGCACATCCGAGA  
GATGTTCTGTCGTGCGTCACGATGACTGTGGTCGCGCGATGCTCCTGATGTTCTC  
ATCAGCTGTATTCCCATCTGCTCATCAACCCAGTCGTTGGCTCATCCATCAACAAAC  
AACTGGTGCCTGTAAAAGGCTCTGCCAAGAACGATCCGTTTTGACCGCCT  
GACAGCGTATTCCAAGTCGCCACTCTGGTGTGAAGCCCATTGGCATGCGCTGA  
ATGTCGTCGTGGATACGCCAATTGCGCAGCCTGCACGAGACGTTCTGGTCAATG  
TGCTCATCGAACATGGAGATATTCCGACAGCGTTCCGACAACAGATTGTCCTCC  
TGCATGACGATGCTGACCTGCTCCGGTAGCTGACTTACCGACCTGCGCAGATCC  
TCTCCATTGACTAAGAAGTCCCCACTGAAGATCTTCAAGCCCCGCCAGAACGCGG  
ATGAGTGTGGTCTTACCCACGCCGTGAGTCCGACAATTGCAACTTGGCCTGCC

GGGGCCCTGAGCTGCAAGGCGCTCATGATCCACTTGTGGTGGACGAGTAGCGGAA  
GTAGCCGTTAGCAATAGCAATGGCGGGCGCAGCATTCCAGCGCGCCGTACCAT  
GCAAAAACGACTCAGGCTCGCTGGGTGATGTCTGAAATGCCTCTGTGTGCAAAC  
GAAGCAGCCGGAGCTGCATCAAGTAATCGGCTAGATTGATGCTGCCTGGCTGAAC  
TGGGTCGCGTAGATCAAAAAGACCCTCAGCAGCCCCGACCGTCATATCCCCACTGAG  
CACCAAGCCGGGTGCCCTCCCAGATCACGAAAATGCGGACAGGCCTGGATGAGAA  
GCTGGACAGAATCGAACCAATGCGGATGCGTTGGCCCCGATGGTCGCATTGTCG  
CTTTGCGCTGTAGTCGTGAAGCGCGACGCCAGAGCGCTGACTTGTGAACAGCT  
TGATCGGCTGGATGCTTCGGACCCTTCGTAGAGCAAGCTTGTGGCGTGCATCGA  
TGTTGATCTGATCGAGGTTGGCTTCTTGAGCTTGGCGTAGTAGGCCTAGCGCGAAC  
CCACATAGGCAAGGGTAAAAGCCAACAAGGCGAAGGCAAGCGCGCGTCGTAGCT  
CATCAAGAGCAACACATGAGGAAAGACATCACCCCGTCAATGACCGCTTCCAGCA  
TCTTCGTCGTGAGTGACTGCTGGATGGAGTAGA

>CONTIG\_94\_length\_5016\_cov\_6.603191

ACCGGATTCTCCTGAGATTATAGAAACAGTTCTAGATTGGAGAAGCGCAAGGC  
TTTTGGGCCACTATTTGCTGCTTCTGCTTAATTGATGGAATCAACGAGGAG  
CTTGATCGACTTCGAGAAATTGACAAGATTAGCATAATAGTGGCCCCACCCCATTT  
ACATTGACGAGACAAGCGCTATATATAACCACAACAATAAGGGAAATGAGCAT  
GCACAACAACAGAGACGGAAACAGAAAATTTAGAGCCTATGCCATCTCTGCG  
CTGCAATTCTCGTGAUTGGCCTCTCATATTGCACTGGAACCAAATATCGAATGCAC  
TACTAAAATACTGTTCCAATTACTATAACTAGAGTCCCAGCCTCACAAATTATCGGA  
CGTTTCAATAATCAATTCTGCCAACTCAGCATCAGCAATTCTGGCACATTCTCT  
TGACGTATATCATAAGCCGAGACCTAAAATCGCGACTCACTACAGCACCCTTGCC  
ACCAAAAGTATTCCACTTAGAATAACCACATTAATTAAAGCGGAGAACACCTTCCA  
CTTGGATTGGCGATAAACAAAAATAAAAAATAGATAGAGCCACCCAGAAACAAA  
AAGCATTTTCATTAATCCAAGATTACCAAACCAATCTGAAAGACACGATGCG  
AGACGAGAAACGTCTATAATTACAGAATCCCAAGCCACTCATTAACAGTCTCCT  
TGTATTTCATAGACCAGCGGATAAGGTTGAATTCTATTCTCCAATAAAATGAAAA  
TAATGGGACGAGCGACGAAGATGCTTTCATGAACCAGCCTCAAGCGCATGTC  
TCACTGCTGCAGTATGCACATAGGCCACTTACCCGTGCTGCAACACTGCACC  
TCATGCCGTGATGAAGGTTGCAATGCTCCATTAGGTGCATCACGCATTGGT  
GCTCTCTGTGGAGATACCTCAAAACTCTGGCTGCCGCTGAAGAACCAATTGAGCA  
AAGATCACTCTGTCAAGAGCACCAACAATGGTCCTATGCATTCTAACGCTGCAC  
GTCGAGCGAGCTGGGGTAGCTCCTAGGCTTGGGAAACAGGGTATCCAAG  
GTCGCTCAGCAACGGTACCGCCGACCAAGAAGATGGGTAGCGTGTGGTGTG  
GTGTTGTGCATCACTACAAGTGCCTCATCACCCTGTCCTAACGAGATGGC  
GACAGCTCGCGCCCGATCTGAGTCAGCACTCAATCGCAAACACTGACGATCACTCGCG  
CTTGCAGAGATGCCAGAGCGCTCATCGCACGCGCAGTTCTCACCATAGATTGTA  
TGCAGCGACAATTGAATTCTGGAACTCCTCTCACAGCTCAAGTGCCTCGCCA

AACGCGAACATGACGATTACCACTAGGCGTCCGGAATGCAGATACCAATCCCACAG  
AGGCTCAGGAATCGTGCTTCATCTTTGAGCCCTTGACAAGCGTGCCTCCGGTG  
CCGGCAAAATCGTCGGCGATGACCAAAATAGGTTCACCGTCCTGTGCTGGGTACATC  
CATTGCCCATGTCATTAGCAGCTCAATCTTCAGCTTGCAACTCGATTGACCT  
CTCGCGCCGTTGTGCACCACCTTGCTCAGAGTCAGATATCCAATGCCAGAT  
TGTGTTACGTGCCTCACGACCTCCAACCCAACTGGCGATGGTCTCGGTGAG  
CCTCAATCATCTCAGCCATGCGCTGGTGGCGAGTGCAGCGATACCATCATTGATGA  
AGCCGCTTCCGCAAGCCTTCAAAAGAGTGAAGGCCATTGATGCGATTGTCAT  
CGTCGAACGTGCGAGCCAGGATCGGATCTCCGCCACGTCCTCTGCTTCAAAGA  
AGAGCAACTCTGCGCGCGCAAGCAGATCCTCTTCCGGATTGCAAACGGCACT  
TCTTCCATGGCGGTTCGAACGCGGCGACCACCTGGACTTCGGCTTGAAGCAGC  
TTAGCGTCGTGCCAGACCGGAAGCAGATGTGCAATCGCGTGGCACCTAGCCACTCT  
CGAAAGATGGGGAGTGAGACCATCCATGGTCTCCCGCGTTGTTGATGAATGATG  
TGTGCTTCATCAGGCGGGCGATGCGCTGCGAAGCGTGTGCTAGCGCGCTGC  
TCCACGCGTAAGCCCAGGCTGTCCTGTGCTCGATAACTCTCAATGCTTCAAAGC  
GCCCCCCAAAAGAGACACGCAGCAAAGTGCAGATACTTTCTCCGCTTGCATTG  
CCTTGTATAACTATCAAGGACTGGATTATCTTCCCAGAAATGCGAAAAGTTGCAG  
GCCCGAGCGAGCTGAGAAGATGCTGACGAACACTGCATACGCATCGTGTGATATCAATG  
TAGGTGCGGAATTCTTCAGACACCGAACGATCAATTGGTAGCAGAACGTATGCAT  
GTAGAACGGATTGCCTGCCGCATAGTCGATGATGAAGTCGATGCCCTCGGAGCTAA  
ACTCGATTGAGCCCAGCGGATCAGCGATAAGTGCAGCAGTCCTCTCGGCTTG  
CGATGCGATCAAGTCGCTCATTGATCCACTATTGAGATCTGACTGGTGTGGTAA  
ATATCTCGTCCATGCGCTCGCTGCCAACGAAGAAGAAGGTTAGACCCGCTTCCGAG  
ACAGAGCGCAATGCCCTGATGAAGTGCCTGCCACGCTACCCGTATATAGAGACGG  
ATCCAAATCATCGAATTGTCATGATCACTACGAATTCTGATCAGGATGCGCCTC  
GACCAAGTCGTCTACGAAAGGAACCGAGCCTACCGAGACCTGCACCGAACTCAGCCT  
CCTCGGGAACGTCGTTATCGACATTCTTGCTAAGCGCGTGGCAATCAAACCG  
CGATTGACCTTCGTAGAGCAGAAAGTTCTCCATACGAAGGAGAATGCAGACG  
GCGTCTGCGCTTGTCCAATGTTGACTGAGAACTTGCAAGCAAGGATGTCTTACCG  
ATGCGCTTTGCCAAACAAATGCGACGTCCCGCCATTGCTGCATATTGAAGA  
GCGCTCAAGGTCCCAGGCGCTACCGTAGAGACGCTCGGGCGTTGACGGGATTGAT  
GCCGTACGGGCTCTCCTCTTCAGTGCCTCCAGTCCGGCACGACCATTGCTGCTCG  
ATCCGAATCCGCTCCTCGAACACCAACCGCTCAGCGCCGGTTGCTATTCCAC  
GCAACCGGGATCTCGATCATTCCACGGCGTAGCGACTCTGAGCGAAAGTCGAAC  
GATGCGCTTCAACAGCAGGGATCATGAAAGGTTGGCGGGATCGACACAAGCAA  
GCTGGACGTCGCCCTCGCACGTGGTAGGCCACACCTCTGGCCGCTCCCTTCCATT  
GTTGACCAAGGAAAACGATAAGTGCTTCCACTGACTCACCAACAAGGTTGCCT  
AGTGTGCGAGTTGCGTAGTGCAAGCTGCGGGCGAGCGCCGTTCCCCCGCAAGC  
TTGCTTCTTCAAGAGACTAATGAGATGGTCGACCACCGGCTGGGTAGCTCGCGAC  
AGACTCGGCTCTGTTGGATCGTCATCGCGATGCGTCGCTGCACATTG

CAAATACTCAGGTGCCCTCGGGATAACTCCGCGTCCTCGTCCGCTCGTACGCTTC  
ACAGAGCTTGCAGGAAAGCCGGGCCTAGCAGGATTGTCAGGTGCCAACCATCTGCT  
GGTCGTCAAGCACCAACAGCTTCTTAGGCGGCCAACGCTTCAGCAGATCTACTG  
CAGCGATTTCGCAGTGACAGGTGTAGAGCGCTGGAACCTGATCGCTGCCGATGAG  
GCCTGGGAGATTGACTCTCAAACCTGGCAGAGGAATTGATCGCTCTGCCGGA  
GATCCTTCATCTCGGCCAAATGCCTCTGCCAGCCCCGCTCTGATGTTGAAGCAAAT  
CCATTGACTGCATCGCGCAGGTCTCGCCTACATTCCCATAAGCCGAAACACGTTG  
ACGAATGCCACTGCGATAGCTGTCTGGGAGAGACCATCAGTAAGCGTTGCAAGCTC  
ACGAAAACCTCTCAGGAGTCTTGAAATCCTGACGGAGAGCTCCAAGCCAGCACCG  
CTTGGGCTAAGCTTGCTCAGCCTGGTGCCTGTCGGCATCCGAGCGCTTGCAATCA  
AGAGTAAACCGACTGTGAATCCATCGCCCGATCTCGCGCGTCAGCAAGCGCTCT  
AATTGGACTGGGTTGAGCTCTCCAAGCTTGGTAAAGCAGATCCCCCTAGCCGCT  
TGCAATGAGAAAAATGCACTGAGACGAGCATTGACGCGTATGTTGAGCTCCGGTT  
CCACTTGGCTTGCAGCGTTCTGGGAAGATAGGAGGTTCCGAGGCCTTGTCCCTGCCA  
ACGCTGTGCCAGAACGAGATCCGCAGCACTCAAACCTTAGCCTCATCCTGACGAA  
ATCGGCACGCCATTCAAGATAGCTCAGTTGCCGTAACTGTTGGGAGAGTCAGGAAGC  
GATCACCTTAACCTTTCGCGAGCAAGTCTCGAATCTGAGTCCCAGACGTAGACTC  
GTCCGCTCGCATAGTCATTGCCGCTGCCATAAGTCCTCACGAATGCGACTGGAAG  
GGGTGGCGGTCTCGATCAGCGCGCTATCACAAATGCCCTCGCTTCAGCCCCCTCAG  
GTGCGTTCCAGTCCCACGAGAAAAAGAATAGGTGTCTGTTCTCGACCTGGTGCA  
ATTCCGGAGACAGCTCGCTGCAAGCTCAGTCATCGAACGGGACCATAGCGCTTA  
GTGCGAACTGTCATTGGTCAGATATAGGAGTCTATTTCAGTGCCCAAGTTCCA  
TCCGCCAGACCCACCCTCTGCCAGCGGCTCTGAAAGCGCTTGACAAAATCAA  
GCAACTCGTCCCTATGC

>CONTIG\_95\_length\_5015\_cov\_67.990998

ACGCATAACCACTGCTGCAGCAAATGAATCCGCAACATCGCCAGTGCCTATGGCT  
GCCGACCAGGGCGCCCCGACACCGGATAGTGCAGCGCAGATCAGACCGAGCAAGTGC  
TGCCACGGAACCACCTGCTCCATCTCGGCCAGAAAGATCTCGCGCCGGTCTGCTTG  
CGCTTGCCTCAGCGTCACCGAACGTCAGTTGCATGGATGATTCCCTACCC  
TGTGGCAATAGTGCAGCATTGCTGCTGTTGAGTGCCTCGAGAAGTCCCTAGCTGATAC  
GTAAATCGGAGCTTGCATCTGCTGCTGTTGAGTGCCTCGAGAAGTGCCTTTTATCTC  
AAATGCACTTATGAGCCACGACCAAAACGTATTAATTGGTTTCGTTAGGCTTATT  
CCAGCTGAAAGTAGGTTGCAACCGATATGGGGTGCTTGGCAACAACGCCAATAT  
AGAGCATCTTGGTATTGAGAAATTCCGTATGTTGACCAATGGATTGAAAGTC  
ATGAGGATGTGCATCTACAGAAACCAACCGTAGGTACATGCACTCCTATGACAAC  
GAAGAATATCTACTGCAGAAGTATGGGCCGCTTATGAAGCTGGTTGACGTTGCCGCT  
CTCTTAGGGCGTTCTCCGACGGAATGCGTGTAGCGCTGTACTCGAATAACGAGGTT  
TCTCGAAAGCTCAGGCCACAATGTTGCGTGTAGGGAGGCGAGTCTACTTCCGAACG

CTTCAAGTCAAGGACGCGTTACTTGACGGAGAAGTAATACCTGCCAACAGCGTC  
GCAGGCTAGTCTGGCATGAGCGAATTATCAGCATCAAGCGCCGCACCTACTCGGC  
AGTGCCAGATGACATCTGACCGATCATCGAGTGGATGGACGGCGCTGTTGTCCT  
ATCCTGGATGCTAGGGAGAAGTTCTGATTCAAATTGAATATTGGCATGTACGTA  
GACCTCAAGTTGAGCGAGCAGCAGTGGCTCGCGCTCGGGAGAAATGCAAGCTG  
CTGGCTACTTCAGCAAAAGCGGGTGCCTGATTGCAAGGGAAAATAAGTGGTTG  
CAAGTTGTTACAGATACACCTAACGACATTGCTACGACTACGTCAGACCCTGAA  
CCATACCCCCAAAAACCGGGTATGGCGTCCAAGCCATGGCGACTCATCCAATGG  
CCTGTCAGGCCTGGTAGACAGGGGGTAAACCAAGTGTAAAGTAGTACCAAGAAGA  
GCAGTACCAACTTAATTGAGACTATTGATGAAAAACCACTACAACCCACTGCGTGT  
AGGTATCAGCGTAACGAACCTGACGACACAGATGCAGGTGTCGGCTGGAAGA  
GAACTTGTTGGCCGCACTCCTAAACACGCCACAAAGGCCTGCATTGAAACTGCTG  
ATGGCTGAAATCGACTTGACGAAGCACAGGTTCTCTAGACGAACCTACCGGAGTG  
CTTCGACCAACAGCATCAAGACCACCCAGAACGTTGGCTAAGAGCCATCGTTCG  
CGCTACGAGAGAGGTGAATTGAGCCGGCTGGAGTGGCGGTATCGGAAGCAAG  
AAGGAAAGCGAGCGAGAAGAAAGCGATTGAGCCAGTTCGTAGCCTCAGCGATCAT  
CACCAGGGGCCAGCAAGCCGTACATGGACCAGATAGGTGCAATGCTTAGGGTAAA  
ACGTAAAAGCTAATGATCACCAACGACGCCTGATAAATCTTATCTTCGTAACCTC  
GAAGACTACTGTGACAGTCTGAAAGAAGAGGGAAATTAGGTGATCTTATATGC  
CGAACGAAAGAGGGGATACGCCATGCGTATCGATGACGGCACCGAATCCCAGTAA  
TTGTCGATAGTCATGGCATGCAGCTATGGTCCGCACCGTCGATCAGGCCTGGAAG  
ATCTGGCGGATGTGCCGTATTGAGCGAAAATCTAATCATCGTCCGAAGCAGCTGGT  
AAAGACGATACGTTCCAAGACCCCTGGCTGAGTTGCCCAAGAACGCTCGTGCCTG  
ACCGGGTGCCTGGCTGAAAAGAAGGCCCTGACAGCCAAGAACAGAACGATGGCCGCAT  
AGTCAGCCCACGCCATACAGGCCTGGCTACGGGGCTAAGCCCTCCTGACCCCTG  
CCGGAACAGTCGGCCTCGTCCTCCTAACGCAATAGGAGTGGCACTCATGCAAATCAT  
CAAATCGCTTCTCGCCGGCTGCTCATGTTGGCGGCTATGCAAACCGCGCAAGT  
CCCTGTGACGGTCACCTCAGACCTACCTGCGGTACCAATCAAATCGAAACAATGGC  
GAAGTGGAAAGACGCAGTACGATCAAATGGTCGGTCAGCTCAACCAAATGCAGAAC  
AATACGAAGCAGTCACTGGCCCGTGGCTGGTCAGATCATGAACAAACCCCTGCG  
CTGCGCGATTACCTGCCATCCGATTGGCAGAACGTCTACGACTCTGTGCGCAGCGGC  
GGCTATAACGGGCTTAGTGGCAGTGCAGAACGATCTACAATCAGAATAAGATCTA  
TGACGCTGTGCTCGGTGCCACAAGCCGATGCGCGCACAGCCTGCCAGGCGGG  
CCGTGAAGCCTCTCAGGACAAAGCCTCGCAACAGCTGCATATGCAGCGGAAAAA  
TCACGCCTGGATCAAATAGACTCCTGATGCGCCAATAAACCAGACGCAGGACCC  
AAAATCTATTGCTGAATTGCAAGGGCGATCGCGTGGAGCAAGCCATGATGCCA  
ACGAGCAAATTAAACTCCAGCTTTCAGGTAATGGCACAGGCTGAGGACAAATT  
CAGGAGCAACGTCAAAACGAGATTGACGAAAAATGAATGCGCGCGCGGATTTC  
CCCGTTGAAGCCGGTCAATTCTAAGGAGGTTATGCTGTACTCATTGAGCTAAT  
GCTGATTGCTGGATATATTCAACTCCCTATTGCGTTCTGGCTGTCAGTCCGAAATT

GGAATTCTCGTTCAATGATGCCTGCGCGACGCACACATGTTTGCTAGAT  
ATATGCGGAATTTATTGCATTATCTGCACTTACTGGATCTGTACGGTACGCTTG  
GAGTATCTATTCCCTGGCGTCGAGAAGATCACAGACTTGGAAAGCAAGTATAGTAGCG  
TTCGTGTTGACAGCGTCGTTATCGGGCTTGCCTCATAAATGGCATAGCGCTTTC  
TAGATGCCACACGTGCCGGCATGCCAGAAGCGGACTAACAGATGGCTGCAACACGC  
CAAATCATCGTTGCTCGGAAGTTCCGCTTCACTCGCAAATGCCGCTCTACT  
AAGAGAATTAAACCATGAAAAAATTCATCTATGTGTTTCGCTGCCCTTCTTGGC  
TGGTGCAACAACAACGAGCCAACCCGCACTGTCGCAGATTCAAAGCCGACAAAG  
AGCAACGCAATGCGGTACTGGCGGCCTGCAAGAATAACCCCTGGCGAAAAGTCCCTG  
ACGCCTAATTGCGTTAATGCGGATCAGGCTGAGACCAGAAATAATGAATGCAAGGCG  
CGGCTTACCCCTTAAAGCCGGTAAAGTTCTAGAGGACACAGCCATGTCAGATAGT  
ATGATTTTCAGTTCATAGGCACTCTATTACAAACGCGATGGACGTTATGTAGAG  
TCAACCGTTCCCGCCTATCGAAAAAATTACAGCGACTGCGGTTCTCATGGATCG  
CTTACTACACCATAATTGGAATTGATCAGCCTCGGCCGCTTGAGGGGCCATT  
TCCCAACTTATGGTTCTTCGGAAATTGCTTGCAGGTTGCGCTCGCATTGAGCG  
CAGGCACTTACATGGAATTGCTAGTTGCGACCGGCCATGATCTAGAAACTGGACTAA  
CGCAGGCAGTCTCAGGAGAACATGGTCCAATCCACTACTGTTACCAGGTTGTAG  
ACCAGTCGGTCTGCAAAGGCCTGGATCTGGCACAGGAACATTGGAACCGAGCTTCC  
AATAGAGGGATGACCAAAATGGCATGATGATCGGTGAATATTGAGGCGATAAT  
TATTGCAACGGCAACTCTTCTATTGCCCTGCCGGAGCAATGATTGTCGCT  
AAAACGCTACTTGAATTACTCTAGGCATCGGGCCGCTTTATCATGCTGCTTATGT  
GGCAGGCTACCAAGGCATTTTGATAGGTGGTTGCTGAGGTGCTAACACCATT  
TGCAAATCGCTGGTAAGCGCGGTTCTGGCATTGCCATGAAGATCTCGTTGAGG  
TGGTTGGCGCAACAAACATTGACAGATTGGATGCAAGCCCCTTCGACTGCGTGC  
GCCTACTCATCATCACGGTGGTATGCTGTGGCTTATGTATGTCGCTTACAGAAAG  
GAGCCGCTTGCAGGAGGCATGACATCGCAGCGATTACCTGGCGGTCTGGCA  
GCTGGTGCATCTGGATTGGCTCCACTGTAGTTGGAGCGGTTAATGGAGCGGTTAAT  
CCCGTTCCACTCGCCCGATCTGGAAATCCGGCATGATGGTCACGGCAGGACGAACC  
AATCACTTGTGCCGGCAACACGCTGTGGAATCCCGGTATACGCAACACGTGCTT  
GATAACGTCGGCAAGAACTGGGTCGAGCAAGAGGCGCAGCGTCCAGGGCGAAT  
GATGACACGGCCCCGCTCGGCGGGTTTCAGTGGGGCGTGGTTGAGCGGAC  
GGAAAATTAGTCATGACTAAAAATGACCGATCACAGCGGCTGCAAGCGGCGAAG  
GCGTCAAGAACCAAGGGCAATAGCTCGACGCCCTGACTGTTAAGGCGAAGGGTCC  
GGTATGGCGGTGAAGCTAGGGAAACTCTGAACAAAGCACAGCAGATGCGCAGAC  
TATGTGCCACAGAGTGAGGAGTCATCCAT

>CONTIG\_96\_length\_5005\_cov\_16.195572

TGGCAAAGCCCTCTTGACGAACAGGCCCGCCGGTGGCGACGGATGTCGG  
GAGGTTAGAAACCGCTAAGAGTCGGCGGGCGTATTCCCCGAAGGGTGTGTTATT  
GCCGCCCTCCGACGCAGGCATCGCGTGGTGCAGGCCGCAAGACGCTGCAGGCAC

AAAAAAACCCACCAGGTTGACGGAGGTGGGTACCGCTCTAGAGGAGTTCTACGCTC  
CTTGTGGTAGAGATTGCTGCCGGTTGTTGGATGTCAACTGCCGTGGTGGCAAAG  
CACTGATCAAAAGCCACAGGGTCTCGCCGTTTCAGATGAGGTACGAAAATAACTCT  
GGACCCCTTATCCAAACATTAATGCTTGAAATGGATACCGCTCTTAATGTTGG  
CATTGAAGTACGTCCCTTGGAGTCGGCGTCATAAGCCCAGCATGCTCGCCCTCGG  
GAACCCCTGAATATTATACAGATCCATCATTGAACACTCTATCTAATATCTGGCT  
GTCGGCATCATAGCCAATTGAGCTGATGTTGCTGAAGTAACGGGATGCCTCCAT  
AATATCGTCTCCTCGGTGAAAATTAGGCTTCTGAATCCACTACCTTTCTGTACTA  
GCATTGGGATCTTGTGCGCCAAGCCTGGACTAGAGGCCGTAATTCGTCTTA  
ACCGGTTCGGTCCATCCTCCAGACCTTATACGCTGCCACCTCGCCCTGGGACA  
ACGACCATAGGATCGTCGCTTCCGGACGTCGCCACGATCAATGCCTCACCACTCGGAGA  
GCCCTATTGGCATATTACTGCTCGCCACGATCAATGCCTCACCACTCGGAGA  
ACTGGAAGCATTGAAAAGATTCCCTTCAGATTGTCGATGCGCAGGACGTGACTTGG  
GATCGATCAGAACATCATTGTAAGACGCAAGGCACAACCGTACCGCACTGTGAAAG  
AATAGTAGTATCCACTTCGGATGGCGCTGGCTGACTAACATCAAGCCAACGCCATA  
TTCCCTCCCTCTTTGCTATGCGTCGTGCAACTGCAGCTCTATTATCGATTGA  
GAGCCAAGGTATACATGTGCCTCTTCAAGAACAAACGAGGAGAGGCCGCTTGCC  
ACCTCTTGCTTGTACCCCCAAAAATTGCGTCATAAGAACATCGAACACGGC  
CCCTATCAAATCATCCACAAACAGCGGCAGGAATGCCTGATAAACATGAAAACAGAGA  
TAGGCTTATCTGCGCCTATCCATGCCTCAAGCAAAACATCAAGATCAGCGGAGTTG  
CTCCATCCTGTGGCGACCCTGGCCAGGGCGAAAAGAAACTGCATGCGTGG  
TCACGAAGCTTGTCTCCAATCCATCTAAATGCGCGCGCATGTCTCCATACAAA  
CCTCCATATACTTTTCAGCACCTGCTCGTAGTGATGGGCGGAATCGCGACGA  
ATAAGTTGATCCCGTCACCAAGAGCTTGACGGGAGGCAGCCATCCTCCATAT  
GCTCGCGTGGCTTAGTTGGTTGATTGCTTACGGTGTGAGTTGCGCTATGCA  
GCGAATACAAGTCGTGCCACAGTTGATAGACGGAGAACGGCAGCGGAGTGTG  
GTGACCATGGACTCTGGCAGGCCATGTGCAACACCTGCGGCCCTTGACGCGCGTTG  
CTTGAGAGCAGCCTCTTGCAACAAGGTCAAAGGTGTCCCTGAGACCGATCCCATT  
GTTATTGAAATAAATTCTCGGCCGTGAGTGCCAAAATGGAACATGCAGCTATGC  
TCACCTGTTGCGTATCGGCTCCAACCTAAATACCTAGCTGATGCCAAAAGCC  
CTTGCCTATTCTCCGTGAAGGTCAAACAGTACGACACGCGCAGACTAAAGCGTGT  
TGATCGGAAACTGCTCTTAAGAGATTGCAACCGCATTGACTTCTGAACCGGTA  
CTACCTACAACCGCAGAGTGACGAGTAACAAGTCGATTGATGCTAACATGCG  
GATTGACTCTGCACTGGCCACTGCCACTGCTACATATCCATCGTCACCCGG  
TGCCTACACCGTTTCAGATCCGACTCGGTTACTACGTGAACCGAGTCGCCGATAGA  
GGGGTACTGCGCTATGCCCGCTCAAATTGCTCGTGTGCTTGCCTAACAAAG  
TTCAACTCTGAGGCCACCGATTGCTTAGCTGAGGGGCAAGTTGGCGGTCTGGTGC  
AGCTCCGGCACCGACCTGAGATATCACTCCATACAGATCAACATATCCTGCAGGAAT  
TCGAACGAAGCCCCGACCTGCCAACTCGGTAAGCCTCGCCTTAACGAAAAGAA  
GACCGCCGGAGTACTCTGAGAGCTTACGCTCACGCTAGAACCATGACATCTT

CCACGGTTCCAAGCCGTGATGGATCTGGATTACCGGCTGGTGTGCATCGTAAATT  
CCCTCGCCGCAAAGCTGTTCAAGAAAAAGGCCAAATAGTGGAAATCACCTAACGCG  
GCTTCGCGGTTGCTCTCCTAGAACCATCCCCAACCTCGATCTCTTCTCAGTGAGC  
CAAGGAATGTGCTCGTGTGCCGATGGTCCGATTGATAACCGGCCACTCGCGTG  
CCTACAACGGCTCCATCCAAGCAAGAACAGTGAGATTGCTTGCTTATTGCATAG  
TCCACAGCCCTGAGTGCTGCGAAGGCCAGAACATACAGCGCAAAGCACTGAGC  
ATTCCGATTTCTCTCAACCCATCAAGCAAGACTTCGTTCAAGTGATCGTCAAGGAA  
AGAATATCCACAAACCACATCTAGGAGCATCCTTCATGGAAGAAGGTCTTAG  
TCGATCAAGCATAGCAAGGTACGGCATGCGCGGCTTGGTACACTTGAGATGAG  
ATGGAAATATCATCACTTACCCGCCCTGCCTCACGGTCACACGGACGACGCCGG  
TTACTTCTGCCCATTACGACTTCTCGTTCTCCTCCAATTGATTGATCCGTGGAGT  
TTCCACAACCTCGTCCACCTAGAACGGATAATATCGTGCTCGATCGAGGCCAAATCA  
AACCAAGGTTGTGCGATCCAACGAATCCGTAAAATGCGGAAGCGGATGCTGCTC  
AAATGCTGCTCGAAGAGAACATCATAGTTGGAGTGAATATTCAGCAGGTGAGCT  
CCGATATACTCCGCAATCCAAGACGCAAAACGGTTGTATCGTTACGATAACAGTGG  
CAATGGCTTCCGTATTCCGTTGCGATTAGCGCGCAAATTCTCGTCAAGCTCGCTC  
AAAGTCCTTTCTGCATGCCAAAATTCTCGCCTCGCGGTGTGCCAAGGTAC  
GCAGCTCCGTAGCACGCTTCTACGGTAGGTTCTTCATCTGCTTGTGCTTCATTC  
TTCACACAATTCCAGTGTCTTGAACCTCGACGTAGACCCCTGGTGTCTCATCT  
GCAGACAACAGCCACTAGCAATACGTTCGTCAATTCCGCAACCGCTGGAATCAG  
CACGATGCTACTTTCTCGGCATCATAGACACCTAGAGGGCAGCCAGCCCCAAG  
GAAACAACCTATGCGCTGCTGTCGTGAAGTACCGAGCCAAAGATTCGTGCTG  
CTGCGCTGCATCGTGTATGGCGTTAGAGGCCTGCTATTAGCGTAGCAGCAGG  
TGATGGACAGCTGCATCGCTCGTATTGAATTTCAGGCCACGGCTTCAGGTTCCAT  
GTTCTTATCGTTGAACAGGACAGAGGCCATAAGGCTCAGGCCCTCGATTGCGACC  
GCGATTCTCTGCATCCTACTAGCTGGTTCTGTGCTACACCGTACGACAGAGCGCT  
GCTGGCTAGGAATATCACTAATTGTGGCGCCGATAGTGGCAGTACCTGCTTGAGCT  
GCGTAGGTATGATGTTGTAGGGTGCGTGCACCTCGCGTAGTCGCCGTTAGGT  
TGGTGGTGCAGGCCAGGCTCTGCACCTGTCTGGCGGCCATGACAAGCGTCTCG  
ACGCTCCATAGGTTAGCTCAACATTGTTCTCCCCCTGAAGAAATCTGTGGCGTTT  
TTACGGCTGATTTAACTACAGCGTGTGACTGACTTAGCTGATTTCCTCATCGGCCCTTGG  
GCACCTCTCCTGCAGGCCAGGCTGAGTGGTGTGGTGTGGTTATCGACTGTTT  
TCGCGTTGACGCCAGGTTGGAGTTGGTAGCGCGAGATTATTGTTGAGGTCGGTAA  
TCTCTGGGACGTTGCTTCGGTACCCACACGCAATTGCGCGGCTTGTGTTGCC  
GTTGGTCAGGCCAGGCGTACCTCGTGGTAGGGTTGCAGATTGCGTGGTGC  
GAGTGCCGGAAACCCACTCTTACCGACTCCCTCCCCGCCATCCTCCAGCACCAC  
AAACCCGGCCGGCGATCGCATGCCAGGCTATGCACGGTCACTTCGATAGCGT  
CCGCAGTCACGCCACATGCCGTGGCGATGCCAAGTCCGGCGCAGTCGACC  
GGGGTGGTGGCTGCAATCGTTCAAGCTGCAGGACGGTGGTGCAGGGCTGC  
GGGGAA

GTCGATGTCGATGGAGGCCTTTTCGAAAGCGAGCTTGCCTTGGCGTTGCT  
GTCGAGCTGCCGTCTTCTTGCACGCCCTGGGTGATGCCATTGGCCCGGG  
GCGACGTTCCAGCCGGCATGCTGGCGCTGAGGTTACTGGAGGTGTTAGGC  
ATGACGGTGAAGCGGTCTGCTGGGTGCGGGATGGCGATGGCTACTGGATGGC  
GCCCTCCGGTCATTGAAGCGCCAGCTCACGGTGTGGCCGGGTAGGT

>CONTIG\_97\_length\_4903\_cov\_11.550042

TTCGGTCCCTGGTCCCCGCGTTCTGGGTGTGGCATCTTGGCGCTCTTCTTGGAAAG  
GCTGTGCGCTGATTGCGCCGCAATATCTAAGACTGACCATGGATCAGGTGCTCAGCG  
TCAAGGACGATGGTCTGGTACCCACATTGGCTATCGGCTTTCGATCGTGCCTCTGG  
TCCAGCTCGTCTTGACCGTTGCCAGGAAGTGGACCTTGCTGTGGATCTTCGACCA  
CTAGCTTACGGTGGAGCAGCAACTTGTCCGCCACCTCGTGTGCTATCCCAGTCGT  
ATTTCGTAAGCGGCACACCGGGATATTCAAGCCGCTCCAGTCGATCTACTCCA  
TCCAGCAGTCACTCACGACGAAGATGATGGAAGCGGTATCGATGGGTGATGTCT  
TTCCTCATGTTGCTCTGATGAGCTACGACGCCGCTTGCCTCGCCTGTTGG  
CTTTCACCATTGCCTATGTAGGTTCGCGCTACGCCACTACGCCAAGCTCAAAGAAG  
CCAACCTTGATCAGATCACATTGATGCAACGCCGAAAGCTTGCCTACGAAACG  
GTCCGAAGCATCCAGCCATCAAGCTGTTCAACAAGTCAGCGCTTGGCGTCGCG  
TTCACGAACTACAGCGCAAAGCCACCAATGCGACCATCGGAGCCAGCGTATCCG  
CATTGGGTCGATTCCGTCAGCTCTCATCCAAGGCCTGTGCCGCATTCGATC  
TGGGAAGGCACCCGGCTGGTGCAGTGGGACATGACGGTCGGGTGTTGACGGT  
CTTTTGATCTACGCGACCCAGTTCAAGCCGACATCAATCTGGCCGACTACTT  
GATGCAGCTCCGGCTGCTCGCTTGACACCCGAGCGCATTCAAGACATCACGACAG  
CGAGCCTGAGTCGTTCTGCATGGCAACGGCGCACTGGAAGACGCTGCCCGCCA  
TTGCAATTGCCAACGGCTATTCCGCTACTCGTCTACGGACAAGTGGATCATGAGCG  
CCTTGCAGCTCAGGGCCCCGGCAGGCCAGGTGATTGCAATTGTCGGAACTCTGGC  
GTGGGTAAGACCACACTCATCCGTGTTCTGGCGGGCTTGAAGATCTCAAGTCGG  
GACTTCTTAGTCAATGGAGAGGATCTGCGCAAAGTCGGTAAGTCGAGCTACCGGAG  
CAAGGTCAGCATCGTATGCAGGGAGACAATCTGTTGTCAGGGACGTTGCAAGAGA  
ACATCTCCATGTTGATGAGCACATTGACCAAGAACGCCCTCGCAGGCTGCGAAAT  
TGGCGTGTATCCACGACGATATTCAAGCGCATGCCAATGGCTTCAACACCAGAGTC  
GTGACTTGGAAACACGCTGTCAGGTGGTCAAAAACAACGGATCTTCTGGCCAGA  
GCTTTTACAGGCGCACCAAGTTGCTGATGGATGAGCCAACGACTGGGTTGAT  
GAGCAGATGGGATCCAGGTGATGAAGAACATCAAGAGCATGGCGCAGCACGGT  
CGTCGTACGCACGACAAGAATATCTCGGATGTGCATATGCACTACCTCTCGT  
TAACGGGAACCTGAGGCCCTGATCAAAGAGCAGCCAAGCAGCTTGAACAGGACA  
ATGCAGTGGAAACAGCTGGAAAATCCAGCCAAGGATAAGTAGTAATACTTGAAAA  
GTAATTCAAGAGAGAGAAGCCTTATTGCGAATCAAATAGTAGAAATGATTGGATCAA  
AATTAAACGCACAGGATGGAGTGCTGTAATGAGAGAGCTAACAAATCGAAGAGCTAT  
TCCTAGTGGCAGGTGCAGCAGCCGCTGCGGACGTCGATCCAAGCGAGCCGCCACT

GAGTTGCCCGGTGGTCGTTAACCCACCTCCATCAGAACCAACATTGCCGCCA  
ACACCGCCAGTTGAGCAACCTCCACCACCGCCACAAGGTGGAGGGAGGGCAACGA  
TGGTGATTTTGTCCCGCTGGCTGCTAAAACAGAACGATAACGCCTTATTGA  
TAGCGTCGAGGGCGGGCAACAGCTAGATGCATATGTCCCCACCAATAACGGCGTGG  
TCATAGATCAGAGCGGAGTAAGTGGCAACTGGAGTCGATTGGGTGCCAAACT  
ACCGAAAGCCTGCCCGCTAGGTGTGGATCAGCGCTTACTACGTTGACGCC  
TACCTTCATCTAACAGGACAAGATGCGCTGAATGCCGTTAAAACAAACCCCTCCAC  
ATCACCGAGGCAGGCAGATGCGTTGGATAACGCAGTCGATCAAACATTAAA  
TACGGTTGTTAACAGCTATAACAATTCTTCGATTATGCTGACTTTATCAGCTGCC  
GGTGGCGTCCAGACCGCCATCGCAAGTGTGCTTACCAATACGCCCTGCCCTGCC  
ACAGCAACCCCCAATTCTGGACCCAAGTAACAACACGGGACATTGGCAAGATGCTGT  
TACAAATCTGAACGATTCGGTGATGCGTATGATACAAGGCGAGACAGGGAGGCC  
CCCTTATTCAACAAGATATTACGAACGGCAGCGTGGCGGTAAAGTGTGA  
CTTATAACGTGAGGTTGGAGATGAAGGCTAACAAAAGAATTGCATCAATTGCAATA  
ATGATCTTTCATTGTGGGAAGCGTTGGCCACGGCTGCGCTGCCAAGATTAAT  
TCTGCGGTCTATCGGCTACTTGGTCAGTCAGCAGGTGACTATATTATCCC  
AACCATGGTGAGCAGTTGGGAGGCTTGAGCGGTCCACCCAAACAAAGACGTT  
GATGTGGGAATGGGTGACCTTAATATCCGGCTGCCGTACAAGAGCTGCATTGA  
GAAAGGTGCAGTTGCGATCAAGAGTGATAATACGGCGAAGCTGCTGGCTCATC  
ACTTTAACGCAAGCCGACACCAAAAGTCGGCGCTCTGCTCAAAAATCCC  
ACTTCACCTTATTGTGCCAGGAATAAAAGAGCCTCGACGAGAGATTCTGTT  
CTGAGATGGGACATGAATATGCCAGATGCTACTTTGAAACGGTCACGTTGGAG  
AAATGAGGTTGCATGCCAAGAGTAAGAGGCCAACAGAGGTAAATTATCTTCAAG  
TGCTCGAGTCTGCCTAGCTTAATTCTATGTGAGCCGGCTGCAATGGACTGTTAT  
TTATGGGCTGCATAGGAAGTAAAAAAATGATGTTGAAGGAAAGGAAAGCGAAC  
AGCAATTATCAATCGAAATATTGCAGGGAGTGCTGTAATGAGAGAACTGACAAAC  
GAAGAGTTATTCTAGTGGCAGGTGCGGCAGCCGCTGCGGACGTCGATCCAAGCGA  
GCCGCCACTGAGTTCCACCAATTGTAGTTAACCCCTCTACAAGTCCGCCTCCAAC  
TCTTCCCCCTCGCCGCCAGTTGAGCAGCCAGGTCCGATAAATCCCCCAGGCC  
GGGTGTTGGCCTACACCTCGCCAGCAGTAGTGAGCGGGCTGGAACGGTGTGGA  
TGAATATATCAATAAAAGCGACGCGGTTAAAGGATCTGGCTCTAACGGGAGTGTGAAAGCG  
GCCAAATCTTATTGACGACAATTACGCCAACACTTGGAGGCTGCAACAAATTC  
TTAGCCATGAGCTATCATGTTACAATCCTGTTGATTACGGACTCCAGTCCTAG  
CTTGGAACAGTATGTGAATACTTGGCTAACGCAATGAAGCTGGCTCATTGGTTTGA  
GCTGAATTGTCAGCCAAGTCGAGCCGACGACGCTGAATCAATATCCAGCTGAAGT  
CACAAGCATTATAACCAAGATAGGGTCGACATTGACACAGGAGCAAGCAATGAGTC  
AGCTCGCGACGTGGTATGGAAATCAAGATCATGGCGGAGGGAAACGGTAAACAG  
TATTATGAGTCTGTATACAATGGTAAGTGGACTGAGAGGGTGGTATTATGAAAGCGTTAA  
ATTCTATAGAAGTAAATTAAATTGAGTCTGGACTGCTGGTTTGCAGTTGCA

TCCCCGCAGGCATACTGTGCCGAAGAGCGAGTGGAAAAACTGTCTCCTGTTAAT  
GGGGGTGGTTACGTCAGCCAGAGCCAGGGTGAAGCTCTGGTGCAGACGCCAAAC  
GTCTATCCTCAAAGATGAAATGCTTCATCGTTATTATAAGGTCTCATTGCGCCA  
TCTTCGAGATAAAAGAACCTAGATTGGCTCACATCGAGGAGACGCTAAGAGCCA  
GGAATGGACAGTGGTCGCTGTGCTTTTTAGATTCTAAGATGGAAGGCTG  
CGAGAGATACGATAGTTATTAAAAATGGGTTCTGTTGAAAAATGCGAGAAC  
CCAGAGCGTCAATCAGAGGCGCGTCTGGACTCGCCCGCTATCCTGTCCAAGGGG  
CCTTACGTATCGATATCCACTACTGATGTGACTTCACCATGCCTTCTCACTGA  
CGATTGTGGAAGAAAAGAATTATCCAAAAACTCAGCATTGACAGTCTAGTGAGTGC  
TGCCAGAAGTAATTATTGATTACTTCGATGGCAGTAGATGCGCTAGGGACTGGCTA  
CTATAAAATGGTCGTTCAGATCTTGGATTAGGGCCTGTTAACACTAATGGCCCGA  
GCGATTAAACTATTGGTCATGGAGATCACGCCAGCACAAATTCTGTATCGAACAC  
TGCCTGCCGGCGCAGCGCGCAATGTCAGCATGACCAACCTGCAAGTGGTCAACGC  
CATCCTTACGTTGCCGAGCATGGCTGCAAA

>CONTIG\_98\_length\_4902\_cov\_228.312042

GGAAGATCTCCCGCGAGTCTGCTGCCAGGCCCTCAGCGTACCGAACG  
TCAGTTGCATGGATCACTCCTAACATGGGGTAGTGTGCTTATCTGCGGTGCGTT  
GTTCAAGAGGTTCCCTAGCTGTCAGCAAGGTCAAGAGGCCCTGCGCTTGTGCG  
TCGCTGCCCAAGTCGCCAGATATGCTGGAGGTGGGAACCAGGTCTCGAGCGC  
CATGCGCGCGCCTCGGGCACCAATGCCGCTCGATTCATGCCACGAACCTGG  
GCGAAAATTGCTACAAGCAACGATTGCTCAAGGGTCAGGCCTGCGGACCA  
AGGGATGGGCCATTGTCCTCTCCCTCTGGCGCGACCACAAGCAGGAACGCC  
AAGCCGGAATCTCGTCCACGCGCAGGCACAAATCCATCCAGCGCAGGATGTCGA  
CACTCCGCGCGCTGTAGAAGTGCCTCGATAAAGGTTGGCTGCTGACCGCTTC  
CAGCAGTCCATACTTCATCAGTTCAAGCAAAGTAGCGCGCACCGAACAGATGCA  
TGTCCAAGGCGACGTCACTGCTGGAGTTGCGCGGATTGGCCGTGTCATGT  
CAGAGACCGTCGCGCTAGCGGTCGTTCTTCATTACGTCAGGGTCCAGTC  
AATGCCGGAATGCAAGCAGGATCCAGCTCAATTTCGGACTGTGAACCTAAATTC  
TTCTCGTCGCGTGGTGAGATTGAGGTGCTCAAAGTCGCTCCGACTGGAGCGCCG  
ACTTCACCGGCCATGCCACCCACAAGGCCACGATTCAAGTCATGAGTCAACGG  
GATGCGCTGGCCAACGCCAGCAAACGAGGTGGCGATCGCTGGTCTGAAGGATGG  
CGACCGTATCGGGACCAAGGCCAGGTCAAGGTCTAACGATGACCAAAAG  
TCATGGCGATGGCTCGATGTTGCCTGACTGCCCTCAAATCCAGTTCCCGCAGG  
GCCTCGTATCGGCAGATTAAAGCGCAAGCGATCCACCAAGGGCAAACCGCCACA  
AGGGCAGCCACCGGAGGGAACGGAGAACGGCCACGTCGGACTGCAGCTGCAA  
TCGATCCGCTGCCGCTGCCAAGGCTCGTGAAGCAGTTGCCCCACGCCGGTGGTGT  
TCTGCTGCCAAATTGCGTAAGAAGCTGCGCACATCGCGCTCGCTGCCGATCGG  
GCGCGAACATCACAGCGCCGCTCCTGACCAAGCGGGTGACCAGCCAGCGCATGTC  
AGCCTGCTGCAAGGCGCTAGCGCTGACAAAGCTTGAGGGTGCCGCAAGATGGCCT

GGAGCCGGTGCTTCATGGCTTCCAACACTCAACTTCTGCTGAAGCTGCTGATGGAATG  
CTTGAAAAACGCGCCCCTCGGGGGTTCCAGCAGCTCGTGTGCCGTTCAATAGCG  
CGTCGACAATGGCGCCACGATGCTGGCGTCCGACACGATCGCATGGCGTAAGCGA  
AGATCGGCCTGCGCCAGGAATCTTCCACACGTCGAAAATCTGCCGAAGGCTGGT  
GGCAAGCGCATACTAGTCTCGCGCACCTCGGCCGTTCATGCGCTCTGCCGTCTC  
AACACGTCATCTCCCGCTCTAATTCCCTCTGAAGACCCGAATCTGGCACG  
CAAGTGCTCAACCGGGCTTTGGATCGGGATTAGCCCGCTTCAGGCCGTTCAAT  
TTCGCGCTGCACGATGCCAAGCGTGAAGCCGTCGAGGTATGACGCGATTTCCAG  
TCCATCGACGAAGCGCAGCGCCAATTCCAGTGCATCAGTCGATAGACGCCGCTTC  
GCGTCCACGATCAGTGCAGCGAATCCAAGTCCTCAGCTCCTGCCGCCAGTGC  
CTCGACATGCCCTCGATCTCAAATTGGATCGTCCGGCATGTTCCCGAAAAGAGT  
GGCCAACGCCCTGCTGGCGTCGTCGTCACCCGTTGGCCGCCAGTGCAAAAG  
TGCTTGAGGCACCCAGCACCAACGGGCCAGGCCAGCAACTGCCAAG  
CGGGGTGCTGGTGCCGCCAAAATATAGCTTGCCTGCGATCGACGCTGCTGCGAT  
GCATCCTCCCCCTCCTACTCAGGTCGTCCTGCCCTCATGTGGTAGTTGCCATGT  
TTCTGACCGCAAGAAAAGTCGTCAAAGCGAAGATCGGCTGCCGACTCACTCCTT  
GGCTACATCGTGTGATCCTCGGATGGAAAAGGGCAACGGTGAGACAGAACGCCA  
TGGGCTGCCGGTCCAGTTCAAGCTGCTGTGGCACTGAGGTGCGATGCCCTTGAT  
ACACCTGCAGTCGGAGGGAGGCTGATTAGCCTGTGTTATCGCGGGTTGGGCTG  
CATCGGCCAAAATTGCCAATCTGGGATCGGACTGAGTTGGCCTACCGTGATCGC  
GGCGTTGCCCCGACGTATCATGCGACGGCACAGGCCAATACCGAGGAAGGAACC  
ATGGAGAGCATGCCATTGGGATGGACGGTCGTATCGCAGCCGTCGTCGG  
CCTGATCATGTGGCAGGCCCTGGCGAAGGCACGGATCTGCAGGCAAGGATTGACG  
CGCTGTCGGGGAAAGCTCGCGCTGCCGACGCTATCGAGCGAAGCGGGCGGGCT  
GAGAAGCAGGTGGCGAAGTACGGAATCGATCAGGGCGACGGCGAGGGAAAG  
CCCGCGCTCGCGCACAGCTGAAGAAGCCAGGTTATCCGTGGAGAAGCTGACCGGC  
ACAGTTGCCGAGCGCAGCCGGTACTGACCGAGGTGCGCGAGACCCCTCGAACCTT  
GCAGCGGACCACGGCAACGACGACGGCCAATCTGCTGCAAAATTGGCGAACCG  
ACCAACTTCGCTTGAGCGTAACGGTGCAGGGAGAGCCTTGAGCAGTCGCGCCAG  
GCCCTGGAGGAGTTGCAACGGTCGGCAGCGGTTATCGACGCTAATCTCACCAGCCA  
AACACAGAAACCAACGAGCTCGCCGTGAACGGAGCGACCTCGTCAAAGCCTCG  
ACGACGCCAACGTCGCCCTACGAGATCTGAGAGCCAGCAGCAACCGCTGTGGCC  
GTTCGAGATGCGCGCTCGAAGCGGTTGAGCAAACCAAGCGTTCTGCCACGGC  
CGAAACCCAGATGCGCACCGCTTACCGAAGCGGAGGCCGCTTGTGAGAAG  
AGTCTGCTGTTCTCGACCAGCGGATCAAAGCAAGTGCAGCGCATCGAAGGAGGGG  
CTCGAAACGACCCCTAAGCATTGCAAGAGAAGGTGCCACTTCCAGGAAAGGT  
GGAACAACCTGGGCGGAACAGGCCAGGGAGCATGCCACCGTCGGAACCATCG  
GCGAGTTGAAAGGCCTGAACCAGAACATGGCGACCGCGACCGAGGCCATAACCGT  
GCACTCAAAGGCAACTCGAAAACCCGGGGTGAAGGGCGAACTCATCCTCGATAC  
GGTACTTAAAGCGTGGGGTAGTAGAGGGGAGCAACTACATCTCGCAGGGACACG

GTGTGGATGAGGACAGTGGCCAGCGCGTGCAGCGGACGGACGTGGTGGTGACCTGCCA  
GACAAGCGGAAGATTGTGGTCATTCAAAGTCAACCTCATTGCCTGGAGCGATGC  
GCAAAATGCCATTCTTGGAGGATCAGCAGGAAGCCTGGTACGCCATACGGCCG  
CACTCCGAGCCCATGTGCGTGATCTCGGGACAAGAACTACCCCCGCGCCATGGGC  
CCCGAGACTCTGGACCTGACAGTCTTTGTACCCATCGAGGGTGCCTGTCGTCA  
GCGTTGTCGATCAGTCAGACTTGAGCACCAGCTTAACAAAGCGCGTGGTGT  
GCATCCCCAACACCCATGGCGATGCTCCGTGTCGTTGAGCGGCTGTGGACACGC  
GACAAGCTACAGCAGCATCAGCACCATCGCGAAGAGGGCGAAAGCTGCTGG  
ACTCGCTTACCGGGTTATCGAAGACTTGAGTCTATAGATGAACGCCTGAAGAAGG  
CAGGAGATGCTTACAACAAGGCGAAGAACGACTTAATGATTCCCCCAGTCCGTG  
GTTGCTCGCGCCCGCCGGTTGGTCGGAGCGGGAGCTAAGGGGAAGAACGGCGCTGCA  
CGAATCGCTGAAACCGCTCCCTGGTGGAGATGAGTCGCCACTTCACTCGAGGGCG  
ACACTAACCGTTATTGCCACAGCTCCCTAGCACCCGTGGATATCGAACAAATCAA  
AGTACACGTCCGAGAACGCTCAGTGATGCCGTTAACGGGTAACCGGAAATCA  
CCCAAGGCATAACCGCTATCGAATGCTGCACCCGGTGCCTGCATGACCGCGGGGG  
TGGACGGGCGCGCCGTGCAATAGGCCACCTAACCGATGAGTCGCCGTTGAG  
GTTGCCGGTACCAAAGACCAGATGCCCTGGCTCTGAAAAACGGGTGCCAAGCCG  
GCGCGCGATGAACGACACGTCCCGCCGGTGGCAGATGGGGACGACCGTGCCA  
GCAAGGTCTGCTCGGCCGCACGCCCTGCAAGGCATCGATGAAATCGCCCGCTC  
ACGCTGGCTCGCGCACCGAACGGCGCTGAGCGGGACAATGATCATGTCCTGGC  
CTTGCTCGCGCAGGTGGCAATCTGAAGTGAGACATCTGGATTCCCTCAGCGTGGT  
GTGAGAGCGATAGCCCGCTGGCGCGAGCGGGCAAGGTCAGGGACGGCA  
TGTACGAGCCGCTCGCGTTGGCGAAATCAAATTGTATAGCGTCACACGACC

>CONTIG\_99\_length\_4897\_cov\_5.648847

CTTTATGCCGTGGCTTTGATTGCGCAAGCGCGGAGCGCTTGGGGTCCGGGGCG  
TAGCACCTGGCGCACGCAATGACGAAGACATTGCCCTAAGTGCCTCTTGCTCTTCT  
TTTACGCACTGTTTCAGCATCGAACAAACTTTGAGTGCCTGGCAATTTCGAACCCG  
CATAAACTGACTAGGTGCTTCCGTATTGACTCAAAGACGGAAATATTGGAGAA  
ACGCATGACTGCCACAAGCCACTACCACGACCGCATTGCCGAGCCACAAAGCAGT  
TAGCCAAGCGAACGGAGCTTAGCCAACCAGCGCACGGAGTTGAAGGCC  
AAGCAAACCGCGAGGCAGAAAAAGCGAACGGCGGGCAGAATGTGGCCACTGG  
TCTTCTCAGTTGACGCCATTGTGCTGGACGACGAGTTAGCAGGAGCGTTGCTCC  
AACACTTGGACGCCGCAAAGAAACTCAGTGTAGGCAAGCCCTCGTTGCGAGGT  
GCCACCGAGCCGATTACCAAGCACTAAAGGGCTACGATCTGGCAATTCAAGA  
AACGGGAGACGACGGTGGAAAAAGCGGGACGGCACAGCGCCGCCCTTCCCGC  
AAACGCTGTGCTCCTCAATCGGCTGTCAAGTGTGTCACCTTGTGTCGTGCCAAGT  
CGACGGCCGAAAGGCTCAGATCCTCGTTAAGGACATACGCCCTTGTGAGGTCTTGC  
TGAAGACAATGGCCTGCCTGGGGCTTGAAGCCCAGTCCAGTCACATTCA  
GCGTCTCGTGTGATGACCGACAAGGTATTGTCCGCCATGTTCCCCGAATACACGT

GCTTGCCATGGGCGTGAGCGCTGCGCCGTAAAGGGCCTCCCCACGGCAATAGTGG  
TGGTATCGAACGCTTGGCCGTGTCGACCACAGCCACGGTGTGCTGCCGCTGTTGG  
CGGCATACAGCGTTTGCCTCGACGATATGGAATCGCCCGAGTTGTTGAAGC  
CGGTGATTTCGCCTGAATCGTATTGGTCTTGTGTCAGCAAGCTGATCTGTCGCC  
CTTGAATTGGTACGTAAGCAGTGCACCATCTGGCTGATACGGATGCCCTGGCG  
AGGCTGCAGAAGCCAGTCACTACGCCACCGGGGATCGCTGTCAGTCGAACA  
CCGAGACCGTGCCTGCCGCTCGTTGACATACAAAAGGCGTCCGTCCTGCTGA  
GGGTGGTCAAAGGCCCGCACCCAACGAAAGGTCGGCAACCGTCTAACCGTC  
TGACTATCGATTTGCGACCACGCCAAGCTGCTATCGGAGACGTAAAAGAACGC  
GCCGTTGGTACGAAACACGATGTTGGGGGTGACGTAACCCGATAAAACCGCTT  
GGACTTCCCCTGAGGTACACACCACGATTCCGGCGCTGACTGTAGGACAC  
CACGGCCGTCGCCTCATCCGGGCTGACAGCAAGCGAGTTGTTGCGGATATGCCGTC  
AAAGGTCCACCGTTCTCGGCCGCTGGGTGCCAGCGATACAGCCATCGGCCGCC  
AAAAACCAAGCCGGCAATCGTTTTGTAACAGGTTACCGCAGTCATCCTCCGGTTCTGC  
GCGACTGCGCGCGTACGTTCTCATCGCAGCAATCTGCTGGACCTCACTACTCTGG  
CCGATGGCGACGAAGAACAAATTATTCTGTTACCGACCTATTTTAG  
GTATCTTCTTTGAGGTCTCGCCCTGACCGACTGTTCCAAGGCCCCGGCAA  
CCCCTGAGAGATGAACCTGTCGCGGTGCTGACCAAGTAGAACTGACGGGCAAACG  
AGGGAACGACGCCCTAACGGGCCACAGTCGCCGGAAAGACAGCAAGTCGCTACC  
ACCCAACGGGAGAGGCAACTGACGCCGATTCCCTGGACCGAGCGTGTGTTGATGGC  
CTCGGAGCTACCGATCTGCTGCGTGTGGCCAGGTCGCTTAGATAGCGCAATAGAAG  
CGCCTCGACTTCTCCGGGTGCCAGACCCCTGCTCTCGCAGCAGCCAGTCGGCTG  
GCGCAGGTCCGCCTGGTACCTCGAGGCCTGGCCAGCGGATGCTGGGCCCCCGC  
GACGATCAGCAGTCGTCGTCAACCAGGGCTCGGATGAAGTCCGGAAGATGAG  
AAGGGCCTCCAGGAGCCCCATGTCGAGTTGGAAGTCGGCAGCCTTCGCGCAATTG  
CGGCGTTGTTGGCCACGTCGGCGTCCACGTGAACATGGGGGGACGACTTGCACAG  
TCGGCAAGCAAACGGGCAAGACGTAGTTGCCATGGTCGTGCTGCAGCCGATCCG  
CAGGCGAACCGGACGATCTGAAGGCCGGACGGTAGCTGGTTCAATCTGGCGTG  
CGCCGTGAGCAATTGCCGTGCCTGCCAGCAAGCGTTCGCCCGATTGAGCA  
GCAACCGCTGCCACTCGTCGAACAAACCGCTTCCAGCACGCTCTCAACTCGT  
TGAGCGAGCGCTCGTGGCGATTGCGAAAGCGCCACCGCGGCCGCCGGTG  
GTGCTGCCATGCTGCCACGGCGAAAAGATTGGAGCTGACGGAGGCTGACCTT  
CATTCAATCCACCAAACAGGTAACCTTACCAAGATTACCGTTTACAGATATTA  
GAAGCCGCCCTAGACTCTGCTCGTCCAACGCCCGCTGCGAGGCTGCTGCAATGA  
GCGAAAGCAAACGTGATGCCCATCATGGCGGGCACCGGCCCTGGCGCTCTTCC  
AACCCCTCGAGGCCATCCGGCAGTTCACGCCGAACCTGGTTGCCCGACCATGGG  
CACCGGCATCCTGGCGCTGGCCTGGCCAACCTCCCTCCGCCCCGTGGGCCAA  
GGCCCTGGCGAACGATTGTGGCTGCTCAACATCGGCTCTCATTTGTTGAC  
GCTCTACGCCAGCCGTTGGCTGCTATTTCACGAGGCCAAGCAGATCTTGGCCA  
TTCCACCGTTCCATGTTCTTGGGACCATTCCCATGGGCTGGCCACCACATCAAT

GGCTTGCTTCTACGGCCTGCCTAGGTGGGGAGCGGATGTGCTCCGTGGCGGAG  
ACGCTCTGGTGGTCGATGTGCCATGTCGTGGCCTGCGGGTGCTGATCCCCTTC  
ATGATGTTCACCGCCAAGTCACAGCATCGACCAAGATGACGCCGTTGGCTGTTG  
CCGGTGGTGGCGGCCGAGGTCGCGGCCGCAAGTGGTGGCTGCTGGCTCCCCACCT  
CACGGACGCCGCAAGCCAATACCATGTGCTGATCACCAAGCTACGTGCTGTTG  
ATTGGTGCCTGGCTTGAGCATCTTGGTCATCTTGCTGCGCATGGCGTTGC  
ATAAGTTGCCGACGAAAGCATGGCGCGTCCAGTTGGTGTGCTGGCCCCATCG  
GAACCGCGCGCTGGGATGCTGGTGTGGCACGGATGCCCTGCCATCCTGGCT  
GCCCAAGGCCTCGAGTCGGCAGGAAGCATGGCGGCCGGATTGGCCTCATCAGCG  
GTTGGTGTGGGATTGGATTGTGGATGGTGTGGCTGGCCATGCTCATCACC  
GCGTTATCTCCGGAACGGCATACCGTTAACCTGGCTGGTGGGGTTACGTTCCC  
GTTGGCGGTGTATGCGGTGACGACGCTGCGTCTGGTGCCACGCTGCACCTGA  
CTTCGAGATTCTGGCACCGCGTTGGTGGCGTGGCCATCATGTGGTGCATCG  
CTTCGCCAAGACACTGGCCGGCCCTATGGGGCAACTGTTGCTTCTCCTTG  
CGCTTCGCTCAACAAGGGGAGCTGAGTCATGCTCGCGTGGGCAGCGGGAGCG  
CTGAAGGGAGCGCTCGCTCGCTCAGGACGGACAAGATGCGCTGGGAATCTCG  
GGTTGGTGCAGACCGACAGCGGGCTGGGTGAGGCATGCCAAGAGGGCAA  
AGGGAAAGCTCTCCCTGACACTGGGCATGCAGTGGGACTCGCCCCGAAAAAA  
CAATGGCGTGAAGCCTGGAAAGCGGGAAAGCACGTCCAAGAGCATACCGT  
TCCTGTAGAACTGCCTTTGGCGGTTCTTGGCCTCACCGCCGATGGCAGCC  
GCACTGCGTTCAAAGGAGAGTCTCGTCCCGCAACGCCCTTCGAGAAAG  
CGTTCAAGTTTCTGCGCAGGAACCGGGTTGTCTCGCAACACAAAGCGCG  
GCGGCATGGCGAGCGGGCTTCCAGCAACACCATCACCGAGCCTTCA  
TCCAGCGGGTCGAAAACGGCAGCGCTCGACCACGCTGGCATTGGCCTCG  
CTGGTTGAGGCTCGGACGTGAGCACTGTCGACCGAGCGTAGGACGG  
AATCAGGCATACAAAGTGGAGTGACCGATTTCATAGCGCC  
AACTGGCAGTGGGACTCGCCGTTGGTATCGCTCA  
AATGCACTCCTCGTTCCATCGGACATGCCATGCCAAGAGCGACATCAGAG  
ACCCATGGTCATTGTCGCCCTGCTCCTGCTGGACGTTGCTGCGTCTG  
ATCGCCTGCTGGCGGACCTGGTCTGCTGAATGGCCTGGCTGCTGA  
TGCGCCGGTTCTGCGCGCTGGCGGCCATCGACATGGCAG  
ACTCCCATCCCAGCGCGCTAGACCGCAAAGACGTTGCGCCCC  
AGCCCGCCCGTGACCTGTGAC

>CONTIG\_100\_length\_4869\_cov\_5.448334

GAGCAACCTGGTCAACGAGCGGGCATTGCCATCCAGGTGGTGAGGAATCACGG  
GGCACGACCTGACCTGCCAGCGGCCCTAGGCACACTACGTCAATCCGG  
CGAACGCGCTTGACGCGCTTAATCTCTACGGGCCCTGTGGTTCTGCC  
TTCCGGGCCAGTTGACGTGACGTTCAAGCAGGTTGCCACATCGAGCG  
GAACAGGCCAGAGAAGAACGCCAGACCAAGAAAAGCAAAACCCCG  
GGGTTGGTGTGGCGGGTAAAGCAGTTCTTAAGCCACCC  
AGCCCGCCCGTGACCTGTGAC

GTGAACGTTCGATTCATCCCCGCTGACGCCGGAACTGCCGACGCCCAACCCTAA  
AACAGGCCTAGACGATGTCAAGCCATGGATTGCGGGCAGAGCGCCCCGATT  
CCCGGTTTTCCCTGCCGGCGACGTGGCCCTTGCCTTCTTCATGGTTT  
GCGCAGGTTCTGCCCGCGTGTGTAACCGGCGGCTTGAGAAGTTGTCTGCCGC  
CTTGGCGCGCGCTGGCGAGTGGCACTGTCCATCGACAGTTTAGCGCGTCCCAC  
TCGATGCGCAAGGGGCCGACGCCGCGATATGCTTCTGAAGCAGGAAAAGCCT  
GCACGGGCCTGCCCTCTCCCTAAAGCTTAGCTAAGCTCCCTGCTTGCCCTC  
ATCTTGGGGTGCCTCCGGCTCCCCCGACGATGAAGGGCAAAGTCTCCCTAGGA  
CCTCCGCGGAAGCGGCAGGGTGACTTGGCCCCGTTGGTACCGCCCCGAAGGA  
CGGCCCGACAGTCGGCGCGTGTAGAAGGACTACACCGCTACGACGGATTACA  
CGGTCCAACCGCGCCGGCTCAGGGTCCGTACCAACTATGTGGCGTCTCCCTGTGG  
GCTTGCCCGCTCCCCAGCCGTCGCCGGGAATATCATTCTAGCTGCCATCCTGGGC  
CACAAACCGTTGATAGTCGGACCGCGACAGGGCACACGAGTGGGCCAGCTGAGC  
ACTCCCCACGCCTCTGCGAAGCTGAACTACCTGGTTGGCGCAGGTTGCAGGCCATA  
AAGCGCCCGGTCCCCCTGCTTCAAAGCCTGCGCACCCGGTGGCGGTCAACCCAAG  
CCCTGCGGACTCCCCGATATCCATGTGCGCAGCCGGTCTTCCACCGACAGCGAGT  
TACGGCTACCAACGGCCTCGGGCTGGCAGACAGGGAGGAGAGAAAGGAGGGGG  
GCTTGCGGGTCAGTCCAGGCTTGTAGAGTGGCTCAAGGGCACCGCCTGGCATG  
TCGTAGCTTTACCTGCTCGCCTCCGAGTCGGTCAAACACTGGGGCCATGGA  
TTAAACCTATGACGCCCTCGCGCGATGTCAAGCGGGCGTTATTATTAATGGGA  
GGGAGGCGAACTGTTAGGGAAAGCTTAATGCTGCTTACGTGGCGTATGGCCG  
CTTCGTCCATGGGCCCGCGCACGCCGGAAAAAAATCACGTGGCAGGCCCTCG  
GGAAAAGTTGAATCCCTCAGCGATGACGAACACTCCTGCAACAGTGGTAGCGCA  
GGACGCTTGGCAGGCCGGACGATGAGTCAGCATGTGCGAAGCGTGACCGCG  
CTACTGCCGCTCTCATGGCCCGTGATACGAACACAGCACAAACCACGACGTTGGACCT  
CACCGTCCGACGCCGGGATTGCTGGCGTGTCAAAGCAGTGACGATTGGCG  
ATTAATAGAAGCTCTGTGGTGTACTTATGGCGGGTCCAACGTGCGCTGAAGACCTTA  
AGAAATCACCTTCGGACGACAAAATAATCGCTTTGGAATGACTCGAACGAGTCA  
ATGCGACTCGAGTTCCCGCGCGTGGTCCATGCTGAGGCCGAGATGAAACAAAT  
AGCCATAGACCACGAGGACGAGAGCGACGTTCGCTACACTCTGGATTAGCGCCGCC  
CAGGTGCGAGGCCACAGGTATTCTCATCCTCAGTCGTAGCGACTAAAGCAATCA  
TTCTTGCAGTGTGACCTAGGCAGGCCATAAGCGAGGCCGGTCCGATAGCTGGTAG  
GAGACGGATGTGCTCGTAACAAGGGTTAGGCCGTGCCCCGCCATGGTAG  
CGATACGGCAATGTAGACGTATACGGCAATCATGTCCTCGGGATGCTAGCGCTGC  
CGGGTGTGAGAGCAGCTGGCTCCCCACTCGCAAGAAGATCCTATATCTGGAC  
CAACCGTTTCAGCGGGCGTTCGTGGGGGGAGAGGAACCGTCACTATGCGA  
ACTCGCAGACCACATACAACGCGCAGCCTCGCGCAGTGGTACCATCCCCGCTC  
TTCGATACACGACTACGAGACGCCGGCTTGGAACGCCGGTACGAGACTCTGGAGTT  
CATCAAACGAACAAGCCGTGGCACACATTGAGAGGGCATACAACGTCGAACGCC  
GGCAGATACTGGCAGGGTTAGACGCTGGCTCGCAGGCCAGGTAGCAGCCTATCCG

TTAACCCAGTCCGAGGCCTTCTGAGCGAGTGCACGACTGGGATGGCTACTTG  
GTGGGAGTCCGTACCAGCCAGGAGACAACGAGGCCAGCGAGAGTTCAAGCGC  
AGTCGTTGGAAGGTTGCTAACCTTCGACGGCTGGCGGGCTTGAGGAAACGT  
TTGAGCAGTGCCTATCGGAGAGCTGGCCGGAGCGAAAAGACTTACCTGATGCCT  
TCCTCACCTACTTCACAAGGGTGGGCAAGGGATTCTCGCTCTGCTGACTCTC  
CAATAATCTCGAAGGTGGAGCAGATCGGCATCTCCTCCGCCAGAGCAAACG  
TTCCAAGAATCAATGCGAGCCTGTGCTCCTCTCGATTCCGAGCATTGCGCAGC  
TTCCATTCCAGCATGTGCGTGCTGCTCATGCCACGCTCAGAGGATGGTCGGA  
ACGGCGCTTATGTAATCTGAGCGTGCCTCGCAGGAAAGCTGAGCGGGTTACTCAG  
ATGTGGACCATGCGAGCCTACGCACCATATTGCGATGCCATAGCGTTGGACCAGG  
CGATGGCAGAGCTGATGGGTGAAAGAGGAATAGACCTGGAGCAGGCCTCGGAGTA  
AAGGTGTTAGCCTGAATCACCTCGAAGAGTTCCATGGCTGGTGGACGCCCTAGAG  
GCCGGCGTCACCGATGAACATCGTCAGGCCCTGTCCAACCGTATCCAGAGTGATG  
CCTCTGGTTGTCGCACGCATCCGCAGCTAACGATCCCCGTGTCAGGAAATGATG  
CTCAGCGCAAGAACGCCAGCATCGGAACCATGGCGATGAGCCCAGTGAAGCCCCA  
GATGCCCGAGGCCGTATTGCCCATAGCTGGCCCACATTGAAGTGACCAGCGCTGC  
GCTGTGCAGCCCGTATGCCGTGCGGGTTGGACTCGCTCCGCGCCTCCGCAGCA  
CGCAGGACATCACTGGCCAATGATGAACCCAAAAGGTCCGGTTAACAGAACCGCG  
ACGCAGAACGAAAGGTTAGACGTGCCTGCGGGTCATCACTGAGGTGGTGGGGC  
TGGTGCCTAGTTCATGGCCGTTCCCTGGCGGGTAGCGGGGTGCTACCTTAAGGTA  
GAGACTACCTCAAAGGGAGCGTTGCACTGCTGAAAGTTGGCTTTGCCGGTT  
GCGCACGTGCTCCAATCACCCCCAGCCCCCGCCAGCTTCGCCGACCGGCTGAGG  
CAGGCCGAGCACTGCGCGGGTCGGCAGCCAGCGCGCCTAGGTCTGCTCATGGG  
GCTTGATAAGAACCTGGCCGGCAACAGGGTCAACCGGTATGAAAGCCAAGCGCGGG  
GGATAGACCTGGACGGGCTGGCAAGCTCGCCAGGGTCTGGCGTTCCAATGGCC  
TACCTGGTCGCCAGGGACGAAGCGATGCCGACGCCGCTTGCTGGCGCTGCTCAGTT  
GTCTCCGGAGCAACGCCAACAGGGTTGCGGCCCTGCTCAAGGCCGCCGGGACGG  
ACGACGGGGCGGACTGACCGATTCCGGTGGTCGCACGGCTGGTCCGGGTCTGCG  
GCACTGGGCCACGCCCTGCGTCGGCGCGCTGCACTGGTTGACGGCGGG  
AACTGCTGGGAACACTGCACCAGGAAGTCCGCTGTGGCCAGCTCGAACGCCACCTC  
GCCCTGTTCTGGCTCTGGCGTATCGCGAGCTCCGAGCCTGCTGCTCCTGC  
GCCTCGCCTGCCGCTCTGGCGCCCTGGCAGCCTGCTTCCGGTAG  
GCCGTCCCACCTGCGCAGGCCGTTGACAGGAAATCCGCCGGCACGGGGACGTG  
TTGGCGTCGCCACGCCCTGCGCCGGCAACCGGGCTGTTGCCGTTTCGCTC  
GCCTGCACATGTGCAAGCCGGATTGAGCAGGTCTGTGGACTTGAGGAGTGC  
GCGAGAGGCAGAACGTTGCTCAGCGTGGCGCTGCTGTTGCCGATTGAAGCGACA  
ACGCTGCCACTTGAACATCAGCGCAATCATCTCGTCAAATTAGCGGTCTGCT  
CTACGGCCATGGTCTCCCCCTGCCCTGCCGTGTGTATTTCGTGACGCCGCTCAAT  
GCCGCTGCCCTGCCGTGACCGCCAGCGGCCAGCGGGCGGGCATGG

ATGACCCGGCTTGTGCGCAGCGGGACGCTGTGCACGCCCTGGACGGCGGCCCT  
GGTT

>CONTIG\_101\_length\_4813\_cov\_5.243491

GTTGTACCGATCAGGGCGTTGATACGGTCGGAAGCCGACTGCGACGCCGAAAAT  
CGAAGTCGATTGTGAAGGCCTCGACCGTTGCCACCCCGTCTGAACCTGACTT  
TGAACCCCTGCGCCTGCCGTTCTCGGGAGGGTAGGCGCACGCAGCAATCGTGC  
GCGTCACCGATCGTCCGTTCGGCCGCAAAACGCAACAACGAAACCCGATAGGC  
CTCGCTATCTCGACGCTGGCCTGATCTCGTCGAAACGCGACATCTGAAGACC  
TCTGAAGTACGGTCGAAGACGTCGCGACCGAGTTATAGATCGTCTCATAATAATC  
GAGGTGGCACCTAGCGAACGATGACCGGGGGCAATTCCCTAAAAGGCCGTTTG  
GCATTTCGGTGTAGCCATCCGTTGACCGGCCTCGATGATCTTGATGCTGCCGAGAT  
CATAGCTCTCATCGGCTGACACGTGCAGGGTGACGTGGAAGGTGGTCTTATAGCCAT  
AGTCATCCCAGTTGCTCTGTACGAGTACAGCATGGGAAAGTGATTGGTGTGGCG  
AGTCGCCTGACCTAAATTGACCACAAACCTCATTCCAATCTCCCGCCGCGTG  
CACATACATTGGTACCAACGCAAGGTATCGCTCCAGCCTCAATCGCAGGCGTCTC  
GCCGTTCGCAAATGCCGCTACCACCTCCAGGATGTCGTACGCTTGGTCGA  
CAGCTGCCGTCCCTACCCGATAAAGATCCGTAATCCCTGCCGCCCTCCGGC  
GCGATCCGGCATCGGCCGTTGTAATGCGACATCGCCTGGATGGCCTTGTAAAG  
TATCCGTGAAAGCGGGGGTGAACCCGTCGGTGGGAATGGGAATCAGTGTACTCA  
GTAGCCGTAGACGTGAGCGCATGATCCGGATCATGTGCTCGATGCTCAGGATTTCG  
CCAGACAGCGTTAGAAGAGCCCCGGCACCTCCAACCTGAGGCCGCCATATCAGCCT  
CGCCCTAGGTTCCGATGCGGTCTCGGCCGGCTAGAATGCAAGTAGTCAAATGCC  
AGATCTATCAGTAGGTTCTACTCAGTATCAGCGAGGTTCGCTGTACTCGGTCTTAG  
ATGTTCAGCTGTCAACTCGGAGAGATAGGATTCCATGAGTCAGAAGGATGCGACGA  
GCGGCAACGTAAGCGAGCTCAAGACTACGCGGCATTGAAGAAGCTGCCGCTGCC  
CTCTGGCAGGAGGAGAGCGCCTACCATGGCGCAGCTGTCCTGGTCGGGCTGGCTT  
AGTAGGTGTGGCGGAAGGTCTGGAACCGCGGATGCGCGTCTCCTCTGGCATGAC  
CTGTCCAGAGTCTGGCGAGTGAGCTGAAGACTTCGAGTGGCTCAGATCCGCTGAGG  
CTCGCCGAAGAGTACTGCGCTTACTCGGAAGACAGGCGCTTACGACCTCGTGA  
AAAGAAGTCAACGATCTGCGTGGACGCCAGGCAACCTGCATGAAATTGCTCGA  
GCTTCCGTTGTCAGAGGTCTCACGCCGACATTGGGACACGCTCTGGAGCGTGCATC  
TCGTGAGGTGCATCAGCCGAGCTATGCCGTTCTCAAGCAGCAAGATCTGCGA  
GCGTGCCTGCCCCGATCGTCAAGCTCCACGGCACCCTCAATGTCCTGGATGAC  
TGATTTTACGTCAGAGGACTACCGACGATATCCGAGAAGTATGCGGCTTCGTTA  
ACTTGCCAGGCAGGTCTCATCGAGAATGAGCTGTGCTTGGTTGGCTCTGGCG  
AGGATCCGAATTCCCTCAGTGGCCGGCTGGGTGCGCGATCATCTGGCAGCGAACT  
CAAGAAGGATCTATCTCGCTGGCGCCTGAAACCTGACTGCGGAAAGCGAAAGTAT  
CTCGAGTCAATCAACGTAAGCACCCATCGATCTCGCGGGCTCGTGCACGATTACGAC  
GATCCAGACGAAAGGCATGCAGTTGCCACCGAAAAATTCCCTGAGCGCTTGCTGTAT

CTTCGTCCAAAGCCGGCGTGGGAGTGGCGCCAAGATCGGTACATCGACAGACGCT  
GGGCATGGCGGAAATAGCGTCTGAACCGCGAGCGCCCAGCGCTACCGAACGATA  
TCGAGCAGCAGGCCTTATCCTGGAAGAGGATCGCAATTGTATCCCGCTGGCTAA  
TCTGCCAGAAGCCAAAAATGGGAGCTTCAGAACCAAGACCAGCGTTGATCCATATCCA  
AATCCACGCAGCCTGCTGCGATGGGAGCAATGTGAGGGCCAGGCTCCTCTACGA  
GATCGCTGGAGGCAGCGCGTTACGCTGCAAGCAACACCTATGTGGTGATCAATGC  
ATTCTAGAGATCTGCGATCCATCTCAGCCTGTGCGCTAACAAAGAACGAGCAGAT  
GGAAGTGGCGCTGCTTGAAGAACACCGCATGGTGCACGCTGAGGAAAATG  
AATATATCCCTGAGAGGATGATCGAAATACTTCATGACAACAAAGAACGAGTACTGGGCC  
GAGAGTACAACGAAGTCACTATCACCAAGCGCTTGTGGCGCGCGATAGTTTCAG  
TTCGAGGTGCTAGAGAACGCTCGTTGAGACAATTGAGGAGTCTGATTGGTCTGGAA  
GATCAGAAAGGCATCGCTCTGACTGAGCTTGGATCGTATGAGCGCGGAGAGCGCC  
TCGTGGCGGAGGGCTACAAGCAGCTTCTCGGCCAGACTCGAGCTGATTGAGTTCA  
ATCTTATCACCTCCAGGCTCGCGTATCGGACTGGTTGCGCGGAATTGAGTCTGCTT  
TGAGGCCAGGTGGTGCAGAGCGCTTCCCGCGAAGTATGAAAGCACTAAGTGC  
AGTCCGGTAGGCTAGACACTTGCAACGGGATCTTCTAAAGGAGATCGAGCG  
GCAGGAGGGTAGTAAGCGGATAGAACCTATGTCAGGCCGGAGATAAAAGACA  
AGTCAAAGATCTGACCTCAACAATACCTGCATCCGCTCTGCTGATGGATGCGA  
TATCGGCTATCGGTGGACTCCGTTGCGCTGGCGGAACACTACAGCTTCTGGCTGACT  
TGGCAGCGAGAACGGCGAGCTGATTCTGTCGACAACGTTCAGAACGACCGCACTC  
GGCATCCGGTCCGCAAGCCATGATCAGGCCAGGTCTGAAGACTACGTTCTCTAGG  
ACCGCAGTCGACGCCGCTGCACCCAGACTATGCTCAGGGCTGTGAAGCAGTGTG  
GAGGCGATCGATTATTGGCGAGTGAGGCTGTCCAGCGATCAGACTCATCTCGCGG  
TATGCAATGGAACGAGTCGAGTGTCTGTAAGTGCTCGCTCGGTGTCGGTGAGG  
CTGTTGCCGAGGAAGCGAAGCGGATCTTCGTTGGCTGATCTCTCGCTCAGGCGCT  
CCACAGTTGCCATGTTGGCTGATCTCTCGCTCAGGCGCTCATAAGGAATGCG  
CTTGAAAGTGTGCCGAAGTCCGAGCAGACGGAGCTCTGCTCGATGTCCTGAGCT  
CCACTGAGTCGAGAGATAAGGGCTGGAGCCGAGCGAGCAGTGGCGAATCCGGTT  
CGAGTCCCCGGGCAGCGAATTGAGAATTTCGCGATTGACCGCCGCATTGGCGAGA  
TCATCGATGCGATTGAGCCGTGCTCTCCAGGCAGCGCAGATCCGCTGCTCAGGCT  
TGCCACTCTGGAAGCGAACCTCCTCAACGAGGGCGAGCGCGATCGAATTTCATCG  
TTGTCTGGCGCGGGGAGCCGACGTGCTGCGCTGAGCTGGACTGCTCAAGTACG  
GCTTGTGCTGCCGGGGCGATTGGACCGGGTGAAATCCATGGTTGGCAATACC  
TGTTCGAAGCGAGCGGAGATCAGCTTCAACAGCTCACGCTAATGGACATCGCGA  
ACGCGGCGCGTGGAGAGCGTGGCGAGCTGCCGTAGAACGCTCAGGCAGATGAC  
TATTTCAGAGACTTGTGCGTGGCGTAAGCCAGAGAGCGACGCTTGTGAGGGT  
CTGCTTGAGCGCGATAACAGTCAGCTGGGAGAGGATATCGGAAAAGCGCTTGC  
ATCTGTGGTGCAGCAATGGCGCTGGTCTGAGCGAAGAGAAATTCAAGTCTG  
TGAGTCCTTCACTCTGAGGTTGGATCCAAGGAGGTATCGCTGCCTCTCGCT  
GCGCGAAGGACCCAGATTGCGAGTGAGGGTGGAAAGCGCTATCGGAGGCAGAT

ACGGGAGAAGAACGGCAACGGCCCCGATGTGCATCGCATGCGATCTTGTGCTGGC  
GAAAGGCAGCAGCGGCCAGAACGAGCGATTGGTGTCCCGCCTCATGCAG  
CTGAGCGTAACCACTCGCCTCGCTGCAGCTCTGGTTGGACAGGTACGAACTC  
TACAAGGGCGGATACCTGATCGATCACGACGTTGAGTGTGCTGGAAGCGGTGCC  
CGTCATTTCGAGGCTCTGAGTATCACAGCGTCAGTCCAACGAGTCGGGAGGCTGC  
GGTCGTTCGCTCGTAAGGCTGCTCGCTCAGACTCGCCGGAAGCGGTTGCAAG  
GGGCCAAGACCCTGATGGATGCCTGCGAAAGTGCTAGATCAGGCGAAGCTGGACG  
CGCTACCTGAGGTTCGCTCGCCATCGTAGCGGAGGGGGCTGAAGGCAGGTCGGC  
GCTCGCTGACGGCTGCTCACTGCCACTAACGTCCACTTGGCCAGAGGCCGCC

>CONTIG\_102\_length\_4774\_cov\_13.386271

GGTTCTGGGCGGGTGTCTTGCCAACGCCAGCTCCACCGCCTCGCGTTGGCCA  
GGGCACCCAGCTCCTCGCATTCATAGCTGCAACCACGGGCTGCTCGCCGACG  
TGCAGCGGCCATCCTGGCGAGGTCAATGGCGGCTCGCTGGAAGTTGCGACCG  
TTGAAATCCACTCCACGTCCGCTTGTGCGGTCTGGTAGATGGCGCGGTTGTCC  
AGCAAGTCGGGCCCTTGTGAACGCCCTGCTCATCAACAGCGCTGCCAACACC  
AAGGCCGAGGACGAAGCCGCTGCCAGCGCTGCGGTGGACGCCACC  
GGCCAACCGCCGACGTGCGGGCAAGGCATGGTGACCTCGGATTGCGCGGCGG  
TGGCGTTGCCTGCTCCAACAACGCCGACGCCGTGCGTGCCTGATGACCGCATCTG  
CGCCAGTGGTCAGAAGCCCACCCGACGGTCAGCCCCGAGCAGATGCCCTCTCC  
ATCAACAACCTCCATGGCGGCTCGCCACGTTGGCACGAGGCACGCCAGGTTATGT  
GCGGCTTCCTCACCGAGAACCTGCTGACCTTGAGGATGCCCTGCTCAGACAAGACC  
ACGCGCCCATCGTGGTGAGCATTGCGATGGCGAGCGACAATCCGCTGCGCTGAAG  
CTCGATGTCCCCGCCCTGAATGATGGCGGTGTTACTGACCTGTATCTGGCTGAGCGT  
GGTGACGATGCGCAGCTCGGAATGCGAACAGCTCCCATCCGTGGTCCACCCCGT  
GAAGCCCTTCAAAGCCTGATTGCTGGCGTGGCTGGTAGTAAGCAGGGATATC  
ACGAAAGAACTGGCGAACTCTGGTTGGTTGCGCCGAAACCTCACCTAACGGCGT  
GTTGGTGTAAAGTCATTGTTGATCAATCCGACCTTGACTGTATCGCGCAGCTGCTCC  
ACGCGCTAGCAACCGATCCATGCCGCCGTGCGCCTCCAGAGCTGCCGTGACCG  
TCCCGCGTCAATTGAATGCGATTCAACCGTTCAAGCATGCCCTTGGTATTCCGCTA  
AAGGGCCGCCACTGTGCGCGTCACCCAAAGCGCGTACGCCAGTTGAGGACTAGCC  
GGCAGGAACAAACGGTTCTCAGGCGCATGAATATGAAACTCCGACCCCTGCAA  
CCTTGCCAACAACCGCTGTTCTCAGCGTCTGCTGTTGATGTTGATGGCTTGG  
AAAAGTGTCCGATAGTCGCCATAGATCAGGCTCCTTGCTGCCCCTGTTGCA  
AATCAGCAGTTCACGACGTATAAACCAAAGCCATTGGATTTCTAGGCGTGACA  
ATGCCCGCCGCTCAACGGCCTTGAACGCTCTATCGCAGAACGCGCCATGG  
AAAGACAACCTAAAAACATGTGCGAGAACCCAGCACATCTGCCGGAAAGGCCAGCCG  
GATATCGCCTGTGAGGCGTAGTATTTCCGCTCGAAGTCGTCACTGACCTCGAT  
GTTGAGCGCAGAGGCCTTCGCAAGGCATCCAATGTGCGGACGACATCGCAGA  
GGAAGACGGTCGGACCTTGGAACCATCGGCCAAGCGATAGTCAGCGTCAGCGAAG

ACGAAGGCATCCGCATCCACTGACTCCATCACACGGCGCAGCCGTCGGAAACCAA  
CCAATAGCCGCTGAAGCCTCCCTAGGTCTCAGGCAATACACCCTACTCGGGTG  
GTAAACGAGGCAGGGGTTCGCGCAATGGTGGAAACCCGCCCTTGGCTTCAC  
GATGAGGCAGGGAGGTGTCCGCAGAACCTCTCGTTCAAATACAACCCATGCC  
TTTCCTCCACGCCAGCGTCCGGCTGCAGTTGAAGAATTCACTTTTGGCTCA  
TTGCTCATCGTCGTATCCCCGCGTGCAGCTCAAACACTCTACGGCAACA  
AAATTACTCACAAGCCAACCAAATGTGTCAGTGAGGGCGTCGGAATACCGTCTCG  
CTCTCGCATTGACCGTGGCTCAGCGGCAAGACAGGACGCTGCCGTGGCTCC  
TACACAATCCCAGCGCACGTGAAACGCCATTCTGCTCCATGGATGTGGATCTGC  
CTTCGAGTCTAGCGTCGGCAGACTGCATAGGTGAAGGGCGGTATAACCCACCC  
GGCAGCCAGACTGGTGTGCTGGCCGCCATGGCCAGGTGGTCCAGCACTCGGA  
TGTCCAGGAGGCCAAGGACTGCTGTAGGCGATAGGTGACCTTGCGGTCTGCCTCG  
TGGGCTCGGATTCTGCCTGGTGATTGTGGAAAAGGATGAGCGCAGCGCTTG  
AGCTCCAGCGCGCCTGGCGACGACTCGACTATGCGGGCGAGCAAGCAGCAACG  
TGTGAGCTATGAATCAGGCAGCGTTGTCCCTGGCTTACACCACGAGTCGGATCAGC  
TGATCAAGGAGAGGACGGCGTGGCACCGAAGCTCGGCATCCGCTGCCGATTG  
CCTTGGCATAGAACGCAGGAATATCAAAGAGGCCACGCCATCCTCACGCCAGC  
CGAAGGGGTATGGCTCCAAAAGCTCACGATGGACTCGAAAACCGTCCAGATG  
CTCCTCGGTACGCACATGCTGTAATCCACATACGCCAAGGGTCTCCCTGA  
CTCCAACGCAGGGACAAAACGGGAAGCGCTGTTCAAGGCTCGAAGGCCGGC  
CTTCGCCATGCTGAACACGTTACGACCAGTCGAAGGCTCAAGATCCTGATAGC  
GGGGCACTGACGGCACATCCCACCGAAGGCACCAACAGCGCCTCCAGGTGACCC  
CATTGCACCGCCAATCTGATCCCAGTCTCTCCAATGACCCACCCGGCTTGG  
CGCAGCTCGCAGCAACCCGGACACGGAAGCTCTTCAAAGTGGTATACATGCC  
GGCGCGATGCCTAACAGAGAGTGCCTGCATCTCATGGAGAAGGCTGAGTGGT  
GAGGCTCTGATGAAACGCCGCCTCGTAAACCATCGACATGTCCCATTGCTCGGGTC  
GAAGCACTCTGGAGGGTCTCCAAGCAGTCCTGCTCCATGGCTCCCTGCGTC  
GATCGCAGCAAACGGCGTCAGGAGACGAGCCTGGCCTGAGTTAGGTAGAAGCGCT  
GCTCCTGACTCGCAGAGCGATCTCTGCCATGAAACAAAAGACGCCACTGCGCC  
TGCCTGACCGAGGACCTGCATTGTCGGCTCCATTGCAAGGCTTAGGGCGT  
AGAACGTGAGGTGTAAGGTTGAACTCGGTGCCAACAAAGGACAAATGCCCTGCC  
TGGATGACTCAAGCACTCAGGCTCATTGGCCTGGATATCCTCCAAGAACTGGCTGA  
AGATCTGCCGCCCTCTCATGGTCATCTCATCCCCACGACGGCCATCTTGCC  
CACTGCCATGATGAGGGATTGGCACCGGCCAGCTCTCAGCACGTACCCAGACA  
GTGGAACCAAGATCGCCAAGACCAAGTGCAGGCGTCGGGAACAGTTGACCTGC  
GGACGAGTGTGTTGACGGCACGCACACGAAGGGTGCAGCGGTATCGAGGCGGAA  
GAGCACGGCGTCACGTCATAGGGCGCCAAAGACCTGCATCTCGCTGCAAGC  
CCATTGCCGTGCCTGTGATGATCTGGTCCCTACGCCGCTAGGCCAATCGTCCC  
CGTCCGTAAACGCAAGCGTTCTGCCGTGAAAGTGTGGCCTCGCACTTAGGCTT  
GGCCATCAAAGGCATGGCGCGCAGAAAAATCCCATCAGCAGGCTGCATCGGAGGA

CCGCAATCACTATGCCGTCATTCATCCCCGTCTGATTGCGATTGATCCGGCGCCC  
TTCTTAAGCGCAGATCTGGCTTGGTAGGTATCCACAACGAACCAAACGTAGGCAAG  
CGCCGCATTGACCGCTAAACGGGCATGCCACTAGGCTGAGACCGCGATGATTGCCGC  
GTGGGCCGTGCCCGTGCACACTGCCCGCAACTCGGCCAAGTGATTGGTCATTG  
CCGCCAGGTTCTCAAGATAAGCCTGATGTTGTCGGCACCTTGCGCAGTCATTCA  
CGTCGTGGGGACCAGTTCAAGTCCCTGCCACTCGCTGGTCAGGTATTGATGT  
CGCTGGATTCCCGACCTCGACGCCAAGGCAGGCTAACAGATCGTCTGCAGCAGGACT  
CAACGAAATCCTGGCCGTTCCAATGGCGACCTCCGGATCGGCCGTAATGGCATTCT  
GCATGCCTCGATCTGCCGAGCCATGGCCCCAGCCTCCAAAAATTGGCAACTGCC  
TCGCCTGCTCTATCGCCTCGCACCACCGTGGTTGAGTTGCTGCCGGATGTATCGCG  
GCCTGCCGGCGATTGCTCTTCCACCAACTCCAACCCGCGCAGCAGCACTGAT  
CGTTGAAGTGCTGGACAATCTTTCAGTCTCAGCGCGATCAGGACGGACCAGCGGGT  
GAACAACTCGCACAGGAAGCGGAGAAATGTATCCGCCGGACCGTCAAACAGCGCA  
AACCGATCGTCATCAAACACCCAATACTGATCCCAGTCATCGTTGATGCGATGC  
TGGTAGATGTCGCTGCCGTCCCTGAATCGGCTGTGGATGGAAGGCCGGCG  
AGCTAAA

>CONTIG\_103\_length\_4749\_cov\_13.521852

CCATCGACGATCTCCAGGCTCCGGCACCCCTAACATGCCCTGGTGCCGCCCTCG  
AGGCAGCCCTCTCGCAACTAACGACAAGGCACGAGCAGTTGATGTGGCCTAGTC  
CATCTCCCAGAGGCTTGGCTTCCCTATACGTCAGGAGACGGATTGACGCCGACGAT  
GTCCTGAAGGCAGGGAGCAAAGCACGGTATTCCGACCCAGGTGGTCAACGACCG  
AACCTTCAGCTTCTCAAACAAGGCGCAGTTGGCTGGAGGCTGTCAATCGCGCTCTA  
TGTCAAAGCCGGTGGCATTCCCTTGGAAAGCTCGCCCCCTCTGGCGGGAGTGCCCGCGGA  
TACGGCCTACATCGGTTGGCATACGCGCTGAGGAGGGTCAACGACGAAACCCACT  
TTGTCACCTGCTCGCAGGTGTTGACATGGATGGCGGCCGATGCAAGTTCGTGG  
CGTTGAGGCCAAGGATCCGGTCCAGGACGTGCGGAAGCACGACGAAATCCCTTC  
TTGTCACGAGAAGACATGCGAGCGGTATCGCCCGCAGTCTGTCATCTACCAACA  
GCGCAATGGAGGCATTCTCCTCGACGAATGGTCATCCATAAGAGCAATGCGTTCAG  
GGAAGACGAAGTCCCTAGGTGCTCGTGTGCGCTGACAGCCGCCCCGAGGTGGAAT  
GCATTGAGATCAGCTCCAGACCGACTTGGCGGGGTATGGCTGGTCAAATCCTCTG  
GCCGCACCGCGCCACCCAGCCTGCAAGATAACCGTGGCGAGGCACGTTGTC  
CCCCGGTCGGCACGTCCGCTCTTGGCCGCTGGCAATGTTCCAGACGTCTCA  
AGCAAGTCCGACTACTATCAGGGCGGAAGAGCATTCCAGACCAACTCCTGCTGAC  
CCGTCATGCCGGGACCGGGCCGCTAGAAACGATCGCTCACGAAACGCTGGCGCTGA  
CCAAGATGGACTGGAACAAACGATGCGCTCTACGACCCAGTGCCGTAGCATCCGC  
TACTCCCAGAAGCTGCCAGGACCATCTCCAACGTTCAAGGACCTCCTGGAAACAGC  
TACCCCTACCGACTGTTCATGTAATCCCAACTCGCAACAATAGAAAAGGAGCTAAC  
GTCATGATCGGCAAGAAGCAGGAAGCCTCATCGAAAAGCAGTCTGGGAAAGTGA  
AGGCCCATACCAAGCCACCTTGCAAGGAACCACCGTACCTGAATGACCCGACCGC

AGACGTGGATATTGGCGACCATGTGACTCGAACGCTCCAAACGGGAAAAGT GAGC  
GCTCCTACATCGCGGGCGTTGAGTTCTACGAGGGAAAGCATTGGACGCTTGGACCAC  
ACTACCAGTTGAAGATTGGTCTGCCCTGTGAATCAACAACGAGCGCACACCATC  
AACATTCAAGGCTCGCACTCGATCCAGATTGGCGACCACAACACCCAGAACGTCGT  
CGGTGCGATCCAGGCGTTGCATCAAGCTATCGATGCCCGAATGCGACGGAGGACC  
AGAAAGTCGAGGTCAAGTCGCGCTAGCAAAGCTCCTCGAACACCCCCATCCTGGCA  
AGCGTATTGGCGGGGTTGCAGGAGCCGCAGTCAGCTGAAAATCCGGATTGGCGGT  
CGAGCAGCAGCAGACCATCTAACGATCCTGCTAGATCTGCCCGAATGCACACGAC  
GTCGTGCGTGGCCCAGGGCAACACGTCAAAGGTATTAGCCAACGCTGATGACCGG  
GCCATTCCAAAGAAGGGACAACACTAGCTGATCCCGTCCCCGTCAGGCGATCTCT  
TGGATAGCTGGATTCTGGCCAGGAACTCACGCCATCCATCATCGGCAGCCAACGA  
GCTGAACGGCTCAGTCGAAGTAACCTCAGCCGATCGAGTCCTGTGATGGTCCA  
GAGCGCAAAGACACGTCCGGCTGATTCGGTAAACGATGACCAAGTCAGGCCAT  
GCACGACGTTCCCAGACCGCTGAAAGAGCTCAAGACTCACGGCTTAAACGGCGCG  
TAACCATTGTAGGGAACGTCGTCAACCTCAAGACCAAGCAGCTTGCATTCCGTCG  
TCAATGGGGATGAAAAGGCAGGCTCCCGAACGATAACGAGCAACCTTGTATT  
ATTAGCCTGCCTCGCAGCCACCGATAGGCTCCCTGGCATCCTCAGAGAGGATATG  
GCATTCGACCGCTACGGTAGCAATGCTCTGACCCAGGTAGAGCACCGAGAACTCGC  
TCTTATGGCCTACCGGTGGATCAACCCCGCGTTACGGAATACTTCTTGTGGCGGAT  
GGATATGTGCGCCGTCATAGCGAAACAGGCGAACAGATCTTCTGCGGGTCCAGC  
AAGAGGACCTCCAGATCACTGGCGTGAACACGCGATCCCTCGCTCAGTATTGAGA  
AAAGACGCCCGCGCAGCAACTACAGCCGCGCGCCTACACTGCCATCCTGCTCCA  
GAAACCGTTGCGCGACCCCAACGTACGGCGCTAGTTAGCTCACCAAGAACGCT  
TCAACAGGCCTCAACCCGCAAGCAAATCGTGTGATGCCGTGAAAGAACGAAAGC  
CGCCGCCCCCTTATCAGGCAAGTGCAGAGAGAATGTCTTCCAGAGGCTGCCAGCGA  
TACCCCTCCAAGTCTGAAATACCGGTTAGGCCCTGCCTCTTGCATGAGGGCGA  
GGAACGAGATGACCTCCACTCTCCGCGCACGGTTCGCTACTCACCC  
CAGCAACTTGAGAATTCAAGCCACGCCAGCGTCTCACTAGGATCACGATCATCTAG  
CCGATAGCCGTCGGGCCATGAGTGTGATCTGCTGCCGACAGCATTGCTATCCGGTCG  
CTGGAGTTCCGACTGCAGCAAGCTACCAACTGTACCGTTCCAGGCCACGAGCGCAT  
GATCTGACAGTTCCGCCCCACGCCAGCTGAACCAGTGCCTCAGCGTGGCTGTC  
TTCGCTTTTAATAGCCAAGCCAATGCAATTGCTCGAGCCCTGCCCGCACAAG  
CATCGCGGGGGACGAACCCGCTCAATGGGTATGTGAAGGCATCGGAAGGGAAA  
TGTGCGCGATCAGGGAGCCGCTGATGTCTCCAGTAGCTCAACTAACGATCGTTGAAA  
GTCCGGCGCACCCGGCGGTGATGCTCTAACGATGCCGCCACACCTCCAATC  
GGTCAAGCTCGTCTAGGCCTTCAGCGCATTACCAAGTCATAACCGTAGTCCGCA  
CCGCTAGGTGCTGCCCTTCAGCGCATTGCTCAACGATGCCGCCACACCTCCAATC  
CGATGCTCACTGGCCGAGTGTGGCTTATGGGGCTTATTCGTCATAAGCGATTACC  
ACGAAATCCAACACTAACACAATCTCGACAAGGGCTCGCAAGCCAGGTCTCCGA  
GGATCGTCGGGTTCAAGGGCCAGGCCATTCCAAGGCATTGCGCAAGAAAGCCCTG

CTTCTGCGATCAGTGTCCGTCTTCGACATTGTGACTGAATGCAAAGTAGATCAAT  
CGAGAGGCATCGTGGCATTACGCTCGTCAGTATTCAATTATTGTGAATACGCGCAC  
ATCGCATCCTCTGCCGTTAGGGAAATAGCTGCTGGATGGAGATCTCTTCACTAC  
GCCAAGGAGCGTTATGCCATCCCTCAACTCGAATCGCGTCCAGGCTCTGGGGCA  
TCTGCTTGGCAAGCACCAGAGAGAACCTCCCTGAGCGCATGGAGGATGTCCAGC  
ACCGTGGATGTCGCCGGCGCTACTCAACTGTACGGAAATTGAGCCATCG  
GTCGATGACGAGACAAGTGGCCCCACCGCGCCCTCGCCCCAGTCTGGCCCT  
CGCGCAGCATTCGGTGCGCGCTCCGTTGACCGCAGCGCTTGACGTCTTG  
CAAAGCTCTCGGGAGCAATGGCGTGCAGTCGAACGATGAAGAAGCCGACGCCAC  
GGAAGCGGACCAACGAATGGGGCCTACCTCCATTGACTCGACCGGCCCAGCTTAC  
GGTAAGGAAAGCCCAGCAGAACGCGGGCTTCTGCGGTTCTCACCGGCCAAGCG  
CGGCCGCGCGTGGAGCGGCCTGCTCAAACCGAGCAGGATCAGGCAGCGAATCTA  
TCCCACCAAGGACGCCACCGCTGCGGTATTGACTACATCGAGATGTTCTACAA  
CCCCAAACGCCGTATGGTTCAACCGGCTATCTGCCCCGTAGAGTTGAGCGCG  
TTACCGCAACGAGGGTCTTGAGTGTCTACGGAACCCCTGGCGTATCCTTGCA  
GGCGCTGGGTGACCTGCGGTCCGCTCGCTCGCTGGATTGCCGCTGGATGGT  
TGTGAAACAAGATGAGGGCGACGGCGTTGAGCTCCAGAGCGCGTGAGCAACGACT  
CGCGGGTGAACTCGCAGCCATCGATGGTGCCTGAGAGGGTGTAGCCAG  
GATGTGGTCTGGTGTGAGGAAGACGACGCCAAAATTCGTACTCAGATGTG  
CGCAGCGGCCACCAGGTAGTTGCCGGCTGGTCGGGCTGTGAATTGGCCTTGGC  
GCTGAAGGCCTGTCGAGGATGGTGGCTGCTGCGAGGAGAATCCCTCGTCCA  
TTTGAGTTGATACTGGACTGCTCGGTCTGGTGCCTCATCGGTTGTCTCCACC

>CONTIG\_104\_length\_4712\_cov\_12.895093

GATCTCCCGCGAGTCTGCTTGCCTGCCAGGCCCTAGCGTCACCGAACGTCAG  
TTGCATGGATCACTCCTCAACATGGGGTAGTGTGCTTATCTGCGGTGCGTTGTT  
AGAGGTTCTTAGGTCGATTAACATAAGCGCGGTTATCTCAAGCTTACGCTT  
CATCAAAGAGGAAACAGCGAAAGGGCGTTAGGCCGCCATCATTATTTCTT  
TCCCACCCCTGCGCAACTCATTGTTATGGGTGTATCTACCTACACAAAAAA  
GGAGGATTGATGCGATTGTTACTGTTCGGCTGCGCCGGCTCTGCTCGCTCG  
CTGGCTGCTCGTCTGAAAAGATGGCAGGTTGCCCGGATCTGAAGACCCACAGGTT  
GCTATGTGGCCTGTCTGTTGAACCGGTAGAGAACACCACTGAAAGCGTGCCTCG  
ACCAGGCCGTCGGGTTGAGGGCGTCTGCCGCCAGGATTGATGGCGGGTTGGTC  
CTCTACCGCCTGATTGGACCGAAGGATGTCACACGGCGATTGTCAGCCAGCCTT  
GCCAATGGCGGCAAGCGCTCCAACCAATGACGGTGTCTCGTCCATGGAACCTGG  
CCCCTTGCATCCGTCGTACCGCACCCATTGGCCGACCCAGCGCCCTCATCCG  
CACGGATCGGCCATCAGGCCAGGGCACTGGTGAAGGTGATGCGTGCAGAGGAAG  
CCGGTGACAAATACAGGTGCGCTACCTGGATATTGATGGCGCCCGGTGAAGGAG  
CTCGTTGTGAGCAAGTCCGGTCAACTGACCGTGGACTACTTCGCTCCACATCCTC  
GCCTGCGTATACGGCTTGGAGCGTCGCCAAGATCTATCCCCACTGGTCCAATCAG

TTGAAGTGTGGCTGAAGGAGAGAGGC GGCGAAAGCCGCC TTCCCTGTCTGAGCC  
CCTTGC GCAACTCCA ACTCTT GTTATGGGTATATCAACCCACACGAAAAAGGAGCA  
TCCATGCGCGCACTCATCCTTCCCTGGCCCTGCCAGCCTGCTCCACTAACGGCCT  
CCGCCGTCGACAACAGCTCTGCCGACGCTACCGCACCA CGAAGAACCTGTCCGTCC  
AGAACGCCCGGCTGGTGAAGTCTGATGGTCCGCTCGTGGACATCAAGAGCGAC  
AAACGCCTGAACGCTGGAAGGCCATAGGTGCTGCCGCTACGGTGCCTGATG  
TCCACTGCCCGGGTGACGCCAATGATGAGCGCGCTCTGCTGGTGTGCTGCTGG  
TGTTGCTGCTCACGGTGCCGTTCTGGACCCTAACCGCTCGCGGAAGCAAAGGCCG  
CATGGATCCCGCGTCCCGCCTGGAGAGCGACACGCCGAACCTACGCCGCTCGTT  
ATCCAAGGCCCTGTCTGGGTGGGGTACCCCTAACCGCTCGCGGAAGCAAAGGCCG  
GGCACCGTCGGTGCCTGCCGGTAGGCCTCTGCTTGCTGGTCGGCTGGTGCA  
TGCATTGTCGCGCGCGAGCGAGGCAATGAGCCCGTGCCTCCACCTGTTGCGC  
CAGGCCGCGCTGCGAATAGCGCGGCTTGAGTTGCTGCCATGCCTCAAGACGTCC  
AGGCCATCTACGACGCTGCACAGCGAAACACTCCCTACGGCACCGAGCTGGACGAC  
GCCCTGGCGGCCACCAGCAGGCCACGGCGAGCCGGAGCAAATCCAGCACGCCA  
GCCGGTGGACCCCTGTGACGCCGTGCCAGCAGCCCGAGAGCGCTACAAGGCTT  
ACGTGAGCCAGCGCGTACGCCGTTCCGGCTACTTGAGCAGGCAAGCACCCC  
GAAGACATGGCCCAGTGCTGGGTGCCGGTACACAGATCCGAAAGACTTGGC  
AACCATGCACCTGCCACCAGCGGCTCCTGCGCCACCCTCGCAGGGTGCACGCC  
TGCCGAAATCCAGGGCCTGCTTACCCAGGGCTCACACAAGGCAAGTTGGCTAACG  
GGCTCAGGGTGTCCAACAAGCAGTCAGCCAGTTCTGCATGGCGAACGGCCTTACC  
AACCTGCCAAGCACAACGCCAAAAAAAGATATCCGAGCGGCAGGAAATGGTGC  
GCCTCTTAAGCGCCGAAGGCCCTTCAATCGCGAGATGGCAGAGCGCTGGCGTT  
CCGACGCATGTGGTGTACGTGTCCCGTGAACCTAAACTGCCGCGCCGAAGAC  
GCCGATTGACGAGTTCACTCTGCTCGCTTGAGCCCGCAGAGGTTAACGACTGTT  
GATGCAGTTGAAGCCGTTGGAGCGCTAGCACGGCACTGAACACCAAGCTCCCCCT  
GGTCTCAAATACCTGAAGCGAGTGGAGCTCAAGGCACCCCGCGATGACCGGGAA  
AACACCGGTTGAAGCGATGACCTGGATCTTCCATGAACCCACGTAACCGCGGCC  
TGGGTGGTCACTCCCCGAGCACGTCCAAGCCCTATTGAACCAGGGCCTCACTCAGC  
GCGCCCTGGCCGAACGGTGGCGTCACGCACCAAGCCGTGAGCCGCTCGTGTGC  
CGGCATGGTCTCCTTCTGGGGGCTGCAGGCCTACCGATCACGGCAAGCTGACCAA  
GTGGCTAACGCCGTCGGCAGGTGCGACAGCTGCTGAAAGAGGGCGACGTGGC  
GGAGGTGGCGGCCCGGTTGGGGGTGTCCATGCCATGGTCAGTCTGACCGTCAGG  
CGTTGGGCTTGGCGGTGCCCAATCCGATCCAAGCAACGCACCTGTGTGGATTGA  
CTCGGGAGCAGGTTCAGGCCGTTAAAGGCCGTCAGTAGAGCCCAGTTGGCCCG  
GAGCTCGGTGTCAAGCAGCTCAGCGGTCTACCGCTTGTCAAGAAGACGGCCTCATC  
TCCTCCTAGTGGGAGGGAGGGCATCCGCGCGTCCAGTCGTCAGTAGCC  
ATGGAGCCGATTAGCTCTGCTCCCTAAGGCTCGTCCGATCAGGCACCTACGGG  
CGGAGATGGTCCGAAGCGTTGGCCAGACGCCGGCTGAACGATACTGGGCTG  
TTCGAGGGGATGTATTAGATGCCGCTGCTCAACTGGTCTGACCGTGATGAAGACCTG

ACCCGTTCCGCCCTGACGCCCTACCGACTCTGGAGGCCGGTGGCCAGCTTGTCTAT  
GGGGAGGTGGACTCGCCAACATGCTGATCGAGGGCGACAACCTGGTGCTTGAA  
GGCGCTGTTGCCGTATTACGCCGCCAAGTGAAGTGCATCTCATTGACCCGCCTTA  
CAACACCAAAAGTGCCTCGGGCAATACGACGACAACCTCGAACACTCGCAATGGT  
TGTCAATGATGTATGCGCGGATTGAAGTGCCTGCGTGAATTGCTGGCATCAAGTGGCT  
CGCTATGGGTCTCGCTTGATGACAATGAAGCACACTATTCAAGGTGATGTGCGATG  
AAATCATGGGGCGCCGCAACTTATCGCGGACATAGCCTGGAAGAAGCGCGATGGC  
GCGCCCAATGATCGAAAGATCGGTTCTACCTACGACCATGTGCTGGTACTCGAAA  
TCTTCATCCCTGGGAGCAAAAAAGACCAAGGCCGAAGAGTCGTTCAACTTGATGGA  
TCGGACTGAAAAGCGGACTCGCAGTATGACTTTATGAAGAGCCTTTGGGTCGA  
CGAGCGAGGTCCCTCCGTAAGGTTGATTCCACCGGGAATGCCAAGGGGGCGCT  
TCGTGGAAAGCTGGTCTATCCGGTAAAAAAATCCCTCACCGGAGAACTGGTTATC  
CAAGAAAAGGGCGTTGCTGGGTATACAAACGTGAAGTGTGGAGCAGATGGTCGTG  
GAGCGACGCTTTCTGGGGGAAGGATGGAGAGCTGGAACCTCGATGAGGAAGCT  
CTTAAAACAGAGGCAGAACGGCATGACGGCTCCCACAATATGGATGACGTTG  
GCCTCAATCAGCACGCCCGCGTGAGTTGGAGGTTCTTTGGGAGAAGGCGGTGT  
TTGACACGCCGAAGCCGGAAGGGCTCATGAAGCGCGTCATCGAGATTGCGACTAAT  
CCCAGCGAAATCGTCATGGATTCTTCGTTGACGGGACAACGGCGGGGTGGCT  
CACAAAATGCCGCTGGATTGGAGATGGAGATGGCGAGCAAGTGAGGGAGCT  
GTGCCGCCAGCGTCTGGTCCGAGTGGTGAACGGGAGCAAGGCGCGTGTCCGAGG  
CAGTCGCGTGGGAAGGTGGGGTGGCTTCGCTTACAAGCTGGCGTCCCCGTGT  
TCGATGACGGGGTCACATCCCGAAGGCATCAAGTCGAGCAGTGGCTGCCAC  
GTCTGGTTGCCAACGGCACGGCACGCTCAACCCGTGCTCCTAACGAGCCGTT  
CTGGCGAGCACCGAACGGCTACTACCTGCTGTTAACGGGATCTGGCGAT  
GAAAGCAAGACCGCGGCAACGTGCTGACCAAGCGAGGGTTGAAGGGCTGCAAC  
CCTTGATGGTCCAAAGGTGATCTACGGCGAGTCGTGCGATTGCCAACGGAGCGG  
TGGAGGAGCTCCAAATTACCTCAAGCAGATCCCCTACGACATCAAGGCACGCTAA  
GCATGGCTTTCTCA

>CONTIG\_105\_length\_4684\_cov\_23.475093

GCGCTGGGTCGGTTGCGACTCACAAGCAGGCCTGGAAATGGGAAACAACTTA  
CCTGCGCCCTAGCACACACCTACCGCAACGATTCAACGACATTAGGCAAAC  
ACAGCTGGACAAAGCGGAACCCCTCTGGCGGAGTTGTTAGCGGCCAGCCGTAT  
GATCGGACACGCCGGTCCGGGTCTGGAAGCTCGAACAGAGAAACAGACCGATGTGAA  
CCTGGCGCTGCCATGTACCGCGATGCTGCGTCGGCGCTATCAGCAGCTGGTTGT  
GTGCTCCAACGATAGCGATATCGCGCCGGCCCTGCGCGATCCGCGAGGACTTCCC  
GACCATCGTCTAGGCATGGTCACGCCACGTAGGCCCGGTGATGGTGAAGCGG  
ACAGAAGAGTCAGCGTCTCGCTGCGAGATGCGCTGACTGGATACGTCACTACATAT  
TGGATGATGAGCTGGCCGCAGCGCAGCTCCCGAGCGCGTGCACCGTAAACCTGGCAGG  
TCAATCGATAAGCCTGGGACTGGTGAAGTCCCACTCACCAAGTGATTACCGCTTTT

GGCATTATCTGTAGCTAACTAGGCGGCAAGGATA CGCGAAGCATTTCCTGCCTC  
TGCATCATCTCCACAGCGATAGACCTTTAGCCATCTGACGCATCGAAACGCCAGG  
GGCAACCTCGGCATCTCCATCGGCCAGATCAACCCCGGAGAGATCTTGATCCGAGG  
GGAGACC GTTAGGAAATTCCACAATGACCCACACATCCACAGCACGGAAATACAGCG  
CCGGATCGCGTCTCAATTGGTCAAATAGCTCGGTCTTGCAGGACTAGACGCACCCGAGCAAGGGATCGCG  
TACATCAGGGCAGCGTTAGGGCAGGACTTAGACGCACCCGAGCAAGGGATCGCG  
GTTGTGAAACGTAATATCGCAGTAGCTCATGGCGCAGATAGATCCACTAGGACCG  
CATGTTGTGTTGCAGTGGCGT GATCTGTTCTGCATTATCTGTTCTCGATATCG  
GGCCTGCCGACCCCATGTTACGTAAGTCATGAAAATCCAGTCGATTAAACAGAT  
ACCCGGAACGCCATATCGCGGTGGAATACGGTCGTAACTGTCGGACTTGCTGCC  
GAAAAGAACGCGCTCGCGCTCGACGGTATGCACTTGAATACCTCGCACGCTCCA  
CGATGCGCCCTGCCGAGTCGAGGCTGTCGGCGTAGTACCCCTGGCGTCCAGTTTCGGCAGCGATGCC  
CCAACCTCATGCGTGGTGC CGCGCTGCCGTGTCAGGCTGGTGACATGCCATACCACAGCACCAATTGCC  
AGCGCTGGGAGAACCCGCCAAGGCTGGTGACATGCCATACCACAGCACCAATTGCC  
TCGGTGATGGCGTCCAGCTCGTATCGAGGACGACATACTGCACCTGATGATTGACG  
ACGCGATCACCGCCGACAGCCAAACGCGTCAGCGTGGTGAACTCGCCGACGCC  
GGCGTCTCGATCAAGATGCCCTGCATGGCTTCTGCCGACCTGGCACGCC  
CCGATAGCACTGTTGGGTACGGTTCTGGCAGCAGCTCGATGCCGTTGCCAG  
CTTCAAGCCGAGGTCAAGGCAATGGAAGTCGATCAAGTCGACTGCGACTGCCGGCGTCGG  
GTTCTGCCACATACAGGCGGGATGATGTGAAAAGCATCGTGGCGGTTCTCCA  
TTAGGGATGACCAAGCCGGCGGCGTTGATGACTAAATTCTCAGCCACCACAAGCCC  
ATGAAAAGGTAAGCAGCACCATTACGATGATTGCGACTCTTGCCTACTCGAAC  
GGCGTCAGTAGGCCAAGCGTGACAGCGTGTGCGATAGGATGAGGTTGACCACGGC  
AACGGTAAGACTCGCGGCCGTGAGGAACACCAAAACGGAATATAGATTGATGTCGG  
CTCCTGTTGGATGTCGCTGTTAGCTGGCTCTCGTCTCAATGCCGAGAGGAT  
GGCCAAGTACGTTCGTGGATGCCGGAGCGGCAATGTCTTATGTTGAAATTCCGC  
GAGTCGAGAGCGACGGAGACGGTGGCAACCGGGATCACCACAGGTACAGCCGTG  
GATCGATAGGGCTTGGGATAAGTAAGCGACGCCGCTAGAGTCCACCCAGCGTCA  
GTGCCGAACCAGCAATAGACGCCATAGTGGACTGAGAAAAAGACAGGATAATATT  
GACCCATGCAACCGGTACGAGGTCGCTTCAATGTCACAGTAATCGTCAAATACGAC  
CTTACGGTTGAGCGGGATAATAGCTGCCGATTGTTCAACACGTACTCGCGCGTAGC  
ATTTTGCGAGTTGTGGCCATCACAAGGGCGTGGACGTGGAGTGGTAG  
GCTGCCATTGGCAGCGGATCGTCTGTTACATGCCGAGCAGCAGCAAAGAAC  
GGATCGAACGTATCCACGTAATTGATAGTGGCTGGCATGTCGTCGTG  
ATGTCGTTGCTCTCGGTTATTGCTGTGAATAGACGGGGCGCAGCCCCGTCCAGT  
GCCAGTCTTAGTTCGATGTCGACTCGGCAGCCTCACGGGTGCGATACAGGTAAA  
AATCGTCCCTCTCCGGCGTTCTAGGTCTTCCGGATGATCCACCAATCCGGCTC  
AGTGCCGGCAGGGGTGTCACGGACGGCAGGCTCATCGTCCAGGTCAAAACTCTG  
TCACACCGACGGCGGAAGCGCGGCCAGCTCCAAACCCCTGCGTCATCCGCCTCGT  
CCATAAAACTGACGCTCATCAGGCTGGCATCTAGCCAACTCGCGGGCTGCTTTCAT

GCTCTTGGTTGGGTGATGCATGGCATTGCTCCGGATGTGGTGTGCGGTGCTTGGC  
ACACCGACATAATACCGATTGCATGCAAGCATGCAAGCTGTATGCATGCAATTGC  
ACATCCTATTCTTGAACACTCGCGCAATGCCGGGGTTGTTGCACCTGGTCGATC  
GCTGCGCCTGGTCCCCGGCAACGCTCCACACCTGGTCGCTCCGAAGCCGGCACCG  
TCCAACCGCTGGACACATCACCAGCTCCACACCTCACTCCCTGCTGACCCGCTGTT  
GAGGATCTGTCGTCGTCGTCCTCAGTGGCATGTGGCTGCATGACGCCGGC  
TTCTGCAAGCGGAGCGCGCCGGCGAGGATTAGGGCCACTGGCGATGACGCCGGC  
ACGCCGCATCGGTGCGCAGCACCCAAAGCCGGTACCGCTTGCGTCACGCCCG  
CCTGTAGCTGCTGACGGTGCCTTACGCCGTTGGTCGTTGGAAATACAGCACGC  
CATATCGCGTAACCGAAAAACCCGAAACTCATCGGCAGGGTCAATGGAGTCAGTGC  
GAACGGCACACCCAGCAGGAAGATGCCACGTTCGTAGAACGCCCTGTTCCCTG  
CCCTGTTACTTGGACATGACGATGATCGGATCATGGCCGCTCCAAACACACCAG  
GAGTAGCGCCAGATAACCGCGTGGCTCACCTGCCATCTGCAACCAGGAACGGAG  
CTGTCTGCGCCAAAGAGTCCGAAAATGGCGTAGCACTGCTCCTAGCGACAAACGCA  
AATTGATGAGTGTGGGATGTCTTCATGGTCAAATTCCGCCAGTGCAGAGCGAT  
GGCGATAGGGTTGCCGGATAAGTCAGCGACGCCGAGACTCCACCCAGCGTTC  
GTGCCGAACCAGCAATAGGCACCGTAGTGGCTGAGAAGTAGACCGGGTGACCTC  
AACCACTGCAACTGGCACCGCAGTCACTGCACTGTCACAGGATTCTTACGCAACGC  
TATGCTTGGGATCGGTAGCACTCCTCGCGTTGCATTTGGCATTGGGG  
CCGTCAGAAGGCCGTGGACGCCAGTGCCTAGCGCTGCCATTGGCAGCGG  
AAGGGCTGTGCATCGTCAGAACAGCATCGAAGAAGGAATCGAAAGCATCTACAC  
AATTCTGATATTCACTACTGAGTCGTCGTTCATGATCTAGCCTCTACGATT  
GCCAGAATTCAAATCGCAATAGCGGCCGTAGCTAATGCAGTCTCAAGGC  
GGCCCATAGTAGGAACCGAACCGACGCCAGCGATCAGTTGGTGC  
GGGGGTGCTGACCC  
TGGCAAGTACAGTGGAGAGTCGCGTGCATGAAGTGCACGAACCC  
CTACGTC  
CACATCAACAATTGGGAGGCAGCCGTATGGGTCTTGAAACCAATA  
TAGCCAC  
TGCTCATGGGCTGGATCGGCATGCCGCTGGTGCCCTCGCGTGGGTGATCATTGGAC  
GGACCTGTGCTGCCAGCTGGCGCTCCACAGCTTCCAGCTGTGGCAGCAGCGCTT  
GGCGACGCTGCCGCGTGC  
GGCCAAACAGTGCCTGCCGACCGACTGACGCCGC  
TCGCATTGATGGCTCCGGTATGTCGAGAATGGCATCGGGCCATGACATGCCGAT  
GCACCGGCCATCGCGGTGTC  
ACTGCCGAGCGCGTAGCCAGCAGCCACCGG  
CTCGCATGCCCCCTGACCAGCGCTAACGCAGGATGGCGAGGAGCTTCATTAGC  
ACCTGCCCGGTAGCGTCGGTGC  
GGCAAATAACGGCCATCT

>CONTIG\_106\_length\_4643\_cov\_16.615589

GTGTGGGGCAGCAAGGGCAACATGCCGCTGGATGCCGCGCCGGTGC  
GCCGG  
TGTGATCCGTGAATCGGTACGCAAGGCCGATAAGCATCACCTGAC  
CGGCCAAGGCC  
CAGAGTTGATGCCGAGCTGGTGC  
GGATCTGC  
GAGGC  
GGGTGGCCGGATC  
CCTTGAC  
CCGTTGCCGGCAGCGGTACTACGCTACTTGCGGCAGAAGTC  
GAAGGCTTATCTTGG  
ACGGGCATTGAGATGACCGAACACTACACCCAGATAGCG  
GAACGCC  
TAGCGGA

GTAAGTCTGGCGGGCGGGTTGTTCTGCCCGTTGTAGGGCCGCCA  
GGCGCACTAGGCCGAAGGATTGCAGGTTCTCCCTCACGCGTACGGATGGCG  
CGCCTATCCAACGTGGAACCTTGGCTTCAAGTTTCTCCGTATTGCGCAGCAG  
ACGACGGCTGCCGTGACGATCATCACGCGAATAGGAACCTTGCGCGCAG  
CAGCCAGGCTAATATTGATTCACGAACCTCTGGCTGTCTATTTCATCTGCGGAT  
TGTGGGCCACTTCAAACATAGCTACCGGTATCCACTGGAAAGTGGCAAGAGTG  
TTAGCGCATCGGCCATCCGTGGCCCAGTCCGAATCTATTAGGAAGCGCGGCTAGC  
GATGTCAGCATCATGGCTGCGTCCGTGTCACGAACGAACCTCACGCGGCCCTCG  
AGCACGGTCCAAC TGCGTTGAAAAAAATTGGGCCACGGTGTCCGTAGCGGAAT  
TGC GG GT GAT GACT GCCT CG CT AT GGG CT GT AG T GACT CG AA AT CG T CT AC CT CC AT  
GAAGTCCACGAGCTGGAGCGCCTCATCAAAGAGCTCAGCGTCGCTTTCCGGCATT  
ATCCGGCCTGCGCGTAGCGCAATCATTGCGCTGGGGAGTGCTAAGCAGCATTG  
CGACACCGCTTAAGCAATTGACCATTAGCGTGTGAATGCTCTGGATAAAATTCA  
GGTTCGTACAGCCATGGCGGAAAAAAAGTACGAGAGTGCCCCCTCGTGTCTCCGA  
GAGTGGCGACCCTTGATGAGAGCTGGTAGGTGATTGCAAGCTGCGCCTCAATTG  
GGCTAGCGTGGCTTCAACTCGAACCGCCTGGTGTGCGCCCTGGTCATCAGTCAGCGTGA  
AAGGTGCCCGGTCACTGCCGTGTTGTCGGCGCTGCCTGCGTACCTGCCCGCC  
GCCGTACAGACAGCAAGCCATCATCTGCGTGTGAAACCCTTAGATAAAAGC  
GTGGCAGGAAGTGTGGCGTTGGTCCGTCAATAAGGGGCTTGATGGCTTCCG  
CTGGCGCGCGTCGTCAATTGTCGTATCAGGGAAATGATTGATTGGCGATCCTACC  
AGCGCTCGCATGGCAGACGCCAGCCAGATCAAGCGTTGAGCACAGGGCGGCC  
CTGGCGCGCGCAATCGTCGCCCGCCACGCCCTGCGCTCTCATGGGCTGTTCGCT  
GCATACCCGAGTGGCGTAGCGGGCTGGCAGCATTGACGCCGTCGCGTGTCC  
CCTCTCCTGGCCCTGAGAACGCTGCACATGTGGTGGTCCGTACGGCTGGC  
CTGCCTGGGGCCTCCATGCAAAAGCTGAAATTGATGTGACCATGGGATGAGG  
TAATTGGTATTCCCCAACTCAAGCGGGCTTATGTGATTGATTGAAAGAAAATT  
TATGATTACCCATTGAGGTGATCTAGGTAATCCATGCCAAGGGAAAGTAATGTC  
ATTGATTATAAGACTTTCCCTGCACTAGATTACCTGGCTGAACGGTAATCTAGT  
TACCTTGAGATTACCCATTGATTACCTTCAGAAGCTGATCATAAGTATTGATAATAT  
TGTATTGATTGTGTTGCGGAACTCATTACCTAAATTACTCAGTCCGGTGGTCAC  
TTCCAGAACGTTCTAGACGCCGTCATTACTGTCCAGGCCGCTCATCTCACACCT  
CCTAGCGCTAGGCACCCGCTGGTCATGCCCTATTGCACTGGCGACTAGCCTGA  
TCAGGGCTAGGTGAGCGGTAGCACGGAGATCTCTGCGCTTCAGCAGGTAGCGC  
GGGGCAGGTCTGCTAGCGAGGTGGTAAGCGTCCGGATAGCAGAACCTGCCGCGAT  
GCCCTAACAGAGCATGGGAAATAGCGTCAAGGACTGAGTTAGTGGCAAGTT  
CCTGCCACGCGTCACCTCGGCCATGCCAGGCCAGTGCCTGCCCTCGCTCAGCTATA  
ACTGAAACCGGAGCCATTGTTATGGATGCTGGCTTTCTGCCAGTTGCTCACAG  
CTGCTTGATGCCGCTCCGACCGGTGCTTTGTGGGTGATAGTCTTGCTGAC  
ATAACCCGCCAGCATGCCGCGCAGCGCAACGCCGAGCGGCCGGCCCTGACCG  
GACATCGGGAGGGCGGGTATGCCCTGGCGTGTAGTTGACAGCGACAATTAA

TGTGTAAATTGGCCCCACGTCAATTCAATGAGGATATGGCGTGTGGGTACGGAA  
AAAATTGGCGAAATCTTGTGAGTAACATCCCCAAAGAGTCCTGCTGCTCGTCAA  
TCGGGCTTCAGGGAGCGCTGGAACGTGCGTCAGCCGTGGGCGCAACTCCAAA  
GGGGCACCGGAGTACGGTGGTAGGGGTGCTCGCCACTACAACCTAACGAGGCTC  
TTAGCTCTGCTTCGCTGAAGCTGGGCTGCCATGGAGGGTGAGGGCAACC  
ATCGTATTGGTGTGCGGGCATCACGACTGTGGCTGAGTCCATCTGAATAAGGG  
CCGTGGAATAACTCGCGTCTAGCAAGGCCAAGCAGAACGACTGTCCGAGCGCAATGT  
GGCGCGGCCAAGCTGGTACAGCCGGATCTGTATGAAGCCGAGATTGCCGGTCCGG  
AAATCACGGCGTCTGATCACTGAGGGCAGCCGAGTCCGGAGCAGCCCAGCGAA  
ATCTATATTGGTGTGCCAATGCCGTATGGATCTGAAGAACCCGTTGTCGTGGAG  
ACAATCGGTTGTCCTCCAGCGCTATGCCAAGGTGGATCAGCTCAGCGACATCGCA  
CATCCCGCTCTCAAGCTGGCGTCCAGATCAATCCAAGGACAAGTACTCCGATGAG  
TCGCGCGATTGAAAATTCCAGCCTGCACGCTTAGAGCAGGCCCTGCCCTAGGTC  
ATTTCTCGGGTGAAGCTGGCAGCCCGCTGGTGTACGTCAGCAGTGAAGTC  
TTGGCGAAACAAGGCGCAGTTGCCAGCGGTGAGTTGCTTCAAGGTGGCCAGG  
AGTTGAGGGTCAGTCCGAATGGCTGACACCGCAGCCCGCACCTCAGACGTCGCGG  
CCGTATTCCCGGGCAGTATTGCCAGATGAAGGGCAGTCGCGCTCCTGTACGTA  
CGTATCGAATGGTGGCGAGATCGCTCTACTCGAGAGCTACGTTGACTATCCT  
ACTGTCAACGTGCCAGGGCTCCGTTCAAGAACGGCAGCGAGATCTCTGATCAGGA  
CATCGAGCAAGCCGCATGGCTGCCAAGCTGGGACTGAAGGATGGCCCCG  
TTCCGGATGTGGTGTGCTGCTCTGGAGAACGCGGGCTTATTGTTGCCGCGAGGAAA  
CGGGAAACCGCTCGTATTGAGGGCTATCGGCTGGACGACGTCTGGCGCCCCCTG  
TGCTCCTTGTGCCGACAAGCAAACGGTTAGAAGTCGTTGATGCTGCCATG  
AGTTGGACATCTAGCCTACATAGCTACATCGAACAGCGCCAAACGATGCAGCCACG  
CACAAGCTGATCGAACAGCAAGCGCATCGATTGCAAGGGCTTTTGCTCCAGCG  
ACAGGGTTCGTGAGCGAAGTGTCCGTGCCGGTAGCCTGCAGGGGTTGCTCATGCTC  
AAACTGCGGTGGGGCGTTCTGTGGCTGCAATGATCCTGCGCCTCAAGGCTCAAGGG  
GTCATTGAGGAAGCGGACTATCTCGCCTATCAAATTGCGATGCCAAGTGGGGC  
AACAAAGCAGGAACCCAAAGGATGAAGAGCGTACCCCCGAGTTGCCACGGCTGCTGGG  
ACGGACTGTCGACCTGCTCACGAATCGGGTGTGTAACAAAAGAACGCGCTCCGGC  
GTTGCTGGCTTGTGGGCGGATCTGGAGGGCTGCTGGACTGCCGTGGGGTGC  
CCTGACCGTCTGCCGGAGTGGTACGTTGGCGGGCGCTCCGTAGA  
GTCAGGTGCCGCAACTGCAATGCGCGAAGGGACAGTCGTGACATTCCGGGGCGGC  
GCAGCTAGGGCTTAGCAGCGTAATGTATCCCTCGAACCTCGGGAAAATTGCTGAGCCCC  
CAACCTAGATGGATCAATGCTTGTGGGGCGGTTCGGGAAAATTGAGCG  
ACCTATTGATCTGACAGCTAAGTGCCTAACAGACTCATAATCCTTGGTCCAGGTTG  
AATCCTGGTGGGCCACCAATAAAAAGGCACCTGACGCGAGTCGAAG

>CONTIG\_107\_length\_4635\_cov\_6.492014

CCAGGGCCGCGGGCACAAACCCACTGCTGCTGCCAGCGCGGCCGCGTGGCCGCA  
CCGCCGGCCCAGCCGCCGCATTCCGCGCAATGGCGTGTGAACCTCCGACTGCGCG  
GCCGTGGTGTGCCCTGCTCCATCAGCGCCGAGGCCGTGCGCGCGGTATCACCGCA  
TCGCACCCGTGCCAGGAGTCCGCCGGCACGGTAAGGCCGCGCAGAGGCTTC  
GCCCATCAGCAACTGCATGGCAGTCGCCACGTTGCCACGCCACGCGAATGTT  
CTGTGCGGCCTCCTCACCCAAGGTCTGCTGACCTTGAGGATGCCCTGCTCGGACAA  
GACCACGCGCCCGTGTGGTGGCGTGGCGATGGCGAGCGACAACCCGCTGCCT  
GAAGCTGGATATCCCCGCCCCAACGATGGCGGTGTTGCTGACCTGAATTGGTTGA  
GTGCGGTGACGATGCGCAGTCGGAGTGCACGGCACCCAGCCGTGGTCCACC  
CCAGTAAAGCCCTCAGGGCTTCAATCTGTTGGCATGGGTCTGCTGGTAGGTGGG  
ATATCGCAAAAAAAGTCTTGAACCTTTGGTTGGTCTGTGCAGGGGTTAAACCAACG  
GGCGTATTGGTGTCAAATCGCCGTTGATTAGGCCTACTTGACGGTATCGCGTAAG  
TGCTCGACGCGCTGGACAACACGGTCCATGCCGTTGGTCGCCCTCCAACATGGCT  
TGACCATCTCTGGAGCGTTCAATGAGCCGCAATTGCGACAGCATTCCATACTGATAT  
TCGCTGAGTGGACCACCGCTATCGGGCGTGTGATGCCCATGTTGAGCGAACGCGGG  
GTTGGCCGGCAGGAACAGTCGGTTTCCGGTGCCTGGATGTCAAACACTCCCCACCCG  
TTGCAACTCATCAAGCAACTCGCTGTTCAAGCGTCTGATGCTCGATGTTGTTGG  
TCCTGGAAAAGCGTCGGTAGTCGGCACAGATCAGGCTCCTCCTGTGACCTGT  
TGCTCGCCTATCGGTGACCACGTCGTTAGAACACCAGAGGCCGTCCACTGTCCATCG  
GTGCCGATACCGGCTGCTTACGGCGTCCCTGAACAAACGGTCCGAGAAAACGCC  
CCGTGGAAAGCCAACCTAAAAACGTGCGCATACCGAGGACATACGCTTGAAAGC  
CAGCGAATTTCACCGTCAGGTCGAATAACTTGCCCTCTCGAAATCATCACTGAC  
TTCGATTGAGCATAGATGCATCCTCATCCAACGCATCCAATGTGCGAATCACTTC  
GCACAGGTAACGTTGGCCCTCGAGCCATCGGCCAAGCGATAGTCTGTCTCGAC  
AAACGCGAACGCCAGGATCCACCGCTTCACTCGACGCAGGCCTCTGACA  
CCAGCCAGTAGCCGCTGAATCCCCCTCCAGGTCTTCAGGAGGCACGCCCTCACTAG  
GGTGGTAGACCAGGCGTGGAACCTCGCGCAAAGCAGGAAATCCGCCATCCTTGGC  
CTCAGAATCAGCCTAGGTGGAGTGAGGAGTGCTTCTCGTTCTCAAAGACAACCTCA  
TGGCCTTCCCCCGCGCCGAACGTCCGGCTGCAGGTGGAAGAAACTCCCCCTCTG  
GGCTGATTGGCGTGTGTTCCATCGCTGCGTCCACCTGGGTATGGTCTC  
CACTTCAGTCGGCCAGAGTCTACCGTCCGATGCCGACTGGGCAGACAAAAAGG  
AACACGCCAACACCGCGCTGCTGCTAACCGTCAAGGTGGCTAACGCC  
CCGGCTGCCACCCCTGCCAGCTGCCATTGGTGTACAGAACATACGCTGCCAC  
GGCTCAGGTCGATGCTCGTGCCTCGTAATCCCGCTGGCCTGGCACGTGGTAGATCT  
TCTTGCCCTGACGGGAGATGTTGCCCTGGTGCCTGGACACGGATGGCG  
TGGCCACCTGAGCCTGGCGGGCAGCCTGGTCCCGCTGCCGCCGGTAGTCCCGGG  
GCATCTGGAAAGGCCCTGCCAGAGGTTGCGCCGCTGCTGGCGCGCATCGGCTCGT  
CTGCGATGAACGCCGTGCGTATTGGCGATACCGACCGCCAACCGGATCCCACC  
ATCCACCGGTTGACGGATTGCCCTGGACGAAGCACTCGGCCACCAACTCGGCC  
GCGGTCCGTGTCTTAGGCTGGCAGCGAACGGTCTGTCCAGCACATAGCC  
GTCCAG

CGCGGGCGGCGGAGCGCCGACCGCAGGGCCAAGAGCGTCCGTCTGGTGGTCATT  
GCTGGGTGCTTCCGGGGCATCGATGCCAACAGGCGGATGCGCTGCTCGCCACCG  
TGAGGGTGTCCCCGTCCGTACGGTCGCGCGGCCGACCAGTTCTGCTGCCACCCAG  
GAACCGAAGCAAAACCAAAAGCAAAACCACAAATCCTTCAACACCATCAACAAAC  
GAECTCCTCTAAGCGCACGCCCTCGCGGAGCGCCAGTTCAAACGTGGCCCACAT  
TTAGCGGAAGTGGAAAAAGAAAACCGACCAAATCGAAATTCCGTAGCCCTCAAT  
TAATTTCATCATGCACCGTCTCGAGAATCTGCATCTAGGTTTCTGCGAGCGAC  
CCAAAGCCTTCAAAATAGCCGCCCTTACCCCTAGAAGACGGCACCGCCCAACCA  
ATGCCGGCGAAATCGCAGGCACGCTGGAATGCATAACAGAAGCGTCGGCTGACCGAG  
CCGATCAAGCCCGCGACAAATAATATGCCCTGATGGAAGATTGTCCTAATCAT  
GCCTTCCGATGAATAGCAACCCATCCCAGAGCAATCGAAGGTTCTGCCCATCGTC  
AAAGCGTTATAATCATCCACCTCAAGCTCCGGCGGACATTGTCGACCGACGAAT  
ATGCTCCTGTTCTGCAATTTCGAATCTAGCAGCCGTCTCCCTTGCAAGTGCCATT  
CCGCTGAAATAATCTTCAGGATCCACACCAACGCCGACCTTATAAATCCAGTAAAG  
AGCTCCCCACTCTACCGGGCTAATGCTGGCACACGCTCCAGAGTTAGGCGCTAAA  
AAGATCCGATGAAACTTCAGAAAGTGGGATCTCACACCCAACCTTATCGACAACC  
ACGCCTTACTTGAATATTGCTCAACGCCATTGAAACTGCCTCCAACACTCCG  
GCTTGCTCCATCTCCTGGCGGGAAATCCTCCAAATCTGCTTATTCCACGCACT  
TCTCTGAGGAAGACGATCCGCAAATCAACAAGCTCGTGTCTTATAAAACTTAGT  
CGCCCCACCGATATCCATTCTCATCTAGCTAAAACCAATCAGAAAGAGGGCATCATT  
CACATACACTCTATTCTCATCAAACCAAGACTGAAACGCATCCAGATTGACTTGTCT  
GGGCATACCGGAGTGCTCAACGTCTCCTTGGTAGCCGCATAGCGGAAGGCATCTCC  
ATCTACATCGGCTTTGAGAGCTCGCAAACCATTGGACGCATCTCTCCATATGGGG  
CATCAAATCCGGCGACTTGGCGGACCCGATCCATCAGATTCAAAGAGCCTCGA  
AAGATCATGCGTCCGGGAGCAGTTATTTCAGCCCTCAATTCCCTACTCGCCTA  
ATCATTGTTAAACTGAGCTCCACATAGTGGCGTGCACAGAATATTGAGGGTAA  
ACAATGGCATCTACCATCACATCAGTCCCAGGGCAGGGCTGCTCTCCGGTGGCA  
ACCTGCCTAGCCACTGCGGTGAGAGCACCGACCGCCGCGCTCGTAGCCCCAAATGTAT  
GCCAGCTCCGTTGGCACCGAGCGGAACCTCTCCAATGGTCGCATCCATGCCGGATCT  
TCGCCGTGTCAAACGGCCCTCAAGATCTCCTAGCCATCAGACTGTCCCTCGTT  
ATTGTCAGCCGAGGATCCTAGCAAGCTCTGGTCATTGTTCCATTCAAGCATCTAT  
GCGGAACGGTAAAATCACGCACCGCTTGATGCCCTCGACCAGCCCTGTTGCGCT  
CATATCTAATCTCCGATCCGCCCTCCATATGCCCTGAGATCGCTCGGACGACTCG  
CTATGTCCACGAAACGTACTAGAGTGACCTACATTGCTAGGCTCTGGCGGAGACC  
TCTGAATACCGACACCCACTCCTCAAGACGGACTGGACTCGCGGCCGGGAGA  
AACGGACGGGCACTTAGCGGGAAAGCGGAAAGAGAGAGGGAGGGCTATGCCACCC  
CCTGCTGGCGAGGCTGATGTGCTGGTGGCGCCAATGACTAGATGGTCGAGGACTC  
GGATGTCGAGAAGCGCCAGCGCCTGCTCAGACGGTCGGTACTTGGCGGTGGCTT  
GGCTGGCTCCGGATTCCGCTCGGTGGTGGAAAGAGGATGACCGCGGCAGCG  
TTGAGGTCCAGGGCTCGCTGGCGACGACTGGCTGTGGACTTCGAGCCGTCGATT

GTGCCGTTGAAGAGGTGCTCGTGGCCAGGATGTGGTCTGGTGTGAGGAAGAC  
GACGCCAACACTCGTGCAGGTGGCGCAGCG

>CONTIG\_108\_length\_4623\_cov\_10.571619

GTTCCACGCCCTCCGCCATACGCTGCCACTGAGCTGACGTCAACGACGTGCCGGA  
GAAGGAGATTGCCTGGTCACCAGGCCACAGCACCGACCCACGGGATCGGGTCCAGG  
TCTTGCAGCAGCACTACCTGCACAAGAAACCGCAGGTGACGCCAGCAAGCAGCCT  
GCCGCTTAGAGCTGTATCAGCCAACGTGGAGCTGCCCGCTACCCAGCAGCGGGCA  
GTTTGCCAAGTCCTGGCAGATTCAAGCAAGTTCTACCCGTAACGCATCGAAAACGC  
TGGCCAGCGAGAAGTCTCGCTGGTGCAGCGACCGGATGTCTGGCCTGTTGATCCGGA  
GGGCTGAAGCTAGAGCTGGCTTAGGCCAAATCTTTGCCGCGCGGCTGCTAGCTCC  
TTAGGCAACTTAGTGACGCAGTGGCATCGAAAACCAACTCTTTGGGACACTTTTC  
CAAAAGGACTCAATGGCGTTGCGAATTCTGCTCAAATGCCGTCACCTCATG  
CTGGTGTCACTCAGGGAAATGCTCGAACCCATCCATTGACCAACTGGAACAAACTCTGG  
TAGGCCAACCGGAGATCATCCATTGACCTCCCTGCCGTGTTGACACATGACG  
ACCAGTCGATTGCATCTAGGCAGCATATCCTGGGAAAGTCGCAATATTAGTCCA  
AGTGCCTCCAAAATCTTCTAGCTGGGTGCTATCCATCGTCCACATTGCCCTCTCG  
TATGGATACTATAACAAACCCAGGTAGCCGAAGCTGATCCACCAAGAACCGTCGC  
CAAGCTTGTCCCAGTGATGAAACATACCCGCCACAACGCTTAGGCGAGTCCGCTCG  
TGCATTCCGAGAGCAACTCATAGAACATGATTCCATGATTCTGGCATCCTCAGCC  
TGCTCAGCCTCGTGAATGTCTGGTCGAAATTACGCCGGAGGATTCCAATAA  
GCATCCGCCGCAGCATCTGCCCTCCGCCAAATGTTGCCGAAATGTTGAAAGCAGCCTC  
TCCTCGCCTGTTGGACGTAGAACGATGTCCTGCGAGCAGCGAATGCCACTGG  
TCATCTAGCATGAAAGCAGAACGCATCTGGAGGTGATGCTCTCCCTCGACTCAA  
CCGGAAAGCTGAGACAACCAATTACCATCTCACGAACTCCTGCTGCATCCTCACAAG  
TAGCGTCCACACCCCTGGTCTCAATATCAATCTGACAAGTAAGCCAAGCGTGG  
TTTTTGCCCGAGGCCAACGTGAGGCTCTAGGCCACGACTCCAGAGCCAGATGG  
ATTGATCGCGAAGTTCGTCACCAGCGAGGCGATGTGAGCACTAGCATCCGCTCTC  
CAGCTAGAACCTCAAATGCCCTGGATGCCGACCGCGCTTTCTTAGGTAGGC  
CGCTCGCTCCAGAGTGATGACATCATTGAGCAAGTCTCGCAAGGATTCCCTGC  
AAGTAGCGATGTCAGGATCATCTCCCGAGGAAACCATGCACCTGCCGTTCCGA  
AAGGCATAATCAAGATCCACGATGGCGACGCCGGAAAGACCCAGAGCCGAAGGA  
CCTCTATCGATTTGGTATGGCTACACCGCTCATTGGCACAATGCCAGCGACG  
ACTGGCCAACGTCTTACCGCAATGCCCTGGAAAGAGACATGGGAGCAGCCGGAGC  
TCTGTTTCTCCGCCAGGATCACCTGTCAGCGAACAAACACCTGAGAAGAGTTG  
GTCAGACTAAAGATTGATGCATCTGGTGGTGGGATTCTCCACCAACTGTTCTATG  
ACGGATAGCAGGCCGGCCTGCTCTGCCCCGTGAGGATGTTCTGGTGTCAAC  
AACCGCTTCTCGCATCCTGGCAAGGATCATCTGCCGGAGTGCCTGAGAACACA  
ACCTGATAACCCAGCTCCGACAAAGCTCGAAGTGCTCACGCACCTGTTCCACGGCG  
AAAGGGTGCATGAATAGCTCTGGCTCATCCACTAGAACAGCAAGGTGGGCCACCGGC

GGCTGCCGCTCCTCTTTAAGTCAGCCAAATGCCGGACCATAGCCATCTGAATCGC  
TCGCTCGCTCCATGCCATAAGAGCGAACGACGTCCTGCCGTTACCTCGTA  
GACCTTGACGGTCCCCGTTAATCAGGTATTGAAAGCCGGAACAGGGAAAGTCGA  
GCTTGATGCTGATCCCAGGGAACAGGTCCGAGATCTGCCGTTGATGGACGCATCGA  
TACGCCAAACTCGTCAAAGCGGTGCCCCCTCAGCTGAAATCATGCCAAAATTG  
CTGCCAAATAAGGAGTCAAGGTTGCTCGTCTGCTTGAATAGCAGACAGCATCG  
ATGCAAGCAGCTTCCGATGGTCGTAGTCGTTGGCCTGCTCGCCTCCTCCGC  
GTTCTCCATGCCAAATCGGGATGGGATCCGGAAACAGAGCAGTGATGGCGTTATC  
GATTCCAGTCGGATTAGGGTCCCCTGGCTGGCTGGTCCATAATAGTCAAAGT  
CACCTCACCACCAGGCACCTCCTGGACTCGCCGAATTTCAAGGATGCCGTCGTAT  
ATGTGGCTCGATCTTACGGTCTGCCTCCAGAACATCTAGATCAGCATCCGTG  
ATGCCGACCAGCACCCCCGTAACCTGGACGGGTTGAGCTGGCTGGAAAGTCTTC  
AACGCCAACTTGGCTTCGGACTAACCACTGCAACGCTGTGAGGCAGTGCTCTT  
TCCGCAATTGTTAGACCGACCAGTGGAGTGAAGTTGGTAACTGCAAGGAAGTAG  
CAACACAAGAGCGAAAATTCCGGATATCCAACACTTGAGATGTAAACAGCCATTCTT  
TGCCCCCTAGTTACAGCGGTGAATTACTGAAAGCTGCCCTCATTTGATCCTAAAGGCA  
ATTGTTGTGTTGCCACCAAGCTCAACTATCACGTAGCCGCTTTCCGTCATGCTGT  
GCTGCTGCATAGGTAGAACACCGCCTTCGCCCCAGTCAATCCGCCGCTTTT  
GCTTAGTTACAGGCAGGCCAAGCCTCGCATTCAATCGGGTTGTATAGCACCCAAAT  
TCGCATGTGCCAGGCCAAGCCTCGAAATGGCATCGAACGCGCTGCCGATAGTCTC  
TACCTCCCAGAGCCAAGCCTCGCATTCAATCGGGTTGTATAGCACCCAAAT  
CAGCCGATCCCACCTCGTAGTTGACGGCTGGAAACCCGGGTACTGTGCTGCCCG  
CTTACCAACTGGTCGGTTCCCTCACTGGTAGCGCAGACCCCTGATAAACGAAGTC  
ATGGCCCCGCTGGACGGCAGTCGCATCGCATGCAAGCAGAGTAATCAACCAGGG  
AACATCCCAACAGCGCGCAGCGTCGTATTCCGACAATGCAGAGGTGATGGCAGGA  
GCATTCCCAAGGCCGCTCCCAAGCCAAGGAGGCTCAACCAGCTGCTGGCGCAC  
ACTCTCCATCACTACTTCTTCAGTCCCAGCCAGGTGACGACAACGTGCTAGCGCAATC  
GCGAACAGAACGCCAATCACGGCTTGCCAGATTATCGGCCAGCCATGATCCCAG  
CCTGCTGTAACACTTGCCCTCACCTGGGGGCCATAGATATAGCTCCCCGTGACGTC  
CGGCCCTCACCTACCAAATCCTCATTGCTCCAGAACAGTCCCCATGAACATGAC  
TGGGCCGCCCTGTTGAGCTCATGGTGTGGCGCGACTATCTCTTGAGCCTT  
TCAAGCGTGGCTCAGCAGCCTGCGCGTCACACGTATCGAGGTCCAAGTGATGTC  
GCGGGTTGGACCAACGGTGCAGTCAGAACAGTGGTGAAGCGTCCGCTACCTCTT  
CCTCACAAAACGCTTCTCAGTTCACTGGCGACAAGTCAACAAAGAGGGCTGCTT  
ATTGTCGGCACCTTGAGGGTGACGAAAACGTGGTGAAGCGTCCGCTACCTCTT  
GGCGGTCTGCTTCACTCCATGAGCAGTTCTGCACCAAATTCTGATTCTTCTG  
AGCCCTTGTGACCACTCCATGGTATTCTGCTCATCGGATAGCGCAAAGCAGA  
GATTACTCTGGCTTGCTCACGGAAAAGATGCCTCTCGAGGCACCGGAAAC  
TCACGCATGTGGCGCAGCAGCTCCTTGCCTGGAGGCAACTGGAAATCACC  
AAGATGGCCTCCGCCATGATGTCAGTGGCTGCATGGAAATAGGCCACGGCAGCTC

CAACGCCTCCGCCAGCTTGCATGCTTCGTTGTCAGGCATGCGATCCCCTCGCTCG  
TAGCGCGAAATCCTGGGAGCTGCCGAGTTCTGTCCTCCAGCCCCAAGAACAGCCCC  
AAGGCGGCCTGGTCATGCCCGCGCAAGCCTGGCCTCACGAAGGCGACGGCCAAA  
GGTGTATGCGGGAGGCAGCGGAGCAGGCATGAAGACCAACGAAGGATGAATTGAC  
CCCCAAGTCTGCCGCTTCCAATCCTGCGCTGCATTGCCATATTGCAAATACGCCA  
AACGGGCGGTATTGCAGGGG

>CONTIG\_109\_length\_4591\_cov\_97.648970

ACCGGTACCAGCACCTCTGACCCCTGGTAGTCCTGCTCCACCATCCACACGATGTCC  
TGCCTCAGCGCGCTGCCCTGCGCGCGGTGAGGCCACGCCATGCTTAGTGCAAC  
TGACCTGCGCGGCCACGCCGGATTCCAGCAAGGCGCGTACTGCGCCACGCCATC  
GGCGTAGTTGCCAGATAAGCGCGGCCGGTGAGCTGGGTATCTGATCCAGCACCA  
GGCGCTGCTCGTAGAAACCATGCCAGGCCGGCTGAGTCCACTCCGGGTACCGC  
CCAGCTTGTCCAGCAGGAAGTCGCTGCTGATGAAGTTGCGTAGTTGACGAAGCGCG  
GATCGGTCTCGATCAGGTAGCGACGCCGGGCCGTTGCTGCGCCAGGCCTGATG  
CCACCAAGCCCATTGGCGGCACGCCCATCGCGTGCATCGGTGGCGGTACCGCT  
GGACAAGCGATACAAGCCCAATGGCAGATCGATCTGCGTCAGCGAGGTTGCG  
CGCTACCCACAATGTTGGTACCGGAATGGTGGCCGGATCGACTTGGTACGGCTGT  
CGTTGCGACGGCACCTGTGCGCCGACACCATTAGCGAAGCGCCGCTAATGCCAC  
GACCGTCGCTGCCGACGCCGGCATGCTGATGTTGGCGCCGTTGATGCTGACGCCCT  
CCGCCGGTCATGCTGGCGCCAGGGCGCGTCCGCTCAATTACTCCGTCCTGAGG  
TTTACTCCTGAGGTTTCGAGGTTCGAATTCTCAGCCGTAGCTGCCTGTGCGGCTGT  
CGGAATGGTTACGGGTCCACGCCGGCGCTGACGTAATTTCGGGGAAAATGCAT  
TTATATAATCAGCTAGGCCCTCACCTAGTCATTGGAGCAAGGACAATATTGTAAT  
TTTCCTTCCAAACATTAACCACTCAACCTCGTGACAACCCGCTCCCACTCACTCTA  
GCTATGAACATATTCTCCGTTGGAGAATATAATAAGCCACTTTCTCATCCAAAT  
CTTTTTATAGTTGCTTTAATAAGGCCGGATTGAAATCCTCCACTCAACCGCGG  
CGTTAAAATTGAAACCCGCCAACCAAAGAAAATATCAACGGGAATAAAAATA  
ATCCAACCTACCATGTCAATGGTGCAGCCTATTAGGGCGTACTCAACACCAAAAC  
CACTATCAATGACAATGTAAGAAATAGCAAAATCGAAAAAAAGATCCAACGAG  
AAAATAAATTGTTATTATAATTACTGAAAATCGATAAAACTTTCTGTTAA  
GTTGAAATCACCCCCCCCACAAACCATCAAAAATTGACCAATCATTCTTGTA  
TCCTCGTCTTTTCAGCGTAATGGTCAGCTACCGCATTAGCCGAGTCTTACTG  
ACGTGCTCACGGCAATTATTGGCTGTATAACAACCCACCAAGCTGTCTTATGCT  
TTCCATAAAATCCTATTGCAATCCGCCCATCCAGCATTGTTGGTAGCCATTCCA  
CCTGTCGCGCCAATAGTGGACGAAATAGCTAATTAGGCCACGAAAATTTCGGAA  
AATTTGAAAAAATTGATCCGCCATCAGAATAGGATTCCCTACCGGAACCTCAAGCG  
ACTCCTGCAGTATGTTCCAGCCCTGTCACAGCTCCTTAGCCCCCACCGCCGCTA  
CCTCTGGCAAAGCGCGAACGCTAGGCTCCCTGCCCGAACGTTGCACCAGCAAGT  
GCGACTCCCCAACAGATGTCACTAAAGTTGCGTCGCCGCGACGTGTCAGCGAA

TCTAAGTAGTCCGAGTTGAATTATACTGCAGCACATCCTGCTGATGCCGCCTGA  
TAGAGGCCGTGTAGACCGTGAGGAAGTTATCGAACTGGAAGCCAACCTTTCCG  
TACAAGTGAAAGTCGTTGATTAGCATCAGTGCCTGGAAAGCGCGGCCAGGC  
GTACTGGTGGTATTAGTGCAGGAACTCTGAGCACTCTCATCACGTTGGCATT  
GCCAATAAGGCCGTGATCTCCGCATCGACTCGCGGGCCGCTCCACGGTAGGCG  
ACGATTGCTTCCTCTCGCTGATTCCCTGCAACGCGAACGCCTCAGCGTTGG  
CGAATCCATGTCACTCATCAGGATGCAACTGCCGATTAAACTGATCTCCGCCAGC  
GCGGTCGCCGCCAAACTGCCACCCGCAATACGCCAACGCCGACTTCCTAGT  
TCCATGAGTGCAGTTGTAAGTCGCCGGTCGCTAACGCCGTTCTGACCAGGTAATCC  
GACATCGCAGCCTTGGCTGCCTCAGCACCCCCAGCGCCAAGTGTCTGTAGAACG  
TTTCGCCACCGAGGGCAGCAATGCCGCCAGTCAAGCCATGCAGCAAGATTG  
TTCGTACCAACCATCGCTCCATGCCCTCAGACGTGCCAGTGCCTGAGCTTCGACGCT  
TCATCTGGTGCCTGGCTAGATCAAGCTGAGCTTTGATACATGCCGAGGCAACA  
TCACCTACGACCCGAACCCAATCTCTCCGCCAACCCATCAGTCCCTTGGTCTT  
CGATCTCTTCTGATCGAAGATCTCCTCAGCCGGACTGCTGCAACTCGGTGGCAC  
TGCAGTCCAACCCGCCAGCGCAGACTCGCCATTGCCGATCTGGATCGTACCGG  
CGCGATGTCGCTTGGCTGCTGAGCTGCTGGAGTTGCCAACATGC  
TTAGTCCAGCACCAGTGGCAGACTGGCCATGCTGCTACCTGTGCCGCCGCAACTG  
TCACACCGCTGGCTTGTACTCGCTTATTCTGAAGGTCTCGACCGTCAGGCTATC  
GGTGGACAGCCGATTGAGACTGGCAGCGGCTGCACTGGCAATCGGCCGACCA  
ACTTCGTGTTGCCGCCACGGTATGCGAAACCTCCATTGCCCTGCCGGATGCCGC  
TCTGCTCAGTCACGCTGGTAGCTGCTTGCACCTCTGCTGGCTGTAGCTGCCGC  
GCTGCCGAGCCAGTCGCCAGCGTCAGGCTGCCCTGCTGCTGTTGCTTGTACTC  
ATTGGTGCCTGCTCGCTTGATCAGCAGATCACGCCGACATTGCCAGGACCTT  
GTTGCCAACAGCTTGTGCACCTGGATCGTAGTGTGCTGCCGCTCACTAAGGTCAA  
CGTGTGTTGGCAGTGACCACGCTTCTGCGCGCAAATCGCTATTGCCCTGGCGCT  
GCCCTGCCCTGCAGACACGGTAGGTTAGTAACCCGTCAGCGCCGACGCTGACGC  
CGATCTACCGCCCGCTTCTGCTGGACTTGGTAGTGTGTTGCCGCTGATTGCT  
GAGCAGGTTGAGGTTGTTAGCCGAGCCAAGGCCACGTTCTGCCAGCGATCTGCT  
GCCGACCACGTTGAGATGCCGCCGCTGCGATGGTGACATTGCCATTGCTGAG  
GATGCGGCTACCGCCGGTTCTTCATGCGTGGTGTTGCTGAAGAAACTACT  
GGCGCCGATTCCGATACGCAGACTGACCCAGCTGCATTGCCGCCACCGCACC  
ATCTGCCGCCGCTGCACCGCTTGGCTGTTCCGCAACTGCTGACCGTCATA  
GCCCTCAAGCCATTGCTCGCTAATCCGCCGCGTCACCAACGGTAGCCTGCC  
TGCAGGCTAGAGCACCTCAAGCGATCATCTCGACCTCCGATCCACGCTGGCTGC  
GCCGTAGACCGCTTGTGCAGCATCCACCAACCCACCGGTAATCCAATGTAATGCC  
CGCACTCTGCTGCTGGACGTCTGCACCGTATCCACGGTATTTCCGCTGCCGCAAT  
CGTACTCCTGCCGACGATGGTGGTACTTGTGCGCTCAGCACATCGCTGCC  
GATGGCGACCTTGGTGCCTGGCGGTGATCGTACCGAGGCCCTGGTGTGCCGACCA  
GCTTCCGCTATTGGTACTCGGTGACGTCCAGGCCGTCGGCCTTGGTGACGCC

CAAAGCGACGCTGAATCCGCCGCCGTAGAGACCGGACTTCTGACGGTCTCTC  
GTGTTCTCGCTGTGCGTGTCTGCACCGTGTCCAGCGTCAGGTTGTCCTGCGGCC  
AACACCACATCGCCGGTGCTGGCGACCTGTGCGCCTGCGACAGCAAATCGTTACCG  
GCCCGCATCTGCACCGTGTGCCACTGAGCGTGGTGGTACCGCAACGTTGTCGTGC  
CACTCATCATGCGTGGTGTGGTCTGCTGGAGAACGTGCCCTTCTTCTTGGTCA  
TGTCTGCACGGCATCGTGCTGTTGCTGCCGGGAGCAGGTTGACGTCGTTGCCGG  
CGGCCAAGCTGATAGGCCGTTCTGCTGCAGCGGTGGCGGGCAGGTTGATGT  
CGTTACCGGCCTGCATGCCAGGTTGCCGCCGGCTTAGCTCGGTGCCGTGGACGG  
TTTCGTCGCTGGTGTGGTCTGCTT

>CONTIG\_110\_length\_4583\_cov\_5.882630

CGGCGCGATCAGACCGAGCAAGTGCTGCCACCGAACCCACTGCTCCATCTCGGCCA  
GAAAGATCTCGGCCGGGTCTGCTTGCCTGCCCAGGCCCTCAGCGTCACCGAACG  
TCAGTTGCATGGATCACTCCTCAACATGAGGGGGTAGTGTGCCTGATCTGTGGTGC  
GTTGTTCAGAGTTCCCTAGTGCAGGCCCTGATTCATATGCATGCCACTCATGCC  
CGTTGGCGCGCAAATGCCTCTCGGCAGGCCGGTCTAAATAGGCGCGCATGCAGT  
GTTCGATCAGTCCGGCTCCGTCGGCAGCCAGCGCTGGCACGCCACGCCCGCA  
TATGGACGTGCGGATATGAAAGGCCGGCACTGGCCGCCAGGAATGCACACAGT  
CGTTCCCAGCTCGATTGGTATCAGTGGTGGAGCACTAGCAGGCCGGCCGGTATA  
TGCTCGATCACGCCGGTCCAGCGCCGGAAGTAGTCGGTCACTGAAGGCCGCGCTC  
GCCAAGGCGCGCGCACAGATCGCGCGCAGGAAGTAGTCAGGCCGGCCATGGG  
CGCCAAATAGCGAAGGTACGCTGTCGCTGCCTGAGAAAATAGTGCCTTACCGACT  
CGAACCAAGCGTCAGGATCACGGACGGTCAGGATCACCTGGCGTGCAGGAAACGC  
GCCGCCAGTCCATCCAAAAACAGCAGCCGGATAGTCGGTGGTCGCCGATAGCC  
AGCGAAAAGCCGTCCCAGTCAGGGCGCCATCGATGCCGCCCTCCATTGCGGCA  
AGTCCTGACGCAGGTTGCCGCCAATTCCATCGCGTGTAGCACCGGCCACACCGA  
GCCGCTCGATGCCAGCTTAGCGAAAGAGTAGCCCGTACGACCCAGGCCGGCTCCA  
ATGAGCTGGAGACTCACGACGTTCGCTGCCGTGGCTGGCTAGCCATTGCGCTACGT  
CCACACCTAGCTCCGCGTCTGCTGCCGGAGTAGGCCTATTAAATCAGCCGGCA  
AGACCTTACGCCAGCGGCCATTGCCCTGGTTGAAAAACGCCATTGCCGCCCTCGC  
GCCACAAACCGGCACCTGCCACGTAACGTGCCCATGCTGACGCATATAGTCG  
AAGCGGCAGTGCGCCACAATCGCATCCACCTGTCTGAAGAGATCGGAATGCCGAG  
AAAAGCGCGATGAGGCCATTGCCGGCAGGTATCGAGCAGATCGCGTAGT  
GTAGTAGCAGCACGTTCGCATCCTGCCCTCGTCCCACCGAACGCACGTTTCCC  
ATAATGGCCAGAACGGAGCCCCGTCGTATTCCAGCCAGTGCGCCACGTAGGCATCG  
CGAGGTAGGCTCGGCCGGCACCACCGCAACTTGCCTGGGATTTGCCCTTACAGC  
GTGCAGGCGTGCCTGCCATCCTGGCTACCGCGCATTGATGGCGTACAGGCTCAG  
GCCCATGTCGCCGGCGATGTAAAGGTATCTAGCGAGCGGACTAGTGA  
CCAGCGCATCGGCCGGTAGGTGTCTCATGAAGGCCGGTGGCTCGGCCCTCA  
GCAGCGCAGCTGGTGCCTGCCGGATAGCGCTGTACCCAAAGGGAAATTG

CCGAGACATCAATGTCCGGTTGCCGCCAAAAATTAGCTGGGCCACGATCTGCTGCA  
GCCAGGTCGTGCCTGCTTGGCGTAACTAGCGATCACGATATGCCCTCGCGTAGCG  
CTAGATCATTCCATACGCTGGAATCGAAAAATCGGTTGGGATATTCCCGGGTTTCT  
TGCAGACTTGCTGACTAATCATCGGGCGATACCGGAGCGAAAAACGCTGTGGCGC  
ATGCGCCTGCGCCGGGGCGCTGAGCGTATCGCTCGTGGCCGAGCGCAGACGCA  
CATTAAGTGGCCGCAATAACAAGAGCGGGAAAGGGCGAGGGCCGCGTCAGGAGC  
CAGATGTAGGGTGCACGTGCGTAATATGGTGGCGATGACTACGGTACACTGGTCA  
GCGCCAACATGCTGCCGATGCAACTGCGCAGGCCACCTCCAAAAGGAAGCAGCTA  
TAACCGGCCAGCGAGTGGTGGCGTATCGCAAGCCAGCGTGCAGGGCAGGAAAAT  
CTCAGGATCGGAAAATAGCGCCCGTCGCGATGCACGACCCATGCACTGACGAGCA  
GTTGGGTGCCACAGGGACATGGAAGCCATTCAATGTGGCGTCGCGTTGCGCAATC  
CTTGCAGGTTAGCCAGGCCGGTGGATACAGACGCAAGGACTCCTCACACAGGCCG  
CGTTGCGGCAACCAATCGAGCAAGCTGGTGCCTGAAGCGGATCGGCATCGGCAT  
CGTCCAGTGCAGTGGCTCTTGCACCCCTGGCAATCTGCCGGTGCAGGCCA  
GTAACAAACAAGGTCCAGGTCAACGCTGCAGACATCGGCTCCAGTGCCGACATCAGT  
ATCGCCGCCGCTCGTCGCCAGTCTCCATCGCCTGTGCGGTTCGGCTAGC  
AGCAGGCCAACGACCGATGCTACATGCGCGGCCGCTGCATGCTCGGCCAGGAT  
CCGGTCCAATGCCATGTCAAGATCCGACGTGCGCGCAAGCGATGCCGGTTG  
CAGATGCCACCACAAGGGAGCCATGGATTGACAGCGGGTCTGCTGCAAGATGGCA  
TCGACCATAGGCAACATAAGCAGCAGGTCTGGTGCCTGCGGATCACCGAGCAG  
GAAGCCGGCGCCAATTGCGCGCATAGCCCAGTCATTAGTGTGCGCATGCTGTAT  
CGCACAGGATTGCCCGCTCGCGCAATAAGATCGGCGGCCAACATGCGTGTG  
TTGCGCGTCGCGACCAACGTCGACGAAAGGCTGGTTGAGCGCCCGCTTAT  
GCTGCCAGACTGCGCCAGTGCTGTTCATCACAGAAAGCAGGAAATGCAGGGCGCCG  
ACGCCCGGGTCCGCATCGACCTGCCGTAAAGCGCACCGCTCGCCAAGAACTGT  
ACTGATCGCGGCCGGTGCAGCGAGCAGATAGGTTGTTAGCAACCTGACTACATC  
GCCATGTTACGAACGCACTGCAAGGAAACGCCAAAGGATCTCGGAAAATGAC  
ACCGGTTGCCGAATGCCAGTGCTCCGGACCCGGGGGATAGCGCTTGTAC  
CTGAAGTCATGCGCGCATCGCAGGTTGCCAGCGACTAAAATTGGCACGTTACGAATT  
CTGGAGATAAAAGCAGACCAACGAGCAATGCATTACGTGTGCGGTTGCGAGAAAGAGAC  
CTCCTTCCCGCAACAGTGTGGATGGTCAATATCCGAAATATAGCCAGCTGCGG  
CCACTGATGACCTGAATCCAACGCGACAGCGCTTGAAGGAAATGCTCATGAAGATT  
TTCCTGATAGGAGAGAGGACTGGTTACGGAGCATTCTGCAATTATCGATAACACA  
TTTCATGTGTTGGTTATGCGCTGCCTGAGTCAAGTCACATAGCGCAAAGAAGTC  
GCGATATACGAAGAACTGTGCGCACCTAGCCTCTGCGCCAACGCCGAGTCAGC  
CGTCACCGCGTGTATCGCGAGTTGATTGCAAGCGAGCGAGTGTATGCCTGT  
CACTCACCAGTATGATCGGATGTCCGTGTTACGACAGCTTCACTGATCGTTGGCC  
GGCGCAGGCGCTGCAGCGATGCGTCAAAACCTAGCCGAACGGCTGATGGACGAA  
CATCACTGGAGTTGGCATCGGCAGCGGGCGCATCGGACTGCCATTGCGCAGCGA  
GGCGTGCCTGGCTGGTATCGACAACTCACCGCGATGCTGGACGCATTGCGTGC

AAAACCCGGTAGCGAGCAGCTGCAACTGGTTGCGCCGATTTGCTGACATGCCGTT  
AACTGGGCCATTGGCCTGATCTACGCGGTGGCCTTCGGCTATCTGCTCACCCA  
GGCCGAGCAGTTCGCGCTGCATCATCAATGCAACCGCGCTGCTTGGCGCCAGATGGCA  
AGCTCGTATCCAGACTGCAGTCCCCGGCGCCGAAGTGGTACAGCGCGGGAAAG  
GTGAGCCAAGTGATCGACGTGCCGGAGACGCGGGGACCGCGCCGAGTGTGCT  
GGTGTGCTCGCAACCCGACCCAGTGCAACAGCGCCTCGATCAGCGCGTGGTAGTTCT  
GGCGAGGACGGCACGCGCATCTTCACTGAGCGTGGCGTTACGTCTGGCCATCGG  
AACTTGATCTGATGGCGCGATCGCAGGGTTGCCACTGGTGCCTGGTGGGGGGC  
TGGGGCACGAACCTATGGTGCATAGCCGAATCCAGATCTGGTTACGTCCCG  
GCGGGGCCCTCCATGGCCTGAGTCGTCGGTGTGCTTCGTTGCAAGGCATATAAAA  
TAGGTGACAGATAAAAGTCCCCAGAGGATTGTCGCACAAACAGCGGTGATGGGAT  
GGCTTTGCACACTCCAGCAACCGTGGTGGCGAACTAATAGCCAACAATCCGCA  
GACGTAAGAAA

>CONTIG\_111\_length\_4532\_cov\_7.045403

TGCCTGCACATCGCTGACACGCATCGAGATCATCTCGCGTGTATGCGCGCGACTG  
CGCACTGCCATGCCATGCCATGCCATGCCATACCAGATCATGTGCCCGCCCGT  
GCGAACAGAACGCACTGCCACAACACAGACATGCCACATCGCACGGTTGAC  
GGGGTGCAGAAAAACCCCCCGCACGCGACAACCTCAGCGTGCATGAAGCACA  
TCAGCAACCCAGTCGCCCTCTCCATACCACCGAACCAACGCAAAGCAAAAGCC  
CCTCCAGATTGCCCGGAAGGGCTTCGCTGTACTGCAGTAACCTGGTGCAGG  
GGGCAACGAAAAGCCAGATATTCCAATAATTATGCGCGGGCGTTCTAAAGTTGCC  
CCCAATGTTGCCCGAGATACCAAGTGTGCTGCTCAGCGTATCGCATG  
GTCTGAGTGCAGTCAGCGCTCCGTGCTGCTCAGTTGACTCTGGCTCAGTCCG  
TCTGATTAGTTGTGCCGGTTAGGGCCGTGACCGTGAATCGACGCGTCTACGCAT  
GAGGCATGTCAGCGCTCCGTGCTGCTCAGTTGACTCTGGCTCAGTCCG  
ACCCGATTTGCTTCAGCTTGGAGTCTCACAGACAATCGAGTGCATTCCCG  
ACCTCAACGACGGCGAGGTGAGCATCGTCCCCCGCGTCCATGCAAGTCGGC  
AAAATACTGGCGGGCTGGATAGTTGCTGGACCGTATTGAGATATCACCACACA  
AGTGGCTCCGCTACGGCTGCTTCACGTATGAAGTGTGCTGCTGAGG  
CTTGTAGAGAGTCGCGGATTGCCAACACTGTGCCAGGGATAGCCAGCGCG  
AGATGATCCATTGATATTCCCTGATTGGGTTGACATAGTGCTGAGG  
ATCTATGCCCTCATGTATTGGCTAGGTTCTCCAGCGCTGGCCTTCCCTGG  
TTCGTGGACCCGTGCTGCGTCCACCATGGAATCGGACCGACGCTGCCC  
TCTTCGCGCTGACAGGGCTGCCGTACGATGACGCCCTGCGCCGAAGTGACG  
CTGCATGCCCGGACTCGTACGCGCCCGCGTGCAGCGCTGCGATGTG  
CGCATGCCGTCAAGTCATGCGCGCGCGTACTGGTGCATTAATT  
CCTTCGGAGTCTGGCGCTTACTTCCTGTTATTCCGGTCAGCTGG  
CTCGACTAGGATGGCGTCCAGCACCGCGCTATTGGTGCCTCGATGCTGCC  
GGTGGTAGCCCGCTGGCGGCGATCACGTCAGTGCAGCTGGCATGTAGT

CGATCCGCACCATGCGGCCGGCGTGCACGTTGCTGTGCCGCCAGATGCGCTTGT  
CCTGGCTCAAGTAGCCCCGCCGTATTGCCAGCACTCTCATGAAGCAGGTCCCCATA  
CCCAAGAAGCGGGTAACCCCCTGGTAGAGTCTTAGAAGGTGCCGATGGTCGGGG  
CACAAACTCCGGTGGAAATAGCCCTGTAGGACCGATGCCGGGCACACTGCCCG  
ATAGCTGTACCTAGCGCGTACTCACTGACCCGATGACCGGGCACACTGCCCGAAT  
GGTCGGGCTGGGCTTGCCTTCATGCCACCACCGCAGCGTTGGCTTGCCTTGCCTT  
GGATGCCACAGGTGAGACGGCACAGCGTTGGCTTGCCTCAGCTTCCGCCGC  
ACTCCTCGATGCCCATCCAGGTGAAGGCAAACAGTGAACACCAGTGCAGGCCACCT  
TGCCGGGTTGTCGATCAATCCGGCTTCCAGCAGTCTAGCAAGGCGCGCGCAGG  
GTGTCTTCGACTTCCAGCCGCTTGCATCACAGACCATGCTGCGCTCTGGTCGC  
CGTTGTTGAGCCAGTGAACTGCGCGCCAAATCCAGCAGCAATGCGCAGCCTTCA  
TCGACAGCCCGCAGAATGCGGCGCTGTTCAACACTCAACGTTGACCCGGAAGAAT  
GCACCAGACACCTTGCGCCCTTGAACCGCTCACCGATCTTGTTCATGGGGCGC  
CTTCCTGTACTACCGTAGCGCTGGGTTGTCAGCAGCCTGAAATGCTGCCCGG  
CGTGTCCCTGTGGCCTCTGAGGTCTGGGTCAGCAGGAAGCCCCGTGCATACGGT  
CCCAACCACGTGCCAGCAATTCCACAAGGGTCAGGCACCGACGTCGTTGGCTGGG  
TTGTCGAATTGCCAACCGCGTGGCGATCAAAACCACGGACGCTGCCGAAATACTT  
CCACAGTCCGCACACTGGCAGCGGCTGCCGGTTAGGCGAGGGCGACTCATGCCGA  
CCATCCAGGGCAGCGCGCGGCATCCAAAAGGTCCGCCCTCAACGATTCCCG  
CGAGGGCTCATCCGTTGCAGGGCATAGACTCCAATTGCCGGCTGCTGCCCAT  
CGCGCCCGCAGCAGACATATGGCAGCACCCCTGGTAGTCTCGTGGTCACTCAG  
CCCGCCAGCCTGTGCCACGTTGCCCTCGCGCGGGCTTCGTCGTTGTGGGGAA  
GCGCATTACGCCACCTCCTGCTGCATCGAATACTGCGCCACCCGGCTATGCCCG  
CCTTGGTCGTCCAGCAGGGTATCAATGGGTACAATGGGGTGCCCTCTGCCGC  
AACTCGAAGATGCGCACGCCGGCACGAACACGTTAGTCTCGTGGTCACTCAG  
TGTGGTCACCGCCCTCTGCCGAAGCGCGGCCAGCAAGCGCGCGCTGGCGGGTG  
CGGAAGTGTGATGATGTTGCCCTCGGGGCCGCTTCAGCGCGGGAGCACAAGTG  
CTGTTCTGGCTCATCGGCCACCTCCTGCCGTGGCTTCGATCAGCGCGGAATT  
CCTCTACTCGCCATCGGGTGCATCGTCGCCGAGCTGACCGGCTGCCGATACCTGC  
CAGCGCGAACGCGCTGCATACCAAGTGGAACGGAAACCGGGATCAGGGCGGGAT  
GCCCGGAGTCTGTCATCAGCGCGGCCGCCAGCAACATCTGGTAAGTCGCA  
GGAAGCCTGTTCTGGAAGCTGTCATCACGTCGCTCCGTTACCGCACCGGGTGGC  
GGCTGGGGCTAGTGAATGGTCAAGCTGTCATCACGTCGCTGGCTGAATAGGCG  
GGCACAGGGTGGCGGGTCAGTCGAAGTCATTCTAAATAACTGTTCCAATAGTTT  
TTATGGGTGACGGAACTATTCGAGGGCCGGTGGTAATCCATCTGCCGCAGGA  
CCGTTGCCATGACTTGCCTCTCAGCTACGCCGCCGCTTCACCAATCCTC  
AACATCCTTATTCTTGAGGCCGTAGTTGCGTCGCTGGGTCAATAGCGCCAGAA  
CTGTAAGCTGCTGCCGATAGATTCCGCAACAAATCAGTCTCGTACTACCCATGG  
CCAACCGTGGGTAGCGCGGCCGACCCGCGCGCTGCCCTTGCCTCTTACTGC  
TGCTAGCAATGACGACGGAAAGCATTGAACCTCGTTGCTGCCATTCTGCTGCGAT

GAATGGGGAGTAATGGCGCGCAGTGCACATCTGAGTCGCTACATCGGTGTCATC  
TCTGGGAACGAATGCAAGCGTCTGAGAAAGAGTTCCCTCGAATGTCGTCAGTAG  
CGCGCAGGATTGCTACGGCCTGTTGGTCGCTACCTCGCACCCCTCCGGATCGGCTG  
GCATTCCCGCCTCATCTGGCACGAACCCGAGCACAGGCCGAAACTCTGCCTCGC  
TCCACAGATCCTTTGCCAATGTTGCCAGCGTGCTCGCAAGAGAGATTGTC  
CGATGCGCCTGTTGCTTGTGAGGTCGGCTTCGCAGCCTGACCTGTGCC  
TGAAGCTCCTCAAGCTCATCGCTCGTATTGCGCACGCTGCTGTCCATCGCGT  
ACCTCATTGGAGCGTCCTCCACGGCCAAGTCACGCTTCCACATCGCTTACACGC  
ACCGGGCGGTGATCCGCCCACAGCGTGGTACAGGAGGCAGGCGAGTGA  
GAATTGCGCTGCGCAATAAGAGTCGATCAGCTTCTTCGGTCTGTAATTGCGCCAT  
GGCGCACCCCTGCGCCCCCTGAAAAGTCCCCGACCAGGCCGGCAGGGTGTCCGGCT  
TTTCGCCCCGTCGGCTAGGTGCGGGTTTCGGTTGAGATTAGCCCGCCTGGCTCG  
CAGCGGCACGACGTTGCCGCCGCGCAGGCCGTCCAGGTAGTCGGCCCACGCTT  
GCATCATGCGGACGCGCTCGGGCAGGTACTGCGCCGCGTGTGTA  
ACCTTGTTCGTTGGCGTGGCCAGCTGCCGTTGATGGCGTCGGC

>CONTIG\_112\_length\_4523\_cov\_16.380801

AAGCAAAGCAGTGTGTCCTATTCCGAAACCGAGCAACGCCGCCATTGATGCTGCC  
GCAAGAGTTGAAGGCATGGCTTGACAAGGAAGTCTCCTCTATGAAGGCATCC  
CAAGCCCGGTGCTCTGCAGAAGATCAAGTATTACGAAGATGCCTACTTCACCAAG  
CGCTTGTGCCAGGGTGAAGATTGAAGCCTACAGATGGTCCCTGCATGAGT  
GATA GCAAACCTTCAATGTGCCTCAGAACCGATTGAAGGCTGATGTCAGTCACAGTCAAC  
AGCTGCTGCGTGATCTGGCATTAAATCAATGCACGCAGTGCAGCGTTAGGGCCAT  
TGCAACCAAGTGCATCCGTTGCAACACACCTAACGCTAACGCCAATCTTCA  
CGATGGCAAACAGCCGCCAGTGCACAAAGGCTGCGCAAAGCTCAAGGATTAC  
CCCGACTACACTGCTCGGTTGGAAAGGGCGCTCCAACAGTCGAGAATCCATC  
GCCAATCACCCCTCCCTGGAGTTGCGATCTGGCGATCGAGGGTTGTCTCGATAC  
TTTATGACGAGTCACGTGAAAAGCTCAGGGCTGCAGAACAAACGGCGACCAAG  
AAGCAATCGCACTGGCGAAGGCAACGCATCTACTCATGCTTCATAGCGCTGCTAAG  
GGCACATGGAAAGAGCAAATTAAATGGACTATTTGGTTCCGAGTCAGTC  
CGTCATGGCTGATGAAAGCGATGTGCTGGCAAAGGGGTCACGAGCAGATCCTAC  
GCGAGCAAATACTAACGCCAGATTCAATTGACAAACCCAGCAGCAGCC  
AAAGCAGTCATTCTGGGGGGCAGCCTGGTGCAGGTAAGGGCGTTGGCTCA  
GGCGAAGGCCAGCTGACCAAAATGCGGTACAATCGACCCGATGAGTTGCC  
GCTACCATCCCGCGTGTGAGTTGACGCAGAAATCCTATGAGTGGCTGGAC  
GGACTCACAAGGACGCTAGCTTGGGCCAGTGCAGCTGCAGCGACTGCC  
GAGAAGAAGAACCTCATCTCGACACCACATTGAGTGA  
GAGGGCTATGAGGTCGAGGGTGCAGCGTGTGCTCG  
AACGTTGATCAAAGGCTGCAAGAGCAGGGCTATGAGGTCGAGGGTGCAGCGTGTG  
CTTCTCCCAAGTGGAAAGTGAGCATGGTGCATGAGCGTTTACGGCCAACACCG

ACAGGCAAGGCTACGGTCGCCATGTGCCTGAGGGCGCGTGATGCAATCTACGGA  
AAGCTCCCTGTCACTCTGGATACCATCCATGCGAACAGCAACAGTGCCTCATCCGTATC  
TTCAATCGTAAGGCATTGAGCTTACGACAGTCGAACCGATGCACGCATGCCGGT  
CAAGCGATGGAAGAAGCGCGAACGCGCGCTAAAGATCCCCTTCACCGAACG  
TCTTCGAGAGGCTTGGCAAAAACAGGTGATTGGCACCATGATCTACCGAACACG  
CGCAAGCGATCCGAAATCCGATCCTGCTGTCCAAGCAAAATTGCTTGAGGAACAT  
GCCAAGCTCCGGGTGAGCGATGTGGTCGCTAGTCGGATGGAAGGCATGCCACC  
TGATGAACTCGTGCAGGCCAGGGCTCCGCCTGCACCGTGCCTGTGCCAGGCC  
AGATCCCAGGCTTGCCTGCAGGCCAGGGCTCCGCCTGCACCGTGCCTGTGCCAGGCC  
CCGCCACTGCCTACGATGCGTCGCAAACCGGAGAGCGTGTGGCACGCTGTGGCA  
CAAGACAACCTACCGCTGCACGCTCAGAACGCGTGCACCTTGCTGCGAGGCC  
GGGCGGCTGGCGGGAGGCAGGCCGCTGCCGCTGCCGTTGTCGGCACAAACCGGTGCAG  
GCCCTGTCGCGTTGGTGGCCGATGGTTATCTGTTAGTCAGTGCCTGCCGACAAGG  
CCGCGACCCCTGTGGGACAACCGTCAGATCTATGCGCAGACCGACAAGCAGGGCGT  
AGCTGGGAGTTCAACGGCAGCCAGTGGCTCGCCAAGAAAAAGCCGACCTGCAAGA  
CGATGGTGTGGATACGCCAAGAACGAGCAGGGCATGTTCGCTGCCGAAAGCGC  
GCGAGCTGAACATCAGGCCAGTGGCGAACGACCGAGCAGGCCCTGGCAAGGTG  
CAACCGAGTAATCCCTATGTGCAGCCATCCAGTGAGGCGGATGCTGCGCATTTAC  
ACACGGGATTGGCAGCATGATCCGGCAAGTGGCCAGTGGTCACGGATGATGCCGA  
CGAGGTGCGATCGGAACGATCGGCCATCTGGACGGTGGATCCAGCAAGCCCTGAGC  
GCAATGCCGCGTTGGACCAGCAAGCAGCCCAGGTGGTTGACGCCAACATGCCGA  
GGTCCGGCTGCGATTGCAAGAACCTATCAAGCTGCGTATCAGCGCAATGGTGGGG  
GGACTTCGGCCCCGTGCCAGCGCCGTGCAAACAGCCTGAACCCGGACTCGTTGC  
AAGCCTCGGACGGCAAGCAGTATCAGCGCAGTACGCCAACAGGCCATGAC  
GGCGTTGCTGCCAGGCAAGGAAATGTCGGTGGAACTCAACGCCAACGCGCAACGCTT  
GCAACCGGCATTGGAGCAGCACGCCAGGCATTGGCACAGATGCCGCGCGCAA  
CGCCAACGCCACAGCAGCAAGACCAAGGCCAATACCGAACGACCTATGCCGCCTAT  
GGCGTTGCGCCCAATGCCAGACTGCAGGCCGATCCAGCTGGCGGTGCAACGGAC  
ACGTGAGGCGAACGGAATCGATGCAGCGACCAAGCTTGGCATTGGAGCGTGATG  
CGACCGGCAATATTGGTAGACAGGCCATCCAGCATCTGAGCCGTGGTGTGATG  
GTCTGGTGCCTCGCAGCAACCACCAAGCAGTGCAGGCCATCAGGCCCTGGC  
GAAGTGCAATCGCTCGGCAGGAGCAACGCCCTCTGCCGGTGCACCGGAGCTGCG  
TATTGACCGCAGTCGCCAACAGAGCGCGATGCCATCGAGCAAGCGTGCAGGGAGG  
CCAATCGGCAAGGGCGTTCCACGCAAGAACGACAACAGCTGCAAGCTCGCAGCA  
ACGACCGTCACCGCTGCCATGTGGATGAAACCCAAGGCCCTCAGGCCATTGA  
TGCAGCGGGATCGAGACGTTGCAGCACACCCGACGCCCTGCCGGAG  
CGGCAACGCCCTGCCGGTGCAGCCTGCCAACCGAACCTGTCCAACAAACGC  
ACGTGCGCCCGGTGCCAACGCTGCCAACCGAACGCCAACCTGTCCAACAAACGC  
AAACCAAGAGACCCAAGGCCCTGAGGTTGCCGACCCCGACAGCCGGCGCAGT  
CCAGCCTAAGGCGGAGGCATGGGTTCCAACGGCGGCGAGCGCGTCTGCCGAGTG

CCGGGCCCCCATCATCGCTTCGACCTCTGCCATCAAGCGCCTACTCAGGCCACTG  
TGCCGACGCAGCCGCCGGCATCAAGTGAAGTGGAAAGGGCTGCCCTGGCGACCGA  
GGGCAGGAGGTGAGTTCTGCAGTATCGCTGCAGCAAATAGATGCCCGGGTCC  
AACGGTCAGGCCGTGCCAAGACGGCACTATGGTCAGAGACCGAACATGCCG  
TGAGGCAGTCCAGCAAGACCAAGGGTGCCTGGCAACAGGCAGTGCCTGGCCAAGAC  
CTGGATGCCGTTGTCCCAGGCACAAAGCGCGCCGAGATGCCTGAAACCCGC  
AGCGCCGACACTGGCAAATGGGCCGGTGGAGCAGGGCAGTGAGCAGCAAGCCGA  
GTAGGCACGCCACAGAACGATGCCATGGCTGTTCCATTGCAGGCAGAGCAGCA  
AGAGGCAGTGCAGCGCCGTGCCGGCAATTCAAACGCAGAGCGAAGTGCCTGGCAC  
AGATCGTCTGCCGGAGCGCCAACCCGCTGCCTATGCGTCATGCCAGGTTGGTG  
GGACAACCTGCCCTCTAACGCACACGAACACAATGAGGATGGCTGAGCAAGCA  
AGGCCCTCCAAGATGCCGCTCAGCAGGGTTCTGATCATCGGGATTATGCG  
TTGTTCTCCGCCATCCAGCGCAGCTCCGAAAGGCACCTCCGATGAGAAGACCGCT  
GAGGTATTGCATGCCGTCAAAGAGTCAGGGATCGAACGTGCGGCTGAACCTCGCAA  
AGTGATCGTCCAAGATGATGTCGCCCTTGTCTTGGCAAAACGCCGGCTTCAC  
GGAAACCCGCTCAACACGCCGCGCCGGCATCAATGAGACCTGCAGAAGACAG  
AGGCATTGGATCAGCAGCGGGTGCAGGAGATGGTCAGTCCAGCGAACCGCAA  
GAAATCGACAAGAACCCGACAGG

>CONTIG\_113\_length\_4516\_cov\_6.241513

GAACCTGCGCTACGCCAAGAGCGACGGCACCTGGCGGGCTACGCCAAATGAAGAC  
CTAACCCGATCCGATGGTGGGAACGTCAGCCGGCACTGCCGGCTTCCTCGAAG  
ACGGCGCCATGCCGCTGCCCTAAAAAGGTGACCACCCGCACAACCGATTCTCT  
GGTGGTTCTCGCTCAGCCTGCTCTCCTGGTCCGCTTCATCATCGGACCGCT  
GATGGCTCGCGAGGTTGCGAAAAGCAGAGCGCCTCTACGCTTCGAGGCTCACAT  
GCCCGCCAGCGCGATCGTGGCTCAGCTGGCAGTGGTGGTCATGACGCCGC  
TGACCGTGATGGAGTTTTGGTTACCTCGGTGCTGAGCGGGCTGCCATTTCT  
GCTCCTGCTTGGTCGACCTCAGCACATGAGGGCTGTTGACTCTCCGACAGTGAGAAAT  
CTCCGCTTGGCTCGAGCGGCGGTTGCTCGCTATGACTCTCCGACAGTGAGAAAT  
GCCTCCAATCCATTGCGCTCCATGCGCCGATATCTCCACGGTAAGCTAGGA  
TCCAATCAGGATGATTGACGCTTAGGAACCACCCGCATGACGCTGCCCTCCATCC  
CTCGTTGAAAGCCCTGATTCCGGAATGCAAGGAATGGCTGAGCGTGCTCAAACATC  
GGCGATATCGATCGTACACCAAGTGCCTGGAAGAACATCTAAAGCCACCGGAA  
CGCTGAGCCGAAGGCCGGCACGCAACTGGCGAATCAGCCACTTTGGAGCATT  
GCGGCTTGCATGCTACTTCGTTCCGACGTGGCGAGCTTCCCAGTCCCTCCACT  
GGACCATCGAAAGCCGCCCTGCTGCTCCGCTGGATGCGGTGCATGCCAAATG  
CACGCCAGCTGGCAATTGGCCAGCAGAGTATTCCGACAGTCTGCCGCGGG  
TCCTACGGCTTGTCTATTGGACACCGGAACATCTGCACGCAGCGTTCTAGA  
AATGGCCAAAAGGACGAGAGGCTAACACGTTGCCTCAGTCCCGCGCATCGCTC  
ACAAACACCCACGACGTTTTGATTGCCTTGCTTCCGAAGCCTATGGCCTCTCCAC

CACCTTGAGCCACGCAAACCGTTGATCGCGGCATATCAAGGTGTCTTAGACAGCTG  
GAAGACCGACGACAAAGACACCTTGCAGCAGAAAATGAATCAGGCCGCTGAATTCC  
ATCTCAGCCGAAGCAAAGCCAGCACTGGCGCTAAGTCCTATGAATTGACCGCGAC  
TTGACCGCGTCTTCCCAGTCAGTTGAGCTGATGGCCGTTCAAGCACTTAGGCCTCGCGAT  
CATCTTCAGATTTACATGCGGCCACGCGCTGATTGATGGCCATGGCTGTAGTG  
CGTACATCGCTCCTGCTCGCCCCACCCCTCATCGCTGCCGCTTGACCGCGTG  
AAAGAGGACTACCCGCTGTTCCGTTGACCGACCGATTGAAAGGATTCATCCATGAAC  
GATCCGGCGCGCACACACGTAGTTCCGACATCGCGCAATGGCTATGGCGACCGA  
TGCCAATGGCCACGTGGACCTCACCGCCCTGAGGCCATCGCCTCATCTGAATCA  
CCAAACCATCCAGGGACTTGATGCCCGGACTGATCAATGACATTGTCGATGCC  
CGCCTACGCCAACCGCAGGGCGTGAACAGGTTGGCACGCTGATCCAAGCAATCT  
CCAGTCGCCTCCACCTGCCATGCAATGCGTTGGAAGCAGCGCGTGCCTGGACC  
ATGTCAACGAATCAATGCTGGAACGGATCTCGAGCGTTGATTGAGGAGCCGG  
GCTGCGGCTTGGAAAGCAGGTTGAGACAAGCGGCCGCTGCCTGGACC  
TACCCAGATCAGCGACAGCCTGCCGATCGCGAACTGGCTCAAGACGTTCGCA  
ACAACCCACAAACAGCTACCTAGAACGTCGGCCGGCACCCCTTCAGCCGGCTG  
GCTGAGACTGGACAGGACAGCTATGGCGCGATGAAGGGGCCACAAGCCACGGCCT  
CAATATGCTGGCGATACGGTCATTGGCCAAGTTGCCATCAGTCAGCACCGA  
TGAGAACCTTCGAAACCTGGTCATTGGTGCAGGCCGGTCTATGCCTACAAGCGGT  
CGAAGACCCGGGAAGGTGCCGCGTGAACATCCGAAACGCCGAGTGGGGCTTGG  
ACGAATGGAGAAGGGATTGAACAAGCGACTCGAGATGGCAAGCAACAAGAATA  
CTTAGGCGAAGCAAAAGCGCCGCGCTGAAATCATCGCAACGTTCGTGCCTGG  
CGTCCAAGCTACCAAGCTTGGCAAGGTAGCCGAGGCCAACGAGCCGAAGAG  
TTGGCACCTCCGCTGGACGCATTGCCGGCAGAGCTGAGCGTCACGTTGCCGG  
GCTTCGCAGGAACTGCTCGAGTTGCCACGACGCCAGGGCAGGTCCAAGCAAAGG  
GGGAATGGAAGCCAAGGGCGCCGACCTGATGTTAGCGGCTGGTAGGC  
CGCAGCCAGGGTGAGCTGGAGAATTGGAGGGACTACGGAAATCAGGCCATCT  
CGATGGCTTACTCGAAAGCGGAGCACTGACGCCAAAGGAACGGCTACCTAGCCC  
GCCAAGACGTACCATGTTGATGGCTGGCGCTTCGATAGAGCGATCAGAAGT  
CCGTCGGGGCCGAGAACTCTCAGCCTTGACCAAGAGGCCAGGGTGACATCGC  
GAGGCCATTGTCGACCAACTCGCAAGGAGGGATATCGCATTGGTGCCT  
CAAAACAACCTGGCACGGCAACGATTGGCTGGCTCAATCCGACAAAGGCC  
ATGGGAGGTTTCGAGGTCAAAGCGTCGGTACCGCCTGAGAAGGCATTGAAGGCC  
GTGATCCACAACGGCTGGCACCTCGCGCTTGAGAAGGCATTGAAGGCCAGGC  
CATTGGACCCAAAGAACATGTGGAGGGAGCAAGCCAAGGCAACTGCCAACGG  
CATCGACGACCACTCGACGAAGCCACACGTCACTGGATGTTGATTGAAATGG  
TCGCGTCAATCTGGAAAAGGATCCGGTACGGGCACATTGGTGGCAAGCTGCTGA  
TTGAACCTTGGCAAGCGCCTGCCGATCGTGCCTGGAACGCCAACACCCCGCTC  
CGACCGCACCGGCCAAGACGCCAGCGCATCCGATCACCAGGCCACGCGATGCAC  
GAGCAAATCAAAGGCAAAGTGACCGAGCTGGACGGCAAGCGGGCTCCGGATGA

GATAAACCAAGCAGACCAGCGCCAGCCTTGGCCCTAGCTAAGGAAAATGGTCTAA  
CGCGCGTGGACCACGTGCTTAGCAATCAAACAGCCACGGTAGAAGCTGCACAT  
TCCATCATCGTGGTTCAAGGCAACTGGCGACCCCGCTGCCTGCGTGCTGCCATG  
CCAACCCTGCAAGCCGCCATGCCACGTTGAGCAATCGTCGCCAGTTAGAACAA  
GACCAACCAACGCTGGCGAGAGTCAGGCTCAGCAACAAGCGGTCGAACAGACGC  
AAAGCCAGAACACGCCTCAGATCGGATGACCTGATCGGAACGAGGCTGTAGGGA  
GTGATGAGGCTGCCAACCGTCATGGCAGCCTGGTCACGAATCGCTGGCGAACTG  
GAGTGTGTAAGTCAACTGATTGACCATGCTTAGCAGTCGCATCAAGAAAGCT  
CGGATATTCCGGGCTTTTGACTGTCCCCTCAAACGCAGCAGCAGATGAAGTT  
ACGAAGCTGAAATTAGCACTGGTACAGCTGGAAAACCCAGAATTGACGGTC  
GAGTCGCCTGTTAGATACCTGTGATGACCGTGCCTACATCATAGCGACAGGGCG  
CGGCGCAACCCACCACCGCCAACTGGCTGCTGAGCTGTGCTCAACTCC  
GTCAATTCGCGCGTCCTCAACAGGCACGGCCTTGTCCGGTTGGAGGGTTCGT  
GCGTCCCCAAAAACACAAGGAGATGTGCTGCTATGCGATTCCGATTCTCCTCAC  
GCCTTGCTGCTCACCGTTCAGTGCAGCCTGCCAGGCCAGGTGGTACGCTAAC  
AAGGGTGGCTACACCTTGAGCTACGACTGCACGAACCGCACCGCCTGCGTTACGA  
ATACGTGCTGCAGGCGACAACGGCTGGCGCTGGCCAGACGTCCAGCGCTCCTATGCCAGC  
GTGCGTTGGCTACGACCGTGGCCACTGGTACATCCAACCACATGGACTAAC  
GCCACCTACATCCGCCGCCACCTGATGTCCAACATCGTCCCCAGGTGGC

>CONTIG\_114\_length\_4496\_cov\_81.240558

TGCCACGAGGTCCGGTCTGCAATGAAGGGCTGGCTCGCTGGCCAGCCCTTCATT  
GCAAACCCGGACCTCGTGGCACGCCCTGCAGACAGGTACCTCGCTCGCTCCGGAT  
CGCGACACTTACTACGGCGGTGGTGCAGGAGGGTTACACCAACTATGCGGCCGCAAC  
CTGAAGCACAAGCATCCACCTCTCGATGCATCCGCCGGCTGGCGCTGCGCTCT  
GCGAATTGCGCTCAAAGGAATATCGCAGCGCGATCGCATGATCCTGCGTCAGG  
CTGCACAGCGTGTGGCGATCTATTCCATTAAACGAGTCGCTCCCTGACCTGGCGGCC  
GCGTATCGCCGGCAACTCGCAATCGACCTGCGCAGCGCGTCCACAAACAGTGG  
CAACCGGGCAACAAACACTGCGGGCACGTGACACCGCAACGCTAGGCAGCTAT  
GACCATGCGCTGCCATGATAAAACTGCCAAAGCGCGGTAATTCCAACAATT  
TTCCAAGGCAACGAAAAAGGACTTCGACTCGCTCAAGTGCCTTTTATTGGTGG  
GCCACCAGGATCGAACCTGGAACCAAAGGATTATGAGTTGCGTCAACGCGCC  
ATGCCTAGGAAATCAGACGTAAGGCAACGTAAGCAATAGAACAGAAAAGTAAGC  
TGCACAGCAGTTAGCGCAACTGGCGAAGACGGACAAAACCTAGCTCTGTACCG  
CTGGAGTACCGCTATGGAAACAATTGAATCCGTAGGCCTCATGGCGACTGCTCC  
CATCATGCCGCCAGCCAGGCCAGCCAAGAACGCCGGCCCGCACGGCGACGGTAAGCC  
ACCGCCGCAAAGGTCTGCAGAGCGATCGGGCGCAGCTGAAATTGACCGGCCGCC  
ACGCGTCTGTAACCCGCCCGAGCGCGTCAACGCCCTACCATTGCGACCAACC  
ACCCACCCAAGCACCACATACGCTATGACGCAGAACCGCTACGGAATCAGACTCAA

CAACCGGCCAAACCCCTCGGGTGGATGCGCTACCGCGCGAGAAGGCCGCCACC  
CAGACGACATGGAGGCAGGCAATGGCGATGGCTCGCCCTGGACCGCATCACGCAAG  
TGATGGCAGAGCTTGCAGGCCGGCGAACCCGCCACTAGAGCGCGCAATAACATGCTC  
ACGATCGCGGCCGATGGTCAGTAATATCACCCCCACGTAGCTGCTTAACGGCGAC  
GACCTCGACGGTGCCGAGCTGTACGTATGGAGCATGTGAATCGCGCGCTCTGGTT  
TTTGCAGAGGCCATAAGGACTAATCAATGCCAATCCAACCCAATGCCTTGTCA  
TCCCAGCTGACCGATCTCCGAGGGGTTCACTTCACGACCGGGCAATTGGTT  
GTCCATGCACACATCGCAGAGCAACGCCGAATGCCACCACAGAGCGCCGCTGTGGC  
CCTGACGTTCAAAGGAATTACTACGTTGTCAGGTCAAGACGCTGTCTGCCCTGC  
TCCGGGGCTCAAAGCCACTTCGGGTATCGGTCCGATCCTAGGGCCGAGCACGCC  
CCCGCCGAGCGCGCTTACCTGGTCGGACCAACACGCCGTATCGCTGCTACCGA  
AACGTTCGTCACGCTCGCCGGCATCGAAGAGGGCGATGTCATCAAAGACGCGTCGT  
TCTATGCCCTTATTGGGGGCTGGGTGATCGATGCCGCCGAACCAGGTGG  
GACGCGCCGTTGTTGTCGTTAACGCCGAGCCTCGAAAGACGCAGGCACGCCATG  
ACCAAGCGCCCCGCGCTCGGCCGGCGCTGCCCTCCCCGCTCTGCTGGCGCTTGC  
GTTGCGGCCGGTGCCTGCAAGCGCCCAAACGGTGGCAGTTGGGCCACAGTCGC  
CGGCTATCACCCGGCATGGGAAAGAACGCCGACGCAAGGTGGCCTCGCAGACT  
GCAAAGCCACCTACGAAGCGTCGAGTCAAAGCACCCAAACCAACTCAGGTTGCC  
GTGGCTGTATCCATCGACAGCGGCATCACCCCTAACGAAAAAACCGGGCGTATCGA  
AACGGTAGAGTCCAGTCCCAGAGAGGGGTATCCAACGGTTGCCGCCGCGCTGT  
CGCACAGCTCGGAGAACCCACGGCAACCGATGGCGATTACAGGGCTGATGAGTGGC  
GCAGAGCTGGCGCGCCTCGCGATCCGCTTGTCTGGCAACGCCGAGGCGAC  
GACGTTGAGCAGTGTGCGCGGGTTGGCACCGAACGGCCGACCCACTTGGT  
CGCCGACCGAACGGCTGGACGCCGAAAGAACGGCGAGAATGTGGCGCGT  
GCAAAGAGCGTCGAGCGCCGACCGCTCCAAATCGAAATAGGCGTAATTCCCCT  
GCCGGGGAAAGATCTACCGTTTCAGGTTGTAATCGCGCGGGAAATTTTACCCGA  
TTCACGTGTTCGGCTATGAAGCAATCATCCGACGAAATGACGGGATGGCAGACAG  
GGAGATAGGTGTTAGATGTCAATTCAAGGGCGGAAGCTCGGAATAGCTCACTCAC  
GTCGGGCGGACATCTGCCAGCCGTTGAGCAGTCTCAGCTTGTGCTCCGCA  
CCCCTGAGGCAGGCCTTGATAAGCGCTCACCCACACCGCCTGCTGCTCATCAAAG  
GCTTGTCTAGACGTATGCGCTCTGAGAGCTTCTGAGCCATGTCAGTGTGCTGC  
TTTCCGAATCAATCATTGCATCAAGGCCTACGTGAGTACGCAGCTCCATGGAAGTGG  
CAGCTGCATGTAGGCCAAGCTTGCCTGAGAGCTTCTGAGCCATGTCAGTGTGCTGC  
CATCATCCCCGTTATCCGCCATGAAATTGAGATATCGCTGAATGTTCTAGTTGCG  
TGGGACAGAATGCACCTGATCAAGAAGCGCTCCGGGAAGAGCCATCCAAACAACCT  
CAACGTTGCATAATCTAGCGAGGGGGAACGACCTGAATGGCGAGCTCTCCATCT  
GGGCCCACTGACCGCGACAGGTGCCATCGCGCCCGCAGACATCCGCACATTCCGCA  
GTGAACCTCTCCAAAATTCTGAGATTGTTACAGCCAAATAGAGTCATGGCAGAG  
CGCCTCTGCTCGCGAGCTAACTGCTCTACTAGCGACAAGGTGTGCGCCGATCCAC  
ACGCCCCCTAAGGAACCTGCGAGCGTCCAGGCCACCTGGAGCAGAGATCCCCACCA

GGGGGCCGAAGTGCCTGGTACTTGTGCAGCGGTGCTGGCAGCTGCCAGCAAGGTGA  
CCTGGACCATAGCGATGTCGTATTCCCTATTGATGGAAGATAGAAGCCCACCGGA  
CTTCGTAGAGTCAAGCGCCGCAGTCCTGAGATCCCCAACAGAGCGCCCCGGCCGC  
GCGCAAGCGCCGTGAGCCTCGCACTCATCAGGTAACGCGGGTTACCAGACGGCG  
AAAATACTCATTATCAAGAAGCTACGTTGGGACCCGCGTCCGAGCCGCCGGCGTA  
CATGCCGAAATGTCGTAACGGGGGCCCGGGATGAGTCTCCATCGGCCATCCCT  
AGTCCCCTGCTTCACAGACAGGCCGCCGTGCCATAGAATCCCTGAGACCAAAGG  
AATCAGCTGCGATCTGCGCGCACCGTCCACGATGGAAATCACCATGAACGATGA  
GGCAGCAATCCCCGTCACTGTCGAGCGACTCCATCTGGGGAAATTTTGCTCCT  
CCGGCCAAGCTCCGGGCAATGGTCAGAGCGCTGGCTGAAGATTGCCAACGAAG  
ACCTACTCTGCCCTGGCATGAACACCATGGATCCACCCAATGGTATCCAAGCC  
AGTATCCGGTGAGGCCACACCTAGTGCAGGTGCCGGACAGCAAGAGATGCCCGT  
GATTTCGAGAAGCTAGCGGCATCTGGATCGTTCGGAAGCATTGAAGCAGGTGTT  
GACGCCGTCGATCCGGAGGGCTCGCCTTGCAGGCTCGACTTCACCCTGCCGAC  
GGCACCCAGGGCCTCAGTACTACCTCTGCAGCGTACCGCTGGCTTGATGCGCTT  
GATGAGGGTGAATCGCGGGCCAGATCGAGATCGAACACGATTACGAGACCGGAGA  
AGACCTCAACTCTATAGCGTATCCGGCGGTGCAAGCCTCGTATTCAAGCGGGAAAGT  
CGTTGGTAACGCCACATCTTCCGACAATCACGCCCTAGGAACCGAGGCCATTGTGA  
CCCGCTTTGTTGACGCCCTGAGCGCAACCCAACTTAGCGGCCCTCGCTGCGAGA  
CGCCGAGACCTCTGACCGTCAAACCGCTCGATACGGATTCTGAGCGGGAGTTGCA  
CCGATGGCTGACACACCGGCTTCCAAGGGCATCATGTCATTGAGCAAGCGGCTTC  
AGTGAGAGCCGATTGCTGCAGTCGCTTCCAGAA

>CONTIG\_115\_length\_4479\_cov\_110.660616

GTGTGTAGACCGTATGCCAGTTGCCAAAGCGCTTGGTAGGCCCGCCATTGCAGC  
CATGCTCGGCAACGTAAAGGATGGCGTTGACCACTTGCAGGTTGGTCATGCTGACAT  
TGCCGCGCTGCGCGGGCAGGCAGTGTGATCAGAGAAAATTGTGCTGGCGTGATCT  
CCATGCTCAATAGTTAATCGCTCGGCCATTAGTGTAAACAGGCCCTAGATCAGCT  
CAGGGCGGCTTAGATAGGGAACCGCGGCAGATCGTCCAGGATGGACTGCCGTTG  
CACGGGGTACAACCGAGATAGGTCTGACTGCTTCTGCGACATGCCCTCAC  
GGATGAGTGAAGTCAGGAGCCGGACTTGTAGGCCCTCTAACGTTCGCGCCTCAA  
AAGAACCCATATGGCATAGAACCGCATAGCGGAGCCACGCAACACATACTCAATC  
AGGAACCTTGAGCACAGTCGCTTCGTAAGCGGCTGATAGAGCCATGCTCCCGT  
AGTGCCTTCACTGCAATTGCCATCAGAAAGCCACTGCTGTCTACCTGCCCTCGAG  
CAAGGCCTGTGCATCCTCGAGGGCAGCAAGGTTCGCGCTTTAGGTTAGGCACGTC  
CTCCAGGAATATCTCCAGGCCCTGGAGGAAGGGATGAGGTAGGCCAGCGCCACGA  
TGTGGCGAAGACAAACCCAGAGTCATGTCGCCATCTCATTGAGTGCCTGAAAG  
CCTGGATAGTGGCGCGCACATCTGGCTAAAAAGCTTGTGCGTTGTACCCCGTG  
GCAGCTTGACGATCGCGACCTTCGAGCGGGCGTCGCAACGGATGCGACAGGCTGC  
GTGAATGATTGCGAAGTCCAGAGGCCAGTGTCCATGAACCTATTCCAAGCGCAGC

AGCGTTCCACAATGCAGCTGCTTCCAGCAGCTAAAAACGTGCCCTAACCTTGTT  
GACGGCATTCCCCTCGAACTTGAAACCCGCTCCAAAGTCGCGACGCCCGTAAAG  
GGAGTTCTTCGGAGCTGGCCAAGATATTGTTGAAGGTCGGTCCGGGCCGGTC  
GTTCGCGCAACCAGGGACGAAGGAGTCGAACGTACAGGCCGTATGGTGGCCTGCC  
GCAAACGGAAGTCCGTACTTCGCCCCCTGACCTGTTAGTGCCTGATCCTCGATGC  
ATACGCCGTAAAGGACAGTTGGCACAGTCGATTGTAGATCAGGGCGAACGGCATC  
CGGCCTTCCGTGGCTGTTGCACATTGACGTGCTGTGGCGAATAGAACATCTAGGTC  
AGAGCCGAGGGCGTCTGCAAGTTCTGCATGACCTGGAGCGTTGGATTCGAACGCC  
TCGCTCGACCCCCACTGATGTAGGTGCGGTCAACCCCTGAACGGTCAGCCAAGTCCTC  
TTGGCTGAGTCGTAGCAATTCTCTGGCGCCGAACGGCGGCCGAAGTTGGCGGC  
AAGATCCATGTCTCGCAGCGTATTGCGCTGTGGACGAAGAGACTACGGACTATGAGT  
CACAACACTGCATGTAGTGCTAGATAGTGCTAGGTGCCCCAGCAACTTGAAGTCTGA  
CGGCAGCCAAGATAAGGCTCTCATGCAGATTGAAAGTCACATTAAACGCCGGTGA  
GCCCGATGAAGAAGACGACCATGCCGACAGCCCTCTCCCTGTTTGGCTGCCGT  
GGGTTCTGTGAGGGGATGAAAACAGCGGGATTGATATCCGGGCAGCAGTGGAGAT  
GGATCGCTATGCCGTGAGACCTATGCCACAATTTCGCTCACCCCTGATTGA  
AGGGGACGTACACGAGTTCTGAAGCCTCGTCAAGCGACTTGAAGAAGTACCGTT  
AAACGACGTTGATGTGGTGTGGAGGACCGCCGTGCCAGGGCTATAGCCAGATCG  
GCACGCCGCCCTGGATGACGAGCGTAACGAGCTCTATCCAGTACACACGAATC  
GTCGAAAAGCTGCCGCCGCGTCTGATGGAAAACGTGCCAACATGGTGC  
CTCAACAAGGGCATTCCGCAAGCTGATTACCGAGAAGTTCGCTCAATCGGCTAC  
AGCAACGTGGTGGTGTCCCGCGTCAAGCGACTACGGCGTGCCTCAGCTTCG  
CAGCGAGTGATCTTGTGGCACCCGTGACGAAGATGCGTTCTCGTCAATGGAG  
AGCTTCTGCAACGCCGTTCTCGATAGTTAAAGGTTGAAAGCATGTGACTGCC  
GAGGCAGTGGATGACCTGCCGAGCGAGGTGGTACACAGCGCGAGGTGATGAGCTA  
CCCCGCCGTAGATGCCCTCACGCTTCAAGAAAATGATGAGGCTGGATCACGGACT  
TGCTCAGTACAGTAAAGCCACCAAGCGCCAGCGGGGGCTGGGCCAGGCGAGGCTG  
TTCTGCACAACCACACGAAGGAAATACAAGCGCGCCGTGCAATCTAATATCC  
CTCTTGGAAAGCTGGAAAGAAGGCTGACAGCCTCAAAGGAGATATGGGACGGGAA  
GCGTCCAGAGAAGTGGCGCCGCCTGCATCCTGATGAGCCCTCTACGATCCTCGC  
CCACATGCACC CGCAGTCAAGCGAATGGGTGACCCATACTGAATCGTGGATTAC  
TGTGCGTGAAGCCGCTGCCCTCAAATCCTCACGACGGGTTCGTCTTCAAGGAAG  
TGAGTGGCAGCAGCTGAAGCAGATCGGAAACGCAGTGCCCTCCGTTGATGGGT  
CCCTGGCGTGGCTCAAGAAGTTCTAAAGGCGTGGACGAAGGAGATGCGTAC  
GACGGAATTGCATCGGAAATGCTGCAGTTGGTGCAGCCTAAAGCTCAGATAGAAC  
TCATTAAGAAGGAGGCCCGCGAGAGGGGGTTCTTCAGCACCCCTCAAATTCT  
TGAACAGAGGATGAGCCGGATTACATCATTGCGCCCTTGCTTGGATCATCC  
TGACTGTGGTCACGCCGTGCGAGCTCTGCAAACCGCTTGCTTGGATGAGTGTCC  
CGTGCCTGGTTGCCGCCAGGTACTGTTGCTGGAGGCCGCCAGTGCCTCGCTG  
GTCGGCATGTGAGCGCGTTGGCATACGGATCCGGGACGCTCCTGGCCTGAGCG

CATCACGAACATCGTCACCCGCCTGGAAGCTTGTGGTCGGTACGTTAGTCAGTGCAC  
ATCGACCTTGTGCCGGGCTTGAATCCCGCCTCCACGGCCATTGTAGGCGCTCGC  
AACCATGCGATCGCTGCGCTCATCCCAGGGCTTGTGGCGCTTCATCGAGCCTGC  
GATGGAAGAGCGTAGCTGCTCCACCAATGCAGCATCTTGCAGCTCGGGCCGGCG  
CGCTCTGATGATTACAGATGGCTGCTCGTCTCACGAGGGCTTGTGCGATGCAACAG  
AACGCGCACCCATCTGCATTCCCGCGCTGGCCTGTGCTGTGGCGTGCAGGCTGG  
ACGCTGCACGCCCTGCACGTGGTCGTATCCAGCGCAGATGAACGTCCGGCGCTG  
TCTGCAGCAGGGCGCTGGCACGGGATTGCGTAGGCGAGGTGGCGTGCAGGCTGT  
TGCCTGAGGCGACTGCGCAGGGGATTGGCGAGGTGGCGTGCAGGCTGG  
TTGCTGCCCTTGCTGCAATACTCTGCTGCCGTGGCGTGCCTGATCTCCATG  
CGGTCGTCGTTCTGGCCAACCACCGTTGCAATTGAGCCATCTTCTGCAGCTGCAGG  
AAGAAGGGCATCTGCTGCCGTATCGCGCACATGGTCTGTGCAACTGCCGCCGTG  
GCTGCATCGATCTGCGCATCAGTGCCTAATGCCAGCGCGGTACATCCGCC  
ACCTGGCTGTGCAAGTCGCTCTGCGTGGCGTGGGATTGCTACGGCGACCTCCGCC  
ATCGACGCCATGTCTGAAGCCGGCTGTTGGCTTGCCACGTACGGTTCAATTCC  
TCGCGCGTGTGCCGGTGGCGCATTGGTGCCTAGAACGCGCCGGCGTGGTCCAT  
TCGCCGCTGGCGTCGCGGGTGTAAAGAGTTACCGTCAGAACGCTGTAAGGGCTGCG  
TTGCGTGCACGCGTTCGTGATGGCCTGCGCACCGGTTCGCGGTTGGTAACCTCATT  
CCAGCCGAACTGGTTGAGCGATCTGGTAGCGGGCTGCAGTTGCTTCCGGCGTATT  
GGCCGCGTCTGCGCAATGATTGCTGCGACTGCTGCTCCAAGCCACTCGCACGCTC  
CGCACTGACCGACCGTTACGCGTATTGGTATCTGCCGTCAATATTTCCCTGATT  
TCAAGCTGCCACTCCCCGTCTGCGCATCGCACATAGTCGCGCCGTTCAAAC  
GGTCGCGCGGGATGCGTTCGTCTGGCATCCAGCGGTATGGATCCTGCG

>CONTIG\_116\_length\_4457\_cov\_7.308545

CGAGAGGGGGTGGTGCAGCGCGTGCCTGAAGGGATGCAGTCAGGGCGCTATCCGGGT  
GCCCGAAAGATCGATGGATTAATCCAAATGCCGCTCGAACGCCTGGCTGAGATCTG  
GATCCAGCGCCGACACCTCAGCCGGTCACCCCGCCATCACCTCTCATCCTCGCGA  
CGCCGATCGCGATAGGCCCGTCTAGGCTTGTGCGTGTGCTACCTCTGGAG  
CAAGTGATGGGGCCCTTGGCGAGCAGGAATTGGCAGGCGAGCTGGTGAAGTGGC  
TGCAATGATGTTGCAGGACCTCGTACGAGGAAGCCAAAGCTAGAGCTGAGCAGG  
CGCGAAATGAACACTGCATTCAAATTCTGGACAATAGTTATGGGAATTGTGCCATTG  
TCACCGCAGGGTATGCTGCTTGAAGCCCTGCAACAGCGGTAGTGGCTCAGGCGC  
CAAAGTATTGCTCGACTCTTCATCGATGGACAAATTGCTCAGTCCCCCGCGAT  
GAATTACGATAATTAGCAGGGTCGAAATGCCCTCAGGTTCGCTGCGCAGCAGT  
TTTCACTCAATGCTATTGAAGGAGTCCTGCGGAAGTGCAGGGCATCACCCGGACAAG  
ATCTGCCCGTCACAAAAGACTATGCTTCAAGCGCCATGGGCCCTCGAGATGCTG  
CACGGTTGCAGCTTGGCGACATGGCGCGACTTCGCCTGGAAAGCGCTGGTT  
TTAGCGCGCAGAACTCGACAGCTCCGTCTAGATGAGTGGTGCAGTACGCCCGG  
GCCTTGTGGTTGAGGATGAGTGAAGGGATCATTGTCGGCGAACAAACCCATCGAA

CGGCGCGATGCCTGTTCCGGCACTGTCTAACAGATGGAGCACACGCCAGCTTGA  
ACTTCGAAGCATCGTCAAGGGCCGAGTTGTTGATTCCCGTGTGAGTGGCGCAGA  
CAGACAGTATTGAGTGCCTCTTACCGAGAAAGATCCCAGAGCGGTGAAGGGGA  
AGCAGGCGATGTTGAAGAGTTGATGCCCTAACAGTGTCTTGCTCAAACGGACA  
GAGTCAACATTGATCCGCTCTGGATCGTGCAGCTGTTCAACAGAGTTGA  
TGAAGAACACCCAGGAGCATGCCATCGCAGATGCAGGGTAAGCCTATTGCC  
CACGTTGAAGGACTCATTCTGGCTGGAACGAAATGAGTGCAGGGTTTCGGGAT  
GATTCACAGGACACCCGACTTAAATGCCTTGGAACCGAGGAGTTGAGCTT  
GCCAAGGCGATCGAGGGCTGAGGTCTATCAAATAAGCTTTGACACAGGGCCT  
GGCTCGTAGGAAGGCTGCTGGCGGGATTCTGAAAATTGGAGATCGAAGAGGA  
GCGAGAGATCGTGCCTGGCTGCGAAAGCATGCAACCAGCAAGCGAGAAACTG  
GGCGGGCAATGGCATCCCCGAGGTTCTGCCAAGCTCGAAAAATCGTGGCTG  
ATTACTATTGCAACGGTAGGCTGCGGATCTTCGGCGTCTGCCAGGGGAAGAT  
GCGGACTTATTGATTCAAAGATTGGAGTGCATCAAGGCTTAGCGAGGCTGCC  
GCAGTCGTGACCATCATGCCATTGACGCGATGAGTAAGGCCTTCTTAC  
TCGTCGTGGCATCTCGTCCGGAGTGGCATTGATGCGGAAGTGCTTGTGTTAT  
CGATGGCGCGCCAGCTCACCTCAAATGATCTTCGATGAGCTGAAACTGGCGCT  
AAAAACCTGTTGACCTGCCTGATGCGTTATGGTCATTCGGGCAATCCGGCAC  
TGATCAGCTCCTCAATCATTGGAGAGAGGACTCCAACGAGCGAGCAGTCATGG  
CACGCGAGAGCGAGGGATCTACCATTGCTAAAGACTGCAGTCGCGTGCCTGG  
AAGAACGATGGCAGCTGTCATCTTAAAGCAGGGGCCGTCGTATGCTTCGAG  
TGGGAGCCAAGCCTCATGGAAGCGGGCTGCCAGCTGATGCGAAATCC  
TGTGGTGCAGTGGCTCCGGTGGACACGCCCTTCGTCAACCGAGGTGGAGCTGGC  
CAAGGTCTCGCGAGGCAAGAGAGCTGGCTCAACCGAGGTGGAGCTGGC  
TCGCCCCTCGTTGGTAACCGCGTGCCTACTCGCATCGTAAAGAGGCC  
TGTCATCGACAGCATGGCATCTACTCGATCGTAAAGAGGCC  
GTGCCAAGGTAGGATTGAGAGTTCCATTCTATACAGAACTCTCAAGCTTCTC  
CGCCGACCGTGCGCATGCACTGATCATCTCGCGTCGACCACCGGGGG  
AAGCGACTCATTGCAAGGAATGGATTTCCTCGAGGTGCTCACACTGGCGAT  
CGATCTAGGTCTGCTGATCGAGGCAGAGTCCTGATCGCGCTCGATGACATCG  
TTCGATCAATCACGGATGTCAGACGGAACAGAAACTCAGATCGAACTCATCG  
ACACTCACCTATCGGTCCAAGCCGCCGTGGCGTACGATCAGCAAGAGGC  
AGCCCAAGCCATTGCACTACTGAAAGTGTGGGAAATGGCTGATCGAGCAG  
CTTAACAAGCGCCAAGTGGTAAAGCAAGCCGCATCTCATCAGCTTGATGG  
ATCTGTCGCCGTGGTCAGGTTGGGAAATGGCTGATCGAGCAGGCCAGTGG  
GCATACCGGCATCGATTGACACCATTATTTGTCGATGACAACGGCTGGAG  
TGGGTAAGCGACTAAGTGGCCTGAGGTTGGGAAATGGCTGATCGAGCAG  
GCGCTTATAGCTGCCATGCTTGAACGCAGCTGTATTGGCCAATTCCAAGGG  
GCCGTGGTTCAAGCGGTGCAAGCGATGGTGGGAAGCTGCGCAGGTCAGTC  
TCTGCGGAAATGCGCTAACGCTGCCGTCTTCAATTGGCTGGTGTCTC

GCGGT CAGCAGAAGCGTGGGAGCGCCTCGTCAGTTCTGGAACGAAGCGCTAACGC  
CGAATCTCCCTACGGCTTCTCCACCTGGATCTCTTGCCATTGGAGCGGAGCCTGA  
TGCTTCGGTCTGGAAGCGCTACTCGAACCTGGCGGAAGCTGCAAACAGCTCCCT  
CGACGCAAAGCCTCTGAAAGGGCGTTGATCGAACGATCGATCAAGCTGCTCCGA  
CGCGTTGGACAAGAGCTATCAGTCCTTCTTCAGTGCACAAACGGCAAGCCCTTGG  
ACTGACAGAAGGCTCGTGTCTTCCAAAAACCTCAAACCTGAGTCTGCATCTAC  
TGTGACGGTTTTGACCATCGCTCAGTGTGAGCAAGCGCAGATAACAGACGA  
TCAGTCTCTAAAACCAAGGCTACCGGATATGAGTCTGTTGCTTGACCCGGAAAA  
TTTCCACCGTTCAATGACAGTATTTACAAGGCTTGTCTTGCAGCGGCTTGC  
TCTGAACTCGATTACTCGTCAAGTCCCAGACTCAGTGGTCTGATGGCAGAATTGCT  
GCGAAATTGTTCGCGCCATGAACATCCATACGGTGAGGCGGCTCCAGAATTGCT  
GTTGCATTGTTATCTGGCGGATGCGTTGGTCAGAACGACTTGGACACTGTA  
AAAGTCCGCCGTTGAGAGGCTGATACATTGGAAATCCCAGCAGCTGCTGGTT  
CTTTCCCTCATCGGAAAGCTCCTTAGGTCTATGGATTGCCAAGGTGAGGGGGAC  
GTCGCCACTGGTGATCGCGGGCGTCAGCACACCAGCCTGCCCAAGAAGGTGG  
GCGTAGCCCCCTCCCTCATTGGCTGTTGGCATAGGGCACCAGTGCGCCTGATCTC  
CCAAGAGACATCGCGTTGCTGAGGTGGTCATCAAGCTTTCACTACTTACG  
CCATTACGGCAAGATCCAATGGAAATCGAAGGAGAGAATTGTTGATGCGCCAGG  
ATGCGATCCAATGTTCAATGCTGGGAAGCATGATGCTGAGCGGGTTAGAAG  
CTCTTGAAGGTTCTGATGAGCTATTGGAAGCGTTGGGCCATTACAGCGGCTCCG  
CCGTTGATCAAAGTGATCGACTGCAAGTCTGCGCGCTTGCCCTGCTTCGATTG  
AGCACGCTATTGCGAGTCGATGCTTACTGCAGCCGGTCTGAGCCGTCCACCTGG  
TCGTTCATCGGGCGCAGTCGAAGCGCTGGTGCGCGCGTGTGGTCCTTACTGCG  
CAAGCGACACCAGTGGCTGCTGCAAGAAG

>CONTIG\_117\_length\_4437\_cov\_17.552668

ATAAAGCTGAAAGAAGAGAAGAAAGGATTGTATTGATGAAGAGAAGCGGGGGGG  
GCGAGCGCAGCTCGGCTGGGTCATCGCTCAGACGACTGGCGCGACTATGAG  
CGATTGCCGAAACGTTGGCGGTTGCACTTGCGTCTCACGATCCTGATGCTT  
GAAATGCAGCCGCTATTCAAAGTCATAACACGCTCTAGGCACGTCCAATAGTG  
CCTAAGGGCCGGCCAGGGTGACGCTCAAACGTGCGCAAGGCGAACAGAACGC  
ACATAGCAGCATCGAAAGCCGGCGTGCTGCAGCCTGCCAACCGCAACCGCAA  
TTAGCTCGAGGGTAGGTAAATCCTGACCTGGTCCACACTGATGGGATAGCGGGTA  
AAGTAAAGCCCACGCCACACAGGAGGGCTGCGCTGCCACAGAAAAAGCCAGGC  
ATGCCCATAGGCGAGCCGTCCGTTAGGGTCCAGAACGGACCACAGCATGTCCGGC  
TGCCGGCCAGCACCAATACACCCGCTGAGTGGCCAGCAACATAGCCAGCGCGT  
AGTGAATAGGAACGGCACCATCACCAAGAGCAGCAAAGATCGCGGCCGCTGCC  
CGCTGATCCACCAGGTTGATGGCGCAGCTGCGCACAGACAAAGGCCAACAGGC  
ATCCCCACCAATGGTACGAACCCGCCTAGCTGTTCATGCGACAGCTGCCGAAGCAC  
TGGGGTGGTCATCCGGAGCAAGCTCCGGTCGAATAGCTGAGCGATACTGCAGTTG

GTGGCCAGCTCCTGCGAGCACGGTGGCAGCCACGTAGAGCAGGTTGACCTCCTC  
GATCGTCTGACGTTCGGCATCTGAGAAATCACGAAGCTTCCAGTGTCTCGTCGAC  
CGTGTGATAAAATTTCGCAAGCTCGACATGATCGAACCTCAAACCGCTCGACCG  
GTGCGCAGTCACAACCACCAAGTGCCTCCGCTGTTCTGGGAAGCGCTGTCGAAC TG  
GAGAGCCTCGGCTCGAATCCGGCTGAGCGCTGGTGAACCGCTTCCGCCATAGCG  
CTCGACCACCTTGCCCAGCCAGTTAACCTCTGCACAGCTCAGCATATTG  
GCCAGGCTCTCGAAGGACTCGAAAGAAGCGATGAAGGGATTACGGACATCGGCGGG  
ACCGAATTGCCGAAGCTCGAGATATCCTCGCCAATCTAAAACGATAAGTGTGAC  
GCCACCGACATACGCCACCTGATTCTCTGCCACTGCATTATTCGCCTGTCGAA  
AACCGCAGCGTTAGTGCAGTGTGAAGGCAGTGCCGCGTAGCTGAGACTCGCCCTCA  
CCTGGTCAACGATCGTATCCATGCCAAACCGCGTAGCTGTGAGACTCGCCCTCA  
GAGCGAGGATGCGATTGCCACTCCGCAACTGCAGGACCAAAGCGGAAGGAGCCA  
GTGAGATAAAACGAGGAATCCGCTTGACGAGCTCCATAGCATTGCGAGGCCGCG  
AAATGAGTAGATAACCGTATGCCCTGAGCTGCGACAGGATTGGTGCCTGAGCTGATCATAATGGT  
GTCATATGCCAACGCGGGCGGCTGAGCTGGTAGAGCTTCAGGTAGCCGCGTAGCGA  
CCATCGGCAGGTTGGTGCCTGCATGGCCGCCAACATCCTTGCAGCTGCGAGCA  
ACGCGTGGCTAGGTATTCTTGAGCTGAGGATACCGAATACCAAGCGAAACGTGAG  
TTGCGCCTATCTGCTCATCCGCCACACAAGAAATGCCTTACGGTTGATGACGC  
GTTGGTGAACACACGCACCACAGCAACCGTAACGAACGGGTGATGAGTAGTG  
GTGCCGGTGATATGAAAAGGTTGATATGCCAGAAGCTCCCGTGTGACTTCACGTTGCGTAGG  
CCGTGAGGGAACCATGCCAACGAATGTCCCGTCTGCAGGTGAACTACCAAGCGAA  
CGTCCAGCGGCCTCCAGCTGGATAGATTATTGAACGCAACCATGAGCTGGCGCTCA  
TTGGGACGTGCATCTGCAAAGCCGATAACGCTAGAAGACTCCCGTCCAGCGAA  
TGCATTGGCACGGATAATCTCGCGTTCGAGGCGATGATTGCCTTGTGAGGT  
GAAATGCACGTCTATTCTCCGCCACTTGGTGGCATATGCTATACCAAGCGAA  
GAAATAGTAACGTTGGCTCAGGCTGCTGCCTTAATCGATTGCGACCGCAGCAGTA  
ATCTAAGGGATGGCTCGCTGCCAAACCCAAAGTCGTCAACGTGGCCCCATGTG  
GTCACGAACATGTCCAAGACAGTGTCAAGCGCAAATGCTGAGTCCGGGAGATCAC  
GTCGGGGGATATCCAGTGCATA CGGAAAGACTCAAATCCAAGCTGTTCATAGAGC  
CCGGTCGGTCCCCAGAACGCGCGTAGACGTACTCCATTGCTCCGCCACGGACTTG  
GAGAGTGGCTGCAAGGTGAACTCTGCCCGTCTGCTTGTAAATCCAGCCAAGGAC  
GCGTGCACCTCCTGCCACGTCGACTAATAGTGGAACTTGGGAAACAACGGCTC  
CAGGCCTCATCAGCATCACAGAGTTGCCACTTTACGACTTCAGTGGAAATTAC  
AGACATGTTGTCGACCCCTCAGTTATTGGATAGTTCTACTCAATTAAATTACCTGTCTA  
ACAGGCCTCTATCACCAATTCTACTTCCCCTCCGTCACGCCATTGAGA  
ACAAACTGCACCTCGTCAGACAGGTTGAGCCTCGGAACAACTGGTAATGCCGA  
TCCCAACGCCAGAACCTAAGCTCGTCCAGTGAGGACGGACACTTGCTGTAG  
CCAAAATCCGACGACATGCTCAGTGCTCGTGCAGCCGCAAGTTCAACAAATCTCTGC  
GAGTTGCTATGTTTAGCGGCGCGCTGCTGACCAAGGAAGCATGCGAGACCAACCA

CCACCACCGACTGCCTGCCGCAGGCTTGGGCAGTAAGCGCCTGTTCTCGCGCG  
GAGACGGCTCATGGGAAATATTCAATGACTTGCATCTTGGTCCAGCGTCAAT  
GGCGACTGTGACGAATCCATGAGGAAAACCGCTGCAATTCCGCCAAGTTGGCGGT  
CGGCTGGCGAACAGCTGTGATCAACTCAGAAACCAAATGGCGCGAATAACCGG  
GCAGCCATCGATTAGGGCTCGACTTCCACGTCAACGCCAAGAGCTCGAATCTTGG  
TGCTGGTGCCTGAAATTACCATGCATAGCTGAACCTTCCGGACGGATCCA  
TGCCTTAAGCGGCACTGGTGAACATAAACACAACGGTTGTGGCGAAAAGACGTGGT  
ACGGCACGATTCTGATGCCGCCGATACGGCGCTTACCCCACGCCAGGCCAGGT  
GCGTTCGGCACCGCAGCAACGGCAGGAGCAGTCTCAGATTCTAACAGACGGCAGGT  
GCATAGTGCCTCAGATGAGCAACCGCAAACGTGTTCTGCACTGACTGCGAAGGTG  
CGCCTACGTTGACATCGCGAGGACATCGACGTGGCGAGCTAGAGCACACCT  
GGATGTTAGCGATTACACGCTACAGCGAACGCCGACAGCCTGCCGGCCCCGATT  
GCTGCATTGAACTTATAGCTTCGCCACTACATCGGCATCGACGATAGCAAAGGTT  
CGCGACTGACATCCTGCCATCAGCATCAATCACCAGACACCCCAACCGTGC  
AAATAAGGCCGAAGTTTTGGATGGACATTGCCTTGCCTAAGGCACATAAAA  
GATCGTCCATCGCAATGGCATGTCGCCATGGCTCTCCATACGAGCGAGGCTTAG  
GCGGTGCGCCGGGCCACTCACCTCCCCATGACACGGCTCGTATGCAAGGCCAT  
CAGCAAGGGTAAGAGCATTGGTGAAGTTCGATGGTGTGATCCTCGGAGTGACT  
AGGTGGATTCCAACCTCCAAGTCGCCCTCACGCCAGTCCCCTGTATGAGCGCACGC  
AAAAACCAACGCTTATCGACACAGAACGATGCCCATGCCAGATCGATGTC  
TTAAGCACGAATGCATTGCTCTGATTGTCATGGTGTGCGCTCCGTTGAAAGGTGG  
GTGTTCAAGGCCTGGTGTCAACAGCTGGCAATGCCGATCCGTCGCTGCTGGT  
CTGCTCGTCGTAGGCCACCAGTCGAGCGCTCCGGATAAGCAGCCACATCAGCT  
TCTCGTAGGCAGCTAGGCCCTGGACATCGGTAGCGCTGACAACCTCGATGCAAGA  
TCGAGCAAGTCCACGGTGGGGCG

>CONTIG\_118\_length\_4379\_cov\_32.738946

AAAGCAGCGTGCCTACTCCGAGACCGAGCAGCGCCGCCCTGATGCTGCCGCAA  
GAGTTGAAGGCATGGCTTGACAAGGAAGTCTCCTCTATGAAGGCATCCAAAG  
CCCGGTGCTCTGCAAAAGATCAAGTATTACGAAGACGCCATTTCACCAAACGGCT  
GCTACCAAAAGCCGAGGTGAAGAACGAGCTGTCTGCCGCCCTCGGGCTATAAAAT  
AGCTCTCAACCACAAATTAAAGCCATGCCGGAAACGAAGATGCCATTGTAATG  
AATATATTCCCTGAGCCGGATGTTGCAAATACGACTTGGAAAGCAATCGACAGAGAC  
TTCGTTGCGGTGGCGCAATGCAAGAGACTGGACAATTGATCGTGTGACATG  
TATTGCGCAATGTCGCAAACGGTGGCGGCCAGGAAATCGAGGTCAAGAACCAGAC  
AAAGTTCTTTCTATTGGCGTGGCGAGCTCCTGACGCTGAGACTGGATCTGGTCA  
CGGTGGAGGCGCGAGGTCAAGCCGGTGGTCCATTGGAGACTGATGTGGATCA  
ATGGTGGAGATGGACTGCCTGAGCATCTCAAGGCTGACAAGGAGCAATTCA  
GACCTCAAAGAGGCCCTGCTCTACAAGGATTGGCGTCCACTCCAGAAACACG  
GAECTACCACATCGTTTGAAATCGATGAGGGTGCTTGGTGTGAATGGCACGATAT

CTGCCCAGGACGCAATCGATAGAATTGTCAGAACCCCTGGCGATTACCAAACACCA  
GAATCGCTCGGGTCGCTGCCGCACAGGTGGATGCAATGCCTCGGCAAGGTAC  
TGTCTCTACAGTGGCCCAGCAGCAGAAAGACATCTGGTCGACTGATGTCATTGGATC  
GATGATCGATTCTGGTGAAGACATCCGGTTATCGATAAAAGTCAGGCATCGAAGTT  
TCTTAATTCCCGCGAGTTCTATACCGCGCTCGCCGACATCTACGAAATTGCGCTCGT  
GAGCTGATAGAGGGTCTCATCGGGGACCTGCCACGGAGTGGCTTACCCACCTAC  
GCAAGGTCCTGGGCAGATGCTCCGGACGGTTGCCATGCAACCGTAGGTGAAGT  
TCATGCCATCGTGGCGACGCTCAGCCAAGCCCGTCTTGGCAAATTGAAGTGCC  
TCGCATTCTGCCAATCCAAACGTCACCTCGATTGAGGGCTTCCCGTGAAGCGCT  
GGTCGGTGTGAAAGATCGGCTCGGTCAAGCAAGCAGCCTTGAGCTGATCGTGGCC  
GTGCGCGTGAACACGAAGGCATGCTGCGCATCCCGCCAGTGATGATGCGCTCCGC  
GAGAACAAAGTTCTGAGGCTCGATAACAGAGAGTATTTCTGGAACAGCAATTGA  
GGGAACGTCAAAGGCGTTAGACCAGAGCACGCTCCGCTCAGTCAGCGTATGAAAC  
CGCCAACCGAGCATGCCAGGCGGTCAAGCGCGTGGGATGAGTGGCAGGGACGC  
AACATCCAAACACGCCGGAACCTGAAATCCCAGGCTGCGTCGCCGGGATGAC  
AGCAGGGCTTGGGTTGGGTGTCGCCCTACCGCCTACGATGCGTCGCAAGCCGG  
AGAGCGTGTGGCACGCTGTTGGCACAAAGACAACCTCACCGCTGACGCTCAGAAG  
CGTTGCACTTGCTGCGAGGCGCGGGCTGGCGGGAGGCGCCGCTGCCGCT  
GCCGTTGTTGGACAACCGGTGCAGGCCCTGCGCTTAGTAGTTGCCATGGTTAT  
CTGTTCACTGCCGCTGCCGACAAGGCCGACCTGTGGACAACGCCAGATCTAC  
ACACAGACCGATAAGCAGGGCGTGAGCTGGAGTTCAACGGCAGCCAGTGGCTCG  
CCAAGAAAAAGCCGACCTGCAAGACGATGGCGTGGATACGCCACAGAACAGGGC  
ATGTTCGCACTGCCGAAAAAGCGCGAGCTGAACACTACGCCAGTGGCGAAC  
GACCGAGCAGGCACTGGCAAGGTCAACCCAGTAACCCCTATGTGCAGCCATCCA  
GTGAGGCAGATGCTGCGCATCTTACGCACGGATTGGCGCATGATCCGGCAAGT  
GGCCAGTGGTCTCGGATGGTCGCCGATGAAGTCGATGGAACGATGGCCCATCTG  
GACGGTGGATCCAGCAGGTCTGAGCGCAGTGCCGTTGGACCAGCAGGCAGGCC  
AGGTGGTTGACGCCAACATGCCCGAGGTCCGGCGCAATTGCAAGAACCTATCAA  
GCTGCGTATCAGCGCAATGGTTGGGGGACTTCCGGCCCTTGCCAGCGGCTGTGCAA  
ACAGCCTGAACCCGGACTCGTTGCAAGCCTCAGACGGCAAGCAGTATCAGCGCA  
TACGCAAGGCCAGTGGCGCCATGACGGCGTTGCTGCCGAAGGCAATGTCCGCTGG  
AACTCAAAGCAACGCGCAACGCTTGCAACCGCATTGGAGCAGCACGCGCAGGCC  
TTGGCACAGATGCCGGCAAGGCAAACGCCAACGCCACAGCAGCAAGACCAGGCC  
ATACCGAAGCGACCTATGCCGCTATGGCGTTGCGCCCAATGCCAGACTGCAAGC  
GCGATCCAGCTGCGGTGCAACGGACACGTGAGGCAAACGGATCGATGCCGCGAC  
CAGCTTTGGCGTTGGAGCGTATGCGACTGGCAATACTCGGTGGACAGCCCCAT  
CCAGCATCTGAGGCAGACGCCATGGTGCAGTGCCTGCGGCGACCACCGCG  
CTGACGAGATCCATCAGGCAATTGGCGAGGTGCAGTCAGTCCGGCAAGAACAAATT  
CCTTCGGCCGGTGCAGCGGAGCAACGCATTGACGCGCAATGCCCAAGAGCGCGA  
TGCCTACGAACAAGCGTTGCGGGAGGCCAATCGGCAGGGCGTTCCACGCAAGAAC

CGAACAGGTCGCAGGCTCGCCGAACGACGGTCACCGCTCCGCATGTGGATGAA  
ACCCAAGGGCCTCAGGCAGCATTGATGCGCAGAGGGATAGAGACGTTGCACGCGC  
TGCTGAGCAGCCTGCTGTAGCAGAGGCCGGCACACCTGCTCCGGTGTGATGCCTGC  
CCCCGTCAACGCCAACCGCGGAAGAGCCGTCCCAGGCTGCCAAGCCGCCGAAC  
CGAAGCCGAACCTGTCCCAGCGAACGCCAAGAAACCCAGGCACCTGAGGTT  
GCCGCACCCTCGGCAGCGCGCAGTCCAGCCGAAGGCAGAGGCAGTGGTCCAAC  
CTTGGCAAGCGCATCTGCGCCAGCGCTGGATCGGCATCATCCGCTTCGACCTCTGC  
CGATCAAGCGGCTACTCAGGCCACTGTGCCGACGCAGCCGCCGGCATCAAGTGAGG  
TGGAAAGGGCTGCCCTCGCGATCGAGGGCAGGAGGTGAGTTCTGCAGTATCGC  
TTGCAGCAAGTGGATGCCGTGGTCCGAACGGCCAGGCCGTGCCGAAGACGGCA  
CTATGGTCAGAGACCGAGCATGCCGTGAGGCAGTTCCAGCAAGACCAAGGGTGC  
CGGCAACGGCGTTGCCGCCAGACCTGGATGCTGCATTGTCCCAGACACAACAC  
GCGCGCCGAGAACGCTCTGAAACCCATAGAGCCATCATCGGCTAATGCATCGGTGGA  
GCAGGGCAGCGAGCAGCAAGCGCAAGGAGTTGCACCACAGAACGGTGCGCCATCG  
GCTGTTCCATTGCAGGCAGAGCAGCAAGAGGCCGTGCGAGCGCCGTGCCGGCAAT  
TCCAACGCAAAGCGAAGTGCTGGCGCAGATCGTATTGCCGGAGCCCCAACCGCTG  
CCTATGTGTCGCTGGTTGGGAAACTGCCGCTCAGACACACACGAAC  
GCATTGAGGATCGGGTTGAGCAAATCAGGCCCTCCAAGATGTCGCTCAGCAGGCG  
TTTCCCTCTGATCATCGAGATTACCGTTCTGCCATCCAGGCGCAGCTCCCCG  
GTGGCACATCTGATGAGAACGGCCGAAGTGCTGCATGCCGTCAAAGAGTCAGGG  
ATCGAACCGCGGGATGAACCTCGCAAAGTGATCATCCAAGATGATGTCGCCCTTGT  
TTGGCAAAACGCCGGCTTCACTCGAAACCTCGCTAACACGCCATGCCCTGGC  
ATCAATGACACCTTGCAGAAGACGGAAGCATTGGATCAGCAACGGCGCAGGAGAT  
GGTGCAGTTCCAGCGGGAGCGCGAAGAGATCGACAAGAATCCAACAGGCCCGTGA  
TGACGATGCCGCTCGCTCAACAGCAGGCGATGTCAGACACGTC

>CONTIG\_119\_length\_4358\_cov\_5.906169

CAGGTTGGTCATGCTGACATTGCCGCGCTGCGCGGGCAGGCAGTGTCGATCAGAG  
AAAATTGTGCTGGCGTGTCTCCATGCTCAATAGTTAATCGCTGGCCATTAGTG  
TTAACAGGCCCTAGTCCCGCCGCATTGAACCAAGGCCAACCGCTGACGCGTTCTAA  
TGTCGAGGTTAACCCAAGGAGGCCTTGGCTACTCATCCTCATACAAGTTGCTGC  
CACTCGGTTCGCGCCTGCCGTGGATGAGACCCGCGCTCGTGTATCAATGG  
CTGGCGACTGGCTCCTCATGGACATGGCTGACCTCAAAGGTTGTCTCCATGAGC  
TCTCTGCAGACTCTCCTTGCTCGCAGATTACAGGCTAGGCACCTGGCGATCGCGG  
AGACCGACCGCAGCAGCCTATGCCGCTCCTGAGTCAGATCCGCACTCGAAAGTCCT  
ACATGGTGGCGGGCCAGCACTTCACATTTCTGTTGTCTTGCGGTGCCACCACA  
CCTGTAGCTATTGCCAAGTGTCCGCCAAGCAACAACTGCCACCGCCTTGATATGA  
CTGGCTCGCATGCCGGAGCAAGCGGTGAGCGGCTTCTGAATGGCCCAGCCAAGAA  
CTCACTATTGAATTCCAAGGTGGGGAGCCCTGCTCAACTTGAGCAAGTCATTGGC  
ATCACGAAGCTCATCGTCAAGCGAACGTTACGAACGGAGAGACCTACGATTGTC

TTGGCTTCGACCCTTCATGACCTCACCGAAAGCCAAGTGGCATTCTGGCAGAGCAC  
CGCTTAAGTTATCCACCTCTTAGACGGTCCAGAATGGCTCCACAACGCGAATCGC  
CCGCGACCTGGCCCGACAGCTATCGTCGCACCCCTAACGGTATCGACCTGGGGCG  
GCGCTGGCTGGGGAGGATGGGGTTCGGCTCTGACAACACTGACCAAGCTGAGCTT  
GGGAGTCCCAGAAGCGATCATCGATGAGTATCGGAAGGTAGGACTCACTCCATCT  
CGTGAGGCCTCTAGCCCCTACGGATTCGCGAATCGGACGGCTGCCAACCGGCT  
ACTCAACGGAAGACTACCTGGCCTCTACACACAGGACGCTTGGCCACTTGATAGCGG  
TCAACCGCTCCGGTTACGCCCTAGAAGAGTCGTATCGCTCGCTCTGCTCTCGCAGC  
TCTTCACTTCGTTCGGTACGGATATGTCGATCTCAGGTCGCCATCTGGTGCAGGGCCT  
TGGCGCTGTACATCTATGACCACGACGGGGGGTCTACCCCTCTGACGAGGCAAGAAT  
GCTCGCAGCGATGGGAGATGACCAAGTTCGCGCTGGAGACGTTCACAAACCGGTCG  
CCAGTTGGCTTTCGTCCCCGTCTGGCGCTATTGGAAGCTGGCGTAGCTGAGG  
CTTACCTACCTGCTCCGATTGCGCATTGTCGCCGTGCGGCCGGACCCGATTG  
AGCACTACGCACGCCAGGGAGACACCGTCGGACACCGCCCGTCTAGCGATTTGC  
AAGAGGAACATGGGCTTTCGATCTTGAGCGCTACGAAACGTCTGACCGG  
TGGACCCAAGGCCTGATGAGATCCTGGCGAATCCAAAGGCAACGGAGGAAGTTTC  
CAATGTTGCCGCTTGAGACCAAAGCACTGCTGCCATCCACCTGTGCATCCCTAC  
TGAAAGTCGTTGGCTTGCAGATTTTCGAGCTCCTCCCTGCCGTGGAGCGGATGG  
CTTGGATAACAAGGGCTTGGACCTGCAACGGTTGAGCGAATCACTGTTAGGACTGC  
CCTGGGGCGCTGCCTGCACCTGAAGAAGCGGCGTGGTCGACGATCTCCCTCTCG  
TTCGCTGAAGGGATCGCAGGACCTCTGCAAACCAAGGGACGTATTGAACTCAATC  
CGCTCAAAGCAAGGTTGCCATTGCTACCGACGGGGCGATAAAGGAAACGTGCTG  
TTCGCCACCGAGCGTTGCAACAGCTACTGCCTGATGTGCTCGCAGCCCCCGTGAA  
GTCGAAGACGCTGGCGTCCAGCATCTGTTGACTTGATTGACCTAATCGACCCG  
AACGAGCCCTCTCGCGATCAGCGGAGGCGAACCCACGTTGCTGGAGATGGCTT  
GGTCCAGGTGACCCAGAAGTGTGCGGATGCGCTGCCGAACACCCACATCCATGTCC  
TCTCGAACGGACGGCTCGTGATCCCGCGCTGCCGTGCAAAGTTCGCGGGTATCCACC  
CCAATCTAAGTTGGGTGTCCCGCTCTGGCGATCACTACGCCCTGCATGACTATG  
TCGTTCAGAGCGAACGGCCCTCGCCGAAACCTTGCAGGGGCTTGTATGCCCTAGAGG  
CCGCTGGCCAGAGAGTTGAGATCCCGCGTGTGCTGGTAAGCCAAGCTCGAGCGA  
CTGGCACAGCTCGCTCGTACATCTGGCGAACCTCCCTCGTGGAGACGACGTGGCG  
CTGATGGGCATTGAACCAATCGGATTGCAAAAGCGATCAGCAGGAACGTGGGC  
TGACCCAGCCATTACGCGGCAGAGCTGGGGAGGCGGTGAGACGCTCGCAGAGG  
GAGGAATTGCTGTCTCTACAACCTGCCGTTGCACCCCTGGATCGCTCTTTG  
GCCGTATGCAGTCAGAGCATCTGCACTTGGAAAGAACGACTACCTCCTGCATGTAA  
CGCTTGCAGTCAGAGCGTTGCCGGGGTTCTTCGTTGGTCACTCCGGCGTG  
GACCAAGTCGCGCCGTATACCAATATTGGAAGCCTAGACATGTCCAACGCCCTGATG  
ATTATCGGCTCTGCCACTTTGGCAGCTGGCCACTGAGCCGCCAACGGACAGTCT  
GATCTCATGATGCTTCTGAGATGGACGGAAATACGCCACAGTTCTGAGCACCTCC  
TTGAACGCCGGCGGCACAACCTCTATGCCGGCATAGAACGCCACAGCTCCACCG

CTCGCACAGCTCGCATCGGCACACTCTTCCGGCTCAGGAAGTTCCCTACAGATCCTA  
TTCGCCCCCGCCTGCCACGACCTACACGCCGCCAGCGAGCACCTACGCACCGTCCTC  
TACGTCAAAGAGCACCAGCAGCACCTCGGGCGCGTCGTATGGCAAAGCTTGCAGC  
CGACTGGCCCATTCAACGACTTCAGCAAACCAAGATTAGTCGAATCGCTCTCGTCGA  
CCTCGACCTCGACCTCGACCTCGACCACCAAGCTTCTCGGAGGGTCGGGATGCGG  
ACGCCCTGAAGCTACTCATCATGCGAGTCCAGGCTGCCCTTACTCGAAGGGCTACG  
ACCCCGGTGCCATTGATGGGACCCCTGACCGCTGAGACGAAGTTAGCCCTCGGCTGT  
TCCAGCGAGCCTATGGACTCAAGGCACCGCACCATGACCACTCCAACGCTGGAT  
GCGCTTGGTGTCCGGCTGTAAGCTAAAACACTCTTTCTAAATTAAAGCGGTAAC  
ACAGGAAGCAGTATGAATGTAAGCACCGAATCTAGTCGTTCAAAAGAAAGCTAGT  
TCACCCACATGGAGGGAGGTAGCTGACTTCTTGTGCATATGCTGATAGGCGTCATATT  
TGCATCTACGCTCTCCTCGCTGCAGTAATAGTTGGATGGTAGCCCCTGGGCTGA  
CCTACAGCTAGCGGATGAATTGTTAAAAAAATCAATCATCTTCTTGAGCGCGCCAT  
TGTGGGCGTTGACATCACCCTTCTATGCTACCTAATTAAGTCAGCCTAAAAAT  
AATTTTCTGGAAAAAAAGCAAGATGAATGAATACCTCGATGCTTGAAACGTGGA  
GCCATTAGGGAGCAAAGAGCGCACCCGGTGAATTCTCCTCCACTCACTGGTTA  
TTCAAAAAAAATTTTCTGAAGGGCACCGCCAAGCCAAGCCAATCAGCAGACACCC  
TGACGCCACCAAGAGCAAGAAGCTGAAAAGTCTGAGAAAAATCGAGGAAAAGCT  
GCTCATTCTAGTCGCTCTAACCGTCTCCGAATCAACAAAAACTGAAGC  
TGCATCCCAGGGTTATCTGGGTTAACCGTCTCCGAATCAACAAAAACTGAAGC  
ACGTTGGAGTGACTGCCGGAGACAAAACAAACGGCAGACTCGTATCGAACCGC  
AAATATTGACGAATACCGTGACAGCGGACGGCGAACCTCTAAAACGGAGTGCG  
GGGAAGCACTATGCCGGAGGCAGCCTATCTCAAGGTGCGGCTTCGCTGCCCG  
AGCGTCTCGGCCAGGTGTCGCGTCAGCTCCCCAGTGCCGTATCC

>CONTIG\_120\_length\_4338\_cov\_15.307528

CAATCCGCTGGAACTGCACGGCATTGATACTCATCACGCCACCTCGTGGCTTCA  
GGTGACAGCAGCATCCACCCAGCGCGCGCAGATCCTGCGACAGGGCGCTGATGGT  
CAGGGCTAATCAGGTAATTGTTGAATTATTGAATCCTGTCATTACATTCTCCA  
CATATCTTGCCTCAGTGCTAACCTCGCTCCTGTTAGCTGTCTAAACTGCC  
TTAGTTATACGTATATGTCGAGGAAGAGACGATAGCTGGCTGCATGATTGCA  
GCACGGCCAACCCACACAAGATCGTGCACCACGAACACCCGTTAGCAACAAG  
CAGTTGCTGGTATCAATCCGGTGACATGTTGATGGTAGTCGCTCGTATA  
GACCGTTTCTGAGGGATGACGATATTGTCACTGCCACTTAATATTCAAAGC  
TGCCTAGCGGCGTTGGTATTCTGTAGTCGCAATAAAACTGCCATTACACGGTC  
GCCGTCTATGCTGTGATAACGCCATTGTGCTCTGATGATCTGGCTGCGCAATA  
GAGGAAGGTCTGTAATCTCAGTAGACCGGGTGGCTGACTTGTATCTACCATTGT  
TGTGAAATCAGCCATGTCAGCGTATAAGACAGTGCCTCGATCTCTATGGCGTCATT  
CTTCAGGCCAGCTTGAGTCGCTCCGGGACCTTGTCCCCTCGCGCTCGACAC  
TGTGACCTGAAAACGTCATAGCACCAATCCTCAAGATCGCTCTTAAGTCCCATT

CAGTCCTTGGTCCGGCAGCAAGAATTAATCGCGCAGCCTCGCGCACGCCGTGCG  
ATGTAGTGTCCGCATCTTACCCCTCACGTAGCGATAGGGATGGTCGTCAATCCT  
GCCAAGTCGCTCGCAACTCAAATCCACATCCCAGGGCTCCATCAGGAAAGCCCG  
GCGCCGCCAAGGCAGCCATGAAAAGGCCAAACTCCAAGATGACGTTGTCGCGGA  
TGATCGGCCATTCGTCGTCGCGTGATAAAAACATCGTCCCCGTGCGCACGGCAA  
TAGCGAAATCCGAGTCGCCAGTTCCATGCCACCGCTAGAAACGGATCGTGTGCGAATTGCT  
CCCGAAACACGCCGTTCTCCATGCCACCGCTAGAAACGGATCGTGTGCGAATTGCT  
TGATAAGTAAGTCAACGATTGGTAGCGCTTCCACGGAAAGACATGATGAATACCGA  
ACCCGCTCTCGCTGGCGGTACCAAGTGATTGTTCCACGGAAACTGGTCCCGCAGCAGCCGAAAATTC  
GGCCTCGCTGATTTGATCAATACCGTATCTTCAACGGGGATGACCGATGCCGCCCG  
GGGCTGAGAGGGCTCGATTGCGGCCATTCTCCGACGGTATCACCCGGGAAGCGGTT  
CGCTACAACCTTGCCGTTGACCCGAACCTCGACCTTGCCGGCGATGATGAAGAAAAC  
CTCCGAAGCCTGGTCTCCCTGATTGATGAAGGTGGTCCCAGCGGGAACCTCCATCAA  
TTCGCCACGCCACAAGCGTTCCGCAAGCTCTGCCGGTTGCTACCAGCCTATG  
TTCCGTGAGGGTCGCGACCAAGCGCCGCGTCCCTCGTCCCTGAAATCGCTCGAT  
CATTACGCCCCGTAGCGTCAAGTCTGTTAGGATGGAGCGCCGCCCTCTATT  
CAAGGTGAGTGCCTGCCTCAGGTGTACCGGTTCTCAGATTGATGGCCACGTCGAG  
GCGGCATGAATCAGCGGGTTCTGGAGCGTAGCCATCGATGGCCCTGGCACG  
GTCTAGAACCGCTCCTCGCTCGGCAGCAGCTTGCAGAGCGGGCAAAGCCCTG  
CTGCTCCTCATCTTGAGCTGCTCAAGCGCCGCGACCATCGGCTGCTCGCTC  
GTCGTGCATCAGCTCCTGAGACCTTGCGCGGTAAGCAAAGAGCAGTCCTGTC  
GCCGCTGCTCAAGTTACGAGCCTCGCCCGACTCATCGAGCAAGGTGCGGGCGA  
GGTCGAGTTGGTCGGCGTCAGTCGCGGATTGGCCATGCGCCAAAGATAGCCCGAG  
TGCCCCGAATGTCAGAACTCTGGCAGGTTTCGAGGTTGTCGGAGGAATCCGTTGT  
CCACTGTCTTGATGTAGTCAGCCCCATTGACCGTGTGATGATGTATACCGGCTGTC  
CTGCCATTGGCTGTTGCGTAGGGGATAGTGTGAAACGTGACCCCTCCTGATCGC  
TTAACGATGGCCCGCGCTCGTGTGCTCGTAGCCGGTCCGAAAGTGTACCGTTGTC  
CTGATGGATGCGCACCCGGTCGATATGCGTGTGCGCCGCGCTGTACCGGACAGCCG  
AAATGCCGTAATCCGCCATTAGCCATGTTGCCCTACGATGGTTGGTAGGGTTA  
TCGTAGTGGAGCTCGTGCACAGGCTGCGACTGAACAACAAGAACGCCACCTCGA  
CGGACGGCCTCTGCCCTAGCCGGCAAATAGAGCGTAGTAGGTTTTTAGT  
GTGGTAGTTCCGGAACGTGTTGGCCGGAGCCACTACCTATAGGAGAACTGGTGGAG  
AGGGGGGGTAATGATGTCCTGACTCTCCTGCAGCACGTAACCTAGGAGGGTGTCTG  
CCTTGTGAACGCCATTGTTGCCCTGGAAGCCACTATTGACTAGTGGCTGACCTA  
TTGCGTGTGCCTGAGGCGCAGGTTGCTGATCGAGGAATTGCCGGGGCAAGGT  
GGTGCCTAGCGGAGTAGGAGCAGGGAACGCATACTTTGGGGCGCGGAACCTG  
GTCTCTCTAAGGTTGGAAGAGATGTACTCATAGAGGCCATGACAAACTCCACCAT  
AGGTGTGTAGGTGAGGTGCAATAAGACTGAAGCCCCGGTCATCTAATGATTGATAC  
CTGCGGTAAGTCCAATGAGCGACGAAGTCCGCCATCTGAATCAAGCGCGAGGCTT

GGAGTTAATGAAGAGTGGGACTTCGGCAAAGTTACGCAGTCTCCCCGTGGTATGGC  
CTATCGTTGAATTACGACAATGACTGAATGCTTGCTAAACATTGCGTCATC  
AAAAATAACAATGCCGCGTTGAGGATCCTTGCTAGTCTGTAGCGAGACGCCAGAA  
AGCCGTCGAAGCAAGTCGCCGAGTGCTCGAAAGCCTGGGTATGATTCGTACGTT  
GTAGAAGCGGCTTTGATCACCGAGGCGAACGACACGAGCTTAAGTTGAACGTCA  
CTGAGTGCATGCAGGACGTCAACCGTTGCTGTGACCGGTCGTTGGCTCAAAGTT  
TCCCAGCCATCCGAGCCCCCTCATCACGCTAGCATGGAGCTCGATGTTCCGGA  
TGCCTGGGGTCAAAGCGGCTGGAATCTTGTCAAGGTGCTGTCAGGCAATGCGTT  
TGTCGCTCAAAGATGCAGACGCCAGCAAGGACGAAAAAGTCAGAGTTGGGTCGTC  
TACAGACCCTGAGTCATCAAGGTATAGCAGAAACATCTCGTCGCTCCGTAACGAAA  
AAGGGCCCTTTCAGAGGGCCCTTTGTTGGTTCGGTGAGCCAAGTGAGACAATCGC  
TCAACGCTCTGCAATTTCATCAGCGCTCCCAGCTCGGAGAAAATTATACACCGATG  
TAGCTCTGGCAAGTAGATATTGCCTCCGTTAAGCTTGTGTTCCGTGACCATC  
TCCATGGTTCTGAACACTACCACCGAGTCTGCCACGCCATGGCGCAAGACTTCTACTC  
AGTGAGTTGCTCCAAGTTACGAGCAGAGGCCACCGGGAGCCACTCAGGAAGGCGA  
TGGTGGCCATGCCATCGTCAGTGCAAGCGCGTCATACCCACCACTGGGCCAGC  
TGAAACCCCTGGTCGCGCTGCCAGCCCGTGTAGGCCACGCCATGGCGCAAGACTTCTACTC  
GCTTCCGCAGGGCCCGTCAGCCATGAGCGGCCAACGATGAATCCGAGCGGGCC  
CAGGAAGAGCAGGGACAGCGAATACCACCAAGAAGAACCGGTTGCGGAGTAGTC  
ACCTTCTGGGGCCGCGCATGGGCCGTCTCGCGGAAGTCGCCATGGCGCCT  
GCCGACATTCCCACCATCGAATGGTTGGTCTTCATTGGCGTAGGCCCTCCAGG  
TGCGTCGCTCTGGCGTAGCGCAGGTTCTGCTAACGGGGATGGGCACCGCCGGC  
CTCCGATGTCGATGCCACCTCCC

>CONTIG\_121\_length\_4295\_cov\_13.879079

CCTGTCGGGTTCTGCGATTCTCGCGTTCGCGCTGGAAC TGCA CCATCTCCTGCA  
CCCGCTGCTGATCCAATGCCCTGTCTGCAAGGTCTCATTGATGCCGGCGACG  
GCGTGTGAGCGAGGTTCCGAGTGAAAGCCCGCGTTGCCAAAGACAAAGGCG  
ACATCATCTGGATGGTCACTTCCGGAGTTCATCCGCGCGCTCGATCCCTGACTCTT  
TGACGGCATGCAGCACTCGGCCGTTCTCATCGGATGTGCCCTGGGAGCTGCG  
CCCGGATGGCAGAGAACACCGTAATCCGATGATCAGAGGGAAACGCCGTGCTGA  
GCCGCATCTGGAGGGCCCTGCTGCTCAACCGATCCTCATCGTGTGCG  
TTAGAGCGGGCAGTTGCCCACCAAAACCTGGCGACGACGCATAGGCGCGGGTTG  
GCGCTCCGACAACACGATCTGCGCCGGCACTCGCTTGCGTTGGAATTGCCGGCGA  
CGCGCTCGCACCGCCTTGCTGCTCGCTGCAATGGAACAGCCGATGGCGCACC  
GTTCTGTGGTGCACACTCCTGCGCTTGCTGCTCGCTACCCCTGCTCCACCGCCATT  
GCCGATGCCGGCGCAGTGGGTTCAAGGCATCTCGCGCGCTTGCGCTGGAC  
AACGCTTCATCCAGGTATGGGCCGGCAACGCCGTGCGCCGGCAACCCCTGGTCTTGC  
TGGAACTGCCTCACGGCATGTTCGGTCTGGACCATAGTGCCCGTCTGCGGCACG  
GCCTCGCCGTTGGACCCGGCATAACCTGCTGCAAGCGATATTGCAAGAACTCG

ACCTCCTGCCCTGGTCGCCAAGACGCAGCCTTCCACCTCATGCGATGACGGCGTT  
GTTGGAACAATTGCCTGGGTGAAGCTCCTCACGAGACGTGAGAGTTGATGCTGCC  
GATCCAACGCTCGGCACAGATGCGCTGCCGAGGGTGGGGCTACTGCCTCTGCC  
GGCTGGACTGCGCCGGCTGTCGGGGTGGCAACCTCAGGTGTTCGGGTTCTGG  
GGTCGCGTTGTCGGACAGGCTCGGGCTCGGTCGGCAGGCTGGCGACCGGGCG  
ACGTCTCTGGCAGCGCGCGTTGACGGATGTAGGCATCACGACCGAGGCAGGC  
TGCCGTCTCGAACAGCAGGCGCGTCGGGTGTCGTGCAACGTCGATCCC  
CACGTCAATGGCGGCCTGAGGCCTGGGTTCTGCTACCCGCAGCGGTGACCG  
CGTTGCGCGAACGCTTGCACCTGTCGCTCGTAGGCATCGCGCTCTGGGGCGATT  
GGCTTCGCGCAGCGCTGCTCGTAGGCATCGCGCTCTGGGGCGATTGCGCGTCAAT  
GCGCAGCTCTGGTGCACGCCGGCGAACGGCGTTGCTCCTGCCGAAGTGA  
CTGCACCTGCCAGTGCCTGATGGATCTCGTCAGCGCTGGTGGCGCAACGCG  
ACTGCACCATCGCGCTCGCCTCAGATGCTGGATGGGCTGTCCACCGAGTATT  
GACCGGTCGACCGATAAGCTGGATCGCGCTTGCACTGGCATTGGCGAACGCC  
GGCGGCATAGGTCGCTCGGTATTGGCCTGGTCTGCTGCTGCTAGCGTTGGCGTT  
CCTTGCGGCACCTGTGCCAACGCTGCGCGTGTGCTCCAATGCCGGTTGCAAGCG  
TTCCCGCGTTGCGTTGAGTTCCAGCGGGACATTGCCCTCGGCAGCAACACCAT  
CATGCCACTGGCCTGCGTATCGCGCTGATACTGCTGCCGATGCTGAGCGA  
GTCTGGGTTCAAGGCTGTTGCACGGCCGCTGGCACGGGCCAACGCTCC  
ATTGCGCTGATAAGCAGCCTGATAAGTCGCTGCAATTGCAAGCTGGCC  
ACGGGCAAATTGCGCTGCCGATGGCCACCGGCGACTGCGCTCGGG  
TTGCCGGATCAACCGTCCAGACGGGCCATCGTCCGATCGACGTCG  
TCCGTGACCACTGGCCACTCGCCGGATCGTGCACATCACG  
CAGCATCTGCCTCGCTGGATGGCTGCACATAAGGATTACTGGG  
GTGACGTCGCTGGCGACCTGGCGTGTCCAGAGCGT  
CAGCTCGCGCCCTTCCGG  
GCAGTGCAGACATGGCCTGCTTCTGCCGATCCACGCC  
ATCGTGGCGACGATCG  
CTTTTCTGGCGCAGCCACTGGCTGCCGTTGA  
ACTCCCAGCTCACGCC  
CTGCTGCTGGCGCTTGC  
GGTTGCGTATAGATCTGGCGGTG  
TCCAGAGCGT  
CAGCTCGCGCC  
ACTGAACAAATAACC  
ATCGGCC  
ACCCAGCG  
CGACGGCG  
GACCTCCC  
GCCAGGCC  
CACGCC  
CTCGGG  
CACCA  
AAAGTGCAGCG  
CTCTGAGCGCG  
CAGCG  
TAAGGTTG  
CTTGGGCC  
AAGAGCGT  
GCC  
AACACG  
CTCCGG  
TTGCG  
ACGC  
ATCG  
TAGG  
CAGTGG  
CGGCA  
ACGCC  
AACGCC  
AAGGCC  
CTGTC  
ATCCC  
GGCG  
GACG  
CAAGC  
CCTGG  
ATTT  
CAGGT  
CCGG  
GTGG  
TTGG  
ATATT  
GCGT  
CCCT  
GCC  
ACTC  
CCC  
AGCG  
GGT  
GCT  
GACCC  
GCC  
CTGG  
GGCAT  
GCT  
CGT  
GGT  
TAGT  
GCATT  
TG  
ACG  
TCC  
CTCG  
AAA  
ACT  
CT  
CTG  
TTG  
TCG  
AGG  
CCT  
GAG  
GCC  
AAC  
GCC  
AAG  
GCC  
CTG  
GG  
ATT  
TC  
AGG  
TCC  
GG  
GTGG  
ATT  
GGCA  
AGAA

TGCGAGGCACCAATTGCCAAAGACGCGGCTGGCTGAGCGTCGCCACGATG  
GCATGAACCTCACCTACGGTTGCATGGCAAACCGTCCGGAAGCATCTGCCAAGG  
ACCTTGCCTAGGGTGGTAGAGCCACTCCGTGGCAGGCCCGATGAGACCCCTAT  
CAGCTCACGAGGCAGAAATTCTAGATGTCGGCGAGCGCGGTATAGAACCTCGCGG  
AATTAAGAAAATTCGATGCCTGACTTTATCGATAACCCGGATGCTTCGCCAGAAT  
CGATCATCGACCCAATGACATCAGTCGACCAGATGTCCTCGCTGGCCACTGT  
AGAGAACAGTGACCTGCCGGAGGCATTGCATCCACCTGCGCGCGAGCGACC  
AGCGATTCTGGTGGTAATGCCAGGGTCTGACGAATTCTATCGATTGCGTCCT  
GGCAGATATCGAGCCATTCACACCAAGCACCCCTATCGATTCAAAACGATGT  
GGTAGTCCTGTTCTGGAGTGGACGCCAAACCTTGATGCGAGTAAGGCCTCTT  
TGAGGTCAGCTATGAATTGCTCCTGTCAGCCTGAGATGCTCAGGCAGTCCATCTC  
CACCATTGATCCACATTAGTCTCCAATGGGACCAACCAGGCTGACCTCGCGCGCCTC  
CACCCTGACCAAATCCAGTCTCAGGCCAGGAGCTGCCATGCCAATAAAATGAA  
AACTCGTTGGTTCTGACCTCAATTGCGCCACCATTGCGACATTGCGCA  
AATAAAGGTCGCGATCAGATCGATTGTCAGTCTCTTGCAATTGGGCCACCGACTA  
CAAAGTCTCTGCGATTGCTCCAAGTCGCAATTCAACACATCCGGTCCCGAATAA  
ATTCAATTACAAATGGCATCTCGTTCCGGCATGGCTAAATTGCGCAAGAGC  
TATTTTATGAGCCGAGACGGCGAGACAGCTTCACTCGTACGAGCTTCCACCTCGGCTTGGTAGC  
AGCCGTTGGTGAAGTAGGCATCTCGTAATACTGATCTCTCGCAGAGCACCGGG  
CTTGGGATGCCTCATAGAGGAAGACTTCCTGTCAAAGCCCATGCCTCAACTCT  
TGCAGCAGCATCAAGGCCGGCGCTGCT

>CONTIG\_122\_length\_4192\_cov\_21.511931

GACGTGTCTGACATCGCCTGCTGTTGAGAGCGAGCGGCCATCGTCATCACGGGGCCT  
GTTGGATTCTGCGATCTCTCGCGCTCCGCTGGAACTGCACCCTCTCCTGCGCCC  
GTTGCTGATCCATTGCCTCTGTCTTGCAAGGTCTCATTGATGCCAGGGCGATGGCGT  
GTTGAGCGAGGTTCCGAGTGAAAGCCCGCTTGGCCAAGAACAAAGGCGACAT  
CATCTTGGATGATCACTTGGAGTTCTCGCTTGCAAGGCTCATTGCGCGTTCGATCCCTGACTTTGAC  
GGCATGCAATACCTCAGCCGTCTCTCATCGGAGGTGCCTTCGGGAGCTGCGCCTG  
GATGGCGAGAACACACCGTAATCCGATGATCAGAGGGAAACGCCCTGCTGAGCGA  
CATCTTGGAAAGGCCCTCACTTGCTCGACCCGATCCTCATCGTGTGCGTTAG  
AGCGGGCAGTTCCCCACCAAAACCCAGCGACGACACATAGGCAGCGGGTTGGGC  
TCCGGCAATACGATCTGCGGGCACTTCGCTCTGCGTTGGATTGCCGGCAGAG  
GCCTGCATGCCCTTGCGCTGCTGCAATGGAACAGCAGATGGCGCATCGTC  
TGTGGTGCACACTCCTGCGCTTGCTGCTCGCTGCCCTGCTCCACCGGCCATTGCCG  
ATGCCGGCGCTGTTCAAGGCTCTGGCGCGTGTGCGCTGGACAAC  
CTTCATCCAGGTCTTGGCGCAACGCCCTGTTGCCGGAAACCTGGTCTGCTGGA  
ACTGCCTCACGGCATGTTGGTCTCCGGACCATAGTGCCCGTCTGCGGCACGGCCT  
GGCCGTTGGACCCGGCATCTACTTGCTGCAAGCGATACTGCAAGAACCTCGACTT  
CTTGGCCTCGGTCGCCAGGGCGAGCCCTCACCTCATGCGATGACGGCGGCGTTG

GAACAGTTGCCTGAGTTGGAGTTCCCTACGAGACGTGAGAGCTGATGATGCCGGCC  
CGGCACTCGGCGCAGCTGTGCTTACCAAGGGTGGCGTACCGCCTCTGCCTCGGCT  
GGACTGCGCCGGCTGTCGGGGTGCAGCAACCTCAGGTGTTGGGTTCTGTGGTT  
CGCGTTGCAGGGACAGGTCGGCCTCGGGTGCAGGCTGGCAGCGACCGGGCGCG  
TCTTCTGGCAGAGGCAGCGTGCAGGATGCAGGCATCACGACCGGAGCAGGCAGTGC  
CGTCTCCGCAACGGCAGGCAGCGTGCAGGCTTGGTTCATCCACATGCGGAGCGGTGACC  
GTCAATGGCGGCGCTGAGGGCAGGGCTTGGTTCATCCACATGCGGAGCGGTGACC  
TGCAGCGAAGCTGCGACCTGTTGCGCTTCTGCGTGGACACACCTGCCGATTGGC  
CTCGCGCAACGCTTGCAGCATGCAGCGTCTGGGCGACTGCGCGTCAATGCG  
TCGCTCCGGTGCATTGGCGAAGGGCGTTGCTCCTGCCGAAGCGATTGCACTTCGCC  
AAGCGCCTGATGGATCTCATCAGTGCTGGTGGTTGCCGAACACCGCACCGCACC  
GGCGTCACGGCTCAGATGCTGGATGGGGCTGTCCACCGAGTATTGACCGGTGCGCATC  
ACGCTCCAACGCCAAAGAGCTGGTCGCGGATCAATCCGTTGCCACGGGTCTT  
TTGCACCGCAAGCTGGATCGCGCTGCGGTCTGGCATTGGCGAACGCCATAGG  
CGGCATAAGGTCGCTTCGGTATTGGCCTGGTCTTGCTGCTGTGGCGTTGCC  
TGCCGGCATCTGTGCCAACGCCCTGCGCGTGTGTTCTAAGGCTGGCTGCAAGCGTTC  
ACGCGTTGCGTTGAGTTCTAACGGACATTGCCCTGGCAGCAACGCCGTATGGCG  
CCACTGACCTTGCATCGCGTGTACTGCTTGGCGTCCGAGGGCTTGCAACGAGTC  
CGGGTTCAAGGCTGTTGCACGCCGCTGGCACGGGCCGAAGTCCTCCCAGCCATT  
GCGCTGGTGGGCAGCCTGATAAGTCGCTGCAATTGCAAGCTGGGCCACGGCAATGT  
TGGCGTCCACCACCTGGCTGCTTGTGATCCAACGCCGACTGCCCTCAGGACTTG  
CCGGATCAACCCTGCAACGCCGATCGTCCGATCAACGTCGCGCAACC  
GTGACCACTGGCCATTGCCGGATCGTGTGCGCAATCACGCCGCTAGAGATGCGCA  
GCATCTGCCACTGGATGGCTGCACATAAGGATTACTGGGTTGCACCTGCCAGC  
GCCTGCTCGGTGCTTCGCCACTGGCGTGTAGTTCAAGCTCTGCCGTTTGGCA  
GTGCGAACATGGCCTGCTTCTGCCGGCATCCACGCCATCGTCCGGCAGATGCC  
TTTCTGGCGCAGCCACTGGCTGGCGTTGAACCTCCAACTCACGCCCTGCTGTGCG  
TCTGTGTAGATCTGGCGGTTGCTCCAGAGCGTCACCGCCCTGCGCAGCAGCAC  
TGAACAAATAACCATGCCACCAACCAGCGCAGGGGCCGGCGCCGGTTGCGCA  
ACAACGGCTGCCAGCGGCCCTCCGCCAGCCACGCCCTGCCGGCACCAAA  
GTGCAGCGCTCCGAGCGCGCAGCGTAAGGTTGTCTGTGCCAACAGCGTGC  
CACGCTCTCCGGTTGCGACGCATCGTAGGCGGTGCGCAACGCCAACGCC  
AGCCCTGCCGTATCCCAGCGCAGCAAGCCTGGAATTCAAGGTTCCGGCGTGG  
TGGATGTTGCGTCCCTGCCACTCATCCAAACGCCCTGACCCGCCCTGGCATGCTG  
GTTGGCGGATTGATCGCGTGAUTGAGCGGAAGCGTGCTCTGGCTAACGCC  
GTTCCCTCAATGCCGTTCCACGAAAATACTCTGTGTTATCGAGCCTCAGAA  
ACTTGT  
TCTCGCGAACGCGCATCATCACTGCCGGGATGCGCAGCATGCCCTCGTGT  
CACGGGCCACGATCAGCTAAAGGCTGCTGCTGACCGAGCCGATCTTCAC  
CCAGCGCTTCACGTGGAAGGCCCTCAATCGAGGTGACGTTGGATTGCAAGA  
ATGCGAGGCAC  
GAGGCAC  
TTCAATTGCC  
AAAGACACGG  
CTGGCTGAGCG  
TCGCC  
ACGATGGCA

TGAACCTCACCCACGGTTGCATCGGCAAACCGTCCGGAAGCATCTGCCAAGGACCT  
TGCCTAGGGTGGTAGAGCCACTCCGTGGCAGGCCCGATGAGACCCCTATCAG  
CTCACGAGGCAGAAATTCTGTAGATGTCGGCGAGCGCGGTATAGAACTCGCGGAAT  
TAAGAAACTCGATGCCTGACTTTATCGATAACCCGGATGTCTCACCAAGAACGATCGA  
TCATCGATCCAATGACATCAGTCGACCAGATGTCCTCGCTGGGCCACTGTAGA  
GAACAGTGACCTGCCGGAGGCATTCGCATCCACCTGTGCGCGAGTGACCGCAGC  
GATTCTGGTGGTAATCGTCAGGGCTCTGACGAATTCTATCGATTGCGTCCTGG  
GCAGATATCGAGGCCATTACACCAAGCACCCCTCATCGACTTCAGGAAACGATGTGGT  
AATCCGTGTTCCCTGGAATGGACGCCAAATCCTTATGCGAGCAAGGCCTTTGA  
GGTCAGCTATGAATTGCTCCTGTCAGCCTGAGATGCTCAGGCAGTCCATCTCCAC  
CATTGATCCACATCAGTCTCCAATGGACCAACCAGGCTGACCTCGCGCCCTCCAC  
CGTCGACCAAATCCAGTCTCAGTGTAGGAGTTCGCCATGCCAATAGAAGGAAAATT  
TCGTCTGGTTCTGACTTCAATTTCAGTGCCACCAGTTGCGACATTGCGCAAATA  
CAGGCCGCGATCACGATCGATTGCTCAGTCTTGCATTGTGCTACCGACCACAAA  
GTCTCTATCGATTGCTTCCAAGTCGTATTCACAACATCCGGTCCGGAATAAATTCA  
TTTACAAATGGCATCTCGTTCCGGCATGGCTTAAATTGTGGTCAAGAGCTATT  
TTATGAGCCCAGACGGCGCAGACAGCTTCTCACC

>CONTIG\_123\_length\_4174\_cov\_4.205584

CAGTTGGTAGAGCAGGGGATTGAAAATCCCCGTGTCGGCGGTTGATTCCGTCTCG  
GCCACCAGTTCTAACGCGTTGCAGCGCAGGCATTGCCCCCTCTACCCGCTGCTGAT  
CTAACAGCCTCCAATTGATTGATCCGATTTGACCCAGTTGCCAAAGTCGGTAAA  
CGTGCTCGTCGATGCCAAGTGTAGGAGTCCAGTCTTGCATTGTGCTACCGACCACAA  
TTGGTACGAGCGCCAGCCACCCAGCTCCATGAGCGATCGCAGCGACGTGCCGCGCA  
TGACGTGCCAGCTGGCCCAGGTGTGCCAGATCGTGCACCGCAGTGGCGCGATA  
CGGGCGCGCCGCTGGCGGCTTGAAGCCGTGGTTGCGCCGGTCTGACGGCTCG  
CCTTCGTCGTTCGAACACCCAGCGCGGGTGCTTGCCTCTGTGTGGCCAGCACG  
GCCATGGCCTGGCGTTGAGCGGTGAGCCGATCGCACGCTTCGCTTGACCTGGTG  
CCGGCGACCCAGGCCACCTGCCAGCGCAGATCGATCCGGCTCCATTCCAGGCGCAA  
CACGTTCTGCTCGGCCAGCCGGTGGCCAGCGCAAAGAGGTAAGGCGCACCGCAGAT  
GCTCGGCCAACTCGTCGTGCAGCCGCTCAGCCTCCCTGACGGTGAGCCAGCGATAGT  
CCTCTTGGCTGCCGTTCTTGCAGGGCATCGCAGGGACATGGTCAGGCCACC  
CCCAGCTATGCCCGCGCAGGATCGAGCGAACCAAGTGCAGGATCTTCAGCG  
GTGCAGCGGGAGGTGCGCTCATCCTGCCAGCACGCTCACGCGCGCTCG  
GCCATGCGGAGGACCAGCAGCTCCGCAAGGAGATCCGAGTCAATCTGCCAGCGT  
TTTCTACGCAGATGTGCATCCAGCCAGCGCAGGTTATGCAGGTCTTGCGAGGTT  
GCGCTTGGCCTGTTGCGGCCAGCCAGCGCGCACGGCTCGACCCAGCGTCGCTC  
GGGTTCTCGCCTAGGCGGCTCGCGGTACGTTCCGCATGCAGTTGAAGCCCA  
CTCGGTTGCGAGCGTCCGGTCGGCAGTCCCAGTGCTCGAAATACGCGCTGTCCGCT  
TGGGTCGGTGTAGCGGACGTACCAGGTGTTTCTGCCCGTGCAGCAGGATGTA

GGGGCTTCTGCCATGGTCACCGGATAGGTAGGCCTCGAGTGCCGCCTGTGGAAT  
CTCCATCGGCCGCCAGTTGCGACCAGGTGGATGCTTACGGGTTTCATCATTCCG  
CGCAGGGTGACTIONGGTGGAGCTTCAGATAATCGCGGCCCTGCCGGAGTGTCACTCAC  
CTCGGTGGCTCGGCCTCAACCATCTGCCGTCTCCCGTTACCAGGGTGGCCGACGA  
TGGTGTGTCATGGCGTACCTCGATGCGGACTGCCGGCGCTGGGGAAAGGCAAAG  
GCGGCCGCGAACAGCACGAGCGCCAAGCTATCGCGAAGAGCTCGGCCGTGCGC  
GGCGTCTGGTCCAGCGAAGAAGTGGTCTCAGCCACCACAGCAGGCTGCGA  
TCACTGCAATGGTAGGTTGCACCTCCGCATACCGCACCTCTGGCTGGCCTGCTG  
GTCAATAAGGTCCAGCTGCGCCGAATCAGCGCGCAGGTGGGACCATGGCGCCGT  
TGAACAAAGATGGGCGCTCACGCATGGGCCGGTCCTCGGCTGGTCAGCCACTTCCG  
AAGGTATGCCAGTCCGCATCCAGGAATGCTCGATATCGCGCTGCCGGCGGT  
CAGCGCGCGCGCGCGGGCTGCGCGCGCCACACGCCCTCGCGGTACGGTGA  
AGATGTCGGCGCCACCAGAGATGGCACTGCCGGTGCAGCGCTGCATGAGCCAAAGT  
TCGACCAGCTGCATGCAAGGTGGATGGTCTTGCCTCCCTCGCCGGTAACGAAGTGA  
TTTCGGTAGCTGGTTGCGGCCGTGCTCTCCGGTGCCAGCGAGTGGCGCAGCACG  
TGCAGCTCTCCTGCGTCAGGTACGCATGGTTGTGCTCCTGTGATGCCCGCAA  
GTACTGCGGCAGCTGTGAGGTCTGGCGCTGCCGTTGCGCCAGGCAGGTCTGGTA  
GTGGCGGCCGAAGTCTCGCGAGCTGGTCGCTCGCGTCTCGGGCACTGGG  
AGGTGTGGTCAGCTGCCGGCGACTCGTAGCGGTGCAGGCAGCGCGGGCGTGGT  
ATCTGGAGCGGCATGCCAGGTCGTGCTGCACGATGGCGTCAGACCGACAGCC  
GAGGAGGGCGATAGTCATGACAGAAATCGCGTCCTGACTCAGGGGGACGATATGGA  
CTGGTGGGACGGCTCTCAGTGCCTGCCTAGCGCGAACTGCATCGTCAATTG  
GTCGGCATGGCGACCGTAGCCAGCGTTGGCATCGGTGCTGGCTGGTGAACATC  
CCGCACCGCTGAAAGATTGCGAGGCAGCAATACTCGCCGCTCTGCAGTTGCGGG  
AGGACACGGCCCGATTGGTCTGCCTCATGAACGAGGTGAGCTCGCTTCCCG  
CTCGGGTGGCGATGACTATCCGCTACTTGAACGGCTCTGTTGGTGGCGAACGAGT  
ACAGGCCTGTGAGCGTGCATGTTAAGGGACAAGCCTCAAGGCCCTATGCCGAAT  
GCCAAATGCCTATGCTCCAAATTGCGAGAGCAGGTGCAAGAACGCACTCCATAATTG  
CCAAGCACTCGGTGAGGATCTGCCAGCATCGTAGGTATGAGCCGCACACTGAAT  
GAECTGCTCGACGTGCTCCGAAAGACTTGCCTGCAGGCCATTGCGCCATGCCGG  
TTCGCAGACGAAATGGCATAACACGGCAACACGCAAGATTCGAAATTCTTAGCGA  
CAACCTGGCGTTGCTTTGAAATGAGCAAGCAGTACGCCAACGAAATTCCGTGCGCT  
CGCCAACATAGAACTGATCGATTTCGACGGACATGTTCGTACTGACACCCAAAGC  
TGTCGCTACGCCAACCTAGCGACGGCGACGCGAACGTTCCGATATCTGCTGG  
GTGCTCATGCCAACCTGCAAGCGTAACGGCTCGTGCAGGGTGGCCTGGCGA  
GGGCTACCAGCGCGGGCGCTGACGCTGTTGCCACATGCGCACTGCAGCGCTG  
GTGCTGATTGCCCGCGTCAGCGGTGCGTGCAGCGGTAGGAGGCGGGAAAGCC  
CTCGCGCGGAACAGCTCGTGCCTGAGCATGCGCAGGCCATGCGATCGCGTGGTC  
CGTAGGGCGTGCCTGGATTACCACCGTGACCGGCCATGCGATCGCGTGGTC  
GCGGTGTCAGCGCTCGCGAACGTTCCACGGCGATGCCGCTACCGTAGTACTTCACC

AGGAACGCCGCGACTTGCACCGCCGGCTGCTGCTCCCGCTGAGCGTGCACTC  
GATCATCCCGTGGTGCACGGCGCCCGCATAACCGTGCAGCAGCGGCTCAGCTACATC  
CTGACCATTGGCGTTCTTGCATCGTAAACAGGTGCGCAGTTGCGAGCTGCTGCTG  
GCTGCCGGTCGCGATGATGGTGCTCATCGGTCGCGCATCGCGGCCACCGCCTTC  
GTAGAACCCGCCGTTCGCCTGCTCAAGGAAGGCGCATGCGACCGCGTGCCTGCCC  
TGCGCTGGCAGTGATGGTGCCCACCGCGTGCCTGCGCATCGCGGCCACCGCCTC  
AGCGCTGCACACCGCCGGCCGACCTGGCCATGACCAGCCTGCACCATGATCGGA  
GCCACCACTGCGTGCTTCACGCCGCCGGCACGACGGTCCCAGAGAGGCTGCTGCAG  
GTCGAGTGCCTGGTGCCTGGCCTCGCGCTCGCCGTAGCCGGTCTGCACCAGCAC  
CGGCGCAACCAGCGGGTGTCTGCCTTGGTCATCGTGTAGAGCGGCTCAGCGCC  
GGAACCGGGCTCAGACTGGCCTGCGCGGCCACCTACACCTGCGAGGATCGCGCCA  
CTGCCGAGAAATGCCGCCCTCACCCCGCGCAGATCGTGCAGCGGGTTCGTCGG  
CGCGCATGGTGCCTGGTGCTGGCGTCAGTGCTCAGTGATGA

>CONTIG\_124\_length\_4161\_cov\_15.024294

CAGTTGGGAACTGCATTCCACTTGACCACCGTTGCATTGCCACTGACCAGTCAT  
TTGCATTGACGTGACCACGCGTTGCACGGAGACTTGACCGCGCACTGCATGCCCTA  
CCGGCTGGAGTCTACCGAAGCAGGCCTCGTTAAGGGCTGCTAACGGCAAAGC  
GGACTTAACGTGAACCATTCTGTGCCAGCAATTGGACTGAGGAGCTGTTACCT  
CTGCAGATAGGCGCGCTACGACCGCTCAGCTGCCGGATTAGCAGGGAGAGGT  
GTAAGCAGCGGAAGTCTGATTCACAGTAAAGGGCAGGGATCGCGCTCGGAGTCA  
CAATGGTGGTCCGACGTATGCCCGAGTCACGCCACCCGAGTACTAAAGATCCT  
GGCGCAGATTTGGATCCTGCCGGGCTTGGCAATCGCTGGTAAAGGCCGTCGT  
AGATGATGACCTCATCGAACTCCTCCCTTAGACTTATGTATCGTCATCAGATGGAT  
GCCACGCCAGTCCTCTGAGCTGCAGCGAAATGCTCCTGCATCAAGGCACCTCGGAC  
TGCCTCTCAGCCCCATGTACTCTCCCTGGCGCCACAACGCCCAAATTGGT  
TCGCAATACTGAGCCTCGGTGCAGCAGTCGTAGGTAGCGAGCATCTGTTGCTACTTG  
CTTCAAGGCTCCGCAGTGGACGATGCCAACAGGCCCGCAGGTGTAACCAGTCCTC  
CGCAGGGTCGCCGTTATTGCAGTTGCCGCCAGTTCTGAGATCGCTGAACCTC  
GCTGACAATCAACAGGCCCTGGAGGCCGGATCTTCCCAGGGAGAGGAACCCGC  
TAAGCGACCCGCCAGGTCAAGCTCGTCTGTGGGTAGGCCTGCCCGCGCC  
CCGCGAATGTGCGAGTGAAGTGCAGCATGCGCTCGCAACATGCCAGCGGT  
ACCTCCGCCAGTAACGTGGCGATAACGCCAGCGCTAGGGCCGGTTCTGCAT  
CCATTGCGACGTCGTGATTAGTGCAGGCCAGACATCAGCTGAAGAAGAAAGGTAG  
TCAGAAAACCTGAGCATCAGCCGCTGGATGGCACCAAGAATCGCGATCGATTGTC  
AGGTACTTTTGAGGCGATCCAACGCCAGAACACCGCGGCCCTGGCGGTGAAGT  
GCAGGCTCTGCCATACATGAAGTCGTAACCGCGTGAATTGACCTGCTGGTAGGC  
TGCTGCAGATTTCACCCGCGAAATGAAATGGCGGCCGAAGTTCTCCAGAA  
AGTCTCCCACCCGCCCTGGGATCAGCACCTCGAAACTCATAGATCCGCTGTTGGG

CGGCCAGTGAATGAGGCGACTGCGCTTCCAAGCTGCTGGATCAGCGCCCATTCA  
CACTGTTGTATCCTGAAACTCGTCGAGGATGATGATGGGATAGGTGTCGGAGAAG  
ATGGCGCTTAACCGATCACTGCGGCTCAGCAGTCGCTGGCCAAGCTTGCAGAACAA  
GTCAAAATGCAGGCAGCCCTCCTGTTGAAAAGGCAGTCGCTCTCATTTCGTCTG  
GCCCTATCGATATCTGCCAAATCGCCTGCTGCTCGGCGGTGGCAGAAGCTGCAG  
GTTCGGTCTGCCATTCAATAGATAGGCATGGCTCGGAGAATGCTCCATGCAGAAC  
GTGGTACGTGCTGACCTCTAGTTGCTTCAGATCCTCGCAGAGAGATCAGCTCAGAAGC  
CTTTCGATGATGCGCGCTACGGTCGGTCTGGCGAAGCTCAAGAAGAGGACCTCTG  
GCCTGGCTTGAGTATTCCGTAGCGAATCTCATTGCGAGCTTGACCAGCGCAGCTG  
TGTTTGCCGGCACCAAGGGCACCTAGCGCCAGGGCGTGCCTGGCGACTCCAGAA  
AGTCGCGCTTCTGATCGCTCCACACTTCGTCATGCCAGAGGCTGGGGCGGGACGG  
TTGGAACCTCCCATAAGGGGGTGCCAATGGCGGCGACTCGGCTGCCGCCTCTGGGA  
GAGGGGGCACGCCGGTAGCTGGGAGGTAGTGGAGGCAGCGCAGGCAGCGGAGG  
TGGCTCAATGACGTTCTGATCGCTGCCAGCGTGGTCTCACGTATTCAAGGCATGTC  
ACTGGCGGTTGGCAGGAGGCGAGCAAGTCGCCGGCGTGCACCACCCCTGGCCC  
AGCTGAAATAGCTGACAGAGCCGCTGCAGATCGGCCAGCGGCTGCGGGCGTT  
GGCGTCCATGCCCGAGATGCTGCCAGCAACTACAACACAAGGTTTGAAGCCCT  
ATAGCTCGGGAGTGCACCTCAGACACGCCATACAACACAAGGTTTGAAGCCCT  
TAGTCGCGGACTCATAGGCATGATCGACCGAGGCAGTGATGGTTGCGAGCGCCTCA  
TGTGATTGCTTGTGAAACACCGCAACACGATCTGCCAGAGACCGGAAAAATGC  
ACCCAGAGGAGCGACATTGGCTCGCCCGAGCATCGACGATAGCCACTCCAAGGT  
TTTCGAGAGATTGAAACCGCTGGGATCCAGCTCGCAAGCCGGCGGGCGGCG  
GGCAGTGCCTCGAACTCCGTACGCCCTCAAGCACAAGTACGTAGCGGGCAAGTAG  
AGCTTCGCAAGACCGAGCTTAAACTCTGCGATAAGCCTGGCTGACTGCTGG  
TGGGTATGTTGCAAGAAACTCCGGTCATAACACCCGGCATGCGCTTGAGAACCA  
CCTGGACAGGATCGAACTCCTCCAGCACGTAGGGTGAGTGGGAAGTGAAGATGGCC  
TGTGCCACTTCTGGCGTAGCGAATTGATAATTGTTCTGGGTGTTGCGATGATA  
GCGATCTCTGGCTCTCCATCGCAAGATCACGCTTGCTGAGTTCGCGATGATA  
GACAGCAGAGCCAATACCAGCGTAAATCGTGCAGTGCCTGGTGCTGATATGGG  
GCGGAATAGACGGAGCCGTCCGGCTTTCGCGCCAGTGCCATGAAGACAGTCAG  
GGTCGACGGAGCATGTCGCGGGTGAGGTCCAGAACCCGCATGCGGGTTGCTCTG  
CCCAGTCGGATGGTACGTAGTGCCGTACTGCATCCTGGACTGCGACAAGTAACCGC  
CGATATCCTCGGTCTCCAAGTGGCAATGCCCTCAGTGCAGTGGCTGAGCAAGTCT  
ACATTGTCAGTCGTGTCTCCTCAGCGAAGGATTACGTCCAACAAACGAGCCTCG  
CTAGGCTGAGTGCAGGGCGCCGGTACGTAGGGTGCAGAAGATAAAGAAAACCGC  
TTTCGTTGCTGGCGCAGAGAACCGCAGGTAGGAGCCATCCGGCATTCGGAGTG  
GCGTAAAGGTATCCCCAGCGAAGTCGTCCTCTACGTCACTACAGCGTTGAAA  
AAGACCGGTATTGCTCGCCAACATGGGGCGCTGTTCCCTCTGGGGAGCCCT  
ACAAGCAATGTCTTGGCCTGTGAATCCCACCACTCGATATGGTCGCGAAATGCC  
AGCTGCTCATCGAGAGTCCAGCGACAACACCTCGATCTGGATCGGGACGACCTC

GTTCTGTCCGGATCTACATACTGACCTGCATAGAAATCGTGCATCAATTACAGG  
ACGGCGACTCAGGCCTCCGGGCCAAGTACCAAGATCCACCGCCTCCAGCAATGTGG  
ACTTGCCGGCGTTGTCACCAATAAAAGCAGTGTGTCATTGAGATGGACCTCAC  
CGTAGGCGATGCCTCTGAAGTTCCGGACCGAACACGCACAAGATACTTCGACC  
CTCCTGACTAGCGGAAACCAATCTACTGATCCTAGTACCTCATGGTAGGTGCGATT  
CGACTGTATGCCACTTGAGAGCTCCTCCGGGTCGATTGCGTACCGCGCGCAAC  
CAAGGGCCGCTACTGACCGATTCTGCCGGTCAGGGTCGGCCAGCGGACTGGTCAA  
ATCCGATGCAAACGACTGGTCAAGTCCATGCAATTACTCACAGTAAAGCGAAAAGT  
CCATCCCCGCTATGCTGCGGTGAAAGCCCCATTACT

>CONTIG\_125\_length\_4054\_cov\_14.500637

CCCCAAACCATTGCTGGATGCTGGTTCCCTGGATTTCATTGAGGAACATCAAGGCTAC  
TGGCCATCCCAGACTCTTCCGCATCTGTCTCGGGCGTGAAACCGTGAGACTGGAGA  
GACCAACGCGCGACAGCCAAGGCCGCGTGAAACCAGTTCAGCAGCTACATGAAGA  
CCTTGGGCTTCGGAAAGGGCATCGGTGCTCATCGTTCCGCCACACGCTGCCACCG  
AGCTTCACCACAAGAACGTGTCGACCAAGACATCGCCCTCATTACCGGCCACTCGT  
TGC GGAAAAACGTCCCCGTCTGCACGACGCGTATTCCACAAGAACGCCAAGCTC  
GCCAGGGCCACGCAGATCAGGATCCTGGCAAATAACAAGCCGCCGGTCGAGTTGCC  
CAAGTATGAACGTGGCCAGTTCAAGGAGAGCTGGCAGATCCGAGCAAGTTCTATC  
CGTAATACCGACCTGCGCCTCCACATGTATCGGCTGGCGGGGTAGATAAAGCG  
CACAGGAGAGCCCGTATGTGAGGCCACACGATCGCCTATGTGCTCCACGTTGC  
CCATGAGCTCGGTTCCATGCGTTACGACATGCTCACCAAGCTCAAGCATTCCA  
TCCCCTGGAGGAGCTGGCCACCATTGCACGAAACTCCGAGAACAAACCGCTCCCTG  
AGTTGAACCTCCATCCAGCTACGAAAAACCCAAAGAGGAGGCCATTAGGAGCGG  
TGCTCCAACGGTAGCAGCTGGTAAGGAGGCCAAAGTTCTACCCCTAGATTTGGTGT  
TGTCAAGCTGGCGGGCTAACGCCACCCGTTGCCGCCCCGCCAGCCAAGGCATGATT  
CTGAGGCGGTGACTGGCCGTATGGAATACGCTCAGGGGGAGCGACAATATGCGC  
TTGGAAGCAGTCAGTATCTCAAACCTCCGCTGCTATGGGAAGAACAGTCCGGTTGAG  
CTCGACGACTAACGACGTTCGTGGTCGAAACGATATCGGAAATCAGCCATCCTC  
GAAGCGCTGGAGATTTCTTCAACTCGGACGTGGTGTCTATGGAGCAGGGCAGGCC  
CACGTCCATAACGCCAACAAAGATTGTGCGGTACCTGCGAGTTCTCTGAGCTGCCA  
CCGACACTTACGCTAGACGCTGGAGCAGATAAACCTTGGCCGACGAATATCTGCT  
ATCGCAAGATGGTCGGCTGAAGATTGGAAATCTACGATTGCGCCAGCAAAAAGC  
CATCTGCTGATGTATTGTCCTAGGCTTCCACCCACTGTTACGGATTTCGACAATCT  
TCTGGAGCTGAAGGAGAAAGAACCTCAGAAGAACGGTGAAGAACCTTGGCTTGGAGG  
TTCCTCTGAAGGGCAATCCCGGTATGCGTCGCGCTCTATGGGGTCCGCCAGGTGAAC  
TCAAGCTCAAGAGGTCGCCATCTCGGTGGCAAACCCAAGGAGGACGTCAAGCGC  
ATATGGGATCAAATCGAGCCGCACATGCCATGTTCGCGCTCTTCCAAAGTGATCGG  
AGCAGCCCGACTCCGACACTGAAGTCCAGAGTCCGATGAAAGCGGCCGTAGCTGC  
CGCAATTGCCGAAGTCCAAGAACGACATCGCTCGAATTAGGCGAAGGTCCGAGAGA

AGGCAGAGGAGATCGCTAAGAACACGCACGCCGGCTTGGCCACTATCGATCCCAGT  
CTTGCAAGCGAACTGACGCCCGAGTTCAGCCCCCTACTCCCGCCAAGTGGCAGGG  
CCTCTTTCGCTGGGTCTAAACACGGACGACGGCATCCCGCTGAACAAACGCGGTAG  
CGCGTAAGGAGGCTTGCTGGTCAGCTTCAAAGCTGAGGCCGAGCGCCGGCT  
CAAAACGAGCACAAAGCGCAGCATTATCTATCGATTGAGGAGGCCGAAACCGCGC  
AGCACCCCAACAACCAACGCATCCTCATCGATTGTTCAAGTCGCTTCCGAGGATC  
CAGGCTGCCAGGTATCCTGACCACTCACAGTCCGGGTTCGCTTCATCGCTTCCCC  
AAGAAAGCATCCGCTATGTTCTGCCACACCAGATAACCAAAAAACCTCAGATCGAA  
TCGGCGTAGACGTGTTGGCAGGGTGCAGAGGCACTGGCGTGACTCCTGACAG  
TCGGATCCAAGTATTGGTTGCGTGGAGGGACCTACCGATGTCCTCGCAATAAAGGC  
CCTATCCAACGCTCTCCACGAAGCTGACTCAACATTGCCAACCTGGCACTGATTC  
GCGCGTAGCGTTGCGTCTGGGAGGGGGACGTTAGAGCATTGGGTCAATCAGC  
ACTACCTGCGCGGCCTCGGAAAGCGGGAGGTGCACATCTACGATGGAGATGTTCCG  
GCCTACCGGGATAGCGCGGAGCAGGTGAACGGCCGAGGAGACGGGTATGGCCG  
TGATCACCATTAAAGCACGAGATCGAGAGACTACCTGCACAAAGATGCCATCGCGTTG  
GCATTGGGTTGAGATAGAGGTGACGGACCATCCCATAAGAAGGAAAGGCGACACC  
CAAGGTCTTGGTGAAGCATTGCGGCACAACGAGGTATGGTCCCCGCTCGGTGA  
CAAAAGCCAAGCCAAACTAGCAGACCGAGCCTTCCCCCATGACCTGCGCCA  
TGCTAGATGAGCGCGATCCTAGCGCGAAGTGCAGGACTGGATGCGACGCCTGGC  
GGCATGTTGGCCTGACTTGCAACCGCGACGTGTCACAACATACTGATCGGCCGG  
GAGCGCTTAGTCCCCGGCGGTAACTAGCTGGCTATTGTCAGGACCAAGTGAAGA  
AATTCTTCCGACACATCGCTGCTCACTATCGATGCGAATCTTACGAACAGCTATT  
TAGAGGGATTGCCGTTCGATCCCACGCCGCTCGCCCACCCAAAGGACGATTGCC  
CACGACGATGAGGGAAAGACCCACAAGAACCGAGGTAGAAGGACGAGCAGTAGCG  
ACCTCACCGTAGACCGGATGTTCCCGAAGTCCAGCCAAGCACAGCGCAAGCCAT  
GACGGTAGCAAGCCCCACCCGCCACCCACGAGCGCACCTTCAGGAACCCGCC  
GCGAAAGTAGGGAATGCCGCGGCTGACATGCCAACGCCCAGACCTGCTGGCG  
GAATGTGCAGCATCAGGCAGAACACCAGGAAGCCGGCGATCAGCAGTCCACCTGCG  
CAGTAGACCAAGCCATCAGCTGCTGGTCTTGAAGACAGCGTCGAGGCCGCTGCT  
AAACAACAGCATGCCATGGTCCGAGAATGACGCAGGGCAGGATCATGGCAGCG  
GGCCCGGTCGGCGCATAAAGCCGCTGGTAGTTCGCTGGTGGTCATTCTTTCTC  
TGTTAGGAGTAAGACCAAACGGTGTACGGCAACCGCATGGCAAGTGGTGGTC  
GGTCAGCCCGCAGATGTTCCGTCATCGGTACGTCCACCAGTCCAAACCTCGCC  
CGCCTGCCGAACTCATCGTCATCTTAAGCGCATTGCCCTCGCGTCATA  
GGCTGATGCCAATGAAGCCCAGTCCATCGACGCTCCGGAGATCCGACACTCCTG  
ATCACCGTTGGCAGTTGTGCAGGCATCTCAGCCGCTCGCTTGCCTTGC  
AACCGCCAAGTCTGCTGAAGCGTTGCAGGCATGCTTGCACCACAGGCC  
ACTGCTTGACAGCATCCTCCTGCTCGCGCATGCTTGCACCACAGGCC  
CCCAACGCCAAGAAGGACGCCGAAATCCAAACACGTTGAATGGTCCG  
ACTTCGTTCGTAACCCACCT

GGACGCGTTCGACGTCCACCTCGGCGCGGGCCTCCGTTCTCCAACCAGACCCGCT  
TGACGGTGAAGACCACCAGATCGTCCCTGGCATCCCTGCCCTGCTGAACAATCCGG  
TGGCCTCGCTTCACTCATCGGGATCGGAAGATGAAAGT

>CONTIG\_126\_length\_4003\_cov\_29.695562

TCACGTGGCACGTGGCACCTCCTGGAGCAAGTGGCCCCACCGGGATACGACAAA  
GCGTGGGAAGCATGGAATTGACGTGCTGCCATGATCCCCAGCGATGGAAGCA  
CAAGCCGACTGCTGACAAGGAGCGTGAGCTGGCCGTGCTGGCCAACATCCCCA  
AGGCGACCGAAATCATCATGCCACCGACTGCGGAGCCGAGGGCGAAGCAATGCC  
CGTGAGCTACTGGACCACGCCCTATCGGGACCGGTGCGCCGGCTGTGGTACTCC  
GCGCTCGATGCGGCAAGCCTACCAAGGCCATGCCAATCTGCGGCCAGGGAAAG  
CAGCGAGCCGCTGTATTGGCAAGCCAGGCACGCTCGCGCCACTGGCTCATGG  
GCATGAATCTCAGCCGCGGTACACCCCTGCGATCGCGTCCGCTGGCGGGAAAGGG  
CCCGGCCATGTGGGCGCGTGATGTCCCCACCCCTGCCCTGGCGTGCCTGAT  
GCGGCCATCGAGGCCTCCCGAGTCGACCTACTACGACATCGAAATCACCGCGCA  
AACAGCGCTCGGACCAAGTGTGGTGTGACGCATGCCAGTGGATGAGAGCCGGA  
TCTTCGCCCACGCCAGGCCAAGCCATCGTGCCTGCCACCCGAGCCAGCGGC  
CCGCTCGCTGTACCCACGACGCCAAGCGCAGAAACCTCCCTACTGATGACGCTT  
TCCCGCTTCAGCAGCTGGCATCGCGTCCGCTGGGTGGAGTGCCGATAAGACCCCTG  
GACGTTGCGCAGAGCCTGTACGACAAGGAGCTGACCAGCTACCCCGCACCCCGT  
CGCACTGCTGCCAACGAAACAGGAAGCGGAGATCCCCCGTGTGGAAACCCCTG  
CGCAGGTGCCCGCCTAGCGCAGACCGTGGCGCCCTGACCGTGAACAAACCCACC  
ATCCGGCCAAGCGTGTCAACAGCGCAAGATGGCAAAGACCACGCAGAACACCA  
TGCCATCGTCCCCACGGCGTGCCGCTGCCAGTCGCACGGTCAGCGATGACGAGC  
AGACCGCCTTCTGCTGATGCCAGCACTATCTGCTGCGCTGCTGCCGGACTACA  
CGTTCAACGAAACACGCATGACGCTGGAAGCTGGCGCGTGGATTGCCGAGC  
GCTCGCATTCCCGTCAAGGTTGGAAATCCGTGTTGGCGCGGACCCGGACAAC  
GAGGACGAGGACGAGGACGACACGGCATGCCAGTGCTGCCGGACATCAAGGACG  
GCACGCACAGCACGGTCGCTGCCGCACTGCCGGCCAAGAACGCGCCCGCC  
AAGCGCTACACCGAAGGCCACCTGATCGGGACATGCTGATGCGCAAGTCGC  
CACCAACCCGAAGTGCCTAAGGCCCTCAAGGAAAACGCCGGCATGGCACCGAGG  
CCACACGCCAACCATCATCAAGAACCTGCGCAGCGCGCTACCTGGAGTCCAAG  
GGAAAATTGATCGTCAGCACGCCACTACTGCGTTGTGGAGGAAAAGCTGGACGAGCTGC  
GCCGATACCGACGCCACTACTGCGTTGTGGAGGAAAAGCTGGACGAGCTGC  
GCCGTGGCTTGGGCCATGAAAGCGCGACGAGTTGCTTCCAAGGTCGCCGCCA  
ACGTCACCCGCATCATCGATCGCGTGCAGGCGATGCGACCAAGGCTGCCGCTAGC  
CGCGTGCCAGCGAAGGCCAGCTGCGCTATGCCAGCTCATCGCAATGGAGTTGG  
CGTCCCGCTGCCGTCCAACGCCGTCAGCTCCACGTGGCGTGCAGGCCTTAGA  
TGCCCCACAGCGCCACCTACGGCAATTGCCGCCAGTGAGAAGCAGCTGGCCTACG  
CGGAGAAGCTGCCGCCAGAAGGGCGTGACCTGACCGACGAGCAGCGAGGCC

ACGTGCCCGCTGGCGCATTCCCTGGACCTACACGCGCCAAGAAGCCCAAGGCAT  
CCCCCGCCAAGAAGACGACCACCAAGCCGAGGAAGCCAAAGCCAAAGCGTG  
ATAGATGCCTGTCATGCTGCATGCAAGCATGCAAATCGATAGAGTACTGTGT  
ACACACATTGCACACCTAGCACACCTAACGACACGCAGGAGATTAGATGGCCGTT  
ATTGCCGCACCCGACGCTACCAGGGCAGGTGCTAAATGAAGCTCCTGCATGCCATCCT  
GCGTAGCGCTGGTCAGGGCATGATCGCAGCCGTGGCTGGCTAGCGCCGCT  
CCCCCTGATCTATCCGATGGTACCGACTGGCGAGTGGTCAGTGGCCGCTGTTGTT  
TGCAGGTGCTGTTGCACTGCTGGCCCATTGATCGTCGCGTGCATCCGACAGCAGGCCTAAC  
GCTGGCAAGCTGGCGCATCGTCACCTGGCGCGTGCATCCGACAGCAGGCCTAAC  
ACAGAGCGCGCAGGGCAAGTTCCGCTGCCGGCTGTTCCAACGCCCGCTGATG  
CGGGGCTTTTGCAGGGCGTTCGGTCAACTGGCGGGTCTGGCGCCAGGCAGGCCA  
ATAAGCAAATCGTTGGTACACGTACAACACAGGAGGACCGTCGCTCCACTCTGCGT  
TGTTCGGTCAAACCGCGCTGCGTGCCTGCGTGCACGCTGGCACCCGCTTGC  
CAATGGCATGCGCACGCTGCATAGCAACACACACACAGCTACTAGCGCCTTTGAC  
AGAGTTCGTCTCAATCGGAGATTGACGGCATACAAGTACCCATATAATGGGCCGT  
GGCAGGCCTTCGGCTGACCACCAATCACCTACTACAGGAAAGCCCATATGAGAG  
CCGACAAACTCAGGATCATCACTAGGAATCAGGCACATGCACGAGAACGACAGCAG  
CAGTAAATCGTGCACAGGTCAACATCCTGACCTGGACGACAAGGCAGTCAGC  
GGGACATGAACGAACCTCCGGAGGCCATCGGGATCGGTTCTGGCAAGCTTAAGG  
ATGGTGCTACTGGGATTACCCCTAGTATTACGTCAAGGAAAAGCTACATTAGCAGGC  
GAGGGTGTGATCGAGCTGAAGATCAATGGCCGCCCGCATATCGCTGTATGTATGCA  
ATCGCCAAGAATGGCGATGTGGTGGTTACATGCAACGTCCAAGACGGCGCAAGG  
TCAGGACAAGCAGCTGGTGAAGACGACTGCGGAGCGGTTCAAGCGGCTGATGCGCG  
GTAGGTAAGAGCGGGAAAGCAGGTTAAAAAAGCGATGTTACAGCATCGCCTTTT  
TAATTTCATTCCAGGCGCGGTTGCGCCTGTCGTCGTCGGGAAGTCGAACAGGTA  
GTCGAATGAGTAGCCGGCCCTGAACATCATTCCAGCAGGGCATCCACCGAGAACG  
GTTCGAGCTGCGCATCAGATCGCTGACGCGTGGCTGTCACCTGAGATGAT  
CGGAGGCGGTGACTTGATTCCAGCCTTGGCGCGGATCAGCTGGATCAGGGTATCC  
CCAGCTTCTGAGATTTCTGTGGTACTCGGCCGATCGCGGAGAACAGTG  
CGTAGGGATTGTCTGTATTCAAGTGGTACCTCTCCAGGGCGACTGGAGCCTGG  
GCGCGCGCGACCAGGGCAAGGAGGATTTCAAGGTGTCATCATCTCGCTAG  
AGCGAAAGTGGATGGAAATGGCTGCGCATCGAGTTGACGGACTATATCCGTAC  
TTGTATCTATTAGGCAACAAGTAGCTAGTGAGCTGTCACAAAAAAAGAGAACAAAG  
CCGCCGCCGTGAAAGCCTGCGCCACAACGCTTCCGGCAATGTGCCCAAGGC  
GACCAAAACGGTAGGAATTGTAACACGACGGTAGGGGAATGCAGTAGCGCG  
CTACAGCGCGCTACTGCGTGGATTGCCGTTATGTGCGCTGGCGGCCGCG  
AGAG

>CONTIG\_127\_length\_3992\_cov\_199.953946

GGCGCCGCATGCGCGCGATCGCGTGGTGCACGGGACAAGATCCTGATCGA  
CATCCCCAACCGCTCGATCAATCTGCTGATCTCGGACGAGGAACCTGCTCTCGTCG  
CGCAGAGCAGGATGCCAAGGGCTGGAAGGCCGGTGGAGGTGCGGCCACGCAAGGTC  
ACCACGGCGTTGAAGGCGTACCGCTGCTGGCGACCAGTGCAGATAAGGGTGCAGG  
GCAGGATAAGGCAGTGGTGGACGGCTGAGCGTTACAGCGTTGCACCGGGCGCAGG  
ACCTGTGCCGCATCGTGAAACGCACCGCAGCGGGCTTGCAGGCCAAAGCG  
GCAAGCGCCTCTCACCGGCATGGCAGCCTCACTCGTCGCCAACACGCAGGCCAGC  
CCATCCAGCGGACTGCGCACCGCAGACGCACCGCGGCCAGGACATCGTATAGAT  
CTGCGTGGTGGCACGTCTGTGACCCAATAGCTCCTGCACCCTGCGGATGTCGTG  
GCCATCCTCCAGCAGATGGTGGCGAACGAATGCCAACGTGTGGCAGGTGGCAG  
ATTGGCGATGCCGCACGCCGTCGCCACTTGCACCGCACGCTGCAGGACTTCCT  
CGGACACGTGATGGCGACCGACCCGGCCACTGCGCGGATCGCGCAGTGGCGCGCA  
GACGGAAACAGGTATTGCCACCCGGCTGGCGTACCGGCCAGATCGCGGCATGCA  
CAGTGCATGCCGCAGGAAAACCGTCCGGTACCGGCCAGATCGCGGCATGCA  
CCACCAACGCCCGTGCCTGCCAGGCACGCCTCACGCAGGCTGAGCGGTAGC  
GGCACCCGGCGGTCTGCCCTTGCCATCGCGCACACGATCTGCCCGCGCG  
GCGTCCACGTCTGATGCGCAGCCGAGGCACTCCATCACCGCATTCCGCTGCCA  
TACAACAGGCTGCCATCACCAACACGGACCCCTCAGCACTGCCAGCAGCGTGC  
AACTCCGCGCGCGAGCACGACCGGAATGCCCTGCCGCTGGCGCGACCA  
GGTTTCCATCCACGGCAGCTCGATGCGCAAAACCTCGCGATAGAGAAACACAGC  
GCCGCAACGCCCTGGTCTCGTGCCCAGACACACTGCCATCAGTAGCCAGCCGG  
GTGAGAAACGCCCTGACCTCCGCCCTGCCCCATCTGCGCCGGATGGCGCTGCCGCTG  
GCCAGGATGAAACGCCGGATCCAACCTACGTACGCCCTGCTGGTGCAGCCTGTA  
ATGCCGTACGCGCAAGCGGTGCGCGCCTGATCCAGGTGCCTGACCGAACGGCGT  
CTGTTACGCCGTGTTCTGGGTGTCTCATCCGCCCTGCGCCTTGCTGGATAACGC  
AAAAACATCCGTATGGCGCGTGGCTGCCATCGTGCAGCCGGTATTGCGGCT  
AGGAGCTCCTCTTACAAAATTCTGCAATCGAAGATACTGCCGTAACACCGCC  
TTTGGCAGTCCAATAGTAATTAGGGGCAATGGACAGTCGTGGCGACGGGAGA  
GTGAAACATGAGCGTGTGTTGAATGGATTGTTGCTGCCCTGCTGGTCTCATCTGTC  
AAGCCTAACGGCAAGCCCTCCGACTTGAGGGTACTGCCCTAAACTGATGCAGCAG  
TATGAAAGTCGGTGATTGCCATCGAGACACATCTCGCGGAGATTGACGCATCAACC  
AAGTCGCCAGCAACGACATAGGCCATCGCATTGCTCAACTCCGGACTATCCT  
CCCGATGCCCTTGAGTTGCCACCTAACATTCAAGCCAACCGCTTCGCCGG  
GTCGGCTTAATTCAAGCGTTAGGCCACAGGAGAGAGATTGGCGATCAAGAAGAT  
CCATTCCCCAACCTAACGCCCTGATGCCCTACAAAATTGCAAGACCTTAAG  
GCCTCTGGAAAGACCAATGGTCCCGCCTACTGGCGCTGGGATTACTCCACACA  
TAAGTGGAGTGGTGCTCGGTACTGGAGCAAATGAAATGCGAGGCGTGCATGG  
AAAGAGAGCATACGGTTCAAGTTGGGACCAAGCCCCAGCAAGTCAGTCAACTGTTACCAA  
AATTCCAAGTCTGTCTGGATTGCCGTGGCACTTACATGGGAGAACGAGTAGAGGTA  
AAAGGCCGCAGCGAGACTCAAGCAATTGGCAATTGGCGAGAACCGCTAGATATCG

AGGC GGCTAACCATGCGCTGGCATAAGTTGCTGGCCTAACAAATTCAAGCCG  
ACGCCGCTTCGGCTGGCTTAATT CAGGC GTT AGC CTT ACACCC AATCTT CCGG  
TGATCATGGACA ACT ACCAACATCCTAAGCCC GGAAAGACATACATAAGCTCTGCG  
CTTCCGGCTTCGGGGACAAGACTCGTCAGT GCGAATAGCTCGAAGGGTCTGCC  
TCTACTAACGGTTACGAATACGTCAAAGAGCGCGATGAAGTTGCGTGCAGCAGAA  
GCCCGACGCCGGCACCCACATCAGAGCAAAGTCCCTCGAAGACACCAAGGGTGT  
TCGTTCTCACTATCCAGAAGTTTCTGCCGACACCGGATGCCTACGGCGCCGGCT  
TCTCATTGTTGGAGAGGAGATTGGTCGCTT GCGAGTTCCCTGCCAATATT CAGTC  
CGTAGCCTGGAACAAGCGGATCGGTTAATATCTCGGACGCTGAGTTGCGCAAGA  
TTGCACTACGT CATGGCAGGAAAAGAGCTAGTAACGGATAACGAAGAGCTCATC  
GCAGAGGTGCTGCGTCACTCCGTTACCAAGAACGATATCGTGGACTCGGCTATCGC  
AAAAGACAAATAGACGTCTTGGCAAGCTCTAGAGAACGAAAGTTACTTCAATGA  
CCTAAAGAAGAAAAAAAGTGCAGGATGAAGCGCTGCGAGCAGTTCTCGAGG  
CAAACCCATGGATATT CGGTTACGGTTGAGCTATATCTATT CGTCCGGCCTCGAGG  
ACAGGAAACTTGAACAAAGTGGTCCCGCGTTACCAAGTCGATCAGTCTGGGAAGCGC  
GTCGATGCGCTTTAAAGACGAGGGCGCTAGCTCAACGCTGTGCTCGTAGAGATT  
AAGACCCACAGGACACCTCTACTCACGTCCCTCGAGTACCGGGCCGGCTTGGTCA  
CCATCAGAGCATCTTCTGGCGCAGTAGCGCAGGTACAAGGCACC GTGCGTACGC  
GGGAGAAACCATT TGCAAGCTCAGTCACGGATAACCACGGTTTCCCACAGC  
AGAAGAACGCTTCAACTCTCACCTAGATCGTTGCGTGTGCGCACGCTCGCGCA  
GTTGCCGGGAACATGGCGAACAGAGGCCAGCTAACGCTT GAGCTTACCG  
TCGCAATCTGCAACCAGCCCAGGT CATCACCTTGATGAGCTATGAGCGCGCCCG  
CCACATTGTAGGCGCCAGTGAAAGCTAACAAATT CGTCCAAGCCGACGCCGCTT CGC  
GGCGCGCTTA ACTCAGGCGTTATGCCTCACTACAGAGTTCCGCCGATGAACACT  
TGCATGACAATCACCTCGGCCACTGTGAGCAAGACACTGATTGCGAGAATTGGCTAC  
TCCAACCGACTGATACAGCCAATTCAATT CGTGCCTCATTGCCATT CAGCTGTA  
GAGATCACCTGGACACATCAGAGGCCACGCTCAAAC TTTACTTCAAAGGGTGT  
GATCCATCCAAAATCAACCGACC GGCCATT CGATGGTACGAATCCATT CGTTGAC  
CTCCATCTGATT TCCGGGGCGCTTCAACTCCGATT CGCAACACCAACGGTTGTG  
AA GTGGCCCAGGC GACCTGACTTGAGCGACTTCACCGCCAAGTGGAGTTGCCATG  
TCATCCAGCCGCTGGACCAGGCCGAACGATA C

>CONTIG\_128\_length\_3955\_cov\_8.130355

GCCTTCCGGCTGGTGTGAGTTACCCGATGAATCTGCCGTGCGGGAGTGCCTGAAAA  
GTGATCGCCTGGCGCGCAGTGCCTGCAAGCCGAGCAAGCCGCCATGATGGC  
TTGATGCAACTCCATCGCTCGATTGATCGACAACCAATCCAGTCGTTCTATT AATC  
TTACGGGTCCAGCCTCGGGAGATATGTTGCTCTCCGCACTGGATCTACTGAGTCTGC  
CTGAGAGCGACAAGGAGGATGGAGCATCTCCCTCAATATCTCGATAGCTCGTACGTC  
GCTCGCAGACTTATGTATTGCAAGAGTTCAAGGGTTGTCAAGTGGAGTTGCCATG  
GCAATAGATTCTGATTGTTCCAACCAACCAGGACTCTCGCTATCAAAGAATTCAACGC

GTACTGCCCGAGCACCTTGAAGGAGCGCATAGACTCGGTTGCAATAGTTTG  
CGTTCGATATAACAGAGACAGCGACTCGCCGAATGCCGGTAAATCGCATTGACGC  
AAGATATGAAGGTCTGCTCCCACAAACCCACCCGTAGATGACGAGGGTGTATCG  
CCGAGAACGCCAGCACTCACGGTATATGGTGGAAAGGTAGTAGCTGTTCTGAATGG  
CACTAACTTTGCTCCCGAGTCCCTCGCTACGAAGAGCGGGACTACAGTCGG  
TTGCCATAGATTAGAATGGCCTCTAGGAGAGCTGCACCATCGCTGTGAATCTTAT  
GCTCCTGCTCAACCCGATCGCAGACACAGAACCAAACGCCGTGTGGTAGAACACC  
ACGTTGGTGGATAGCCGCCCTCGAATAGCGTCTGAGTCGAAACCAAGTTATCTTGA  
AACAAACCTCCTGCCCAAAGCAATCCTGATCTCGTGGCTATAATCACTGTCACGT  
CCATGCATCATTGCCAGTAGACGATAAGGTCGTAATTCAGTGAGGCGACGGTATCG  
AAATGTCTAAGAAATTGGTAGATGGACGGCAGATGACCACTGACCTGATCGAACTC  
TGGATGGATTGCACGCACACTCTCTATAAGACAGTCTCGGACTCTCAGGTATGCCGC  
ATGCGTCTCTCATCTGGATCTGCAGTGATGACATTGGATGCCCTGCCAGAC  
GATCCGCAATATCAGTTGAAGTCCTCAGTCCCGAAGAAATCAAATAGCTGCTCTAC  
ATCCGGAGCTATCAGCTCGTACGCGCATGTTCCAGCAAGGATTGGTAGGAGAA  
GCTCGGCTTACTGCAATGCTTGCCTGCATTGCTAGTATGAGTGTCCCTCGGTAGTT  
ATTGGCAATGGCCTGCCATTGCTGAATCGCATAGGGCATGAGTTCCCTCCCTGGTT  
ATTGTATCCCGAACCATAGCGCATGCCCTGCGACAACGACATTGCGACAAAG  
GCGATTAGGAATGCCGCATGCCGTACCGCATACCCATTCTCGTGGCATGTTGGGCTG  
CATGCATTGGACTACATGGGTCTCCAACGCCAGGCAGCATGCCATGCGAACCTCT  
ACATTGTTTCGGACACCGCCTGGACTGGCGATGCTGGTTCCGGGAGTTCCG  
AGGCTCAAGAAGTCTGGTAATCAGTGACTCCAAGCACTCTGTGACTGGCAACCG  
ACCGTCGACCGACGCATAGAGTTAGACAAAGCCCAGCAGCTGAAATCGAGTTGTC  
AGAGCAGCTTCCAAGCGACCCCCCAGCGTGCAGCGCTGGTACAGCAGCGCTTAG  
AACCGGGTGGCCAAGCCCTGCAACAACGCCCTCGCAGTGCTTACCAAGACGTTACC  
GACGCCCTGGAGTTGGCATGCCACGCTCCAGCGGTTGTTGGACCAGAGTTAT  
GTGGTGTACGGGAGCCTAACCTGGACAAGGCACCTGCGCGTAGCGCAATACCG  
TAGGAAAACCTCCATGATGGCTCGTGTCCACGTCGCTACGAGTGGTGCCGCTGCG  
GCGCTGCTGTGCCGTGCTACGTCGAGCTCGCTCTGAATACGGCCAGCATCGTGTCA  
TCAACGCTTCCAGACTGCCCTGGAGTATCGGGTGGCATTTGCTATTGGCTT  
TATTGACGTTGACGGGTGCAAGGTTCCAGCTATTCAACGTCGGTAAAATCCCTGGCTGAAGTG  
CGTGCATGAGTAAGCCAACGCGACTGCTCGCTCTGGAGGAGATGGAACAAACCAA  
TCATGACAACGAAAACAACCTGATCAAGTTCAAAAACGCGGATGTGATGGCCACC  
CCGGTGGGCAGGTTTCACTCAATTGCCAGCGCATGGGTTATCGTGCAGGGT  
CTGGTACTGCTTCATGCCCTACTGCTCAGCACCTGGATACGATTGCATGGCGCTA  
CAACTGCCAGAAGTCGTTACCCGAAGCGCTCATCCCTGGCATGCGAGAGATAG  
GCTCTCGTACTGGCATGAATTGTGGGGCGCGTCTACCCCCGGAGGAGTTCTGC  
ATCAGGCCGATGACTACAAGGCCGGCGCTGTGGTGCAGCGAACGCGCAGGCCACATC  
GTGACGCGTCGAGGCCAACTTCACGTCTATCAGCCCTGCTCGCCAGTAGTCGCGAT

GGTTATTGGCCGGCTGGCGAGTTGGTAGAAAGCGATGCCCAACAGGTAAGTGGCA  
GCAACTCACACCGCGCCTGCCTCTACCTGTGCGGTATTCCCCAAAGCGGCTTGCT  
GCCTCAGGGAGAGCAGGGCGACTACCGTGGGCTTATGGGCCCTACAGCTGCT  
GCCAGCGTCAAGGTCAAGGTCTTCCGGCAGCGTCGATTCAACTAAGGGCACGTCA  
ATGAAATTCTCTCGTCAAATTCCCCACTTCACCGACGTCGACAGGGACATTCGCGC  
CTTGTGCTGACGTGTGCACTTGGCCTGCAAGTGGATTGTCTGGCTCAGAGCG  
GTGGCTTCCAGAACAGTGGAAAGCGTGTACGGCGATGAGGTATGTATTCAATCGGT  
GGCGGCAACGCCGTCTCCATGAGCGGCCGCTGGTATGCCTCGATAGCGTGGG  
CGCTGGCTGGAACAGCAATTGGTCTGTGGGATATGAATATCAGCACGACGATTCA  
GAACCAGCTCAATGGGCTGACGAATGGATTTAGAACATCATGGTAACGTGATTCA  
AGAGCGCGACGAGTGCCGTCGCGTCGCTGCCCGCTTGATCATCCAGCGCGCAGAC  
CCTGGTCTGTACAACCTGTTGACCAATGGCGTGCCTACAGGCCCGCTGGACTTGAC  
CGTTCCAAACTCACCTGTCGCCATGGCGAACGGATGGCCCAGACGGCTGGTGG  
CCAACTCGGCTGGAACCAGATAGCAGAGGGCATGGCTCTCGCCAAGCGGTGACCA  
GTACCGATGCGGTGTCCGCTATCGAGCAGGCCGAAACAAACGCGTGGCAATGACGGT  
GTTCCCTGGGTCGGTGGTAACAAACGCTGGTGGCTGGTCAATCCTCGATCAAGGTG  
GTTGCCGATGTGACCGCGCGGGCTACAACCTGGTCAATGGCCGAGCGTTACCGAT  
ACCTCGTCGATAGATGCAACTAGCTGCAACAGCTTGGCTGCCAGACATGGCTTACCC  
CCGCAAGCAGCAACAGAACGGCAACCGTGTCTGGGGAGCAGGAGCAGCGTAC  
TTGCGAAGACTGTACCAAGACTCAAACCATGCCAGGTGTTGACGCCACTTAT  
CCAGGAAGAACATCGAAGCCAATTGCAAGTCTGCAGGAGCTGATGACGGAACCC  
GCAATACCACGTTGAAAATTGCGCGCGCCGGCAGCACGTCTTGGCAGTCACCC  
GGGTGTTATTGAAGCGCTGCGAGATGAACCGGACCAAGATATCC

>CONTIG\_129\_length\_3889\_cov\_28.873737

CACGATCAGTCACTTGCCGGACCGCCTCGATCTGAACTCATCCGTATATCGCTTGC  
TGCTCATAGACACACCTCCGAATCGACTATTTCCATGGCCTGAGATGTCTAGGAAAC  
CCTGGCGTATCATTTCATTTCAATTGAGGGAGCCAAATTTCAAGCCGGCGCGAAC  
TTGACCGAGCCGTTTCTGCTTGACTCATTCCAAGCGACAGGAGAACGCATGA  
CCGCAACGAATCACTACCGAGATCAAATTCAAGCGGGCCACCGAGCGCTTAGCACAG  
CTGCAAGCGAAAGAGCTTTAGCCAACCAGCGCCGGAAGCAAAGCGCAGGAAA  
CAGCGAGGCGCGAAGAGATGAAACGACGGCAGCGAGTGGCTGACCTAGTCTCCAG  
ACGGGTGCCCATGCACTAGACGAGGCAGAACTGGAAGCGTTGCTGCTCAATCACAT  
GAGAGACCGGGCAGGCTGCTTCAACTAACCTGCCATCAAGTCAGCTTTTGCA  
AGCCACCCAATGCTGCCCATGGTCATCCGAGGCCATTGCTCCGCTGGACGCTTCC  
CGGCTGCATCGGTTCCATGACTTGACAACGGATCTGGCCCTGCTGGTAGTCCAGAA  
GAGCTGACGGCCAAGGACGGTGTGGCGTGAAGTCCCAGCTATCGCAGCCCT  
GATGATCCTGTAGCTGTCTCGTCGAAACCCAACGGCTCGCCTTCAGCTTCCGGC  
CGCCGTAGTGTGACGGTGGCCAGGTAGTGCCAGGCATCCAGCACGTGGAGCT  
GGCGCAAGTTCTCGCACTTCTCCAACGCAATCCGGCCATGAAAGGGCCAGGTTG

AAAGCTCTAGACGAATGAGTGCAGCACGTAGGCGCTCTGCTCGTCGGGGCT  
CACCTCCGAGCAAGGCCGGCGAGCGCTTGAGCATGGCCCAGACACGGCGA  
CCCGAGGGTGGCCGCTCAAGCTCACCAGGGTAGCAGAGCCGGTGGTCATCGC  
GATGCGCCGTAAACTTTGAGCGGCCTGGCGATGAGCGACCCGGACATGCTGATC  
GTGGTGATGGCGGAGAGCGGGGGTCCAGACATTGCTCGTGCACCGCGATGG  
CACGCGGTCCTAACCTGGTGCAGCGAGGACTGGGAAGGTCTCCGCAGCCT  
GGCCTGCACAACGGTAGCAGGGCTGAAAAGGCAGGTGAAGATGCGCAGCGAAG  
CGCTGATCGAGGCAGACAAGGATGCCATGCCGACTGGACGGACTTCACTAG  
CCGCCATCCTACTCGGACACTCTCAGCCGAAGTCCACTCGCTGACAGGAAAGCG  
AGCTCCATCGATGGCTAACCTAACAGGAGCCAGTAAGGAATCGCATGGACGACGAA  
AAGCAGCGGATCGCACAGTGGCGCGAAGAGGGCGTCAGGAACGCTTCGAACAGG  
AACCGGCCGAAGCCGACGCCGAGTCGCAGGCCACTTCTCGCAGCGACGAT  
GATGAGGAAAGCATCGATCCCAGCAGCAGCCGGATGCTGAAGAGCAAGCATT  
GGCGCAGCGAGCATGGCGCTGCTGAACCGTCTCCACGCCGTCCAGCAGCGAGC  
TGCGCCTGCTTGTGGCCTGGACATGGATTGCTCCAGTGTGGAGCGAAC  
GGCGCAAAGCTGCTATGTTGAAGACGCTGCACGGTGTCTCACATCCGCC  
ACCGCTCGGGATTGATGCGTCCCTCGATCTCCGGCGAGATGACGGCAACGAC  
GCCATCCAAGCCTGAAGGGCTACTGGAAGAACATGGGCCGGCTCCATCTATCCTG  
ACTCCCCCATCTATTCCGCCGACCCATCGTGGAGGGAAAACGGGTTGAGCAAGTG  
CTGCGTGTGATCCGGAAAGGACAAGCCATTCCGAAAGCGCCTGGTGGAGCACTA  
CGGGGCCGTCTGCATGGTACCGGGACGTCGACGCAAGCGTATCGATGCCCGC  
ACATCAAGCCTAACACGGATCTCTACCAACGCCCTAACGAAACGGCTGCTGCTC  
GGAAGGACATCCACGCCCTGTTGATGCAGGATTGCTGACATCTCACCAGACCTGC  
TGGTGTCTGCTCCGATTGGTACCGATCCTGCTATCGCACACTCATGGACAGCG  
GTTGACGCTGCGAGCCCCATCTAACAGATTTCACATTGGCTCTGCTGCCAGGATGCG  
AGGCGAGGCCATGAACGAAATAGGCGGCCCTTGCTGGTACAAGGATCACGATG  
GACACCCACGCTGACCCGGAGCAGTCCGATGGAGCAGGGCAGGTCGCCGGT  
CTACCAAGGGCTGCGCCTTACTCCTTGCCACCTCCGAGACGAAGTGGTGTCTC  
GGCTATCGACTCCCTGGATAGAAAAATCGACGAACTAAGAACGAGCCAGGAAGAAG  
TGGAAAGAACCTGGCAGCTGATAGTTACGCGAAACTCCAACAATCCACTGTTGAA  
GCGTCTGCTAGCCACGCAGTCCATGCACGAACGGGACTGCGAGGGTTGATGAC  
GCCATGGCGAAAGAAAGCATGGTCAACGCCAACAGGCCAGATCCAACGCT  
GCTCTTGAATGGCAAGGAGAGCCTCAAAGCCTTCTGAACTATTGATGCGC  
CGATGGAATGTTGGTGCACGATGACCTGCTGTTCTCAACTGCTAGGCAATG  
CTCTCGACACGGGACGGGACGCCGCTATGACTATTATAAGCTGCCGGTCTC  
TCTGGATCAACTGGCTTCCCCAGGCACGGTATTGCCAATCTTACCGTCCACT  
TGACGCACCGGCCACCTGCCTCGATTCCATCACCTCCCGAACTGCTCGA  
GCAAATGTTCATGGCAGTGACGGCTTGGAGGACATAGAGTTGCTGCCGGTGA  
ACTCCTTCCCAGTCGGAGAGCACCGAAAAACACATTGATCAGCTCGAAGCC  
GGCGGCCATGAGATCCAACGAGCGCTATGGAAATAGGCTGACCTCAATCAGGG

GCGACCACGCTTGCCTCACTTTCAGCGTCCACTGGCACCCGGTGGAAAGTCACAT  
TGAGTCGCTTGTAGTAGTCGCTTGGCGCTTTGGAGCCCCGCGAGCACACCAGGA  
CGGCCTGCCATTGGCACCTGGCGATGCCAACTGTTGGCACGCAGGATGGCG  
CGGTATTCACGCACTGATAGACCCCGCTATGAACACTCGTCCTCCGAGCACTGCTG  
GCCTCACCTCCACGCCAGGCCTGCTTGGCGCTCGAACAGCACGTCCAACCGA  
TCCCCGCTGCTCAACACGCCCTCGTTGGCCCGCTCAAAGGCGCGAAGTCGCC  
AGTTCTCGGGGTGTTGACGCATCCAGCGCTTGAGGGCTGGTGGCTCGGCC  
GGTGCCTCCGCCGGCTGAACCTGGCAACGGGAGCACGTCGCCCTGTCGCC  
AGTTCTCGGACGCCGGTCCAAACGCCACTCCAAGCGCCGCCGATCTGGTC  
CCCGACGTCCCCCCCACCCCTGAGTAGTGGCTGGTTAGAGTCGCCGGTAATGATAT  
CGGTGTTGCCAGATGTTGGCATAAGCAGCCGGGTATGCCGCCATGCC  
TGGGTCGGTCCTCGTTGATTCGCGTCGCCAGCGTTGATTCGGTGC  
GTAACGTCGGAACCAGTCGCTTGAGGCATTGCGTAGTCGCCATTGAAGG  
ATTCGACGTAGGCCTCTGGTTGCCGGTTGGATCAG

>CONTIG\_130\_length\_3844\_cov\_130.670971

CTTCTACGTGCAATTGCGGACACGATTCCGCCAGCACAAACAAATCGATTGCGT  
CGTCGTGATTCCGACAGCAGCTCGATCGACGATGACCTGATTCTCTACGTGTTCCG  
CAATTGCGTCAGCCTGCTTCCAGCCGAGGGATCGTGCCTGCCGACACCACCCAGC  
GGCTTGAGGTAAGCATCGGAGATGGCTCTCGATGCCCTGAGTCGAACAGATCGAC  
ATTGGCGGCCATGCGCACGCCCTGCTTCAAGAACGCCAACCGTTAATGGATGAAC  
GCGCTTGACCAAGATAAATTGGGATCGTAAGACGGATGTGGCTATAAAGTC  
GTCAACAGCGCGTTGAACGCTTGGATAGAGGCTGAACCTAGCCACCTGCTGCC  
ACGCGTTATAGCCGAACCACCCGCTAGATTGGCGCGAAAGTGACAGCAAATTC  
GGCAACAGTGGCCTGCGTCTGCTTCCAAGACGTCGAAGATGTCCGGCTGCGT  
CTTCTCGGATCTCGGGATCTCGAGAAAATCTAACGCTGTGGTCAAGCAACAATGC  
GCCTGATTGGCGGAGAGAGTGGATCGGATCACCTAACCTAACGCC  
CGTTGCAGAAAGCCTGCTGGCAGGTTCTTCAATGTTCTCGATCATAGCCTCC  
GCATCGACCGATGCTAGCGTCCGCTGCCATGGCGAGTTGCTGACGCCATTGTCT  
GTCTGCATAAAACTCGGACCTCCAGACATGAGCAACTCAAACAGCCCGTTGAAGCA  
CGTGTGGCGTATTGGCGATTGCGACAACGTGCCACTGACATCGTGGAGCAGCC  
TTGCTCATGGTGGCTCAGTTGGCCGGTAGTGCTCGCCGCCAGGATTACCCCGTG  
AGCACACTGCCAACAAAGTGGCAGGAGGTCTGGCCGCCAGGATTACCCCGTG  
CCTTCAATACCAATACGCCCTCCGGCAAGAACACGGCAGACATGCCCTGGCGCT  
ACGCCTTGGAAAGCACTGTTGACCAACCGAGCCGACACCTCTGCC  
ATTGGACTTTCTACCTCTGCCCAAGCTCCGGAGCGCGGCCACGGTTTCA  
TTGTGGCGAGCCCAAGACCCGGATGCCCTGCGTAACGCC  
AGTGGGACCGGACGCCAAGGAGGTGGCCGACTCGAAGTCAGGGCAATGAAC  
ACCTGTCCCTGAAATCGGAAGCGACGAAAGAAGAACGCCCTGCGTAGAAACCAAGC  
CACTGCCAACGGCGTCCCCGATTCTGGCGAACACTGCTGACCGGG

GACACCTCCGAAGGCAAGGTCGGATTGGGAGCACTGGCCAATACCTAAACGAAC  
CGACCCGTCTTCTCACCTAACCTCTATGCCACTCCGGCTGCTCAATATGGTCAA  
GACCTACGATCTACTGACGACGCAGCAGAGAGGAAACCGGGCTGGTCGGTCAGCA  
TCTCGACAAGCCAGAGGTTCTGACCAGACGGATGATCCGATTGGATTAATGAC  
CGACGTGGGCGATAAGCTTGCAGGGCATGTGAGCTACCCACGATTGCAGCG  
TGTGGCGAGACTCCCAGGACGACGCTGCCTAATGGACGGCCATAGCGGCATAC  
ATCCGACCTTAGCCGAGCCGGTGAGATCCCTTGACGACAATGATGCTCATCAAG  
GCAGACAAGCAACAATGACCGATTCTACGTTCAGCCCCATTCCAAGCACCTTCAGA  
TGCTCCAGAAGATCAAGCGCCCCGAGAGAGCAGGAAAGCTTGAGCGCTTGAAAAAA  
TACATATTCGTGGAATGATGGCTTTGCTTTGCCTTCGGGGTGGTGCAGCTA  
GCAACCTTGCATGGATTAGCAACACAAATGCCAAGAATGTCTTGATAGTGGCACTAC  
CGGCATTAGTGGCTGTCTTCTCGTCTTGGGCTCTCAGATCATTAGGTCTTGT  
GGCGTGGAAAGGAGGGCTATGAACCGATGACAGACCGAATCGACACGGCTATCTCCA  
GAGAAAGCGAGATTATGGACGAACTCGGCACATGCAACCCGAGACTCTCGAGAG  
CGCTAAAACACATAGACCTGAAAACAAACTATTGACTCGCCGGCAGGACTATC  
CACGTTCTCGGTGCGATTGGCGTTGTGGTCAATCTTCGACGCTGGTGGAGAA  
GGTCAACATATGGCTAACCCAGCCAACGCCAAAGTATTGTTACGCTGGAAGCCT  
GGGCATCCTCATCGGCTCGATCGTGGTTTATATTGGCCGAAAGCTTGAGCGCAT  
TGCAGGACTGTCGGACTGGCGCAGATCGCATTGAACAGAGGCCCTGCCAGCCCC  
AAGAGATTGTCTGACAGCATGTCGCGACCGCTCGGCCCTGCCAGTCCCCATTCC  
CAAATGAACATACGAAACATGGAATTGTCTCGCATTCAAATTGTGAAATAGAGC  
GTATAGCGAGCTTGCAGCCGGAAATTGTTGATTGGATGGGACTTCCCCCACA  
CGCAGGAGTTTATGACCACCAACCCTCAACAACTCGAAATGCCGGCAGCTGCT  
CGCAGGGCTGATGAGCCAAACGCTGTGACGAGCCGCTGGTGCAGAAGAATG  
TTTGAATGCCCTGGCCTCTGCTGGCGAACTGATCGTTACAGCCAGAAGAAGCCGC  
CGGGCGGAGGCAACGCCACTCAATCCTGGACCACGCTCCCTCCGATGCCCTCTCCGG  
CAGTGCACCCCGGAAGCTGTCATCGTGGAGAGATTCCGTCGGTGGAGGAATGGC  
GAGCGGGCCGGAAGCCAAAGACGCCAGCTGGATCCAGTGCAGAATAAAAGCG  
CCCGACCCTCACTGAGCCGGCCAAGAGCCGCAAACATTGAGCCCCGCATCGCG  
GGCTTTGGCTTCAGTGGAAAGCGCGGGCTTGGAACATAGACAGGTGCAGGGGG  
CAGGAGGGACCGAGATGGCAGGACCTGGACGCGCTCCATCGGGCTGGTGCACCG  
TCAAGTTGGAGGGGGTGGCGCTGGAGCATGTCGGCTCCAGGGCTCCAGATGCGC  
CGCGCTGGCCACGCCCTTTGCAAAAGGGCTTCCCTCCGGGGTACCCCTGGC  
CCTGCACTGGAAAGCTCTGCAGCTCGGCCCTCGAGGGCGCTCAACCGACGCC  
CCGCTGCTCCAGTCCCCCTCGTCCATGAGGTCCCCGGCTGGGATTGTCGCCAA  
AAAGTCGTGCCACGCCGTTCTGGCCATATGGTGCAGCTCTGCTGCCGACCGC  
CAATAGCCGCCGGCGAACCTCATGGCGCTGCCATTGAAGCGCCGAGTCGCC  
GCAACTCGTTGAGGTGGGACGGAGCTGCCTGGAGCGTCTGGAGCCAGCGGGCG  
TCCCTGATCCACTGCAACAGGCCGCTGGGGTCTGGAGCGTCTGAGCCAGGCC  
ATCCGCTGAACAGCCACTCCCCATTGTCGCTGGCTCCTCCGAGCTCGGAGAC

CGAACGTGGCTCGCGACGGCTGGCCTCCTCAGCCTCCATCAGTCCCAACCCACG  
GGCAATGGTCGCCATGCTCGGGACACCTCGATGCGCCCTGCCCAAGGCCGAGCG  
GCAAGGACAGCCCATCAGAAGGTGGCGAGCCTCGCGCTGGCCTGGCCTGGCTG  
TGACCATGGGCACCGCATGGCGTCCTTCTGCTCGAACACGTCAATGAG

>CONTIG\_131\_length\_3779\_cov\_87.773549

AGAGGTGCCGCCCTGTCACCTGCCACGGACGAGCGTACCGCCGATTCTTGTGC  
CTTCTCAACCACCTGGTCAACGGACAAGCCATCGACTTGTACCGATGAAAGCCTT  
CCGGAAACCAAAGAAGATCACACCATCGATCCCGACAAGGCCATCCGTCTCTCG  
AGGACGCAGACCTGCAAGCCATTGACCCGCAACCTCATCCCTGGCCAAGA  
AACCGCAGTATTGGTGGGCACCGATGCTGGCTGTATACGGTGCCAGGGTCAACG  
AAAGTCTGCCAGCTGAAGTTGAGCGACATCATTGAGGAACGCGGGGTGGTGCATC  
GCTTCCAGAAGACGTTGGACCAAGACTTGGCCGAGACCCAAAGCGACGGCGCG  
CAGCCGGCAAAGCATGAAGGGCAGTGGCTGCATGCGCATCATCCCCATGCCAAGC  
CGCTCTTAGAGGCCGGATTCCCTGGAGTTCTGGAAAGACATGAAAGAAACGGGCAT  
CCTCGGCTGTTCCGCTGTTCTGCTGGCGTAACCGCACAGCGAGACCAAT  
GCGCGTTACGCCAGCAGTTGCTGGACTTCGGCGCTACCTGAAAAGCCTGGC  
TTTCCCAAAGGCATCGGATTCCACGCCCTCCGCCACACGCTGGCAACCGAGCTCGAT  
GTCAACGATGTTCCGGAGAAAGAGATTGCCTGGTCACCGGCCACAGCACCGATCC  
CCGCGACCGGGTCCAGGTGCTGCGCAGGCACTACCTCACAGAACGACAGGTGA  
CGCGCAGCAAGCAGATCAGCGCTTGGAGCTGTATCAGCCCAACGTCGAACCTACCG  
CGCTACCAGCAGGGCAGTCGCCATTGCTGGCTGATCCGAGTAGGTTCTACCC  
TGAGGGGGACTTGCATGCGCCGCCGAAACCGTAGAGTTTCTACCGCGAC  
TAGGAGTAGCTCCGGTCTAATGTCGGTCCCTAGGGCGTTCTTACCGCATGC  
CCGGTCGAGGCTAACGCCGACCGGGCATTGCTGGCTGAGTCCTAGCCAGTGAT  
GGGCTACGCTTCCCTCACCCAGTGAGCGATAGGCCGCGCTCATGACCCACAGC  
CATTGAACAAGCTGTCGACGCCATGTATCACGGAAATATCGCTCGATGAGTTT  
TGGCCCTTCTCCGAAGAGAACTACAGTTGGTAGCTGGAAGACCCGACCATCT  
ATAAGCCGTCCAGAACCTGAAGGACTTCCACGTCTCCTGGTCGGTTGTTCTAG  
ATCATCTACCTGTCGACGCTTCGGCTCCTTGCCATCCGAGAGCGCAGCCCTCA  
TACAGGCCGGTCGAGCCTCATGCAAAGAGCCGGCATTCTCAAACAGATCTGGAA  
CGGTTTTCGACAGCATCACGACACCGCTGATTGCAAAGTCTGATGCAAAGCCAG  
ACGCCAGTTACCGACCTGCAGAACATCACCTGGAGCAAATCTCAAGCTCCTAACGGTC  
GATGGCAAGCTGCCATCGGCTCTCCACCTCACCTATTGAGCAACGCCGCT  
CTCTCTTGACCAGCGATTGACAAAGATCAGTCACGACAGGGATGGATTATA  
CGCTATGCCGATGACATCATGCTGTCCACACAAGACCGATCCGAACCTCGGATGCA  
GGCAACGTCATCGAGGACTGTCTTCCGAGAGATGGCGACGAATTAAAGCTCAAC  
CCTGCAAAGAGCAAAGTGAACCTATCGGGCGTAAGGTCAAGCATTGGGGCTGGT  
CATCCTCCCCAGCGCGATGTTGCTATCGATCGCGATGTTAGGAACCGGATTGAGTC  
CTGGATTCACTTACCTGCGAGATCGGGCGAAATTACTGAAGATATTGAGGAGAC

TCCGAATCAAGGGATGGAAGAGGGCTTGGAACGTCTTAGTGGCCTCGTCAGCTATG  
CTCATGCTGCAGACCCGACCTATCTTGACAAGCTTAGAAGCAAGTTGGCACCAACCG  
TCATTGACAGCCTCCTGCATAGGTCTGCCAAATGAGCCACCTCAAGTGACGCTGG  
CGCTATCCAACACGTCGCTCACCTCCATCTTGACGTGGATCTTCCAAGAGTGGACT  
GATGTGTCGGTCGGCCAAACGGGGCTGGAAAGACGACCTGGTTAGGGCGCTCC  
GAAACCTTCCAACTCAGATACTGTTGTGCGAACAGCGACGCCTACCGTTCTCAG  
AGAAAAGCAGGATCGTCTACGACCTAGACGGCGAACAAAGTGACGTTCTCCTACAAC  
AGCGCTGTTCGCTCTCGACTGTCGAGAAAAATCTCAAAGAAATGCGCGAACCT  
GTCGATGCTGAACCTCCGATGCCATACGGGGCCGGTCAACTACTCAGAAGCGCC  
AGCGAACGAGACCAGGACATTGGACTGCCATTGCCCTGGAACCTATGATCGCCC  
AGAAGAGCTCATCTCCTTTGAACGCAGTTATGAGACTGACCGTTACTCAGCAAT  
GGTCGAGGTTCGACTCAAGGGGAAGAGCTACTACGCGCTTGTAGGGAAAGACGGGA  
CATACATTAGAGAAGATTATCTAAGCTCGGGGAGCATTCCCTCATCAATCTCTTC  
GGACCATCAAGGGCCCCTCAAAGCTACTGGTGATTGACGAGATTGACCTCTCCTGG  
ATGCAGCAGCCCCAAGCTAATCTGCCAGGCTGGCTGCGTGGTTCTGCGCACTATACG  
AATGCAAAATTCTCTTACCCACACACTCTCGCGCTGATGCAGCAACTGGAGATTG  
ACGAGCTTTTATATGGAGGACGAAGCTGGCAGCGTCCATCAAACCCATCTCCT  
TCAGCCACGCGACGCTAAGGCTATTGGCTTATTGGCTATGACCGATATCGCAA  
CCGAAGATAAGAAGCTTGTGCCTTAGTCATCATCTAGTCAAAAAAACTGCCCA  
CCACCTACTAAGCTATAAAGTATTACATCGGAGGGCGTCTCAGGTTGCAAGCC  
TTATCGAGAGCAATGAGTGCATGGATTCTGGCCGCTCTGAGAAGGTGATCGCGA  
TCCTCGACGGCGATCAGCTCAAGGAAAAGCACGCCAGAACGACGTATACATATG  
ATTCCGCTTAAAGCGTTGAGAAAGCGCTCTGGCGCACGGCAAGAAGATCCCGA  
CTTCCCATTGTCACCCAACGAGACAACCTTACAAGTAAAAAGATTGAGAAACT  
TCTGAAAGATAAAAAAAATTGCCACGCAAGAGCAGATTGATTACCTAATCGCAA  
GGCACGAGGCAGGCTCCAACCTATTGCCAGGTCTGAATGACTGCTCCGCCGC  
CGCATTGTTGAATTAGCTATATCCAAAAAGGCAGCAGGCTCACCCGAGATTAGGCC  
CCACGTTACGCAAATTATCTCGTCAAACCTCGCGCATGTGGCGCAGCAGTTCCCT  
TGCACTGCTTCAGGCAGTTGCGACATTACCAAGATGGCCTCCGCCATTGGCTCACTG  
ACGGCATGGAAGTAGGCAGGGCAGCTCCAACGCCCTCGCCAGCTTGCCATGCT  
TTCGTTATCAGGCATGCGGTCTCCTCGCTCGTAGCGCGAAATCCTGGAGCTGCCGA  
GTTCTGTTCCCTCCAGCCCCAAGAACAGCCCCAAGGCGGCCGGTTCATGCCCGCGC  
AAGCCTGGCCTCACGAAGGCGACGGCAAAGGTGT

>CONTIG\_132\_length\_3778\_cov\_9.018351

ATCTCACGAGGGACACTCATCCCTCTGGGGAGTGTTCCTGTAGTCTTTCAAGGAG  
CGCATCATGTCAAAAAATCCAATTGTCGCTGTTATCGTCGAGGACGATCAGGTCAAG  
GACATCATCATTGAAGGCTGGCCAGAGAATGTCGCTATCCCGCTTTACCATCGCT  
AACGTTGACACAAGCCACGTGCCTAACGGACGACCTGTTCCAGCTGCGAGTAGGTGA  
TTCAGTGTGCGAACGCCAGCGGATATGAGCTTGACCCCCAAGCTATACCAACCCGGCCT

CAATATCGTATCTCCGGCAGCAGTCATCGAAGCCTACACGACTTGGGTATCGAACGC  
AGTTGTTGCGCAGGCTCGCATCGCTCGAAAGTACCGATTGAACCAACGACTTG  
GAGTGCTGCGCGCATTGCAGTAAAGGCCTCAGCTATTCAACTGTGCATCACGCTGGA  
CGAGCCTGATCTAACGGCAGCTGTGAATCAGTTGACACAGCAATCTCGTAGTCATT  
TAAACCCGGATGTGCATCCGTACTCCAATCAACTATCGCCTGAATCGAACAGATT  
CAGGCGTCACGGGGATGCTATTGTCCCGAGGACATGGCTCCGTTTCCACCGG  
AGAAGTCTCATGTCCCAGTTATCCAATCCTTCATTGTGGCTATCAGAACATTGAGTA  
TCGGCCGCACGCTAGCCATTTCGACAGATGATGACCAAGCGCTGATCTATCGCACTC  
TGCATGAGTCTCAGATCCGACTGCATGATCAATCTGTGTATGCCATCGGTGCATCT  
TCAACGACGACCACGCATTAGTGTGATGGTCAGGATATCCCCAACGAGATCGCC  
TCAGGTCATTGAGCAGTGGCATCGTCCCGCGGTGATCTATGCCGTATGTGCGAG  
GAGGGCGGCCAGCCGATCCATATCGGTGACACGTATTGTGGCCGACGCTTGTGC  
CGTCATCCAGCGCCTTAAGTTGAAACGGGCATTACAGCCGGCATGGAAATCA  
GTAAAAGCCATCTTACTGAGGAAGCAAATCAGTACCTCGAAGAATTAGCCGATTG  
CCGACTCCGCTAGGTCTGTTATTGAGGTTTCTGAATCCCCGATGGTCACTGCATCG  
GTGTGAAATTGGTATCCACGCCGTGGACAGACCGAACCTGGAGCTCATCGATGGC  
CGCAGCTCTGTAGAGCTTCTCAGGAGCAGCAGTCAGCAGGTGTACCGGAACGTG  
CTGGAAAGTCTGCACCTGGCTAGCCCGCGGATACCGGTTCTGGTCTTGATCCC  
GACGCACCACTGCTGCCGGATTACCGTCATTGTGGATTGAGATATCTGAGGGC  
CTCCTCGGGGGCTTTCTCATTTCACGTATCAATCGGCTTCAACAGT  
CCCTTGTGCGCACGTTACACAGTCACGCCAGGTAGCCTAGACCTCAAGGCTACGGTGTGCC  
CACACTGGTTACATATGTCTCGCGTGCACACTGCCCTTCTAACCTGCAAGGGG  
TCTCCCTCCCTGCGGGGGAGCCCTTGAATTCTCAAGGAATCTCCATGGAC  
AAACAAGCCATTGCGCCAGATGCCAGACTTGGTTCGCGATCATGTGCCCTCTAAC  
GCACGCGTTATCAACTAACATCTCGATGGTGAGCCCAAGGTCTCCACACTGGG  
TTCCACATCGATCCGAGGCCCTTGAGGGAAAAGTAATTGCGACTACCGACGAAGCT  
ATCGTCGTCAAGACCGGGCGCTCGCGTTCGCTGTGCTTGACCGAACGCTGTCACC  
GAGGTGCCTGAAAAAGGGGCCAAGGTGCAGATTGCTCCCTATGCCAGGGCGTGC  
TGATGGGCTGCGAGCGGACACACCGAACAGAGCGTAGCGAGCGAACACTGCCAAGGG  
CATTGCTACGGTGCAGACTTCGTACTGGGTGACGCCAGCCAAGCTGCCGGTG  
CCTGAACCTCGTTGCTTGAAGTAAACTTATCAATCAACTTGAGCAGTTACCC  
GCACCTGACGGCTCCGGCGCATCACTCACCTGCTGGTGATGCAGGCCAGAGAC  
TTAAATGGGTCGATCCGTTGCCGGCTGACATCATCAAGACACCTCCAGCCATGGC  
TTCACGGTTGCCCTCGCAAATTCTCGGGCAAGTCATCGTGTGTTGACCGGGGG  
GCTGACCAAGTACGTGGTTGAAGTGCAGCGCAGGGTAAATCCACCGCGTTGA  
GGAAGTTTCTCGACGATCTGGAAAGCGTATTGGAAAAATTGATCGACGATGGCAG  
TTGGCGTCGTATCCACGTGCAGTGCCTACACGGACACAAATCTGTTACCAAGT  
CGTTTAACCTCCAGCTTACGGCATGGAGAACATTCCATTCACAGGAGATCATT  
CATATGTCTCTTAGATTCAATGGCGACGAGCTCGTCTAGTTGCCGAAGCGGTA

GCTAACAAAGTGCCCGTCATTCTGGTGAAAGACCACGGTGTACTGGTTGGCTGAG  
CATGGTGAAAGACGGCCCGATGGTCGTAAAAATTGATTGCTTACGCGATTGGCTGC  
AACCTGATATTGATCCCTCGACAGCTGGTGGAACCTGGCTCACACCGAGCTCGGG  
GGCGACGACTTCGCAGAACACTCGACCCGAACGGTATGTATTGAACGCATTG  
ACCAGTAACGACGATATGGAGCTTCGGCAACATCAACCCATCTTCAGGGCTCAGAAC  
GTGCCACGTCTCATAGGCCTCGATCACCTATCTCCAGCCCCGATGCCAGGG  
GCTTTCGTATCAAAAACCGGTCGCTCGCGATACCGATTGGCGATGGCGTTAG  
CAAAGCAAGCACGACCCCGTCATGCCGCTGACGTTGCTGTGACCGAGCCAGTCGC  
CAACCTCGGTCTCAAGGGTGCAGCGCAGCGTTGCTGTGACCGAGCCAGTCGC  
TTCGCATCCGTTCGCAACAGCTATCGGTTGCCGGTAGTGGATGCATGCCCTATC  
AACCCATCGCGGGTTACGCACCTCTTCCCAGCTTGGGGCTGGTGTCTCCGC  
TTTCCTATGGAGATTACCATGAACACCACATCCAACGAAAAGTCCTACTTCGACC  
TCCACACTCCGGCATCGCTACTTGCAAGCGTCCCGAGGTTCCGTCAGGGCG  
GGCGTCGAGCTCAACCATTCTAGCATGCACAGTTGCCCGATGTTGGATCTGCCA  
AAGATCCGAGCTATCGGTACTTCGATGTAAGGTCTCAGGTAGCGAAGCCAAGAAG  
CTGGTCCAGCGCTATATCGGATTGAAGATCAACGTCAGCGTCCGCTGATTGGTT  
CGGATCGGTGACCTTGGGGCGATGCTTATATCCGTCCTAAAGGCCAGCGTAAAGG  
AGAAGCAGCAGCCAACCTCAAGGGCCGTTGCTCAAAGCGAACCTGTCGATCG  
CCGAACCTGGCGCTGATCGAAAAGCACGAACACTGATCACGCGGGATTGGATATCTC  
AATCGCCGAAGGAGGTCACTCCAGGGATCGCACCGTTCTGCTTGTCCATT  
GCTGCACTAGCTGGCCCCGTCGATGAACCGAGTACCGTTACATCGATTCTATTGTC  
ACAACTCAGGACGCCAGCATCTGGTGC

>CONTIG\_133\_length\_3737\_cov\_270.134626

AGTTGCCAAAGCGCTTGGTAGGCCGCCATTGCAGCCATGCTGGCAACGTAA  
AGGATGGCGTTGACCACTGCAGGTTGGTCATGCTGACATTGCCGCGCTGCGCCGGC  
AGGCAGTGGTCGATTAGAGAAAATTGTGCTGGCGTATCCATGCCGATAGTTA  
ATCGCTGGGCCATTAGTGTAAACAGGCCCTAATCAATTGACTGGATCGATTGAA  
TGAAAACCGCTTGGTAGTGCCTTGCCGCTGCCAAGGAAAAGCTGGCAGAAGAA  
ATTCGTAAGTTAGAAGAGCAGGAGGCTAGCTGCCAGCAACAGTCGTCGAAGC  
ATACTCGGAGATCGTCAAATTGCTGATCAATACAGCGAGCATTGCAAGCA  
AAAATCTGAAATTGCGCTCTGATCGGTGCCGGTGGCTAAGTCGAAGAAGGCTG  
CTTCCACAAGAAAGGAAGTAGCGCCAAGTATTGGCTGCCACACAACCAAGAGACA  
TGGTCAGGGCGTGGTCGCTGCCCTAAGGCCCTTACCAATTGGCAGGGCAGCGCT  
TACAAAGAGTGGAAAGCCAAGCATCCGACGAAAAGTTCTAAGTATCCAGGATG  
AACTGAAAAGGCCTCGCATGGCGAGGCCTTGTACAAGTGTGAAGATTGGAAAT  
CACAAGACAGAGTCGATTATTCATATGGCTAACGACTGGTCGAGCTAAAATAAA  
TTCTGTGAATGGGCACGAGAAAAATACCAAGATCCAACGATCACAGAGTGGAGT  
TGAATCACCTGCAGGGCATTGTCAATGCGTGTGATGCGGCTGACCAAAAAAGAAC  
TTGAAAAAAATTCTGGCGGGTAGTTAACCGTGAGCAGCGGAAGAATAAGGGGGT

AACGGGCATCATGGAACCAACCTACGCTAATTACCAATAGGTTCTAGAAACTGGC  
ACATTGCAGCATCGAACATGATAAAAATCTAGCGCCGCAGATCGTGCCTACACCGG  
CAGAAAGCTCTCGAAATGAGCTAAAGCCGGTTTAAGCCGCTATCTAATGAAGA  
ATATTGCGCGATAGGTTCTAATATCTCAGCTTCTCTCAAGATCAGACTGAGG  
CCATCGCGTCTCTCAGGCACTGTAGAAGGGGGGGGGCGGGTCTGAGCGATGCTG  
CGCAGCTGAAACGCACGCCCTACCAAGAATGCTGGTAGGGCGTGCTCAAACCTA  
CTCTGCATTGGCTGCATTGGCTTGAGGATGGTCATAACTGGGAGAGCCGCATTAAT  
GAAC TACGAGGCCGTACCGCATTCTGCAGGTTAACTAAACTCCAAGTTAGTCAGT  
TGTAGTTCCCTTGTAGAGATCAACTTTGGCGGAGTGCCTCAATCCGTTCTGCG  
TTGGCTACAGAGCTCGTCAAGCGTGTCTCGTAAATCTCAAATGCGTCCAGCAGTGC  
TTCCATGTCTACATCTTGGCCGTGAGAACCTAAGTTCCAATCATTGGAGTGCAGG  
AAAGT GAGCGTGATGTTGGCATTCACTGCTCATATGCCGCGATTCTGCGTTGAG  
TTGAAGCCGATATGTCTTGGCGCTGCTATTAGCTTGTGGAATTGAAGGAA  
ATCAAGTAAATACTCAGCGCTGGCACGCAGTCTATTGAGCAGCGCTGGGTCAAC  
CCAGAAGTTCCCGATGCAAGCTGGATACTCTCGAGACATCTTCGGAGCTCGCT  
AGGTACTGTAATGATGTTAGGTGCTGGAAAAATGAGCGGGTCTCAGGAGAGCTT  
CATAGGCCATTGAGAATCTTCTCATCATAATATTGAGAAAGAGTAGTGTCTCCAG  
AAACGACCACGACCTCTCCGCAGCTGTTGGTGTACAGGTTAGAGAAAGTCTAAAG  
CGCTGGACATCCCAGTCAGGTTCCCAGTCAGTATGAGCACTGCCATTTGAATAA  
GTAGGCTCGTCAACTGAATTGATTCTTGTGAGATGCAACCTCCATTCTGCACG  
TGGGCAAGGAATTAGGGAAATTGGTGCAGCTGTAAGTGCTGGCCCACAATGCT  
CGTCAAAAGTCATCCGCTTCCTTGTGAGTTGCTGCATATTGGTTTTATG  
CTTAAGGATCTATTAGGTTTTATATTGAGTTAACTGGTTAAAGGGTCTGGC  
GAGAGTGAATGATGCTGAATTGTATATGGTATTAATATTATTGATGTAAGGGA  
TTAATTCCGCCATGGCGGCATTAATAGGATTGAAAACATGTATTGAGCAGCTGGA  
CCTTAGGCCTGAAAAGCTCGTAGGGCTCACCTTGTACAGGATAATTGCA  
CGCAGCCAACTTAAAGAGTTATTGGTGAACACGGCATTGACGACTACGTTAG  
AAGCCATGTGCTTGTAAAGCTTGTAAACACCAAAACATCGTAGGCCACCAACAACT  
GGTGCAGCAGCAACTACCACGAGGCCGGCGTATGCCACCGCCAACATTGCTCC  
CAGGGTTGCCAATCCGATGTCAGTGCAGCTGCACCAGAGGTCCCTGCAGCAGCG  
CTGCAGATACTCCTGCAAATGCTGACACGGCTCTGCTGCGTCCGTGCCTGTGG  
AAAGAACTGCTGCCGCTTCAGACTGCTCGATTCTTGCATACGATCTCCTGATT  
GTTACGCGCATCGTAACTACAATCGATAGTCGCGAACCTCCGTGTGATGTCTAGAC  
GGTGGCATGCAAGTCAGGCTTACGCCAATGCGGGAGACCTCTATAACAGAG  
TTGGTCGCGCGATAAGATTACTGAGCTTGAGCGAAGTAATCGTGANAGTTGATGTGT  
ATGGGAGCGGTTGAGTACGGTCTGCTTACTGATTCTGAGTTGAGTCGAATTGTTAAC  
TTCCAATCCTGCATAAATACCTGTATTCAAGCGTTGAAATCGCCGTTCTACCGATC  
CACTTCCGCACCAACACACATCTGGCACAACCTGCTGCACGACAAACCCGAAGCTGG  
CATAAAGCGCCTGCGTGTGGCTGGTGTCCAACACGACTCGCTGGATGTTGGCG  
TCAGGCGCACGGCTCGAGCCAGCCAAGAGCAACTCCGTTCCCAGGCCTGGCGA

TGCAAGGTGGATGGACCATGCCCGAGCAGAGGCTGCTGCGCCATCCGTGCTG  
ATGGAGTAGCCCCGCAGGCCACCACTCACCCGACGCTCGATGACCTGGTAGTG  
CCAAGTGGCAGGGTGTGCGTTAGAAATCGCACGAACTCGGGTCCTCAGCGCT  
GAAAAACGCCGGCACGTTGCCATCGAAGACAGCCATGCATCGTCGAAATCGTGAG  
GGCGGTATGGCGAATCGTATCCATGCCGGCAGTTGCCCTCAGACAAGCAAGCGC  
ACGGCAAGAGCCAATGCGGAAGGGCAAGTCTGGCAAACGCACGAGGCCTGAT  
CCACCAATCTAATGGCCAATAACACTGCTGCCGTCTCCACTCAGGTAGGCATTC  
GCCAGCTGGATGGGTCTAACGTTCTCATCTCCATCAGCGCTGGCCTCTCAAAG  
GGACCTAGCTCGCTGCCAACCGCAAGGACAGGCCTCTCGACGCTGACGC  
TTTGTGCGGCCCTCGCTGTGCGCCGCTTGCGCGGTGCTCGCTCGGG

>CONTIG\_134\_length\_3705\_cov\_12.579933

TTGCAGCTGCCACCGATGGTAGTCGTAACGCAACACCAAGGCTTGCCATTGCT  
GGTTGCACCTCCGCACCAAGTCACCGAACGGTTGTAGCAGTATTGGGTGATCGC  
ACCGCCATCTGCATCTGGATAAGGCCAACGTCTCACCGCTCGCGCA  
AACGGGCTGTATTGCGTCGTAGGTGTAAGTGACGTTGAGGCTGCTGGTTGGATAGCT  
GATCTGGTGATGCGATTAAGCGCATCGTAACTGTATGCACTGGTGTGCTCGC  
ATCGGTCTGAGTAGCCGGTTGCCGTGCGCTGTCGTAGGTGAGGCAGTCACCCAGT  
GTCTGGACTGGTGAGCTCACCAAATGCCGAAGCCGTTGTATTGTATTGGTGTC  
CAAGCCCTGGGGTCAGTAACCTAGTCAGGTTGCAAGGCATCGTGTCAAACCTT  
GGTTCCGCCTGATACCAGCGATGTCTGCAATGTGCGAGACAGGCAGGGGG  
ATCAAAGTTGTTCTGAGTAGCAACACCCAGCGCATCAATAACCGATTGGCGTTACC  
GCCTGCGTCATACCCCAAATCCGTCGGATGCCGCCGCGTCGCTGCGTTTCAG  
CTGACTCAACTCGTTGAGATCCCGAAAGTGTCCGCGCTGAGCGCACCTGAAGCGTC  
CTTCGTGTCTCCCTGATCCGCTTCCGACATTGTCACAGTGTAATGGACTGTATTG  
CCCAGCGCTGTCCGTATGTCAGTCAGTCAGTGCGCATCGTAAGTGAATGAAGTG  
AACCCACCATCTGGCTGAGTGACTTGCTTAGCCAAGCCAGTGGCCAATAGTCGATG  
CGAGTAATACGATCGTCAGCTCGCTCGACACATCAGTGCCGCGTATCTGACGGCA  
CTGAGCCATCCACGCCGGTTGAGGTGTAATCGGTGATGACGCCGTTGGCATCCTTA  
GTCGACAACCGTGACCGACCATCATAAGCAAGATATTAGCTGCGCACGCCAAG  
GCTATCGGTGATCTCACAGATGCCCTGCGTAGGAGCAGACAGCAGGCACAA  
GTCCACAGCCGGATCGCTGATGTAGTAGCTGTAATTGTCGCTGTGCGATAT  
CTTGCGCGGGCCAATACTGGACAGCAGCAAGCCAGCAAAGGACATGCGCTCCC  
GCGACATCCGATCTCGCAGTAGCGTTGTCGATCCGAGCTGCACCGCTAGCG  
GGATCGATTGCGCCGTGGTCAGGGCTGGCCTCTGGCGTTAGGACCACTCCTGT  
CTCTGGACCAATTGCCCTGTCGGTCAGCGTATAAGCAAGCGGCAGACAGAGTTG  
GGATCAACCTCGTAATTGAGGATCGCAACACAGCCCCGCTATCAGCTGAGCCCTCT  
GACTTCCTGACCAAGATGCCATTGAATCATAATCGTAGTCGTATAAAATAACTACCC  
GCGCGCAGACTTGTCCAAGTCCCCGCGTTGTCGTAGGAATAGGTCTAGCTGC  
TGAACGCATTGTGCAATCGGCCGCAAGAGTGGTACTTCTGTCCATTGATA

GAAGTGAAACCTCGTCTCGGAACCGCCTGATGCTGTGGACGTGACTACCGCCA  
CCATCACCATAGCAACAGAAAAGCGTTACGCCACCGCATGCTGGGTGCAAC  
GGCTCTCCCTTCTGATCGTAGAAGTAGGTCGCAAATCTATCCCCATTCTCGTCGAAT  
ATTCCAGTCAGAGCGCCCGAAGATCTGCCATCTGTGAGTCTCGGGCGTTGTAT  
TCATACCTCCGGAACCGGCCAACCGTGACCGAACCCAAGAAAAGAAGAGGCCGTC  
GTAAGCATAGGCAGCACCGTCCCAGCAGAATCCGAGATGCCAGCGATCATCCCAC  
TGATGTACTGAAACGACAGCCACCTCCCTCGTCATTCTGACTTGAGAAAATTCT  
TTTCCAAGCTGCTCGGCCCCCTGGGAAGGCATAGCCAATTCTTATGCGCTGCCACC  
TCTTGCAAAATATCGGTCAAACGTCAAATGCATCATACTTCTAACCTCGACCTTC  
TTAGCCGAGTTGTATTCCAACCAATCGTTGCTCCTGCAGAGTCAACGACTGCCGTC  
AGTGAGCTGATATTCCAGCGTTGGCACCCACTGGTACCTGACAGCGAAAATACT  
TCAACTCCGCCAGTTGGTCGGTAAATCTGACTTTGACACCCCCATTGACAGTCTTCA  
ACACCAACTGCGGCTATACGTATGTGTCAAAAAGCGCCCAAGTCGCTGTTGCCG  
AACCTGCCGATCACTGTTGTAATAACGCACAAATTAGGCAGGCCAGCATCGTTCC  
AACTGTCTTACCTGGTATTATTCCCGGTGCCGACATTAATGGGATTGCCGCAACT  
GAGGCTAGGCAGACTGACAGGAAGCGGGCCCTGGCTAAAGCTGGCTATAATCAA  
CATCGTCCTCTGCAAATAAGCGAGGTAATAGCATCCATCGGGGTTGACCACTGG  
AGCAGTAGCCTGCAACCTATGCCCTCCATGTATTCTAAAATAGGCTCCATCTG  
GGCATTGTTGCTGGTAGTCCACCGCTTCCTAGCAAGCGCCGCCATTGC  
GCGAGTGCATTTGTTGGCGTCCATAGCAAGCATCGCTGGATAAGGCGGAAAAG  
TTCTGCTCTGAAAAAGATATCCAAAAACAATCATCTCCGTAATTTCACCGAA  
CGCACAGCGATGCAATTGTCGCCAGGTGCAGCTGGCACATCGACCAAGATGGT  
TGGATGCTGGAGGATAATTCTGAGGATCACTATAGTATTAGCCAACCATGGCG  
ACTGCACTGCCCGTCAAACGAACAATCATCGGCTCGCTAGCACAATGCGCATCT  
GGACCATCTGCTTGCCTACCTGATTGAAAGCAAAAAACCAAGGCATATAATAG  
CAAAGTTAAACTATACGCTTACGTCAAACACGCAACCGCTGCGAAGTAGATTCCAT  
TCCGCCCTCAAATATTATTCGCTACAACCCATTGACGTGAGCTGCCGGTTTC  
ATAGATCGTACAGCTTAGCACTTGCCTTACCGTCAGGAAGCGCTGTCAATTGCCG  
CTAGGCACGCCGGCATTGCAGGAATGGAGGCAAGGTAGGGCCCTATCTGGGTGT  
GCCAGCTGTAGGCCGGTGTGCTGACGCCACCGATGACCAAGTGGCGAGGATGCGGATAT  
CGAGAAGTGCACGCTTGCCTGCAAGCGATCGGTGATTGCTGATCTGATTGCTTG  
GCTCCGGATTACCGAAGGGTGATTGAAAGGATGACGCCGAGCGTTCAA  
TCCAGGGCGCGCTTGGCGACCACCGAGGGTGCACCTCGCAGCGTCGATGGTGC  
GAAGAAGAGATGCTCGGTTGCCAGGATGTGATGCTGATGTCCAGGAAGACGACCC  
CGAAGACTCGTACTCAGATGTGCGCAGCGGGCAATCAGGTAAATGCCGGCTGCT  
CGGGGCTGTGGATGCCGCTTGGCGTTGAAGGCAGGATGGTCCAGGATGGTGGCTGCT  
CGAGCAA

>CONTIG\_135\_length\_3693\_cov\_6.428772

GACCAGACGCGACAGCAGCAGATGGAGCAGACCCAGCATCAGACGACGCAGCAGG  
AGCAAGGACCGCGCATGACCATTAGCGGGAAAGCTGAATGGGACGACATGCAAGA  
ATTCGATTGAAGTTGTCGGTGGCGAAGACTCAACGAACAGGGGGCGGCATGAGC  
ATAGTTGCGTATCGCGGGGAAGCAGATCACTGACGAGATAGAGCTTCAGGCTTA  
TCTCGCCTCTTGTGAGGGCTAGAAAACGTCGTTATTACTCGGAGCTGGGGCCTC  
ATGCTCTGCCGGCGTCAGACGATGAGGACGCTGTGGAACAGCTTTGCTCGCAA  
TAAGGTAGAGGCTGATTGGCTCTGTCTCAGAACGTTCATCAATGACGACGAAAGGA  
GGTGCTGCCCTGCCACCTCCGCCCTGCCAGCTGGAGTTGCTCCAGATCCACCCG  
CACTGTCCAACCCGGTCCCAGTCACAAGCCTGCCAAACTTCGAAGTCCTCTGGATA  
AGCTTGAGATTGCAATCCTGAGTGGAGGCGACAGTCAGTCAGTCCTGAACCTACCCAGG  
CTGAAAAGGTGAGAGCAGCGCTTTAGAGCTGCGTAAGCGCTGCGAAGCTCAAG  
GAGGATTGGTGGAAAGTCTCCCTAGGTGCTGACTTGGCCAATGAGCTGGAGCCAT  
CGCACGATTCTCAAAAGCTCACCGCCACGCCAGCCTGGCCAGCCGGCCCCATG  
GGTCTCACGACCAACTATGACTTGGCATTGAGTGGCGGAGTCGGTAGACCT  
TCAGGTCATAAACGGCTCCTGGCGTGCATAGCCGTGGTTTCACCTCAAAGCTT  
GATCTCGGATTCCGCAATGCCAAGCTAAAGGGAGGCTCGTTCGCGTCTACAAC  
ATCTACTTAGCCAAGCTCACGGATCACTGACCTGGAAGGAAGTGGACCACAGCCT  
GTATGAGGTTCTCGCTGAAGCATGGCACGACATCTACAATTAGAAAGATT  
CGATGACACGCTGAGTTACTGGCCTGCCGTGCCGAAATACCTCAGACCGT  
GGGTTATGTTATGGCGAGCTGCTCCGGTTCGCGGAGTTCATGGCCGACCGCA  
GACAGCTCTCATATCAGTGGCATGGCTCGCGACGAGCACATCAATCGGCTCAT  
TCGCTCCGCTTGCTCAACCTACGCTCCAAGTGGCGTCTATGCCAGAGTCAA  
GGGTGACCCAGCTGATTCAAGGCCCTCCGAAACGGTACGGAGATTGCTCGCCCTAC  
AGACCCCCCGCTGACTATCGTGGGGGGCGTAGCAGGCCCTCACCAACGCTTGG  
CGGCCGACCTCCTGACCCCACATATATGACCAAGGAACGGGACTTGCCTGAGGC  
GTTGATGCCGAGAAGCCGACCTAGAGGAGGATGACGAGCTATGAGGAGCCGGC  
AGGCCATCGGCTACGTTGCAAATTGACGGCGTGGACATCACGCTAAATCTCATGG  
ATGTCCATCGCGGCCAGTTGGCAGGCCATGCGCACGGGTCTCAGTTGTCAGTGAGG  
TCGGAAGCCTCCTGGGATCGAGTCAGGAGGCCGGTGTGGTAATGAAGGTTCACT  
CCTTGTCTTGCTGAGCCAAAGAGGTTCACCGGTTGGCTCTCGGGAACATCGG  
TTGCTCCGAGCCATTGCGTCATCTCACCGGTTGGTGGTGGCTCGCGCTGCGCTG  
ACACGGGAAAGCTGGTTTCGCTGACTCGCTTCCGATTCTGCACAAATTCTTGGCCTC  
AGGCCTATCCGCTCACTGACGAAGAGCTGTCTCGATTCTGCAGTCAGGCGCTG  
ACCGGCAGGCATTCACTGGGGATGACCTGCGGGTGGCGCCGTGATGGTGG  
ATCTAGAGAGTTGGTTCCAGGCATGTCGCGGTGCTGGCAGTTCAAGGACAAGGCA  
AGAGCTGCTTACGGCTCGGGTGTCCAGCAGGCGCAAGATGCCAAGGCGCGG  
GTGGTCATCTCGATATCAACGGCGAATACGAAGAGCGCTTCCCCGCTGCCAGCTAT  
CCTCCGGGAGCCATCAAAGTCACACGCATCGCGGGTCAGATCAAATAGCTACCG  
TATCCCTTATTACCGCTGGGTGCTGGGCTGCAACGCCCTGCTGTTAGATCACCTCAACCAAGTGAAATGG  
AAGACTCAACGGCCCGCCCTGACCTTGCTTAGATCACCTCAACCAAGTGAAATGG

TTCCCCGGGGACGGTGGCGTGGGCCTAGCGACGGACACGCAAGCATCGTGTTCGA  
CGACTGTCGGAGTGACCGCGTATCCGAGGCGCAGACCATCATCGAAGGCCCTCGT  
CAGGGATGCCACCGCCGGCGCTCTTGGCCTCCCCTGCAGGCCCTCGGTCCCTGA  
TTGCTGACAGCCACGCCATTGCTCCTGCGCAAACGGCTCGAACGCAGGCCCTGGA  
ACTACGGAAACATTGCCCGCTCATTACTCGCATGCCAGATTGCGTGGATGACGAGA  
TGTCAAGGATGTGGTAGCGTAGCTGGTGGCCGGCTCGGTGGTCCACTAGCT  
GGAAAAACGAATCAAAAGCGGTGGTAGAGCGGCTGTTGGTGGGATGAGGTGGAC  
TGGCGGGTGCACATCGTCGACCTGCGCCGTGTACGCATGACTGACGCCATTGTC  
TTAGGAGCTGTCTGGAGCTATATGCCTCGAGCTTCAGGCAGGGTCAAGGAGAAC  
AAGCGGGAAACGCTGTTGGTGGAGGAGGCGCACCAACTACCTGCGGCAGATGGG  
GACAGGCGATGAAGCTGTGAACAATGCTCTGGCCTACGAGCGTAGCAAAGGAAG  
GGCGAAAATTGGGTTGGCACTATGGCTCAGCACCCAGCGACCTCAGAGATATCTC  
CGACCGTGCTTCCCAGTGTAAACCTGGGCTCCTTCGCCTGTCCTCGAGAGAAGG  
ATCTTCCCGCATCCAATCCGCAAGCGAGTGGCCGATAAGCGTGAGGTGCGAAGG  
ATTGCTGGGCTTGCAGAACGCTTGGCTTCGGTGGAGCCTCCAGATGGCC  
ACTCTGATTAAAGCTCCAGTAGCTCATCCTCTCCCTCGTCTGAAGACGGCCGCTTC  
AACAGCTGGGCTCCGACGTGAGCGAAGAAGAGGAAGAGGGTTTGGTACTACCT  
GTGATGCGCTTGTCTCGTGGCACTCAGAGCGGATGACTGCGCCGACTACTTGCCT  
TGTATCAATGAAGTCTACCTCCGGGATTGATGCTGCTGCCGTTGACGTGCTCCCGA  
GCAGTGACTCTAGTTCCCGTCACTCCAGTGCATGAGCGCCTGCCAGGAAAACCAGGT  
CAGCCACCGCGCTGCCGTTGATTCTCGCTCGCTGTTCCCTCGCCTCGCT  
TCGCGCGCTGGTGGCTAAAGCTTTCGCTGCAGCTGGCCAAGCGCTCGTG  
GCTCGTTGGATTGGTCTCGTAGTGATTGCTGCGGTATGCGTTCTCCTGCCTTG  
TGGAAATGAGTCAACCAGGAAACGGCTCGTCAAGTCGCAAGATTCCATTGTT  
GACCTGCCGACGTCCCCCACCCTGAGTAGTGGCTGGTTAGAGTCCGGGGTAAT  
GAT

>CONTIG\_136\_length\_3682\_cov\_20.597468

AGGCACCTGTTAAAATCGTCATTACGATGGATCTCCCTGTCATTGGTTGAAGC  
GCCATCATAGCTCCGCCAATCAACCCAATCTATGATGGGCCATGGTACTGCCCTA  
CCCCTACCTCATTACCAAGCTTGGCACCGCAAAAAGCTCGGGATTGGCTCCCTAG  
CTGTGTCTCGGGTATTATCTGACCATGACGGTAGCGCTAGCGCTCGCACTGCTG  
ACGTAGAGAGCGCACCAAGATAAGACGACAGTAGAACACAGCAGCGAACTCATCAGT  
GACGCCCGCTCAATGCTGGAATACCTGCTTTGACCGAGCGCGTCGGTCCCT  
AAGGCTGGTGCCACCAACTCAGCTGCCGCCGGTAAAGCAACCCCTGCAGGCCAG  
AGCGATGCCCTCTGTCGCTGCCTAACCCATCCCGTGGCCAAGGCCAGCTATCA  
ACGCGGGCTGGCACGTCACTGCGGACATGACGTTCAAAGGATTGCTCGTCACTGG  
TGGACGCCGGTGCAGAAGGCTCCGCTGGCTGCATGGCTATTGGAGGCCAGCACTT  
TGATATTCAATGTCCACGGCCTATTGCCATTGCTACGACCGAAATGCCAAGCAGT  
CGTCCAGGTTGAGTCGTTAACCATCGGGGAATCTGGTGCCTACAGCTCGGAGCCT

TGAAAGGACCACTTGCTGAGGTCAAGGGCAGTGAACAGCAGATTGCTCTCAAGCGTT  
TGCCCAAGAGCAAGCTAAAGGGCTCTGAGGACACGCCCTCGATATGACTCAAGAG  
TCGCCAAATAACTCTACTCATCCTGCTCGGCGCGTTCACCTGCTGAGTGAAGCGAA  
GCACCAATACACCGTCACCAGCCGCTCGAGAAGGCCTAGAGCTCCGGAACCTTCC  
AAGTCAGCTACTCCGCAGCTGGCGAGTCACCGGTGGCAGCACTGTCTGAGCATAAC  
GGTAAGCGCACAGCAAACGGACAGCCAACATCTGCAGTATGGATGACCTTCAC  
AGTCCAGCGAGATGTATTGCTTGTGCTGCCCCGCTAGTCCACTACTGGCAGGA  
ACTAGCCCCCTATGCCGGAGCTTCCCACAAAGTGCTAGGATTACATAGGCCCTG  
GACTGGCCGGGGTTGCCAAGGAGATGGTAATGAGCTTCCGCAGATGTCTTTATC  
CCGCTCAAGCTGAGCTTTGCCGAAGGGACGTTGCTCTACGCTCGCGATGCGTGGT  
GGCTGCGATGCAGCCTGGTAGGAACGGCGAAAATGTGGTGCCAAGGTGCTGGCC  
CTGACGGGGGATAGAACCTGGTATTGACCATGCTCGCGAATTGGAAGTGCTGGCT  
GTGAACTCGAAATACGGCTGGAAATTGCGATTCCCTACCCACTGGATTAGACTCC  
GAATCCAAAGTCATCGGATCAATCAGTGTGGCGAAGGTAGCCTAATCGGAATCTG  
GGGCACATTACGGTGACACGGACGCAGTGTATTGCATTGCTCCGGATGGCACTGC  
AGTCGCCAATGACCTAACCTGGTCCCGAAGAAGTAAGGTATCCGTCTACCACGT  
GTGGCTGCAAGAACGTGGACCGGCAAGCTGATTGGCAGGCCGGCTGTTAGCA  
AAGAATAGTAGTTAACGTTACCTGCTGCCCTGGCAGCAGGTTCTACTAGCCTCCA  
TGAGCAGAATTTCGACCCAGCCATATACTGACTGCGCCATAAGCCTGAAAAAA  
GAGGCCGAGACTCGGAAAATCACTCGCTGCATAGGAATCACAGAAAGCCAATCTT  
GTCAGTTATTAGACGTTGAGGACTGCCAATCCGAGCCATTAAATTATTGCGCCAG  
CCTCATTGCAACAAGTAGAGAGACAATATGAGCCTACCGAAGGAGGCCAGATGTG  
ACCTACAACCAGCTGCCAAGATTGCCTCTCCTATGGCTGCGAGATTCCATCATT  
CATATCTGGCATACAGCTTACATGTCGTTATGGACACAAACCTCCATTGAGTAT  
GCGCACTCGCGCAAGGTTTCAAAATCAAATGAAGCCGAGCATCCAGGAGTTCTA  
CCTGGACCTCTACCTCAGAGAGGTGCTTCTCACGCAGGTGCTCGAAAGGCGCG  
CCGCTCGCTACGGGACTGGAATGACCTGGCACACTCCATAACGCTATTGCGAGCTA  
CAGCGATTCAAAGCAAAGTGTGACTTAGACATCTGGACCACAATGCACCGTATCG  
GGCATCAACAGTGCCTCATTCGATCGCTCGGATCCTCATATCTGGACGCTACTG  
GTCTCTCTACAAGCGTGGCACCTCTCCGACGTCGTTACAACGCATTGGCCTAAC  
ATCCGAAGATTACTTCTCTCGCCGGAGCCACCCAAAGCGCTTCTCATGAGCAACTA  
TGAAGTCCGTTACTGCCACAGCTGACCGCACTCGACTTGGACGTCGGCAGTGAC  
AGCAAGGGTAGCTGCGATAACTGCCACGCCCCACGCTGTTGCGTAACCGCTGCCTC  
GGATGCGGCCATGACTCGCTGGACTACACCCCTAACCTGTAGCGGTGAAACC  
CTTAATCCTACTCGATCCGACGCCCGGCTAGGCTGCTGTCCACGCCGTACTT  
CTGGGCAAGCGACTACTCGCAGGACTCTTATGACCTTGCAGCGGAAGGCTT  
GCCCAAGCCTACGGGGATGCATTGAGGATTGGTGGCGACTGCTTGGCCACCTC  
ACGGGCACGACGATCGCTGAGCGCCCCACCCCTACACGGTGGCAGGTTCACAGCG  
ACACGGTAGCGACTGGATTCTCAAAGACGCAGCCACACTGTCTCGTGGAAATGCA  
AGACCATGAGGATGCCCATCTCGGCACAGCTGGCTAGCCCTGGCGATTGGAG

CACGGCCTGAAGCGCCTAGCCCAAGCCGTAGTCCAGAATTACCGAAATATCATCGA  
CGTGACGTCAAACCACGTAGGAATCAAACACTGCCAGATGGCCAATCTATTCCCTAAT  
TGTCAACCCTGAAGACTGGATCCTATTGGTCAGAAGGCAGTAGACGCCCTTACCAAG  
ACTGGTGGCGCAGGAGCTATCGAGCGCGGATGGATGCCAGTATCGCGAACGTT  
ACCCATTGCCATTATCGGATGCCCGGATTGCCACGGTGGTCACTCAATCAGCG  
AGCATGGGCTACATATCTCACGGACAAAGCCTCTCAGCGATTCAACGGCTACTTT  
TTCCGCAGTTTGGACGAGGCTAACCTATTCAAGCAAGGGCCGGCGGCAATGT  
TTGACGGCGAATGAAAGATTGATGGAGCGCCTCAGAATTGATTCCGATGGCAT  
CGGGTCAATAATCTGACAACACTGTGGAACATGCCCTTATCGCACCTACTTCGACGC  
GCCCATTTCTCTTCACTAGAAATCATCACGAAATCAGAACCAACCGACCTTCTACC  
TGCTCTAATTCTCATGTTGCGCTATCGAAGAACCATCCAAAACACATCCGGCATG  
GGCTCTGATACGCCAGGGTTCTAGACATCTCAAGGCCATGGAAAATAGTCGATT  
CGGAGGTGTCTATGAGCAGCAAGCGATACGGATGAGTTCAAGATCGAGGC

>CONTIG\_137\_length\_3664\_cov\_10.104326

CCGCTTCGGCTTCGCGAGAAAGCGATGACCTGCTCGTCAGTAAACGTTCTTC  
ACGTCCAATCTCCTCGGGTAGGAAATTGGACTCCAAACTGGGGCGTACTCAAAAT  
TGGGTGGACGTGCCGTGGACATCGATTGCTCGAATGCATCATCGAGCTCGCGCAG  
ATCGGCCGGCGTTAGCGTCAGGTCACTGCCGGCAGGTTGTCGGCGAGATGCGCGG  
GTTGTTGTCACCCGGAATCGGCACGATATAAGGGCGTTGGTGCAGCAGCCAGGAA  
AGCGCGATCTCGAGGGAGTGATGCCCTTCGTGTCAGCTCCTTAAGAAAGTCG  
ACGACAACGAAGTTCGCCTCCAACGCTCCGGCGTGAATCGCGAAAGGTGGCACG  
CAAGTCGGTGGCCCGTGAACGTGGTATCGCGGGTGAATCTGCCGGTCAAGAACG  
CCTGGCCCAGCGGACCCCACGGAACGAAAGCCAATTCCAGTTCGTCGCACAGCGGC  
AGGAGTTCTGCCTCCGGTTCGCGATCCACAGCGAGTAGTGATACTGCAATGCAGTC  
AGCGGCTGCACCAAATGGGCACGGCGGATGTTGGATGCTGGCCTCCGAAAGACC  
GAAGTGCTTGACCTGCCCTCCTGGATCAGATCACGACGGCACCGGCACCTCTTC  
CATGGGCACGTTCGGATCGACCCGATGCTGGTAAAGCAGATCGATGTAATCGGTCC  
GAAGGCCTTGAGCGAGGCTCAACGACTTGCGGATGTGCTCAGGACGGCTGTTG  
AGCCGACCGTCTGCCGTCTCGTTGATGTCGAAGCCGAACCTGGTGGCGATCACG  
ACGCGGTCGCGCATAGGCACGAGCGCCTCGCCGACCAGTTCTCGTTGTTAGGGG  
CCATAGCCTCGGCTGTGTCGAAGAAGGTGACACCGCGATCGAAGGCACGCGGAT  
GACCGCCACGCCCTCGCTCCTGTCCACGCCGGGCCAGACCGAAGCTCAGGCCAT  
GCAGCCAAACCGATGGCGGAGACTTCGAGGCCGGTGTGCCAAATGTGCGGGTCT  
TCATGTCAAGGTCCAGCGAGAGAGTCAGCAAAGTCTCCTCGCCGCCCTCCAT  
TAAGATGCTAAATCCGCAAGCAGTTATCAGTCAGGCACATAGTCGCTACCATTG  
AAATGGCCCGGGACCAACTACAGCGACCTGTCGCGTTCTTACCGTCGCTAGGGAGC  
GCAGCTTCACGCGTGCAGCGGCTCAACTGGGCATGTCCCAGTCCGCCTTGAGCCAGA  
CGATCCGGCGTTAGAGGCGCAACTGGGGGTGCGCCTCTGACGAGAACCACGCGG  
ACGCGTGTCCCCTACAGATGCTGGCGAGCGGCTGTTGCTGACGATCGGCCGAACCTT

GAGGCCATTGATGCCGAGCTTGGCGCCTTGAGCGAGTTCAAGGACAAACCGAGCGG  
CACCATCCGCATCACCAAGCGAGCACGCCGCCACACTGTCCTGTGCCAGCTCT  
GCGCCGGCTGCTGCCGATTACCCTGACATCCGGGTCGAACACTGGTCACCGACGCCGG  
GCTGACCGACATTGTCGCTGAGCGTTACGACGCTGGTGGACTTGAAGCGTT  
GGCCAAGGACATGATCGCGGTGCCGATTGGCCCACCGATGAGCATGGCGGTGGTGG  
GTGCCCCGTCTACTTCGCTGCTGCCGCAGCCCAGACCCCCACACGAACACTGCC  
AGCACAGCTGCATCAATCTACGACTGCCGACCTATGGCGGTTGTATGCCCTGGGAGT  
TTGAAGAGCGCGCTCGCTCATTCCGTGTTCGCGTCGAGGGCCAGGTCGTGTTCAATG  
GAECTCCGCCAAAGCCACCGCGCGCTGGACGGGTTGGGTTGCCCTACCTGCC  
GAGGACATGGTGCAGCAGACATCGCAGCCGGCGTCTGTCTCACGTGCTGCC  
TTGGTGCCCCCATTCCCCGGCTATCACCTCTACTACCCAGTCGTCGGCAGCCCTCA  
GCAGCATTCTCGTCGTGGACGCCCTACGCTACCGGGCGGTGAGCAGGTAATTAT  
CCGGTGCCCCTTATAGGAGCATTGGATTTCGGCTAATCAAACGCACCTCGAC  
TCCTAGAGTGGCTAGCTCCAATCGGTGCATGGCTGCCGGACTTCGCCGGCCATATCA  
GGATCCCGGCACCGCCGCAGCTAGCCCAGGGCCAGCCGAGAATGCTAACGGCTCA  
TGGCAACACCGTCCGGTTGGCAAGGTGCACGGAAAAACCCGCCGATTTTGAA  
GCTGGTGCCTGGCCATAACCTGCCCTGACCCATTGAAGGAGATCAACGTGCCAAC  
CACCGTGAACGCCCTACGCCGCACACGCATCCGACGGCGACCTTACCCGTGGCCTT  
TGAAAGACCGACCTTAGGCCTGACGACGTGGAGATCGACGTGCTGTTGCC  
TCTGCCACTCGGACGTGCACCACGTGCAAATGACTGGGGCGCGAGACATATCCG  
ATCGTCCCCGGTCACGAAATCATGGCACGGTAAAACGTGTCGGAGCTCAGTGAC  
CCAATTCCATGTAGGCGAGATGGTCGGAGTTGGCTGCCCTGGTAGATTGTCGAC  
CTGCGGGGCATGCACTGCGCAGCTCGAGCAATACTGCCAACAGGCAGCACTTG  
CTTATGCCGGCAAGGACCGGCATGACGGCACACCAACCTACGGTGGCTACTCGAAC  
AGCATCGTCGTCAAGCGACCGCTCGTCCTCGTGTGCCAGCTGGACTGGACCCCGCA  
GGCGCGGGCCCCGCTGTTGTGCCGGGATTACGACTTATTCTCCGCTACGGCGTTGG  
GGTGCAGGGCCTGGCGTAAGGTTGCAGTGGTCGGCTAGGAGGACTAGGACACAT  
GGCGCTTAAGATGCCAAAGCGATGGCGCAGAAGTAACGTTTAGCCGCTCAC  
CAGGCAAGGAGGTAGACGCACGCCCTGGTGCAGGACCACGTGGTCATCTCCGGC  
AGTGCCGACCAAGATGGCCGCTGCCGGAACCTTGACCTGATTATCGACACCGTC  
CCGTATGCGCATGATCTCAATCCGTATATCGCAGACTAGCCGCGCAGGGGACAATT  
GTGTTGGTGGCTACCTTGGTAAGTGGACGAAGCACTGAATACCGCACCTATGGTT  
TTCTGTCGGACGCTCTGTGGCGCCTACTGATTGGCGGTATGCCGAAACGCAGGAA  
ATGCTGACTTCTGTTCCGATCACACATCACCTCAGACGTTGAAATCATCGAGATT  
AAAGACATCAACGACGCCCTACAACCGCATGCTAAAAGCGACGTGAAGTATCGCTT  
CGTTATCGACATGGGAAGCCTCGAGAAACAATGAGGCTGCGTAAGCTGCC  
ATATTGCCGAATGAACTACGGCCCCAATGCTTACGAATTCTCAACTGCGTAACGCAG  
GTGCATCACACCTCGTTACGTGGAGTTGCTGATACGCCAGGGTTCTAGACATC  
TCAAGGCCATGGAAAATAGTCGATTGGAGGTGTCTATGAGCAGCAAGCGATATAC  
GGATGAGTTCAAGATCGAGGCAGGTCCGGCAAGTGACTGACTGATCGT

>CONTIG\_138\_length\_3651\_cov\_276.307889

GTTAAGCGCTAGAGCGTCTGCTACGTGTAGCGTCATCTGCCTTGCCTGCTGC  
ACCTGACGCTGACTTCCCTCAGCCACTGCCGGCTGCTGCCTCAACGGCTGAGTC  
TGCCTGATCGCGATCTACGAACACACGACGCATTGCCGGCTGCTCATCTGCC  
TGCACCGCAAAAATCCATGCCACTCTGTTGGGCACTACATGGTCGATACGTTGT  
AATCCGCTGACCTTGGCCTCAAACACAATCTGCCCGCCGCTGCTGCAGTTCTGC  
CGGTTGGAGAAACCACCGCGCTGCCAGGGCTTCCAGTTGCTCACTGTGCCGTTG  
TACATCGCGTCTGGATGGCGGGTCGGAGAGCAAGGGAGTGCCGGTCGATGC  
AATCAGTGCAGCTTGCCTGTTGACTGTTCGGCCTGCTTGGCCGCGTGCACAA  
CGCTTGGCCAATACAGCCTGCGTACGCTGGCCAACAACACCATCCACCTGCAGACC  
GTGCTCACGCTGAAACTGCTCCACGGCATGCCTGGTATTGCCACCAAAATCACC  
GGCTGCAACGGCTTGTGCTAGCGACCTGTGGCCCGAGTTGCGCAAGCTGACTTG  
TAGTTCTGACTGACTGCCACGCTCACCTGTTCCAGCTGGCTGTCGATTC  
GCATCGTGTAGAGAGGTGAGCTAGGTGCTACGCTGGCTTGAGATCAACACCATCG  
CGCTTGACACTTCAATTAAATCAGGAACCTGGCGCTCCAACTTCCGCGTCT  
GGCAATCTTGGCTGCTCTATACTCCAAGGCTGCTGGCGTAACACCAATTACTAC  
ACGTCTTGCCTGTTAGACGTATGGCTGTCACTATCGATGTATCGATCAAGAGGCTT  
GCCAGTAAACAAGCCATCGCGATACCAACAACCAAAACTTTCAGCGATTCCG  
GGCCTTCGCCAAGTCCGGTTACGGACCATTCTCCGTTGAGACCCAGCAACTGT  
CGAACCTCGCATAGTTGAGTCGCTGAGGTGACGTAGCCACGGCCATAGAATT  
CTTCGCCCGCTATGCCAAGCTTGCCTGGCTCGCCGAAATCCTCTTCAG  
GCGCCTGAAAGTTACCGCTTGTGCTGGCCGCTGCCAGCATGTACGATATTGTT  
TTGGATCCTCACACCGTTTCGAGAGCGGTCTTGACAATCAATCTAACGGAAGACT  
CCCGATCCACACCAAGCCTCTGTGCTACGACCACGTCCATCACTCATAGTATTCT  
CCGTACGTGCATGTCATTAGAATTGTTGCATGCCGGCATGGAAATCCGAAG  
ATACGTTGCATGTACTTGCCACAAACAATTACAAGCTTCCCTAGCGGCCACCTCCT  
TCATCTCACCATTGAAAGACGCTCGGTCTTGGGTTAGCCGGATCATTGGT  
GTCTCGGTTACCGCTCGACCAGCACTACCTCATCTTCTAAACTCGTAAGTATCG  
AACACATGGAGACAGCACCCATGCCAGAGGCGGACGTACGACACATTCCCTTCAC  
TGAAAACAGACCATTGCCATCACTGTGATATGGATAGCGACTGATTGAAGATGA  
GGCGCTGCTGTCGCATAAAAAGATAGACGCTATAAGAAGGACCACCATTA  
CCTTCCTGCCAGACCAGACTATTAAATCTCATGCCATGCCGTTGATGTCAGTCA  
AAATAATGGAATGACGATTTTTGTAGCGTTCATCCAGAGGACCATGGTAAAGCG  
TCGAATTACCATCCAGATACAGCGCTTGGCTTACCGCAATCGACTTACCAACCG  
GGAAAGTCACCTCTACAACCAAGTGAGCGATTACAAAGCATGATGCCCTGGACTATCCT  
CGTTGCAGCCCTGCGCCTGATAACCAAAGTGATATCACTGATCTCGTCTGATCTC  
ACCCCTGCGTTGAGTTGGCACTGACAGTAGATGGCATTTCAAATCCTTGTGAA  
ACAGATTCACTGCGTCACGCCAGCTGATCAGCGGAGTTGCATTTTCTTGACAT  
CTGTATCAGGCAGCTGCACTGGACTACAAGCTGCAAGCAAAAGAAATATTGGA  
ATTGTCTGCGCCACAAATTAAATTAGCTTACACATATGAACCAATTATTATTA

ATACATGAATTCTACCTAAGAACATTATAATATAAAATTCACAGTACACTCTAAT  
ACCTTTAAATATTGGATCGGTACATTTGATAGTGAACCTTGCAATGACGCCCTGA  
ATTTTTTCGCACTGCTGATTGCTGATCGGATGCTTCTATGCTAGCAGCACTA  
AACATAGAACCTTGACCTGCTGAGTCTGCTGCAGCAACGCATTGGTAAAGAAA  
GCCATACTCACCTGCAGCTACCTGAGCCTAGACCTCGCAACTGGCAATTGCGTCA  
TTTCGGCTTGTCTTGTTCTACGCCAGAGCTCACGCCATCACCGCTCCAG  
AAGTAGCAACCAGCGCCCCATGTTTAATCCATTACCTGTCGGTAGGGGGAGGAG  
TTGGGATATCTCCTCGTGAGGTGCCAGAGTCGGACCGCATTGCGGGCTCCGGGC  
AACTCCTGCTGGGCACGCAGTTGGCAAAGCTCAGTAAAAAATACACATGAAA  
GCAACAGAGCAGAACATATTAGAGAGAATTCTCATATGCCCTTAACCTCAAATA  
GCGGCTTGCCAAGCTTACCAAGCTTGGTTATTAAATTCAAGATGGAGCATCAGAATAA  
GCGGTGCGCCCACCCCGTCGATGGCTGAGTGTCTGACCTTCGGTATTCTGGCCGGC  
GCGCCGGGCTCATAAGGTCTTCCAGCCGAGGCAGTGAACCCGGTGGTCCAAGTG  
CCCCAGCGCCGAGTACGCCGTGAACCTGGCCAGCGTGCCTGGAAAGAAGGCCGGC  
CCATCGGCGGTGCGGTGATGATCAACGTGGTCAGTACCAAGCCAATCCTCCTGCT  
GCAATGCCATGCTGCCATGCCCTCGCCGGTAAACCGTTCAAGTGGCCACTTCGCTA  
CAAAGGCCGACCCACCGCACCCACCACTGGTCGCCAGGCTACCGTGAAGGTC  
AGCACCGACAGCGAGAAAATGGTCCGATGCCGTACAACAGCCATTGCTGAACAA  
CGACTTCGTTGCCTGAAATAGCAGACACAGGATGAACAACGGCCAAACCCACCA  
CCAACGCCATCGCGATCTGTTCAAGCAGCCGATCGAGCCGGCACCACGCCGGG  
CCGGCCATGCCGATGCCGGTAAACCAACCGCAGGGTCTTCTGGTCTCGCCGTT  
TTGTCCCCAGCTGTCTGGATCTGATCCAGGCCGGTCATTGCCACCTGCATCAGCATC  
AGGTTCTGTCGATGCCCTCGTATGGCTGTCCGAATGCCGGTCACCGTCTGGTG  
ATGCCCTCGCTGATGCCATCGGTCAAGGGCCAGTACAGCTGCCGTGAACCCCTGCC  
ATGCTGGTGACAAACACAATGCCCTGGCAGTGCCAAGGCCATTGCTGAGCGTTAG  
AG

>CONTIG\_139\_length\_3572\_cov\_54.691147

CACCGGCTGGGGTCTACGCACCGATGCCGCGTGCCTGCATGCCAGTCGGCC  
TAATCCTCGCCCCGGCGCTCCGCTTGAGAACAGCAAACGCCCGTCCAGCAC  
GCCGTTTCCGACCAGCGCCGCGATGACAGCGTCGCCAGGGCAATGCCGGCAT  
CCAGCACCCGGCCTCGATGCGTCTAGTGCCTCCCGCATCGACGCAGCG  
TTATTGATGCCAGCATGCCCGAACATCGCATGGCGCGCCGTGCTAGGGCG  
AATCCTACCCGTTCGACTCCCTCGGTGCTTGCCTGCCGTCCGGTTCCCC  
TTGCACGCCAACCTATCCGCATGCGCTGATGGTGCCTGATCAATAACCCCGCG  
CCGAAAGGAACGCACTATGAAAAAACGCACGCATCAAGCCCTACAACGGTGCTGG  
AAAACCTGCCGGCCATCATCACGGCCCTGGCGACGCTGGTCACAGCCATCGCG  
CTGGTCGAAAAACTCAACTAAGGAGGAACGGGGCGAAAGCCCCGTTTCGCTTCG  
CTGCATCCGCCAACAGAGCAACAGCAAAGCAGGCCAGCGCAGATCCACATGCCAGGCG  
GGGGCGCGGCCAGCGCCACCGGCTGGGTGCTGCGACCGATGCCCGTG

CGCGTCATGCCAGTCGGCCCTAACCTCGCCCCGGCGCCTCCGCTTGCAGAAGCG  
CGCCGGCATGGCTGCCGATCAGCAGCGTCGGCCCCCGCTTGCACCGCTACCG  
GCGACCAGGTGGACGGACCACCTGGTCGCCGGCGGCGTGGCCGCACGCCGAGG  
ACAAGCCGGGACGAGCTGCAATAGGCAGGCCACCGTGACCCACCGCTCC  
CCCGACGCCCTGGGGATGGATACAACCACCCCCACGGCGACGGCAGCGCTGGCGC  
GCTGGCCGTGGATCACCGTGACGGCCCGATGTTGGCAAAAGCGGGTCAGCAGG  
GAGTGTGAGCTGGCCGGCCTGGTGGCGTGCTGCCCTTGACGTGATCGAGCTCGG  
GCCGTGGCTTGGTAGAGCGTTGCCGGGACCAGGCAGCGATCGACCAAGGTGCA  
TGGACCCCCGGAGCCAGATCGAGCGCAGGCCATTGCAGGGCGTGCATGAGCT  
AGCATCGTGGTGTGCAAACACACTGCACACCAAGCACGTATCCAATTGCCAGGAGA  
GTGACGACGATGCCAAGACCGAATCCAAAGCACCGGACCGGACCGAGCAGC  
ACGAACCGCGATCGCTTCGACGTGGTGCACCACACCGTACACCAAGCGCGGCGGA  
GAAGCAGGCACCGAGTGGTCCGCTGCCGTGGCGATCGACGGCGAAATACGCTGA  
CTATACGCTCAAGCTGCCACCGTCCCCTGGCGATCGACGGCGAAATACGCTGA  
TCGTGAAGAAGCGCGAGCCGAGGGACAAAGGCGAAGATTGGAACCTGCCGGAGTA  
AACCGGGCGGAACTCGCCATCAGAAAAAGCCGTCGGAGATCCGGCGGCTTTT  
TGTGCCTCAGTGCCGAGATCCACCCAGGCATGGCGGCAACATTTTGC  
GGTGCCTTGCAGGGCTTACACGTACCCCTCTCAGTGAGGCCGGCAACCACCTC  
CCCGCCGCACATTGGCATTGTCATCGGAGCCTTGTCTGCATGTGTGCC  
CTCGCCAGTGTGAGGGTTGCAGGGTGTGGCAGCGCACACGTGGCTGCCGGCGAC  
GGCCAATCGCAAAGCGGTTGCAGGGTGTGGCAGCGCACACGTGGCTGCCGGCGAC  
GGCCTGTCACGTGAGCTTCGGCGGTGGCTGGCAAAGCGTTGCCGGGGA  
CCAAGCGCAGCGATCGACCGGGTGACCGACCCCTGAGTTACCCGGCGCAGGT  
GTTCCAAGGGCAGAACCGAGCTGTGTCATGCATGTCATGTTGCATGCTGCATGCAT  
GCATGCAACTGGCTAATATGGAGTTGCAAAGACATTGCACACCTGCAGAAGCC  
AACGGAGATAACTGCCATGTTACAGCGTCTGACATCATCCATTGCACACCCGCGC  
CAACCTGTTGGAGGACGGCGACCTGGTGGACGTGTCTGCCCTGCCCGAGGCCG  
GCTTAAGGTGCCGGTTGCCGTACCGCGGCGTGGCGACTGCGTGGCATGGA  
GCCAGGAGGACACCAAGCGCAAGCATGTGCCGCAGGACGAGCAAGGCCGGCTGTG  
GGATGTGCTGTTCATGGCGCGCAACTCGCCGCCGTGGCGGTGACGCCAACCGCGT  
GCCGTTGCCCTGCATGGGTGCCCGTGGGCCGAGGCCACCAAGGCCGATTGT  
GACCGTGCACATGCACATCGGCCCCGGGACGATGCCGAGCCGGTATCACCATCA  
TGCAGCCCACCGAACGACTGACCCCTTTTGCCAGTGGTGTGCAATGGTATTGC  
ACACCACTGGCCGGAACGATCGAGGAACCGACGATGGACCAGGCCAAGACCACCG  
AGCAGATCCACGGCGTGAGTGTGACGCCGGTCTGCCCAAGCCCGCCGTACTC  
GCAGAGCTGACCGACTCGTGCAGCGCTGCCGGCTCTGGATCGTGTGGCGGTGCC  
CCACTGCCTGCGATCCAGTGCAGCGCTGCCGGCTCTGGATCGTGTGGCGGTGCC  
GCATGACTGCCGCCACAACGTGCGTGCAGCGCTGCCGGCTCTGGATCGTGTGGCGGTGCC  
CGCGCCTGCCGGCGCATGCAGCGCGCTGCCGCCGAAGGCCAGCAGCTGCC  
GCTGCCGCCGGAGGCCAGCGCAGCAGCTGTCGCCGCCACGAGCTGGCACGCAAAG

CGATCGCACTCACCGAACAGCCGACCACGACCGCGCCGCTCGCTGTTGGCC  
AACACCCCCAACCAACTGACCAGGACACACCGCCATGCAGCTACCCCACCCCGC  
CTCCCTCACTGCCGCCGAGCGTGCAGTGGCGTGTGACCTCACAGGTCCGCGCTA  
TGCCCACCAGCCGACGACTTGGCCGACGGCTCCCGCTACTACGTTGCCGAAGAACT  
CGGCCGCATCATCGTACCGAGTTCACGGCAAGAGCTTGAAGCTGGACCGCTATT  
GTTCCGCTCGCAGGCCGAGGCCGACGCCGAACGCCGCAGAAGCCAAGCGGCCGC  
AGCGCGTTGCCGACGCCACGCCGAACGCCGCAGAAGCCAAGCGGCCGCACACG  
CTGGAAGTGGGGCCGTGCTGGTGTCCAGCTACGGCTACGAGCAAACCAACGTGGA  
TTTTACGAAGTCGTCGCCGTGCAAGATCGACCGTGACCCCTGCCGAGCTGGTCCA  
GGAGCGGCAGGACACCGGCAACATGTCCGGCACCACCACCCCGTTCCAGGCCAGT  
ACACGAAGGCCGAGCCATCCGCAAGCGCGTCAACCCCCGCAATGGCGTCAAGCTG  
TCCAGCAGCAGCTACGCCACCC

>CONTIG\_140\_length\_3525\_cov\_13.804002

AACTTATACAGCGCAGCAAGTTCTCGTTCTGGCGCCATGGTCACACCGTAAAAAA  
GTGAGTAATAGTCATAATTCAACCAGTTGCGGAATTGTATTCCACTTGACCACCCG  
TTTGCATTGCCGCTGGCCAGTCATTGCATTGAGGTGACCAAGCGTTGCACGAGAA  
TTGACCGGCCGCACTGCATGTCCTCGACCAGCTGGAGTCTACCCGAAGCAGGCCCTCG  
TTAAGGGCTGCTAACGGCAGATAGCTGCGGCTCTGAACGACCGCGTTCCGGCCGATT  
CTGTTGAAAAAGTCGGGAGTGGTTGCACAGCAGAAAAGTACGCGGCTGAGCTTAA  
AAACTAGAATCTGCGCAGAGGTATTGGGATTCAAATTTCACGTGGCAGCGCATTAA  
AAAGACGCTTCACCGATCAATATGCTGGCAGTTGAGAAAACCGTCTTTCAACA  
GAATCGGCCAGAAGCTGCCCTGGATGGGTCTACAAAAGTGGAAAGATTACCTC  
GTGTAGCCGGCGATGTCCGGTATGGGTGATTATTGCCTATGTGGCAGTATCCAGC  
AAGCCATTGGCGCGCAGGTCTTCTAACAGTCATGCTATTCTACAAACCCCTCAG  
TGATGCCGCAGGCCGAACGGGAAACAGACTGTATGAATTCCGAGCTCTGTCCCTCC  
CTGAAATTATTGATTGAGAGGCATAGGGCTATTAGCCAGTGGTAAGATGACCATTC  
GCCACAAGGAGTTGTCTGCATGCCAACATTCTCGTAATATTATGGTCAAAACGCTATT  
TTTACGATGATTGGTCTATCCAGCCAGGTGACGGCATTATTGACCGAATGAACAAACG  
GGCTGCCACTCCTGACTCTTTCTTCGTAAGTCAAAAGTAAAGAGCAA  
TATGGTAAAGCTAGAGTGGCAAAGCGCCCTATCAAGCGACTAAAGGAAATGTAG  
TTTCGTTCCGGTTCGAGTTGACGGCGCCCAATGCCGTCAATTATTATGCAAAACA  
GTTACATAGATATGCATACCAACGGCGTTAGCTGCTATTCAAGCAAATTAAAGATC  
GGATTTCAGGCAGCTCTGAATTCAAGCCAAAACACGAAAATTCTCAAACCTAACCT  
TCAGCATATCCGGAGACCCCTAAAGAGCAGCTGCGAGTTACGATCATAGCCTCTCATC  
TGCAAGAGTTAAATCCGAAATTATGTTATGGTAAAGAACAAATAAGATGAGGTCT  
TCGTCTGGATTGAAGGTGCTTCTGCAGTTCACTCCGGGCCAATAACTATCATGAGG  
TCGAAGGTGCTGGAGAAGTGGCTGGAATGGTTGCGCTCCATTAAATGGCACTATCA  
GGCCAAGCTCCCTCTCACATTACAATCACGCCAAAGCAAGACTGTAAACCAGTG

GAGTTTTGGGGTCTCCACGAGACCAAAGCTAATTGGTTGAGCCTATCCCTCA  
TCGGCTGGAACCCAATAAGATTATGGGCTCTGCCGCAGGCTAACGATCCGCCTTG  
GCCAACTCCCCTCGCTTATTACCGGCGGGAGTCGACCAGAACAGACATA  
GAGGTGAAATTCCCCGGGCAGCTTGCCTCTGCCTCGCACCTCATTATCGAA  
TACCTGCCGACGAGAGCGGCCTCGCTTCGCCTCGCACCTCATTATCGAA  
ACTCAACATTACAGATGAGGGAGCTTTCACCGAACAGCTCTTGGCGCTTTTC  
TGCACCTTAATTGCTCTGTTGCTGATCTCCGACTTATCGTCGGCATAAACGCCGTGA  
AGATGGCTGTTGGTGCACCGAGGCTCGGACCATATGTCAAAACGCCATCGACG  
ATCTTCATAAACAGAACATGGACGCGCTCCAGAAATCCTCCTGCCGTGGCATTAGC  
ATCTTGACATACCAAGTCTTGCCAAATATTCCCTGCATACGAATCGCTCGCAGTTG  
AGTGGCATTGCCATGAATCCCTGGTGCCTCGAACAGCGGGACAGAACCGCCTCA  
GCGTGGACGCTATCGTCGCAAAAGCCTGCAATCATTAGCGCAAGTGCTGTCTCGTAC  
GGCCGGTCCGTGGCAAGAACGCTCATCAATGTAGGCCTGTAGAATTGCCACCTTCCG  
CAAAGATGGGCTCGCATGACCTCGCGCGATGTCGCTGCGCTTGCAGGTGTTG  
AGGCGCTTTGCATATGTCTACCATCGACGGCTAGCAGTGCTGCCCATAGGACA  
ATGGCCTCTACAGGGATTTCAGCGCCGGTACACGGCGTAGGCTGGTCGGTCCAAT  
GCCAAAATGCGGTAATAAAACTCAGGTGGTAACGGATTGCCGCTGTGAGTGC  
GACCGCTACCTGTAGGGCGACGTGGTAAGATGACGGAGCTTCGATGGAGGTGG  
CTACCAACATCCTGAGCCAGCGCTGATCGCGATCAGAACCTGTCCGATGATCGATT  
TGATGCCGTCGAAACGTGAGGTGGAGAGTATTAGGTCCGCTCAACAGCGTAAGCT  
CACCGGAAAGCGTTCATAGCGTCGTTCATGCCGCTGGCGCTCGTGAACGTGTT  
TTCCGTTCCGAAAGCCGATTCATCTGGATGTGAAGTCGTTCCGACGGAGCCC  
GTTCCGTTAACGAAACCAGGGAGGCGTAGGTCGGATGCTGCGTGCCTGCCAGTC  
TCAATCTCCGGCAACTCCACATTACCCATAGTCCAATGCCCTCACAGCGCGGCC  
TCGATGCGAGCCCGATGGCATCATTCTGTTCTGCAGGTAGCGTTCCGCGCGAAC  
CCGTAGTGGACACGTTATTGATCAAGCGCGACTCCATCTATCAGGCCCGCT  
TCCATCGCTTCAATATCGCAGTGGACCCGTGCCATTCCCGAAACTGCTGTTGC  
TGTTCCGTTCCGCTCCATCCACTATCTATGACTTCTTTAGTAATGCATTTCG  
CCGCTCAATGCGCGAGGGCGAGGGCTCATGCCGGAGATTGAGTGGAGATCG  
GATGAAGCTTGACCATACTGACAGCGCGGGTGTGAGCGCGATTAGAATAGT  
GGATTGCGGCAAGAACTGCTGCGCATGCTCATTCCACTCTGCAGAACATACC  
CCAGCACCTGTTCACTTTCCGGTGTGGCACTGCGCACGCATGAGAGCAGCTCCA  
GTAGGATGGTCTCGCCCTCATTGCGATCGCGTAGCTGCGTGGCGGTGA  
AATGCGGCAATGCGATGCGGGAAACTGTGCCGTAAGGAAAGGTCTGAATAAC  
GAGGCCTGAGAGTGCAGGGATGTCGCGTGGAGAGTCGCGTTGGATCTCG  
GATCTCCGCCATTCTGGCACTTCCCTGGAAATTCCCCGGTTACAGCGC

>CONTIG\_141\_length\_3517\_cov\_12.622714

CGATTCACAGCAAGCTGCCAGAGGGCATCTCTGATGAGGTTGCAATGCACGCCACC  
GTCGAAGCCAAGCGCGGGCATCCTCGTACGATCAGCTGCAGAGCGTGACCGCT

ACACCAAGGAAGCATCTTATTCTTGGCCAGACGCCGGGCTCCGGGCCAAGGTGG  
ATCTGTCTGAGGCCGTGCCTCCACTGCAGGAAAGCGTCCGCCAGTCTCAGGCCTTGG  
ATGCGCAGCGTCGAGCAGGATACGGTGAGCAAGCACCTACACGATCGATGTAA  
AAGTCGAGCCCGAAGTGGCTCGGCTGAATGAATTGTTGGGCCACCGCAGCGA  
GCCTTGGAGAGCTCACATAGCTCAGAGAACCTCGTAGTAAGAGTCGCATGCATC  
GCCAGTCGAAGATAAAACTAGCCATGTAAGACGCCAGATCTGATTGGCTATGGTGC  
CAAGAACTCGGCCAAGTTGATGGCTGCCGTTGGCGAAAATCCTCCAATGCCTCCAT  
GTCGCCAGCATTGCGAACTGCATAGTCACCAGCCAAAGATCGTAGACAGCGGTCT  
CCACCGCGCTAATACTCGTCGCTCCAAGCTGATGCTTTGTTGAGTGCATCCCC  
GAACTCGATGAGGCCACGTTCAAGATCGCTAGTGTCTTCATGTAAGGCCAACGCC  
TGAGTTAAGCCGTGCCACGAAGCGCGTCGGCTGAATGAATTGTTAGGCCTCATTG  
TGC GGCTTGCGGGGCAAAGCGACAACGTTGCTAGAACGACGAATGCTTAGTGCCTTT  
ATTGATGCTGGACGGAGAACGACCAAGCGCTACATTCCAACGCTGACCGTCATCCGT  
AAGCAAGGAGACCGATTTTGTTGAGCGATGACGCCATAAACCGGGCCAC  
GCATGTCCGGCTCAAACGTGACCGATACCAATGCTGAAGCGGAGCATAGTGCG  
TGAGCTCGGGCATGCTGCATAAACGAAAGTCTCTCAACAAATCCGATGATTGAGGTG  
ATGAGCTCGGCTCTGTCAGTTGTCATGTCAGATGAGTCAATGAGGTCTAACGCCTGA  
GTTAAGCCGAGCCCGAAGCGACTTCGGCTGAATGATTGTTAGGCCTGGGGCGA  
TGGGCCCAAGTATGATCTTCCCAGTCGAACCTGGAAACAAGTCATTGATAGCGCAGT  
CCGGGTTGAGCCTGCTCAAATGTGCCAAGCGCTTCGCGCTCGGTGCAGCGTCGA  
GCCAAGATGGCGGATAGCCCATTCTTGAGAGCATCTGTGAGCGTCTGCCGGAAA  
TCTTGAATGCCTCTCTGTGAAATACCAATTGGGATCGACGAAGGTACGAAACCGAA  
CATAGCAGTCATACACGATGCGCGTCACTGAAGTGAGATATGAGTTGCAGACATCT  
AGGGCGTCCACCAACTCGCTAGTACGAGGATGAACCAGCACATGCGTGGCGCCAA  
ACCGTTCAACTGGCCGGCAAGATACTGGCGCAAGTGCATGACCAACTCGACCAA  
TGGGGTTCTCCTGTCTGTGGAATTCTGAACGAAAGTGGGGCGA  
GCTGGTCAGTTCTAAGGGTTGCTTGAGCAGTGGCGTACCAACTCCTCGAACCTCT  
TGCCGGTGAGGGAGGCCTGGAGAACGAAAGGTACGCTACGCGAGGCCAGACGAA  
TGCGCTAAATGAGAACCTTGCCCTGCCGAAATGGCGAGAGGTTTGAGAGCAGGTG  
GAGAAAATCTGCCTCGCAACTTCTCTTACCAAGCCAAACGAAACGTGTCAT  
AAAAGGCCAACGTTGGAGTTAAGCGGAGCGCGGAACCGCGTCCGCCTGAACGA  
GTTGTTATGCCTAGGCCACGAGAACCTCTTGCTTATTGATGAAATAAGCACGAA  
GCTCATCATCTGGGATGAATTGTTAGCGCGATGTTGACTTCGAGCATGGAGC  
GATATT CCTCTTCGCCAAGAGGTCGCTCAGATATGCGTCTGCCCGACTCGCTTC  
AATTCTGTATGACTCGATCTTGATCCCTCTGCCAACGCGCTGAATTAAAGTCGCG  
CCCGCAAGCGCGTCGGCTGAATGATGGGTTAGGCAGACCGCGCATCTTCTG  
GTAGGGCGCCACTAGACCGATATGCAACGTGTTCAATCGGCTCAATAGGTTGGTAAT  
TGACTCAGTCCGGGCTGAAAGTTGCTCCGCCAGCGCGCTGAGTTCTCGAGCTGCA  
AGGCTGGCGCCTGTATAGGACAAGCAATGCTGGTGAGCAACGTGATCTGTGCG  
GAACCTCGGCTTGCAGGTCTAACCAAGAGGCCGGTCTACGCATGTCTGGAGAAGA

CCTTCAGCAAAGTCCCCAGTGCTGCCCTGTCATAGTCGTGGCCGGAGAACCGAAGT  
AAAAGTCCTTACCAAGCCGATGCTGGCAATTGGAAATAGTTGTGAAGGTATGTT  
TTAGCATCGCCTCGATCAATTGGTAGCCGCAAGCGTCAAGCTGGCAATCTCCTGAA  
AGCTCTTCTTCAGATTGCGGATCCGTATCCATGGCGCTAACGCCTGAATTAAGC  
CGACCCCGGAAGCGGGTTCGGCTGAATGAATTGTTAGCCCTACTGCGATGACCTG  
ACTAGCACGCGGTCACTGCAGACCCCAACAAACCGAGGTTGTGAGAGTGCCGAAAG  
ACAAGGTTTACCAAGGAAACTTGCCTGTAGCAGCACCGCTCGGTGCCGCTTG  
AATGTATAGGTTCTGCTCGGGCCACAGAGCAACTTTGGGGCCAGCAGTCCA  
GATACCTTCTCTATCGTCCCCGGGCGTTCTGTAGCCGGGTTGGCCCTCGGCG  
ATACTCGAAGTTGTAGCCGTAGCGAACACTCGTAGCTGCAGGTCCCTCTCTCGT  
CCAGTTGCCACAGGGTGAACCTATAAGTGTAGCGTTCTAATGTTGGTCGCCCTGG  
CGGGGCAGGCTTGCCTGTAATGCTTACGCCATCTTGGTGTAAAGAGTGAACAGT  
ACCGGGCTCACGGTCTTGCCTGCGATGGTTGGCTCCAAGTGTATGGCAAACCAAATTG  
AGCAAGCGCAGCATACTTCATGACGATCCTGTGGAAGTCTGTTGAGGGCTAACGCC  
AGAGTTAAGCCGACGCTGCGAACAGCAGCGGCTGGAATGAACACTGTTAGGCCTCA  
TCCGAGTGAAGTGAAGTCCCTGATACCAAGCCATTTCATGCTAGATCCGCGTCT  
ATGTCGTCGTAGCCCGTGCTCGACCATTGCCTCATAAAGCTGATTGGGAATAGCG  
ATGCAGGTCGTGTATACGTGCCTCAATCACCTCAGCCTTGTGAGTGCGGAGCCC  
TTTCCTGTTCCAGGCGAAGGAGAACAGCTACTAGTGCCGGACTGGTGTGATGATT  
AGCTCTTCTCGTCACTCATGCTGCCCTGAGGCCTAACGCCTGAATTAAGCC

>CONTIG\_142\_length\_3450\_cov\_11.644598

AAAGCATTATAAAAAGAGTTAAGTTAACGTGGTTAGTTAAGCTGATGCGTGACG  
CTTCGCTAATGCAAAAGCGCACAATGAAACCAGGCCGCCAGCGGGCGAACAC  
CTATGAGGCCGAGCCGGCGATAGCTTCGGCAAGGCAGTACGTACCGCACGTGTTG  
CGCGTCAGATATCGCAAGAAGAGCTTGTACTCGCGCGGGTATTGAGCGTTCTCACA  
TGGGGAAAGATTGAACGTGGCAACACACATGCCTACCTGGCATTGATCTTGAGAGTCG  
CTACAGCCTGAACGAAACCGCGCGAACATTGATGGCTGCTACCGAAAACAATCTG  
CAAGTCGACCTAAAAAATTGAACCTCCACGCCGTGAGCCCTCCCTCAATCGATTTC  
TCCTTGAGGCGTGCGTAAACCTGTCAAAGAAATTGAGGTCCCCGTACCGTGCTT  
TTCAGCATGTAGGTTGTAATAAGCGCCACTCGTCTGCTAAAGGACGTATTACCACA  
TCAGGATGTTACAGGGACCACATCCTGGCGAGAGGCCAGACCGACTCCGTACCC  
AGCAGCAACGAGAGTGAGCATTACATCAAGTGACGCTGCTCAATAACGTTCG  
GTTGCTCGCCAAGGCCTGCAAGAGCCGGTGAGTACTCTGTGGTAGCCCTCATAAG  
CTTGGCGGTGCGACATGATCAAAGAGACCCAAAGAGTTCTCAACGGAACCTCC  
CTGTAAGCCAGTAACGGATGGCGAGCCGGTATGACGACAACCATTCTGCTGCCAG  
ATCGGTTCTACAGCGATTCCCTCCCCAACCTCATCGGTGTGCGTAAAACCGACGGTG  
AAGTCTCCAGACCTCAATCCGCGCAGGAGCTGGAAAGTGCAGCTCGGTTAGGCG  
AGCCTCAACTTCAGGTTCTCGCGGCACATTGCGAGAAAATCAGATAGGCGAG  
GGTCGATTGCGCCATAGGACACGGCGATCGCAAACGCTTATAGCCTGAAGATA

CCGCTTAACGTTGCGAGCCTGTTCAAAGGTCGAAACAAGGCCGTACATCCG  
GCAGAACACTTTCCGGCTCGGTAGCTGTGCCTCTCGGTCTGATTAAACA  
GCAGGGTGCCAATTCCCTCGAGCTCCTGATGGTCGGATAAAGGGGACTGCT  
CAATGTGCAGACGTTAGCTGCCCTCGTAAAGTGGAGCTCCTCAGCCAAAACAGTG  
AAGCATCGCAGATGTCGAACCTCCATGCAGACTCCTAAACGGTCGAATCGTC  
TGTGCCAACAGGGAGGACAAAATAATTAGTTGACGATGCGGAAATTCTAATT  
TTGGCAACGAATTCCCTGACACAACATCATAGTTGACGATGCGGAAATTCTAATT  
AGCAAAAGAAGGATATCTGCTATAGATATCGCTGACATGCTGGCACTACGCAATC  
AAGTCGATTAAAGTTAAGCTGCCTTTATCAGCTGATGCTAACTGCGGCCATTATC  
GAGCAGGAAACGGCTGACCAACATAGAGGTATAGTTCAACCTGCCATAGCACA  
TCCGTACTATTGAGCGCAGCCGATCAAACAGCTACGCTTCGAAGATCGCACCCAGG  
AAAAAAATTACTACGCACAACAAAATTAGTTCCATTACAACCCTACAAGCGGGTAA  
TTCGTATTCAATTAGAAATGCAAAGGATATGGCTTTATCAGAAAGCTACTACTAGTT  
TAGGAATTGCAATTGCGCCTCGCTTCATCAACTATTGGGAGTTGAAGCTGACGATT  
TCTGATAGGCGTCAATGCTGCCAGGCATTGAAATCCTGACGGTAAGACTGATT  
CTTACTTAGGTTCAAGGGCTGATCGCACAGCCTGCCAGTCTCGCGCTTCATTGA  
ATCCCACATTGATACTCCAACCGCCTTGGTGTGACGGTCGACCAACAAATAGT  
GGACGAAGGTATTGGAGAAGAAAGCCTGACACCCACGGGAAGTCCCGACGCCGC  
CGTGAAGATAAAAATTGCTCCATCGATAGATTCCACACGTATGCACATCTACTG  
CGAATTGATTTCACTCTGCCGTGGTGAATGGCTCAAAGAGCTGCTAAGGTGCA  
TAGGGATCATTCTCTGGCTCGGTCCACAAGGCTATTGACGCAAAAGGCAT  
GTCGCAAGCGTAGCTCTATTGCCGTGCAAGAACTGCTACAGGCGTAGGGAGCC  
CTATCGGCATGAGTCATGCCCTGAGTAAACGCCGTAGATAATCTGCTCAGGCC  
AAGACTTCAAATGGCGTTCGCGTCAGCTCGCCATGCAGCAAAGAAGCCGTGCAC  
GCCAGCAACCTCTGGGCAGCATCTCTAACAGAAACTACTGCTAGCTCCATCATGTC  
CATTAGCGCTCGATGCAAAGTATGTATCGATGCATTGCCGGCAAAGGGCACCTCTG  
TTTGAAAAGTCAAAATTAGCGATACTGAGCAATATCGCTAGCCTCTGCC  
CAACATGGTGANGGCTTGATAAAACGGGCATCTGACATCTCTGCC  
CACCAGAAACGATCAAGCCCTGACGCACTGCCCTAGCATTGTTAAGTT  
CAGCGGCACGGACGGTGCTGAGCCTCGGTGCTTAGCTTGGGGTCAAATGAT  
GCCCTCTAGCTCGTCCCAAAGCCATGGAAGTGCTCATTCTGACCTTCAAGTCCCC  
GGCAATCATGTTACTGCCAGTTAACGCTGAGCAAGCTTCCGAATAGTCC  
TTGCTGTTCATGAATCTCCTTGACTTTGCTCTGAGCATTATTCCAAATCATAT  
TGCTGACATAACGGATGCCAGTTCAATCAGCGCAGTACCTGATCGGGCGTCC  
CGTCGACCGGTGCGTAGAAGGGCAGTCAAGATAAAAGCAACAGGCTAGGATCAAGGG  
CGCCCCACAGCATGAAATTACTGCTTGCTGGCTAGCACAGTGACAGAGATGGCAGC  
GGCTGAAAAGCTGGGAAGATACCGACTTCCGAATATGCCGCCAAGAGCGAAA  
CTCTCCCGTCCACAATACCCAGCGATGTTATTGAAGCAGTCCATACTCAATGG  
TTAGCTGTCGAATTACCTAACCTCCTAAAAACTGGCGTCAGTCAAAGATCGT  
TTCTAACGTTCAAGTCAATCTTTTCGGTGTGCCAACGAATTG

GTAAAGCCAATACTGATAGTAGTAAAGTAAAGGAGTGAGATAATGATCAGAACCC  
CATTGTAACATGCAATAACACCGATCATTTAACGACCGGGCGCACCCGGCCGTAAC  
GATACCAACCTGCAAAACATAGAAACACGAGAATTGTGATCACG

>CONTIG\_143\_length\_3433\_cov\_236.599516

TCTCATCATTGAGGATGCCAGCGCCGTATATAACGACACCGTCTGCCGAACCGG  
TCGGCCCCGGTCACCAATACCATGCCGTAGGGCTGTGGATCGCATCCAAAAACAGCT  
TCTGCTGATCCGCCTCGTAGCCCAGCTTCGATCCCCAGCTTGGCCGACTGGCGTC  
CAGGATACGCAGCACCACCTCTGCCGAACAAGGTGGCAAGGTGCTCACACGGA  
AGTCGATCTGCTTGGCTTGGACAGGTTGAGCTTGATGCCCGTCTGGCACCC  
GCTTCTCGCGATATCCAGCTGCGACATCACCTCAAGCGCGCCGATGCGCTGGC  
TCAGCTTCACC GGCGCCTGGCACATTCTCAACAACCCATCGATGCGCAAGCGCA  
CTCGGTAAATCGTCTTCATACGGCTCGAAATGGATGTCGGAGGCTCCCGCCGGATCG  
CATCCACCAGCACCTGTTGACGAACCTCACCAACCGCGTGTGCGCCCTGGCAT  
CGACCCCCGGAAATCCCCCGGCCATGTCCTCGTCCCCGGCCGACACGTCCAGGT  
CACCCATTCTCGTCATCGTACCCATTGACGAGCAAACGAAGCGCTATTGGCCT  
GCCATTGCTCCAATGTGCGACGAATCTGATCTTCATCGACCAAATCGGCTCGACAA  
CCAGATTGGTGTGGAACCTGATGTCGTCCAGCGCACGCGTCTGGGTCGGGTTGCTCA  
CCCCCACGAACAACCGATTGCCCGCTTGAACAGCGGACGACCTGGTATTCTGAA  
GCAACTCCTCACTGACCAGCTTGATCGCATTGGCTAGCATCGAAAGACGACACAT  
CCAACAAACGGCATGCCAAATTCAACGGCATTGCTGCGCAAGCTGCGCACTGCTA  
ACCAACTTCTCTCAGCAAACCAATTGAGGCAACGGGATTGGCAAGAGTTGCCTGC  
TCCATGGCCGACCGAGCAACCGTCTTCTAAAGCCCCATCCTGAACCAAGCGACGA  
GCAATACCGGTTATGCCAACAAAGGTTGACTGAGCTGAAAGCATTCACTCACACC  
TCTCTAAATTCACTCACAACAGTATTAAATGTTTTCGAATCATTGCTAATCAGAAA  
TCCCCGGAAAGAACCTCAAATATCGATGCTCGAATAATCACTAACGAATCAAGTACC  
GGCAGAAAATAGATGGAATTCTAGCTCAAATAGCAATAAAAATCATTACAACCCA  
TACAAGCAAGGGGAGAGCCGCAAGACTCTCCCTTATCTCAACTAGGCAACAATGT  
CACAGAGCCGAATTGTTAGGTACCGCGACAGGTAGCAGGACGATACTCACATCGA  
TGGTACCAGCACACACCCAGGAGACCTGACCGTTGGCTGCCTAGTACCAAGTAAGT  
GTGATTGTTCCAGTAGGAGTACTGCCACCCAAATCCTGGCGGTTGCAGTGATGACA  
CCCGTCGTTGTACCACCCACATAGGCACACTGCCACATACTGGATGCCGTGTC  
TCGACAGTAAAGGTGGCGGGCATATTAGTAGCAGGTTGCTGGCTGCAGCAGCTTC  
CGAAACTGCCGTACGTGCCGAAGACGCGGCCAGCATCACTCCGAAACCGCGCGCCT  
TGACCAGGTAATCCTGATAAGCCGGCAGTGCATGGCAGCCAGAATTGCGATGATC  
GCAACCACAATCATCAATTGATCAGGGTAAACCTTGGCTTCTCATGAGTACA  
TCCCCCTAGAGGTTATGGAATTGCCGAATCTCCGGCTGGCACTCCGCGCGTCC  
AGGCAGGGCGTGTGTGCGAATTGATACATGCAGGTTGATGCCAACCATCAATGAC  
CAGCTCGTTCTCGTCCCCGGAAACAGATGATGCCAGGCATTCACTGAGATGGAAGCAC  
ACTTTTTGCAACTGCGACGGAGCAGACCATGTGACGCCGGCAGGTACATTGACCC

ACTAAGCGCGGCCCATAGGTCAATGAGCGTCCAGCAAATCACAGGATGTCCTCAT  
CAGCCAAACACGCTACCACATCAACGCAAATTCGGCCTGGGATGGCGAAGGGAG  
CCCAACATGTCAGTCGCGCTAGGCCATCAAGAACGCAACCGGCGACCGAACAC  
TAGCATGCTGCAGACCTCGTTGGAGAGCTGACAAGCGTGGCGTAAGATGA  
AGGGAGAGCAGACAGCCGCAACGCCAATATGTTGCGAGCAGAGCTGCGCCGTCAG  
GGCATCGTGCCTCAGCATGGTAAGCAAAAGCCAAAGCCCCTGTCGGAGCGCGGG  
CAAGAAAATTACCGCAAAGACATTGCGTTCTCAGCCGTAGATGGCGACGATGA  
TGAAGTCAGGCAGCCATCGTCAGTTCTGGAGATCATGGCGAGGGACACAAG  
AACCCACGCATGAAGAACATGGTCGGCCAGGTAGGACTGACATTGAGGGCGGATC  
CTCGCTCTACGAGTCCATCAGCAAACATCCCCTCAGTTGACGAGCTTACCGCAA  
TCTTGTCCCGCGGGCGAAGGTGCCGGTATTGGAGACAGTCCTAGATACGGTCGC  
CACGTACAAAGAGAACATTGAAGGCCCTAAGGGCAAGATCAAAAAGGCAATGTTCT  
ACCCCTGCCATGGTGGTGCCGTGGCAATCGTTGTAAGTGCAGTTGCTTATCTCGT  
GGTACCTCAGTCGAAGAGGTATTCAAGAATTTCGGCGCTGAACCTACCGGCATTAC  
TCAGCTCTCGTCAATGCCTCGCGCTTATGGTCAGCTATTGGTGGTGATGCTGATG  
ATGACAGTTGGATCTATCGTTGGCTCATCTTGCCCTACAAACGTTCTCCACGGATGC  
AGCATGCACTTGATCGGTTGATCCTCAAGGTCCCCGTGATTGGCAGATCATGCACA  
ACAGCGCAATTGCACGTTGCACGCACACTGCCGTAACTCAAGGCCGGCGTAC  
CTCTCGTCAAGGCACCTGGGATCGTGCAGGTGCCACCGGAACAAAGGTCTACGAA  
GAGGCCGTACTGCCGATGCGCACGACGTATCGGTGGCTATCCGGTAACATGGC  
GATGAAACAAGTAATCTGTTCCGCACATGGTGGTGAGATGACCGCAATTGGCG  
AAGAACGAGCGCTTGGACACGATGCTGTTCAAGGTAGCTGACTACTCGAGGAG  
GAAGTCAACAAACGCCGTGGACCGCCTCAGCAGCCTGCTGAACCAACTGATCATGGT  
GTTCATGGTACCATCGTGGCGCATGGTACGGCATGTATCTCCGATCTCAA  
ACTCGGCGCAGTGGTTGGATAAGACGTAATGGCATTCTCGACCAGCATCCGGTCT  
CGGCTTCCCGCCGGCGACTGGGACTG

>CONTIG\_144\_length\_3429\_cov\_10.322532

GTGCACGGGCCTGCTCAATGCTCAGTTAAATGTAGATAAATCCGAGCATTGCT  
TGATTGGCATCTGATATATCGAGATAGCATCCAGCAGTGTGCTGTTGAAGC  
TTCTCTGTCGCTCCGATCGGAGGCCATCTGACCGGAGGCCTGCGGCATGCGC  
CCAGCTCTCTCGATTAGCCCTAACGCACAAGTGAGTTCACCCGGCTGCGCG  
GGTTGGCTGTAGCTGTTGAAATTAGGGATCCATTAGCTGGCCGCTTATTGG  
CCGGGGACGTCCAGACGTGAATCGTCATGTAGGTACGGCGCAGCCGGCGCGGG  
GGGGGCAACGACCGACAGCCTGACGCCATAATGTTCAAATGTGCTGCCATGACC  
CTGATGCATGCAACTCAATGGCGTGTGTCAGACGCATGCCGAAGAACGAG  
ATGGCAACGACTGGAGGAGATACATGTCGATACTGCAGGAAATACTGGGCTGGACC  
CAGGGGCTGGCCACATGGCAAAGCGACGCCGGTGCACGTTGTTGGCCAAGCAGAC  
GCTGACAGTTGAGGATCAGGACGATTGTTGCGCTGCTCAAGACGGCATACGGC  
CCCTGACCCCCAGAACCGCAAGCCAAACCACTCACGGCGATCAGATCCCGTGC

CCGTCAAGGCGACGCACGTTGAAC TGCGGCCATGAAGAACATGCGCACGTC  
AACCGCATCGCGAGCACCAGCATCTGCCATTGGCGGGAAATCCGGTACTCGCGCTGCTCAAGCGGGCCT  
GCCGTGCACGCGACCAGGGAGAATCCATACATCAAATGCCAATCTGCCGGTCGGC  
AAGGCTGGCGCTCCGGAGGCTGCCCTCGAGATTGCCTAGACGGCGTTGCTAAGGA  
TGC GCACTGGATCCATGGAAAGGCTGCCTCCCAGTTGTCGTCTGCCATCTT  
CGATT CGCGCTCGCGCGTGCCTACCTAGACAACGAAGACGACTTTCTACGTACC  
CTATGGGCTGGACGTGTTGAAGGACTGGCGAAGATCTGCAAGCAGTTGAAGACTT  
CGATCGAAACCGAGCTGCGCAGTTGATCGCATCGCTGTCTGCCAAGACGACTACT  
GCTCAGGTCGATCGCCTGCTACGCTCACACCTGAAGAACTGACCCAGCACGTCGA  
TTCGACAAGAGCCTGAAAGAGAACAAACCGAAGGAGAAAGCAATCCAGTTGCGCCT  
GCGCGCTCGTCGCGTGTGGCCATCGCGACGAATGCCACGAACAAGGGCGCTGG  
TGGATT CAGTGGTCGCCAAGCTGCGCAGCTGGCGACAGTTACCGCACGGCG  
CAGGCAGGCAGCCCGCTCGCGAAGCAGTTAAGGAAGGCGAGAACCTGCTGCC  
AGGCACCGCGGGCGAGGTCTGGCGTAAC TCTCGATGCTGCCCGCAAGTTGCGGG  
TCGAGTCTCACCCGATAATCGCTTCCCCGATCTGGCGCTGAAGCACCCTGCCAC  
TGTGTAGCAACCTCTCGCGAAGGCGCGCTCGCATGCTGCGCTCGAGTCCTTCA  
TCCAGCAGGAGGCCGAGAAAACATCCCAGGCGCGCCGTACAGCGCTGTACGCCGAA  
TACAAGCCGTTCATCGCGATGTCATGACGTTGAGTCTTGACGATGTGACCCATAGC  
GAAATCGAAGTCCTGGATCCACAGCTTGGCGTGACGCCAAAGCATTGAGACATT  
GTTGACTGCTGCCAGGAAGCCATCAAGGCAGCGGTGCTGCGACAAGTGGGACG  
GCATCGATCAGCCCTGGTCACCCGGCTCGCGGCTCCAGGCCTGGCCGACAAG  
CTGCACACCGAGGCCGAGACGTTGGAGAAAGCGTCGGATGAGAAGGCGCGCG  
CACTTAAAAGCAGTTGGCGAACTCGATGCGCGTGTACGGCTGAGCCAGGTCAAG  
GACGCCGTGGTCACAGCGGTGAAAAACTCAACCATCAGGCAGAACCTCGCGAAGTG  
TCTTCGGCCGTCAAGACCAACGCCATCTCGCTGAAGGCCCTGGAGTTGGCGGAAA  
AGGTGGTTCCAAGGAACTGGCGAAGCATTGAACCGCGAATTCAAGGCCTGGGG  
GTCGGTACGCTCGTGTTCGCTTCAGAGTCGTGCCACAGAGGCAAGGCCCTGCAC  
AAGCTCAAACCTCGAACTACCGCAGAGCCGAAGCCCCGGCGACATCTGAGCGAGGG  
CGAGCAACCGCGCTGTGGCAATCGCTGCCCTGGCGAAGTCGGACTGAGCGGCA  
GCAAGGGCGGCATCGTGTTCGACGATCCGGTGTCTCACTCGATCATCGCGGG  
AACCGCTGGCAAAGCGCTTGGCGTCGAAGCTGCGCAGGCCAAGTGAATCGTTTC  
ACGCACGACATCTATTCCCTTGCTTCTCGCAGAGGAGGCAAAGCTGGCGGTACG  
CCGATTGCCACGCAGAGCTGACTCGACGTGCTGAGGGATTGGGGTTGCCGATCCG  
GAGCTGCCGTTGAAGGAAAGAATGTCAGCAAGCGGATGGCGTTTGAAGGTTCA  
GCACCAGGCCATCGCAAACACACAAGGACGGCGAAGAGCAAGAACACCGGAGG  
CAGACCGTCGATGCATATTCGGTTGCGCATGGCGTGGAGCGCCGTCGAGGA  
GGTGCCTGCTCGCGGAGTCATCCTGCGTTCCGCAAAGGCCTGGAAACGCAGCGAC  
TGGCAGGTGTCGTCGAAGACGGTGATTACCGCAAGTGAACGCAGGCATGACG

AAGTGCTCGAACTACGCGCATGACAAGGCAC TTCTGGGGGTGTTGCCATCCCTGAC  
CCCGACGAACTGCTCGACATCATGGCGCTGGAAACGTGGCGCGTGCAGATTGA  
TAAACGCAGCGTTGAGATATCCAAGAACATCGCAAGGTTGCTCCGGTCGTTGCGCCGCC  
TGCATGCCGTTAGATTTCTGCCACAAGCGGCCACGCTGCCGGCAGGACG  
GGCTCAAGACCTTGCAGGCCAGGCCAGGCCCCGTGCTGGAGCCGCCGCTGCTGGTTGCAA  
GGCGGCCAGGCCAGGCCCCGTGCTGGAGCCGCCGCTGCTGGTTGCAA  
ACGGCGTTACTGTAGTGGCCTGTGGCAGGGACTGTGCTCTGCGTCCGTTGCGACGA  
CGCGGATGGCAGTCCTGAACCTGATGGAAGTCCTGGACGAATTGTCAG  
GGCGAAAAACAAGGCTAGAATTCAAGGCCCTCGCTAACGACCGAGGCGAA

>CONTIG\_145\_length\_3427\_cov\_16.011818

GAAGATCTCCCAGCGAGTCTGCTGCGCTTGCCCAGGCCCTCAGCGTACCGAACGT  
CAGTTGCATGGATCACTCCTAACATGGGGTAGTGTGCGCTTATCTGCGGTGCGTTG  
TTCAGAGGTTCTAACAGGAATTGCTCCGATCTTCTGCCGTCTTATGCGACGCCG  
GCTAGATACACTGGCGAAAGGAAGCGTTGGCAAGGTCTTGTGAGGGCCGCAC  
TATGCCGTAAAAGCATCAATACGCCCTGAAGCCCGCATGCCGCTACGCCGAGC  
ACTTCGCTCGCGAGTGCACGATGCGTATGTATCGCGTCATCAGGTACGAAGCGTGC  
ACACCGGCCGAGCGCCCGGAAGTAATGGCCTCTGGGCCATTCCCCGGCTCATA  
GCAATTCTGGTCAATCTGCGATAGTTGTGCCGCGATAACGTTCTG  
GTTCAACGGTATCGGGATTGCAGGGATCACAGCGCTGTAATTCTTTATAGACC  
AGCCTCAAAGCGTTCTGGCCGCTGTGATTCACTGCGGATACGAGCCCCCTCTT  
GGCGTCGCCTACATCCCCGGTGCCGTAAAGGATGCCAACCGCGTGTCCACGCC  
GCTGGACGAGTGTCCGCCGGCATCGCTCCAATCCCTCAGGATTGCTGATCGAGT  
CTCCTGCCAACCGCGCGTTGAGTGAAGAACCTGCCGAACTCTGCATAGGGCAC  
CGACGTTGATGAATTGAGTTCGGCAGAAAACGCCAACGGATAAGATAAGGTTGCG  
TCTCTCTAGCGGCATACCAGCCAGAAGATAGAGCGCGAACGCACTTACCGTC  
AACCTAGGGTGCAGCGATTACGAGGTTCTAGTCATGAAGGATCGCTCGATTCA  
GTGAGGGCAGCCTGACGTTCTGAATGTTAGCCAAGACTCTATTGCGCTCTCGTCA  
GCCTGAGTACAGATCCATGGCCCGACGTCCGGTCATCCCTCGTTCTGGTCAAGC  
GAATAGAAGGACAGCCAACGCTCGTAGACTCCAAATGTGCTGCCAAACTCCGG  
CTCGTCGCCGGTTGAGTAGCGCGTAAAGCAGCCACTCTTGCTGGCGATGTGCTC  
TGGAGACAGGTATACATTTCAGCGGCTTGAGGAAAGCTACCGGGGACGATTTC  
TAGCACGGCGAAGCGTCGGCCTGGCTGTTGGAAAGATTCTGCGACTGATACGAATT  
TTCGATCAGCGCGAACGTATCTGGGGCTCGTTCATCTTCAAGGCAAGCAATCTG  
CGTTGCGAGCAAGATAACCTCGGCCGTTCATCAAGTGCCTGATCGGTTCCAGTAT  
TGTCGCTAGCTTCTCGCGGGTCGCGTTGCGCAACTCGCGTTCAAGTTGGCCG  
ACAAGGTTAGAGCGCGAGTGCCAGGTTGAGACCATCGAGTTTATCTCATACTGTGAA  
GCGCTTCCTTCACCGAGGGAGAAGAACCGGCTCGATGCAACAGCTCGAGTTGTGCT  
TCTTGGACGGCATCGAACAGCCTAACATCATCCGTTCTGCGCATTGCGCTCGAGCC  
AATACCTTAGCCCGAGGTCTTCAAAAGGTCGGCGAATGCGGGCGCCGAAACTGT

AGCCGCCCGTGTGCTCCATTCTGCGATATGCTCAAAGAGCAGCCGCCGACGCT  
TAGCTCATCCAAAAGCTCGATGGCCTTGCTCAATCAGCTAATAGCGATGCCAAG  
AAGTCGGGGATTCCGAACGGATTGAGAACCTCAATCCTGGTGTGGAGAAGTCGA  
TGCCGCGACTGCCAATATCTGTTCACGTATTGATGGACCACCGCCAGCGTGA  
TCGTCTTACTGCACAAATAGCGTTTTGAGATACTGCCAGTGCTGCGTACGGG  
TGGTTACCACCAGGCAGCCGCCAGTTCAAGCGTATCGCGCGCATCGAGCC  
AACGCCCCAGTCGATTGAGCGGTTGGTGAAGCCCATCCGCTATGAGGGTTACGC  
GGACGGAGCTGCCGGAAATGTTCGTGCCTCAATCTTGAAGCGGCCGCCAGCGC  
GCGACCACTGCGGTGTAACATTCCATCTGCTGATAGATCAGTTGCGAATTAGG  
AAGTCATCGAAGTCTTCTGCATCATCTCCGGTCAAATCGTCGGCAGGACACAGGATG  
AGAAGTATTGGGATTGGACAGATTCCAGCTCTGGACAGCCAGGATTTCCG  
ACTCCCTCTCACCGACAATTGCGTAGATTGCTTCTGGAGCTCCGGAGAACATGCCT  
TTGTAAGAAGCGCACGCTCAGGTCGGTCAGTGGCGAAGGGCCGGACGGATCAAAT  
GGGGAGAGCGGTTGGCCGAGCTCGCGCGCCTGCACTTGCTGTGAACAAACCG  
GCCAGCCATTCTGGTTGAGCGTCTGGCATGGCCAATCCAACGTCTGTGACGAG  
TGATTTCAGTGCAATCAGCCTGAGGGATAATCCCCGTGTTTCAAAGTGGTC  
GATTGCTTGATAGCGGGTGCATAAGGCCGATCCAAGCTTCCGGTGAAGTCCTG  
TTCGATAATTGCTTGAGGATTGAAACCTGCCAACAGTGGCGACGAGCAGGCC  
GAGATCGTATTGACCAGTCCAATAGCGGAAGCCGAAGCGTTCTGGCGAAA  
ATTCCGCCGTCTCGACTGTTGGATGCCACCTCGCATGTTGCTCCGAGTATCCA  
GAGATCCACCACGCCGGTGTCACTCGAACGTCGAAAAGCTTGTGAAATATC  
GTTCTCGAAAGGCCTCTTGATGCGTTGCCCTCGAAATATGTTGCCCCGATCG  
AACGCCGAATGCCGTCTCGACCTCGCTGTACCTGACTTGCAGACGGAAAGAT  
TGTCTGTGATTCAACCAGTACGACTCCGAGTAACCCCTCAAATCCTCTGGCCTG  
AAGGGTCAGGGCTAAAGGGCTTGTAGAGCCTCGCGTGGTTATCTACTG  
TGTTCATGCTGGAGTGACGGTTCCACAAGTGTGCAAGCCGATGGGAGTTAGCGGGC  
GTAGCTTGTCAAGGTGAACGCCCTGCTTCACCTCTGGCCAGGTTCGGAAGAATAAA  
GGTGTGGTTGCAGAACGACAACCTTCCGGACCTCCGCTTTAAAAGCAGCGAAT  
GCCTCCTACTGGCCGATTCTGCCGCTCAGGGTCGGCCCGCGCCTGGTCAAACCG  
ATGCAAACGACTGGTCAAGTCGAATGAAAAGGCTGGTCAAGTCCATGCAATTACT  
CACAGTAAAGCGAAAAGTCATCCGCTATGCTGCGGTGAAAGCCCATTACTCGT  
GGCCGAATATC

>CONTIG\_146\_length\_3360\_cov\_139.920507

CACCAAGTGCATGCCAGATCCAAGGCAGTCTGAGATCTGGACATGCGTGCC  
GTTCTGTAGCGGCTGATGCGAGCCTGAGCGATGCGACTCTCAAATCCAAGAGCGAC  
ACCCAAGTCTGTTGCACAAGGCCAATTGCTAGGCGGCCGCTTAAGCCGCGCAG  
CGAACACGACAGGATGTCAGGTTGGGGATGCTCATCCCTACAAGGATGAACGTG  
AGTTACGCGCCTGCAAAAATTGTTGAACGAATCATTGTTGAACGCATACTGACG  
TTGCCCGGCACGCTGTCAACTGCAACGGGCCGACGCCTGAGGCAGGCCATGCCGG

CCTTAAACGGCTATGCATCTGTGCCAATCCGTTGCTCTCGCTTATCCAAGGATT CCT  
ATGTCCAAAGCTCGCTTGCCATCATGGCACGGT GATCGTCTCTAGTGGCTTGCT  
CTGGCGCGGCCCCGCTGAGACTGAGCGGGAGCAGTGTCTTTGCAGTTCGTCAAAG  
CGAACAGCAACGAAGAGGCGCGATCGAAGACTCGAGAGTAACCAGTCACGAA  
GGCGGAAGGTGCGCCAGCTACACCTGTGACGTAAGTGCCAAGGTTGAAGCCATGG  
AGCGGGACTTGGTCATCAAATGGATGGGCTACACCTCACCAAGGTGGCGGC  
ACTTGGAAAGATCACCGGCCGCTCCAATAGCCATCCGTCGCAATCAACGATGGTCC  
CATTCTGTTCTCAGGAGTTCACATGACCGTTAGCACGTTCTCATCTTGCTTGTCC  
GGCACGGCGGTGCTGGTCGATTGCCGTCAATCGGGCTGACCGATTGCGCAACCA  
GCGGGAGGTCTTGGTCGGAGTTGATCGCTCGTATTTGGCGACAAGGAGCTT  
GGCGATCTGATTGAGCGGTGCGGGTTGAAGATCGTGTGGCAGGACAGTGAAGA  
TCTACCCGTTGATGGATGTTGCTCCTGGGAGAAAGCACTGGCACAACACTCAAGGCGGG  
AAGGAACGATCACGGTCAGCGTCAGAGATGTGGATCATCCAGTCTGGACGATCAAG  
TTCGGCAGCGAGCGAGATGAACCAGTGGTATGAGATCTGAATCAGGCGATCAA  
TGAGGGCGAGAAGCTCTGACCGCTCGTTGCGAGGGGGCGTTGACGAAGATCCG  
CTTGCTGCTACGAATCGAGTGCATCAGCCACTGGATTCTCGCCATGCCTCCTCC  
TCAGTCAGCAAGCCTATCTTGACCAAGAACATCAACTCCGCCAAGCCCAG  
TTGAAGGCTGGATCGCCAACAGCATGCGGCTGGCTTGACGACATGG  
CCGACGCCCTCAATCGTATCTGATGGCGCTTCGATCTGCCTGGATTGCTGACAG  
AGCTCGTCTCCCTACTTGAAGTCTGAGTCTGCCAACGGATGCCGATGATAGGTAT  
TTTCGCCAGCGAAGTCTCATCAGCTGAAGTGTCCATGCCTGGCTGGCTCTCG  
CTGGGCCTGTTCCGCCGTGGCCATCCGGCACGCTCAACAGTCGCCCTTGGCG  
GTAGCGGGACAGAAGCTGCTCGAACGCTTGGACAAAGATCCGCTGCC  
TCGCATGCCCTCTAACGCGTCCGCAAGGGCGATGCTCAACCCTTACCGATGCC  
GGCCTGTTCAAGGTGTGCATTGATCCGATCAGCGATCATGGCGGGATCCACTGGAT  
CTCAGCCAGGCCATTGATGCGCCATCGAGCACCCGCGTCTGGGTCAAGCCAGA  
GGCTTGCATGCCCTGGTGTGCAAGCAGATGGCGTAGAAGTAGCGAGGATCAT  
CTTGGTCGGCGATGGTACTCGCTTGCAAGGGAAAGCCATATCGCTCAATCAGGC  
GATGTGCGATATCCAGGGTCAGGTCCCAGCGCTTGGGTCAAGTTCGTGCGGTA  
GCGCGATGGTGAAGTTGGCACACGGTGTGCTGAGCGTCGCTGCGGCTTCTG  
CAGCGGCCAAAGTGTGCTGCCGTGGCATCGGCCATGCTGGCGAACAGGTGGCGCC  
AGGCAACCGATTGGATGATGCCCTACCCGGTAGTCGTGGCGAGCGTCCGA  
CTTGGGATCGGTGAGCAAGTAGCCGCCGATAGGCCGAGCTGCGATTGCGAGAGT  
GCCCTTGCTGGCTGTAAGTTGATGCCGTGGTGTGATGGATGCCATGTGCATT  
CTGAGTCAATGTTATTGGTGTGACTCAAGATTGCGAAGCGAAAGGGCTAAAAAC  
GCTTATTTTGGGTTCTGCCTATTGGAATTACCGCGAACTCCGGTCGACT  
TCGAAAAGCTGCCCAAGGCTCACGAAAGGTTGCAGCGGATGATAAGCTCAGCACT  
CCACTTGCACCCGCTCACTGCTCCATGAGGTGCCTGCCAATGAACTGCCCTT  
TATGCCGAAGGCAAAGTGTGCGATGCCCAACCGGTCCGGAATGCCACCGACCA  
GCACGACACCTGAGGGTGTACCGACAAACGAGGCCGTTCCAAGGTTGGTGTCCC

GGCACAGCTCCATGGGCACGGCGCAACCAAGCAAATGGCTAGCCAGCGTCAG  
GCAAGGCGCATACCTTGGACCACCTGAAGACCGTCCGACACGATCTCCTGCAG  
CATCACGAAACATGGGTGGATCACCAGGATCCGTTATCGACGAGCAGAG  
CCCAAGCTTCCCAGAAACAAAAAAATGCTCCAGGTGAAAGATCCTGCAGGATCCTC  
TCTGCAAATGCTCTGCAGGAAAAGTCATCGTGCACCTCGACTTGAACTGATGGGA  
TCAGCTATTCCAACGACGACGCAGGAGCACAACCAAGTCTCGACCATGCGCTGCG  
CATCCATGGATAGCGATTGCCTAACTCGATGGGCCGGTGAAAGGAGCACGGGGCT  
TGGTGCTCACCTGCCGTAAGGCACCTGCATGTTGTTGGACTGGCCTCGTGC  
GCGCGGGTCATCCAAGCACCAGCATGCTCTCCAACAATCGCACCGCAGGAACGAC  
ATGGCTAAGCCGTTCGGTTGGATCAATATGAGCCAGGAGCCAAGAGGCGTAGCTGA  
TCGCAGCTTCCAGCTTCCGGCATCTTCTTACGACGACCGATAGCCCCATAC  
CGCGCCCTGGTGACCGTAAGCGTCGATAGGAAGCCTAGGCCTTTTGAAACGAGTT  
CCAAGCGGCGTTCAGTCGCTCGATGAGAGACCGCTGACGCTCGATATGCTGCGC  
CCTTCCGAAGACGCACGAT

>CONTIG\_147\_length\_3359\_cov\_4.760520

GTCCCAGCACGTCGGAGCTCATCGACCAAGAGCCGGAGTAAGCGAGCTCGAGC  
GTCGGCCGCTGGTCAGCGTACCCGATGGCGTGGTCTGGCGCTCCCTACAGCGGTCA  
CCGTGGCGATCCGCAACGGGTATCGACCTCGTGCCTGGCACCCGTAGGTAGGG  
CACTTCGACGGTCACTACGCGCGGGCACTGTCGAACGCTATCGCGGACACGACGTT  
GCTGGGGTTGAAATCAGGCTGCCGGTGCCTGGCACCCAACCGAGGGAGGCGCGC  
TCGCCGGAGTCGTCGTTCCCTCGACCGTGGCCATTCTCGTACTCCACTTGTGCT  
GCCGTCCGTGGAATCGCATGAGCTGGCTGGTTCAAGCGTCCCATCGACATCCATCC  
GACGCTGCAGAAGGCCCTCAACTACTCAATCAGTCCAATACCCAGCAACTCGAGA  
GTCAGGACGACTCCGGGTGACGCCCTGACGACGCGCGTGGCGTGGCGAGGCGAT  
GTCGGTGGCTGACCTCGTCCGCCAGCAGCGTGGAAAGACCTGTCGATCCAGCGTCT  
GTGGCGCCTGTCTCCGCCAGAAGGGCGCTGGTAGACGCCGGCGTCGAGTTGATGA  
ACGTCAACGGCGTGCTAACCTCTCGCCTGGATGCAGGAGAACGACGGGCACCTG  
GTCCCGCACGGCGACCTCGACGATGGCGCATACCCGGAGCAGCGGCTGATGGT  
GTCCCTGCCGCTGAACCTGCTCCGGATCTCCGGCAGATGCCATGGAAACGTCGA  
CGCTCACGTCGGCTCGATCCGCCAGCGAACCCATCATCTGCACCGGGCGATCG  
CGGCTTACTGTTCTCCCATCCCGCAGCCAGCGGGCTTACGCATGCACCGAGTGC  
CCGGTCCGGCACGTTGTTGCCGCTGCCAGGGCGCACGACGCGTGTGGCTCCGTG  
CGATTCACCGGGCGTGTCTCGCGCGATACCGAGTTCCGGCTCTGGACATGGTCGG  
CCGTTGGGGTGCCTCGGCGAGCGCTCGAGGACGGCACCGACATCGAAGGTG  
CGGTGGAGATCACCATCGCATTGAGGACGTCAGTCAGAACTGGACGCGTGTGGAC  
GCTCAGATTCCGACCGATCCGCTCGAGGCTCCTGCAGGGTTCAATGCATGGAGGG  
GCCGTACCGTACACGCAGCACGCCGGTCCATGGAGGGAACCGACCAA  
CGCCGGCGAGCGCGCTGGTACCGCGATCCTCCAGGGTTTCGGATCCACTA

CGTCGAATACTCCGAAGCTGAAGTCGACGGGCTCGTGGCGTCGCTTCTGCCAACGA  
GACGGGTCGGCACTTCCACGTTCTCCACGCGCAGGATTCACCGATTCTCGCCGGGA  
TGCCTGCCGGCGAGGTCTTGGGAATCGACGAGATCGAGAGCGCGACGCAGCGCA  
TCGGGCTAGGCTGGTCAGTCCATGACGGCGATAACAACGTCGAGGGCGCGGAAGCC  
TGCCTCGGACTGCTGAATCGCTGGTCACGCGCAGGTGGCGACCTGACAAGCCG  
CCTTGGTGAGCTCGATCGAACCGCGTTGGTAACGGCTCTGCTCAACCACGAAGC  
CGCCCATGTCCGGGAGCTGCAGTGGCAACGGACGTCGGCGGCGGTCTGGCCTGC  
ATGGCGATTGCAAGACGTGCGCATGCCGTGGTGGCAACTTCCAAGTTGGCCG  
GGGCCGCGATCACCAGCCGCGTTCTTGGTAACATGCCGCTGCGAGGCACCGCTCA  
CCGGTGGCGCCTGCCGGATGACTTGCAAATTCAAGGCCTGCTAGCCCAGGTGAG  
CTCGTACCCGGTTGGCGGACTGTCGGACGGAATCCACTACGGGTATTGCGGCC  
ACACCTGCGCGTGTCCCGCCTCGGCGACATCCTCCCGCGATGAGTTGGCGCGA  
AGTCGTGGCCCTATGCTCAGCCAGGCCGTGGCAGCAACTACGTCGACTCGGCC  
GCGGCTTCCCGCCACTACGGACCCCAAGAGGGGTGTCGACCGCACGGAACACCTC  
CTGGACTCTGAGTTCCCTGGAAGCCTGGCAGGGGAAATGGGCTCGCGTTGATGA  
GGCACGCCACCTCTCGACGCGATCGAGGACTACGCGATCAAGCGTCGTGCCCCGA  
CCTTGCAAATCAGGCACGGCGAGCTCGTTGCGCTTAGCTAGCCGATGCGACGCGG  
CGACCGCCGAGAGATTATCGATCAGCTCCTCTAGCTCGACGCCCTCGTGGCGC  
AGCCACCCCAAGGCTTCAGGTCGCGCAAATTCTCCTGGCGCTCGGGCGGCC  
TCTCGATCGTCACTCGCCGATCGTCAGATGAACGACGACGATGATGCCCTGTATA  
TGCTCGCCCCCGTCTGGTCAGAAGCGCCTTTCTATCTTCTTCGCGGCCATTCA  
TGGCACCTGGACCAGAGCTTCCAGACCCCTGCGATGCGCACGCGTGGTGGGG  
AAAAGCCAACGAGGGACATACTTCAATGCCCTAGTCGCCGATCAGCTCGCGCG  
CGGGCTGGGAGGTCCGCCGGATCGAGCTGACGCCGTTCTCAATGCCAACGCTC  
GACCGTGAACCGGTATGTGGACGTCCTCGCCTGGTCCCCGGCGGAAGATGT  
CTTCGTCGTCAGTGCAAGGACTTGTGTTCGTCGGAACATTCCGAAATTGCA  
GCTGCTCGGACTACCAAGGCGCTTCAAGAATGGCAAGGCCGACAAGCTCAAGC  
GCCACTTGAATGCCGGTGGAGTGCCTGCCTCACCTGCCGCTGTCGCTCGCTTCA  
CGGGCGTCGCCGCCGAAGATCAGGTCGTGCCGCTCGTGGCCGCCCTCGTACCG  
ATGCAGTTCGCATCCATCCCGCGCTGGAAGGCACATTGTCGGCATTGGATCAG  
TTTGGGGCGCAGTTGCCAGTGCCGGTGTCCCGGTACCTGATCGAACTCCCTTAGG  
TCGCGCGGCCATCACGCGACGCGATCAGGGCGTAAGAATGCATGCCGGC  
GCTAGCAGCGAGCAATGCCGGCGTGTGCGGGCGTAGGGTTGGCTATCGCGCC  
GGAGGCCGCATGCCAACTGACCATCCGCTCGCAGGAACATTCTCGACCCGTC  
TGAACACCGCGTTCGTGTGATCGACCATCAATCGCAGATGGCGTTCGCGACCAAGTT  
GATCGACACCGTGATTTCGCAA

>CONTIG\_148\_length\_3268\_cov\_17.808978

GGGCGATTGGCAGGCCCAAGAGGCCAACGACGCGCTGCGTGCAGCCAG  
GCAGGGTGGGAAGCCGAGCGGCAGGAGGCCACTGAGCCAGCAGATGGCCG

ACGCCTACGAAGCCCAAGCGCTTGAGTTGGAAGCGGCCAAGCACGGATTACCGAG  
CTGGACACCGCCATGCAGCAGGCCCTCGGCCGAGTCGCCACCAGGCCGTTT  
GACCAGGTGCGACCGAGCTGATGGACTTACAGCAGCGTGCAAGCACCGCAGAGGC  
CCCGGCCAGCGAGCTACGCACCGAGCTGGATCGGCCGACCTGGCTGCCGAGC  
AGCGCAACGCTGCCGCCAGGCTCGCAGGACGCCAACCTACGGGTCGGCTG  
GCAGCGTTGAGTCGGTGGCACCTGCCGCCAAAGGCCGCCAGGCCAA  
GCCCGCGGGCGGCCAGCTAACGATGCATGCAGTCGTCAACCAAGCATGCT  
TGCATCTAAAGCAGCTGCATGCATGCATGTTGCTAAGGTATTGCACACTG  
CCTCAAGCAAGCGACTTCCACCAGGAGCGCAGTGCATGAAAACCATGCCATGCC  
GTCCAGAAGGGCGGCTCGGCAAGACAACGATCGGGTACCTCGCGGTGGCGC  
GCAGCAAGCCGGTCTCGCGTTGCGCTGGCCACCCGATCCGCAAGGCTCGCCA  
AGGGGTGGCTGAAACCCGCAAGCATTCCACGCTGAAGTGGTGGCATCACTTCTG  
CCAACGTTGGCGCAGCGTCCAGGCCAGCCGAGGAAGGCTATGACCTGTTGATC  
GTGGACACCCCCCGCATGCGTACGCCGATCGCGGCCGCTAGAGCATGCAGA  
TCTCGCCTGATGCCTGTGCGCCCGAGCCTGCTGGATCTGCCGCCGCC  
GATTGGCTATTGCAAGGCCAGCGCAAGCCGGGGCGTTCATCCTGTCCAGGCC  
GATCCGTGCCAGTGAGACACGGGAAGTGGAACGTGAGCTGGCAAGCACCG  
CGGTGTTGCAAACGGTACCATGATCGAACGCCAACCGCCGCCCTCGCATACG  
GCCAGGCCGTGGCGAATTGAGCCGGCGCAAGGCCGATTGAGATTGCG  
CTGTGGCGCGAAGTGCATACGCTACTCGCGCAACCAAAGGAACCCATGTATGAAC  
ACAGGACTCACCGCAAGCTGCCGCCCTGGACAAGACCAAGAGCCAACCGATAA  
GCCGGTGCAGCAGCACAGCGAATCCAAGCCCCAGGCCGCCGCCAGGCC  
GCACGGCCAAGAGCGGCCAACGGTCGGTACTCGCACGATCACGATCCGT  
CTGACCGACGATGACCTGCGCCGGCTTCCGAGTTCCGCTACACCCACA  
ATCCAAGACATCACCATCAAGGGCATCTCGATGTTCTCGCTCGATGGGT  
CCGCTGCGGCCATGTCCGACACCAGCGATTCCGGCGACGCCAGTAACG  
CGCATGCAACGCAGCTGCATGTTAGTTGACCGCATGTCGATGCAAGCTGC  
GCAGGCATGCATGCGTCAAGCTGCAGCTGCAAGCTGCAGCTGCA  
CATGCACGCATGCAAGCCGCTTGCATGCGTTCCGCAAGGGTGCATGCA  
AGCCGCTAAAGCAACTGCATGCAGTGGCGTGCATGCCAGGCTT  
GCAAAGCGTCAAGCATGCGTGCATGCAGGTCTGACGATGGCGCC  
AGGTTATTGAAGCCTCGCCAAGGGCTGGACGAACCGCGGATTCTGG  
GGCGCTGGGTGATCGCGAAGATGGCACCCGTCGCGCTCTGAGCTCG  
CTGGTGACCGGTTGCACTGATCTATGGGAGCAGAATGACTACGG  
TGGCGGGTTGTGCTGTGAGGCATTACCGCCGACCGAGCGGG  
GGCAGTGCAGCGCCGGATGCGCATTCTGGCCACATCACAGGCG  
CAACGCGGGTGC  
GCGCTATGTGGCTGGTTAGCCCTGAATCGGTAAAAATTGAC  
ACTCTAAATCGGC  
TAGAATTGGCGCGTATCGAACAGTTCCAGCGCATGCC  
ACTGGCGCGGTTGAAGGTTAGCGCAT  
TCTTAACCGCCGACGTGAGAGCCA  
AACTCCCCGCAAAGGCC  
GAGGTTAGCGGC  
AT GTCTGTGACACGAAAGAAGCT  
CATCAAAGGGCTAGCA  
CTCGGCCTAGGC  
CTAGCAG

TGATTGCCCGCACTGGATGGCAAGTGCAGCGGTCTGGCCTCGCTAGGTTCA  
CCGTAATTGCCAACCTTCGCCAAGCGTGGCGAAGGTCTGTACCTCCTGAATCGCA  
ATACGCATAGCGCAGAGCGGGGCATCTGGTCGCATTCTCCACATAATGCGGA  
GCGCGTTATGGCTTGAACCGGGCTGGATGAAGCCGGAAGTCTTACATCAAGCGT  
GTCGGTGCCTGGCGACACGGTGTGCGTAACAGCGAAGTCAGCATTGCAAC  
CCCAACGACCGCAGGGCACCCAGCCACCTATCGCGTGTGGTGCCTGCTGCCA  
CGGACCGAACAGGTGTGGCATTGCCTCACGTCTACAAGGCTGCACGCGGGTCCA  
GCGGGGCACATCTCACCATCGGTATGGTCTCGCTAACAGCTATGACGGCGCTAT  
TACGGGTTCGTCCGCTGCGTAATGCCGGGAGCATTACACCCTGTGGGCGCAA  
GCGTCTCGTAGGAGTCGATCATGAGTGACCTGATGTCAGTGATTCTCGCTGCTC  
CATCGGTGTGCATCCGAAACCGTGCAGCGATCATCAAGCATGAGAGTGGCGCA  
ATCCGTATGCCATCAACAACCAGGTCCGTAGCTCTACCCGACCCGGTTGACGATG  
CCCAGCGATCGCAGTCGAACAGGTGCCTGGCGTGCAGTACCGATATCGGGCTG  
ATGCAGATCAACTCACAGCATCTGCCAAGTTGGAGTGTCGCCGGTTGACCTACTA  
GACCCATGCACAAACATCCGATTGGCACCACCATTTGGCCCGGAACACTACGCCAG  
ACATGGGCCAAATATCGCGCCAAAAGCCTGCGCTGGCGCCTGTCGAT

>CONTIG\_149\_length\_3264\_cov\_38.388588

TCACCGATGAAATGATCGAATGCTCGTGGTCTATTGGCTGGCCACAACCGCCCTA  
CGCACGAAGTACTGTTCGCAATGACAAAGACATCGCCGGGAGTACGAGCGCGCC  
TTTCAGGGCATGACAGAGACGCCCTGCCGCTGGGTACTGCTGGAGACTCGTGC  
CGGCTCGGCAAGAATTGCCGCGCCTCTGAGGCCCACCGAGGTTCTGAGT  
GGATTGGCGAGGGGAGAGCCCAGTGCTGATTGCTGAGTGTGCGTACGTCGAACA  
GTTGCCAGCATTACGTTGAAAGCTACCAACCTAACCGACGTTCAAGCAGCGTC  
CTAGTGATTCGCGGCCAGGCCATGCCCTGGATGCTCGCTCGCTGCATCCAGGA  
CCTGAAGTTAGTCCGGCTGAAAGACCAACGCCAGATCAGCATGGCCGAGCGGGTAA  
AGGCTTTGGAGGCTAGGCATTGTGCTTGTCCGGCATCGCACGGTACCTGTC  
GATGCCAGAATGATCAATGTGGGGCTGATCGCAGACAGTCGATCAGGCTGGC  
AAGGACATGTCATCCTCGTCTGAAGGCGACTGCTCGAGGATGGTAATG  
TGCTCTAGCTTCGAAACTCATGTCGAGACGATCCAGAACCGCTGATATTCC  
TTGCTCCGCCAGTCATGCCAGTAAACAGAGCGCACTGAAACATCAGTGAGTCAAG  
AAAGATGCGTTGATCTTCAACCCCTAAATTCTGCCACACCCGTATGATGAGCTC  
GCAAGACTTACTGCGGGCACGGAAATTAAAGCTGCTGTCGGAAAGGTTCATGTC  
GGCCCCCTGGCCTTGGTCCAGTTGCTCTCAAAATTGACTCAGAACATTGCG  
TAGATACTGCGTTAACCGCTACGTATGACGACTGTATTCTCTCAAGAAATAGCC  
ACCTTCGACTGGATGCTCCCTGGAACCCAGCGCCAGGAGCCTTCCCCGGTC  
TTTGATTGATACAGGGCCGGTCAGCGCCAGTGTGCTCTCAAAATTGACTCAG  
TTGATCTGGATAGAGGCAGGCGCCAATGCTGACGCCACGCTAACGTTAGGTTG  
CACCAGAACGGCGTATTCACCGACTCCAGTATGCGGCTGCAGACCATTG  
AGACAGGTCACTGGTCAACAAGCAAGAACCGAACTCATGCCACCGAGGCGC

ATACCAAGTCTGTCTCGCACAGCCCCTTCAGTCGCTCTGCATGATCTGAAGCA  
CGGTGTACCTACCGCGTCCCCATAGGAATCGTGATGGGTTGAAGTCATCAAGAT  
CCAGCATGAGGAATGCAAGACGACGCTCGGGATCTCGGAGACCTCCGCATGCCAA  
CGCTCGCGAAGGCCACGCCATTGGAAACACCAGTCAGATCGTCTCGATAGATCAG  
CTCCAAAAGCTGCCGCCATTGGACTGCACACCAGAAAAATCTTGAAGATCGCTA  
CCGCCAGCTCTCGTGAAGTATCAAACCCGAGTGCAACACCGTGCAGGATTGACC  
CTCCGCTGGTCACGACATCAATCTCCATATCACCAGTCGAACACAGGATGTGCCAGT  
GATGCAGTTCGATGTCTAGCCAGCGCTCGTACCATCTCGCCTGCCGTTCATGAA  
GATAGAGGCTGTCCACGAATTGATCGACTGTACCGAAGTGGCTGGCTGTGGCCG  
AATAGACGAACGAACACTCCGCATTGCAGTACTGAATTTCATCAGGAAAGCTGGCC  
CACCGCATGCCAACGGAAGAGCGCTCAGCACTCGCAGCAGGGTGCCTGCCCTTGG  
TGGGGTGCCTAGTCGTCCATGCTGAACCATCATGCTCCTGCTCCTTCCATCCAAG  
CGCATCGGGCATTGCTGCTGATGCTCCAGGCCCTCGATGTGTGGCAAATCTGCATCG  
TGGTATCGCCCGTGGCCATCGGCCCTGCTGAGTCCAATGCATTGATCCGTGCCTATC  
CATTATGGGTTATTTAACTCATTGAAACAATGCTGACCAAGGCCCTGGCAGCGTTG  
ATGCCAGCATGGCTTAGCTGCTTCAGTCATAGGAGGTCTGGTGCAGGCCAGCGTG  
CTTGAGCCGATAGTCGGTAAAGGCAGAAAAGGGAGCGCCACATCCGATTGAT  
GCTCGCTAGTGTATTGGCGAAATGGTGTAAACCCAAAGGCAGAAGGGTAGAAGGGCG  
GTGCTAAGGAAATGGTGCCAAGGGAAATGGGCTACCTGGAAAAGGAAAAAGGC  
CATCCCTGCCCTGCATCATCACTGGAGTAGGCATGCTCAGATTGTTAACGAAAG  
GCCGCCGTCCGCCACCTGTTGCCAGTGACCGAGACGGCGCTAGCAAAGGGCT  
GTTGCAGCCAAGCCGGCAGCGGAACTACTGGCCACACCTCGACGCCAGAAGCTTC  
TGGAACATATCTGGCAGCGTACCTCTATCCCGCAAGCAGTTCCACACGCTCTATC  
GAGTCCCCTTGAGCGTATCGGATCTGTGCAGCAATTCCAGCGTCTGAAAGCC  
ATCACCAACCGTACTTGGAGGCATGCTGGATCATGGCCTGAAATGTCGCGTTCG  
CGTTGAAGTTGCGACAGTCGCACCTGCTCCGCAGGAGCTCGCTGAGGACCAAG  
CGGCGCAAGCGGAAGCTGGACTGCAGCTGTTGCGTATGCCGCGCTCTACACGATA  
TCGGCAAGATCGCTGCGATCTGCATGTAGAGCTGCAGGGGGGGAGGATCTGGCAC  
CCCTGGCATGGACCACTGAGTCAGCGTATGTTGCCATCGTGAGGGTCGCGAA  
TATCGCTTGCATGGGCTGCGACTGGATTGCTCTACAGCCGGATACTCGATAGCGCC  
GCGCTTGCAGGGCTCAGCGGCTATCCAGCCCTATGGTCCAGGTGCTTACGTGCTGT  
CTGGCCAATATGAGCATGCTGACATGCTGGCGAATTGGTGGTCCAGGCCGATCGCG  
CCTCGGTTGCGCAGGAGCTGGAGATCCGGCGAAGGTGATGGCCGCACCAAAG  
CACGCATTGCAACGCAAGCTGCTTGAGGGCTGCGTACCTGCTAAAAGAGCAGCT  
GAAGCTGAACCAGCCAGAGGCATCAGATGGCTGGCTACGGAGGATGCGCTATGGC  
TGGTGAGCAAGACTGTTCGGACAAGTTGCGTGC

>CONTIG\_150\_length\_3241\_cov\_13.918112

CACTGGAAGATAACCGAGTTGGTGGGTGCGCTTTGGCTACGTGGAAATCGGACC  
GACGCGACAATCCGTAAACCAAGCGAGGTCACTCGGCCGTTGCGAATGGCAATCTC

GATCGCTGAAGAAAGTCACAGCACGCATTGAGCCTGGTCGCCGCCCTGCCCATCG  
CGCGTCGTAGGGTTGCAGCCGCACCGATGGTCGGTTACAGCGTGTCTGCCAGTGGGG  
GCATCCCCGGTGTGCCCCGCATAGCCTCTAGGCTCCGGGTGCACGAGGTTCTCC  
ACTAGGAGGCACGGGAATCTTCAGAGCGCCAGGCTCAGCGGGCGAAGCCTGACAG  
CTGGCAAAAAGGGCTGGGAGAACTTAGCGAAAGGATCATGGAACGGAGGAAAGG  
ATAGTCTTACCTGTCTCAATGACATGTGCTGCCTCAGAACCCCTGCCATCAGTCAGA  
AGCCTGTGTCAGACCGCCAGGCAGTCGGCGATCCAGTCCATCCAGCCAGGCGCG  
CGGCCGACCGCGTGGCCGACAACGAGTCGCGGCCGTCGATCACCTCAAGGGCGTGG  
TGATGTGCCCTGGGATGGCGGCTTCATGGTCAAGCAGCTTCGCGCCGCGGTGGCG  
GCTGGAACCTCATTCCGTCAACCGCACCACTCCCCGATCCTGGTGTCCGAAGACGTG  
GGGCTGGACCGCGTGGGCGTGGTGAATTGGAGCTTCAGAACGAGCTTGCGCCGATG  
GACGCCGGCCTACATGATCGGCCCTGCGGTTATCCCGCTCGCGCCCTGAGTGCC  
TTTGATCTGATCGTGGATTGCTGTTTGCTGCCACGCCTGCGTTCTGCCACCAC  
TGTTGATTGCTGCCACATAACCCCACCTCCATGCATGGACTCGTTGACGGAAACAA  
ACTTTACGCCAGCTGCGAAAGGGTCTTCACACCCCTCGCTGCGCGGCCGGCG  
TTGTGCTTCGAACAAACGACGGCTGCACGATTGCTCGCTCCAGGAAGTCAAGGACTT  
GGGGGTTGGCATGGCAACCCATCCACGAGATCCTGCTGGACTTGCTGAGGCAGCT  
GAACGTGTTATCGGCCAATTGGGCTTATGGAGACCTGTCTGGCGGTGGTCTC  
AATCCTGAGGGACCTCTTCCCCAAGTCGAGGTCTACAGCATCGATGAGTCGTTCGT  
CTCGTTCGATAGCATCCCGAACGCCAGCAGCGCGTGCTCGGTTCGGTGCGG  
CGCGATGGCCTCGCCGATGAAACGCAGCCTCGTAGACCATGGACATATCCCATTCC  
CCCGGGTCAAGGCATTGGGAGGGTTCTACAGACAGTCTTCTCCATCGCTCCGCC  
TCCGCTCGATTGAGGCGAAGAGGGCAGAAAGCGCGTTTCACTGAGCAAGGTA  
GAAGCGCTGTTCTTGACCCCGACGCACAATTCCCTCTGCCATGAAGCAGAACGCC  
TCTGCGCCTCGTGTGACCTGCACAAGCATCCCTGCCCCAAAGCAACGATTGAGA  
TTGGGCAGGCAGTGCCCGCCGAGCAGCGCAGCGGAGCAGTCCATCCCTTACTT  
CTTCAGCAGGTACGAGCCGCACTTAAACTTGCCTCGATCTCATCTCCTGAAGG  
CGACGCATCGGGATCATCCGTAAAAATGGTTACAAGGGCGCCAGTACGATTGAGA  
CGAGCGAGAAGTGAGCGCCATCGCGGTGTTCCAGAAATCGCGCGCTGCCACC  
GTGCCACGCCAGGAATCATCTGATCAGATTGCTCACAATTGCTCGGCCGCGAAG  
CTTGCTCCTGCCACGCCGATGGCGATGTAATCAGTGAAGTGAGCATCGAGTCGTT  
AAACTGATCCAAAGATAGACGTGATCTCGCAATCATTGATCTGACCGGGCG  
ATGATGGCTCGTCCGAAAAGGGATGGGCTAAGGCCGCCGTTCCAGACGTAGC  
CGCGCGGGCAGCGATGATCTCCTCGCTCCGACTTTTGCGTTGATATCCGCTT  
TGCAGCGGGCAAAGCCCTCCGCGGCCCTCAGGCAGCGGCCAGCGTCACTTC  
AACTAGGGTCTCAAGTCCTTCGCGGGAGTGGAAATCTCATCATCAATGAGCTCCGC  
GATTGCCCTCACTGGACAACGTTACGGCAATGAGGGAGAAGACGTTGACTTCCTT  
CTTAAACCCCTGGTCAGAACGATTTTAGTGAATGACACCTATGACCGGAACCACCTT  
GGCCAAGCTCTCATGAAGAGCAACCTCTGCATCTCCACTCGACGTCCGTCTCGT  
AATGCAAATCCATGCAACATGGATGTGCTTAGCAGGATCGGTTCGTTGCGTGC

TTGGATGAACGCTGTAAGCTCATCAATTGTTTTGTATCGGCCATCTCCAACCCG  
CGAGAGTCGAAGATAGAGACCAGGGATACCTCCTGGTATCTCTCGTCTCTTC  
GTCACCAGGCTGCCTTGCCGGTTCGGCCAAATGCTCGAAACACGACGTTAAC  
AATGTGCTCTGCCACACCTGACCGGCCAGCGATCAGGATGTTACATGCCCATG  
GTCTTGCTGCCTCGTACCGCGTCCCGATGGACGACGCATAGTGCTTCCATA  
AATCCCCCTGTCTCCTTCAAATTAGACAACATACCTAGCGAACCGCTGTTGATG  
CGGTCGCGAAGATCTTACCCACAATGGGAACCGTGACTCACCTCAGCTAGTTAAC  
ATTACGGCGGATAGGTCTAGGAAGTTGCGGCTCGCAGCTGTTGGTAAAGCTGTTGC  
CTTTGCGTCCTCAGCTGCCATGAGGTAGATGCCTGCCATTGCTCTTCTTGC  
CCACAACTCCCCGAGCATGCGCTTCTCGAAATATACGGAGTAGCGGAGATG  
AGCGAGCAGGCTACATGCCATCCCGGCCCTGTTGCTGCTGGCTGCTGCT  
GGGTTTGGTCCAGCGCCTGTTGGCGCACCTGATCTGCTGATGACCTCAGCTGCTG  
CAGGTTCTGCTGGGCCGGCTGTTGACACGCTCTCGACCGTCCACGTGGCATGGAA  
CTGCGCGCTTGTCTAACCGTGAGGGCATAGATCGAACGACGTTCTGAGCGCC  
ATCGTTCCCCAACGCCTCCGTGACCCCTGCCACCGCTTGAGCAACGGTCGTCAC  
CTG

>CONTIG\_151\_length\_3204\_cov\_23.313292

GCAGTCCCAGTCGGCCGGCGGGAAAGCCGAGACCGGGATGCTGGTCGAGAAAT  
GCCATTACGTCTTATCCAACCAACTGCGCCGAGTTGAAGATCGGAAGATACATGCCG  
ATGACCATGCCGCTACGATGGTCCAATGAAGACCATGATCAGTGGTCAAGCAG  
GCTGCTAGCGCGTCTACGGCGTTGACTCCTGCTCGAAAGTACTCGGCAACTT  
GAAAAGCATAGTGTCAAGCGCACCTGCTCCTGCCAATGGCAGTCATTGGATCAC  
CATGTGCGGAATAATTGACCTGTTCATGGCCATGTTGACCGGGTAACCCACCGA  
CACATCGTCTCGCATGCGAACGACGGCTCTCGTAGACTTATTACCTGTGGCGCC  
AGCCACAATCCCTAGCGCCTCCACTAACGGAACACCGGCTTAAATGTAACGGCAG  
TTGTGCGGGCGAAGCGCGATCGCGCTGTTGATGATTGGCCTATGACCGGTA  
CCTTCAAGATAATCCGATCCATGCCGTGCTGCATCGTGGCGAGCGCTTGTAGGCAT  
AAATGAAGCCGATGACTGCCCGCTACAATGACCAATAGAGCCCACCACTAGCTA  
ACCATAAAGCGCGACGCGCTACGATCATTGTTGAAAGCAGGTAATTCCGCACC  
AAAGCCCTGAAAACCTCTCGAACTGTGGACTACGAAAACTAGCAGAATTGCGC  
TAACCACGAGAGCAACTACGACGACCATTGCAGGGTAGAAAAGGGCTTCTGATC  
TTGCCCTCAATGCCTCAATATTCTTATAAGTCGAACGTGTCGAGCACGGTT  
CTAGCACGCCCTGCCCTCACCTGCGGACTAGGTTGGTAGAGCTCGTCAAATT  
GGACTGGATGTCGTAATGGATTGATGTCAGGGACGAGCCTCCCTCGATATCGGTT  
TTATCTGACCAACCATTGCTTCATTGTCAGGGTTTGACCCCTCCCAATAATT  
CAGTGAACCAACAATAGGTACGCCGGATTTCATCATGGTTGCCATTGGCGGCTAAA  
GAACGAGATGTCCTAGGAGTCACCTTTGCCTGCCGCCAAACAGTGGCTTGG  
CTTGGGCTTAACGACGTTGGTGTGATGCCCTGGCGACGAAGTTCGGCACGCAACAT  
GTTTATGTTGCGCGCCGCTTGCTCCCTCATCTTGACGCCGCTGTCCGTTCC

CCAGATAAACGGCTGCAGCTGGCTTGTGCTTCGATCGACTGGTTTTGATGACGT  
TGCAGCGACGGACATGCGACTTCCATCGGCCATCCCCAGGCCGGATCGGTACA  
CATAGTAGCTGTTGAGAGACCAGGGCACCCTGACTCAAGGGCGTGTGGTATGTC  
GGGTGGACGCCCTGTCGGGCCTAAAGTGACCGCCTGCGTCACATTGCAGGCCACG  
TCGCAATTGTGTTGAGGGCCTGAAAATCTGTCGAGGTCTGTCACTATTGGTTCG  
GGGAAGACTCACAGCTGAAGATGCGAAGTGGCACGAAAAATGCTTATGATCTTA  
TCGCAACACACGCTGAGGCTGCGATATTGCTACTGAGCCCAGCAAAATTCCACAT  
GCCACCTCCAAGGGGACGTACCTATGAAGAACACAAGGCTTACTTGATCGAA  
TTGATGATCGAATTGCGATCATCGCAATCCTGGCTGCTATTGCACTGCCGGCTTAC  
AGGACTACGTTGTCAGTCGCGCTCTGGAGGCCATGGTGTGGCTGACGGCCTGA  
AAAGTGGTAGTGGCTGATAATGCTGCCAGGGTATGGCAACCTCGGCAAGGGGGCT  
ACTTGACCACTGCAGCCGATGCATGCCAATGTAACCTCCACAGCAGTTGCAGCG  
ACAACCTGGTGTATCACGGTTGTTACTACAAGTAAGGCTGGCAATGGCAACGTGATC  
TTCACGCCGCGTGGTAATAATCTGCCGCCGAACTCCGCCGAAAGGTAC  
GATCGTGTGGACATGCACCGCTACGATTAAGCAGAAGTATTGCCGAGCAGCTGCA  
CCGGCACCTAAAATATGACTAGTTTAGATTAAAAGGCCCTGCTGACAGTGAGG  
GGCTTTAGTTATAAGATTAAAGTAGATGCAAAATTGCACTAAAGCGAGGGGG  
CGGTATGAGGAAGATAATGGATTCACCTTATCGAGTTGATGATTGTTGTGCAAT  
AATTGCACTGCTGCCGCAATTGCTATGCCGGTTATCAAGACTATGTTGTGCGTAC  
GCCGGTATCTGAAGCTTACTGTTGGCAAGCGGATTGAAAGCTACTGTGATTGTCAA  
TGCTTCGGAAAATTCAAGCGGATTGTCTCGAGGCCCTCTTGCTCAAGTTCTGAT  
GCTTCCGCAAATGTTGCATCTACTCAATTAAATTCACTGTAATGGCGCTATTACGGT  
GTGACTACGGCAAAAGCCGGAATGGATTAATTACTTGACGCCCTCGGGAGCTAG  
TGGTCGGCTTATCTGCAGGGACATGCCCTCAGGTAATGTCGTGTGGACTTGCTC  
GTCGACAATTAAACAGAAGTATTGCCATCGACGTGCTCGGGTACTAAAGCGGTT  
CTGTCAAAAAATGGAGGGCATAATGAATGCTGGCCCTGCCAATAACAATTAAATC  
TCGTAGGTATAACCGGCATTGCCCGCGATTGGTCCAAGACGGTGCCTGGACGAA  
GCTAGTGCTCGCTCGTCAAGCAGCCAAACGCAAAAGTTCTTGCCGAA  
TGGTCGGCGAAAAAAAGTTGGTGTGGCAGCGCAGCTGCCGCTGCCAATGCGGTT  
GAGTTGGCATGCCCTGATGGACGTTCTGTCTTGATGCCAGCCAGAACGCCGTC  
AAGTTAGTCAGCGAAGAGTTGCTCCAGAAGTACCGAGTGCTGCCGCTGTTCAAGCG  
CGGCAATCGGTTGTCGTGGGGTGAGCAACCCAACCCAGACCAGGGCGCTGGACG  
ATATCAAGTTCCACACCAATCTGGTGGAGCCGATCCTGGTCGATGAGGACCAA  
ATCCGTCGCACCTGGAGCAGTGGCAGCGAGCAATGCCGCTCGCTCG  
CGGTGACGACGATGACGACATGGGGGA

>CONTIG\_152\_length\_3175\_cov\_7.470801

TCGAACGCTGCCATTTCGAGCGCGTGAGTGGCAACACGTCCGTTGCCGGATTGA  
TCACACGCATATCTACCAAGATGTGGGATCTGCTGCGATGGGCACCCGAAGACTTCAT  
GACCAACCCCAAGAATCAGTGGTTGAGCGTCGAAGCCTTGATGCCAAAGGTCAAC

GTCTGGGCCGGCGCAGCCTGCCAATGCCACATTAGAACTGCACCAGCGCTTCCTCG  
CGTCCTTCTCAACACCTAGTCAAAGCACGTGCCATCCCGACTGCCGATGGATG  
CGTTAACGCTGCCAGGGAAGAGAGCTGATGGCTGATCAGGACGAGCCGAGCGTCTG  
CTCTGCCAGAGGAAATCCAGAAGATCTCAACCCGAGACCTCCTGCCCTGGGCC  
AAGAAATATCCGACCGTTGGTGGTCCCCGCTATTGCCCTTCACGGCGCTCGG  
ATCAATGAGATGCCCAACTCAAAGTGGCGACATCGTCAAGACCAAGCGTGTG  
GTGCTTCTCGATCCAGAAGACCGTGGATGAGGACTTGGCGCAAAGCGCAGGCAAAC  
GCAGCCGGCAAAGCCTCAAGGGCAAGAGCGCCATCCGTAAGGTGCCGATCCACGAC  
GGTCTTCTCCAAGCAGGCTCCTCGACTTCCTGGCGACATCAAAGCGTCCGGCAC  
CCGCGCCTCTCCCCAACTTGTCTGCAGGAACCTGCCGAAAGACCGGAAACCGAAT  
GGACGCTACAGCCAGGGCTCGTCAATCAGTTGCGAAGTATTGAAGGGCTTAGGC  
TTTGGCAAAGGCATTGGATCGCATGCGTCCGCCATACCCCTGGCTACCGAGCTCGAC  
GCCAAGGGCGTCCGCGTCAACACATCGCTTGATCACAGGCCATGCCCTCAACAA  
GAAGGCCTCGTCTGCAGGACAACATGTCCACAAATCGGCCGTAACACCCGGA  
AGATCCAAGTGGAGGCGCTGGCCACTATCAGCCATCTGTGAAGCTGCCGAGCTATG  
TGC CGGACAGTCAAGGAGCGATTGAGGAAGGGGGCGAGGATGTATTGATCG  
GCTTGC GGATCTAGCCATCACTGTTGCTCGCAGTAGTGCAATCTCTCAAGGCATGTTG  
GTTTATCGCTACTCATCGCTTGCTCGCAGTAGTGCAATCTCTCAAGGCATGTTG  
ATAGACATCATGCAGAATATTCCCTCCTCAATTCCGTACGCTGCTGTCCGATTCTG  
CTACAGTCAATGCTGTGAAATTCAATAAAAGAGAGATGGATCGATGGCTTATGGC  
TACGCACTGATTGTCGATGATAAAATGCCCTCAATCAATGAGGATACCTGGCAAGAT  
TTGATCAAAGCACCTGACTTCTCTTCAACACAGTCGAAAAGTAGTTGAGCAT  
GTGAGAACGGTGGCAGCTCTCAATCATCCATCGAAGATGTGGTATGAGGCG  
CTTGATCGGGTGGCGGAGCTAGAAAGCTTCTGGCAGAGGCTAAGCTAGGGCGCC  
ATCAGTCTAGGCTTGCGCTAGCCTGGCATTGCGCTGATAGTTGCAAGACG  
ACCGGCAACGGTAAACATGGACTCGATATGCCAACCATCCCAGATGTTCAGATCCG  
CCTGCCTTCCTGCTGAATGCGCTAACGTTGCATTGGTGAAGCGCTTGC  
GGGCCTAAGCCCAGACACATCGCTGTGATCCTGATTGAGCTTGCAAGGCGG  
ATCCAGCGGGCAAGACGCCATGGATCACCCTGACTCAGCGCCGAATTCTCAATG  
CCAAAGCTGCTCAAAGGCGCTCACTGAGGAAGTAGAAAAGTTCTATCAGAAGCTC  
AACTCGATGTATAGCGTCTCAATCCTCTGGAAAACGTGGCAAATTGGATAAAAGA  
AATCGACAGCTCTTCCGAAGAATTATGATGCGTATCTACGAAGATTTCCGAAA  
CGGAAAATTACCAACAAAGCCAGCTTCGAGTGCTATCGAAGGACTTCGCAACC  
AAGCGGTGGGCCAGCTGCGCAGCAAAGCTATGGCAGCGATAACTGAAGTGCA  
TTAGGAACACGCTCCCATAGCGAAAATCGCGGTTGCCCTCGCCAACTCAGCAGCC  
CCCTGACTACTCCAACGTTAACGCGTGAAGTTCCAACAGCTCGGACACGTCCACCG  
GATAAGACGCCTCGTACCAACGTATTGAGGAAAATCCGAGGCCATTAGCTGAGAA  
TTCTGCTCGTTAGCTGCGATGTATATAAGATAGTTCGCGCGTCCATGCTTATGCGTC  
CTCAGCAACAAGGCACACTTCCTCTTACAGATCCGCACCAGACCAGCTAGCTCTT  
TGAAGAGAGATCAGGCCCGTCTGTCAAGAACATGGGAGATCAAGGACCAAG

CCACGGCAGCCCTGTCATTCCGGAGCCTGCCTAGCTCCGAAGGTCCACTGGATATC  
GCCGTCGATCAAAGCAAAGATTAGCGCTAGACGCGCCATCAATCGCTTCTGTTGCC  
AATCTTCCTGGATCGTGTGACATACTGCACATAGTCACTCGAAACATACGCCCTC  
CCAAGTCCACCCTAACCGAAGACCGAACATTCTGTCATGGCTTGCACGGCTGACGC  
GACGCTTCAGTTCAATCTCCTCAGCGTTCACGAACAATACGGCGACAGTTGGTGC  
ACCGCTGTGCCAGCTGATCTCAGCTACTCATCGATGTTGACCTAAAGATGTATCTC  
ATGCAGTCGATATCGATCCAGTGAGGTCGTGCAAGGAAACGCACGTATGGTCTCG  
CGCTCTCAAGCATCGTTAGGAAAGGTCTGAACAAACGAGGCCTGAGGGTGCAGGAT  
GTCGCGTCGTTCCGAAGAGTGCGTTGGATCTCGGAATTGCCATTCTGGCGC  
TTTCCGTGGAAATTCCCCGGATACAGGCGCAGGCTCCCCATAGCAGGCAGTAAC  
GCTTCGCTTCATCCACAGGTTCGATAGCGCAAACAAGGTCAAGCACCTGCGCGGTGT  
TCTTGGCCAGGCCCGGATAGCGGACATTGGTTAGCCGAACTAGGCGCTGGTCACCC  
GGAATGGATGCTCCACCTGGCGCGACGCTGGCCTGAAGTGTCCAAACCTGTT  
CC

>CONTIG\_153\_length\_3167\_cov\_71.213487

GCGCAGCAAAGAGCAGGAGGCCAACCGGCTCAGGAGAAGGCCGCCGGGGCG  
GTGCTGGCCGACAATCCTGCGCACCCCTGACCACTCGACCTACCAACAGATCCATTCC  
TGGGTGCGTGGCACGGCAACTGGAACGTCGAAGAGAGCAAGAACGTCACTGCCTC  
GCTCTACAAGCAGCAGACCGAACGACCCGTTGCTGCAGCGGTCGACAAGGTACGG  
GCGGGCTGGCAAAGACGGGGCGGAGAACGTCCTTGCCTGCTATGCGCCCTTGGG  
GACAAAGGACCCCTTTCCATGCCATGTCGACGGCGCGAGGCCTCGCAGGAGCC  
GGCGGAGCAGAACCTGCAGCAAGCTGAGGTATCAAGCAAGATCAGGTGCGCCAAC  
AGGCGCTGGAACAAACCCAGCAGCAGACAGCTCAGCAGGAACAGGGGCCAGAAT  
TACGATGTAGAAACGGAATGCTCGCGGTTCCATCCGATGATGAGTTAAAGGTT  
AACATGTTGAGACTAGGCAAAAACGTCGGGGGGCACCTGCTGGTATCAGGGGGC  
ACCGCAGAAGAGGAAAGCCACACCCTGAAGTTGCGATAGCCCATAAGGTGTGGC  
GACTCCGAGGAGCTTAGGTAGTCACATGCAGTCCGCTTTGCCCTAGCCAGCCGG  
CATGGTTAGCCAAGTGCTCCGGATTAGGATGCAATGAGTGCCTGCTAGGGAGACGC  
AGAAAATTCCGTCTAAATCTCGTAGTCGGTTCTATCAGAGAGGGAGCTACTGCA  
ATGTGGAGCTCTGGGTGACCCAAATAAGTCCAAGATCAAACACGTGTGGATGTC  
TGCCTGCTAAAAGCATTCCGTTGCTACCCGGTTCTGATGATCTCCTCTGTAAGGGCA  
AATGTGAGCAGCCTCTAGCACTGCTATCGCGTTGCTCCAGTGTGATGGCGAGCGTC  
CTCGTAGGCCTCAAGTAGCTGATGCCCTGAAGGTGGATTGGCCCCGCCGTGGCAC  
TACCGTAAGAGGCCACACCGCGCGTCATAATCCGAGTCAAGAGGCCGTAGGTGTT  
CAAATGCATGGCCAATGCCTCAGTCTCGCCAAGACGATTCGCTCTGGAAGCT  
GTACTGCTTCCCAGTCGCTACGCCGTTCTGCAAATCCCAGTGCCTGATGGATTTC  
TGGCCTGAAGACCTGATATGTGACGCTGCGACGCTTCCCTGGCGGAACAGCCGGTC  
TCTCGGATGCCCGGAGTCAGAGCGCCAGTTCTTCTGATCTATCGAAATGCCGCCT  
ATTGGCATCGTTAACCGTCAAAAAAGACAGATTAGCGCCAAGTCTGAGTGGCTTC

TTCGCTATGGCTTGGCTCAGCCAATGTTGATTGAGCAAGAGAAGAGGGCTTTG  
GAACGCCGCCACGGCCTCAGCAACATGCCAATACTCGCCGAGACTTTGCCGACG  
TTCGTCTCGCCAATGGGTGGCTGGCCGGTATGCTCGAAGGTTAGCTAAATCCGTC  
AGCTTCGAGCGTCTCAACCCGCCGACTAACGTGAAGTCGGGTCGAAATCGTTGT  
TAAACGTGTGGCGTTCCAACTCGACCTCTCGTGGGTATCGGATGATGCCACAAC  
GACGCGAATGGGATGTTCTGCTCAAATGACAGCCGTAGGTGCTTAGAAACGTGT  
GCTTCCGGCACCTTCCAGTAAGTCGTTCACTCTCATAGCTAACCTCCTGGCGA  
GAAGTCATGTTCCCAGAGGCTGACTATCACTGCCTGGCTTCTGAGATTGCCGA  
ATAGGTGAACTGCGGATTGAGCAGCTACTCCGTATTGGCGAAAGCTTGAGTGAT  
GCGCATGCGATTCCCTTTCTAAAGGCACCAAGCCACTGGTGGTACACCAAGATCG  
GTTTGGCTTCTGCACTAAGTTGAGTGGATGCCCGGTATAATAGCGACGTCGGCG  
CAGGGACTACCATGGCGCGTGCCTTGAGATTCAACGAGCGCGATGCCATTGTTCT  
TTGCAATTAGACTCACCTCGTAGGTAAGTGTGGCGAGGGTGGCGCGTAA  
TCCTATGCCGTCTTGGTGCACACCACGTGCGCAGCAACGACGTTCTGGTGTGTC  
ACTTCCTCCATTTGCTTGCAGCAGATGCTCCGCCAGCATTGAAACGGCCGCGC  
AGAGCGTGGGCACAAGCCCAGTCGTCTGGCGAGGAGAGCCACATCGGAAAAGCGC  
AGTAGAACCGGCCATTCTGTGCATGGAAGGCAAGGGTGCAGGGTTAAAGG  
CGTTTATTGCTCATGGGAAGCTCCGAATCGAAAGGATCCGTGCCCCATTGGGT  
GGACCTCGGGCACCCGGAGCCGTTGGCATGCCGACAACACCGGGGATGCCCG  
ACTGGCAGACATGTTGAGCTCAACTTGGACTGTCGCAACTATGCCGTGCTCG  
CATAGGAAGAGCTGGCGACTACGCTCAGTCGTTCTGGCTTCGTAGCTCCGGT  
GATGCCATCCGCAAGGCAGTCGCTGGATCCGGCTCGCTCG  
CCGATTCCCACGTGCGCCAAAGCGCACCCACCAACTCGCATTCCAGCGATT  
TGCTCCTGCAAGGAACACGAGCTCTGCTACCCCGTGCCTGGCTTCGTAGCTCCGGT  
GCTCTGAGTTCTGCTGGCTTCGCGCTGGCGCTGCTGCGCTAAAGCTCACGCGCT  
TGGAAGTGCCTGCTGGCTCTGGATTCTCTGGTGGTAACGGGTTGGC  
TCGGTCATGCTTCTGCTGGGTGCTTACGAGTCACCAAAAGAAATGGCTCGCGT  
CAAGTCGCGCCGGTTGAAAAGTGGCTCCCTCGAAATCGAAAAAAATCTGGAAA  
ACAAGCTAAAAGAAAGCAAGAGCGCACCTAGGCATCACAAGTGATGCGTGC  
CAAAGGGCTCGCCCTGAAACCCAAAGTGCCAAGGGCGCTGCGAAAATCCAAAG  
CCGAGGCATAAACCAAGCAACCCACTGTTGGAGTCGCCGCTCATGCCATCTA  
CCACGCCAACGTCAAAACCTCAGTCGCCAAAGGACATTGCTCCATC

>CONTIG\_154\_length\_3166\_cov\_5.517275

GTCTATAGGGCATGTTATGAATTGTCGCATCGACTACAGCAGCTACTGGGCT  
TCGATTCGGAAGTCCCACGGCAGCGTTCCAAGCGGGGTGGCGGGGAACTCCC  
GCCGAAAAGTGGCGGCTCTGCCGCCGCTATGGTTGTTGCTGCTCCCCACCTGC  
TGACGTAGTTGCGCGGCCGACGGCACATGTCGCACGGACCAATGCTCGCTCCA  
TGATGACTGCTTGGCCGGAAGCGGACATGGATAGCCCGTCCGCCAGCGCAGG  
GTCACGTGATGCTTATGAGGTTAGGAGAACATGCTCGATTACGTCCATTCAAGAAG

TTCAAGAATTCAAGGACCGGAGAATTGACTTCTCAGAGGGCGTAAGCCTGTGGCT  
GGTGGCAATAACTCCGGAAAACGACTGTTTCACGGGTTGCCGTTGGAGGTT  
TGCAGGGCAGTGTGGAAGCGAAAAGGGCTCGCTGCCCTCACGCCAGGTAGAA  
GTTCAAGGTGTCGGCATTAGCGAGCATGAGTCCCTCTAAACCTGCCTGACCT  
GAGCCATCTTGGACCAACCTGAAGCCACAGAACGACCGGTGGTGAAGAACAAACGGCT  
ACACGCTCGAATCAAGTGTGGTGGAAACTCGATGGAGTAAACAAACATCTTGAG  
TTCGGCCTAGCGCTGGCTAATGACCGTCTGTCGTCAAGACAACCGACACGAACCTT  
CTTGCGGGTGACAAGGTTCCGCGCGTGTACTGCCATTGCGGGAAATCTCT  
TCAAGAGAGGGTCGTCTCCCCACGCACCGTGTGACGAAGGGTCGGTGAAGGGCT  
CGCGGGGTCACTGATCAGGAACCTCGCTCCTGGATATGAATGTGCGGAATGGCGAAG  
AGCGCAAGCGCCTCGCGAGCGCGCTCAAGTTGTCTGAGTCTGACTTGAGGACTC  
TGCCTGAAACGGACCCATGGGAGTTGGTGCAGCAGTCATTGCGCCAAGTCTCGGG  
GCTGAGTTGGTCTCCCCATTCAACGAGGAGTACCAACTCCTACATTGATGTAAAG  
ATCGTTAAGGGCGATGTGACTGGGTACAAGCTGACTCGCTCCCCGAATATAAGGCC  
CGCGACCTGATGGTTGAGGGTAGCGGGCTGCTGCAATGGCTCAGCGTCTCTCCTG  
GCGGTTGACCGTCAGTTGACGTCCTCCTCGACGAGCCGGACGCCATTGAC  
CCAACCCTTCAGCAAGAAATGTCGAAAGGGTTCGACGATCTCGAAGAAAAGCT  
AGTCTTGGTCGCCACTCATCGCCGAAGTGCTCCGCTGGCGCCCTCGAACAGAT  
CCTCGCCTTCGAAAGGGCATTGCTAAATACCTCGCAGATGAGGAGGGGAAGG  
TCGGTTGGTGGCTGGTATAGGTAGTACCTACCTGCCCGCTGATGCAAGCGC  
GATCGCGCAAGATCTTCTTGAGAGGGTAGCGGTGACGGCAGCAGTCTGAAGCGC  
GCAGCGGAACTGTCGGGTCTAGCTGGGACGAAGATTGGGTATCTGGCCGAGAA  
GAGCCCTACGCCGACAGGGTCCGCCTGGCAAAGATGATTGGTGTGAGATCACAG  
GATTGAAGACGATAAGCTTGCAGAGATCGAGACATGCTCTCGCGAATGCTGCGC  
GACGATCTGATTGAGCGTGGACTGGCGAGTGTACCCGCCTGCGTTCCGGTTACCTGG  
AAGAGGGCGAAACATAGAGTCCTACCTGATATGGCCCCCTGCGATTGTCGAC  
TGGGAAGTCGGCACTCCAGGTGAGGATGCGCTAAAGAATGTTTCGGAATTGCCAT  
AGGGGCCAACTTCCGTGATCACTTGGCGCCGCAAACCATCTTGGATATAGATGGAA  
AGGGCATCCTTAAGCACTTGGATTGGTCTGGCACGACATGCTTGGAGCAGATGGACC  
ACGGTTGGCTCCTGTTGACTTGGTCAAAGCGCTTGACCATCTCGGAATGGGTGAGG  
TCTAGTGAGAGGGCGGCTGAGTCGGCTCCAGGGAGTCAGCCAAGCTCT  
TCGCCAAGTCCTCGGCTTGGGGTGGTAGTACGCGCTGAGCATCCTCAGGTCCCTGT  
GCCAGTGACAGATGAAAGCTCAATGAGGTTGGCAGCTTCTGCGAGCCGTGAT  
GCAGCTCGTGGCGAAGGTGAGTCAGCAGATCCTCTAGGAACATCGGAGATGG  
ACTGCGCTTAGCTCCTCGCAGTCTTGAGTAAGTAACTGCACTGGGCTTCTCAATGCT  
CGCGAAAAGCCTGCTGATCGCCTCTGGGTAGTCGGAACACTGGCCAGCGAG  
GTTTCGGGGAAAGCTCTTGAGGATCTCAGAGCCTCTTCGATAGCGGACGTCACG  
GGGATCACCGTTTTGTATTAGGAAGGTGTGCAACTGCCGCTGAGGTGACATG  
CTCCCAGGCAAGCGAAAGCAGCTCGCCCCGTCGATGGCGGTCTCGATAGCCAGGC  
GGACTAGGGGAGCAAGCCAGGGATTCCCTGGCGATGCCATTGCGTAGCTGTTCCCTT

GCGGCCGCTCAGTGGCTTGGAGCGCAGCGAGCAGGTAGTGCTCTCATTGGTACTCA  
AGCGTCGCTCCCGTCCCCGGCAGCGTAGGGCGTTACGTAGCGGATAGGGTCT  
CGATGTGGATGCCCATTCACGGCGCATGATTAGGACTGCTGACAAGATGCCA  
GCTCGCGAGGATCGAAGCCGGCCAACCTCTGGATCTGCATCGGCCATTCTG  
CGAGCGCTGCGCTTGTGATCGGGACATTTCAGGAATGGGAGAACCGGGTCTCGA  
GGAAGATGCCATTTCACGGCTTCCATTGCCATGCTCTTGTGGGGTACTTC  
CCGCGCGTAGCGCTCAAAACAGTCGAAAGGTGGTCTCTCGGCCCGATC  
AACAAAGCCAGATGTCTGTAGCTCCCTCCGTTGCTGGACCCACTTTCAGCGTC  
GGCTTGTAGTCGAATGTCCGGACATCGACGGATACCCCTGACCCGGACCTCGC  
CTGCCATTGCTTATCACCAACGCTGGAAATGGTCCCCACGTCGTGTCC

>CONTIG\_155\_length\_3085\_cov\_46.120352

GTGCTGTACGCTTGAACCAGCGTGTGAGTGCGCTGGCCGGTGTCCATACGCCAGG  
AACCTGCATAGTAATCAGCTTTGTAGCGGTTGGCTGGCGTGGCGTGGCG  
ACGAACCGGTACCGGACTTCATCGAACAGGGTCAGGAACGTGGTAGGTTTCGAT  
CCGAAGCTGCGCAGCACTGACGCTTGTCCAGGCTCGGGCGCTGAAGAGGTTGGG  
ATCGAGCTGCCGTCTCGCACGCTCTCGTAATTCGTCAGGTGTATGCCGTCGAAGTC  
CGGATCCACCTCGCGCTCGTGGCACGAAGCGAGTCTCCAGGCCAACGCTCCCG  
CGTCGCGCGGAACCTGCCGACGCCAGCGGACCCACAATGCCAACCGCGCCG  
CCGGCATGCGCGCGCCAATCGATGATCTCCAGCTGCTGCATGCTCTCCGAGG  
CCGAAACGCTGGAAAAGGGCGCGCCGCCGGAGCATGCCACACGACGCTGTC  
GCGCTGGTGGCTTCAGCATGGATGCACGTCGTCGGGGAGATGCGAATCCA  
GCGACGGCGCGACGCGGACCTTGCCTCGAGGAAATCGCGATAAGGGATCAGTCATG  
CTCGCGCCTCTGCTGGGCCACGTGTGCGCACGCTGGATGCTCGTACCGATCCAGC  
GGATCACCGGCACAGCAAAGCTGTTGCCAGCATCTGTAGCGAGGACCATCAGCC  
ATCGGCTTGCCTCGGCCGTTGGCACCAAGGTCCAGTCGTCGGTGGCACCTGCAGC  
CGCTCGCACTCGCGCGCGTGAGTCGGCGGACCTGCAGCCCTACCAATGCACCGTTG  
CGCCGGCGCGGGCCATTGTTGGCGTCCAGGGTGCATGCACCTGGTCGATGCGGACG  
CCGGATTGCGATGACTGAAACCGCACAGCTACCTGGCCGCTCGTGCATGGCTG  
TTGGCATGCCCATCGCACGCGAGCGTTGGCAACATCGTCGGACACGCTGCGGCC  
GGTCGCTGTCTTGCAGCGAATGCTGTGACCGGGATCAGCGCGTGGCGGCC  
AGTACCATCTCGCTGGCATCAAAGCCTCGCGCGAAGCGTATGCGCTACCGCTTG  
CACGAGGAACGTTTCGCTCTCAAAGTCCAGCGTCCGCTGGCGTGGCGAAGCATT  
CAAGCAGGTTCCAACCTCAATCGGCCCGACGTGTTGCTGCCAAAAGCCGTCA  
TGGGATGCGTGTGCTGTAGCCGCCAGCTGGCGAGCGCCGCCGAAGGCTTCC  
GGCAGGGCTTGGCCCTTCCGGCTGGCGCAGAATCCCCGCGCAGGCTGCGCG  
CTCAAGAAGTACCGGGGGTCGACCGGCCAATCTCCAGTATCGAGGACAGCGAAC  
CGCGACGGCGCCGCTGCCACTCGAACCAACTGCGCGTCAAGCACGGACCAACTCG  
ACGAGGCCGTTGCGCCCAGCGCCACGCCCTCGTGTGCTCCAGCCGTCGGCGGGACA  
TCGAGTTGGATCCTGCCAGTGCAGCAACCACACAGCAAAGTCTCGGCCCTGTTG

CTGCTGAAGGCAGCCGGGGACGTTCTCCCAGACGAGCCAACGGGCGCCGAAAGATG  
TCGAGCTGCATTGAAGATCCTAACGTTGATGGTGAACAGGCCGGAGCGGGCGCCGC  
CCAAGCCCGCACGCTGCCAGCCACGGAAAGGTCTGGCACGGACTGCCGCCGATC  
ACGACATCAAGCCAGCCCAGGGCCGGACATCTCAGCAGTCGTTGCGAGACATC  
GCCAGATTGGCAGCGTCCCAGGCCTCCATAGAGAGGCAGGTGCGATACCAACT  
TGATGGCATTGGCGCGCGCTCCGCTGATCCTCACTCAGGTATCTGCCATCGGAT  
CCGGCATGTACTTGGCCGGCTGGCATTCAATCGGCTGGCGAGCAAGCAGCACGCA  
GCCGGATCGATCTGGCGACACCCCTGCAGGCCAGCCAGCGAGCGGCACCACGCGAG  
GTGCGCGGCCTCCATTCCCGAGAAGAGCGACAGGTAGTTCATCCGCCCCGAGCCTCC  
CGCTGCCTCGCGCAGTCTGCAGGGCGGGCACGTGCGTCAGCCGACCCAG  
ATCGTCGGTCTGCCGGCATCGCGTGCCTGCCAGCGCCCATTCCAAAGCGGCGAG  
GCGGTCGTTGGATGCATGGTCATGCTCGATCCTTGAAGGAGATAACCCATACC  
CATGGGTTGGCGTCCCAGTCGCCCGGTGCTGGTCCAGATATCTCGAAAGCTGG  
TCAGGCCGTGCATCGCCGTGCCGTATGGCCCGTAGTAGGTGATGCCGTCTCG  
TGCCGTTCGATTCCCTCGCAATCGCATGCCCTCGCTGATGCCCTGCAGTCGTTCG  
ACGCGCACGTCGGTATCTCCAGCAGCAGGCCAGGGCGCTGCCGGCATGTGGAT  
GCTTGGCGCCACTTGAGGCCAAATCCTGCGCGCTCGCTGGCGCTGCCTCT  
GGGGCTTTCGGAACCGTAGGCGTAACGAGTTGCTGCCGTCTCCATGCGCGGT  
CTCAATGCTTGTGCCCATGAGGTCCATCACGTCTCCGCACCCACAGCCGGCG  
GGGCTGGCGAATGGCAGGGAACGGGTTACACCCACGCCGGCATGCCGG  
GGAGATGGCAGCCAATGAAAGATCCACTGGCCGCTGATACACGCTCTTACGCCA  
GTGGCGTCAGCCAGTTGTTCACCGCGACGCGTCTCGCTTCGACCCGGCCAGG  
ATGGCGCGCACCATGGCGCCGTTGAACAGAATCGTCGCTTTATGCCGTAAC  
CCATGGCGGCAAGTCGATCTCGTCCACCGCGTGCAGCTTCCGGCGCGCTGC  
GCAGGCCTGCGCGATATAGGCGCGGGTGGTAGGTGAATTGCAAGCAGGAC  
ATGTGCAGCGCGCCGCGGTGATGCCGGAACAGCTGCCACGTCACGACGGTGCC  
GTTGCGTTGGCGTGCAGGGCCCCAGCACAG

>CONTIG\_156\_length\_3067\_cov\_374.070408

AGGCGATGCGAATACTGACGATGTTGAGACCTCGCTCAGAAAGCATGCCCTCGTCT  
AGATGGTTAAGGGGGAGAGTCGTTGCGGATCCATTGTGATAGACCATGTAGTCAC  
CCAGCTGATCTCTCAACGAGTGCCTGATATGCCCTTCGACAAAGATACAAGTCG  
TGTTGCTGCTGTGAGTGTATCCGGTCTTGTAAAAATCTTATATGAAGGCATCCC  
AGCCTTGCCTAAACGGCAAGTAAAAGCCAACAACATGGTAATTGGTAATGGC  
CATTGATGATTCGCCGGTCCCCCTCGCACGGATAAAAGGTGCTCATCTCTGCAG  
GGTCTAGTTCTGGCCTGAAAAATGGCAACTTGCCTCGACTCGTCATCATGGCAA  
TGACGAGGCAAAAATCGGCCCCCTGAGCGGTTCGCTCAATGGCGTCTGGCCCCGC  
CGTTCTCCGAAATGTTCAAACCGAAAATCCGCGTTGGTGCCTGAGGTTGACCTT  
CAAAGGCAGCGAGCAATGGGGCCGCTATGGCTGTTCCGCCCTAGGATGGTAGAGGTG  
TAGCTCTCCTCGTCAGTCTGGACGCCCTGCAATAGTCTTGGTGCCTGCATTGTCC

AAAGGAGCGCCAAGTGCATGGGGCGGTGGCGTCGTTAGAAGAGATGTCATCG  
CTCGGCCCATCGGGAGACCTCAATCTGAAAGCGGAACATAGCATTATCGCGTCCC  
AGGAGCGAACATCACAGCTACGCTACAAGCTCTCGATAGATGCGCAAAGCGTCGG  
GGTAACGACGACCAATCGCTGCAGAAGCTTCCCACCACCGAAAACGGCGCCCTCA  
CCTTCATCTGAAAGCATCGGAGCAAGCGATCAGACCAGTCAGATGGGATGCATTCT  
GTCGTTATGATTGGACCGGCTAAAAGTGAGCTTAGAACGCAACCGCCTTCTTCCG  
GCAAGACCTCGTAGCTTGTAGCGCGTCAAGCAATGAAACTTGAGTTGCAAGATCC  
GCATCCATGAAGACATCCATGAAGCGTATCTCTCCGCTCGTTTCGAGCGCAAAC  
GCGATATACCAAGTCCACTCGGCCAGAAGTGTCTAAGGTCTCAAATCGAGCAGA  
CTCGCTCCCGCTCGCGATGCACGCCAGCTGGTGTCTCCTCAAGAACGACCCCGTC  
GCCAGCGCGGGTCAGACTCATGCCAACCGGCTCGATGGCATCATTGGCGTCTGCA  
AGCTTGGAAAAAACATTTCAGGCCTCCGATGGGTATGCTTGGTAGGCCAAAAATCA  
GACTTGTCAAGCGTGTTCAGCCTTCCACGGCTCCAAACTCGTGAGCGCATGGCA  
GCAGGAGGAGGGTTAGGGTAGTCGAACGGCAGTGTGATCTCATCTTGA  
GACTAAGTCCATCCTCGGCATGCTGAACCATGCATTGCCAGAACGACTCCATACCA  
ATCGCTCGTGGATGATTGATCGTGGCCGCTAGAGTTGAGGGCCAACGTCAACCA  
CGCTTCTGCGCGGCCAAAAAGGCGCCACCGGCTCTAGCTGACTGCTCGACACC  
GACCAATTGATGAAGCCATCGGTGTGAGATGAGCACGGCGACTGGTCAGTGTG  
GTCGATCCAGCGCAATGCAGCAGCAGTCAGTGATACGCCATATCGATGGCGCACT  
GAGCGAGCACCTCAAAGTCGGGCCACCTTGGGTTCTCGCGGAAGTCATCCAGCG  
GCATGAGCAATTCGAGCAAAGGCGTGGCCTGGCTCCATCGACGCCCTTGCT  
CCGTCAGGCTACCAGTCTGCGTGGCGACTGAAAGCCGTCATGCCGTTGTC  
GATGCAGCAGGTAGTGGCCAAGCTCGTGAGCTGCGTGAATGGATGCCGACAGCG  
GATTCAATGTCTGGTTGAAAGCAGCATCCACTTGCTGCCGTGTCATTAGGGAAA  
AGTCGCCTTCAAACGATTGATGTCGGCCATTGACATTGGTAGGGCATCC  
CAGCGGAAGATCTCTGCTGCCTTGGCCAGAGCAACGACGTCAACTGGAAAGCG  
GGGGGCCCATGCGCCGCTGACACCGCATTGAGCAAATGCGTAGCCGAAGGCTG  
CCTTGGAGGGTAGCAGCAAATCCTTGTGATCGGCCGATCCTAGCAAGCTAAGACT  
TCTTGAAGGTTCCATGATCTGCGCATCTGCTCTTGGCTGTAGCGTCAAGCTCC  
GTAGTTCTAAAGAAGGCCAGGTCCAGGTGCCGCTTCAGGGTAGTCGCTCTTG  
GTCCAGGAAGTAGGACACATCCATCGAAAGCGCCTGGCGAGTGACGCGAGCTCT  
CAACCGATGGCGAGGGAGTCTCGGTTCTCCAGCTCCACAAGTAGCTTGTCA  
TGTCAAGCCGCTGCCGCTAGTGCCTCAAGCGTCACTCCCTGTCTTCTTAAGTTCT  
GATTATTGCCAAAATTGTTGTCATCGACTATTCTCATGCCGGCACAGCGCC  
AGATGCCACTATACCGAACAAAAAGTTGACGACAGCGAAATTCTAGGCAAGATG  
ACCAAAATCCGCTGCACCGAACAAAAAGTAATGCTAAAAGACGTGACGCATAGCA  
CATATGCCCTGGGCTATGCTAGAGTCCAACGCAAAGGGCCGACCATTGGCTGA  
GCCCGAGATATTGGAGTCAGTGAAATTGCAACACACATGTTAGTGGCTAGGG  
ACCACCGCTGAAAACAAACCTCACACGCATGGCGTAGTCGGTGGGTCTTGAG  
ATTGGCTGCCCGCAACAGCCGAAAAAGTATAGCGCCCTCGCAAGGGGTGTCAT

ACACCAGTCTCGAACAGTTGTCGGATGAGCGCCCTCAACCAAGAGGATTACGGCCGT  
GTCAACAACGACCGCTACCCCTCGCCTGGCTACAAGCTCATCTTCAGAGCAGTCAT  
TACTTGAGAATGGCAAGAAGCTCCACGCTCTGCTGCAGGCTTGAAAGCTGGCC  
GATCTGGG

>CONTIG\_157\_length\_3024\_cov\_30.668278

TTTCATGTGCTCAGCGACAAGCTTGAAAGCGCCAGTGCTGCTCTCGCCCCACCTG  
CCCCTCTCACTTCTGCTGTGAACCTCGTTGCGCATCACCGCGACTTGGCTTGCC  
CAAGTGCTGCCGGCTGGCGCGTGAGTCGCGGGCGCGTTCAAACCTCCATTACG  
CGCGGCTTCGTATGCTTGCTCGGAGACTGCGATGATCTACCCGAGTCGAGTAGTC  
CGCATTTCAGTGCAGCATTGATGACCATTGCAATGTCTCGGGATTGCCCGCAG  
CGCTCGTGTGCCGCCCTGCGCATCAAACCTCAGCGCAGGCCGCTCCCTAG  
TCCTCCGGTCCGACTTGTGCGCTGACATCAGCAAATGCACATGATGATTGCGCTG  
ATCACCATAATTGCTTGGTGTGCACAGCGACCAATACGGCGACGTTGAACCGATT  
GACGAGCAATTGACCCAGTGCTAGAGCGAGCGCTCTCCGTTGGTGTGGATCGAGTTG  
GTGCGGAAGCGACACCTGACTTCTCGGAAACCGTGCCTTGCCTCGTCTCGC  
CGCTCGTTCGCGTCCAAAATACTGTGCATCAAAGCACCCTCGGGCGCTCCTT  
CGCGCAAGCATCTGATGAAATCGACACCGCCCTGGTGGAAATAATTGTGGCAA  
GCCCTGTGCTCATATCGAGCAGATCAAACCCCTGCGCGTAAGCAGCTGCTGCGACC  
GAAGAGTCGCCGTTGCCTCGGCTGAAAGACTTCATTGTTGCGTGATAAAATGCCATT  
TGTGAAACTCCTGTTGAGCACACAAAGAACGCGCAGAACATCTGCCGTCGA  
GAGAAAAGCGAACTCGACAGCACAGAGACCTCGGTACGAGGTTTGAAAGTGGCTG  
TGTTGCCTAGCGAAGCATAGGCAACGAGGTGGCGAAAGGCCACCGACCGC  
GCGTGGCGCACGGTTCTGCAAAGCAGAAACCATAAAGTGCCTTGCTTGTGTT  
TGAAATAAGCTGCCGCCAGAAAATTCCGATTCGCGAGCCCTCCATCGATATAC  
CTGAAAGGGCATATTAAATGTTAATGAAACCTGTACAAAGCCAATTCAAACCCG  
CGACTGTCCGTAGCATCGCGTCCAACGACTCTCTTCTAGCTCTCATATATCTTTA  
GGACATAAAGAAAAGATCAGGGCATTCTGCTGCAAACCTCGGCAATCCTGCGACGAA  
GGCAATCTTGCCTCAACCGCCCCATCACCACCACCGCCTCCATGCCGCCAGACA  
TCGCCCTGCTGCTGAGAGTGGCAGCAAGCGTCATGACGGGGCCTGTTGGGTTCTGT  
CGATCTCTCGCGCTCCGCTGGAACTGCACCATCTCTGCGCCCGTTGCTGATCCAT  
TGCCGCTGTCTGCAAGGTTCTGATGCCAGGCATGGCGTTGAGCGAGGT  
TGCCGAGTGAAGCCGGCGTTGCCAAAGACAAAGGCACATCATCTGGATGA  
TCACTTGCGGAGTTAGCCGCACGTTGATCCCTGACTCTTGACGGCATGCAATA  
CCTCGGCCGTCTCTCATCGGATGTGCCCTGGGAGCTGCGCCTGGATGGCAGAAA  
ACAACCGCGTAATCTCGATGATCAGAGGGAAACGCCCTGCTGAGCGGCATCTTGAGG  
GGCCTGCTGCTCAACCGATCCTCATCGTGTGCGTTAGAGCGGGCAGTT  
GTCCCACCAAAACCTGGCGACGACGCATAGGCAGCGGGTTGGCGCTCCGGCAATAC  
GATCTGCCGCCGGCACTTCGCTTGAGTGGAAATTGCCGGCAGCGCCTCGCACCGC  
CTCTTGCTGCTGCCCTGCAATGGAACAGCCGATGGCGCATCGTTCTGTGGCATGCC

TACTCGGGCTTGCTCACCGCCCTGCTCCATCGCTGCATTGGCCGATGATGGCTCT  
ATGGGTTTCAGAGCTTCTCGGCCGCGTGTGCGCTGCCAGCGCTGCATCCAGG  
TCTTGGCCGGCAACGCCCTGTTGCCGGCAAACCTTGGTCTTGCTGGAACGCCTTACA  
GCATGCTCTGTCTCCGGACCATACTGCCGTCTGCCGGCACGCCCTGACCGTTGGA  
CCACGGGCATCCACTTGCTGCAAGCGATACTGCAAGAAACTCGACCTCCTGCCCTCGG  
TCGCCGAGGCAGGCCCTCACCTCACTGATGCCGGCGTGCACAGTA  
GCCTGAGTAGGCCTGATGGCAGAGGTCGAAGCGGATGATGCCGGCCCGCAGTA  
CGCGCAGACCGCCTGCCGCCGTTGAAACCATGCCTCCGCCTAGGCTGGACTGC  
GCCGGCTGTCGGGGTGCAGGCCAACCTCAGGTGTTGCCGGTTCTGGGTTCGCCTG  
CGCGACAGGTCGGGCTTCGGCAGGCTGGCAGCCGGCACGTCTCGG  
GCCGGCGCGCGCTGACGGATGCAGGCATCACGACCGGAGCAGGCCTACCGTCTCC  
GCAACGGCAGGCCGTGGGTGCGTGCAACGTCTCGATCCCCGCTGCCATCAAT  
GGCTGCCTGAGGCCTGGGTTCATCCACATGCCAGCGGTGACCGTCCTGCC  
GAAGCCTGCGACCTGTTGCCCTTGCGTGGACACACACCTGCCGATTGCCCTCGC  
CAACGCTTGCCTCGTAAGCATGCCGTTCTGTGGCATTGCGCATCAATGCCAGGTC  
TGGTGCACCGGCCAAGGGGGCTGCTCCTGCCGAAGTGACTGCACCTGCCGAGTG  
CCTGATGGATGTCGGCGGTGCTGGTGGTGCACGCCGACCAAGACCATCAGCA  
CCACGGCTCAGATGCTGGATGGGCTGTCCACCGAATTGGCCGGTCGATCACGC  
TCCAACGCCAAAGAGCTGGTCGCCATCAATCCCCTTGCCACGGTTTTGCA  
ACCGCAAGCTGGAT

>CONTIG\_158\_length\_2952\_cov\_6.646726

CAGGTTGGTCATGCTGACATTGCCGCGCTGCCGGCAGGCAGTGTCGATCAGAGA  
AAATTGTGCTGGCGTGATCTCCATGCTCAATAGTTAACGCTCGGGCATTAGTGT  
AACAGGCCCTAGGAAGTGCAGGCTCGCAACTGCTGATTGTTCTCAGGCATGGCA  
ATGGAAGCTAGTTCTCCCGCAAGGCCGCTCCGACGCCTGGCAAGGGCGTCAAGGCG  
ACCTATCTCGAGCTCGAGCTGTATGGCACGGCGCAAGGCAGCCTCTCCTGCTGTG  
GCTGGAGGCCGAGATCTCCTTGAGCGAGGTGAGGCGGTCTCGCTTCTGTCTAAATC  
CTGTGCAAAGCTCTGACAGATACTCGGATTCTGTGAGGCCCTCTCGAGAGCTGA  
AACTGGCGGCTAACGATGCGACGCTGGCTTCCAGATAGCCGATGTTGCTCTCAA  
GTCCATCTGGCTGCCTGAAATCCGCTCACGACGAGAGAGTCCGAAACAGGTTGGT  
GGCAGGAGGGGCAGTTCTTGGCGAGCTGACCCCGCGCTGGCTCCATCTGCT  
GAAGTCGCTTACCGCCTGTTCTCGTCAGGTCCGATCTGTTGCTGAGCAGGTT  
CTTGAGCTCTGTCGAGATGCCGCTGAAGTGCCTGATGGCTCGATGCCGGTCGTA  
GAGCACCGCGATGCGTTGAAGATCTGCTGGCTGGATATCCGAGTTCTGAGTTC  
AGGCGTCCCATCGGTGCCCTGTCACCCCTGTTAGATGTCAGCCCTGCAACTCCGA  
TGCAAGGCTCAATGCGTAATCACGAAGTGTATGGCTCATCGGAGGACGCCGCGCT  
TCAGCTGAACCTCCCTCCGGAGGAACGCCGCGTGCACCTGGCAGGAGCTCCATGC  
AGGCTGAAGGCCAGCGCACCCGCCCTCACGACGCCAGTCCAGGACCTGCGCCA  
ATCCAAGTTGATTGCGAGGACTCTGCGTCCAGCTCACTCTTAAAGCAAGATTCTC

AAAGGTCCAAGCCCCAACAGATACTCGGCAACCCGCGTGCACGCGTCTCGGATCC  
CGTAGAAAGGTATCCCAGCGATGTAGTCAGTCATCCCCGTTCTGTCGATGGCGT  
GGGCTCGGAAGACGGTTGAAGATAACAGCTTGTCTCCGCTCGTGAGGCCAA  
CTCTGGCAAGCTGAGGCCAAGGAACGACTCAAACGTGAGAAGAAGCCATCCTCT  
TGGGATGCGCTGCCCTGCCATGAATGTAGGTGGGCGCCAAGAATCCGGGTGAC  
GTGTTCAAGGACGGCTCCCTTGCTATTGACTAAGCGGTGCTGCGAGCTTC  
GTCTTGATGGCCCGCGCATGGTATGACCTCGCCAGACGCGTTCCAGTTGAT  
GAGAGTCTCGCAGATAGGATACTGATGGTCTGCTCCCTCATAGTCGAAGCTCATCCG  
AACCGCCGACGTAAGCTGTTGGCCAACGCCAACGAGTCCTCCATGCCAAT  
GCTGTAAGCAGGCTGTTGAAGAAGGTGCTCTGCCGCTCGAGTTGCGCCCTTGAT  
GATGGTCAAGTGCCGAGAAAACGTCTCCGCAATCCAAATAGGCCGCTCGGGGTGT  
CGAGTCGTAGCTGAAAGGCTTGATGATCATTGCAAGGCTCCACTCCTGGACGCGTC  
GTCGACCATCGCTCGGTGATCGACTTCCGATTCCCTAAAAGGGTCTCTCTACA  
ACTAGGACTTCATTGTCGGACAGCAGCTCCCTGCAAAGAGTCGCCATCATCGGTG  
AGCTCGTATCCCTTGCGTTGGCGTAACCAAGCCTGAAGCCTTGATAAGTGAGG  
GCGTGGCGAGCATGGATCGAACCCCCCAGGTGACCAGGTCTAGCCTCTGGTCTG  
GAGGCAACAACAAGCTGCTGTCGCTCCCTGGACTTCAGTGCCAGTTGAAGAG  
ATGCAACCGGAGCAGGCTGGAGCGATTGATGGCAGGGAGCAAAAGCGTTAGCA  
ACACTTGGCTGATCTGTAAAGGGGGCGGTGCTCTGGAGAACCGCGATGGCGC  
AGTTGAACCTCAGCGTCGACATTGGTCAGGCTCCCTGGTCCGTGCCGTAGTCAA  
CGTGCAGACCGCAAGCCACCGCGCACAGTGAGGCAGGCCAGCTCTGTGCGTTCA  
CTGTCCTACCTCATGGCCAAACTAACTAGACGCGCTCCAGATCGGTCTTGATCT  
GAATGGTTAGGGCTTCAGGCCTGTCCAAGTGATGCTGTCTCTCGACCCGTC  
GGCGTATCGTCAATAAGAAGTGCTACCCGAGATAAACCGCTGGAGCTCGTGT  
CAAGCTGCCTGAGAAGTGATCTGACTCAAGGAAGTTCTGGTGGTACGTTACCA  
ACTGATCTACGTTGCCCTGTAGCCAGGATGAGACACCTTCCAGATAGGCAGGGCT  
CTGACTTCGGAGGATGTTCTGCAAATCCTCGCCTCCGTCAGGTAGTGC  
GGGGTGGCGGAGTGCCAAGGGTTAGCGGCAGGCCATGCGCAGTCGTGAGTTCTGG  
ATCTCAACGATGTAGAAGTCTATGTCATGCAGTTCAACGCTGAAGTCAGACGAGAG  
GAAGGGAAGGTTCCAGGCCTGACCTCTGCCTGCTTCTGAGCATGCGCAAGCAA  
CTTGTGATTGATGTGCGCGTGACAAAGCACCATTGACGAATCTTGTCTCCCC  
AAGCCGGAGTTGCAAGTCCACGCTGTTTGACAGCTCAGTTGCCTAGGGAAACC  
TCTGAACAAACGCAACGCAAGATAAGCGACACTACCCCCATGTTGAGGAGTGATCCAT  
GCAACTGACGTTCGGTGACGCTGAGGGCTGGCAAGCGCAAGCAGACTGCCGGG  
AGA

>CONTIG\_159\_length\_2948\_cov\_10.714640

CGCGGGTGCCTGCCACTGACCAAGTATCGCGTCACGCGTCCAGTCGCTGGCAACA  
AGCTTGGTAGATCAGTGCCTGGCTCCAAGTTGTATGGGCTACGCGGGCGGGCA  
TCCGGCTCATGCCAGTCGACAGACGTATTGGCGGCTCGGTAAATCCAACTCACGTC

GGGTATCGAAGTCTGCCGAAAACGTTGCTGCTGCGGATGGTCAATTCCATGGCGC  
GAAGATCAGCAGCCATCGGCTGCACCCATTGCCGCCGTTGAAGCTCCACTGCCTGC  
CCAGGGAGTCCACTTGATGCGTATCTCACGCTCATCCAGGGCGCCATTATCTTGT  
CAGACACGACGTAACCAGCAACGCCGCCACTGCCAACCAACGGCAACGCCAACT  
GGGCCACCAACTGCGCCAATCTCGCTCCTGCCAAGCACCAGGCCAGGCGCTGCG  
TTGCTAGCGACGTAATTGCGCAACTCGTGCCTAGCTCCAGCAGGTTGTCCTGCG  
AGCAACGTGCCACCCGCTGACTGGTCCAATCGCATCGGTGCGCATGCCAGCAA  
GCCCGTTACGCGAAGTGCTTGGCCTGCCGACAAGCTACCTGCAAGAAGCTCGGGGG  
TGGCAAAGCCCGCTGCCCTACGGGAATGCGTAGCGGTCTGCCGCATCCGCTCCTA  
AAGCCTGCTGACTTGCAAAATCCCTGCTCAGAGAAATTAAACGCCATTGCG  
GTGCTTCGGCAATGGCTTGCAGAAAGCACAGTCGTTGAGAGCTGGATTGCCGCC  
TGGACAGGTTTCGCTCGATTGAACCATCGACTGCAGCGTTGGAACACATGCG  
CGGACTGCGTGATCGATGACCAGGCCAGCTCTGACGGCAGCATTGCCAAAGCG  
CCAATTGTGCTTGGCACTTGGCTAGCTGGGACGTTGCCAAGAAGGACTGC  
ACCCCTGGCGAATATCGTCCGCTTCAGGCCAATGGCGCATTGGTAAAGATCA  
CTATTGATCAGCCCCGTTGCATGGTGTCTGCAAGCGTTACTTCGCGGCCAGGC  
TCTGCGCCGCATGGGATCACCCGCTAGCATCTTGACCGTCAGCGCTCCGTTCAA  
ACCGATCAAGCCAAGTTAGTGTGCCAGACTGATACTGCAATTGGCCCTCCACTGT  
GTGGTGGCAAGTGGAGGCCGATGCAAGATTAACTTGCTGGCATAAAGATGCGAT  
TGCCTGCGCATCCATCTCAAAGAGGCCGTCAGCAAGATTCTTAGCAACGGAC  
TGTTATCGAGTGGCTGCTCGATAACATGATGATCCTGAAACAAACGGCGCG  
TTGCCATGAAGCCACCTCTACATGGTTGAGCAGTCTACTGGTCAGCAGCGTGGC  
AAACCAAAGCCCGTCCGAATGACTCTTGGCTCCAATCCGGCATGCCTGACAGC  
ACGAAGCACGCTATCGCACACAACAAGTATTCCAGAGTAGGGAACCCGAAAAT  
GCGCCGACCCAATAACGCCATTCAAAAGGCCAGCTGGCGCCACCGGAAAGATCG  
TAGAATTGCCATTGACGAAATCATCGCTGATCTAACCTCAACTCTGACGCTTCT  
CGTCCACTGCATCGAGCACACGCACAACATCACAAAGATACTGTGTTGGCCA  
GACCCATCTGGCAGTCGAAATTCACATTGGCAAACCTCAAAACCCGCGGATCG  
CGCCTCAAAGACGTTTTAAGCGCTCCGAGACAAGCCAGTAGCCGCTATAGATGCC  
TTCAAGATCGGGGCATCTTCTTTAGGATCGAACCAAGCCGTGGCGTTG  
ACGAAGCGGCGGGATTCCCTCCCTGACCCGACGCAAGATGCGACGAGGCCG  
GAAGCTTTCTGTTCAAATACGACGCCGAGGTCTCCAGTTGCTGCCATGTC  
CGGCAAGCAAAGTATAAAACTGCCCTTCTAGGCCAACTTTAATATTCA  
TCCGGATACTGCACCATAAAAAGAACTGAGCGATCAATAGGTCGGCG  
AACAAAAGTCGTCAGAACTCGGCTGACACCACCTGCTTCCGGTTCGCTC  
CTCAAGAACGCATCGCACGCTACAATCGAGGGCCTCTCACTCATTGAAAGATGT  
GCTGACCCAACAACCTCTGGCAGAAAAGCGAGTTGGCTCCACCGTTACGCTCAG  
CATTCCACATCTTGGCCGTCGTGGCATGTGCCAGGGTACCTGTATTGGAA  
CGCGGCTTGTCTAGCGCAGCCAATGTCGAACGACGTACACAAATAATGCG  
CCCTGGTGGCCATCTGGCAAAACGTAGTCGAAATCGCGAACTCAAAGGCAC  
CTG

GATCAACAGACTCCAGGACTTCCTTCAGTCGCTGGAGACGAGCCAATAGCCGCTA  
AAGCCACCCTCAAGATCACGGGGCGGCTTATTCTGCCTGCGCCATGGACCAAGCG  
AGGTGTTCTCGCAAGGGCGGAATTCCGCCTCTGCAGGACGAAGGATGCGCGAAG  
GAGCCGTCAGCAACGCCTCGATGTTCAATCTAACGTTGTGCCCTGGGCCACCTC  
CTCGGATGTCGGGCCGCAACACATAGAACTGTCCCTTCAGGCTCTGCTGGCAA  
GCACCGGACTGTCTTCATCTGGATCATGATGAGTTCTACTAAATCTCAGGGCTCT  
GACGCTCACCTCCGGCAACAGCCGCTGGTAAATACGCGTCTCGTAATACTTGAT  
CTTCTCGCAGAGCACCAGGGCTGGATGCCTCATAGAGGAAGACTTCCTGTCAA  
GCCCATCGCCTCAACTCTGCAGCAGCATCAAGGCGCGCTGCTCGGTCT

>CONTIG\_160\_length\_2921\_cov\_15.071582

GGATCTTTGGCGACGGTGGCCACCGCCCGTGCCTGGCGTCTGGCCGGCTT  
GGCGGGTTAGCCTGGCGCGCACGCCCGGTCGGAGTCATTGTCATGTCATGCAG  
CAACCAAATGCTTATGAACTGGGTTGAATTATCATTAGAATGACGGCACCGAGCA  
ACGCGTCTGAATTGCGATTCGCGCATGTTCATTGAATTCCACGGGAATTCCCTCATT  
CTCGAATAGATGCCAGAGCCTCTGCCGTGCTCACTGAGAAATCACCATCTCGCTC  
TCCTCCATACATTGCGACCGCATTGTCAGGCCATTGGCTGACGGCATGTATATA  
ATCGCGAATGGACGCTAAAACGTTTCCGGCAGCAACTCTTGTGATTAAAAGGCAG  
GAGATGGAATACTCGAACTTGCGCACCCGGCATGCGTCCGTGTAATAATCTAC  
TTTCTCCGAGCGCATGCGACCGCAATACATGTGGTCATGTTGTCGGTACTACAGG  
CATGTTCACTGACTGGTCCAGTGCTATAAAGGTGCCGTGTCCTCATGGTAGGT  
GTCAGACAGTTGATCCGCCACTTGACGGTAGTGGAACGATCTATCTAAAGCTA  
TACGGGGATCCCGCATCAAAGCTGTCGACACGAACCAATGGAACAAAGATCCGCT  
ACGATCTTTATTGAATTACCAGGGCATCCTCTTGATTGATAGTCAGCTATAGGA  
ACTTGTTTAGCGTATATTCTCCATCTCGCCTGCCAGTCGATGATGTGACAATCTG  
GCCGGCGCCGCTTAAACCATCGAATGCTCCTGCATTGAAGCTGCTGGTTGATGAG  
AGGATGGGGCCGTGACATTGGGAAGATGAGGGTATCCTACATTCCACCGTAT  
CGACTGCCGGAGGTGCTGAAATACATTGACCCATGATCTTACCGAAAAATATAAT  
GGCATTTCATGCTAGATCCATTACCCAGTCATTGAGGTGATGAAATTATCGT  
ATCCGAAAGCGAAGGAGGAAATTAGGAGGTGTCCTGAAAACCTCCATTAAGCAA  
CTATTGCTCGCCGTATCGCTATGTACGAATCCGTGCCGCCCTCAAGTACAGTGGC  
GCCCGAGCGATCCGGCGTGGTCAGCCGACATACGTAAAAATGACTCGAAGA  
ATCCGATTCTTGAGAACATGAAGTTGCCGGACAAAACGGCGCTCCATCGGC  
TAATCCACCAACCTCGTCCCTTCGAGGTTGGCACGCTGCAACTGTCTGCTGATCA  
ATGTAACCAAGGCTGCACACCCATGCCTAGCGCTCCAACGGGGCGGTATGCCGTG  
GACTCGCAAAGCCTGCCGTCAAAGTGTGAAAGGGTCCGGCCCCACGGTTGGCTCT  
CAGGTTGGTGTGAGATATCGGTCTCCTTAGATGAAACCGCTCCAGACGCTTAC  
GAACCTGGCGGCTCTCGTCCGGCACCCGAGAAAATCTATTGCGCGCTGTAG  
ATACACAAGCCGCTCTGCTCCAGTGAGGTGCTTAATCGTCGAGGGTCAATCACCTT  
CGGGTCGACGGTCCCGAAGGCCCGCTGATCCATTCAAGGATTACGAAAGGCC

ATGGATGACGCTCCGACCGTGTGGCTATATCGTCACCGATCGTTGCCCTCGGG  
TGTTGATGGCTGCCGCCAGAACCCGGCTGATTGGCCTCCGCCATTGACCAAGGG  
TGCCGCCGGACTGCGAATGCTGAAGAATTGTGCGGGCAATAGCGGCTCCCGTCGA  
TCATGCGGATGCCGCATCACCGACCGCTGCTACGGGGATTCGTTGCCGCTCCAAT  
CCTCGAACCGCGTACCCATTGACGTTCCGATGGTGGAGGTCATCCATGAGCGTGTGTT  
GATCTGCTGCTTGGACGTAGCCACAGCGGAAGATCTGCATCCGCTGCGCCT  
TCTGGGTACTCAAGCAGAGCAACGTCGTCTCCGCTTGGATGGCAGCATCTCCTGA  
GTGCTGGAAGTACATCCTGGCGATATTGGCAACCCGGTCGGATCCGTTCCCAGTG  
GATCGATGATAAGGACCGAACGCCGCCACCGATAATGCGGACATCCACGGCGACC  
GCATGCTCTCGTAGCCTGGCAGTACGGCTACGGCCCTTGCCTGGACGTGGGGATG  
CTTTTCTCAACCATTGACCAAGTTCCCTGGATGTATCGAGCAAAGTCAATGGCGAG  
CCGGGTTTGC CGCGGGACTCCGCGGCGATTAGCGTCGGAATGACTACGGCGTCGAA  
GATTTTTCTCCTCTCCCGCGTCCAGTTCCATCGAGCAGCGCCGGAAGCGTGCC  
TTGATTGGCGAAGGGCGTTGATGGCCTCCGTTACGGGTGAGATGTGCGCGAATCT  
TGCGCCCGTTCTGGAGTGCTTGAGGGTGCAGAGAAGCAGTGCCAATGTCAAAAGT  
GGCATTGGGTTCAAAGCGTGAGAAGGCCACATATCGGCAAGGATCGGCCAAGTGCT  
CACCAGTCGACGCGCTTGCCACTCATGGCTGAGTCATACAAGTTGCCCTGGTATT  
CTGACCAGCGCTAAAACCTTCATTGCCGGACCATCCTGCCCTGCCAATTGGGTG  
AGCCCTCGGGTTCGGAGAAGCCCGACGCGGGTGGGGAGGTAAAGCCTCGCG  
AGTGCAGTGGTCAAGAAGAAGGCAGTCCCTGCGCATGGCAGAGCGACTCAGA  
TGGCGAGGGCAACTCTGTAGCGTGGCTGCATAATGCCAGCTGCCCTCCACGCT  
TGGCTTGAAGCGCATAGACCCATGTCGATCTCCTGCAGTGACTGTAGAGACAATT  
TGGCGGGGAGCTCTGAATG

>CONTIG\_161\_length\_2912\_cov\_227.398564

CACCGAAATCCAATCGGGTCGAGCCTTGGGAATACAACCGGGAGATGTACAAGCGG  
CGCAACGAAGTAGAGAGACTGTTCCGTCGCTTGAAAGGCTACCGCCGGATTTCTCG  
CGCTCGAGAAGCTGGATGTCATGTTCCCTGGATTCCTCAGCTCGCCTAGTCGTTG  
ATGGGCTCGGATGTGTTAACAGGCCCTAGTAAATTATTAGCGAAAAGTCGAGCCA  
GTAGAGCCCTCTTCCGATACCACGCTCAGCCTGAGCTCTCGATAATTAAAATT  
GTTACGCAATTCTACGCCGGCTGCGCTTTCTAGCGAAATGATGTTACATGCT  
TGTCGCCGCTAGACATTCAATATAGAAACTATGGCTGACATGCTCATTATTC  
GATTACAAAAAGCAAGCCACCCCTCGATTACACCAATATGAAAGTTGAACAATT  
TGGAATAAAGCTTTCTGCAGCACTCACCGCCTACCTGCCGACGAAGCGAAAGCA  
GAAGCCGACAAAGCGACTGAACCTTGCAATCAACTGGCGCTCACATGCCACGCA  
CTGGGCACCTAAATACTGGCGGCATGGAAAGATCAGGAGATCAATAAAATTCACT  
ATAAAGAATCCAACGCATGAGTTACCTCATACCATGACTGCTGAATTAAATTGGGAC  
ATTGGCCATTGCGATATCAGCCTCATCGCTACAAGCGCGGATTCAAGCAGTTCAGG  
AGATGTGAACATCTTAATCGCACCTAACAGACTCCGCCAAGCTGAGCTAGCATATA  
GCGGTAAAGCGGGCTGCTCTGATCTGGACTGCCACCCACCTCCCACAC

AGTTATTCCATACCGCCGCGCCTATAGATGGCTCAAAGGCAATTACGGATTCGA  
TTCGTATTATGTTCCGCAACGGGTGCCTCACCCGAGGAGACGCTACTGGACACTC  
ACCAAAAAAAATACCGATACTCTGAGTGAAACGATCGGGTAGCCTCATCGCGAC  
TATTGAAAGCAGAAGCATAGTCGTCGATTGGTTACCAATCTGCTCGCGGGCTAT  
CCCCACTCAATACGACAAAATAAGACTGCGCTTTATACAACCAGTCGCCCGTACG  
GAATATCTATTTACAAATCACTACATCAACCATAACAAACGCTCCATAAATTATCT  
GCGCGACCCCTTAAGCCAATTGCTACAACCTTCCCATTAGGCAAAGCAATCGG  
TGGCCTAAACCGCGAAGGGTACATCACACGATCCGGAAGTGTGCGTCGATCAATGT  
AGAACTTCTCCAACACCCCCCTGCCCTCGCGCATGACCCGTGATGCCGCAATGGCTG  
AGGCCGACACACCCGCCTCATCCAAACCGCAGCGATGGTGGCGAAAGCCATGA  
AAGCCTGCCCTTCGCGCTGATTCCCTGACGTTAATGTAGACCGAAAAGTCGG  
CTCAACTGTCGACCAAAGCCCAGTCCGGTCTATTGGGCAGATCGGAAAGATTGC  
GTGTGCCAGCTGGCGACTTCATCGATGTAGACAAGAAAGCCGGATCGATCAC  
AGGTTGGCCAACGGCACAAAGCGGCGCTGTTCTGACGCTCTGCCCT  
CCCGCCCTGCCGCACGAAGAACCCCTGGCACCCATCGATCGTGTGATGCCCTAC  
ACGAAGCTGCGCGATCTCATTCACCCGCCCTGAGTAAAGCCAAGCATCGG  
CAAACCATCTGTGCGGACTTCTGGCCATGCTGGAAAGGCCACCGATCGAAG  
ATGGCCTCAACTGGTCATCGGTGAAGGGTCAACCGTGTGCTGCATGGCGTC  
GAGATGCCCGGATACCCGCAACGGATTGCTGCCAGAACCCGCCGACACCAA  
CGACACCAAGAACACCGACAAGCGCTGCGATGCTGGCAACCGTCCAGGCAG  
GCTCGGGAACTTGGATTGGCTGGCAAGCGTCACTACATCCATGACGGCAAGGCC  
TGTAGGGCGCGCTGGTCGATTGACGCCACCCACCTCACGACATCGAAAAAAT  
GCGCGCACATGGTCTGCCGTCAACTCGGACACCGCCAGGTCTGTCCC  
GCGAACAAACGCAAGGAATGGCGACTTCAAGCACTGTCTTGCTGTGGAGCTCG  
GCGACCCAAGTCCCCCAGGTGATCCGCAATCGCTTGACAACAATGTGCCAGAC  
CCTTGGCCAAGCCAGTGCAGGCCAGCGCTTGGCTGGCGACGCCGATTCCAGCG  
CAGGTTCGCGCAACAACCTCAGCAAATAGCGCTGCGTCCTCGGGGTATCGATCTGG  
GCTTGCCCAGATGCGTGCCTAGGCAGCGTCACATGGGTCAATGTGAGTTCGCG  
AGTCCTTGTCTCGAATGCGCGCAGCACTCGCCAGATCCACCGCTCC  
CTCAATGCTTGGAACCGCTCGATAGTGCATCCCCATGTAGGCAGACACCA  
GCAGCGTCGCCGGCGAACAGATTGAGAGGACGAACAAGAAAACGCGAGCCGACT  
GCCCGCAAAATCCACAGGAACCAAGAACGACATAGAGGCCGAAGGCCGATGC  
AGCAAGAGGGTTTGGAAAACGATACTCAAACGATACCTGGAGGTCGTT  
AGGCGGTCTTCAGTCAGGCAGGAAATAATCATCACAATCAACAACTAGAA  
TCGCAAGACTGGAGCGGGCGAACAGGAATCGAACCCCTCGTCAGTAGCT  
ACAGCTTACCAATTGAGCTACGCCCGTGGCGTTGCGAGAGTTAGGCGGGTGC  
GTGCGGGCGCAATGCGCAGACG

>CONTIG\_162\_length\_2891\_cov\_19.928365

AGGGTTGCTAAAGACCTATTAGAAGAAGACGCCAAGGGAAAAGTTAGGACCGAA  
GAATACAAGGCACATTTCGATTGGGTGCGATGTCCTGGCGACCGAGTCCGAC  
ATCGAAGGCCGATTGCTGCATTGGTCCAGCGTGGCCAAAAGTTGGAGCGTTT  
GCTTATGATGTCCAATCGTGGTGGATCGACTTCGTCACGGCATTCTCGTGAC  
ATCGCTGATGCTGAGTTGAACTTCTCGTAAGCTCAATGGGCTGGTGTGGATAAC  
GCAACGAAATTCTAGGCATTCCGATTCACTCGCTGCCATTGCTGCACTAGTTCTA  
GGCAATCGTTAACGCAAGACCTGTTGGTATGTATTGGCGCGTGGTCGCGCTGG  
TGATCAGTGGTAGTTAAGTCTAGTCGTTTCAGCTGACAGCACTACCAATGCAT  
TTGATGAGCTGCCAACGTTGAGCGGTAGGGCCAAGCCAGACGGTATGTTGCG  
CAGCGCATAAATGAGTTCAAGCGCCTATGACAAGCGGAAGCAGTTGCTCGTCG  
GGTTGTCGTCGCCCTCATGTGTTAGGGTGGACGCCATTGCTTTGCTGTCCTTATC  
TTTATAGCAAGCTATCCTCCTGGTGGTGGAGAAAATCTGCCAGTATTGTGGTCTT  
TCCCTGTGCCTGACGGAGTCAATAATCATCTCAGTCCCTGCTTCAGAAAGGTG  
ACGAGAGAGTTTTGCCCTATACAGGGCTTATGAAAGAAGAAAAAACAGTATTT  
TAGCCAGATCGTGTGTTATCGATGTGCCTGTAATGCTAAAGGCGCTGTTGGCT  
TGTGAACGAGGTAATAAGGGCGGCATCTTATTTATAGATGGGGCCGGTTGCGCTG  
GGAGCACCTTGTCAATGAGGTTGCCCTGACCTAACGCCCTGGACAGCTCTGATCT  
AGTGATGTGGGTTTCGCAATTTTCCAGAAGAAGGTGTTGCGACGTGCATGC  
TTGGTTCGTCCAATGCCCTGTGGAACCTCAAAATCAAGCATTAGCTATTCGGA  
GTGGAAGAGCTGGACGCTCATTGAGCGGTCTGGAGCCACTCGAAGTGCATCTCA  
CCCTCATGCAGGTGAGGGCGCTCTCAGCCTGTGGTGCATTAGAGACGTTG  
GGTGTCTGCTCATCATGTGGGGCGGAAGATGCCACCATTGGTCCGCTGAGGATT  
TGAGCATCGAGCAGGGGCTGCAATGGAGAAAAGCATCGACGTTGCTAGGTGTTA  
CTGGATGCGTTCATCATCGCGAAGGCCATGGGATATGGCGAAGCTGACGATTG  
GCGTCTGCATCATCAAATCTTGGCAAAAAAAACTTATTCTCGTCTTGCTTGT  
TCTCCTTGCCTCTCAATCTGCTTAGCGAACAAATCTCCGCTGACCTCATAGCCTT  
ATCTTGTGATGGTCTGATAATGGCTCAGGTTGCCAGTGTGGTGAATTCTGGCTCATTT  
TTATGGTGGAAAAGGCCTCGTGTAGGTATGAGTTAAAACGATTCCGATTATT  
CCATAGACATTGGCGGAATTATTCCAATTGTTGGACTTGGAACCTCCTCGATACG  
AAAGTAAAATCCAATAATGTAATTAAATTCTGGATAGCGCAACTAGTTGTTCCAAGTA  
TTTGGTCCGGCCAATGGGTGTTGACTACTCAATGATAATTGTGGGGTTGATCTGG  
TTCGGTTGATGCGCGTTGTCAATGCCGATGATGTCAGGTTGAATTGAGTGCCTC  
CACTCAGCATTAGTCTCGTGGCGGGATCTTATAAAACCGGTAGATCGATGAGGGAT  
TGCTGGTCCAGACGTTTAGTCAACTCTGTTGTTCTCCATATGCCTGTCTGGC  
GGAAATTGATGGGTGCAAGTGGCGTGCAGGGCGGCGACGTGCGATTAA  
GCTGATTGGCTAAGATGTCTATGGCATCGTTGTGTCTCATCGATTGATCTGGGTT  
CGACGGCGACCCTGGGACCCGATTTAGTTAAAGTGAAGATCGGTGGTCGCTT  
GCGTGGGTGAGCACAGACCGGATTGAATTCAACATCAAATAGCTCTGGCCCCATCTG  
ATCTCGCTGACTTTATCGATGTCCTCGGGGAAAAAGGTTCTCCATTATCATT  
CATACTGTTGATTTCATTGCCATTGCTTGTCTCCAGGTATCTGTGGTGTGT

CTTAAAAGGCACGGGGCATGTTGCTCAAGACCGACTAGACCGCACTTCGCTCAA  
AAATCCAATGAAGTTCTGCTGGCTGCACCATTGTGCGAGGAATCAATAGCCCATT  
CACTTGCCAGAGCGAGAGGGATGACTTACCGATGAGTCCTGCAGAGCTGGGTTC  
AAGTCTCGCCCTGCCCTGGAAGGCAGCGCTACCGCTGTTGCCATTCTCGGGAC  
TAAGAGTCAACAACGTCTCACCACTCGTCGACATCGTGCAGCGCCGCTGGC  
GTTCAAGCTGTTCCAGCTTCTGCCAATGCGACCGGGCTGGGTTGAAGTAGCGA  
TGAAGGTTTCAGATCTTGTGGCCCGAGATCCTGGCCGCTCCGCTGGATTGAGGT  
GGTGTCCCATTCCGTGATGCGCGTGTGGCGAAGGTCGTGCATGCGCGCGTCAAAA  
TCTCTGGGTCTCCTAGCTCTCGGCTACTGCTGGCGACCCGGTCCAAAGCTTGC  
GACGGTGTCTGCTCGAACATGCGCTTGCGCGAGGTACAAAGACCGCTCCCTTCT  
CGTTCGCTGGCTCAAAGCGCCCCGCGATCAAGGC

>CONTIG\_163\_length\_2887\_cov\_86.094565

ATGCCGCACGCCTGTTCACCGTGCCCGCGCATACCGCGCTGGACGTGGCGTG  
ACCAACTGGACGGCGGGTTCAACTACGACATCAACCCGATGGTCGGCATCTACTGC  
CGCGCCTCGCGTGCACCGCGCCAGCGAAGGCGCAACGAAGGCAACGTCAA  
CATCCCCACCGCCGACCAAGTCGAGCTGGCACCAAGCTCAATTGACACGCTGGA  
CGTGTTCGCCACCGCCTTACACCAAGTACGACCCGTACAACATCGGACCGCGC  
GGTGAACCCGACCGGGCGCAGCCGAATCCAAGGACTACCGCGCAGCGTCACCA  
ACCCGGGTATCGAACTGGCGCGGTATGGACACCGCGCAGTGGCTGCGTTCGAT  
GCGAATCTGACCTACAAACGACACCAAGGTGTCCGATCTGACCGAAAGTGGTGGCAA  
TGGCGCGGTGGCGTGGTCGATGTGGACGGCAACATGCCAACCGCCAGCCAAAGG  
TGTACGGCAATGCGGGGCAACGCTGTTCTACCACCGGAAGTTGATTGGAAA  
CCTCGTTGCCTACGCCTATGTGGCAAGCGCTACGCCGACCTGGAAAACACCACC  
GAGCTGGCCGCCTACGACACCCCTGGCGCCAACATCCTGGTCCGAGCGGGCGTG  
GGATGTGCAGCTGTCGGTGACAATCTGACCAACACGTTGCGCTACCGAAGGCA  
ACCCACGCACCGACACCATCTCCGCCAGGGCACGCGAGCCGATCTACGCCGG  
CCGATCTACGAGCGCAATTGCGGCTGGTGGTGAATTACCACTTCTGAGCGCGCTGA  
CGTTGAATGCTGCATCGCTCGATGTCAGCGCCTACGATTCCGATGCATGCCCTGCA  
GCGTGGCATGCCGCTGCAGGCCACAAAGGACCTTCATGACACCTCCGCTTGCC  
TATGCGCTGCTGTTGCAGCAGCTACCTGTTGCCAATGCCGCCCTGGGCCAC  
CGCGCGCATGCCCATCGACAGCGCTGCCAGGCGTACGCCGACGATGGCCC  
GACCTTCTCAAACAATACGCGCAGGTGATTGCCAGGGGCCACCTGCCGGATG  
GCTGGCGCAGCGAAAGCGAGCCGTTCTCAAGATCGAAGAAGACCCAACCGGC  
TGGTTCCCGAGCAGTTCTCATGCAACACCCGCCGTTCGCGTTATGCCCTCG  
TACTAGCGCTCTACGACGAACAGCGCCGCATGCCAAGCGCAACCGCAACTGGCG  
CAGCGCATGAACGTGCGCTGGCCGGCACCTGCCGTACGCCGCTACCGAGGGTTA  
CGAGCGCATGTCGCCACCATGCGTCAGATCCGCACGCTGCCGCAAGGGCCAGG  
ACACGCGCGAGCTCGAACGCACCTGCCGTTCTCGTCAGCTGGTTGCCACTACA  
TCGGCGATGGCGCGAGCCGAAACACGACAGCATTACGATGGCTGGCAAGGG

CCAAACCGAACGGCTACAGCACCGACCCGAAGGTGCACGGCAAGTCGAGAGCGA  
CTACGTCGACAAGATTGCGCTGACCCCGCAGGACCTGCTGCGCCGCATGCCGCC  
GGCGCATCAGCAGGGCGATGTGTTGAGCAGATCCTGGCTTCGACACCGGTAC  
CGGCCGTGTCGAGCAGGTGTATCGCCTGGAAAAAGCCGGCGCTCGACGATGCC  
CCCGCAGCGATGACCGCGCAGTGGCTATCTCACCGCCGGCGATGGCGGGCGATG  
CTGCGCGATCTGCTGGTGCACGCCCTGGCGAAAGCGCGCTGCAGCCGGCACATC  
CACGCTGCCCGCAGCATGGACCCGAGCCATCCGAGTACGACCCGGCGACCGGCT  
CCGCGCTGCCGGCACCTGCCAACCTGTAACCGCCGTTGGCGAGATGGTGCGCC  
GCCATTGGCCGACCGCAGCAGCAGGCGCTGGCCGAGGGTGAACGCCCTGCATTCCGAG  
CACCGCGCATAGAAATCGCAGGTGGCGTCCACGTCGCCACGGTCGATCCCAGAT  
GATCGCGTCAGTCGATCCGTATCACTCACCGCGCAGGATGCCGCAAACCGGC  
CGTAAGGCCGCGTGTGTCGCGCGTGGCGCAGCACGTAGGCCGCCGAAAGGCG  
AGCGCCAGCAACGTAGGCACATGCCAACCGCGCCCCATCCACCGTGTGCA  
GAACCAGCCACCGAGCGCGCAGTACCGCTGGAGCGCTGCGTAATACGCCAGCAGAT  
ACAGCGACGCCGATGACTGCGATGCGCACCGCCGAGCCGGCTCACCCAGGCGCTG  
GCCGCCGAATGCGCGATGAAAAAGCCGATCGTCAACAAACACGATGCCGCCACCAC  
CAGCGCCAGGACATGCCAGGGTCAACGCCACGCCGAGCACGCACAACACGATGC  
CGGTGGTGACCACCGGGCGCAGCGAAACGATCCGACGCCGACCGGCCACCGAC  
GAACGTGACGATGCCAACACATAGGCACTGAAGATCATCCGATCTGGCTCTGGCT  
CAAGCCGAACTCCGCCGCCAACGAAAGCCGGCTAGTTGAGGGCATACGA  
ACACGCCCATCAACAAAAACGCAACGCAAACAGGAAAGGCAGATTGCGATCGCG  
CAGATGCCGCCAGCGCGCAGATGGAAGCGCAGATTGATGCCGTGCCGGCGCA  
CGAAGTTGCGCACGCCAGCAACCAGAAGAATGCCAGTGCACAGCAGGTC  
GAACACGCTCAATACCGCCAGTGCAGTGCCTGCGCAATCGTAATGATCGGTAGCAGCACGC  
TCATCACGATGCCGCCGCT

>CONTIG\_164\_length\_2869\_cov\_170.489424

ACGATGCCGCAGCGACCATGGCGCGTGCCTCACCGCACAAACACTCGTT  
AGCGGCACCGAACAAACAGCGGCACGCCGTACCTGACCTGATACCATACCGCC  
ATGGCTACCACAAACGTCCCGCTTCCCACGTTCACGACCGCCGGCTACTGGTCTCC  
ACCGAGCCGAGATCCTGTCGGCGTCTTGCAGGACTACACGGCGCGTTGCC  
TACGGCAAGGCCTCAACACTGAGCTGACGACGCCAGGGCAGCTCGCGCAGAG  
CCAGGCGTATATGCTGTCGGCGCTAACGCTGCAATGTTGAGTTCGAAACGT  
CGATCCGCAAACCGCGCAAGGCGCTTCAGGACGCCGCTGGCAAGATCTACTTCT  
GACGCCAGCCGGCACCTACGCCACCGTGCAGGCAGCGTGTGCGTAGTC  
GTCAGACGTTGCCGATGGCTCGCAAGCTGTTGCTGACGACGGTTCGATATGGCGA  
CGACCAATGCCGCCACGTTAATGCCGCCAGCGCAACGGTCGTCTTCAGGCC  
TCGCCGCCGGTACGGTCCGACGGCTGGCATCAACGCCCTCGCATCTACGCGC  
GGCGGGCTGGAGTCGATCAGCAACGCCAGGGCAGCGATCCCCGGCACCGACGTG  
GAGTCGCCAGTCCTCGAAACGCCGCCGAATCCGTCAACATGCCGCCA

GGGAACGGCGTCGGCGGTGCGCGCAGCGATCGCGAATGTCACGGCGTGACAGATG  
CCTACGCTACAACAACGGCAGCGACGCCGGCATAACCTACGGGGCGACGAACATAT  
TCGATCCGGCGCACAGCATCGCGTCACTGTTGCCGGTGGCGACGAGATGGAAAT  
CGCACAAAGCAATCCACTCCAAACTCGACGCCGGTGCAGTACCCACCGCG  
GCCAGGGGCTGCTGATCACCAAGACGGTGCAGGACGATGTAACTACGTCCCACCG  
TACCCCGCTTACCAAGATCCGTTCTACGTCCGGCCTCACCGTGTACGTGCGC  
GTGACAGTGGCTAACCTGAGCACGCTGCCAGTACCTATGTGCAGGATGTGAAAA  
CGCGATCACCGAGGGCGATGACGAACGGCTTGCGACAGCCGACCGCACCACCTCCG  
TGTGCGTGCATCGCGCCAGGTCGTCGCCGCGCTACCTGCCGGCATCC  
AGGCGATTGGGCGCATACCCCCGGTGGCATCACAGTTGGCTTACTCCAAATCCGA  
CAGGCTCGCGCTGACCCCTGGCATCGACCAGGGCCGGTGAATCTCCGTTCAACAA  
TCAGCGTTATTCCCCTGGACGTCTGAGCGTGAGCGACTACAGTAAAACGGTCATGAA  
ACAGTACGCCAACAGCCCCGCGCTGTTGGCGCTGTTGGACTCTTCGACCAAGTGGT  
CGACCTGACCAAGTTCACCGATGACTCCTACTCAACATCTGGACATCGAAACGGC  
GAAGTGGTTGGCTCGATATCTGGGGCGAATTCTCGGCCAGTCGCTATCTGCA  
GATCCAGCAGGTGCCGGCGACAACCTCGGTTCAACATCAACACCGGGACCGGCA  
CGCAGTGAAGCCGTGGGTCAAGCGCCATTCTCAACGCCAGGCCGGCAAT  
GTCTCCTTGCCTACAAGATGACGCATATCGTCAGTTGCTCGTCAAGGCCGCA  
TCAAACATTGCAAGTTGCGACGTGCCGGCATCACCGTTGATGCGCGGGATGTT  
GGCAACCGCGGCCAGACCTACGTCGGGTACGATCCGATTGCCGATGCACATCGG  
CTATCACTCGAGTTCTCCGACAGCGTGGAGCGGTCTATCATAGACTCCGGCT  
GTTCCCGCAGCCGGCTGGCACGACGGTCCGATTCTGTATAAGACGCTACGTATAG  
CCCGTTGGCTTCGCAAGGAATGAATGCAGGTGCCGACCCGATTACGTGACGGGCT  
CAATCAGAGCCCCTTCTAAATTCCATCTGAGGTTGACCATGCAATCGACCAATC  
GCCCGGCTAACGTTCTGGTGCCCTCGCCCAGAACGATAGCGCGCGTCGAGATCC  
CGGCCACGACCGCCGATGCGACCGCTCTCCAGTCGCTAGGCTCTCCACCGCTGA  
CTGGCATGCCACCGAACGCCGGTGGCGTCCCGCCGAGCTCGAACAGACTTCAACGGT  
GCAATGAACCAAGATCGCGCGCGTCTGGTGGCGCTGGCGGTGGTGGTTGC  
ATACGACAGCGATTGGCGAACAAACGCCGATCGGCCGCGCTATGCCCGGGCG  
TCGTGCCGGCTGCACTAGGTGCTGGCTCTGTTGCCCTAGGTGAGTGGTACAACA  
CCGAAGGCAACACTGCCGATCCGGACGCCGGTGGCACAGGGTGGTGCCTGGCTAC  
AACTACGGCACGACGACGCTGCCAATCAGACTGGCGGACAATCACGCTGACACC  
GGCGCAAGCGCGAACGCCGGTGGCACAGGGTGGTGCCTGGCTAC  
TGCTGATCGTACCGGGTTGGGTCTATGACTGGAACCTACAAACGCAACAGCCGGCG  
CGTTCACGGTCACCGTGAAGAACGCCGCAACCAGCGCGTGTCAATTCCGAGAAC  
TCGCAGGCAACACCGGCCATTGCGACGGGTCTATCGTCTCGCATTGCCAAC  
GTCGGCCTGGCGACGCTCCCCACGCAGCCGGCGCAGTCAGCCAGACCACGGGCG  
GCTGTTGAACGTGCTGCGCTTCGATGCGTCGGAACCTACAC

>CONTIG\_165\_length\_2854\_cov\_13.818849

GCTGGCCGACTACAACCAACAGATACCGCACGACAGCCTGGCGGGCTAACACCCG  
CCGAGTTCGTGAGCAACATCAACCGCAGACCTCTAGTTTAGCTGGCATTAATTG  
CGGGGAGTCGACACCTGCTAACCGATGCCGTACCGAGTCGCACGCATCCATTCC  
GGCTTGTGCGCATGCTGGCTATGCCAAAAAAACATGTTCTGCAATCGATGACTC  
TGGTATGTCGATTCAACCGAATCTAGCAAGCCTCAAATAAGGATAGCTGCCACTA  
CCGTCTTCTGGCTTACGCATACCTGGTCGATTTCGCTGCCGGGGCGCGTGCA  
CCAACAAGCAGCAATTCTGCATCAGCCGGTGACCCAACCTTTAGCACATTGCG  
GCCAGAACTGGATGTGAATCCTGTAGCTTGCTGATATCCCCACATGAAAAGGTAA  
ATGATGCTACCTGCCATCTCAATTCCCTGCCGCTGACTGCCGTGCCCTAAAGACA  
GATGTTTCGACCTACTTCACCATTCAATTCCACATCTTGATGGCTGCCCTATAAACG  
CTTCCCGTCAGCTTCTCCCAGTATGTATGCGTACTTCCAAAGCAAGTAATACTG  
CTCATTGGCGCATAGCAGCTGCTTATCTGCTCTGTGAATCCAATTGCGA  
TTGACAAAGCAATCGGCGTAGCTAATTCAAACCTTCTGTTGGCACGTTGAGAGC  
AACCCCTCCAGGTAGTATGAAGGAGCAATTCCAGCCTCAAGTCACCGTCAGCAAC  
GAGTTACTTCGGAGATTCTCAGGACGCGAACCATGGCCTCAGCCATTATTGCT  
GTCCTGATGCTTCCGGGTGAGGTTTCCGAATGCTGCCTGGGTAATTGGCGATCCG  
TTCGCCAGCCCCATTGAAGAACAGAACGCCCTCATCGTAGTGCAGTCGAATTCCC  
CTTGAATTCCAATAACGACGAAATTGCATTGATGCGATAATGTCCTGCCTGCGCCG  
ATTTCATTGCCGCCACGGCGATGGCTTGTCTCAGCCTCACATCTGAGCCAAA  
ACGGTCAGTGAGGGCCTTCAGAACATCCTGTTGATTGATCATATGAATAGGTGGC  
TGGAACGAATGCGCGATCATAACGCCCTTATCCTGTGGTAGAGAGCTGTGAGATC  
GCTGTAGTAGACATCGTCAAGCCGTATGACCACATCAACATCACTTCCGCATAGAT  
GTTGGTGTCTTCCATAAGAACCCCTGAAGGAATACTTGAAATTCTCCCGTGATA  
CGCAGAACTGCACACTCTAGCGCTTTTATAGTGTGTAAGTTGAGGCGGACTG  
CGTGATAGATCCTGATGGACCATGTTCGAGCTGCGATTCAAGGTATTCCCATTG  
CGCCTCCCTCATGTCAAAACTCCCTAGTTGATCTCACGAGCCGAAATGACTCG  
CTGCCACGCTGCGTAGGATATTCAAGCTTATCCAGGTTGCTCCAGCAGGTCGGTC  
GCCATTCCGGTCTCGAATGTGTCGCTTATCCGAATCGTTGGGATATCCTGAATA  
GAATTTCACGCAGCTGATCCATCGATTGTTGATTAAATCTCAAGGGTCTTCTGAAGCA  
ATTGGACGGCGAGCCATTCTGGCAAATCGCATCAGCAGTCCGGCTGGGTCAG  
GGTAAATGCCTACACCGACATTACGACCCGGATATCCTATGATCCTTTAGAG  
CGACAGTCGCGTCCGCAACTGCAAACAGGGTGGATTGTTGACAGTAGCCTCCAT  
CGATCAGTTCAATCTTGTGCGCCAGCGGCTGTGACTACCACCTCCTTGAAGAACG  
GATAGGCAGAGCAAGACGCTTGACAGCGTCAGCGATGCTGACCCGAATCCGGGA  
CTGAAGGTTCCCTGCGGCCATGGGCTGCGCAACGCTCCCTGAAAGATCATGGGT  
CGTTGGTCATCCAACGGGTGGCAACGATACCGATCCCCGTATGACATCTCAAAA  
GTCTTGTCTTGGAAAGACTCCTCGCCAATTCTGGAGCGCCGCTGTTCTGCTGCAG  
CAGAGCGGCTGGACATGACTCGCGTACGTGTGCGGTAGAGCTGTATTGGT  
CTACTTCATACCCAGGGCGATGAGCGCGGAATGATTGCCCGGTACTCGTTCCGA  
ATACAAGATCGAACCTCTGTATAACGGGCACCCAAGCATAGCCTCAATTCTGA

GAACGCCAGTGTAAAAGCCCTCGCACCAACGCCATCAAGTCAAGAACACGG  
CAAGTATCGTCTTAGCGTACTCTGTGACGAGCAATGATGGCGAGCGGAGCTAGTC  
GTCATTCTTGCTTCCTGTCGCATGATGGCATTTAACTCGTCTGACCTGT  
CTAGAAGCTGGCTGATTCGGCTGTCGGTACCGCATAAGCATTGAGCTGAGCGA  
TTCCAAAATGCACTCGAGTTGCTCAGCAAAGCCTGCCACCGTAACCAAGACTAGCG  
CTTTCAGGTGCCTAAGGTAAAATGCCGAAATGACTACATGTGCGCTCAAGTAGC  
AGCCGAGGAGGCGCCTTTGTTGCGTCAACTGGGATGCTCACTTAGAGAGGCAA  
TCAAATGAAGCAGTAGCGCTTGCCGGCGCTCAGGCTTAATTGACCTGATTAGCC  
CTGACCACAGCCGCTGTCGAGGATCTGCGCCGCGCTGGTGGATGCTGCTGTCA  
CCTGAAGCCAACGAGGTGGCGTGTGAGTATCAATGCCGTGCAGTTCCAAGCGGGA  
TT

>CONTIG\_166\_length\_2846\_cov\_10.337992

ATACTGGACTGCTCGGTCTGGGTGCGCTTCATGGTTGTCTCCACCAGCGCGTTGT  
GCGCCTCGTGGAACCGACAGCGAAGCGTCCGGCCCTACCGCACCCGAGAGCGAG  
CACCGCGCAAGCGCGCGCAGCGGAGGGCCGAACAAAGCGTCAGCGTCGAGGAG  
GAGGCCTGCCCTGCGGTGGACAGCGGAGCAAGGATTCCGTTAAGAGGCCCAT  
CGCTGGTGGAGACAGCACCATGCATGCCCCACGGGCCTGCGGACCAAGCGGCATT  
TGGATGGCGGGTCGATTAATGTCAGCAGGCATGACTGGCTTGAGCCAGTG  
GTTGAACTACTGCGGACCCGTGCTGCCTGAAGCCGATGGCTGCGCATGAGAAG  
CACACAAGCTCGGATGGACTGGTCGGCACCAATGGACTCAGACGTATCGTCCG  
TGTTTCGAGCCATGCCAAGACAAGATTCCCTGGCCGACGGGACGAACTGCG  
CGTCCTCGCTCGCTGCGCTGCCTGCTCGATGGCGGGCCATGACTGAAAGCTC  
GCCAAAAGTGGCGCGATCAGGACTCGATGCCGCAATGCTGGCACCGCTGCGTCT  
AGCTGATTGAGGTGGATGCGTAACTCGGCTCGGATGGCTGAGTATCGGCAGC  
CTTGTGCGCATTGCTTGAGACGCATGCCGCCAAGGCAGCGTGGATTAAATTTCGGG  
TGCCGGACGACGCTGCTCAAGCATTCTATGGGGAGCTCTCAAAGCCTGGCAAC  
GCCCAACAAGCCCTAACGTGTAGGCCAACGAAACGCTTCAACCTCGCCAGCGCCA  
CCTGGTCCCCTACCCTTGAAGAACGAGAGTCTCCTGGTTACAAAGAAAAACGCC  
CCAGCTTGAACTGGGGCGTTCTAGAAAAGCTGACCTGATCTCAGCTGGCAGGG  
TTTCGATGGACCTACGTACCCGTCGGAATTCTGCCGCCAAGAGCCGTAGAAC  
CGCCGCCAATCAGCACTCCACCACCAACGCCGGTCCAGCGGAGCCGCCACCA  
CCACCGCCGCCGCTGAAGGCTGCTGAGCAATCTCGGCCATTCTGCCTCT  
TTCCGCAAGGCTCTCAATGTAGACCATGCCCGGCCAGTATAGTTGAGAATCTTA  
CGGTGTAGGAAACATACCCCTATAGGAGTTGTGACCCAATTCCCTCACCCAGCA  
CTTAGACGCTGCCGAATCAAGCCTGTCATAAAAAGGGCATTGGCAGGATTCTGC  
TGTGCTAAACTTGGCAGCTGCGTCAAGGGCACCTGAATAGGCACCAGTGGCGGC  
ATCGGGAGTTCCGAGCAGCAAATGCAACCCCCATAAGCCCCGTCACTGACATCGC  
AGCGACGCCAGCTTCTCATAATTCCATTACGCCCAACTCCTTTAAAAACAATT  
AACCACACAAACCTACTGACCGATTGGACGTTATCCAATACCGGTGCCCTGCCATA

CTTCGAAGTGTAGATCCGGTCTATT CGCGTTGAGTCGCAAGGCTTCAGATTCCCC  
GAGCATTCTTGCTCTGTTGAAAGTAGCTAGACATCATCACTCTCGAGTAACAGA  
GGCACGGGTATCTCCACGCATTCCGCCACACGCGACACTGCATACGCAGCAACAG  
GGTCCCCGCTTGCCTGCCCTGGAAGGACGCCAGCATATTCAATGCAAAAAGG  
TTGCCCTCAGCTCCGGCTCTACCAGACGCTGTCGCCATAGGATCAGAACAGCAGT  
AATCGCGGTCCAAGATCGTCTGCGACTTATCCCCTGCCTGAGGCCTGCTTC  
AGCAGCGCCTCTGGCGCCCATGTAGGCCTGAGCTGTTTCATTGGGAAAACCA  
TGACGATCTAGCCACTCTGCTCGGCCTGCTTCGGCATAGCCGGTCGTTATCAA  
AGCTCATCCCCTCGGGTCTGGAAACCTCTGGAAACGGATGCCTGACACGGGATC  
CAGTCGCCAGATGGGAGCCCCCTGTCAACGGATCGAGACGTGACCTGATTTGACTG  
ATTCGTTGACGCGTTGGGGTCTCGTGTGAGAGTTGCCCTGCACTTGGACGT  
CCTTACGGGCTTCATGCCCCCAGATGATGCCAGCGACTACCACGGCCAGTGC  
CACTTAGCGCTACTGCTTGTGCCATCTCACCTCTCGTAAATCCATTACAGCTGC  
TAATAACGCAGTCCTATGAAGCAAATTTGCAGATCAGCTCGCCTCTGCAAGCTCG  
TTGGTGTGGCGGCACAGGGCTCCTCACGGTGTGAGGCATCGAAGACGAGGCGATC  
TCGCGTCCAAGGCCCTCAGTATAGGCGGCCGTGCAAGACTGAGACAAACTGGC  
GTGAGCAGCGTGGCTCATGCCACTCGAGTGATTCAATCCGACGCCACTCAATCGT  
TGCAGTTATGCACCTTGCCCCGTACGGGCGCCATCTGAAACAGTAACCAGGAC  
CGGTTGCCACGCCCTTACGCACTGATGAGCCAATAGCGTTTAACCGACTT  
ATCTCCGCCCTAAGATTCTAATAACTAACATAAAACTAACATTAACTTATAT  
TCATTCAAGAATAGACCATCAAGACTTTAGTTAGCTATTACTGCAAACAGTA  
CAGAATTGACTGCGATAATCGACACAAAGTCCTCACAGCCCTGGTATATAAGG  
ATTCGCCAGGTAACGAATTGGCAATCCGGAAAGCACCCAGAGGGACACCC  
GACGCCCTAAGG

>CONTIG\_167\_length\_2814\_cov\_6.538519

ACTGTTCCGTCGCTTGAAAGGCTACCGCCGGATTTCGCGCTTCGAGAACGCTAGA  
TGTCACTTCCCTGGATTCCCTCAGCTCGCCTAGTCGTTGATGGGCTTCGGATGTGT  
TAACAGGCCCTAGTTCGAGCTATCGAAGAGCAGCCGAAACCACTAGCAAAAAG  
GCATTGATACTCGGCCTGGTCAGAACAAAGCACCCAGCGTGTACTTTACGAACC  
CCAGGCTTGCGCGTGAGGGATGGGGCTGTGATGCAAAAGCCACAGGCAAGCTCG  
GTTGTTGAAGGAGCGTATTGCAGAGTGCATGCAAAGAGATATCGGCATAACGGA  
GTCGATGGCAAAGCCCTTGTAGAATCAGTTAGGGTGTCTGGAGAGCAACA  
CTATTTCTGCTTCAAAAGGAATATCCGGTTCAGGAGATCCGAGATCATTGGA  
AAGCGGAAAGAATGTTGCATACGTGCTGACGTTGATCTATCCGTTCAAGCT  
CTACGAACCTTCCCCGGCGCCTCCAAAGCCTACTGAAACCTTCGAAGAAGTGT  
TGGCCAAGCGTGAGCTGCACTTGTGCTCTAAAGCGGGCTGATCAGTCCACGGAGG  
ATCCCCGGGTCACTCATCGATTGGCGGTACACTGGCGAAAAATGGGAGGGTGG  
GAATGTCAAAAATAGAGTTTATAAGTTGACTATGACAATGATGCGCGCCAGA  
AGGATCTGCTTGTGGCAATCTAACGCACCCCTGACACTAATTGAGTTGCCGATT

GGTCTTCTAAAGAACATCTCACCGGTGACTGGAAGGCCAAATCAAAGCCAAGATG  
GCTCATGTGGATGTAGTCTGTACTTGTGGCAAATCAATGGTCACAGCGACAGGC  
GTTTCCCCTGAAGTGCAGATGGCGCAGGCGCTGGCAAGCCTTATTCCCTACTTGCG  
GCCTATA CGGT CGGG AGTACTAAGCCAGCAGGAGCGTACAGTCAGATAAGTTATA  
TAAATGGACATGGGAAAATCTTAAGGCTCTGATAAAAAGGAGGGCGCTAATGTCCGA  
GCCGCAAGTCCAAAAGGAGCGATTGTTAATGAAATTGAAGATGGGTTGAATACC  
CCCACAATGAGAAATGGTATAGTCAGTGCAGCTACGGCAAATACATACTTTAAGCTTAA  
TGGCTGACAGGATTAGTCAGCGTCAGCTACGGCAAATACATACTTTAAGCTTAA  
ACTCCGCAATCCTAGCCTTGTGGATATTGTCTGTAAAAGAGACTGGTGAATATA  
ATTGGATGCTGCATCGGTGGGTCGCACTTCCGCCCTGGCGGCCTTGTGATTGT  
TTCGTACTCAAACCTGAATACAGCCAAATTCAAGGTAACTCATAGCATAGAAAAGA  
GGTTGCCAATAAGCCCCTATGAGGCGGAGTGGGTCGCTATGGAAGAGGGGAAGAAT  
CCCAATCTTATCGGCCTATTACCCATATTGAGAAAGCCGTTCCACTGGTGTGTTGTG  
CGCTGCATCTAATAGTCTTGTAAAGGATGTTCCCTGGGAATGGTTAGCAACGGCG  
CCAAATGGATATTGGACTGTTGAATTGGCAAAGCTGATCTTAATACTATATAC  
GAGAGCCGTGTTGGTTAATTGCGGGAAATTGAGTAATGGCGATGAGTTT  
GTGTCATCTCGAAGCAATTGGCGAGGCTGCCAAGTGAGGTGCGGCTCGCACATTAC  
TATTTTTCTATCTCCATGATGCGATTGCCGTATGTTGTCGAATACGAGGCAGCTA  
ATGCCATGGAGATAAAAGTAAATTGAGGGAAAGTCTAAAGCAAAGAATTAGC  
AAAAACGCAAACGTTATGATCCAATCACAGCGCTCCGGCATGCCGCTGCACCG  
GGAGGCGAAGCGCACAGTTGAACGCTATTACCATGCCATGAGCTCAGATTGCG  
CTCACCACTTACGAAGCGCTGAAATGTTGAAAAGAGAAAGATAATACCGGA  
TTAGCCTGCTTCGTAAGCCGTTTAGATAACCTCAGCTATTTGATGGATGGTAG  
CGGATGAAGATGGATTGATGATTACTGCGGCGACGTCAGTAAGATAACCC  
AGAAGAAGCTTGGGAATAGCGGAAAGAACTAATTGAAAATGCTATAAGGCCATC  
GAAGTTGAGGGCTATGCAGCGCAGGGCAGATTACGACATCATTAAACAGCAA  
AAACGATTCTGGCTTATGGTTATTTCACATGCTTGCAATTGGTAACAGTAGAG  
CGCTTGGAGCTAAAACATCACCTGAAAATTAAATTGATCTTAAACCCCAAT  
GATGATGATGTTATCTAACGCTTATTCTGTGTTGCCTCTAGTTATATTCTATCTCGC  
ACGTGTGGTTATGCATCTTCGACAGAATTAGCCGATGGATCCTGTTGCAAGGCC  
GCCTCATCTGAGATCGCAAGCGGCTGTTGCTACTCGGCATAAAGGAGCAGAA  
AGAATGCTCATATTGGAGGGAAATTCTGAGGCCGTTGAGTGGTCTCCTGCGCG  
GCGCCCTAAAATTACCGCACGCAACGTTGAGCGGATTGTCCTGACGGAAACAATG  
CGGTGCACGAAATGCAGGCGCGTCAATGGATTCTTGGAGGCCGTTTGACGGTT  
TAACGGAGCTGAAGCTCAGGCTCGGGCTAGGTATAGGTTCTGTCGCTGTATTCT  
TGAAGATGGGGACAGGAATGGAGTGGGT

>CONTIG\_168\_length\_2805\_cov\_19.343913

CGAGCGCGTGGACCTCGGGCAGGATGGCCGAGAAGGCTCCAGCAGCCGCACGCGT  
TCCACCACGAATTGTCCACCCAAATCGTTGATGGTCTGCCGGTCACGATTGGCCGCG

GTCTTGCCTGCCGTCTGGTCAGTGAAGAACCAAGGCGCGGCCGCTCTCGCG  
CGCCTTGGCGGCAGCCACCCGAGCGTGAAGTAGTAGTTGTCTCAAAGTGCACGC  
CTGTCTCGCGATGCTCGCGCTCTCATCGATCAGATAAGACATCGGATCGGGGA  
AGTGTTCGCCGCTGGGTAGCTGGTCTGGGGCACGGTGTGCGTCATCTGGAAAT  
ACCAGCGTCGCCAAGGCGCGAACAGGTTGTCAGATCTGGCCCGCAGACACCGCGATC  
AATTCTGCTTGGTGCAGTCCAGATCTGGCCCGCAGACCGTCGTGATC  
AACGACCGTTGCCGTTAGCACAACGCCGGGGCAGCAGGTATGCCACGGCAG  
CACATGCCAATATCGGTGGGTCGTTGCTGTATTCTGGAAGTCGCTGCATGGTTG  
GCCTCACTGAGCGCCACCGCAATGGTCCGCGTTGACGGACCATTGCCGGTAGCCC  
GCTATGCGCGGTAGTGGTTTCAAACGGAGCGCGCGTTCAGCGCTCCGGCCATT  
GCGTGTGTAATTGGTCAGCAGGACCAGGCCGATATGGATCACAAGGTAGAGCGGA  
ACGCTCCACCACGATTGCAAGCCAACACCAACGCCGCTGCCATCGTAACGACAC  
GATTGCCATGTCGAGGGATTCCAGCGATGAGACGGCGTGGACAGTGCAGCGAT  
GCACGGGCACTTCATAGCCATCGGATTGGCGTCTCGTCCATGTCAGAACACCGCG  
CCGCCGCGTAGCCAAGAAGTCAGGAAGAACGTGGAGGCTGTGAAGGCGATCGA  
CAGGCCGACACAGACCATCATCAGTTGCGCATGCCGAGCCACCTCGAAAAGG  
CGATGCCAAGCCACAGCTGATAATGGCGATGACGCCATGCCCTTGCGACAGGG  
CCGCTAATACTATTCAAGGATCTGGTCTAGCCAGCCTCCACGGCATGCCGTACCG  
CCGGCGTAGGCGCTGCCGGCACTAGGAAGACGCCAGCGTCAGCAGTGGAGGGT  
GCGAGTGTACGGAGCTTCATCGTTATATCCCTGGAATGGGTGGGGATTGATAT  
CGTTCCCTCACATGGTTGCAAAACCATTGCACACCATTGCCACGAAATGTAGCTGAC  
AACGCATACAGCTGCAATGTCAGCTACCAATTCCATCGTCCATTCTTGACGGCA  
TCGCAGTCAGTGAATTCTACACAGCACGTAGGAAAACAGCACCAACTGCCCACTGC  
TCAGCTCACTGCCGCCACCAGCGTAGACGTTGCCTCGGCGTCTGCTGGACG  
CCTCGCACCGTAGCCTCACGCACGCCGGACGCCCTTGGCCCGTCCGCC  
TCGATTGTCTCGAACCCGATGCTCACGATGATCTGCACCGTGCACGCAATCTGCGC  
GGAACCGGTAGGAACCCGCTTGCACTAGCAAGTCCTCGATGCCCTCAATGCTCG  
TTGGCGTATTGGCGTGGATGGTGCATAGCCGCCGGATGCCGGTGTCCAGGCA  
TCGAGCATGTCATGACCTCCGGGCCACGCACCTCGCCACGATGAGGGGATCTGGT  
GTCATACGCAGCGTATCGCGAACAGGTGCGTATGCTGCGAGTAATCTGGTGC  
TTCCGCACGGTGCAGGCGCACGACTTCATCAGCTCCACGCCAGTTCTAGCGT  
TCTTCAGTGTGATCACCCGCCGGTATGCGCCCCATTCTGACAGGACAGCATTG  
GCAAAGGTGGTTTGCCTGTTGGCGCCTCCGACGATCACGATGTTGCGCG  
TGCACCGCCTGACGATGATGTCGCGTGGTGTGTCAGCTGCCGTTGGTCACG  
TAATCGTCAGCGTCAGCCGACATTGGACTTCTGCGGATGACGAACGTCGGGCC  
TCCGGCGATTCCGGCGGCAGGATTGCATGGAACCGATAGCCGCTCGGGCAGCTC  
GGCCGGGAAGCTGGATTGCTTGTGCGCAATCTGCCGACGTGATCGGCCACGAT  
CTTGATGACGCCGGCGCGTGTATTCACTGCAAGCGTATGGTGTGCGAGATCCTGCG  
GCCGTCCTGGCATACCAACAGGCCGATGGGGTTAACGCGCACTCCACGGC  
TGGATCGTCCAGCAGCTCCCCGATGGCGCCACCGAGCGGGATTTCATCATGTCAG

CAGACGGCTATGCCGGGTGATGGTGGTGGACACGGTGGGATTGGCGTTCATGGGGT  
GGCCTCAGGATCGTGGTCGGCGTCGTCGGCTGCCCGCCGCTGCTGCAGGGCATC  
GAACTCGCTATCGGTTGGGACCGTAGCAGCGAGGCGGTCAACTTATCCAGCAGCG  
GCGTGCGCCGCTAAAGACCCGCTTACCGATGCGATCAGTGCCTGTAGAACAGCCCT  
CCCCTGCCCGTGTGGCCGGCTAGCGGCCGGCAGGCGTGAAACAGGTTCTCG  
TCGTGAGCGTAGTTAGCTCCACCAGCATCTGATTGCCAAGTGCACGTTGCGCACCT  
CGTTGCGCAGCGATCGCAGCTCCTCAAGACCAGCATTCTCGCTTGGCGTGTTC  
GGGTCGTAACGCTCGGCCAGCGCGG

>CONTIG\_169\_length\_2792\_cov\_4.889681

CTGGTCAAGGACGTGTTGAAGAGGACGGCATCCCGTGCATCCGCATCTCAGACGA  
AGGCGAGCAACAGAAAGTAAAGACGGAGGTCACTCTCGCACGGTGCCGCTCCACC  
CCGAACTCATCAAGATGGGCTTCTGGCTGGGTCACGAGAAACGCAAGGCTGAC  
CAGATAAGGCTTCCCGGCCACTAAGGCCACAGCGGTGAACGGCAAGGCAATTG  
GATCACCAAAGCGTTAGTCGGCACTGGCCGAGGTGGGGAAAGGCTGGGAGCCGG  
AAAAAGAGGTTTCATTGCTCCGAAGACGTTATCCAAGAGCTTCAGGGCGTGG  
GGGTGGTGTGGAGCTCCGAGCACAAATCGTGGGATGAGTTAGATGAGCAT  
CATGCCACCTATGCCGTGGTTACCGTGCCTGAAAAGCTAAACGCCCTGGCGCTA  
CATTCTCCAGGGCTTCCTCTATAAGGCTCGCTCGGGAGCGACGTGCTGAGT  
CTGACTCATAAACGCGTGGATATAATCGGAAGAATAAACGATGTTATTGTTGC  
AACTATATTATTGTGTGCATGGCTTACAGTGTAACTCGTCTCCTAAAGGGAGGG  
GCTGGCAACTTATGCCGGTCAGGCTCTTGATTGGCGGGAAAAGAGAATGGAT  
TGGCTTGAATAGCCTCGGAACAGAGGGCTTAAGTGTGAGGTAAAAGGTGAG  
CATTGAGCGATAAGGCTTACCTATTAAAGGTGGTGCCTCGCAACTGTGTTGGTATA  
ATTCTGGGTGCCTCTGCTTTGCATTTCAGGATTCCGTAAGGCGCTATTGGATT  
ACTGCGCTTATGCTTCCGATATTGGCAGGAATTGTGGCGGGGGTGGAGTCTATC  
TTGAGCGAATTGGGTTTGAAAGGCGGGATAAGAAGTCGAAAGTTGATACTATGT  
GCTATCAGACTTCAGTCTAACGCTTTCATGGGGCTGTCTCATATTGTCATTGAA  
AGTTGGTCCGCTAGGTGTCATATGGATAAGCTTGGTTGCCGGATCTATTGTGCT  
TCTGCATTGTAATCGTAACAATGCGCTTAAGAAAAGGTGCGAGTGTATAGAC  
AAAAAGTTACTCCGATTGCAAGGGCGTTGCTGTAATCAGCTTGCCTGTCGGT  
ATGTGGTTCTATGCGCTGGCTGTGCAAAACCCAACTGAGTCGTCGCCACTCGAA  
TCGGCGTGGCTAACGCTGAAACGATAATGGATCGTGCATGCAATGCACATCAA  
GCTGCGACGCACAATGCAATAGCCAGCTTCGCTCAGAGTCAGATAGCTTGC  
CTGCGTGTGATCTTTCATAGAGTAACCGCTCGCTGTCCGCTTGTATAGCAC  
TGAAGTGTGCGGTGTCAACTGTGAGGGTGTGTAATCGGAGATGTTACAGATTGAGTT  
CTATAATTGCCGAAAGCAGTTGACTGGCTATAGACCAGCTTCCATTAAATTCTAAT  
CAACTGAACTGCAAGAAGCTTGTGCATTACCCATCGAGAGGCCGTCGTTCGCTGA  
CTGCTTTGCCTCTACGCGATTGCAAGGTCTCGGGAGCTCGCAGATAT  
CAGTTCTGCTCGGGAGCATAACGGCTGCAGCAATTCTGCATGGTGGGTCGATCT

AATGTGTGAGCTGAAGCCACAAGACAAGCAATACCATGGGCAGCGCACTCAGCACCA  
GAGGTGACTTAGAAATCCGCCATCACAGTCAGCGGGTCACTGACCACCACTGGCA  
GCGGTAAACCCTGTGTCGCGCTGCCCTGCTGCCAAGCCTCCTCAGCATAGAGCCGC  
TTCGCCTTCGCAATCCTCGACGAGCCATCAACGGCCCACGATGAAGCCGAGCGG  
ACCCAGGAAGAGCAGGCAGGGCTGCCTGTTGGGGGGCATGCTGCTGCGATGAG  
CGCTATGGCGAGATATCGGGCAGGTCTGCCTTACCGGAAGCTGGTTGCGCTTGT  
TCGTGACTAGCCGCTTGAGAGCGATCTGCTGGTCACTGACCCCTGAGCTCGGCAAGTG  
GTCCGTTCAAGGAATCGAGCTGTAAGGCACCAGATTCCATGATGGCTAACGAAC  
ATCCTGGACGACTGCTGGCATT CGCTGTAAGGAAATGGCGATGAGGCCGTGGC  
GTTGAATACTAGAGCGCTGGCTCCAATAGCCACCGCAGCCAGCGGAAGCCTTCTCGC  
ACCGCGTCCACCATGACGAAGCGAAATCCTTGAAACGTCACTGTCGCACTGACGTG  
CCAGCCCCCTTGATAGCCGCCTGGCCTCAGGGATGGGTTGGCGCGACAACC  
GTGGGCATTGCTCGTCCGCCACCAGCTGCTGCTTGGCGAAGGCAGCTGAGTGGTGG  
GCACCAAGTCTTATGGAACCGACCGCCTGGTCGAAAAAAGCAGGGGTTCTGCATT  
AACGGAGGCCTACTGATGAGTTGCTACAGTTCTACTGTCGTTATCTGGTGC  
CTCTCTACGTCAGCAGTGCAGCGCTACCGTCATGGTCAAGATAATCACT  
GCAGAAACAGCTAAGGGAGCCAATCCGAGTTTTGCGGTGCCAAGCTGGCAA  
TGAGGTAGGGTAGGGCGAGTCACCATGGCCCACATAGATTGGGTTGATTGGCGG  
AGCTATGATGGCGCTTCAAACCAATGGACAGGGAGATCCATCGTAATGAACGATT  
AACAGGTGCCT

>CONTIG\_170\_length\_2777\_cov\_8.846792

GTTTCAGTCACCGCGGCATCGAAGCAGGTCTGAAGGTCTCGGTCGTCAGCTGTA  
GGACTGGTCCAAATGCGGGCCTCCGCAGTCCAACAGGGAAAGTGAGGTGCCCACTC  
GGTGAAGGTAGCGCGACCCGGGCCAGTCCAACCTCCGAGCTGGCCTGCTGGT  
GGTTATCGCCTTGAACAAAGTTGGCAGCTTGCCGGCCATTGATCGCGTGTAGA  
TCGAGCCGTTCCCTGGCTGCTGGTTGGCGCCGGTGCTGGCTTGATGCCACCA  
TCTGCTTGCGGTCTGCCAACGCCTTGCCAGCTGACGGAAGAAGCCGGCTTCT  
GTTCTTGCGTCCTGGCCTGGCGACGCCGGCACGGTCAATGCGAGCAGGGCG  
GCGCCTGCAATCCTGCGGTCTCATGAAATCCCGTCTGTTGGTGAGGGTGCTAC  
ATTCATGAAGAGTCTGCCATGCAGTGGAGGAGCAAGTCATGCTGTTGCCAAC  
TTCAACATCTGTTACGTGCCAAGGCTCCCTCGAGCTCTTGTGCTGCCGCTG  
AAACAGGCTCGGAAGTCAAGGCATCCAAAGCCAGCGGGCTTGGGGTGCTGAT  
GGGGCTCGATAAGAAGTTGGCTAGCAGCCGGTCAATCGCTACGAGAACGAGACCA  
GTGGCATCGACTGGACGGCTGGCAAGCTGGCCAAACGCTGGGGTGCGATG  
GCCTACTTAGTCGAGAACGACGACGCTACCGCCAGGGTCACTTGTGCTGGCGATG  
ATGAGAAAAAGAGCGTGTAGAACTTGCAGCGAAGCTGGAGTCAACCCGCTCCAG  
TACTTAGGGTATCTACAGCCGGACAACCGACCTCAACAAGGAGGGTTCAATGC  
AGTCAGAACAGATCAAAGCAAACCGCGTGGAGATGAACCCACATCTCACGATT  
AAAGGGGGCAAGAGCGCGGCTTCAGTCATGCGCGACGTGCTATCTGCGCATCTGA

CTTGGCGACATTGATTGGTGCAGCTCAGCATCGTTAATTCTCTGAACCTATTCAAT  
GCGGTCCATGCAGGGTCCGAGATGATTACTGGAAAGATTGGCGATAACAGTCG  
GTATTCGAACATGAAGATACCAAAGGTCTTCTGTATTAACGGAGGAAATCATGCAGAT  
GCCGGCGAACCTGAGTCTACTGGTCGACTTCATTGGAGCTATGAGGAAAAGCTAAC  
GGATGCTCCCCCGCAAATTCTGCATCACTGGCTGAGTGTCTGGCGAATCTCTC  
AAATCCTCGGCAGACAGACAAGGAATACGCCCTGAAAGCCTGCTCGAAAATGCGG  
TTCTTCTATCGAGACTCTCGATGCTACGGCTTCTGCTAAACCAACTCGACTGAT  
CTAAACCGGGCTTAATTAAGCATGCTGAATTCTTCTGAAACAAACGCTAAAG  
TCCTGATGGATCGACGAAACGTTCCATCAGGATTACGTGTCTTGGCAACGCC  
GGACACCATTGCTTGGGAAGCCTCGGTTGAACGATATGCCGCACGGCTGGCGAT  
TAGGTCCCTCAGTGTGCTGCAATGGTGCACACTGGATGAGCGGACTCAAGGCAC  
CAGTCCCACAATGCGATTCTTGGATACGCCCGCAATCAAATTCTGTTATTCTA  
CACTCACCTCAGTGAGATTATCTTGAGTCGGATTGTGATTACATCCAATAAGTCA  
AACTTGATAAGTGTGCTTAGGAAATAGCAGTCGCCCCATTCTCTAATTCTCTT  
GCAGCGCGGGATTGAATCGTCGCTTGATTAATATGATGCCGCATGGTAGTAATAA  
GATTGCGCCGACTCGAAAATTGCTCACCCAAATTGGCTTCAGATCTCGTAAC  
TGTATCTGCCTCCTCTGATAAGGGTTGAAGCTGCAAATGCAGGCTGAAGTTCATCCA  
GGCAGTGCTTCGCTCTCAAGCGAGCAGCAACAAAGCGCTGGTCAAATCGAGTTGCT  
CAACATGGATCTAAAAATGAGGTTGGATCAGGTGAGTCGATGAGGAAATCCAAG  
TCATCGATCTTGAGAAAGCCATGGTATCGGAGGAACAAAGCGTTCATTCCT  
AGGGCGCAATCCACATCGTTCTAAACTGATCTAGCTCCTTTCATAGTTCTATT  
CATTCTGCTGGCACCTAGAACCAATAGCGATCGATTAATTGCCGAATCGTCGCT  
GAACCTCTCTTGAGTCGCGACGTTCTCCTAGTCGAAAGCAAACGTGAGCGCCGA  
AAAACGTGCTAGAACGCGAGGAGTGCTATGCAACCCGGAGGCAGCCACGACGGCAAGAACGTAG  
CTGCCCATGCGAGAGTTGCTATGCAACCCGGAGGCAGCCACGACGGCAAGAACGTAG  
ATCCAAGGGCAATAAGTCGTACTGTCTATTCTATTCTGGGGATGGGC  
GCCTCGGAGTTGAAGCTGCATGAGGTTATTAAATTATGAGGAAATGCTCAGT  
AGTCTAATGCTGAGTGACCGCAGTCCTATATTCTGAGTCCTGGCTAGGGAT  
AAAATTGCTGGATCGGACCGCAAGCACACGGCAAACGTCCCCGCTGGTAGCGCGGC  
AGCTCCGATACAGCTCCAGTGCCTGATTGCTGCGCTCACCTGCCGTTT  
GTGAAGATAGTGCCTGCGTAGCACTGGACGCGGTCCCGTGGTCAGTGC

>CONTIG\_171\_length\_2755\_cov\_16.761035

CTTGCTCGCAGCGCGGCTGTCCTGGCAAGTTGCTTATGCACTTCTGCTGCCCTGATG  
TTGGTGCCCATCTCGGAAACGCTTTCTGCATCTCATCCGATAGCGTTCTCACCC  
CAGATCGCGAGTGCAGAACAGCAGGGGTCTCGCTGATATCCCTCGACCCCTCC  
ACGCTCCAAGGATGGATCGCGGTGGTCGTCTCATCGGCTGCTATGCCCTACCGGAT  
ATTCTCTGGGTCCCATGATCAATCCTTCTTCTATGCCCTGGCATTGGAAAGAGCG  
TGGTCGGATCCCTGCATATCTGGCTGGTATCCCAGCAGCCTCCTCGGAATTGGC  
TGCAGGCACAAGCTGAAGCGCATGTCCTTGAGCAGCACCACCTGTTGGCGCAGC

TCTCCAAGTCCTGCCCTCCTCGTCTGCATCGCTCTCGCGAACGAGCAGTCTGCT  
GAAC TGCTTGGCTAGCGTTATTCTTCAAAACCTGCTAGTAGCTATAACCGGCATA  
GCCCTGGTGCTTACATGTCAAAGCTGGTCACGCGTGGACGCGCAGGTGAGCACTAC  
GCTTGGCTAACCAAGCTTTACTCCATCTCGGCAGGGTGGCTGCCGGCTCTCAGGCC  
TAGCAGTGGCTTATCTCACCGCTCAATGGACAAAGCCAAGGCTATGGCATGTTT  
TCATTGGCATCTGCCTGACGTGCGTCCCCCCTCGTCTACTGCTCATCATTG  
GAATAACTGAAGGAGCGACCAGAGCCGAAGTGCATCACGCTGTTGCCCTGCAA  
TGACCTTGGCTGTTACGAGAACATGTAACCGGTGAGCTCAGTCGTATGCACAGG  
CCGGTGCAAAAATGAACACTATTACTTGACGTTGAGTGACAGCATCCAAACCATC  
ACTCAGCCTCGTCGAAACCGTCAGCCCAGAAGCACAAAGGCAGGGTCACGTCCGTCG  
TCGAGACATAGATTTATACGGCCCTTCGTCAATGTCGCTGGTGGTCCAAGCTG  
CATTTTTATCACGGCCCGAGGCTCACGTATGCCTCCACAAAAGCATATTTTAAAC  
GATATCACTATATCTTCACAGCCTCGGGCTTTTGTCAAGCAGAAATTACAGCTAG  
GGCAGCTACTGTCCAAGCCTGAGAGCTTCATCACTGCGATGAACGCCAAGCTCA  
ACGCTGCTACCTGGACTTCTGATCATTCAATGAAACTCGATAGTGACGACGAAGGG  
GCTCGTCTGACAATCTCGGTCTGCCGGCTCTAATTAAATTGTTGACCTGAGACTC  
TTCAACAATAACGCCGCTACTGAATAGCGACACCAGTCGTCAAGCACTTTCTGA  
ACCATAGGCGTACCCACAGAATGTGGCCGATACTAAAATAGAAAAGGCCACGATAG  
CTGAGGACCATACTACTCTTATAAAATTCACTCCAGCCCTATTGCAATTAAAG  
CGCTCAAGTGTGTTGAAGCCTGCCAGATGTCGGCCGGATTAGCGCTAACCA  
ATTGATGCCTAATTGGCTAGCACCAGCGGACCTCATCAGTTGACTTCTCGT  
ACCAAGCAAGCACTCGCCCTCGAACACTCGCCTTACATACACCAGCTTACCAAG  
ATTGGTTTATAGAAGACATCCTACTAACGTCGGCGAGTGGCGATGGGATTGGG  
TGGCAGGACGTATGGGTGAGCGCAAATTCTGCTGATCTTAGACACTTCATAACA  
GCGCCCAGGAGCGAGCTCCATATACATAAAACTCACTCCTTATCGAGTTCAAGCGG  
GACCCTGAACTCAACGAAGGAGATCGCATACTGATCCCGCGTCTGAACGTATTGA  
GCGAAAAGCAATGTTCAATGATCGACTTGAACCTCACCTGATGGAAATCACGGAGTC  
CAATTTCGCGGAAAACCTCATAGTTACCGGCTTACCGGATCATAGATTACCAA  
CTATTTCATCCATGGCGAGCCCTGAAATTCCATCTTCCGCAATGGCGTTGCA  
AGACAGCCATCAGCAATGTAACCGCAAGACCTTGTGCACGCCAACATTACTGGC  
CTCTCAAATAAGCACGCAATTCAACCTGATCTACAGGCGATAAAATATCTAA  
AGCAACCGACAACAAGGAAGAGTCATCCTGACCAAGCATAAGCGTCCCCTGGT  
CAACCTGTGCAGCGACCGATTGAGCCAGTGAAGACTACTTGACCATCGATCTCGG  
CAATTGCCCTCCCTTTGGAAAGTCCTGATTGCTTTGAATACATCATGAGGCG  
CGTTTACCATAGTGACCCAGGCTCCACGTATTGCGTCTGAGTGATCGTGTGAT  
GGCGATACGAGAATTGAATCGACCAATACGCCCTTGATAGCGCACCCTTTAGCT  
GCAAGAAAATTACCCCTACCAATCTTCTCGGGACAGGTAAAGGTATACCCAATA  
CCTGGCTCGCCTGAATTAGGTTGGACAGGTAAAGGTATACCCAGAATAA  
TAGTCAACAAATTGAGCGCACGTGCCTTGATCGCATGAACCTGGACATTGTCAACC  
TTACTTACCTTGGCTAGGGGGACTACCAAATTCGCACTCCGCCCTCCACATAGAAA

TTGTCTTAAGCTGAGACTTCTGAACATAGAGCCCTAGCAGCACTCTCGCTGGT  
CATTGAGCGGGCCT

>CONTIG\_172\_length\_2753\_cov\_6.168698

CGTTATGCCGTGGATTCGAAGGGCTGGAAGCACTTGGGGTTCAAGGG  
GCGAAGACCCTGCGCACGTGTCGCAGGAACACCTAGGTGCGCTCTGCTTGGTG  
AGAACGCTCTCCTCATTGGCAGCGCTGCCCTAGACATTAGCCTGACGAAA  
ATGCTGCCAATCTAGGACCCGGCCTTAATAGCCGGCATGAGTTGAGCAAAACGAAA  
AGGCAGGGGCAATGGATGCGTTCATGGAGGAACGGGGGATGAAATGCGAAG  
GATCAAATGCCTCCAAAGCCTGCCAGGTGGGGGATTCTCCGCCAACGTAAGCT  
GGACTGGAAGCACATTGAGTTCAACAAGGCCAACCCCCGTAGTCCCAGAAGAAC  
CTGGGTTTACTGTTTAGTTGGCCTGCCGGAACTTCCCTGCCCTAATTGGATA  
CCCCCTTACGTGGCAAGACTGAAAGGACGCTCAAGAAGCGTTGGGGAAATACC  
TCCGAGAGGAAAACCTAGCACCGGTGGATACGCATAAAAAAGTCCTAAAAGTT  
TTCAAAGGCAGCTCTTCTTACACCGACTTCCAGGGCACGTCGGCAGAAGTA  
AAAGAAATCGAGACAGAGCTCACGATGCGTGATGCCTCCATACAGCGATGTGGG  
ATTCACTGCGGAAGTGCCTGAACCAAGAGGAGCCTCCAGTGAGTGAGCGAATCTT  
TTGCCGCCCTGCAGGGCTCGCTGGCAGCTGGCTACTACTCAGCCTGATCAC  
GATGACCGAGCTAGTGGAACCGCTCGCTTGACGCAAGCAAAATTCACTGCAATGAGA  
AGCTGGTCAGCTGATGCAGCGCCTTGACGACAAAAACAGGACGACGGATCTA  
GCCGAGTATCTAAAGAAAACCGAGGACCGATTCTTAACTCATTGGTGTGGCGTC  
CAGGGCGGGGACCAACCTGGCACCCATTGGCCTGAGCAGCACCCCTCCGAGCA  
CGACTTAGGCGAGGTCAATTGAACGAGATCAAGAGTTAGTGGCTACCTTGAGCTCG  
AGGGGATGAAGTTCTTTGCTTGGACGGCAACATCGTCTTCTGGAATCAAGAA  
AGCTTTGGAGACGGAACGGATATCGCGAAGAAAAGGTCTCCGTATTCGTCC  
CTCACAGAAACACGACCGATGGGCTCGCAGCGAGCTCTTTATTGCACTCA  
ACAAGCGCGGGTCCGGCAAACCGACATCATCGCCTTAGATGAAGTGGAC  
CTTCCAGCCATCATCACTCGACAGCTGATTGACGAGCATCCGTGGTTAGTCGCGGC  
CAAGTGGATACAGAGCAATTGGAGCGCGATTCCACGGACATCTGGTGTGGAC  
CACCATTGGCCAGTTCTATAACGTGAACAGCATCATCAAATCCATTGCCGATAC  
CAGAGACAATGATGAGCTGAAGCTTGGGCCAAAATCGACTGTCAGATGATCGAA  
TTGAGGCATACAAAGCCGATGTTGTTGATTCTATCGCGCTCGCCAGATCGACC  
CAGCCCTCAAAAGTGTCTTGAGGGAAAGATATCGAGGCAACGGCAAGGAGGGCT  
AGAACGGAAGAAGATCCAAGGCTCTTCCGCCCCATCGGATGAAGATATTGGC  
GGAGAGCTGCGCTACTTCGAAAGAACGAAAGCGTCGCAGCTCCTCAAACAGC  
TCAAAAAAGATTCCCATAACCATGGATGCCGCCCTCAGCGATACAATCTGGAATG  
CGGAAAGGGCAGGATGGTGCCTAAAGGGCACCCCTGGCGCTCCGCTGACTCAT  
TACATGCTCGACCTCAAGCCTGGCGACGAGAAGCTTAGGCAGGACTATGCTGACTG  
GGTAGGCATCGATGGCAAATACGCGCCTCCGAATCGTTGGAAGTAAATACCTC  
ACCCAAAAATTCTCATCAACTTGACAGGAAAAGGCAATGAACCCTGCGTCCATAA

GAGCAGCAAAAGAGCTTTGGCTGAAGCGAATCGCTGCTAGAGGGAAATGAATCC  
CTTGGCCACCAAGACACGATTGAGCCCCAGCTATTTATAGATGGGTAAAAGAT  
TTGCTTGAGTCACTGATTCAAGCAGCGTAGTGAATGGCAACTTGGAGCAGGAACC  
GACGAGCTTGATCTAATACTCGTTGAGAGCGTATCGTCGTGAATAAGCCGTCGGCA  
TCTATCCGGATGTCGTAGCCAAGTGCAGGGTTCGCACTTAAGGAGCGCCAATATT  
CACCATAAAGCCAACAAAGTCATTCCATTATTCTAAATTCAAGCGTTGGCGCACG  
CTCAGTTAGCTTATTCAAGTAAACATTACCGTCGTCCACTCCTGAAACGCATCTTCT  
ATGTCCTTGACATGACTAACGACACAGGACTTGAGAAACGGTTGCCAATATCGAA  
GTCAGCAGCATGCCGCTGCTCTGCAGGGTCACGAATATCCACACTATGTCGAGGTC  
AGTAAACATCACCGCGTAGCCGATAGTATGCGTAAGCTGATCGCTCTGTATTGCCCTC  
TGGTTGCCGTAACGCCGGCCGTTCTCAAGCGTGGCGCAAAGCCGGCCTCGCCA  
CAGGGAGCCACGTCCGACGCGAACACGCGATCCAGGTAATCGACGGACGCTCGAAG  
CTGTGCGAGTTCGGTTCGCTTCTGATGATGCCACCG

>CONTIG\_173\_length\_2717\_cov\_22.880695

GGTGATCGCCGGAGGCCTCGATGATCTTGACGGCTCGATCGACCCAGGAGA  
AATCGCGAGCGCCCGCATCGACCAGCATATGGTAATGCGTCGGAAGCCATCGGGC  
GCCGGCATTCCCTCCAGTTGCTCGATGAGCTGGCCAGCTCCATGCACTGCGGCGTG  
GGGATGGGAAGCTTGGCTGCGGGATCCAAGAAGGTGCGTCTGACGGTGTAGGG  
GACGCCGTCCGACGTCTCGGTGCGTACTCCGGAGTGTCCGCGCGCAGTCGTC  
GAAACGGCGCCGCGTAGGGTGGACATGCACTTGGCGCTTCGGTGGAAACGA  
CGGTCACCAGTTGGATCGAGCACAGCGAAGTCGCTGGCTTGAGCTTGACGACG  
ATGGTGTGTCGTCGTCACCACGACCACGCGCCATCGAAGGGTAGGGATCGATGGC  
GAAGCCCAATGTCGAAGACTGCGGCTGATCATCGAACACCGCGTACTTGAACGACC  
GCACGTTGCGAGGGACATGGCCTGCGACAAGCGAAGGCATCATGGATTGACGAGG  
GAACGGTCCATGGAAATCTCCTGAGGAACAAACAAGGGATTCCCCGCCGCAAG  
GGAGAGGGTCCCTGTGGGTGGCGTTGATGGACGCGACGCGTCCTGGAATGAAAC  
GACCTGTGCGGTTCCCGCACTTGCAGCCTGAAGGTCTCGGTCGCTGGCATGTG  
TCGGCAACGCCGACGAACATGGGAAAGGATGCCCTGGAGTGGCTACCTGCTCG  
CAGGAAACGGCACGTTGCCGACCCATATTCTGCGCACGGCAAGAAAAAGCCC  
CTCGAAAGGGCTGGTGGCGAGGCCTAGTACACGAAGTAGTGTGCGTTGAC  
GCAGGGAAAGAACACGTGCTTCCACGTGTCGCCGCTGTGTTGCCACCGTCAACACGA  
CCATTCTGTAGTCATCAATGTCGGCGTCCACTAGGTGCGCCTGGCGATTGGCGCA  
TGTGCAAGCGTGCCTCATGCGCGAACACCAAGGATCTGCCGATGGAGTCGTG  
TGGTTATGGCGTTGACGCAAGCTGGCTCGAAGTCGGATGCCGCT  
CACGGCGTGTTCGTCTGACCGCTTCTAGTGCCTGGCGGGCGCGTAGCGCTCTG  
GGCATGTTGCTGACCGAGTTCAAGCGAACATGGCGGACGCGTCGCACCAAGCCC  
CCGGCGGCCATGGAAATCTGTACTGGCTCATGCCCTATTGTGCTGGGTATTG  
CTTCAGTTGTAATCCGGATAGTCCCAGCGCACCCGCTCTCCACCGCCATAGCGAGC  
GGATGCCGGGGCACTCGGGCAGCTGCTCAGGATGGCCCACGGCGTGCATCAG

CAGATGGCCAGTATCGAAATGTGGCAGGCCGTCGCCTGGCGCAGGGCCTGCACGG  
CAAGCAATTGGCGGGTAAACGCCATTGAAGCTTCATCGAACTCATAGGTATTGC  
GCTCGGTACTGTCTTGCTCGGGTGATATGCCAGTCGCCGCGCCTGCATCGCG  
TCTGGAACACCGCTGCGTCGGTGCTGCCACTGGTCGAGCACCGCCTGATACTCG  
GGATCAGCGGATGCACCGGTTGTAATGGGTGGGATGCCAAGGCCTGCACAC  
AGGAAAATCAGGAAGGCCTGCTGGTGCCTTGCGACCTGGATCAGGAAGCAGGGCGCC  
GTCCGGCTTCAGGGCCTGGCCTTGTGCGACCTGGATCAGGAAGCAGGGCGCC  
CCTCGGTGGCGTCCCATTGCGAGAGCATCGCGTCGCTGCCACTTCATGCTTGTCC  
CGAACGACAGCAACGGTTGCCCTCGGTGGCCAGGGTACAGGGCTTC  
AAACGAAATGCGATGGAGCGCATTGCCACTGCCAGCGCAGCGCTGGCGAGTTC  
GTCCAGTCGCCCTGGCGCTGAGGGCGCAGGTTGCATGGCGTAGGTGTGACCGG  
CTTGGCCTAAATCCAGCCAGACCTCGCCTTCAGGATACCAGTTGCGCCAGGCACC  
CTTCGATGCGTCCAGATATTGCGCTGCCATTAACTCATCCTCGGCCGCTGGCTGGT  
TCCATCTGTACAGGACTTGAATAGCTTCTCAGCGAGGGATGCCATACTGGCAACT  
GTTTGTGCGCTTGCCTGCCGCTTAACCATCCTCGGCCGCTGGCTGGT  
TGCTGTTCTGTTCTGGCCAGCGCCTGGCTGATTGAGCTGCTGGACCTGAGCG  
AAGCTCTCGGACACCGGGCGCTGCGGCGACTGACCGCGAAAACGCGTGGCGCATCG  
ATCCGGGCTTCTCGCCGTGCGCGACTGACCGCGAAAACGCGTGGCGCATCG  
CGCTGCCCAATGCGACCGAATCCAGGGCTTGACAGCGCTGGCTTATACT  
CCTGCAGCAGGCTGCGCAATGTTGCGCTCTGCCCTCGTCCAGCGCCGTC  
GCTGCACCGTAGCATCTGCAACACCGCATGGCCGGTGGCCGGCATCG  
CAGGGTCAGCATGGCTGTTGGCTGCTGGCTGACCCATGGTCAACCTGC  
GTTGATCTGCAGGTGCGCGAGTCTGGCTGCGACTCAGATTGAGCCGCCCCAC  
GTGACG

>CONTIG\_174\_length\_2709\_cov\_5.207591

GACATACACCCATTGCCCGGAAACCGCCCCACATTGCGGAACCCGGACA  
AGTCGCCCCAGCTTGATGGAACGACGGAAAAACGCCCGGTGTTGAGTTGTATGT  
GGACAGCGCACTTGGATGCTCCTACGCAGCACTCCAATGCGTTCCACGCACT  
CAATGGTGATCTTCATTAGCGAGCTCTACGCTCGCCGGCGTTGATCGCAGCG  
TGTGTGCGCTCTAGAAAGCACAGGTTGCTCTAGCCCTTCACCAAGCCGGCG  
GCAGCATCCGCTGCCGATTGCTGTGCCCTGCCATCAACAAAGATGGAGGGA  
AAACGTAGCCGTCCACTTGAGGCACAGCCTGAGACAAACAGCCATGATCGGTATT  
CGGATCTCGGTAGACTGCGAGGTATTGAGCTCTCCACACGGTACTGC  
TTGCGGTGGTTAGCTGAGGTGCGAATTCACTCGTGCCTAGCATCAACGCCCATG  
GGGCATGGCACCGACCGGTAGAAATATGCCATGCCACTCGCAGTGCCTCTGCAT  
CTACCAAGGCATGGTGTGCTGGACCTAATTGAGGATGAGCCTCAAAGTAGGCTT  
CCACCAATGTCGCCATCGGCCTGCGTGGATGATCTGCACATCCATTGGCCGAGGTG  
TCGGGCCGACGTAGAGACTGGGTATGGGTAGATCGAAGCCCGAGCACGTAG  
TGGAGAAGCTGGAGATCGTGGCGTAGTCCGCAAAGATCATTGGAGCACTTGC  
GGC

GTTGAGAAAACCGCGTACGTGCATGGCATGGCTGATCGGTACGGCAGGGCCACTTGTC  
CCGATCCAGCAGCGGATAGACGACGCTGCGAACGAATTCACTGGACGCCGGCA  
AGATCTCTCGCTCGCGTAGAGGTAGTCAATGCCCTCCGCCACCAGGGCGATGC  
TGACGAGTTCAGAGCCTAGAGTGTGGCCACTCGGTATCTAGAAAAAAGCGCATH  
AATTAAGTGCCGTAGAAGCAAGGCACAGTCAACCGCTACCGCAGCAC  
GAACAGGTGGTCCCCCTGGCGGGCTGAACCGGCACTGCCCTATCTGGCGCTG  
ACGGGATATAATCCGCTGCTTACCAATTGAGCTACAGGGCGTGATCGTTGCGAT  
CACGCCGGTATTCGAAAGTCGGCTCGTAGCGGTAGGCACACTATGGCTTGAGCA  
TACCATGCGCTTGTCTAACGTGCTGCGCGCGCTGCGTAGCGCCGTTGCG  
GCCGACTTCTGGCGTACGTGGCCTCGCTGAGACGGTACGTTGTAACCCGCTGCC  
AGGGTGTGGCTCGAGCTCGACGGCAGCTCTCGTAGCGCCTCAGCCAACGCC  
TGACGGGTACTCTCTCATGCTGGCGAGCGTGCTGTTCAAACGTCTGACGCTCCCGT  
TGTGCGCTCGTAAGCTGCTTAGAAGTGCCTGAGCTCCTGCCGTGCCCCATCGATT  
CTGCGTGCCTCATCTCAATTGCACGCACGTGGCGGCCCTGACGATTGCGCTCGA  
TGGTGATCACTGCCCTACGCTCGCTGAGCGCAGCAAGCTCTTGT  
CCATCTGGGTGAGCGGTACGCAAGTCCTCGCGTGGCGAGGTGCCAATT  
GAGTAAGCTGTTGATCGACAAGCGCTGGAGATCGGCCAGCGCTGTCGGCGACA  
ACCAGCGACTGCCGAGCTGGTTAGCAGCAACGGAATACTGATGAATTGCGCTG  
CAAGAACCTCCGATTGCCTAACGTACATCTGTAGTCAACGAGGTGGCACGCTGT  
TGAGCCAGGGTGGCGTCAGCGTGGCGCTGCGGCCAGCGCATGCTCCACCAC  
TGTGAGGCCAAGGTCGCTAGCTCCTCAGGGCATTGGTAGCTCAAGTTGACCTG  
TGCACGATCAGCCGCTACCCAACTTCCCCACAGGTTCCAGGCCAGCGAACACAG  
GTGTTGGCGAGCCAGTGCCAAGATGAGCACGGATGCGTCCACGGTGGCGTTC  
GCCAAGCGCGACAAGCGCTGGCGCCGTGAACATCTGATTCTGTGATGCCCT  
GCCATTGAAGTGCCTCCCTGATTGGCGCCCTGCCCTGCAAGTACGTA  
AAAGTGTGATTACTACTAGTACGCGCCCTATTCATAACGTACATTACATAGTATGA  
AGCGAAATAGCACATTAGCCACGGTGGCAGCGACGGCCGCGAGCCTGGTGT  
GAGCAGCTGGCCAACAGGCCGACCGAGCGTGAAGTGCCTGCCGAAGCGGC  
GGCGGCCAACACCACCCGAGCTACGCCACGCCCTGCCCTACTGGGCCGGCTGGC  
ACCAGACCCGCTATGGCGTTGAACTAGCCTGCCGGCAGCGAGGCCGGTGGT  
CAGTCCTGGTCGACCACATCCAGCGCAAGAACAGACCGGCTGGTCTGCGAGCT  
TCCGCCGGCGATCGACCAGGCCCTGGTGGCGCTGGCCTCAAGGCCAAGATGGGC  
CACTGAAGCTGTCACCGTGGTCCAGCGTGTGGCTGTCCACGGCGCATAAGC  
TCAAGCGCTGGCCAACCCGTGCGAGCTGCCAGTGTCCCGTACCC

>CONTIG\_175\_length\_2699\_cov\_134.473561

GGTCTATCGTCTCGGCATTCAGCCGAACGTCGGCCTGGCGACGCTCCCCACGCAGC  
CGCGCGAGTCAGCCAGACCACGGGGCGGCTGTTGAACGTGCTGCGCTTCGATGCG  
TCGGGAACCTACACCCCGTCGCCGCTGGCTAAGTACGTCATCGTCGAGGCCGGT  
GGCGGTGGCGCCGGTGGCGGCCACCGTAGCAGCTGGCGCCGGTACCGCTGCAGCCGG

GGGCGGTGGCGGCCGGTGCCTACCTCCGTACCGCGTGGTGGACTTTCTC  
GATCGCGGTCACTGTAGGTGTGGTGGCACGGCGATGGCGCTGCTGGCAGCA  
ACGGCTCTGCATCGACCTCGGCACGGCCTGGCACCTGGCGCTCGCCTGGCGGC  
TCGGCACGGCTGCTAACGCATTCCCAGCGCTTGGCGAGCGGGCAGCGGCTCGAAC  
ATCGCCACCAGGTGCTAACGCATTCTGGTGGCTCGGGCTCGGTGTAACACTACTCACTG  
CTGCTATCCGCAACGCAGGGCATCAGCGGCTCGGGCGGTCCGTGTAACAGCTCCAGGCTCGG  
CGGCGGTGGCTTCCGCAAGACCGGCTCCCGGGCTGGTAACAGCTCCAGGCTCGG  
ACGCCGTGCGTGCAGGGTGGGGCGCGCTGGTGTGCTGCTGGTACGAATACCGTA  
GCGCGCCTGGCGCACCGGGGGCGCGGTGTGGTGTGCTGGTACGAATACCGTA  
ACACGTAGCGACCAAACACAAAACCCGCCAAAGGGGGTTTGTGTTGGTGCTC  
AACGCCAGCGTTAGGCTTGGTCGCTCGGCTCGTCAATGCGGCTGCAGAAC  
TCGGCATCGGACGCATTGGGTGACCAAGTACCTGCAGCTCGAACGATCGCCTCG  
GCGAGTCGCCATAGCGTCGCGTGGCACGGCGTTGATGATAATGATGACT  
CGGCGAGCTGCCATGACTTACTTCCTAGCAAGTGAGAGAAGCTTGTCAATATACGCC  
TGTTGAATCTGCGTAGTTGGCGAAGTTCGCGCACCTCGGCACCGTATCGCTGACA  
TTCATGCCATCACGACCATGAGAACGACGCACACGACCGTAGCGGTGACGCAGAT  
CCAGATGCCAAGCCGCCGGCGTTGATGTTGACGTGCGCACGCCATTACCGAAG  
CCCGCGCCCTTGGCGGTGCGGTACCGTCCAGGCGCTTAGGAGCTTGGCTACGT  
CGTTGTTGGCTCATCCATAGCGCAAGGTTCTCAAGGGCGTCAGTAGAGTATTG  
ATGCGCTGCACGAGCGCCGAGTCGGCTCGCGCTCTAGCGCCGTGCGTAGTTCT  
GCAAGCGCTTGTCCAATGAGGTGCGCAAGGCTGCAACGTCTAGCTGCTGCACGGC  
CAGCGCTCTAGGGCGATGACTAGGCGTGGCACGACACGGCGAGTTCATCGGCAC  
GGTCGCGCATCGCGCGCTGATCGCGGCCCTCGCGATCAGCGCCCTAGGT  
CTGCCAGCGACGGTGGCCAGAGCCGCGCCACTTGCCTCCATGCGTCAAGTCCG  
CCATGCGACGGATAAAGCGCCGCCAGGGCGCGTGGCGGCCGGCGAAGCAGTAGAT  
GCCGAAGATGCCACATCAGGAGCGCGCCGCCAGGTGATGTTCCCGCCAG  
CGATGACACCCATTGCCATCATGAACGACAGAAACGTGGTCAGCAGGTAGGACAGG  
CCGAGGGCGAAGCCGATCCAGCCAGCCATGTCGCCATTGGCGTACGTGCGGGGG  
ACGCATGCGCCGAGCCGTAGAACGCCGTTACCCAGACGCCGATCAGCGCGGG  
CGGCTGCCACGACTCCGGTGGATCTGATAACCGCTGACGTGCAACTGCTGATA  
GATCACTCATTTTCTGCTCCGTGCAAGCAAAGCGGGACTGACCCAGTCCATC  
GCCACGGCGTCCACGTCTGGAGGTTAGTGCCAAGCCATGCCATTACGGCTTGG  
TAACCCATGCGTCCCATGTTAGCTCGCCAGCGCGGAATGCCAACCAACCGCAACG  
AGCGTCATGATAAACGAAATGGCGAAAGCGCTCAGTAAGTTACCCATTGCTCGAC  
GCGCTGGTCCAGACACCGACAAACGCGCCGAAAGCGATAGCCATCAGCACGTTAA  
AGGGGGCCCCGAGCCCCACGTCTAGATGAATCCATGGGTATTAGGTGAGGCTACG  
GGCGTCGAGGTGACCGCCGTTGCGATGACCAGAGCCCTAGTGTGTTGAATCCGGTC  
ACGTCGGCGACCTGCCTGAATTAGGTACACAGGATACCAACCAACTGCTGCGAGG  
CGGACAAACGCGTCCGCAAGATCATGAACACCATGTCAGGGCTGCCACCGCAGG  
GCCGCTAACCATCGAGGCGAATAGCGCTTGCCTTGGCCAGCTGGCGCGTCGATC

TTCCAGGCCGTTGGTGCACCATTGATCGCCTGGTCACGCCGACGAGGTCGTGGC  
CAGCGCAAGCGCCTGAGCTTGGACGCCGTACGGTCCAGTACCAAGAACGCCGCAT  
CGACGGCATCGGGCAGCTGGCCAACATCTCGGGGTTGGTCACGCACCGCAGGTCG  
CCATACTTCACTGCTATAGGCGGTAGTTGGCCCGTCCAGTGC

>CONTIG\_176\_length\_2694\_cov\_6.209973

CCTCAGCTCGTCCTAGTCGTTGATGGGCTTCGGATGTGTTAACAGGCCCTAGTTCC  
GCTGCAAGCCCTGCATTTCGGTGGACCAGCGCGCAAACGCTCATCGAGTAGA  
TCACGAGAAAATGAGCATGAAGTCCAGGTGCAACAGCGGCATCGTCTTGCTCGA  
AAAAGCGACCACGAGTGAGTCGCCCTCCACCCGCATTCTACGTCGTAATGCCGT  
GTAGCGGTGAGCTGTTGAGCTACCAACTCATCGCTGTATAGGCTGCGATCAACAAA  
ATAATGCGAGCGTCCATTGCTCATCCCCTTGGATAAGTAACGTTAGCCTTAAGG  
CGTCTTGGTTGCAAGTCGCTAGCGGCGCTGCCTAGTTGTTCTGAGCGAACTCAAG  
CGGGTTGTTGGCTAATCTAACGAAACGCTAGTGCATTGTTGTCAGATTGAG  
AGTGCAGTCACCCGTCCTGAGTAGCAGTCGGATTAAAGGGCATCGCAGCCACC  
GAGCCTGATTAGAGCCTGAAGATGCTCACATCGGTCTTCAAAATCTACTGAGTTC  
CCACCATGGTCAAAGCTCGCAATAAAGGTGATGAACGTCGCCACTATCGAGGCA  
GCGGGAGGTGATCTCTGATGTCCAAGCAGATTGAGCCGCTAAAGAAGAACAACT  
GGCGAACGCTCGTAAGCTGCTACTTACCGACGTCTCCACATACTCCGAGGCAGATGT  
TCGGGCAGTCATCATTGATCCTGTGGAGATTCTTGGTTACGAGAAGGAGCAGCA  
CTTCTCAGTAAATCGGAAAAACACCTGAAGGTCTTGTGCGGACCTTCGTTGA  
CTATGAGCTGTTGCTCTGGCAGGAGTCTTCTGGGTCTTGTGCGATGGCGTGTGTTGAGA  
GCGCAAGAAGCTGAAGTCCACAAGGACGAGCTGCTCCAGACGCTCGCCTATGCCG  
CCCATCCCGCGATCAATGCCGCTTGATGGCCTGTGCGATGGCGTGTGTTGAGA  
TATACGACCGAGAACAGAGTCTTACCAATCCTATAGAGCGCGTGGAAAGTTGCCAAG  
CTTGCAGAAGACTTGAAAAGCTTCAACGCTACCTGCACCTGGCAGGCTTGGTC  
TTCAAAAGCGTCGAGTTCTCGCTTGTAGCCAAAGTCATGAACCGTAAATGACG  
GCCGGTCTGATGATCTCCGTGCGATCATCAACAGGCAATTGACCTGCACAA  
GATGTCGCTCGAGAACGCGCCAGCTGCTGCCGAAAGGATCAAGCCAAGGA  
GCGCCGGGACTACTTCGCGTCGTTAGAGTTGCCGATCTCGTTGAGCACCTGATGTT  
CGACATGCGCCCTCACGGAGACATCAATACGATCGTTAAGGCGCTGTAGACAAGG  
GTGGCATCTATGGGCAGCAAGCGCTCTGAGAATTGGACGACCGCCACGCAACA  
TCAACGATGCGTTATCTGCTACTCCCTGAGAATTCTCATTGAATACGAAAGCAGGC  
CCATTAAAGCCTTCTGGCTGCCTATTGGCTGCTCCGAGGAACGCAAGTCGCCAGATT  
TGGAGGCGGCATCAAGAATTGATCAGACTGTCGTTGACCTCATTTCAGAAGACA  
AACCACGTCAGATCGTGTGCAATACTCTGCTCCGTCCGGCGCTTGGCGAAGATCA  
TCCTGGCAATCGTGCCAGCAGCCAGCAGTGTGGCACCTACAATCATCAACAGATCC  
GCCACATTGTTGACGAGCTCAATGATTGAGATGTCAGATGTTGACGTCTCCTGAAAGAGAGA  
GCCTGATCTCGTTGGACAGGATGCAGCACCTGTTGACCAATCAGTTGTATACAAGC  
ATCGCGACGATCGCGGTGGATTGACCTCGCCGGTGCCTGACTGCACTCAAGGAC

ATTGGGCTACGGAAAAGATGCTTCTGGCGATGGGACGGGATACAAGACCGCGCT  
CAAGGGCAGAGGGCTTGATAACGAGCTCCATCCGACCGAGTCACACTGGGTCGCCT  
ACGACAACCTGGGCATACCGCTCTCGCCTTCACACATAACCAGAAGTGGGCGC  
ACTACATCCAGGCCAATCATCGCACGAACGTCTAGTTATTGCGAGAATGGGTCCT  
GGCGTGCAGAGAAATGCTCGCGAAGGAGTAGATCTCACGGACCTAGCGACCAG  
CACTACGCTGATCGCTTCCATGGGCCCTCGCCTACAGAGCCTGCGCACT  
GGATACAATGCCGCTTACCGTCTAGCCACCGTCTGCACGAAAGGTCTAGGCTCC  
CTAGGATGATTCCATGGAGCACTCCGGGAAGGTGGTCTCGTTAGGAACGTTGTC  
ACATCACCGAGCTGGCAAAATGCCGCAAGGCCGGATCTCATGCAACACTCCAT  
CGCCGGACGCTCAGCGCATACCAACTGCTGCAAAAGTCGCTCATATGTGGTGTGTTG  
TCAGAGGTTTCGTGATTGCAATGAAGACATCTCGGTGCGCAGCAGAGGTCGTTCAA  
GTCGAGGGTTGAGCTGCCAACCTCCTATCCAACAAACTCTGCGATTAGCTGATCTCGA  
ACCTTGGGTTGAAGATTGTCAGTGTGCTAGGACCTCGCCAGTTGGTCCTGCTGT  
CGATCGCTTGCTCTCCAACGCCAAG

>CONTIG\_177\_length\_2667\_cov\_21.550394

CCCGGAGGCCTGATCAGACGTTGGCGATGGAACCTGTTCACGGTGGTGGACCG  
CTTGCACATTGCCGAAGCCGTGCGCGCAGATGACGTTGGTGTAAACGT  
GGGGATACCTAGTACCTGCCATCTTGTCAAAATTCCAGATGGGTTCTCTTCCGG  
GAAACCCCTCCCTCCGGACAGTCATCGCAGTGTCCAATTGGCTGCGATTGAATCCT  
CCAGCATTACCATATTGAAGTCGGGGCGAGCCATAAATTACGCTGTAAATGATATG  
CCAGTGCCTGCAATTGACTGAGCAGATAGCTTACCTGCGCTGCCCGCAGAC  
GAACGTAGCTCAGAAACCGAAGTGGCGTATCGAGCATTGCGAGGACGTCGAGT  
AGAAAAACGTCATTACAAACGGCGCTGAATCACATCTGCTTGTGCTTCAGG  
AATTGGCTTGCCTGGAATGCCAAGGCGGGTAGTGGTCCGAAACCACGCAGAATGG  
AGAAATTCTTGATTGACTCAGGTAGTTGACTTCTCGACCCTGATCATCAACCAG  
GCGCAATTGCCAGTGAGGATTGCATTAGCGCATTCCAAACCTGGTCATAAGCCTT  
CTGGATGGCCGCAGCAAAACTTTCAGTTGACCATCGTTCTTGCGAGCTGC  
CAGAGTCAGCTTTCGCCTAGCTGAACGATGATAATACGGTACCAAAAGACGAC  
TAGAACATCAGCTTCTCCGACGATGTCTTCCCTGGTAAATATTGACGTTGCATGG  
ACGCTGCCCTGACCAAAACCGCAGCCAGCCTCTAGAGGAGAATTCTCTGCAAA  
GGCCCCGGTTGTCCATCGCAGTTGCTGTAAGCTTATCATTCCACATCCAGAA  
GAAAGGCAGCTGTACAGCGCTCATAGATGGAGTAATGCTGAAAGAGCAACACTG  
ATCCTCGGTGGCAGCAAGGGGGTGGCCACAGCATTGAAGTCCCCAACG  
TCGTTAAACTGAGAATTACCGGTCGTGAGCGTCAATTGCCATGAAATCGCCTGAACG  
ACCTCTATGCTTGGCGCTCGTGTGAGCTATCTCTTCTGGTGTGAATTCAAAGTGGG  
ATAGCAAAGAAAGTGAGCGCTGCCGCCCTGTGATTTGGCAAAGGTGGCGTA  
GCCCTCTCATCCATAAGCGAACACATAGTGCAGCTACTTGCTTGTGCACTTG  
TAAAGCCATGTTCTGAAGCCAGTTATCGTCTGGCGATGCTTCTAGGAACA  
AATCACGATATTGGAAGGAGTACGCAGACTCGGAGCCGTAGAAGATTGGTCCCGC

ATCATTGAGCCGCTCCATATCGCTGGATCCTTCCGTACGCAAATTCCGATCA  
TCGATTCGAACATCGGGCGGTTAGCGCATCATGCAGCTCCTCATCAGTCGTCGG  
TACGGGATATGTGAGCCTGCATTGTCTCCGCCGTGGAAGCGTGAGGTCAAGGGGCT  
GTCGCATCATCAAACCCAGTAACGTATTGATCTCAGTCCTATGAGGCCTCATAAT  
TAAACATGTGGCTCAGGTAGATGCCTGTACTCACCTGCGTAAACTACGAGGTGCGT  
CTCGATGGCAAATTGTCAATCGCGTGGATGTAACCTGGCTGTGCCGTTAGAATAG  
CGAGATCCGCGAACACGTCAGCTCAGAACGACCAGTAAAATTATGCTTCCTTCT  
CCCAGGGACAGTAGTTATGAGCTGACTCTACGTTGCAATCATCAAGCTGGC  
ACTGAGCACCACCTAACAAATGACATCATCTTAGGTGGCATCTGTCATGACAGTC  
CGTTGCACTGCACTTATCGGTCTATGGCAGTGATTGAAACGCTCCTGGCTCACAG  
CAGATTACCTGAAACAGAACGTCAGAACAGATTCTTATGGGCCACACGAAGTCGCTT  
ATAGGCTCCAGGTGGCAATGAGTCCGCCCTACGCTGTAGACATCTGCGAGCGGCT  
GCAAATGGTCGGAGGCAGTCGTTCTGAACGTCGCTATTGGCCGATTCTGTTGAAA  
AGTCGGATCACTGAATTCTCCGGAGGCTGAGCGGTGAAGGGGCTGCTTCGGGTG  
GCTACGTGAAATCTGTATCAAATACCTATGTAGCCATTGAGATTCAATCTCATG  
CGCTTACTTCTGACCTGAGAACCGCAGCCACTTGTCAACAGAACATGGCCGATT  
TCTTCCGGTCAGGGTCGCCAGCGGACTGGTCAAATCCGATGCAAACGACTGGTCA  
AGTCGAATGCAAAGGCTGGTCAAGTCATGCAATTACTCACAGTAAAGCGAAAAG  
TCCATCCGCTATGCTCGGTGAAAGCCCATTACTCGTGGGCCAATATCCTGAAG  
CGGTAGTAGATCCATGACATGCAAACAGTGGCGATGCTTCAGTCATTCTGTC  
GCCAATCACATAGAGGCCGCTTGGCGCGTGGCCGCCACGTTAGCAGATTGG  
TTCCGAAACAGCCCAGTTGCGAGCGCCAGATCCTGCCGTGTTACGCCAATACGAC  
AATGACGACCGATGCTCTTGCCATTGTGTGGATGGTGCCGGAC

>CONTIG\_178\_length\_2648\_cov\_12.696549

ACTTCAGCTGAGCCGATCGCTGGCAGGATCTTGGCAGCGTGGCCACCGCCG  
CCGTGCCGGTCGGCGTCTTGGCCGGCTTGGCGGGTTAGCCTGGCGCTGGAGCTTGT  
CCAGCGCCTTGAGCGCGTCCGCCCTCGGCCGTAGATCTTGGCGCGCGCAT  
AGTTGGCCGGCAGCACCTCGAACACGGTCACGCCAGGCCAGCAGCTGGAGGCG  
GCGGTGTCGAGGCTGGCAAACACGCCGGGTGCCGCGCTGGCCGGTCAGTTACAT  
TTCCAGGGAAAAGCCCTTGGAACTGGCAGTAGGAAAAGGAAAACAGGGTTGGA  
AAGGTAAGCCTGTTCAACCTGCTGAACAGGCAGGATGGCGTTCTGTTAACAA  
TGCATGGGTGAAACATGGCTCGCACGCTGAAAGACATCGCTGAAAAAGCCAAG  
GCGCAGGCACCTCTGGTAAAGCTGGAGCAAGAGGCCAAGACATGCCAAGGCCG  
AAGCCACGAAACGCTTCCGAAGTGGAGTTCTGAGCACCTACGAGAC  
TACACGACGCAGCAAAGCGGGAGCTGGCGCGCTGCTGGGTTGCGAGAAGAA  
AGCCGGGAAGGTGGCGGAACGGCGACTCGGGCACCGAAATATCAGATGCCGAC  
GGCACGACCTGGCAGGAAATGGCAAGCATCCGACCAAGTTTGAACGGCTCGC  
GACGGCCGAAGGCAAGGCTGGCAGAAGAAGCACCCGAACGAAAATATCCCGCA  
TACCCCTACAGCCGGATTGATGGGGCGATGGGTTGAAATGGAGCCCCGGGAAAC

CGGGGCTTTTGGGGCGAGAGGTTGGAGGCGAAGAGCAAGAGCGGCTAAAGCAA  
AGAGCCGGCGCGCTGCCGCCGTGTCGTGGAGAAAAGAAAAGGAAAGCTGCAG  
CGCGTCCGCCGTCTGGCTTGCTGGAAATGTGAAGTGCTCAAAATTCTCA  
AATCTGCTTCCGCCATCAGTTAAACTAGTCGGAAAATGATCGGATAAACCTA  
TTGCGGATTATTTGGATGTCATAACCTGAATGTGTAGAGAGGGAAATGCCCTCCACT  
CGATCATCAATCATTATTAGGAAAAAGACATGCACATTACACTCTCGCAACCGACG  
GAACCCAAGTCATCGCTATTACCCAAGCCCGTCTAGCGGTGGCGGGAGTATGGG  
CATCCCCTCATGCTTCAGCGATTGACTGGCTTATTGACCAGGCGATTG  
AAGAGTTGAGTAAGAAAGGCCATGCCATGCGAAGAGCTCGAGGTGATCGAGCGC  
TGGAAAGGTGGACTCCCAGAATCAGGGGCTCGCTCCGCTTCGGCAAGACCTTGCT  
GCCCTGCGCGATGAAGTCGGTACAACCTGAATGGCAAAGTGCTGTTGCGACAGA  
CGATGACGCGGATGACCGGTGGAATCGTTAAGCCCATGGTTCGCGCCGTCGGCCT  
TGATGACATCCTGCCAGCCAGCCCCATGCAGCTGAGTGGGGCGCCGGTCCCCCGTCGCA  
CATCACACGCCAGCCCCATGCAGCTGAGTGGGGCGCCGGTCCCCCGTCGCA  
TGTCGAAGTGGGGATGAGCTAACTGTCGTACGAAGAGCGGGAGTAGCTGGGAAG  
CAGTCGTGCAAGGCGTGGTCTGGCAGGGGTTGCAAGTTGCGCTTGCCGAACCACCA  
AAGCCAACCTGGCGTTGCACGGCGTGTGGGAGTGCACGTTGACGAATACGACATGTG  
AGGCACCCATGGCAGAGCGCCGCCGCTACTCGCCTACGAGCGCCCTCCGGG  
TCCACGTGCTACTCGACAAGGACATGCACGCCACCTGCAGCGCTACCGCACACC  
ATTCCCCACTCCAGCTGACCCGGTGCCTGGCACGTCCGACTGCTGACTGCACAA  
GAGGCCGCGGCATGCTGGTCTGCTCAAGCCCTCATGAGGACCCATGACTCGTT  
ACATACTCCACCGAAAAAGAACCGAGCGCTCGGTGCACAGATCCACGAGACC  
CGGATCGACCCAGCCAGCAAGCAGGCTTCCAGGCCCTGGCAGCAGCGCAGGGCTT  
GAGCATGCGCGACGCGCTACGCAGCTCGTGGAGCAGCATGCGGTGATTGGGAGC  
CCTTACAGCCGCCAGCCAGGGAGAAAGAGCGCATTACACGGCGATGCTTCCA  
GAGGTTGAGGTTCCCCCGACGTGGCCCTCGCCTGCTGATGACGCCAACAGGCC  
GGGATTGGATGACAGAAGGCATTGCGCAGTTGGTCTGGCGAGTGTGTCCAGGCTA  
GCGGTTGAGCGGTATGGGGTGAGCGGGACTGGCGGGGATGCCGCTTTTGTC  
CCGACGGTTGCAAAGGTGAGGCAGAAAAAGGGCAGGAGCCTAAGGTATCCCCA  
CGTTTACAGCACCAACGTCATCTGCGCGCAGGCTCCGGCAATGTGCGCAAGC  
GGTCCAACCACCGTAAACAGGTTCCATGGCCAACGCTGATCAACGCCCTCGCGG

>CONTIG\_179\_length\_2612\_cov\_79.856740

AAGCTGGCCCCGCTGGTGGTCTGCGCCCCGGCGAACTGCGCGCGCGGAATGGGA  
CGAAATTGACCTGGACGCCGCTGTGTGGCGCATCCGGCCCGAGCGCATGAAGATGA  
AAGTTGCGCATCTGGTCCCCCTGTCAGTCAGGCGGTGGCGATCCTGCGCGACCTGC  
ATGCCCTGACCGGTGGCGGCCAGCATGTGTTCCAGGCCTGCGCCCCATGCGCCCCA  
TGTCGGAAAACACCATCAATGCCGCCCTGCGCGCAGGCTGGGCTATTGCGGAGCAG  
ATGACCGGCCACGGCTTCCGCAGCATGGGCCACAAGGCTAACGAAATGGGCTG

GAACGCCGATGCCATTGAACGGCAACTGGCGCACGCCGAAACCAACAAGGTGCGCG  
AGGCATACACGCATGCTGCGCAGTACCTTCGAGCGCACCCGCATGATGCAGGCA  
TGGGCCACTATCTGGACGGCCTGCGCCTGGCGGTAACTCGTGCCTGCGCTGCGGGC  
CAAGGCAGGCTGAGCTTCACCGAACAAACCGCACATAGCCCACGGGGCGAAAAGC  
CGGATACCCCTGCCGGCCTGGTGCAGGGACTATTCAGGGCGCAAGGGTGCCTGCAT  
GTCGACTACCGAACAGTGCAGCTGCAAAGCCAGCTACATACGAATTAGCAATTAT  
GTGAGTGGCTTCAGGTGCGCTAGAGATAGCGGAGATGCGCAGAGTCGAATCTGTA  
ACGCTCGCAAAAAAAACTGTATATGTGGCTCTGCAGAAACTTGGATCGAACGA  
CGGAGATACGGAAGGCGCCTAGCCTATGCACTGGAATGCTATGTGGACTGCTTAC  
CGGGGTGGGAGATGACAAAGCTCGTCAAGCTGATCTTCCATGGCGCAGATC  
CGCCTTGGGAGCTGAGCGAATTTCATCTGTTGGTCGCGTCATTCTAGCCGATCAGG  
CACTTTCGCATTCAATCGCGAACGAAGAACAGCAGCGACTCCTCGCCGCATGCTCT  
ACGCCGACGCTGTTGATTGCCAGAGCAGCTGGAGGCCAGCTACGCCGGCTGCTGGT  
GCCGAAATCCTGAGACCAAACCTAGGCAAATACCACGCTGTAATGAGGTCAATGGA  
AGAAAGAATTGCTGGCGATAAAGAGCAGAGAAGCCGCCAAGAAGGCAATGCC  
GCGAAACTCAGAAAGGATCCAAGCAAGCAGCAAAGTCTCAGGCGCTCAAGATTG  
GCAGGACTGGCAGTCTGGAAGGCCATCCATGCCCTCCGGGCTGCATTCGCGGCC  
ATGTGGTGGAAACAACGTCTATTGATGACCCGAATACGGTGCACCGTGATTAGG  
CAGTGGCGAAAAGTAGGCGATCCGGTAGCGCCTAGGCTGTACGAGTACGACCGTT  
GAACGCTCGCCAAGGTGTATCTAATAGGCATGCCCGGCCAATGGCGGCCCAA  
CTAGGCATACCATGCATCACATTCACTCCCCGAAACGGGTTCTGCGACTCCCC  
CAGATCGTCGGCCGCTGCCGACCCCAAGACCAACACCATGCCATCCGGCCCT  
GTTTCCCGTATCCCGTCCACCTGGTGGCTGGTGTGCGCTCCGGCCGCTATCCGCA  
GCCCGTTAAGCTGGCGAACGCTGTACCGCTTGGCGGGTCGAGGACATCCGCGCG  
TGATCGAGACTGCCGGCAAGGAGGTAGCTCCATGAGCCGGAACAGCACCCATACCC  
CGGGCACTAAATCGCGCCCGAGGTAAGCATCATCGATACTCCGCTCCGCCAAC  
GCGCGCGCCTGCTAGCTCGCTCGGCCGGACCGGTGACGACACTGGATGCCCGG  
CGAGACTTGAACGTGTTCGTGCCCGCGTCCCGTATTGAGTTGCGGCAGGAGGG  
GCACCCCATCGTGACGCCCTGATTGGTGTGGATGACCAAGGACGCCACATA  
GCCCGTAGCGCAGTACCGATGCAATGGAGGTGGCTGATGCAATCCCTGAGAA  
ACAACGCAGCCCGCGAGGCGGGCACGGCGCACATGCTGGTAGGCTGGTGC  
GTCGAGACTACACGATGGCGGCGGCTTGTATCTGGCGTGGATGGCCATGGAGGCG  
GCGCAGGCCAGCTGAAGCATGGGCACGCCGTACCGACGAGGCCACACTGGCCG  
CGTGGATGCGGCCGATCTGTTGAATGCAGCACCGCTGTGCTGGAGGGTCCCG  
AGCCGGCCTGTTCGACGGTGTGGAGCGTCCACCGCGCGCTGGGCCATACGG  
GGAGGCACCCGATGAGGCCAGGAAACGGGAACGCTTCAAAGGCCAAGTCGG  
CGGTGCATTTCCGGTTAGTGTGAAAGTGCCTGGAAAGTCCGGCTGCGC  
CTCCATGAAGGCCGCGCGCTCTGCTGGATTGGTGCACATTCAACGGCTACAA  
CAACGGGGACCAGAGCGCGCGTGGTGGTTATGCACAGCGTGGTTGGAAGTCCA

AGGACACGCTACGCAAGGCAGTGGAGCTGCTGGATGCTGGATTGATCGAGCAG  
ACCCGGCAAGGCAGGCGCTGCACTGGTG

>CONTIG\_180\_length\_2612\_cov\_41.812072

AGCTCCACCAAGCATCTGATTGCCGAAGTGCACGTTGCGCACCTCGTTGCGCAGCGAT  
CGCAGCTCCTCAAGACCAGCATTCTCGGCTTGGCGTGTTCGGGTCGTAACGC  
TCGGCCAGCGCGCCTCCACTACAGCGCGAACCGGGATGCGCCGCTCGCGGGCTTC  
GCGTTTGCGAGCTGCATGAGCCGTGTTGACTTGGGTGTGCAGGATGGTCTTACC  
GTCAGATTCTTCATGGGAGCATGTTAGTCATGTCGTCGCGCTGCATCCATGCCA  
TCGGCTTGGCGGGGGCTGACGGTGATTTCATGGGTGTCGATATCGGCATCGGCG  
CCGATGTCGTCACTGGGCATGGCGCGCTCGACAGCCGCTCCGGTGCAGGGCGTC  
GGCTCAGGGTGGCGTCCAGGTGCGGGAGTCTTGGACGGCCGGTTGCAGGGCGC  
CGCCACCGCAACCGGACCCACAGCGGGGTGAGCTTGGCCACGGGTTGCCGGCGA  
CTGGCGGCCGTAGGGGATGGCCTGGCTGCGGTGTTGGCAGTGGCGCGTACTTGT  
GCTTCGGGTCCAACACCTGCCGCGCTCATCGGTGCGGACCAGGTGCGCGGAAC  
TGGCATCGCTGTAATACTGATCTGACCGCCATGATCGCGGCAGGCCTGCGACCA  
CGATGATCTTCTGGTGGGTCCATTCCCGCACCTCGCCTGGCGTCATCAAGGCGC  
GTGCTGATTCCCTGGTGGACACCATCACGTGGCCCAGCCAGACAACCGCCCTC  
CGGTGTAGTTGGTCTGCTGGTGAATCTCGGTGTCATCCCGAGCGAATCGCTGATGC  
GCTTGGCCGTCTCGTCGGTGGCGCATACCACACGTGGATGTGCGCACCGTCCA  
TGACGGTATTACTCGGCCCGTAATATTACGATTGGTTAGCTCTGGTATGATCAT  
CATGCACTTGATGCCATAGCCGGGACGTAGCCCAGACCTCCTCAAAGAACTCCAA  
TTTCCCCAAGGACGGGAACTCATCGACCAGCAACAGCAGCCGGTGCTTGGCCCTC  
CGGGTGCAGTTCTCGGTGAGCCGGGGTGATCTGTTGCAGCATCAAGCGGAACA  
ACGGCCGCAAGCGTGATTGTCGCTGGCGGCTGATCAGATAACAGCGACAGCGGG  
TATTGGCGCGCATCAGGTCGGTGATGCGAAAGTCGCTTCGCTGGTGCAGGGCACCC  
ACGATGGGGTCGTAGTAGAGGTTGAAGAAGCTGCGCGCCGTCGAATGCACACCGCT  
GCGCTCGTTGGCGCTCTGTTGAGCATGGCCCTGCTCCGATCGAACGACCGGGATG  
CACCTGCCGTTGCGGTGCTGGTGCGAGCATGTATTGAGCGTCGCTTCCATCGTG  
CGTCCGGGTTGTCAGGAACATGGCGATGCCGGGAGCGTCTATCCGGCTCGCG  
TAGAGGACATGGAGCACCAACGCCAGCAGCACGAGTCGGCCTCTGCTCCAATG  
GTCGGGTTGCCCTGCCGTCCGGTCAACCAGCATGTCGTTGACCAACGCCAGTCAA  
CTTGACCTCGTTATCACCTGGTGAATCTGGCCAGCGGATTGAACCGGAGGTGTC  
GCGCTGTGTCGGGTTGAATTCAAGCGTAGCCGATCCGGCTCCGATAGCCGATG  
CAGTTCCCAGTTCTGCCCTGATGTCGTTGACCAACGCCAGCATGTCGCTGCCAGTCAA  
GAGCGTGGGCACAACGATGCCAACGCCCTGCCAGCGGCTCGCGCCGTGACTT  
CCAGATGCTCCGGGCCGGTGTGGGTGAGGTATTGACCATCCTCGGTATGCCGAGCA  
CCACGCCAGCCTGGCCGAGCAGTCCGACTTCGATTTCGGGGGCTCGGCCAGC  
GCGCCGAGCCGTGCGTCAGCACTCCTCCTGGCGCGGGTGCAGGTAGATGGCCACC  
GCCACCATGACCACGAAACCCAGCACCGCAGACGCCAGCACGACGTAGATGCCCT

GGTGAAGATGTCCGGCGCGTAGGCGTTGTAATCCAAAGCCACGGGAAGTATGACC  
AGGGCGCATAGATGCCGTGCCCTGCGATCTGGAACCAGGGCACACCGAGCTGGGC  
TGATAGGCCAGCGCATAGGCCACGTACTGGCCCGCCCACACGCCTAGAAAGAT  
GCAGGTCAAGCAGGCACGATGGACCGCCCGTAGCCCGCAGCGTGGCGCGTT  
TCTCGCGTTGTTGCTTGCGCATCGGTTAACCTCCGTGTGAGTCCTAACGATT  
TGCCCTTGTCCAGCACATCCATTGCCCGAAGCGGATGCGCACCGACTGGAAGGCTT  
GGTCATGCTTGGCCCTCGCCAGCTGCACCGCGACGGTGTGCCAAGCTGGCTT  
GCAGGCCATCCTCGCCGGCACCAACCGCAAACGTTCCGTTCTGCACAATACCGCGT  
GGGGCCGCTGGCAGGTTCTGATGGCTCCACGGTGCCCTGAAAGCGGCGGGCC  
ACATCGAGATTGACCGGCTGCCGTACTGGACGCTAGCCGTTCTGTGCATCGGCC  
AG

>CONTIG\_181\_length\_2602\_cov\_116.302626

CCATGTATCAGCAAGGCAATGATCATAAGAGCGAACACCACCCAAACTCTGGGAT  
TTGTCTGATTATCTTCATCACTACGGGGACACACGCCGCTCCACTGCTAGCAGAAA  
CATCAAACCGTCATGGCAGTTGCATTAACGATGCCCGACGCAGCTGTTCAATT  
ACAGGTATTTTCCGTTGCTGCAGCTTTCAAACCTTCAGAGCACCTGCAATG  
AGACTCAGCAGCATCGACACTACAGCGAAGTGAATACAGCACAGATGGTGGCCGC  
ATACTGTGCAAGGTCCAGCAGGACTATGAGCGAAGTTCGATAGGCCAGAACACCA  
AGCTTGCAGTCAGTAAGGTTGACATCAGCAGGATAGTCCACATGCACTGAACGCCCT  
TGGGTGACCGGTACCAATGTGCATTGGGGAGGGAAATACGCTATACATTACATCGC  
TCCTACGAGCTCTATTAACTAACGGCGAACGTGATCAGGGCACGGGATGAACTTT  
TAGGGATACCAAGTTGGAAGTCTTATTGCCACCGGCTCTGCGTATCTAAGCTTCG  
CTTGATGATGAAACCTGGCAGTGCATTCAAGGATGTATCAGAACTTTCAAAGATTGG  
ATCCGAGCAGTTGGAATAAAATAATCTGCACTAAATATTACAGAGGTACAGTC  
TTTTCTGCCTGGGCTGTAACCTCAAGTGCACCGCCCCCGCAGTGTGTTGCCTTGG  
CTGCACAGGTTTACAGACGATTGCAGCATGTGCAATCCGCACTGTCAGCAGCAGG  
ACAACGGCAACGTGCAGCATTGCACCGACAATGCCACATAGTGCACAGCCGAG  
CAGGACATTAAACGTCGTGCGATAGGCCAATGCGATCAGGGTATGGAAGGGCGA  
GCATCAAGACAACAACGATCATCAGATTGCAAGGCTCTGGCAGACCGATACCAA  
CGTGCCTCATGAGGGAAAGAGCGCTATCCACTGCATCGCTCTATGACGTGCGAGT  
TACCTACTTCGTTGAAACCTGAAGTACCCGGCGTGCATGCCGTGCGCATGGG  
GCAGACCCGCGAAAGATCTGCGACGCTACATTGAAACAGTATGGGTTGGTGC  
GTCTCAATGATATTAAATATTGGTTCCAGCATGCGCTATAAATTACTTGCAGTGA  
TTTCCGGATTCTGCCTCGCAAGCTGTGCGGATGCAGATGCCATTCAATTG  
TTGATCTGCAAAGAATTGTACATTCCCTACCAAGTTGGGTTACCATTAAATCTGTGG  
TTCCCCAATGGCAATACATTGATTGATAAGATAAGCCGATTTACAATCTTTTCG  
CCGTGCTTGCAGCGAGCGAGTGCATCACTCTCCGCTTCCGTTTGAAAGCTTC  
CGGTAGTCACCCGAAATTCCGCTCCAAGTCCAGTGATCCATTGCAACAGCACCC  
ATGTTTAATCCACTTGCCAAGAGGGCGAGGTTCCGCCGGCTGCTGAGCATTCCCT

GCGGGATGGCGCGCATGCTGCTACTCCCTGACCTCCGATGGGATACTGGCCAGGT  
GGGCAGCCTGCTCTGCTCTGGCAGTCACCGAGAAAAACTAAAGATAAAACGCACAC  
ATAGAAAAAAATTCTCATCGCAGTAAACCTATATTCTTAAGTGAAGCTACTATCT  
TTAGGACCAGCTAACGCCACGTGACCCAGATGGCTGTGAGGTTATGCCTGATCTGGA  
TTTCGCGTTAGATTGCCGTTGCCAACGTTCCCAGCTGAGTCGCTAGAAGGTCTGT  
TATTGTCTCTCCAATCTGCTGCGCATATAGGACCCGGCCGGTTGCCCTGTGGTCC  
AGGACTTGCTGAGGCCACGATCAAATGCTGAATATGCCATGAACGTTCCCATATT  
ACCCTGCCAAATTGCAGCCGCCAATGTTGGCACGCTGATGATCAACCCGGTCATGAT  
CAGCCCCGATACCGCCCTGCTGCAGGGCTTGGCTAGACAGTCCTCTGCATTGCCAA  
CGTGATGAGTCGGCAGCCCAGTAGGCCGGCCACTTTGCTGTGAATTCAGCAC  
CATTGCTGTGACCACTGACAGCATTGCCATCGAGAACAGCGTGCCGATCACGTAGA  
ACAACCACCTCTGAACAGGTCTTGGTCTGGTCGAAGATCAGCGCCAGGATGAAAA  
TTGGTCCGATCCCGATCAGGAACGCCATGGTAACCTGAAACAACAGCAGCATTGCC  
CCAGGCCGCATCGCGGACTGGCGGTGCCGAAGCCCGCCATCAAGACAGCGCGGCC  
TTTCTTCTCTATTGCCCTCCGGATCGGTGGCGTCACGCGCACCGCATCCAGCGCGGT  
CAGCGCCACCTGCGTGTAGGCAAGATTTCGTGATCGCATCGGAGGCGGTGCTGTC  
TTTATCACCCTGAAAAGGCCATGGATCTTTGCCAGGTTGGTCATAGTCTGG  
TGCAGCATTGCCGTTGACCCGACAGCGGAAGCAAGGCTGATGATGATCGCGAC  
CTTGCCTGCCTGATCATGGCGCCATTGCACCTTCACGC

>CONTIG\_182\_length\_2587\_cov\_198.976016

GCAATCTCGAAGTACTTGGCGTCGCGCTCGATCCCGATGAATCCCGCGCCGTGTT  
ATCGCAGCTACGCCGGTCGTTCCGCTGCCATGCAATTGTCCATGACGACATCGCCA  
GGATTGGGTAGGGCGATTAGGTATTCCATCAGTGCACGGGTTCTGAGTGGGG  
TGACCCCCCGATTGGTAGCAAAATCAAGGATGGTAGTCGGGTACCCGGTTACGGTT  
TGACCGTAGTTGCTACATTTCCATAATTGCCACGATTGGTTCTGATACCATAA  
CGTCCGTTGGCCTTGTGCCTTGAGGATTGTATGTGGGTGTGATCGTAAAATACCG  
CCACGTCTTCAGTAATTCTCAACGGTTGTTCTGGCGTTAAGATGCCGGTAGGCTT  
GGATTCTTCCACACCAACAGTATTAAAGTCAGCAATGTTACTGGTTATTAGGC  
GGTGGTGAAAGGCTGCCCGTGAGGACAATCGCGCCGACAGATGCCGGT  
AGTGCGCCACAGTCATCGAACGGATGACCGAATCCATCGTTTGAGTCGTC  
CGTACGGCAGATCACACAGAACATGTCGACCGACTGGCGGGATTGCGGCATT  
ACGTCGAGGCAGTCGCTTGGTGAAGTTGCAGCATGTTGGGTGCTCTAGTACTTGG  
GGTCGTAGCGAAAGGTTCCATTGCCATCGCGATAAAGCGCAGCTCGGTGAGC  
CAGGTGATGCCGCTCGGTCTTGTAGCGTCAGCTCGACGGTGCAGGATGATG  
TCACGTTGAGCAGCACCGCGTGTGCCTCGTCAGCTCGACGGTGCAGCTTCC  
TCGAAGAACCTGCGCGCTTGCAGCGAAGAACCGGTTGTGGCGGTCTGCGATTGAAG  
TCCAGGCGCAGCTGTATGGCCCATAATCGGTGTGATAGGCGAATTCCAGCACGCTG  
TCACCCCTCGGGACGCACGTCGGTGTGGTCACCGGTAGCGTGCACGCTCC  
AGCTCGTCACGCAGGATGATCGAACCTCGTCGATGTCGATCCGTCGCCATA

CCCGAGGTCGGGTCTTGGCTGGCTACGCAGTCGTGATAAACCCCTGCCGC  
GGACGGCCGCAGTGCAGACAGGTATGTGCTCCGGATCGTAGAGATAGCCGCAGCC  
AGGCTCGTCTGGCGCGAATCCGCCAACTCTAGTACCAACACGTAGGTGCCTCGGT  
GATCTCCGGCTAGGCGCCGGAAAGCGAATGCCCTCTCGCGCTGCCGCTGC  
CCCTGGGCTTCATCTGCTGCCTGCACCCCCACAGGCCAGCGCGCTGTCA  
CTGTTCTAGGTCCGCATTGATCGGCCAACAGCGCGAAGTTGCCACCAGCGTCCAG  
AACCTTGCATTCTCTTGCCCTAGCGGGTCGGCCGCCGCTCGACGGTCTGCCG  
AAACTTGCCTGCGAACCGCTGGCGAAGTTAACGACCAAGGCCGTCGACGTGTGGCG  
CATTGAAACCGATGCACAAAGCGCTGACCGAACAGATGTTGCGCTCTTGGCCA  
TGAACCTGCCGATACCGTTACCGCTCATTCTGTCCAAGTCGCCATAGATCAGCG  
TGGACGTTCGCCGCGCAGTAGCGACTCATGCATCATCGCGCATCGCGACGT  
TGACGCCGAACCACATTATGTGCTTACGGTAATCGTCCGGCTGATCGAATTCTCTA  
GCGCGACCGTGACGACTCCTCGGTCACTTCATCGCTCTGCAGCTAGCTGTGACT  
CGTCGAAGTCCTCGCCTTAGTGCACATTGACACGTCAATCGGGAAAGCGGA  
TCGTCGGCGAGACGATCGGTGCAATGTACCCCTCGCGCATCAGCGGGTTGAGTTGC  
GCCCGACTGTCAGGTCGATCACCTTGGCGTGAACAGCCGCACTGCGACAGTGGC  
ACGGTCTTACGCCCTTCTGGCGAACGGCGTCGCGGTATTCCGATGAAACGCACA  
AACGGATTAGCTCGCGCAGCCCTCGACAGCTTTGACCGACTTGAGAGACAGG  
TCGAAGCCGTCGGCTCGTCAACGATGACATAGTCATCGGCCAAACCGTCGGATC  
TGCCGCCATACCGATTGGTGCCTGCGAACGTGATTTGCGTGTGACGGTCTTGC  
TTGAGCGAGGCGCAGTAGACGCCGATTGCGACGTCAATCGGGCTGGCAAGTAGCC  
CGCCGCCTCTCCCGGGTTGACTGACCGACTCCTCGACGGCGCTAGAACCATGAC  
GCGTGCAGACGGCTGCAGGCTGATGAGTTCCCTCGGCCAGCATGCCCGCAGAGGG  
ATTGCGCCCGCCGGTGACGATGGCGAGAATCGGATGGGTGTTGCGCGCGGACTGG  
ATCGCCGAAATGCCGGCGTCGACCGCTTCGCGCTGGTACCGCGGGTGGTGC  
GCCATGTGTGGTTGCCTGCTCTGTGGTTGCGTAACGCCAACGTTACAGCAAAC  
GCCTACGTCGAAAGCCTAGGCCTTG

>CONTIG\_183\_length\_2587\_cov\_30.643902

CGCCCCCGGATTGTCAGGAGAAAAGGCCAGCTCCGGTCCGAGAGCAGGGACAG  
CGCGGTAGCTCGAGCGAGAAACATCTACCATCACTGTCTCCGGTCAAAGTATTG  
TCGTATGTCCAGGACGACTGAAGCCGGTAGTGGTAAATCGGAAAGCCGCATC  
GACTCCCTCATGAGCTTCGATTCCAACGCTTGAAAGGTGATGCCCGTGGAGACGT  
GAGCAAGTCGCCACCGCTGATGATGCTGGCCAAGCGCTGTTGATTTGGTGGC  
CCACCGCTCTCTCCAGTCAGCGGTGGATCTGGCCGGCGCTGCGACGACCAAGC  
CAGTGGTCGCTCTCGGCTGCGTCTGAAGGAGCAGCCGCTCATCACGCCACTC  
CACGGCGGTGTAAGGGTCAAATCCGCACCAACAGCGTCCCTCAATCTCTCCAGCCG  
AACCGAGATGGCTTCGTTGAGTTGCGCCCAGACTTGGTCCCCGTGAGCTCGCTTCC  
GTAGGCCGCTCTGAGCTGGATAGTTGGCTTCCGCGCGATGTCGCTGCTCGTCCGT  
TTCGCCCTCTCGCGCTGGCAACCATAAGGGAGTGCCAGAACGCTTGAGTCTGGG

AATCAGCGGTCGCCGCCAGGCCAGAGCCAGAAGGGCATCGTAGATGAGTCCTA  
GCGCCCAGCTGTCTCGCGTGGGTCCAGCATCCAATGCCATTGAGTGTGGATTCA  
GTGTGTGCAGTGACGCCAGTATTCTGCGCCTTACCGAACGCTGCGAGCTCATT  
CGACCATTGCCACCGCCGCCGGCACTGCTGGCCTTGAGCATTCCGCACCTCAA  
AGATGGAGGATGCATGGCCTAGGGTTATTTCTGGCGTGTAGGGACACTCTCCA  
CCAACAATGCCAGAGGGCAGCACGGGAACCTCCGAGCTGCCGCCGTGCG  
GGGATGGGAACTGCGAGCTGGCAGGCTGGAACGACAGGACATGGTCAAACAGCG  
GGGCTGGAAGGCTGATTGAGCAGGTCGCCGCCAACTCGTCAATGTCG  
GACTCGATGATGAAGACATTGACGCCAGGGCAGCCTTCCAAGAAATCATTC  
ACGGCCGGCAGAAGCTGGAGCGAGAACGACGCCACCAGTAGAGGCCACTGGGA  
AGGGGTTCTCATAGGCCAGGACGGACTCAAGCGCCTCCATCACGGAGAAATCGCG  
CCGCTGTAGCCGACGACGATCAGACCGAATCGCTGCAGGCTCAACCATGGCCCG  
GCGCATGTCTTGTCTTGAGAGGCCAGTCACGGTAGTGTGTTTCAGGGAAGTGG  
CCGATAGTCGCCATGAAGCTGGCAACGAGAGGCCAGTCAGCTTCATCCAGGCAGC  
GCGTTGCTACATTGGCAGAGTCTAGAGTTGCGACCCCTGGCTGGCTGCCAG  
GAGGCATCAGCGATGCTGCCAACAAACTGGAGTCTCAATCAGCGGATCGAAGTTC  
GTCGTAAGACGCATGGGTCTTGCCGCCATTAGGCCGCCAGCATGCGGTGC  
CCAAAGCAGGGCGTCCCTTGCTGATGGCGTACGATGTATTGCCGCCATGTGTC  
TCTTGGATAAATGCCCTCGAACGCCGCATATTGGCTGGATGTTGGC  
GGAAGGAGAGGGTCCGAGAGAACGACTCGTCAATGCCGAACCCATAGCGGATC  
ACTCGGGTCGACATTGGCGAGGGAACCGGGTCTCCTGGCAATAGAGCTCGCCTT  
GAAGTCCAGGATCATGCGTAGCCAGTCGGATGCCGAAGCTGCCAGCGCCGG  
CACCTAGCAGCCAGCGTGAAGCTCCGCCGTAGGCTGAAAGTCGTTGCCACTTG  
GATGCAGAAATAACCTGGATGGATTGCTCATCAGGTAGCTGTTGAGTGGCAAGTG  
AATGGGTAACCAATCGTACTACTGCACCTGTCTCATCTCCTTGACTCGGAGATT  
GGAATCGATTCAATCACCAAAATGCCGCACCGGCCATTGACGGCGCGTGCAC  
GATGTTGCGATTAGGTCTGCGACCAGGGCAAGAGAGCGGGCCTGCTACACA  
AGGGTTGCTCGATATGATCCGCTGCCGCCACCGTGCTTCATCAGGAAGGTTAG  
TTGAGCAAGCCTGCCGGTCCCTCATGTGATTGAGCAGCAACGCTCCAGTTCTGCC  
TCGTCTAATGCATGGCACCCGCTGGAAGACTAGGTCAAGCCACTCGCTGCCCGT  
CTCATCTTCGCGCCTCGCTGTTCTGCGCCTTGCTCGCGCGCTGGTTGGCTA  
AAAGCTCTTCGCTGCAAGCTGCTGCTAACCGCTGGGCCGCTGAATTGGTCTC  
GGTAGTGATTGCGTGCAGCTGCTGCTGCTGGAAATGAGTCAAGCAG  
GAAAATGCTCGCGTCAAGCGTTGAGGCCGCTCGAATTGCTCCACCGCGAGACCC  
GAAAGATCTAAAAAACAAAGAGCCTCAAGAACAAAGCAA

>CONTIG\_184\_length\_2579\_cov\_247.092170

GGCTGGTTGGCCTGGTTGCGGTGTACGCGTTGAGCAAGCTGCCGGCGAAATGGTCC  
GCACCTGGTTGGAAGATCGCGCGAGATTTCACCTCGCCGTTGATGCCCTAAAGCC  
GGGAATCCGTTTATCTGGCAAGGTATGTTTACAAGAGAAATTGGATTCTGTGA

GTGATTTTACACGTATGTCGGCTGAACCCCTGAAAAATGTCACGAAATAACTCACTT  
GGCCAGTAAGAATAATATTATTCTTACTGGTTAACCGCACGGAGCTGTAC  
ATGGATCTGTCCAAGGACACGCGTGATCGCATCTTGCCTGCCGAGGCCTGTT  
GACCAGGCCGGTTTCCCTACGGTGACGCCGTGCCAGGAGGCAGAACGATG  
CAATGCAGCGGCCAAGCTGGTGGGGGCCAACGCCTGGTGTGAGGCCTG  
ACCACGCAAATGGCGATGCGTATGAGGCAGGCAGTGGCTAACCTCTGCCA  
GGCAGGCATTGCCAGGGCTGGCCGGAAATCGTCCGAGAACAGCCATTTCGGG  
CAAGTCATTGAATTAAATGTAATAGAAAGTCTTGTGGGCCCTGCAAGCATGTCG  
GCCGTCTGCCGACCCCTCGTCTGATCCTGCGCATGGGAAGTCCATACTGCGCC  
CCCCTGGAGAACCGGGCTTCAACGCTATCAGGCCGATAAACCCAGAACATTATTCCG  
CTTAGAGCATGGCGGACTTGTGGCCTGACATAACCCAAAACATTACGTAATCACGT  
AGTACGTACCTCGGTACGAAATAGATGCCCTGTTAGCACGATTCCCTGCCGACCG  
TCGAATAGCCGGTCTCGCGGCCAGACGGAGAGCCCCGAGTCGGTCCCTCA  
AATGTCAAAGAGTAGATCTCATCGTCAGAACGGCGATGCGAGATCCAGCGGCC  
TGCGTCATGGCGGAATTGGCGATGGGCTCTCAGTGCATCGTCAAAGGTAGCGAT  
GGTCGAGCGTGGCTGAGGGTGGCAGGGGTTCTGTAAAAAACCTTGCTGACAGC  
TAGTTAGATCACTTTGCTGTTTACACGAATTGCCGACCTCTGATAGAGTCT  
TTTTGACCTTGATTGAATGAAATGCTAACTTACGCAATTGGAACAATAAAGGT  
GGGACAGGCAAGACAAGCCTGCCCTCAGACTATCTGCAAATATGCAAAAGTAA  
TCCAACGAAACGCATCTGGCCATAGACATATGCTCAGGCAAATATGCGGAGTT  
GTTCTGGTGGCTTCAGAATGGCGTAGCGTAAACTTCTGAACGGCAGGGCAT  
GACCCCTCGGTGCAGTATCGGTGGCTACTCGATTGCGCATGCCCTCCGCTCACCA  
GATCCCAGTTCAATGCGAAGGAATACATCACCAAGTCCGTGGAAGTACAACCTGTC  
AATTCCGAAGTCTATCGACCTGTTGCGCGACCCGTTACTGAACTGCAAGCTAT  
AGCAATGAATTCACTGGCAAACCTACAATTGCCAGGGTAAACACATGGCTCGGG  
TAATCGACTGGCTGCGTGACTTTGGCTCGTATCGATAAGTGAACGACATTGTCTT  
TATTGACACAAATCCGAGTTTCTATGTATACGAGATTGCGCTCGCTGCGGCTGA  
TCGCGTTGTGCTCCGGTATGGCTGATGGCTGACTCATCGCGCCGCAATCCAGAATGC  
GTTTCGCTCATCTACGGCCTCAAGCTTCTCAAAGGTATATGAGCAGTACACGTTT  
GCCAGCAAAATGAAGGTGGCTGCCGATCGCTCCGAAAGTGCACTTAATCTGAA  
AAATCGCCTAACTCAGTACATGGGTTCTGCATCGCCCTACGCCGAGTCTGTCTGG  
GATCGACACTGATTGACTTGGTAATTCATATGGTAGCATTTCACCTCAAC  
AAAGTCACCGACGGTATAGTTGAAATACGCGATTGGTACAACAGGTGAGTAGC  
CTTGCTCGTGGTACACCGTTCGATATATTGAAGACGGCAAGCTTAATATCAGCGG  
ACACCGTGTAGAAGTGAATAAAGATTACGATTTAGCCATCAAAGCTTAAATTC  
TATAGCGACTAAATTGTAGAAAGCTCTTAGCATTAGGGCGGCTGGTGGCCTGGCT  
TCTTGGTCAGCACTCACCAATCAAACGAGCCCTCGCTGTCATGTAATCCACCGC  
CAACCCAAGCCCGCAAGCCGTCGTCCAAGTGGAGACACAACCGCTTCGGTA  
TCTATCGGAATTGATGAGCCTGGAACCGGCCGCGTGTGGTGGTTAGGTTGAACC  
CTTGAAACCCGGGCAAGGTGGATGGTGGCGGCTGGACTACTCGCTTATCGGCC

GCTTTACCGTCGACGTCCCCCACCCTGAGTAGTGGCTGGTTAGAGTCCGGGGGT  
AATGATATCGGTGTTGCCAGATGTTGGCATAAGCAGCCGGGTCATGCCGCCAT  
CGCCTCTGGTCGGTCCTCGT

>CONTIG\_185\_length\_2565\_cov\_28.504512

TGCGGCCTTCATCGATCAGATAGGACATCGGATCGGGAAAGTGTCGCCGCTGG  
GGTAGCTGGTGCCTGGGGCGCGTGTGCGTCGATCTGGAAATACCAGCCGTCGCCA  
AGGCAGCGGAACAGATTGTCATCTGGCCGACACGGCGATCAGTCGTGCTGGC  
GCGGAGTCCAGGTCTGGCCCGCGATAGCGCAGCGTCGTGATCAACGACCGTGTGCG  
GTTCAGCACACGCCGGGGCGACCAGGTATGCCACGGCAGCACATGCCAATAT  
CGGTGGGTTCTGGTGTACTTCGGAAGTCGCTGCATGGGTTGGCCTCACTGAGCG  
CCACCGGCAGCGGTCCGCATTGACGGACCGCTGCCGGTAGCCCGCTATGCGCGGTA  
GTGGGTTTCAAACGGAGCGCGTTCAGCGCTCCGCCATTGCGTGTGACTT  
GGTCAGCAGGACCAAGCCGATATGGATCACAAAGGTAGAGCGGGACGCTCCACCACG  
ATTGCAAGCCAACACCAACGCCGCTGCCATCGTAACGACACGATTGCCATGTCG  
CGAGGGATTCCAGCGATGAGACGCCGGTGGATAGTGCACGGGACTTC  
GTAGCCATCGGATTGGCGTTCTCGTCCATGTCAGAACACCGCGCCGCCGTAGC  
CCAAGAAATTCAAGGAAGAACGAGGAGGCTGTGAAGGCGATGGACAGGCCGACACA  
GACCATCATCAGTTGCGCATGCCATGCCGAAAGGCGATGCCAAC  
CACAGCTGATAATGGCGATGACGCCGATGCCCTTGCGACAGGCCGCTAATACTAT  
TCAGGATCTGGCTAGCCAGCCTCCCACGGCATGCCGTACCGCCTGCATAGGCCG  
CTGCCGGCACTAGGAGGACCGCCAGCGTCAGCAGCTGGAGGGTGCAGTGTACGG  
AGCTTCATCGTCATATCCCTGGAATGGGTTGGGAAATTGATATGTCATGCCCTCACAT  
GGTTGCAAACCAATTGACACCCATGCCACGAAATGTAGCTGACAACGCATACACC  
TGCAATGTCAGCTACCCATTCCATCGTCCATTCTTGACGGGATCGCAGTCAGTG  
ATTCCTACACAACCGTAGGAAAACAACACCACCGCCCCACCGTTAGCTCACTCG  
GCCGCCACCAGCGTAGACGTTGCCCTCGGGCGTCTGCTGGACGCCCTCACGCGC  
AGCACTTCACGCACGCCGGACGCCCTTGGCCCGCCTCGATTGTCTCG  
AACCCGATGCTAACGATGATCTGCACCGTAGCGGGCGATCTGCGCGAACCGGAG  
GAATCCGCCCTGCACTAGCAAGTCCTCGATGCGCTCCAACGCTTCGTTGGCGCTGTT  
GGCGTGGATGGTCATGCCGCCCTGGATGGCCGGTGTCCAGGCATCGAGCATGTC  
CATGACCTCCGGGCCACGCACCTCGCCACGATGAGGCCGCTGGTGTACAGCA  
GCGTATCGCGAACAGGTGCGTACGCTGCCGAGCTGGTCGCGATTCCGCACGG  
TGCGCAGCGCACGACTTCATCAGCTCCACGCCAGTCTAGCGTGTCTCCAGTG  
TGATCACCCGCCGGTGTGCGGCCATTGCTACAGAACAGCATTGGCAAAGGTG  
GTTTTCCCGTGTGCTGCCCTCGACGATCACGATGTTGCGCGTGCATGCCGCT  
TGACGATGATGTCGCGCTGGTGTGTCAGCTGCCGTTGGTCACGTAATCGTCGA  
GCGTCAGCCGCAGATTGAACTCTGCGAATGACGAACGCTGGGCCATCCGGCGATT  
CCGGCGGCAGGATTGCATGGAACCGATAGCCCGTCTGGGCAGCTCGGCCGGGAAG  
CTGGGATTGTCCTGTCGGCAATCTGCCGACGTGATCGGCCAGGATCTGATGACG

CGGGCGCGTGTATTACGTCAAGCGTATGGCATGGCAGATCCTGCGGCCGTCTTG  
GCATACCACAGGCGGCCATGGGGTTAACGCGCACTCCTCCACGGCTGGATCATCC  
AGCAGCTCCCCGATGGCACCAACCGAGCGCGGATTCATCATGTCCAGCAGGCGGCT  
ATGCCGGGTGATGGTGGGACACGGTGGGATTGGCGTTCATGGGGTGGCCTCAGG  
ATCGTGGTCGGCGTCGTGGCTGCCCAGCGCTGCTGCAGAGCATCGAACTCGCT  
ATCGGTTGGCACGTAGCGAAGCGGTCAACTTATCCAGCAGCGCGTGCGCC  
CGCTAAAGACCCGCTTACCGATGCGATCAGTGCCTGAGAACAGGTTCTGGTGTGAGC  
CGTTGCTGGCTGGCGTAGCGGCCGGCAGCGTCAAACAGGTTCTGGTGTGAGC  
GTGGTCAGCTCCACCAGCATCTGATTGCCAAGTGCACGTTGCGCACCTCGTTGCGC  
AGCGATCGCAGCTCCTCAAGACCAGCATTCTGGCTTGGCGTGTTCGGGTGCG  
TAACGCTCGGCCAGCGCG

>CONTIG\_186\_length\_2544\_cov\_14.017791

GCGAGCCACCGTGTTCGCTCGACACCGCCGCCACCCAGCTGCTGGCGCTCG  
GGGTGACGGTGTTCGAGGTGTTGCCGGCCAAGTACGTGCGCGCCAAAGGTCTAC  
CGACGCGGCCGCCGGCGCGTTGAAGGCAGTGGCCAAGCTCCAGCGAGGCCAA  
ACCCGCCAAGGCCAAGCGGCCAAGAACGCGGCCGGCGTGGCGACGGTGGCCACCG  
CCGCCAAGATCCTGCCAGCGATCGGGCGCAGCTGAAATTGCCCGGCCTGCCGCG  
ACCCGAAAGCTGCCGTGCCACCAGAGCAATCCCATGACCACTGCAACGCGCCTG  
GAGCTGCAGGCCACGGTCGATGCGATCGCTGCCGCGCTACATCGGCCACCGCG  
CGTGAGGCTCTGGCGGCATCGCAATGCACTGCTATAACGCGCTACGCACACCATCG  
CGGTGTCCCAAACACTCGCGCTCACACTCGATGCCAACCGCGTTACACCTGCTCG  
CCCACGAAGTGGGCCATGCCAGCGCGCGACGATGCTCAAGCGGGTGGCAGC  
TACTTCTGGCCGCCAGCGCTCGCGCTTGTGGTTGGCGTGTGACTGATCGGCTCGGG  
CGCTCGATGCAACACCTCATCGAGACAATGCCCGCGCTGGAAGCGCGTGGCGTCGG  
CTTCCGGTCGCTGACCGAAAGCATCGACACCACGCCGGCGACGGCTCATCTT  
GAGGGTCGGCAGGGATTGTTAAAAAACAGCTAAAAGTGAGCTAACTCACTGTCA  
AAAAAGAACCTTTACAGATTCTGCAGCGCCCCAAGCCACGTTCCCTCCCC  
TGGTATGGCTTGCATGTTGACGCTACGCTACGTGCTAACAGGATGACTCTATG  
AAGCTCGTATCTCACGCTGCAGTGGCTATTGCTGTGCCCTCCAGTGTGCTGCCA  
AAGGCCAACCCAGCCTGTCAAACGCTAAATCAAGACGGCGCTGATTGCGAA  
TCCATCAACTCGTATCCAGGCAACTGCTTGCCTGCCCTACAAACACAGCGCGTAATGGC  
AGCAGCTGTGGCGGTAGGAGCGCATATAGCCGTGGCGGGTACGCCCTTGT  
CTATCCGAAAGACGTAACGCCGGCATGGTGTGAATACCGTCAGGGTGTCCACTG  
AGGGATTGCTCGTCTACGCCGTTAACGCGGCCACAAGGAAAAAAT  
GGAGATACACATGAAGAACAAAGGCCGCTATTGCAATATTGCACTGCTCGCAT  
CGCGGGTTGTATCTGCGCAGACACATGTCAATGGCTACCATCGTGCCTAACGG  
ATGTGCAGCCCCACTACCGCAGCGCTGCGAACAGCACGACGCTCGATAATTATTG  
ACCCGCGGAAACGTCAACCCATACACCGGCAAAGCTGGCACTGTGGATGGGTATAA  
GGAGCAAAGCACTTATGCCAGACCACCCGCCCTACCTATAACCCCTATCAATC

CCAATCAGGCAACCGTACAACACTGGGATACTGATACATGCCAAACCGCCCAAGC  
AACAGACCCCCCAGCTACGAGGGTTCTATTAGCAAACACATGCCGTTGCTTG  
TCAGAGGGGGCAAATTCTACCGTGGCGCGAGCGGTGTATCACGCTCGGCC  
TTCTCATTCTACGAATGTCGCTGATCGCGAAATCCAGGGCCGGCCGGCCCCT  
TCCCGGCTCGCTCACCTGGACCCTGGCGAGCTGGTGTGGCTGGGTGAATT  
TTTCGCGACGTTGACGGCTTGAGTCCAAGGACGTAAACAAGCGAGAGGCTTCTA  
TGTACGCATTGGGCGTGTGGGTGATCGATGGAAATGGAAGCCGGCAGTCACG  
ACCCGCTGTTGTCATCGCGCCGACCAATAACAAACACCGTGCCGGTTGCAGAGCT  
ACGGTTCCACACTGCAATCGCGCGGGCAAGTCCTCGCGAATTGCTGTGGCGTG  
CAACAACCGACGCCAGACTGCCGTAACCTCCGCAACATCGATGTCCTCGCGTGGTG  
TCGAGACGTAGGCACCGCCGAGTCGGTGCAAAACACGTCCCCGCCCTTGCAG  
CTGGGGCAGCGTGCAGATTGCCAGAACGAGCGGTGCATGAACACGCCAGCGAAACA  
GAAGTAGCAGACGATCCCCGCTTGATCCATCGTCCGACGGCCGCACGCC  
ACACACGCCAGGTGGGCCAATAGCCACGGATCGAGTCGAGGTGCTTGCATTGC  
CCATGCACCACATTACCCATGCCGATGTCGCAAGAACATGCGAAAACCAGGCAGTGC  
CGTGAATCTGATCCAATCCAGGGGGCGTGACCGCAAGCGGTACCGGCTTGGG  
GTGCTACGCACCGATGCCGCGTCATGCCAGTCGGCCCTAACCTCGCC  
CGCGCGCTCCGCTTGAGAAGAAAACCGCGCCCCGTCAGCACGCCGTTCCGA  
C

>CONTIG\_187\_length\_2539\_cov\_10.592869

TCCCAACTCTGGGCTGCTCTATCGCGTGTGCTGGGATGGGAGCGACTTGAAGG  
GCTACCTCAAAAGCTCTCGCAGCGAGTCCTGGCCGCGACGCCAAGACAGCG  
TTCGACAATTGCTCTCGCAAGCGAAGAGACCTTGGCTCGATCATGGCACGTT  
AAGGAACCGCTCAACCAGTTCATCAACCCGATCCTGGATGCATCAACCAGCGACAA  
CGACTTCCGACTGATGTGCGCAAGAAGAAGATGAGCATCTACATCGGCATCCA  
GCCGAACAAGCTGGCGAAAGCCGCTGTTGATCAACTTGCTGTTAGTCAGCTCAT  
CAACCTCAACACCAAAGAGCTGCCGAGAACAAACCCGGCGCTCAAGCACCAGTGCT  
TGCTGCTGATGGATGAGTTACGGCAATTGGCCGGTCGACATCATTGCAAGCGCG  
TGAGCTACATGGCTGGCTACAAACATTGCGCTGCGATCATCCAGAGCATGGCG  
AGTTAGACGCGACCTATGGCAAGGATGTCGCGAACCATCATACCAACCATGCG  
TTGCAAATCGTCTATGCCCGCGAGCAGCAAGAGCACAACGACTACTCGGACAT  
GCTCGGCTACACCACAGTGCAGAAGAAGAACAGTCGACACCCAGTGGCAAGCAA  
GCAGTGTGTCCTATTCCGAAACCGAGCAACGCCGCGATTGATGCTGCCGCAAGAG  
TTGAAGGGATGGCTTGACAAGGAAGTCTTCCCTATGAAGGCATCCAAAGTCCG  
GTGCTCTGCGAGAAGATCAAGTATTACGAGGACCGTATTCCAGCAAGCGCTTGG  
CCGAAGGTGAAGATCGAAGCCTACAGATGGCGCTGCGATGAGTGTAGCACACCT  
TCCAATAAGCCTCAAAGTCGATTGAAGGCTGATGGCAGCCACAGTCACAGCTGCT  
GCGTGTGATCTGGGAAATAATCAATGCACGCAGTGTGCAGCAGTGGGCAATTGCAAC  
CAAGTGCATCCGTAGAAAAACCTAAGCGTAAGCCAAATTTCACGTCCAATGCAA

GGCCTCAATCAGGATGCTTATGACTCAGACCAACGATTCTCCCTGATTGGTC  
GGCAAACGACC GCCAGTGC CACAAGGCTT GCG GAAAGCT CAAGGATTACCCGA  
TCACATCGCGGGTGGAAAGCGCCCTCCAAGAGTCGGTCGATAAGCCATGCCGA  
TCACCCCTCCGGAGTTGCATCTGGCGATCGAGGGCTGTATCGATACTTC  
TTGACGAGTCACCGAAAAGCTACGCATTGCGAGCAAACAGTTGACCAAGAGGCA  
ATCGCATTAGCGAGGTCAACGCATCTGCTTATGCTTACAGCGCCGCTAAGGGCGCA  
TGGAAAGGGCAGAAC TTGATGGATTATTTGGCTCCAAGTCGAAGTATCCCAAT  
GGTCAAAGCCAGCGACCGATCAGGATGTTCAAATGACACAGGAAAATTCTCCTTC  
ATCTGGCTCGATTGACGAATATCCTCCGGTCCGAAGGGTTGCAGAAAATTTCA  
GGAATACCTGAATATATGGATAGATTGAAATCGGCCCTAAAGAGTCGGTGGATA  
GTCCGTCATTGGTCACTCCTCCTTGAAATTGCAATATGGAACCTAGAACATTGCTT  
GGATTCCATCTTGGGTGAGGTCAACAGGGAGCTAGGGAAGCTGAGGAGGACGGTG  
ATCCGGTAAAATTGGAGGCGGCCGAGAAAAAGCGTAGGCAGCTGGGCTGCCGGGG  
TTCAGTCACAAC TGAAAGGCAGCAACATGTTGCCTACTTGAAGCAGCACCGGAAAT  
CGGCAGTCATGACCGGAATTCAAGACCCGCTTGATCTGGGACAGCACGAAGATATT  
TTCAGGAAGCAAATTCTAGCTGACCTGAATTGAGGGACTATCAAGTTATGAAAGT  
CCTAGGGCAATCATTCTGGCGGCCAGCCTGGAGCTGGTAAAGGCAGTTAGCGCG  
AGCGGCAAGCAGCGATTGCATGGTATTCCATAAAGATCGATCCTGACGAGCTCG  
CAGATATCATCCAAGGATAGATGAGTTCGGCATGAAAATCGTTCTTGGTCAAG  
TCGGACTCATTCCGACGCAAGTCAATGGCCGATGAACCTTACGGGAAGCTACCTC  
TTCAAAGAAAAATATAGCTTCGATACAACCTGGCAAATGGGAGTGGCATCGA  
AGACGCTCATTAAAGGTCTCAAGACAATGGTTATGAGGTTGAGGTCCGCCGTTG  
CGTCACCTAACGCTAGAAAGCGAGCATGGTGTGACAGCCGATTACGGCAATATC  
GACAGGGAGGGCTATGGTCGTTATGTGCCTGAGGGCGCGGTGATGCGATTACGG  
AAAGCTCCCTGTCAGTTGGATACCATGCCAACAGCAACAGTGGCAGCTCG  
CTTCAATCGTGAGGGCGTCGAGCTTACGACAGTCGCACCGATGCACGCATGC

>CONTIG\_188\_length\_2533\_cov\_179.510391

GCATTGCTTGGGTGTCCGGTTATCCAGACCGCAGATCTGCACCCGGCCCTCGG  
GAATGCTGACGCCCTCAAAGACACCAGGCTCTGGATTGCTGCCTCAAGCCGGACG  
GGAAC TGCGACAAGTAAGGCCAGCTCGCAACTCTACCCAAACCTCAGCAAAG  
GAACGACATGAAAAATCATGGATCGGCCGCGTGTGACCATGGCCCTGGGCC  
TGACCGCCTCGGGCAAGCCTCGTGTGACAATGCCAAGGAAGCCTTGTCCAAC  
TGCTGAAGGACAGCGGTGCCGCCAGTCACCGACGTCAAACACTCGAACGTACT  
GGATGCGTGGAAAGCAGAAGGCCGACGGCTACCGCTGCGACACGCCGGCCAGG  
CCGTGCTAACATCGAGGGTGGCAGGTGCCATCCGCTGAGCAAGAACATTGCGCT  
ACGCCAACAGCGACGGCTCTGGAGGGCTACGCCAAATGAAGAACGAATCGAATT  
CGATGGCGGGCACGCCGGTCAGCGCTATGGGTGGCTTCGTGGGGACGGCGCGCTG  
CGCGCCGCTCCAAAGATGGCCTGACGCCTCACGCCGGTTCTCTGGTGGTTCTCG  
CTCAGCCTGCTTCCGGCCACTCGGCTTACCGTGGCCGTTGATGGCTCGG

CGGGGGCTGCGAAAAGCGGAACGGCTCCACCCGCAGGAGGCTACGCGGCTCGACG  
GCGCGATCAGGGCTTCAGCTGGTCCAGTGGTGGTCATGACTCCGTTGACGCTGAT  
GATGGGCATGGGAGGCCGTGGCGATCATGAAGTCACTACCCATGCTCCTGCTGTGGC  
TTGGGCGCAGTTATGGGATAAGCATTAAACCAGTCATCAATCCGGAGGGCCGCTAA  
CTATTGCTTAATTAGAACCATGACGCCCTCTGTATTACTGCCAGCTGAATCAC  
TCGTGGAGTATCGCTTGTGAAATCATAACTCCAGCTGCTGGACATAAAACAGC  
ACAAACCTCCGCCATGGCTTATGAGCACCTAACAGGTCCAGATGAAATATAGGCTC  
ATGATGTGCTGTTCTCAGCTGACGAATCTTCAAGTTGCTGATTGAATACG  
GACCTCTGGGAGGCTGGCTATAGAACGCTTATGCAAGCAGGAACCCAGAGTGT  
ATGCTCGTATCGTCTATCAGTAAGCGTGCCTCAAAATCTTAAGGTCAACTCAGCGAT  
AACCTCCCTGGTGGAGGCTGACCATTAAACAATCGTCCAGCATCTCTGTGCCTT  
CTGGAGAATTGACTGGGCTCTCCATCCACCACGCTAACGCAATGCGTTTCTGAAAA  
CCATCGCACTCCGAAAAACCGCGTCAACTCTCTGTCAAACCTATTCTAAGAGCAAC  
TTCCACAAAATGAATGTCGGCCATTATAGCGAACTAACCTCGTATTAAAAATATA  
CAGCCTCAGTGCTTCTTGACGGTGCCTGAGCGGTACTGAGATAACGACCCATTCT  
TGCAGGGGTCAACGTTCTCCAATCGCGTCAAGCTGGTTTAGCTAATCGAGGTA  
CCTTGTGCGTTTTGTTCATATGTATTCTTGAACATCCAACCTCCAAAGCTGAACG  
ATAACCTAACTTGAAGCGCCGCCTAGGCATGTGTGGGAACGTTATTGACATGGAG  
CGCAACGCTATGTAAGCTTCAAAGCTAGCCCCGGTGCACCTCTGCAATGCA  
CGCCCCCGAGGGCATTGTGTTGTGAATCTGGCTTGACTTATTGGCTAACGACT  
GATAGAGTCATTGTCAGGCGAGCCCCGGTGCACCTCTGCTATGCATGCCCCGG  
GGCATTGCGCTGTAGCTTAAAAAGCTTGAAGACATGCAATTGCGCTAGT  
TCTTAGCCACCTTCACAGGTGAGCGCCGGATGGCGAACGCCACCCCTGGCCTCT  
TCAATCTTGAAGCGATGGTGTGGCGAACCCCTGCCCTCTCCGACATCCCTG  
CCGCTTGATGTAGACGGAGAACTGGCGGCTCAGCTGCGGCCGAAACCCGCACGG  
TCGAGTTGGTAAGTCTGGGACAGCCGCTTGCCGGAGCCCCACGCAGAGAGGG  
AACCCAACTCGATGACCACCTAGACGCTACTCCGATTGGTGCCTAACGGCAACTG  
ATTGGGAGTCTCAGGGACCTGTTGCTTACTGGCATGAATGGTATTGTCTGGAGT  
CCGCTTCAACCCAGTTGCGGGTTGTGGCCGCGCTCTCCAGTAGCCAA  
CGAAGAACCGGCCACTAAGGCTAGCAACGGCATGAACAAACCGCTACAATGGCAG  
ACCACAAAGCAGGACACCCCTGGTTGCGTGGCTGTAGGAGAGTCAGGAAGTTG  
GATCGGGATCAGTACCTCCCCCTCTCCGCCAGTTATGATCCTGCAACGCGATT  
GCCTGGATCCAGGGCACGCCAGTGGCCCACGT

>CONTIG\_189\_length\_2532\_cov\_3.755509

TTCCTGCAGCGCCCGTGCCTGATCGTGGCGCGGGCGCACAGGTCGCCGGCGTCG  
GGAGGGAGGCGATGTCGAGTGCATCAGGACGTGCATCGGAGGCCAGTCTGATACCTC  
TGCAGCCGGCTCGCATGCACACGATCTCTGCGACGCTGAGCAGTGCACGCG  
GTCGCGACGCTCGATAGATCCCCATGTCGGCATGCCGGACAGGACGTCAGTA  
CGCGCTGCGTATAGAAACCGGCAGACTCCCACAAGCCCTCCAAAATTCTGAATTGCT

CGCTCGAGGTGGCGACCAAGGTACCATGACGTCTCGGCCGCTCGCCGGCG  
GCGGCGCCCGATCGCCGAGCATTGCAACCACCGAGGCCGGAGCAACTCAATCCTCA  
CCGGCGCTTGCCCGTGCATGCAGCACGAGGCCGGAGCAACTCAATCCTCA  
AGCCGGAAGACTGGTACGCAGGTACTGTGAGAAGACCTGCCACGAGGGCAGCGCTG  
GTGTCCCGTCGAAGGCCGGATATCGGCCAGCTGCCGGACATCGCTCAG  
GGCGCAAACGGCACCTGCATACTGCCAGCGCATTGCTCCTGCATAACGCCTC  
CAAGGCCTCGATATCAAAGGGTGCCTTCGGGTTCGGTACGGGGTAGGGCTCGCT  
TTGCGCGGTGCATTATGCCGAAGGGACTGCGATCGGATCGGAGTCTGAGGTTCCC  
CACTTTCAAGTTACGAACCGCATGTTCTGGCTGGCCTCGGTAAAGCTGACGTA  
GCGCGTGAAGCATGGCGTGGAGCGGTGTTCCAACCACCGACCGGGAGCGCA  
ACAGATGCTAGCGGCCATCGCCTTAAAGCGACACCAATCGCCCGCATCACCGGC  
GTGGATGAGCGCACCAGCCAGCGCACCATGCCGCATACAGGCCTCACGTTCGGC  
GTGCAAGCGTGGGTTGCTCAGCAACCGATCCAGTCGCTTCAGCGGCACGGATAC  
GTTGACTCCAAACCAGCTCAGGCCAGATCGATCAGCACCGAGCGACGACCCGCC  
AGCAGCGACTCGACCGCCTGCAGCAACGTTGCGTAGTGCAAGCATCGCGA  
CAGTGCCACTTCAGGCATCTTCAATACTTGGCTCGCACGCATGTCTCCGATCCT  
CATTGGTATGGTAAACCGAAGATCGGCCATGCGCGCTTTGCAAACCAAAGC  
CGCTGCAAACCTTGACTGCTAAGAACTAAAGCTGGGAAACCTCAGGGTGGAGT  
GATTCCGATGGCGAGAGCGGGCATCGGGAGGGAGGGTTAGATGGTTATC  
CGGAGTAGGAGGGAGCAGCTCAACCCAGAACGAACCGCATGAATTTCGGCTGC  
CTCGGAAGGTGCTGATATTCTGAAGCTCTCGTAGCCTCTAAACATCATTGGCT  
ATTGCTCGCGCTCAAAATGCACTGGTTAGGCCGACATCCTCAGGATCATAT  
TTTGGATCTTGATTCTCAATGTGCCACTGATTTCGTACGTTGCTCGATCGAATT  
CTACGATGATGTAGTTGATGTCGTTAGGCCAAAGTACAATGGAATCTTCGCATT  
CTCCGTTAGATAAGCCTCTTATCAGAGTCATCCATTGCCCGCCGCCGAAGCG  
GCCAGACAGTGTCCACGGCGAACGAAACGCCATTGCGCTCACCGCGAAGCGG  
TAATTCTCGTTCTGAGCTCTGCCATACAGTGGAGCTCGTAATTCTCATGT  
AACGATGCAGCTCCATTAGCTTGGAGTGCCTGCCTCATGTCAAATTGATTAGGC  
AGAGCAGGTGCTGCTACCTCTTGGTTCTTGTATGAAAGGGAAATCCGAAGCCCTG  
GGATGCAAGTGCTAAATCTCCGCACAGCTGCAATGTAGTCACCAGGAAGACTAGC  
TTGTGAGCTAATGTAATACACAGGATTAACGCCATTACGCCGGCCACTCCTCTT  
CATGCCAAGGCCGTAGCATCCGTAAATTGCTCATGTGACTTCGCAATTCCGACAGGCG  
AAGGTACAGAAGGACACCATGGGGCTGCAAATTGATCTGCCCTCTTATGT  
ATGACTCGCTCGCGAGTATGCGATGCGAAATTGATTGGAGGATTCCGCGCAGT  
GCTTGCTTGGTAAATGAAAAAGCGTCTGCCGTGCAAGACCTGGAGCCTGACA  
GTTCTGGCAGATGGCGGGTGTGCTCCCGTCTGTTGGATGTCTTAGTCATGAGTTC  
CCCCTGATTGTTATTGGCAACCGAATTCCATCTGGATGTTGCTTCCGGAAAGAGC  
TTGTTAGCGAATTCCATTAAGTATGCGGTACCCGCCGGTGAACCGATACCGT  
AGCAGGTATTCAAATTACAAGTTGATGCAACAATTACATGATCCGACGATCTCC  
GACTTGATTCACATGCGATTGCGAAGATTATGGGGTAGGGC

>CONTIG\_190\_length\_2509\_cov\_34.573887

CCAGATCGGCCAAGCTTCAAGCCTGCAGCAGAACGCTGGAGCTTCTGCCATTCT  
TCAAAGTAATGACTGCTCTGAAGATGAGCTGTAGCCAGGACGAGGGTAGCGGTC  
GTTGTTGACACGGCAGTAAATCCTCTTGGTTGAGGGCGCTCATCCGACAACCTCGAG  
ACTGGTGTATTGACACCCCTTGCAGGGCGCTATACTTCTCGCTGTTGCGAGG  
CAGCCAATCTCAAAGACCCCACCGACTGACGCCATCGTGTGAGGTTGTTGCAG  
CAGTGGTCCCTACGACCCTGCCTGTTGCAATTTCAGTGAACAGATATCT  
AGGGGCTCGACCAATGGTCGGGCCCTTGCCTGGACTCTAGAGCCCCAGGGCAC  
ATGTGCTATGCCACCTCTTTAGCATTACTTTGTTCGGTGCAGCGGATTTGG  
TCATCCTGCCTGTAATTGCTGTCGTCAAACCTTTGTTCGGTAGTGGCACCTG  
GCGCTGTGCCGGCGATGAGGAATAGTCATGACAACGAATTGGCAATAAAATC  
AAGAACTTAAGAAAAGACAGGGGAATGACGCTGACGCACTCGCGCAGCGGCTGA  
CATGAGCAAGAGCTACTTGTGGAGCTGGAGAACCGAGACTCCCCCTGCCATCGG  
TTGAGAAGCTCGCTCACTGCCAAGGCCTTCGATGGATGTGCCTACTCCTGG  
ACCAAGAGGCAGTAGCCCCGAAGAGCGGCACCTGGACCAGGCCTTTAGGAAC  
TACGGAGAGCTTGACGCGACAGCCAAAGAGCAGATGCGCAAGATCATGAAACCTT  
CAAGAAGTCTTAGCCTGCTAAGGATGGCGATGACAAGGATTGCTTACACCCCTC  
CAAGGCAGCCTCCGGCTAACGCATTGCTCAATGCACTGTCAGCGCGCATGGGG  
ACCCCGCTTCCAGTTGACGTCGTTGCTCTGGCAAAGGGCAGCAGAGATCTCC  
GCTGGGATGACCCATACCAATATCGAATCGGAGACATCAAATGTTGAAGGC  
GCACTTTCCGAATGACACGCGCAGCAAGTGGATGCTGCTTACAACCAGACACTG  
AAATCTGCTGGTCGATCCGCTTCACGCAAGCGCAGGAGCTGGCCACTACCTACTG  
CATCGACAAGACCGCATCGACGGCTTCAATGCTCCGACAAGACATGGTGAGCCT  
GACGGAGCAAGAGGCAGTCGATGGAAGGCCAGGCCAACGCCCTTGCTGCGACCTG  
TCATGCCGCTGGATGACTTCCCGAGAAAAACCAAGGTGGCGCCACTTGAGGTG  
CTCGCTCAGTGCCTGCGATCGATATGGCGTACTGACTGCTGCTGCATTGCGCTGG  
ATCGACCACACTGACCAAGTGCCTGCGCTCATCTCACACACCGATGGCTTCATCAAT  
TGGTCGGTGTGAGCAAGTCAGCTAGAGCCGGTGGCGCCTTTTGGCCCGCAGA  
AGCGTGGTTGCAATTGGCCCTCAAACCTAGCGCCAACGATCAAATCATCCACGA  
GCGATTAGGTATGGAGCTCCGGCAATGCATGGTCAGCACGCCAGGATGGAC  
TTAGTCTCAAAGAGATGAAGATCACTGCCGACCAGTCAGACTACACCCCTAACCCCTCC  
TCCTGCTGCCATGCGTTCACGAGTTGGAGCCGTGGAAAGGCTAACACGCTTGA  
CAAGTCTGATTTGGCCTACCAAAGCATACCCACCGGAGGCCTGAAATGTTTTC  
CAAGCTTGCAAGACGCCAACGATGCCATCGAGCCGTTGGCATGAGTCTGACCCGG  
GCTGGCAGGGGCGTTCTGAAGGAGACACCAGCTGGCGCATGGCGAGCGGG  
AAGCGAGTCTGCTCGGTTGAGACCTAGGACATTCTGGCCAGTGGACTTGGTA  
TATCGCCTTGCCTCGAAAACGAACGCCAACGATCACGCTTCACTGGATGTCTTCAT  
GGATGCGGATCTGCAACGCAAGTCTCGTTGCTGACGCCATCGAAGCTACGAAG  
GTCTTGAGGAAAGGAAAGCGATTGCGTTCAAGCTACTTTAGCCGGCCATTCA  
TTACGACAGAATGCATCCATCTGACTGGTCTGATCGCTTGCATGCTTCAAG

ATGACGGTGAGGGCGCCGTTTGGTGGAAAAACTCTGCAAGCGATTGGTCGTC  
GATACCCCGATGCGTTGCGCATCTATCGAGAGAGCTGTAACGTTAGTTGGTGA  
CTCCTGCGACGGCAATGCTATGTTGGCGCTTCAGATTGAGGTCTCCCCGACGT  
CCCCCAATTGAGTAGCGCCTCAGTTGGAGTCCAATTCCCTACCCGAGGAGAT  
TGGACGTGAAGAACGTTACTGACGAGCAGGTATCGGCTTCTGCGCGAAGCCG  
AAAGCGCGTGGCGAT

>CONTIG\_191\_length\_2503\_cov\_13.797980

GAAGTTCCCCGAGTTGGGTGGTCTTGCAATCATGCTCATTGCCTTGTGATACAT  
CGCGTCAACATTAACCGTATCTGTGAACGACTTGCAGACTCCATGACAGCCGCGCAA  
CGTTCTGCAAAGCGCACGATGGCGGCATGAAAGGAAAGCTGGTAATCAAATTGCT  
TGCTCTTGTCTGGTTCTTAGCAGGATGCAACCCATGAATACTGGCTCTGAAA  
GACACGACACCAGCTCGACCACCACCGACGGCGATCCGGTCTACCGCAAGAATCCA  
CATCCAACGCAGGCGTATGGATCACGATGACCATTGAGGATGCGCCGGGCCGTT  
TGAGTGGATATCAGGAACAGCGTTCTATGAAATGACGAATCGCGATGCGTGCACAC  
CCATCGATCGCTATTGGCATGTCGACAAAGCAGAAAGAAGATGGGATTCCCATC  
AATTTCGAAAAGGTCAACGACACCACATACGTGGCGAAGATTATGCCATGGCAT  
GGTCGATCGGACTATTACGGAAAGGCACCTGTCACTGGAACTAACCAAGTGGCG  
ATGTATCTTAAAAGCAACGGCAAGCATGAAGAAACCAGATTCCAGCCTGGTTGT  
ATAAAGACAAGATATTAAAATCAATTCTGGGTAACTTATTCTGGAAAGGGCGCT  
ACCCAAGGGAAGACATAGAGAATTCCCGATAGCGGCAGAGTCAGTGGTACCAA  
TTCAATGATAATGCTCGGACAATATCTCAAAGTCACCCCTGACTGCTGAAAAGGTG  
GTCCCATGAGCCTCACAAGCCAACAATACGCAGCGCTGCAAAAGATAGTTATGAC  
AAACCGCCTGAGACAGGTAAAACAGTCGAACCGTCGTGATAGGTGATGTTCAT  
CAAGCGCCTGAGTACATAGATAGTCCTCAGGCTATCAGGGATTATCTACCGACG  
GATCGATACCAACGAGATCGTTGCGCCATCGCGCACCGAGACTGAGCGTGAGC  
TCAGGCAGGATGGTGTCTACACCGATGGCGCATGGTCAGCACGTACAACCGC  
CAAGCCGCCAAGCAATTGAGTTGACCAAGACATGCGTGGTCTATTCAAAAAAA  
CGGTAAAGGACGGGAAGCACCAGACGTACCGTCACCGGCCACTCCCTGGCGGCA  
ACCTGGCCAAGTCACCGCCACCACTTGGCTCAAGGGCGAGACCTCAATGCC  
ACGGCGGGTAGCCTGGACCGCGCATTCCGAAGGCGGTACCGATGTCATCAAC  
CATGTGATGCCGGCGATGCGGTCACTGCTGCGCAGCAAGCATTACGCCAGGTCAA  
GCTCTACGCTACCCAGCAGGAGATTGCTACGCTGGAAAAAGCCGGTACGCTAATG  
ACTGCAGTCTTGGACGCTCGCAATCCAGCTGCTCAAACCGCTCGCCACTCGC  
ACCGCATGCACAACCTCCTGTCGTGGATGCCATGACGCCAGACCGCTCGGTGC  
TGGAAAGACCCCAAGGCGCAGCAGTTAGCCCGTCAATACCGCCGATGACAAA  
TACCGCGATGACGTGGAGGTGTTGCGTGGCGTAACGCTTGGTCACGCCGGTGGT  
TATGGCATGCCCGTCGATGCCATCGACCGTTACGCCGGCCCTGGAAACCGGGGCC  
GGAACGACAGAGATGGCGGCCACGCTGGCAAGAAGTGCAACAGCACATGCAA  
GCGAAAACGCCCGACGTATGTCGCCGGCTGGAAGATGCCATGGCTCATCC

GGCAGCGAAGTGGATGCACCGGCAGCGCCGCGTGGTCGGCTGGTGAGCCTGTATC  
CGCATCGGTTCCAACGATCCGCTTATCAGGCCATCCACAGCAAGCTCCCCGCCGG  
CACCTCGCCGGCCGAGGCCATGCATGCCACGGTGAAGCCAAGCGTGTGGGTATCC  
TGAGTGTGATCAGCTGCAAAGCGTGACCGCGCATCAGGACGCTGTGGATCGTC  
GGTCAAACCCCAGGGCTCCGAGTCAAGGTGGACTGTCCGAGAGTGTGCCTCCGTTG  
CAGGAAAGCATCCGCCAATCACAAGCCTGGATGCCAGCGACGCAGCCGGACGT  
AGCTCAGCAGTCACCAGCGTGTGCTTAAGGCTCTGAACGTGCCACGTTGGCTCGA  
CGAAAACGGCTACGCCGGCTGCCAATTACGTAGACACGCTCAACTAGTCCCACGCC  
TCGACATCCGGTTAATACTTACGGCCGTGGCTGTGAGGTAGACGTGAACGCCACTG  
GCTCACACTCAAGCACACCAATGAGGGTAGACCTCAATCATCAAGTGAAGTGGA  
TGCCTCCGTATGGGTCGGCGTTGTAAGTTCTTCCGGAGCGTCAGGTATGGATT  
GTTTGGCGGAAGCTCCCCAAATACACCCTGCCAACGCTCAAGCAGGTAGCCGTGGA  
GCCGTGCGATTGCGAGGTC

>CONTIG\_192\_length\_2500\_cov\_17.164349

TGTTCCGTCGCTGAAAGGCTACCGCCGGATTTCTCGCGCTTCGAGAAGCTAGATG  
TCATGTTCTTGGATTCCCTCAGCTCGTCTAGTCGTTGATGGGCTCGGATGTGTTA  
ACAGGCCCTAGTAAGTGGATCGTCTACTACAAGAACGCCGTTACGGATACCCGCAA  
TCGGATCGCGTACACTGTAGAACCCATAAAGCCACTGACCTCTGCAGTCTGTGAG  
AGAAAGGACATGTTACCGTTGTCGCTGCCCGTTGATGGCAGCACCAACCCGATA  
TCCTAAGTGGGGTACCAAATCCCCAGAACGATCGCTGCTGGACCAACACTCCAC  
CTGCAGCGGATTGCTCACGAGTAAGCGTCCGCACGTCGCCGTACCGTGTTCAGTT  
GATAGACGAGGTTGGATCCAATTGATGCAAATACTTAGTCCAAGCTTTGAGGA  
TCACCCCGGTCTCCGGATGCTCTAGCCATCTGGAAAGAAAAGTTCTGGATCTG  
CAATGAGTTCCGGTGCTGGATAATTGCGTGCCTCTGCAACTGAGGTTGAGCCCACA  
CCTTCCCGCTGAGCTAATGCCAACGCTAGCTGCTATAAACAAAATTGCATATTATT  
CGCTTCACGACAACATCTCCTGTGCGATAGATCGTATTGAATTGACAGACAACC  
ATCTGTCATTATTACCCAGTATGGGCAATTCCATTGCCCGAGATTAATAGCCTCTCG  
GTAAATTACTTATTGAGCTGGACAAAGGAAGCTCGGCCATAAGCCATGCTGC  
CGCTTGTATCATAATCCATTTCAGGATCCAACCATGACGGTCATCAGCGTCAT  
ATTGCATCAGCATAAAAAGGCTATAAAATGCCCTGTCGAATATTGACAGCTA  
GATGTTGAAGCATGACCTCTGGAACATGACCCCTTAAACTTATAAGCCTTCAAAT  
AATCGGGGTCAGTTAAAGGTTGCGGCCCTCAGCAATTGCACCATGTAGCTGGAG  
AGATCAGTCAATGCCGCTGCTGTAGCGGCAGCGTGGACGAGTCCTGCGCAATCCG  
AAATGCGCGCTTACGGCATCCCCGCAATTCTACTAGCTTGATACCCGCTCAGT  
AGGATCATCAACCTGTTAAGGTCTCGATCTGATTCGTAGATGCTCGAGATCCT  
GGAAAACAGCGGTCCATCGCTCCTCACAGGTAGTTACTTTGGTTTTGCGAA  
CGCCATTCCATAGCTAGCAGATCACACTTATGCTCGTTACAATCACTGAAAA  
GCAGCTGCCGTTAGAGCCATGCCAGGCTGGCGTGCCTGGCTCTGATCTAGCG  
CTTCAAGCACGGAGCGATTTCATAGCCAGCGGATTCAACTGAAAGTAACACATA

CAGCCTAACGAACTCATTGGCACGCTTACTTGCCTGATGCTGATTGAGCTAAGAA  
GCGGCTTCGGTTAAATCCATTACTAGGGCGTTGCCGGTACCATGACCATCTGCG  
CCCATGTCTACCAAGACCTCTGCACCCAGGGCTCAAGAACATGCATCATCGATTGG  
ACGTGCTCTACAGATACTGCATGGATCTAACATGCTCGCGCGAGTAAGTGAATCT  
TTCGATTTCGGCGCTGTGCTGGGATGCACTTATTCTCGCCGAAGGCGGCGCG  
GAACTCAGCAGCGCGTGCACTCCCTCAGATGCCATTGAACGTCATCTACTCGCCA  
CCCAACCACCGAGATCGTTGCCATGCACGCCAGCTGCTATCAGACCCTAACGCG  
GGTATAGCGCGATCCTCGCCAGTCGTTACCGCAGTCAATCGCTCCACGCCCTCGT  
GGCCAACGCCCTGACCCCTCTGCACGGTCACATGCCATTGAAATTCCGACTCCAGGC  
TCGCCGGTTGCGCACGGTCTTATGGGTGCCGTGGCTGTGCTCCATGCCCGGT  
CAAGGATTGCACGCACGGCATGGGCCATCGAAGATGGCTGCCAACGTGGGC  
AGCGTCTGCCCTCAAGGCACTCCGGTTGCTCATGGCGATGACGTGCCATGAGCG  
ATGAGGGTGCCTAGCAGGCAGTCGAGCTGGTGTGGTCCAGCGTGAGATGCAA  
GACAACGGCGGGGTGCTCATCTGTGTCCTCCTCTGCCCGGTGAGCGGGAGCGCG  
CACGGTGTGGCGATTGGCGCGTGCCTCGCGCTGGCGGGCGTGCAGCGTGCTGC  
GCGTACGCCGCACCTGGTTAGTCCGTAGGTGCGACGCTGACGACCAGCTGCCA  
TCGCGCATGCCGATGTGCAGCTGCTGCCATGGCAAAGCCCAGTTGTTCCAGCCAG  
CGGCCCGTAGGCGTAGCGTGGGATGCCTGGTGCCTGGCGGGTAGTAGCCGTA  
GCCGACGGTGCAGTGGTGCAGGGCACGCCGGTGGCCGGGACGCCGGTGGCGGGC

>CONTIG 194 length 2491 cov 19.606176

TCGGCGACTTGGAAATACGCTGTCAAGCGGTCAAAAACAACGGATCTTCTTGGCC  
AGAGCCTTTACAGGCGCACCAAGTTGTTGATGGATGAGCCAACGACTGGGGTT  
GATGAGCAGATGGGTATACAGCTGATGAAGAACATCAGGAGCATTGGCGCGACCAC  
AGTCATCGTGACGCACGACAAGAACATCTCTCGGATGTGCGATATGCACTATCTCTT  
TGTGGGCGGGATCCTAAGGCCTTGATCAAAGAGCAGCCCAGCAAATTGAACAGG  
ACGAGGCCGGGAAACGGCTGAGAAGTCCAGTCGACAATGAGGAGTTACAACGCTT  
ATCAAAATAAGTTCAAAGGAAAAAGAGATATGGAACATTCAATAGGAAAAACGATC  
AGGAAAAAAATCTACTCACAGGATGGAGCGCTGTAATGAGAGAATTGACAAACGAA  
GAGCTGTTCCCTAGTGGCAGGTGCAGCGGCCGCTGCGGACGTCGATCCAAGCGAAC  
TCCCAC TGAGGTTCCGCCAATTGTTAGTGCACCCCTCCATCAGACCCGCCGCGACTAT  
CCCGCCATCTCCGCCAGTCGAGCAGCCA ACTCCGATCACGCCACCTGGCGGGCGGG  
ATGGTGGTAATGGCTTGTCCCGTTAGCTGCCGAGAACAGAACGAAATCGACAAACGCC  
TTGATAGTGTGAAGGTGGCAACAGCTAACCGCATATGTCCTACTAAAAACGG  
GTGGCCATAGATCGAAGTGGTGTGACTGTGGCAACTGGCGTGGACTTGGCTCTCAA  
ACCGTCGAAAGTCTCACCGCTCTGGGTGTAGATCAGGCGCTGTTAACACGTTAAGT

CCTTATCTACATCTTACCGGGCAAGCTGCAATGGATGCTATAACAAAACAGCCCAC  
AATATCACCGAGACGCAGGCAGATGTGTTGGATAACGTAGTTAGAACCAACATCTT  
GAATACCCTGTTAATAACTATAATAATTCTGACTATGCTGATTCTATCAGCTG  
CCTGCTGGCGAGCAGACTGCTATGCCAGCGTTGCTTACAGTATGGCCTGGCCTT  
GCCACAGCAACCCCCAATTTGGACTCAAGTAACAACGGGACATTGGCAGGATGC  
CGTTACGAATCTGAACGACTTGGCGATCGTATGATACAAGGCAGATAAGGAGG  
CCGCACTCATTCAAGCAGGATATTACGAATGGCAGCGTGCCGGTGGCGGTTAAATCT  
TGACTTATTAATGTGAGGTGCTAAATGAAGAATAATAAGAGAATTGTATTAATCAC  
GCTAATGATCTTGGCGTTATTGGTAGGCATTGCCACAGCTTCGCCGGCAAAAAT  
TAATGCTGGTGTCTGTCGACTTACTTGGTCAGTCAGCGGGTGACTIONATTGTTCCC  
GGAAAGCCCCCTGGTCAGCAGTTGGAGAAGCTCTGAGTGGTCCGCCAATAAGA  
TGTTGATGCCGGGAATGGCTGACATTGATATCAGGCTGCCGATACAAGAGCTGCAT  
CGAGAAGGGTGGCGTGCAGATAAGAGCGATAACACGGTCGAAGCCGCTGGCTCA  
TACACTTAGTTGCAGGGCCGACACTAAGAAGTCGGGCCCTTGCTCAAAGATC  
CTACCTTCACGTTGTCGCGAGGAGTAATAAGAACCTAGATGCAGAGATATCAG  
TCCTGAGGTGGCGCATGAATACGACCCAGATGCTACTTTGAAACAGTTACGTTAG  
AGAAATGACGGAAATATGCCAAAATAAGGGCGGACAGAGCCATCATTCTTGAA  
ATGATTGAAATCGCTATCCCTATCTCGTGTGAGGCCGCTCACACGGGGTATTAT  
TTATTACTAGGGTTAATTGAGAGTGCTTTAGAAAGAAAAGAAAGCGAAATA  
GTGATTTCTAATCCAAGTATTGCATGGAGCGCTGTGATGAGAGAGCTGACAAACGA  
AGAGCTGTTCTAGTGAGGTGGCAGCCGCTGCGGACGTCGATCCAAGTGAGC  
CGCCCACTGAAATTCCCTCAATTGTTGAACCCACCCCGAGTCCGCCCTCGACTA  
TTCCTCCTCACCGCCAGTTGAGCAGCCAGGGCCGATCAGTCCTCCAGGTGGGGCG  
GCACTCCTCCTCCAACAGGCCGGAATACGATATCAACTTCACGCGTGCCTGACAG  
CGGAAGAGTCTGCCGCTGTTAAATTGACGATGCAATCTACTTGTAAAGACT  
CTATCAGCTCGCTCCTGATAACGCTTATATGCAAATGAGCGATGGTTAACCGTGC  
AGATGTCTGAAATCAAGAGTCTGATGCTTAATGCAGACTATAAGGTAAACGAAGCG  
GGCACTAGCTATAGTAATGGGTTGCGACTGGCAGTCCGACTATAACAACGGCGA  
CCCACAGATATCAATAAACATTGACACCATCAAGGGTATTCCGATCTAATGGGAG

>CONTIG\_195\_length\_2484\_cov\_6.153585

GTGATGCAATAGATTCTGCACTGGCTTATGCCATGCCGGTGCCTGGAACT  
CCACATGACGGGTGGAGACCAGCATGGTCCATCGAAGCTGGCATGAAGATGGGG  
CGAGTCGCCACGCTAGATTACCTGTTCCAGTGAGCATGGTCAGAACGGCATTGAA  
AAATGATGAACTAAGGTAAATGGCTGTGCCCTCGTGGATTGAGCGAACGCTGCT  
GAGCTGCAGCATCATGCACTGCAACGCCATAAGGTATTGTATAGGAATCGGGCTA  
AAGACCAAGACCTCGGCTGGGGTTGGCGGATACTGAGCGTCAATACCTAACGCTT  
GCTCGGGTTTGTGCTCCAGTCTCAAACATCCGTTGAAATGCTGCTAACCTTGC  
GCTGATCAATTGAAAGGGCGGTGACTGCGCCAGCAGCGTTAGTCACACAGAAAT  
GCGCATGGTAGCGTCCAAAGCACAGAGGGCTGGACGCCAATCACCACCCATTCTC

TTCGGGATTGTTCTTCTGAGTTGGTAGAACATCTTATAGTTAGGAGAACTAATCGA  
CAAACAAGTGCACAAAGTCCGTCAAGGCATGCTCATCGTTAAAACGGCATCTGT  
TCCTGCAATAAGGTGGTCGCACACAGGAGTCCACGATTAGGATGGAAGATAGAT  
TTGCTTCTGGGTGAAGTGGACTAGATGTGTATGCCCGTCTGCGACATACTCCT  
GAATGTTGCTGCCATGTTGACTCCTTCAATCTGCCTGTCAGTGTGAAAAAGCT  
AGACCTTGTCCCTGCCTCCATACACGGGATTGCAGAGTTGTATGGCAAAACCTGG  
GCAAACCTAAAGCGGTGTTGATCAGCAGGCAATTGCCGGCAGCGATACCATAGAG  
CCGCTCATACGAGGGTGGAACCGGAGGCATGCAGTAGTCATTCTGGTCCTTC  
GGTCCCACATCGGCTGAAGTCAACCGAAAGGATGCCTCAGGGGGCTAGGCGAGGCT  
GAACGATCGCGACAATCGCAATAAAATTGGAAAGTATACCGCCTGCTTGAT  
TAGAGTTTAATAAAAGGTTGAAAATCTGCTTACTAGGAGGGAAATATGAATCCAAT  
AGCTATTCCCGTCAGAGAGAACTATCGAGTCGATCTGAACCATTCCATTGTGGAAAT  
TCTAAATTGGCAAGGGGGCACCTCCGTATGCTTGGTGTTCGTGCCATCCCAGGTT  
GAAGAGGCAAAGCTTGGTACGACGTATCTTGGAAAGGAAAAAGCAGGTGGTGGT  
GCAGTATAAGGCAATGAGGAGTTCTGGAAGTTTACTTTGATTTGATCAATTGTG  
GCTGCTCTGGTAAATTCCGAAAGCTGATTTCTTATGTGTTCTTGGGGAGT  
ATAGCGGATTCAAACCTGTTCTTAAGGGTATGATGCCATTCTGTTAACCGTTATG  
AGTCGTTCGATAGAGTCTTTTATTGATGCATGGGAGGTTAAATAATTGGTCCA  
GGCTGTTGCCAGGCAGTGCTCCGTTACGTGCTTCAGCCATTCCAGGCGT  
ATCTAGTCAAATTACTTAGCTCAAAGCCACTGCCTGGGGCACACCGAAATTCA  
CTCGACTATAAATAAAAGTGCATATTGAGGCCGTATAACGTCGAACGGTT  
GTCCATCCCCTCTGCAACTGGACCTCTAAGATAACTCCGCCATTCTGCGACTGCG  
TGGGGCACAGCTTGTGCAGGAGATAAGTAGTTGTAATTGGTCTAGATTAGGG  
GGGGCTGATGAGCGTGAAGATAAGGGGCTAATATTAAAGGGGTGTTACATCC  
AATTAGCTCGGTGGCATGTTATATCTCCATGAAAGGTCATCCGTGAAGGTCGAC  
GGACAACCTCGTTATTGCTACTAGAAAAAATTAGCTTGCCTCAAGGATACACC  
TTGCCCCCTTCCTCAACCGCTCCTGAACGCCACGACATAGCTGGCAGCGTC  
ACAGCCGGCTGATGTGCTCAACCCCTCACGCCCTGGCGTCAGCTCGGTAGCCAGG  
GATTGTGGACATAGTTGCTCTGCAGAACGGGCCCTTGTGAGGGCATGGCCT  
GTGATCAAAGCGATGTGCTCAACCCCTCACGCCCTGGCGTCAGCTCGGTAGCCAGG  
GTATGTCGGAACCGGTGAGATCCAATGCCCTGCCAAAGCCTAACGCCCTCAAATAG  
AACGCAAATTGGTCACGAAGCCTGGCTGAGCGCCGTTGGTACCCGTCTG  
CGGCAGGTGCCTGCTGACAGGTTGGGAAGAGACGCTTGTGGCCACTGCCTGATG  
TCCGCCAGGAAGTCGAGAAAGCCGCCTGGATGAGGCTTGGTGGATCGGCACTT  
CGGGATCGCGCTTACCTTGAGGCTTGGCCACTG

>CONTIG\_196\_length\_2407\_cov\_27.542105

CGCTCAACACGCCGTCGCCGGCATCAATGAGACCTGCAGAACAGACAGAGGCATTG  
GATCAGCAGCGGGTGCAGGAGATGGTGCAGTCCAGCGCGAACCGCAAGAAATCGA  
CAAGAACCGACAGGCCCGTCATGACGCTTGCTGCCACTCTCAGCAGCAGGTGA

TGTCTGGCGGCGATGGGGGAAGTGGTGGTATGGGGCGGTGGCTGACGCATTGAG  
CGTAGGATTCATGCTTGACCGAGCAATGTGTGGCTGCGCTTGCACGCACCTT  
CGCTTGACGCAAGCCTGGTTGCTGAAAAAGCAATAGCGTGGAGCTTGCAGACTTA  
GGTTTGGCGCGATGCCAACGCCAGATCAACAAAATGCAAATGTAATTAAATGTCT  
GCGTGGGTAGCCTCAGCCCACACAAGTTGTCAGTAGATCCGAAGTGTAGGTGCT  
ATGGATAGCGAGTCAGGTACAGCGATGACGCAGAACAAACCGCTTGCAGCG  
AAAGGGGCCGGAGACAACCTCCACACTCGGCACCTAAAAGATGCGTTCCCTCGT  
CCATCCGGATCTGGATTGGCTGTGGGTGCGCTTCCCTTGCTGGCACGTTGT  
TCTGACCGCGTCTTACTCCAAGCGGGAGCACGTGTCGGCCAGATCATTGACGCA  
TGGCGAGTGGATATCCGAGTGGAAACGCCCTGGCCTATCCTGTCGACGACATTGAA  
GCCCAATGCTTGGTCAAGAAGGGCCAAGTGCTCGCCGAGCTATCAGCCGACATCA  
CCGACGAAGCGGGTCGCTCTGTCCGATGAGACGATCAAGCGTGCCTCACCCGA  
TCAGAAGAGCTGACCAAGGAGCAATTGAGACGCATGACTTTCCGGCCAGCGCGA  
GCGGGAACTGACCGTCAAGTCGAAGAAACGACCGCCGATGAGGAAGTCGCTC  
GCAAGATCTCAATCTGGAAAAGAAATACGCCAAGAACAAAGAAACTCTGAAGACC  
ATTGAGCCGCTGCTGAGAAGTATGTGTCAGGAAACACCTACCTACCTACGAA  
AATGCTCTTGGATGAGAAGCGGAGATCCAGGATGCCCGCGCAGCAGTCCAC  
ACTTCGTAATCAGCGTCCGATTGCTGGTGAAATCACCAGATAAAGACAACCG  
CCAGCAGACAAGCGAGTGAGATCGAGCGTGAGAAGTCCACGATCGAAGATCAAGTG  
GCCAGAGCCAAGTCCGACCGGCTGCAAACCATCACTCACCTGAGCGGCACCGTT  
GCAGCAATCTATGCATCCCAAGGTAGCGCATTGGCACCAGACTCGATCGTCC  
ATCACCCCAAGCGAGTCGGTGTGAGCTGAAATTCTTATTCCCTCCAGGGCCATC  
GGACATGTGAATGTCGGCACCGAGGTGCTGCTCACATCGCCGATTCCGAAAGC  
AAAATATGGCGCCATCCAGGGCGATCGCATCGCTGTCGACGCAAACGAGTC  
TCGGTGAGTTGGAGCGCCGCTATGGTCGCCAGTCGCCCAGTGAGCCGTTACACCG  
CCAAAGTCGCCTGCCTCCAGACCATTGGAGTTGCCAAGAACGAGTC  
TGCCGGGGATGGAAGTGGACGCGGAAGTGCATCTGGAGGGCGAAAGATCTGGAG  
TGGATGTTGACCCCTCAAACCATGGGATCACGCTTGACGGTGAAAGCGATGA  
AGGACGTCTTGACGCCATCAGCCAATGGCGATGCCGAGACGGATCGCTTGAA  
CCAAGCCTGGTGTCTCGAACCGCAGTGTGCCGATATCCGCCAAACTGAGTC  
AGTGAGTGCAGCGCTGGCATTGCGATGCTGCTCTACTACGCCATGAAACG  
AGCCTTGGGAGCTCGCAACCGCTTACGGTGCAACCAGTGGGCAACGCTCGCC  
TCGCTGATTGAAATCGCTGATGCCAACGGCTCACACGCGTCCGCTCGCTGGAG  
CTCTACGAACTGCCAAGCTGCTGCCATTGCGATGGTCCACCTGCAACCGGCAC  
TTTGTGCTGACGGCTGTGCGGGAGGGCACGTGCACATCAGCGATCCCGCAAC  
GGGTGTAAAAAAATCAAGCTAAATGAGTTGCGATGAGCTTGTGGCATTGCGTT  
GGAAGCGCATCCTGGTCCGGCCTCAAGAACGATCAAGAGCGTGCACCGTATCGC  
TTCGCGATCTGGCAGGCTCGCTTGGTCCCTGGTGCCTCGTGGGTGTGGCA  
TCTTGGCGCTCTTCTTGGAAAGGCTGTGCCTGATTGCGCCGAATATCTAAGACTGA  
CCATGGATCAGGTGCTCAGCGTCAAGGACGATGG

>CONTIG\_197\_length\_2340\_cov\_146.460009

GTTGTCCTGCTGCAATGGCTGCTGGACGATGTGTGGCGCGGGTTTGGCCTTG  
CTGTCGGTGTGGCGGTCTGGCCTGGACCTGGGGCCGCGCACCTGGATCGCGAT  
GTGGAAGCGGTGATCGATGCCGACGAGCCC GGCGCGTCGCGATGCGATTGCGCA  
GTTGCAGGCAGCCGGCGCAGCGTGCATGAAGATGCGCCGTCGCTGGTGGAAAGCGG  
TGGTGGTCAACGGCCTGCGCGCTGGTTCGAGTGTGGTGGTTTGCTGCTGG  
GGCCGTTCGGGGCTGTGCTGTACCGGCTCACGGCGTTGGCGGTGGAAAGCCGCTGT  
CGGTACTGCTGCCGCCACGCAATCTGGCCGGCGCGTGGCTGCTGGCCGCGCTGG  
AATGGCCGGTGGCGCAGTTGATCACCGTCTCGATGGCGCTGGTGGCAATTGCGACA  
CGGTGTTCCCGCCTGGCGCAAGCGCACGGCAATCGCTGGTCGGTGGAGGCCGAC  
TTCTGGGTGCGGTGGCGCGTGCAGCGTCAGTGCCGAGCTACGCGAAGAACGCGCA  
CGACTACACCGATTGGGGCTGGTGCCTGGCGCCCTGCCGGAAAGTGCACG  
ATGCGATGAGCCTGGTCTGGCGCGTGCCTGCTGTGGATGGTGGTGCCTGGCGTTGC  
TGGTGATTGCCGGTGGGTGCGCTGAGCTTGCTGGCTGAGCTTCTGGTGGTGCACGGTACTTCGC  
TCGTAAGCGATTGATTGCGTGTGGCATCACAGAAAACCTTCTACTGGCGCGTTCTG  
TCGTTCTAAATGTCTTCTGCAGGCTCGTGTGCTAGTAGCCACGTTGTGGCATGCC  
AGTGCCTGTCGTTGCTTATGTGGCCTCACCTAGCCTGGAGCCAGTAAGATAAAG  
GGTGGCCACGGTAGATTCTTGCACCCAGAACCCGGCAGTAGCGCAATCCAAAG  
CCATGGAGAGCAAACAATTGGCGAGCGGCACCACGCCTTGGCTGCCACCCGA  
GATGCCACAGCAACACCCACGGGACTAATAGCAATAGTCCGACCGCAAGAGCATT  
ATTTGACTGCTGCGACTATATGCCATGTGCCAGCGCATGCAGGGCACGGTGATG  
CCACATCCAGCACAATAGAAACCGTTAATGCATGAAAGATGCAGGGCGGGAACGG  
ATTCCTGGAAGATTGGATCAAACCTCCAAAAAATCCAAAGGCTCGACCCAGCTGC  
CACTGCAGCTGGTGCAGCGAAAGCTGGAGCAAGCGCTGGACACGCTTATCTGA  
CTGTCGATCTGCTGCTGCATCTCAAGAATGCGTGCCTGTAGCCATCTACACCAAG  
GCTGGCGATTGAAACTATCCAAAGAAGTAGTCCAAGCACA AAAATGGCGGTGGTGA  
CCCACGCCAATATTTGCAGTGCTCGACGCCCTGACCGCCCTGGAATATGCCCA  
CGTTGAGCAAGGGATTGACCTTCGCCGCAAAGACGATGCCACGATGCCGGTGATG  
ATGCCCTGGAATCGTCCAGCATGAGCAGCAAATCAGAACGCAAAGAACCGTCATCGT  
GATGGACCAAGGCCAGATGATTGAAATCGCTGGACGGACTCATGGTAAGCTCCTGGGTGGTAA  
GCTGCGGATGGATCGGCGGTGGGATGGCACTCATGGTAAGCTCCTGGGTGGTAA  
ACGACTGCGAACTGATGGTGAGTGGGAGGGTTATCGGGCGCGTCCGCAGCAAT  
GGCGACGGTCGTAGGCACGGTACACAACGCCGCACATGGCTGCCGGCGCATCG  
CCGGCCGCTGCAATGAGCAGCAGCAGCGATCACGGCAGATGCCCTCAGGCCGATG  
ATGTTGAGCAGCAGCACTTCCCCAATACGACCTGTCGCGTCCGCAGGCCAGCG  
GGCGGCAAAACGTGTGATGGCGCACAGGCTACTCGCGCGCGACGGACGCAA  
GCCCGCGCTGCCGCACTTATGGCTGATCCTGACGCAGCGCCCGCACCTGCTGTTCG  
AGCAGCGCGCGGGTGCCTCGTTGCCGGAACCGCTGCCGCCGGCCACTTCGAT  
ATGCGCGCGCATCCTGCGCGTACGCGCATGCCGCCAGGCAGGGTGTGCGCGTGGC  
TCCACATGCTGACCAATGCCGCGCAATGTCATCGGAATCACCAGCACCTGGCGGC

GCTCGAGGATCTTCACACCCGATTGAACGGCGCAATCTGCCATCCTGGTCA  
ATGCACCCCTGGGGAAAGATGCACACCAGCTGCCATGGCGAGCTGGTGTGCATCTT  
CCCCGAGGGTGCATTGACCAAGGA

>CONTIG\_198\_length\_2330\_cov\_18.675443

CTAAGGTATCCCCACGTTTACAGCACCAACGTATCTGCGCGCGACGGCTCCGG  
CAATGTGCGCAAGCGGTCCAACCACCGTGAAACAGGTTCCATCGGCCAACGTCTGA  
TCAACGCCTCGCGGCCGACACGCAGTGTGAGTAGAGCTGCGTGTGCTGTTGCGGG  
GCGATAGCCACTGGGCGATGCCGGTAGCTCGCATCCCAGCCCTGCCAACCAGCTG  
GCGAATGCAGCCAACGTATTGATCAGCAGCAGGATCTGCAGTCGCTCACCGCGACG  
GCTCAAGCTATCTCCATTGCCTGACCGTAGCGATGTGACTTCAGATCACGAAACGC  
CAGCTCGATCTGCATCCTCGTGCACAGGTTGACCAACTGTTGCGCTGGTGCT  
CGCAACTGTGGGGAGGCAACGATCAGCCAGGGTCGCGCTCACCGCGCTGTTGCTTTC  
AAACTTGATGATGCACCGAGGCCATTGGCATAGAGCACCAACGGCAATCGAGTGGATCGCTGCGATTG  
GCCTGCATCGTGGCAATTGCATGCATGGTGGACGCCAGCGCATGCAGCGTCG  
GCTATCGATCCATTGCCTGCCTCATCGACACGTCTGCGGCTGACCTGCGTGC  
CCCGCGCAGGCCAACCCAACACCAACAGCCATGGCGATACGGCGCGAACACG  
GTGTCCGGAAGCCGGCGTCAGTGACCAAGGATCGGGGAACATCGTCCGGAACCAAGT  
TCCCTCAGCTGCAAGAAGCGTCTTCTGCACCAAGCGATCCCTGCTGCTTCTG  
GCACCACCATGTCAGCAAGGTGAGCGTGCAGGCCACCGGACCGCTGCGCG  
AGCAGACACCAACGATTGTCTGGCTCAAATCGCTCCAGTCGATGACGATGACCGGC  
TGCAGCGCCGCGCACCAACGCGCCATCGCCATATCGTGGTCGATCACTGATCGCTCAACC  
TGCAAATTGCGGTTACTCAGCAGCGATCGACTGCCTGAGCGCGCGCACCCG  
CAGTGCAGCGCCGCCACGAACGTGCGATGTCCATCAGTGTCAAGCCTGCGTCCGTGCA  
ACAACGCCTCAACCGCATGCAGCAAGGTGCGTGCAGCAACGCGATGCATCCGGAC  
AGTGAGTTGGACAGGCACTTTGCAATACTCGCTGGCGCGATGGTCGTCACCTT  
CTCTGGCTTAGTCACCTGAAAGATTGCGCCATGCGCGCACTTCTCCAGACGATCAT  
GGCGCAAGTGATTGATCTGACACGAGTAAATGTGGGGAAACCTCAGTGGCAGGTAC  
TCTTACGAAAGCCTGATAACCCAAATTGAACGAAGAGCAGACCCGCAATCCTCG  
AGCTGGGTTGCCCTCTGTCCATGGATGAGGAGTCCTGCCAGAGCGTTCATCGAG  
GCCTTTAGCCATTACTCAACAAGCCAAGTTAGATGGTAAGCGTCATGACTTGTCA  
TCGGCGTAAGCTCACACGGCACCGGATATGCTCCATTGCAACCCCTGCCAAACC  
GAGACGCAATTGTCGAGTTGCAAGTACATTGCCAGAAGCGGAAACTCACTTCAT  
GCCCGTACATGGTTGGTGTGCGCTGAGCCGGATGCTGAAATCCAATTGGTGTG  
ACTTTAGATTTCGCGTGGTCTCAATCGAGAGAAATGGATCAGCTGACGAAGGGTATG  
AAAGCTCCCACGCCAGTGAAGGGCGCGCTGAAAACATTGAAAGAAATATTGCC  
TAAGAAATGCGGACGTAACCAAGCCTGCTGCCAGCGGAAAAAAAGTACAAAAA  
AGTGCTGCTCTCCTGATAGCGATGAAAACGTGCGGTACCGGAAGCTGCGACCGCTAG  
GCCTAGTACGAAAGTACTACCGTAAACCTCTCAGCGCGCAGATCAGAGTGACCGTC

GCGGAAAAATTCTATTCGATGCTAAACCAGTTGATCGCTGCACAGAGGCTCTGATC  
AGTAGTTACTCTGAACGGCTGCTACTGCTGGATTAAGGCCAACCATGAAAGGCAGCT  
TTGGGGCCAACTGGTGAATTATGCACTATTACTCACTTTACGGTGTGACCATGGC  
GCCACGAACCGAAGAACCTGCTGCACTATATGAGTTACTTGAAGAGATGACTCTGC  
CGAGGACAAAAACATTCCCTCCTGTCATCTGAATGGCTGAAGAAAATCGAAGACT  
GGCTGATGATCAGTTCTGATCACGATTCTGGTATTCTATGTTGCAGCGTGGTA  
TCGCTA

>CONTIG\_199\_length\_2286\_cov\_5.115794

CGCTTTCGGCTTCGCGAGAAAGCCATGACCTGCTCGTCAGTAAAACGTTCTTCA  
CGTCCAATCTCCTCGGGTAGGGAATTGGACTCCAAACTGAGGGCGCTACTCAAATT  
GGGTGGACGTCGGATCTGCACGTTAGGTCGTGCGATTCAAAGAGAACTACTGGC  
GGACGTGGCATGTCACCGAGTACTGCCAGCGCTAGCGCGCAGGCCGGCAAGATT  
GCGTAAAGCAACGATTGATGGTCTTAAGATGCCCTCGCCTCCCGTAGGCAGGGAG  
TGAGGAGGTCGCTGTGCAGGTGGATGGCCCACATGGTTATCAGGAAAATCCA  
TCCTTATCGTAGGATGACGGAGCTCATGAGGCCAGTCGGTAGCCTCGGTACCGCAG  
CCAGAGCTATGCTGCTCGGAGTCGCTGATGAAGGTACTATTGTTCTGCCGGTT  
CTGTTGCGAACCAACCTACTTGACCGCATGTCGCTGCTGGCCGAGACTAACATT  
GGCAGGGCAGGGATTAGGGAGCGTTACGGGGTAGAGAGGGCGCCCTGCCCA  
AAGCGGACGCCACAGTCCACTGCTCTCAATTGGGGCAGGATATGCCAACAGCAGGC  
TCGGAGCCCAGCTCATGCCCTCAATGAAGAGCCTAGGGCTTCCAGTAAAGACTCT  
GGCATTCTGGACGCATAGTCGGCAGTCTCATCGACAGTCCACGCTTGGTTCGCG  
GTATGCGTGACTIONGTAGTGCCTGACGGATCCGACGTTGGAATCAAACCTGAA  
ACCAGTGATCTGTTCTGGATGCGACTCCTCGCAAGTCGGCGGCGTTGCGTCTT  
TCCGCATCAACCACAATGTGTGCTGCACCGAGCGCACTGCTGAAGCTGTTGGTCG  
ATCTCCGCAAGCTTAGATCGAACGTACCGGGCTCGGCTGTTACTGATTCTGCGCTT  
TCTGTATCCCAGCTGCAAAGTGCTACTGCTTCAAAATTATCCAAGTAACGCCGGTCG  
GATTCAATTGGCGCTCTCGAGCTCCATCAAATTGCGATGGACTACCCCTT  
TAGTGAAGAGACGGAAGAGCTTGGCCGACCAATAGCGAGGAATCAGCAGTGTCC  
TCAAGAAGTGCTGATGGTCGCCGATACGATCGTCCCGTGCAAATGGATCCTCC  
CAGGAATAGTTAATGGGGATTGCATCAAGAGCGCGCTACATGCTCAATGAGGTA  
GCCGTCACTAACGGTAGTCAGCGCGCAAGAAATGTGACATCCAGGTGCACAAAGG  
CCCTCTAACCGCTATTAGGTCGATGTCGGTGCAGATGCGTCAACTTAGTAG  
ATTCCGAAAGTCAAATTGCCGGAGCGTAGGCGTTGCACTCGACTGAAACGCTGC  
CTCGATCCGTATCAGTTCAATATCTGGAGTCCGCCGGTCCGACTCAGGAGTGAATC  
TTAAGTGGTAGCCTCGAGTAGATAACGAGCGGCCGTAGCAAGCTCAAGCAGACTA  
CCTTCAGGATGGTTATTCGAGGATTAGGAACCTCGCTGCACGCCCTCGATGCCTT  
CGACGTGCTGCAAGTGTGGTAGTGCACCTCCGATGAGCTCAAACCGGAATGCC  
GCGACGCGATACGGGCATCGAAGAACGACGGTCACAGGTAAGTGCATGTGCCTGG  
AGAAGCAGGCCTGAAGGCAAGTCCCCGGTGGCAAAAGATCTATTGGGTCGGGCCA

AAGCATCGACCCGTCGGTGGCAGACAAGCGTGGAAAAGTGATCCTGGCCGCTT  
CAATCCTCGTACAAGATCAGGTCCC GCCACTGGTGCATCCAAGCGAGCGTCAGCT  
CCACATCAGGATCGTGTGAGACCTATTGCATAGTAAGGAAGTGTGCCTACCTAT  
GGGCCGGTAATCCAGACGAGCAGGGATCACCATGCCCGGATGCGAGGGAGGCCT  
CTCTACCCCTGAGTCGGAAGTGGTCGAGGTCAATTATTGGCGGCAAGGTGGAATGAG  
GGGCTGGAACGTCCGATCTGCCGGAGTAGGAGGGTGTGACTCCCCACAA  
TTCAATGCCAGCAAACACTAGAGGTCTGCCGGTGTGACTCACGGAACACTGGCGG  
GCGTCAGCCC GCCCAGGCTGCGGTATCTGTTGGTTGAGTCGGCCAGCCACT  
GTTCGGTCTGTTACGGACCTCGCTCAGCGTGC GGAAAGATGTGCATGTCCAGCACGC  
CGCGCCGGTAGCTGCCGT

>CONTIG\_200\_length\_2280\_cov\_7.028333

GCAGCAGGTGGGGTAGTCCGACTTGGCGGCGAAGAATTGCTCATGGCAGGCGTG  
TGTCTTGAGGGCCTGCCAGGCTGGAAATATCTGAGGAAACAGTCACTTATGAA  
TTTGCTCTGTAACGAAACTGACGGTCAGAACAGGGATGTGGCGGGAGTAACGGTC  
TTTTTGTGCGACCGTGTGCGACGATTCAAAGCGAGACCCAATTGGCATGTTGCG  
ACGAGTTCGCATGTAAGAAAAGCGTGC GTGATGTTGCGACTTGGTTGAGCCAA  
TGGCACTTACACGACAGCAATGGAGGATGCATGAGCAAGACGTCGGAGCTGCCGA  
CCTGCCAAAGAGGC GCGGGTCGCTCAAGTTAACGACTACGCCAAGTCCTGA  
GCCTGTCGGTGGATCGGATCCCCGTGACGGACAACCGGGCAAGGTCAAGCTGGT  
GAGCGGGCCCTGAAGAGGCC GCGAACCC TACCGTTGGTGAGCGAAGT GACAA  
GGCTCCTCCGGTTTAGTTTCCGGTGGGAGCACCAAGACCACATACGAGGTGGT  
CAAGCGTGGGCCGACGGCATCCGCC TTTCTGGCAACGTCACTGACATGGG  
GCTGGACGAAGCCTACGAGGTAGCCAAGGGGACCTGTCGGTGCTCCGGCAGACCG  
GGACCAATCCGGTGCACCAGGAGCGTGCAGAACCTCGCGCCAAGCGTCGGAAAAAA  
CGCTCGGAAGACATCACCGCTCGG CAGTGCATGGAGCTCTACATCGAGCGCATGG  
AGAGCGGGCCAAAAAGAAGAAGGTGAAGCAGGTCAGTGTGAGGC GGTCCGCAGC  
AGCTTGGCCCGTCTGGAGCGACCCGAGGTGGG CTCGGCAATTGAAGATTGGGA  
CACCGGAACCCAGGACGTGGTGC GGGGATACGACCGTTGCGCAAGAGCGCCATGC  
TTCGCTCCAACCGTATCCCCACCGCATCGTCAGGCCTGGCATCCACGACGACT  
GGGCCCAGCTATCCACAGCTCAGCTGGAGAACTGGC ATCGCTGGAAATACATT  
CAACGGTAAGGCC GCGGGACTTGCCTGCCAGCAGCACCTCACCGATGCCAA  
GCGCTCTGTGGACCTGTTAACGAAGTGGAACAAAGAACAGCGCACAGGGCTGGC  
GGGAGCCAAGATAATCTACACCCATTCCAGGCTATCTACAGCAAGGATTGCTTC  
GCGGGGCTCAGGACCTCGCAACCACTACAGTCGGCTGAGGTGCGCAATCCGTG  
GGGATGACACGCTGCCAAGGTGCTGAAGGT CATCCTGGCTGCCAGATGAGCA  
GGCGGTTGAACGCCGCCGGTGC CGATTACCTGCTGCTGACTCTGTTGGGGCAC  
CAGGCGCAGCGAGGCAGCCGCGTTGC GGTTGACCGCTGCACGCCGGCGAGC  
TGAGTCAGCGCGAGGTGCGTGGGTGTCGTTGACGCCGCCGGGCAGGTCAATCCTT  
TCACTCGTCGGAGGGATCGCAGGTCTATCTGTCGACACCAAGAACGGAGATGAG

CGCTATTGCCAGTGACCTATTCGCCGAGCAGGTGCTTCAGCGCGTCTGGATGAG  
CGTCCGGACGATACCGAGGCGAAGAAGGACGTAGCGACAACGGAAGGCTGCTCG  
AGCCGCCAAGGCCAAGGGCGCTAACCGGGAGTTGATCAAGGGATTGGAGGTGGAGT  
TGGAGAAAGCGCGCCACACTCTTGATCGAACCCGCTATGTCTTCCCAGCACGTTCAA  
GCCGCAGCCGCTCGGGCACTACTCAGACAGCAAGAGCATCGTGGCCAATGTCCGG  
CGCGATGCGGGCTTGTGAACCTCAGCGAGGATATCGACATCGGGCTGACCCCCCA  
CGATCTCGTCAACGATGGGCGTTACCGAGCAGGAGTGGTCCAAGTTGCGAGAAGCGATGGGG  
CGTCTCCAAC TGCTGCATCACACACCGAGCAGGAGTGGTCCAAGTTGCGAGAAGCGATGGGG  
CGGTGTCGGAGCGCTACACCGAGCAGGAGTGGTCCAAGAGTCCCGGGTGTGGAACCGGCTGAAGGG  
CGAGTTGAGGAAGCCATGGTCCCAAGAGTCCCGGGTGTGGAACCGGCTGAAGGG  
GACGGACAAGCCCGGCTGGACGAGGCCAATGACCCTCCGGTTACTATCTTGCTCA  
ACGGAACCAGCGGACCGCACTGGATGATTGAGGTTGTCGAGTGAAGAGGACTAC  
CGCGCGCTGTTGGAGGCCGCGCTGGACC

>CONTIG\_201\_length\_2259\_cov\_7.655253

ACCCCTCAAGAGGCCTACGCCGCTGGCAGCGCACCAAGGGTTACCGCGGCCAG  
TGGTGGGTATGACGCCGCTGACTGTGATGGGGCTTTGGGTACCTCGATGCTC  
AGCGGGCTGCCATGGTCTGCTCGTGTGGCTCAGCTGACCCGATAGACCCAA  
ACGTTAATTGGGATGGGAGGGATGTCCAAGGCACCCGGCTAGGGCGCTGCAGCAA  
GCTGTCGTTAAATCACGGTACGCCAAGGTGAAGCAAGCGCCCTGCCCCGGTTGA  
CTCCACATAGACAAAGCCGCTGGCGCGAACCGGTCCATAGACCTGAGAAAGGC  
CCAGACCCGTCTTTCCAAGGCGGTTGGTGAAGTACAGCCTCGAACAGCGCC  
CAACCACCTCTGGCGCAATGCCCTACCGAGGATGGCAAGCCGGACGTCTAGCTC  
TCGATCGGACGACTCGGTCTTTATTGGCAATCTACGCCGGCGACGTATCCGTG  
ACGAGGGAGCATCGATTGTTCTACGTGGCGCTAACTCTCGCTAGGCAAACCGTGGT  
ATGTTACCGTTCTAGGGAGCAAGCCGCTTGGAAAGATTGGTAAAAAAGGA  
AGCTTCGAAGTGACGAGGTTGGCTTGGAAAGGCCGCTAAAGAGGATCGGTGTGCCGC  
ACGCAAGGCTGGGATGTTGGCAGACCGAACCGCCTACGGCTTATTAGATTCTGC  
TCCAGCTTCCTCATCACAAAGAAAATCATCAAGCAATATCCTGTCAATTAGCGA  
AGGCCGCTAAACCTAAAAAATTCCAACACATTGCGTAAAGCAAATACATAAATAA  
AATTACTTACCAAGCTTATCAGTTACACTCCTGCACAAATCAATGATCGCTTAGCC  
AATTCAATTCCGGAGCCTCAAATCACTACCAACATCGTCACTTTTCGGTAT  
CACTAATCATTTCACCAAAGCCATAGCTAATGACAGAGGAACGCCGAGCGAGC  
ACTAGGCCCGCCTAAGAAAATGCACTGCCACTGCCACTTTATCAGCCGA  
CCGATAATAAAAGCAGATAATTACAGATATTATTGCCAAAAGATCGCAATCAA  
CATCCCAAAGAAGACAGTCGAAATAAAACTAATCCCCAGAAAGCAAACCATCGCT  
TCCTTCTGTGGGCTTCGATGTTCTTCTATGCTCATCCCTTAAGGGTTCTGTCGAG  
TGTGGGATCAAAAATCCGGGCTGACCCGGCTGAGAGCCCTTAAGTCCATCTGCCGT  
GGATTGGAGGGTCGAAGAAATTCTAGTTGAGCGCCTTCAACGTCTCGATTACTTG  
ATCAACAAAGCGCGGTGAATTGGACAGGATCCAAAGTGACCGAGCTCGAAGGCGGAG

AAATCACATCTCCAGCAGCTTATTCTGTGCACTGGCTGACC GTAGCAGCGCCAT  
GCAAAGCAGCTCCGGTTAACCGAGGA CTTGACGCCTGTTGGGGTGC GCTT  
GCGTGGGCTTCTGGATTGTGTCGGAACCTGAGTTGACTCAT AAAAATCTCTG  
ATCAAGTTGT CATCAATGACAGCAGAAA ACTGGTCCGACCTCGATCATTCAA  
GTAATCCACCAAGGCAGGCCAGGCATGTGAGTCATGTTGAAAGCTGATAACCAC  
TAGCTCCATAACTACTCAAACGCTTGGAGGAGTTGGTCAGCTGAGCGTCTAC  
CTGCGATGCTCGGTCCC ATGGATT CGGCCAGTCTGT AATAGACCACTGACTGGACT  
GCCATCGTAATCTGAACCTGATTATAAAGCGAACGAACTACTGGCCCATATTCCA  
AGCCTCCACCGGCTCGTGATAAGTGGACCGCGACC ATAGCCGAGACTGAAAGCAT  
GAGCTATGTAGACAAGCTTGAGCAACTGCATGGCGTCAAACCA CGCCTCTCGCG  
GCGGCACGCTCAAGAAGGTGTTAGCAATGTTGGAGGGATAGGTCTAGCTCTC  
ATGCTTCGAGTCTACCACATTCACCGAATCCGTAAGACATCCGAGCCAACAAGTC  
AAGGCCCTCTGCGGGAGTTAGTCCATATCTGTAGGTAAAACCCTTACATGGAACAA  
ATAAGAAAAAGCCCCATCAGGCTATGGCCGCTTGCCTGCAAGACCCGCTACAATGGC  
AGACCACAAAGCAGGACACCCCTGGTTGCGTGGCTGTAGGAGAG

>CONTIG\_202\_length\_2252\_cov\_4.154824

ATAGAGGACATTGCTGCTCCATTGGAACAATGGAAGTAGT GATAAAACAGCTCA  
GGAATT CGTCAATCAGAATGCGTGATTTTTCTTGCTGAAGCAAAC TCTGCCGCA  
ACGGCTCCGCTGAACTGCGCCAAAATTATTCTGTCCGGTCCAACCAGGTGGATC  
CATTAAATTCAATGATTAGGTCTGACTGGCGAAATATTGAGTGATTGCCCTGG  
CATTATTGTACTGTTAATGCAAATAAGCTAACTAAAACAGCTCTTATGTTAGCTTT  
AAGGTGTACCGTTCCTAAATAATCAATCAGATGTTAGCATTATCTCGTAAATAAGG  
CAGCCAAAAACGGGAGTTAACTAACATGGACCCCTTGAGGGCGTGGTGTGGACT  
ACCTGCGTGGATCGCGCGTGT CGTCAGCAGCCAGTGCTGTATCGGGCTTCCAT  
GGGGTGGCCAATCCGAGCACCAGTCCGACTGATGTTGCTGGGTGACGGCATGCC  
GTGCCGGGAGCTGGCTTGAAATTGCTAAAGGTCTCGTCCCAAGGGCGACTCA  
TGGTCATCATATACGTGCCCTGGCTGCCAATGGCAGCGTGTGAGCAACGCCGTA  
TTGATGATTCATTCTGTCTAACTTGGT GAGAGGGCCAATGTCTAATGAAGGAAA  
TTTCTGAATCACATCTTCGCGTCTTAGTCTGGCGAGTTGATAACGCCACCTA  
TCGCTCGGGCAGCTCGTCTGATGGCATTCCAGCCGGT GATTGGCGGAAATCCTGC  
GCACGAGCGAAGCCACAGGCCGGTCTATGTCGCTTGAGTGAGCGCGCTACAGGT  
GCTGGTGGCCCGCAGTCCCGGACTTGCGGTTGGGCCTCCCTCAACTGCTCTG  
GAGTTGCGGGCGCAGAACGATGGTTACGCAATGCTGTCGCGCAATGGTGGCAAGTT  
CTGCGACGTGCAGACCGTAAACAGGCTCAGCTCGGTGATGGATGAGACAGCAG  
AGAGCATAGAGCTCACACTGCTGGACATGAGCAGCCTCTGGTCGTACCCCTAGAC  
CAGAAAAGGGCAGAGTTGCCGAAGCCGGTGCCTGGCGAGGTGCGGGCCTCATGGC  
CTCACAGTTAGAGATTGTTGCGACCAGCGTCCGGCCTGGGATGTGCTTGGTCGCT  
GCGCTATGGCGCTCCAGGGATTGTCAAGTCGAGTTGCGATACGCCGGCGCTCG  
ATGGTGCGTTGACTGCATGGATGGCGCTAATGACCGTGGATATTGCCGTAGCTCA

GCGACGGCCAAGCCGCCATGCAGGTTCGTCCGGATGGCAGCGCACGTTTCGATG  
TTCGTCAAGGGTCAACCGCACACGGTGTAAAACTGAACGTGTGCCTGATGCGCGCTA  
GGTATAGCTACGCACACTATCGCGCCAGCAATCACGTTCTGGAGGATGTCGTGCC  
TGGCGCTATCACTCCTGGAATCAAGGTGCCTACGAAGACCCAGCCGCTCGGCCTCGG  
CCAAGCCGGTTCAATTGCGTAGGTGACAAGTGTGCGCGGCTCAGAACCTCCTGA  
CAGCCTAACGCGGTGTCAGGCCTAGGCCACGGAACGCCTGCAGCGAACCTGACT  
TTGCCGGACGCCGGGACCGATGGTCGCTACCCCCGCGTGACGCTTGAGCAGCGTCAC  
GCCGGCACCCGAACTGATTCCCGCTGCCTGGTGGATGCGTCTCAAGCAGTGC  
CAAGGCTGCTGATACTCAAGCCCATTGGACAGAGCCAGCTCGCCGTACCTCGAA  
CGCCTGGATGCAGCCGTTCCGACATTGCGGGCGTCGAGTCCTGATGCCGCCACTTT  
TGGCGAGCTTTACAGTCATGGCCGCCCATCGAGAGCAAGGCAGCGAGCGA  
AGACGCACAGTCGTCGCCGTGGGCCAGGAAATCTGTCCCTGGCACGGACTGG  
AAAACACCGAAAACCAAGTCTGAGTTCATGAGTGTGCAAGGCCATCCGATGGT  
TGCCTGCTTCTCGTGCAGTGATGCGTAAGGCAAGCAAAGCTAGGTAGTGG  
CTTCACCAATGGCTGCAAAACCCAGCCATAGCCTGCTGACAACGTCAGTCGCTCGT  
CAATCCGCACGCCGTTGGCCCGTAAGCCTGTTGGCATGCATGGTTCTCCACA  
ATGCGCTGGCCTCTGAAGGAAATCTGGCTCGCTGTCC

>CONTIG\_203\_length\_2221\_cov\_64.445081

TGCAGGCATAGCTTTGGCTCCGGTGGTGGTAAAGCCCTGGAGTTATCGA  
TATTGCACACGTTAGATCGCGATCACGGGCCATAGGGCGGCAGCGCCAAGTCTTGT  
TGACCATCACCGCGACCCTTGGCCCGCCCTGATTCCAGTGTCCGGCTGGATGTTGA  
TGCTGCCTGAAGCAGCTGTGCCGCCCTGGTTGATTGACTGTGCCGCCCTGGG  
ACGCGGCTTGACCGCGTCACGCTGGAAAGAGGAGAAGACTATGCCCTGGCGGTG  
GCAACGGCTGCAGCAACCGTGCTGGACAGCAAGACGCTAGACAGCACCTGCC  
GTGATTGTTACCTTGTGCTCACGCCAGCGTAGCCGGATAGGTCAACGCCGGCAT  
GCCTTCAGGTGAGACTGGACCCGTTGGAAAGCGCAACCGCTGCCACACCAGCA  
ATACGCGGTTCTGCGAAGGTGACGCGCGAATCGTATGCGCCGATCAGCACTGAA  
CCTTGCAGGATGATCACGTACCGGCCGGTCGGGGTGTCTAGACCGGCTGTGACAC  
CTGGCGGTGATCAGGCCGGTAGATCGCTATTGATGCCGTAGGAACAGGGCAG  
GGATCAGCACGCCGGCACTGACGACGGTCGGCGTTGCTGGCGGTGTCAGACGCGAT  
TGCAACGTGCCTGTATCGCGCTTTCGTCATGAACCTGGCGCTGTCGTCCTGCGGT  
TTGCGTCATCGCGACCGGTCTTGTGCCGCCGTTGGCGCCTGCAAGCTGCCCGCTG  
CTTGGCAAGCATCTGCTGCTGCAGAGCATGGCGCTCGGGCGCATCCACCG  
AACGCCCTGCCCTCATGTTGCCGGCTGACTGGTGCACCTCCCTGCTGGAAGCTG  
GTTTCGCGTAGCGGGCGTTGGCAGCCTGCTGCAGGCCTGTAGATCCTGCTGCGCG  
GCGAACTGCTGCCGGCTGTCTGGGGCGGTGACAGACGCCCGCTAGGCGCGCGT  
TTCGGCTTGCTGCTGGGCCTCGTATTGCATTGCCGACCTCGCCCGCATCGGTGG  
CCCCAGCTCGGGGCACGCTCTGCACGTTGCTGTGCGGCCGTGGCGTAATGCCCGG  
CAGCGCATTGAACGCCCTGGGCTTGGTCGCCATGTTGCTGGCGGCTGATCCTT

AGCTTGTCTGGTGGCTTGCGTGAAGCCTGGACGAACGCCAATGCGATCAG  
GATGCCCGCATGCCGGATGATGCCGACCTCTTGTCCAAACTCTGATCTC  
GGCTCGCGTGCCTGGCGCTGGGGCGCGTAGGCCCGCGA  
GGCTGACTGCCAGTAACAGGATCGCGTCGTCAGCCGGGTTCCGTCGGT  
CTGCATCGGCACCTGTTGATTAGCGACGGCGATCGTATGGCCTGCTAGCACC  
GACCGCAGCTCGCGATCGAACACCGCATCCACGATGTAGGTCGGCCGGTAG  
TGCCGTTGCCACACCCCTGACCGGTAGTTGACCAGCAGCGGTCGCCCTCTGA  
TCAGGAACAGGGCGGGCGTCGGTCGATTGAGCGTGGCCGGATCGGGATATAG  
GTCTGCGCACCGTCGTCAAAGACCTGCATGGCTCCAGGAATAGCGGCCGCCCTG  
ATGTCGTAATTGAAGTGAAGCGCATCCGGGCCACGGCCACCGGCTGACCGCTTC  
GCGCTGGCCCGACGGCTTGCTCGCTTCCAGGTGTCCATCGGGTACTGCCATGA  
CACACTCGGCATGCTCCAATCGGCCACGCTCGCGCAGTGACCAAGGTAGGTGCGAC  
GATTGGTGGCAATGAACAGGTGTTGGTCAGACCTGGCTCCACGGCTTGAGTACCA  
GGTGCACCTGCTCGCCGGCATCGGTGCCGCTGGTACCTGGCTAATAGCCACCGCA  
CAGTGTCCGAGCCATTGACCTCGCCGTCAGCTGTCGCCGGCTGGAAGTCGATCA  
CGGTCTGACGGCCTGCGCCGACATAGATCGTGTAAAGCGCACCAAGGCCGGTAGGTG  
AAGATTGTTGACCGCCACGTTGCCGCTGCTGTCGTTGGCACCTGGCGCGCC  
TGGCCGACGTACTCGGCCACTTGGCGCGCTGCTGTCGAAGTCGACCGCGCT  
TTGGCGACACG

>CONTIG\_204\_length\_2201\_cov\_6.890550

GCCGACGAACGTGCGTCTCGCTCGCTGCCTGCTCTCGATGGCGCGGCCAT  
GACTGTAAAAGATGCCAGAAGTGGCGCGATCAGGACTCGACGCCCGCAGGGCGG  
GCACCGCAGCATCCAGACGCTCAAGGTGATGGCGAAGCTCAGCTCTGCCATGGGC  
CTGAGTATCGCGGTGTCGACCCACTGAGACTTAGCATGTCAGGACAGCGAG  
AGCGAACTTCTTGCAAGGGTGCCGGACAACGCTGCTCAAGCATTCCATCGGGCATAT  
TCTCAAAGCCTGGCAACATCCACCGAACCCGGACGTGAGGCCAGCGAAACGCTTT  
TAACCTGCCAGCGCTACCAAGTCCCTCTCACCCCTTGAAGAACGAGAACACCTGA  
TGGCAAAGAAAAACGCCCGAGGAGTGAACCTGGCGTTCGTGGAAAAGCTGGACCT  
GATCTCAGCTGGCAGGGTTCGATGGGACCTACGTCAACCGGTCGGAATTCTGCCAC  
CGCACGAGCCGTAGCAGCCACCGCCGATCAGCACCCGCCACCGCCCGCTT  
CCAGCCGAGCCGCCGCCGGAACCAACCACTGAAGGCTGCTGAGCAATCTCTC  
GGCCATTCCCTTGCCTTCCGCAAGGCTCTCAATATAGACCATGCCACGGCCA  
GTGTAGCCGAGAACATTTACGGTGTAAAGACACATAACCCCTATAGGAGTTGTGACC  
CAATTCCCTACCCAGCAGTTGGATGCTGCCGAATCAAGCCTATCCATAAAAACG  
GCATTGGCAGGATTCTGCTGCTAAACTTGGCAGCTGCTCAAGGGCACCTGA  
ATTGGCACCAAGTGGCGGCATCGGGAGTCCGAGCAGCAGCAAATGCAGCCCCATAAG  
CCCCGTCAGAGACATCGCAGCGACGCCAGCTTCTCATAATTCCCATTACGCC  
ACTCCTTTAAAGAACATAACCACACAAACCTACTGACCGATTGGACGTTATC  
CAATACCGGTGCCCTGCCATGCTCGACGTAGATCCGGTCTATTTCAGCGTTGAG

TCGCAGGGCTTCAGACTCCCCGAGCATTCTTGCTCTGTTGAAAGTGACTTAGACAT  
CATCACTCTCGAGTAACAGACGCACGGGTATCTCCACGCATTCCGCCACACCGA  
CACGGCATAACGCAGAACAGGATCCCCGCTTGCCTGCCGCCCTGGAAGGACGCCA  
GCATATTCAAAGCGAAAAGGTTCCCTCCGACCAGCGTCTACCAGACGCTGTTGCG  
CCATAGGATCAGAAGCGAGTAATCGCGCATCTAAGATCGTCTGCGCAGACCTTATCCC  
CTGCCTCTGAGGCCTGCTTCAGCAGGGCTCTGGCGGCCATGTAGGCGTCAGGCT  
GCTTTCATTGGGAAAGCCATGACGATCTAGCCACTCTGCTCGGCCCTGCTTCGGC  
ATAGCCCCGGTCGTTATCGAAGCTCATCCCGTCTAGTTTCGGCACTTCTGGAA  
CGGATGTCGAACACGAGAGTCATTCCGAAGATCGACGCCGCCCTCAACCGAGTGAG  
ACGGGGCCCGATCCTGACTGATTGCTCGCTGCATTGGGAGTCTCATTCTGGGAGA  
TGCCCTGCGTTGACCCCTCGTCCTACCGCGCTCGTGCCTCCAGATGATGCCACCTAC  
TACGACTGCCAGTGCTGCTGCACTTAGCGTCACTGCTTGTGCCATCTCACCTCT  
CGTAATTCCATTACAGCTCGTATGCGCAGTCCAAGGAGGATAGCGTTGCAGATCA  
GCTCACTTCACGCAAGCTTAATCTGCAAAAAAACTTAGTCCGTATCGGAGCAAAGG  
CCTGTCGAAGCAGCGAACGATGAAGATGTGAGTGCATGGATCTTCTGCTTATT  
CAGCGCCATGACACCGAATGAGACCAAGCCTGCCATGATGTAACGGGTGAACCTTC  
TTACAGGGTGCCGGCGTACGCTGCTCAATCGTCCCGAGTAGAGCGACCATCGGT  
CTCGCGTCCGGCAATGTCATATTGGCTAGGTTGTTGTAAGCCATAGGTCTCAAT  
CGCCTCGCGATGTAGGAAATTCTGAATGCCCTCACCGCCGTAGCCATCGATTAGC  
TTAATTAAACTAACATAATTACCTAACATTATCATATAT

>CONTIG\_205\_length\_2191\_cov\_9.753391

CGCATGCACCGTGC GCCACTTGGAAACGTCTCGGGCAACATCCGCCACTGGCAAC  
CACTCTTGAGCAGATAGAGCACCGCGAAAACACCTCGTACAAATCGACCTTGCGT  
GGCGCGGTCTTCTTGCCTGCACCTCAAGCAAAGCGCGGATCTGCTCAAAGTGC  
CGGCTGATGTCACTGGGATAGCGTGCCTCATCTCCATATGATCGGATATTGGG  
AGACTTTGAACAGGTTCTAGGCCAATCCTGCCATCTCGCTCAGGTAGCGGCTAA  
ATGCCCTGGTGAATCCAGTTCCAGGCTTGCCTGCTGCTGCTGCTGGGAA  
CAGTCGCTTGTGCCAGCCGCTTACAGGTATCGACCCACTCCATAAAACCTAGGGC  
CAAAAGATCCGGATGCAGCGGACCGTGCCTAGGCTGACTTCGGTCTGACCTCTG  
ATGCTCTCCCTCGTCCGAAATCCGGATGCATGGATGTTGCCCTTAAAGACATC  
CGCCACCAGCAGCTGCCGACCTCAGAAGCGCGCTCCGGTAAAGGCCGATGA  
GCGCGGCCAACGGCGTTGGGAAAGCCTGGGAAGTTGACCGCGAGAAGATC  
GCCTGGATCTGCTCACGGTCGTAGGCCTGAAGCCGAGCTGCGACGAGCGCGCTC  
TCCCGTTGGATAGCTCACATGCCATGCCGGTTGTCGCCCTTGGGTAGTAG  
CCTGAGGCAATAGCCAATCGAAAAAGCCGCCCTCCGCCACATAGCTTGCTG  
TTCATCAGGGTCCGGGTTAGAAGCGCCCTGTCGCGCAAGTGCTGATACCAATGCG  
AGATCTGTCGCGTGAGGCTGTGAAGCTGGTCTGGTCCAAGAAAGGCCACCAA  
AGACTCGATAGCAGTCTTTGATCGTGTAGGTCTTGGGAGCGTGC GGCTTGGAT  
CGACCGAGCCAACCGTCCGTGCCCTGTCAGGCAATTGCCTGGCGACCTGGC

GCCGGCCGGCGGAGATTGAACGTGCTCTCCAAGGTCCAGCGCGCCGATGGCGGCG  
ACCTCAGCGGCATTGGCCCAGGTCTGGTCTTGCCTGCGAAATAGACGCAGATCTCGTCG  
TTGTCGATCTGCCACCTTCGCTGATCGTGCCTGGCTCAGGCGTGCACCAACGCATCCATGTCC  
TCAAATCGCGAAGCGATGCGCCTGGCTCAGGCGTGCACCAACGCATCCATGTCC  
TCTTGCCAAGTCTATCCACACGTCGATCCCTCAACAGGTGAAGGCCTGAGCATAAC  
CTGAGGCAAGCATCAGGCCCGCAGTCGCGCTGGCAGTTGCAGATCGATGGGAACCGTGG  
GTGTGTTGATGACCTTGCCTCCAGACCAGTGTGAGGTGATGAGGAATGCGCATCG  
CGGAAGGACCAAGTAGCCAGAGGAGGATCTGACGAGGTGATGAGGAATGCGCATCG  
GGAGATGTGTCCGATTGTGCTCTGCCAGACCTAAAAATCTCCGATATAATCCT  
TTAAAAATCAAGGAATTAAACAGGAAAAGTGGCGGAGAGAGTGGGATTCGAACCCAC  
GGAAGGTTGACCCCTCGCCGGTTTCAAGACCGGTGCCTCAACCGCTCGGCCATC  
TCTCCGATGCTGCTTGATTCTGCTCTGCGTGGTCACCGATGGCATCGGTGTATCACA  
CAGGCGCCACCGCCTTGCCTGGTGACGCTGATGGTACCGACCCACTGTGCGGTGTC  
ACCACCCCGGGATCGCTCCCGGGCGCGCATTCTCGCATGCCCGGGCGCGCTTGCT  
TGTTTACACCGCACTGCTTTGGCTGGCGCAGCCTGCTGCACCGTCACTCGCGGCAG  
GCCACTGCATGTTACCGCCGGCGAGCACCCGAACAAAGGATGCAACCTGCCGA  
ACGTTGAAGCGAGCTGACTACCGAGAACGAGCAACTGCCGAATGGCTGTCAGCCG  
GCCTCGGCGACCAGGCACAGCCTCAGCCGGCTTCAGCCACAGCCAGCCGGTGCA  
GTGCCGGCCGACGCTTGAGCTTCCGCCAGTCGGCACAGTTGCCGCCAATCC  
AGACGCGAGCGTTGATCTCGCGGGCAGGTGTTGGCAGGAAGTCGATGAACAC  
GCGCACCGCCGGCAGCAGGCCGGCGAGGCGAAC

>CONTIG\_206\_length\_2189\_cov\_278.254122

TGCGCTCAGGCAAGACGATCTGTGCCGGCATTCGCTCTGCGTTGCCGGCG  
ACGGCGCTCGCACCGCCTTGCTGCTCTGCCTGCAATGGAACAGCAGATGGCGCAT  
CGTTCTGTGGCATGACTACTCGGGCTTGCTCACCGCCCTGCTCCACCGCCGCATT  
CGCCGATGCCGGCGCTGCCGGTTCAAGGCATCTGGCGCGCCTTGCTGCCGG  
CAATGCAGCATCCAGATCTGGCCGGCAACGCCGGTGCCTGCCGGCAACCTTGGTTTG  
CTGGAACTGCCTACGGCATGTTGGCTCCGGACCATAGTGCCGTCTGCCGGCAC  
GGCATGACCGTTGGACCACGCGCATCCACTTGCTGCAAGCGATACTGCAAGAAC  
GACCTCTGCCCTCGGTGCCAGGCGCAGCCCTCACTTCTGAAATGACGGCG  
CGTTGGAACAGTTGCCCTGGGTTGGAGCTCCTCACGAGACGTGAGAGACTGATGAAG  
GCGATCCGACGCTCGGCGCAGATGCGCTGCCAGGGTGGGTCTACTGCCCTGCC  
TCGGCTGGACTGCGCCGGCTGCGGGGGTGCCTGCCGGCAACCTCAGGTGTTGCC  
GTGGTTCGCGTTGCCGGACAGGTTGCCGGCTCGATTGCCAGGCTGCCGG  
GCCGGCTCTCGCACTTGCCTGCGTATTGACGGGTGCAGGCATCACGACCGGGGCC  
TCGCCGTCTCCGCAATGGCAGGCGCTGCTCAGCGCGCGTGCACGCCCTGATCAC  
GCGCATCAATGGCTGCCCTGAGGCGCTGCCGGTTCGTCCACATGCCGGCGTAACA  
GCTGTCGCCGCAAAGCTTGCACCTGCTGCCGGACACACACCTGCCGG  
TTGCCCTCCGCAACGCTGCTCGTAAGCATGCCGTTGCTGCCGGATTGCGCATCA

ATGCGCAGGTCTGGTGCACCGGCCGAAGGCGGCTGCTCCTGCCGAAGTGACTGCAC  
CTCGCCGAGTCCTGATGGATGTCGGCGGTGCTGGTGGTGCCTGCCAACGCGCACAG  
CACCATCGCGTCACGGCTCAGATGCTGGATGGGCTGTCACCAGAATTGGCCG  
GTCGCATCACGCTCCAACGCCAAAGAGCTGGTCGGCATCAATCCCCTTGCCTCA  
CGGGTTTTGCACCGCAAGCTGGATCGCGCTGCAGTCTGGCATTGGCGAACG  
CCATAGGCAGGCATACGTCGCCTCGTATTGACCTGATCCTGCTGCTGGCGTTGGC  
GTTGCCTGCCGGCATCTGTGCCAATGCCTGCGCTGCTGTTCTAAGGCTGGCTGC  
AAGCGTTCACGCGTTGCATTGAGTTCCAGTGGACATTGCCTCGGCAGCAACGCCG  
TCATGCCGCCACTGGCCCTGCGTATCGCGCTGATACTGCTGCCGCTGGAGGCTTGC  
AACGAGTCCGGGTTCAAGGCTGTTGCACGGCCGCTGGCACGGGGCAAATCGTC  
CCAGCCATTGCGCTGATGGCAGCCTGATAAGTCGCTGCAATCGCAGCCGGACCTC  
GGCGATGTTCGCGTCAACCACCTGGGCTGCTGTTGGTCCAACGCGGACTGCGCT  
CAGGACTTGCCTGGATCAACCGTCCAGACAGGTGATCGTCCGATCGACGTCGTCGG  
CGACCATCCGTGACCACTGCCACTCGCCGGATCGTGTGCCAACGTGCGTAGA  
GATGCGCAGCAGCATCTGCCTCGCTGGACGGCTGCACATAGGGTTACTGGGTTGCACCT  
TGCCCAGCGCCTGCTCGCTCGCTACTGGCGTGTAGTTCAGCTCGCGCGCTT  
TTTCGGGCAGTGCAGACATGGCCTGCTCTGCCGATCGACGCCATCGTTGGCA  
GATCGGCTTCTTCTGGCGAACGCAACTGGCTGCCGTTGAACCTCCAGCTCACGCCCT  
GCTTGTGGTCTGTGTAGATCTGGCGGTTGTCCAGAGCGTCACGGCCTGTCGG  
CAGCAGCACTGAACAGATAACCATCGGCCACCACAGCGCAGGGGCCGGCGCCG  
GTTGTGCCAACAAACGGCAGCGCGGCGCACCTCCGCCAGCCGCCACGCCCTCG  
GGCACCAAAGTGCAGCGCTCTGAGCGCGCA

>CONTIG\_207\_length\_2178\_cov\_84.471965

GAACCATGACGCCAGACGTCTCCATCCGATACAGGTGCGGGCATTCCGCCACA  
GGCGCTGGCGGCCCTGCTGGCTCTGGGTTGGCCGCCGCTGGTCGCGCTATTGC  
TGATTGGCTTCGTCCAGGTGGCTGGCCTCCCTGGCAGTTGGCAACCCCCGAGGGCCGT  
TCAACACCGCACAGGTGGCTGGCCTCCCTGGCAGTTGGCAACCCCCGAGGGCCGT  
TTCACCATGACGCTCTATGGGACCTCGAATGCCATTCTGCCCTCCTACTTCCCGC  
TGCTCAAGCGCTGGGTGGCGTCAACGCGGACGTGGCCCTGCAATGGCAGCACATG  
CCGCTGGCCGCGCATGAGCGGCTGCGTCAGCGAAGCACGTTAGCCGAATGCGC  
CGCTGAGGTGGGTGGCATGCTGCCCTTGGCAGACCATCGAATGGGTCTATGCCA  
TACGCGCAGCGACGCCAGGGCTGCCGTTGGCCTGCCGCTATCCGACCTCACGCC  
CGCTATCGATCAGTGCCTGGCGAGCGAGCGGCCGACTGGCAGTCCGTACCCAGG  
CCGCGGAAGCGACGAAGAGCGCGTGACGCCACGCCATGGTCAGACTGCACGAT  
CGCCAGACCGGTCAAGACCATCCTGCTGCAGGGCCGATCGAGGGCGACGCCCTGCT  
GTCGGCCATGGACATTTGTCGGCTGACGACCCGGCACACACCCACCGAAA  
TGCCTGCCGACGTTGTCGGCGACATGCCAGGTAGCCTGCGGTCTTGAGGCTACGG  
CGCAGCCGCTGCGCTGACCGCTACCCGTTGCCCTCGCATCCTGCCGCGAACGATC  
ACCGCAGCCGCGGTGGATGCATCCTGTTCCGTTATTCCCTATCCCCGGAGGGCT

TGCCCTCAGGGCGTGC GCCCT CCTATCTCACATCTGGAGGTCGTATGCCTTCG  
CCGTTAATAACTCCTCGCGTGGAGTCACTTCCTTCGCTGCGCAGCACGAGGACC  
GGATCATCCAGCAAGCCATCGCGCTGCTGGAACAGCGTGTTCAAAGCCGGCCCG  
CGTCTGACTGGCCAGCAGACGTTGGACTACCTGCGTCTGAAGCTGGTCGACGA  
GCCCAACGAAGTATT CGTCGTTGTTCATGGACAATCTGCACCAAGT GCTGGCCTG  
TGAACCGATGTTCAGAGGCACGATCAATT CGGCCACGTTCACGCGCTGTCATCGT  
GCAGCGTGCATTGGCGCTGAACGCTGCCGCCGTCATTCTTCGACCCAGCATCCCTC  
GGGGGCCACTGAACCGTCGAACGCTGATCGCACGCTAACCCACCAACTGGAAGCTG  
CGCTGGCGCTCATCGATGTTGGGTACTGGACCACATCATCATCGGCAAGGAACTC  
CATTTCCTCGCTGAGCGCGGCCGCTGCTGTAGCCCATCTTTCATGATCATTGCGG  
GGGCTTCGGCCCCGTTTTCTTGAGCGAGATAATCTGGTATGTGGGTGCCCG  
CGATGCGCTTGTGCGTGCATCGCATTGGCTGGCATTAGCCCGTGCCTGCGTGC  
AACTTCCGGGGCACGCGACATGCCAGCATCTTCTCAGGTTCGGCCAGGCTGCG  
AGCCCTGGATTAGCCGTGCTGCCTGCGTCTGGTGGCATTAGCCGGCCAC  
ACTGGCTACCGATGTGCTGGTCATCACCGACAGCCGTACCGTCAGGACCATGGG  
CGGCGAGCGGCTGATCGAGCTGGACGAAGCGCCGCGATCGAAGCTGAGCTTCTG  
CGGCACTGCCGCCGATCCGATCAGGAAACAGCCATGCCAGGCGCCGGTTGAAC  
CAAGGCCTGCGCACCTCAGCACCGCATCGCTCCGCATACCAAGGCGTCACCGA  
CGCATGGAGCTGGCATCACAGCATCCGGCGTCGTGGTGGACCGGGCGTATGT  
GGTCTATGGCGAGCCTGACGTGGCGTGCATCGCGGAATCGAACAGCATCGGA  
GGACACAGCCGTGATCCGCCTATTGACCCGTTGCGCCGCTGCGTGTGCGGTGGC  
CTCGCTGCTGGTCAGCGCCACAGCGAGCTACGCATTGAATACCGCAACCATCGT  
CGGTTCAAGTGGCATGCCAGAT

>CONTIG\_208\_length\_2139\_cov\_16.749006

CGGCACGTTGAAGTCCAGCCGCTGCGGCTTGGCCGGCGTGGTGTCTGCGGCC  
ATCAGCCCAGCAATTACGCCACCACGCACACCCGGATTACTCAGTGC GGCGCACC  
AGCTCCTGTGCTGTTAGCGCGGCCACTGCCAGCGCCGTGGATCTGCCAGCGGC  
GGTATGGCTTGGCTGCACTGGCTGCCATCGCGGAATGCCACGCCGGCGACTGCCG  
GCCGGCACCGATCGCAGCTGCCGGCACGATTGCCACGCCGGCGACTGCCG  
GCGTCAAAGACGGCGAGCCTGAGAGCAAGCCACCCGCCACTGCCGGGCATGCAC  
CGCGAGGATGCCATAACAGCCGCTGAAACTGCAGCTAGGTAAGTCACCAGCAATT  
CGGGAGCCGGTGGCACCGTGAAAGTAGCCATAACATTGCCGTAGACAGCCATGATG  
AAACTCAAGACCATAATTGACGCCCTGGCTATGACGGCTCGATTGCCCTTTCA  
GCAAGGAATGCCGTGGTTGCTTATCCCCCACGGGACCAGGATCAAGCCAAGCAC  
CGACACCAGATAGAACTCAATGACGGTGAGCATGCACGTGAGCGCCAACACGGCAA  
ATGCGCCGAGAATAAAAGCTCTGCGACGGTGACTGGACAACGACTGCGAGCATT  
GCGACCTTGTCCATCCAGCTGCCCGCTGCATGTCTTGAGTTATTGTCAATCGGCT  
TGATGACCTCCATAGCCCTGTCGAGGATCGCGCTAGGATCTTCACCAGGGTCGCGG  
TACCGCCGCCGGCTAAGGTACCGATCTGCCAAGCCACTGGCGACGCCGTTGGTC

AACGTGGGCCACGACGCCACAAGGAAAGCAAAGAATCCGATCCGCAACAGCTTACG  
AAGGAATGGCGCGGTGAAGTCTTCACCGCGCAATGACCAAAACAGTCAGCCAACG  
CAAACCTCATGGCGCTAACGTGCCAGAATTGCCGACCGCGGGCGTCAGAATT  
CCAAATCCGTTGGAAAAAACGTTGACAAAGTTCTGCAACAGCTGTGAGGAAGCC  
TGTCGTGGTCGGGTCATCGCTGCCGTCTATTGCTTAGATGCAGTCGCTGGCATGG  
TTCGCGCATCCGCCACCACTGTGAAACCGACTTCGCCGGCTCACAGTGGACGGTG  
CGGAAGCAGTCGGATCGCTTGGCTGATGGCGGATGGGTGCTCGCCTGGTCAGGGC  
ATGCACGTTGCCTGCGCCATACGCCGCGCTAACAGCGCAGCTGAATAGATG  
ATCTTCTTCACTTGATAAAAATCGACATCGCGGGGGCACGGTCGATTCTCGTAGG  
CACGATTGCGCTGCATCCCAGCAGCACCTCCATAGGCCAACAAAATCCAGCTTA  
AGCTTGATCAGGCCAGCCCCCTCCGTATGCGCTATCTATTGATCTGCACACT  
CTTGGTCAATGCAGCGGCTGCCGGCATTTCCGGAAACCTAACCTCGATAA  
TCGGAATTGGTCATGCCAGGAATGCTGCCTGTAGCCGAGACTCTATCGGAACCG  
AAGCGGTACGATGCCACCACACCCGGCGAGGGTGCAATAGCAACTAGCGCAGCT  
GAATAGATGATCTTCTTCACTTGATAAAACTCGACATTGGCGGGTGGACTGTTGATT  
TCTGGTAGGCACACTTCCATAGGCTCGATTAATCTCAATGTTGTCGCTGGTCAGA  
CGCCATCTGCCGGCCTGCTCCTCAAGCACGCCCTGGTCATGCCGCCGTTGTGC  
GTTGAGCTTCATATTCTTGGCCGACCAGCATGTTGATCTGATTGCCGGCCTGCGT  
GCAGCAAGGGCACCGTCGCCACTGCGAGGCCTGGCCATCGCTCGAACTGCTG  
GTTGGTGTATCCAGGGTGTCCAGGACGGCGGCCGCTGTAGAGGGCGCTCTAC  
GTTCTCGCGGCCCTGCGATTGCCACTGATCGACCATCGCGGAAAGCTGCTGAAAGGT  
CGCGTCATTGGTCATTGGGATAGCGCTGGCGAACATGTCGCGCTGTTGCAG  
CTTCGCCATGCTCCCGCAGCTGGTGTGCTTGCTTATAGG

>CONTIG\_209\_length\_2137\_cov\_239.403980

GCAGATCCGTACTGCGCATGGCAGCGAGGCAGCAACGAAAATGCCAACGGATTGAC  
GCGCCAGTACTTGCACGACACATCGATTCAGCACCATCACCAGTCGACCTGCG  
ATGGATCGAACAGCAACTCTACAATCGTCCCGCAAGATACTCGGATTCAAACGC  
CCCTCGAAGTCTCTCCGAGGAGGTCTAACAGCGTTGCAATCGGAGTTGAATCC  
GCCCGGTCAAGTTGGGGCCTACACGCTAGGACTGACGCCCTGGTTGCAGCTCTA  
ACCAGCTGAGGACGCCAATGGCGGAGACCGTGAGAAAGCGATCCAGCTATCAATG  
TTTCATTCGTCGAGACTCGAAATCCTCAATCAGCTCTACCGAGAGCTGACGAAC  
AGGAGGGTATAAAATCTCTATCAGGAACCAACAAGCAACTTTCCAAAAGCGC  
TGCGAATTCTTGGAGAAGAACAGCAATCTTGTGCTGCAGCAAGATTGAATGC  
AACATTGTATCGCGTATTGCCAAGGCCTTTCCGTTGCTAGTGCATGAGCACGG  
AAGAGAAATTCTGAAGAGCTTCCAAGTTGCTGCATGGCGTTGACCAAGAGCAGC  
TTGGCTGTTATCGCAGACCTATTACTACCGGTTCTGACAGATCTGCAGAGAGA  
CTGCCTGCGCATTACCCCTCGCATATTGATGCCGAGATCCCATTAGGCCAGCGCT  
ATTCCCTGACTTCATCGAGCAACAGGAGCCTGAGTTGGTAGCTGGTCAGTTCGTC  
TCAGGATTCTTGGATTGAAAGATCTACAAAGACATACTAGAGATTATTGCCAG

GCAGATCGTGTGATTGCCGGAATAAACAAATCTTATAACCGCGCAACTCAATT  
ATTAAAGCAATAAATGGCGGCACGCTTAGCAGCCTCAAAAGCTATCGGAAAAAAA  
CGTTATCCGATAAGTCAAATATCTCGATGACTGCTGGTACAAATTGTCGATTCTG  
ATCTAACCTGGGTTCGGAACGCAATTGCTACAACAAACATTGATTACAGTAGCG  
AGACACAGACCGTAACGTATTACCCAGAAGGTGGCCGGCTAACGTGGCGGAGGGG  
AAGAGCGTGAGCTCCTCGCTTATGAGGTCACTCCTGGCATTCGGGAGATG  
CATATTGCATACGTGATCAAGTCTTGTACTACTACAAAATCCTGATCTATGACC  
GCCCGCCCCAGCAGAGTGAGGCCTAACAAATTCAAGCCAACACGCTTCGCG  
GTCGGCTTAATTAGGCCTAGGCCTTGGAACAGACCAAATGCAGCCGATTGAC  
CTGCTCGCCCCTACATCGTGAGAACTTGCACTGACCTGCCTCTGGCGAGCGAC  
GCTGACTTTGCCGCATTGCATTGCAACTTGCAAGGATCTTCCTCATGGCACGTCG  
AGGATCTAGAAATTCTGGATTGGCGTTATTAGCGTTCTAACGAAAGCCAATTGGC  
CTAAGAAAGGGCTTTGCGCTTGCTGGAAAAGAACGCTAACAGTACAAACATGGCA  
CATTCAAGCGTCGACCCATTCTGGGATCGAGACCAAGATACTCAGCTGCTAGCTCC  
ATAGCCAGAACTCCAAGCACTATCACACACAGCTTCGGAAATCACAGCAGCGC  
GAGCGATAACCAACGACAACCTAACGATGCCATCATGTTCGTATGCATAGAAATTG  
GTCGGGCATCACGCAATCCGTTGCATCACTGCCAAACTCGGCCATAGGCCT  
AACAAATTCAAGCCGAAGCCACTTCGCGGCTCGACTTTACATCGATCGTAG  
GTGCTTGCTCAACCGTATCCTGCTGCGACCGCTGCTGATCCAAGGCTTGAGACTGGC  
GGACGCTTCCTGCAGTGGAGGCACGGCCTCAGACAGATCCACCTGGCCGGAAAG  
CCCGCGTCTGCCAAGAATAAAATGCTCCTGGTAGGGTCACGCTCTGCAGC  
TGATCGTCACGAAGGATGCCCGCGCTGGCTCGACGGTGGCGTGCATTGCAACC  
TCATCAGAGATGCCCTGGCAGCTGCTGTGAATCG

>CONTIG\_210\_length\_2134\_cov\_10.943697

CATCAGAGGCTGGCAAGATTGATACCTCGATTGATACCTCAAGGGCATCGCTG  
GAATCATCAATCGGCCGAATATCCAGCCAAGTCAGACACTTAGAGACTTGGCGGA  
AGCTCTGGAGCGGGTGGAGGGAACACTACGCCCTCAACCCATTGATATAAAAT  
AAATTATCCGAATGGTTACGGGTTAGACCGCATTATGTACCGCCGTTGTG  
TCGACAACCTGCTGCGTCCACTGAACGCCACTGAAGTCCATGAACAGCCATTG  
GCGTTTGATTTGATACCGGTAGGTCCCCCTACCGCACGTTGGAGGTTG  
GGTAGGTGCTGCTACTGCCGATCTACCGTCAACTCAGTGTGAACGGTTGAG  
TCAATGGCTAAAGCAGGCTCAAGGTGGCATAGTCGCTACAGAGGGCTA  
CCCTCAGACTGCTGCTTGATGCTTGAGATACCGGATCGCGCTAGGT  
CAGACAGCT  
TGCCAAGATCGCGATAAGACCTCATCCTTGTAGGCCAACCCAAATGCAGCA  
AAGCAGTGCAGACTACCTGCAGAGCTATTGAGCTCCGCTACGGCTAGATCG  
GCTCAACCAAACCGATAACGACAGTCACGGACAATATGACGGAATCAACATCAA  
CCACGCCCGAGGTGAGGGAGAGCGAACAGCACAGCGCGTTGTCCAGCAGTAC  
CGGTCAGGCGCAGCAGCGATCTATGATGCACTCGACAAAGACCAATTGA  
ACTGGGATCGCGTAGGCCGACCGTAGTGCAGGCATTGCCGATGACTGGT  
TAGGCATGCCAG

GAAAGGTAGTGGGGCACCAATTAAAGACTCCGCTCATGCCAAACCCCTCCAGATTG  
AAGCACTGCTTTGGGTGCAGAAGGCATGTTGCTTAAACTAGTAAAGGCTTGGACAA  
GCCTCCCGCAGTCACATCGGAAGCCATCACGGAAATTGTTCTGACCAATGATA  
TTCCGTGCAAGCAAATAACGACCATTGCTCAATGACAAGGACGATCACAGCG  
GCTTCCTCAGGAGTTGAGCTGTACCATGACCGGACCTTGGTTGAATGGAAATCA  
ACCGCTGGCAGCCCTCATCGACAGGCTGTGCAGCCTCTGGCCTCAGACACA  
GCCTTCGAGGCTTCCTACACTCCGTATACTTCTCACCGGCTCGGCCTTGACTTCA  
TCTTAAGCCACCGTCTCGACCTGAAATCCATAATTGGTCGAACAAATTGCTGAGA  
AGCTGCCCTTTGGTGCTGATAAGCGAACAAAGATCGATGGAGCCGCCCTGAAC  
TACTTGAGAACACTGGCTGGTCAGACAGGTTCAAGGTACACCGTACGCACCAATT  
CTATCGCGAACACGTTAGCGAAATCGTAATCCGAACAAAATTACTATCCAGCA  
TCGATCAGCACTCCCATTGGCTACCTGTCGCTCGTGGGCCACCTGGCACAGGGAAAT  
CGACACTTCTCAATCCACTTGAGTGCAAATCCAACATTACAGTTGGTGCAGACT  
TAGCTTATATGCCGGGTGAAGGCCAAGGTGTCGGCCAGCGGAGGCAGAACAGACTT  
CTCGATGATCTCTGCACTCAGTTGAGGCAAAGCGGCTGCCGGGCGCCGGCG  
CAGCAGCAACCTTCAGGAAAGACAGCAAGAGTCGAACACTTGCTTCATCAAGCCG  
GGACTAGATTCACTGATGGCATTGCACTCGTGTGACTCATCGTGCAGAGCTGCCTTGC  
AGGCATTGCCACGAGGTGTACATCCTCCTCGCACCCAGCGACTGGAAC  
GGACTCAAGCCTCAGGTTGATTACAAGCTGGACAGGCCATCGAACAGACTGTGAT  
CGCACCTCTATCTGAAGAGGCGATCTGATACGCCAGGGTTCTAGACATCTCAAG  
GCCATGGAAAATAGTCGATTGGAGGTGTATGAGCAGCAAGCGATATACGGATG  
AGTTCAAGATCGAGGCAGGTCCGGCAAGTGACTGATCG

>CONTIG\_211\_length\_2132\_cov\_10.309726

GTTCTCGATGGCCATGCTGCGGTACAGCGATGGTGTGAAATTACAGCAAA  
AGTGGCCCGGCCACTGGCTGCCGACTCATCACGCTGGCAATGCGGAAGGAC  
TGTCTAGCCAAGCCCTACAACAGGGCGGTATCGGACTGGTCAATGACCTTGTGATCA  
TAAGCGTCCAACGTTGGCGGCTGCAATTGGCAGGGTAATATGGAACGTTATGG  
CCTACTCCGATTGATCGCGGTGGCGAGCGAGTCCGGGCCACAGGGCAACCT  
GCTGGTTATTCTCAGCAGAACACAAGAACGGTGTCAACTCTTCTAATGAGGTA  
AATAGAACGAAAGCAACCGAACCTAGCGCAATGCCAGATCAAAGCACGGCGT  
CTCAGCCTCGGGGCTCGCGCTGGCGGCTCCAGAGACACTAACATATCATTAAAG  
AAATGCAGGTTTTATGAAATTAAATACCTAGGATTCTGCCCTATT  
TCTATGAATGCTTGGCTGAGCAGGGTTGTCCGCCAGGCCAATATCCGATAGGTGGC  
CAAGGTGTAGCCGATCGCCTCCGATTCCCCAAGGAAACTCTGAACAGACAGCACC  
TGCACCTCGTCCGCTAGGAAAATGGATCAATACTTGGGGGGCGGTGCAATAGGAT  
CCATTGAGCTTGAGCAAACCTCGCGCTAACACCGGCAAGCTATCAAATCCGAG  
GCGGAAAGTGTAGCGCTAGCTCGCTGCGCAAGGAGTGGCGCAAAAAACTGCCAGAT  
AGGCTTAGCATATTAAATCAATGCATTGCAGTAGGGAGCCGCAGATTGATGGAA

AGCCAAATATAACAGGTAAGGTTCAATTGGAAATGCCTCACGTGAAAAGGCTG  
CCGCCGCGCACAGAGAGCTGCGAAGCCAGAAATCCGAAAATCAGTCAAAGTA  
ATTTACAACGCATGCACTGATCAAATATTCAAATATTGATTGTCGAAATCGCAT  
GCTTGATTGCTGAAAAATAGCTGAACACCTGCGTTGCACAAAAAGCGGCTTCAA  
TTGATGAGAATGTCATGGACAAACGTGGATTGTTGCTGCTCCTAGCGTATGCCG  
TCCCTCTACATTCTCCGGTCCAGACTCTGGTTACTATGGGTTGATACCCATTACA  
ACAACGATCCGTTACTTCTGCAAGCTCGTCCCCACCTACTGTTGGTTGCCAGTA  
GCCCTGCGACGGGGCTTACGTAGTGACCTCACAAAATTGTTCAACCCAGTCTCGG  
CCCAGAGGTTGCACTCATCTGCCATTGCTTACCGCCATGGCATGCCAGAGCC  
CGTCAGTCGGCAACTCGCAGTCGTTGAATCCAAGCCGAAAGCCGAGGAACAATG  
TGATGAATAAGGTGCTGCCCTCTTAGACGTAAGTTGGTACCTGTCAGTTAGAGGGT  
TCGTCATATGCTGACGGTTCTTATTGACGACCTGCTACCAGCTAGTCTAGTTGT  
CCTAGGCTATCGTACGTCAATTGCGCTTGTAAATCGCTAAATATGTAGCCATC  
ATCGGTGCTGTTGCATTGCGTGGTTCGATGCTGGTGGGGCTTATAGCGCACG  
CACTTACTGTCTGGAAGAACGCTGCGAGTAGAAGAAAAAAACCTACGAATTAAGAC  
AGCTGCGTCAGGGCATCGTCAGTGCAGGCCGGGTGACGGCGTTGATGTTCTTGG  
CAGTGGGAGCAGCGTGCCTCCCGCAGTGATGAAGATAATCAGGGAAATCCCAGAG  
TTCGGGATGGTATTGCTCTTATGATCATTGCGCTGCTGATACATGGCATCACATCA  
ACCGTGCCTGCGACTTACCGACTCAGTGACGGCCCAAAGCATGCTGCCATC  
GCACGATGGCGGCATGAACGGATATCTGAGAGTCAGATTGTCGGCGGGTTTCC  
ATTTTCCGGCAGGATGCAATCCATGAATGCTGCCTCTGAAAGACATGACAGCGG  
TGAGACCATGGCTGACGGCGACCCGATCTACCAGAAAAACCCGCATCCGACGCAAG  
CGTATCGGATCACAATGACAATCGAGGATG

>CONTIG\_212\_length\_2128\_cov\_6.243878

AGCAACTTCAGACAAGGATAGGACGCATGCGGAAATACGAACCTGTATCGCAGGAA  
GACGAATGGGTTGTGCGGCTGCCTGCGTGGCATCGATCTGGACATCCATACCAG  
CGGGCAAAGCGCTTACTGGAGAAGGAAAAGTCGGGCGGAATAGACGACCACCCAG  
AAGGCTTGAGATAGACGAGATAGCCAATGCTCTTACAAGAAAGACGTAAGGTC  
GTTGCAGACTGGAACCCTCCCGGAAGCTGCCAGTGGCACCATCGTGTATCCAT  
AGCCGGGTAGATATAAGAGCTACTACCTGCTCAAGGTTCCAGGCAGGCTACATG  
GACCCTGGTTGACTTGAAAGATGGAGTCATGGAAGTGCAACTGCGCGGAACT  
ACCCAAAGGGACCAAGCTGTAGTGGCCCTATTCCGAGCAAGAAATAAGGCTCTT  
AAGAGGAGCCGTGGCTGGATGTGAACCTTGAGGGCGCAGCACGGGACTGCC  
GCTGCGTCTGCTTAGGGACAGGTATGAGGGACGGCTATGCCACCCCTTGC  
TGCTAGGCTGACGTGCTGCCGCCACCGATGACTAGGTGGTCGAGGACCCGGATGT  
CCAGGAGCCCCAAGGCCTGCTTCAGACGCTCGGTGACTTGCAGGCTTC  
GCTCCGGATTGCTGCTGGTGATTGTGGAAGAGGACGACGGCTACGGCATTATCGT  
ATTCCAGCGCGAAGTGGCCGGGCCAGAACCTCCCAGACGATGTGGCTGAGCGTA  
TCGTGCGGCCTCCAAAAGCGAGCAGCACATCACCTGAGGCCTCACACCGTTGAC

GGGCATATCGGGCCGTTCGGCCGAATGAGCTAGGTTGGCCGGGTGTCCATTGTCGT  
TAAACACCCGAGCGCACGTAGCCCAGGCAGTTCGTCAGTAGCTCACTGAACTCACCA  
GTTGTGCCAAGCTCCAACAACGTCAGTCCCCAAGTCGATGGGAAGACTCCGTCTCCAT  
CCAGCCCCCTGCCAGTCGGCTCGAACGAAAAAGCCCAGCTTCGCTGGCTTTCT  
AGGCCTTGGAAAGCGCTAGGTGTTGCAAGGCCTCGAGGGCTATGGCGTATTATACC  
CATGCTCGCATCTCGGTCAAGACCCCAGTCTCATCGCCTTGAGCGGCTGCCGAGG  
GGCGGGCGGCCAGCAAGCTGGACGCACTTAGAATTGATGGCTGCCGCTGAA  
TCGCCGCAACGACGTCCCTAGGCAGCAGAGTCTTGACCGGCGCTCCTAGATTCTTA  
CTTGGAAAAGCCGCTTTGCTGACATGCGAAATGCAATTGGTGAACGCCACCGTT  
CCTTGCCCTCCAACTTGGAGTTGAGGAAATCAGATGACTCGAACATGCACGTGAA  
TGCCCCGATTAGGGCGTCAATGTTCCGGTTGAGGAAAGAGGAATTACTAGGCAGC  
AACCGTTGGCAACTTACCGTTAAAACGACCGCTAGTCGATGTTGATGATTTCAT  
TCGGCAGTCCGCCATCAAACATTGGCGTGAAGCGGGATCGCGAACCGCCAAAA  
TCGCATTCTAAAATTCCCCACTTGGGGCTGTATGTAAGCGCCAATGCTTTACCC  
CAAAGCGGTGAATTGTGCCAGAGATGCGTGCAGTGCAGGGAACGCCTGCCGCA  
ACAAGCGTCGCTTGCACGTAACGAGGCTCACGAGAGCCGGCTCCTTGCTGACCGT  
CGCAACCGTAGCCCAGCCAATGATGTATGCCAGCACGGGGAGTGCAGCTCC  
GCCCATCGCTTGCCTCAGGCCGTGGTGCAGCGTGAAGCTCCAACGCGCC  
ACGCCTGCTCGGCATGTAATGTTGATGGTCTGCCAGCGATGACGCTCATCGC  
CCAGCTATACGTATTAAATCAGCGTATGCCGATATCTCTCACAATCGTCTCGATCA  
AGCCTAATGCGACAACGATGCCATGCCCTCCCACACAACCCCGCACGTGAAA  
CGCCTCATTCTGCTCCTGGAAGTGCATCTGCATTGGCGGTCTAGCTCGGCAGGC  
TGCAGGTGAAGGGTGGCTATGCCACC

>CONTIG\_213\_length\_2126\_cov\_16.274137

GCGAGCCACCGCGTGTGTTGCCCTCGCTCGACACCCGCCACCCAGCTGCTGGCGCTCG  
GGGTGACGGTGTGAGGTGTTGCCGCCAACTACGTGCGCGCCAAAGGTCTAC  
CGACGCCGCCCTGCCCGTTGAAGGAGTTGCCAAAGATCCAGCGAGGCCAA  
ACCCGCCAAGCCGGCTAAGAAGCCGGCCGGCGCGCGGTGCCACCGCCGCCA  
AGATCCTGCCAGCGATGGCGCAGCTGAAATTGCCGCCCTGCCGCACCCGC  
AAGACCGCCCGACCGCTGGTGCCGGCATGAGCGGACCGTCCGGTGGAAAGGC  
ATGACATGGATCTGGAGGCCCTGCGTGAGGACGTCAGGGCGGCTTGGCCCCGA  
CCAGCGCGACTTGTAGCGCAGAGCATCCAGTCCGTGAGTGACCGCGCAGGTTCA  
GTGCCTATCACTACCGGGAGGCCATCGGATCATTGCCCAAAGTGGACGGCCGG  
CCTGGCGATGAACTGTTGCCGATCATGATGGAGTCGATGACAACGACACAGGCTC  
ATTGAAGATGCCAGGTTATTGCTTACGCCAACATTGTTGCCATGCATAGCAT  
GCGATCGGTGGCGATAACTTGGTCACCTAGTCTATTGCCACCGGAATGAATCG  
CGATGCCGACCTGCATCAAGAAAGAGCAGTACATTACGTGGAGACTGTCCGTA  
AAAATCTGATCCCAGCTGCCGTTAAAGCGGAGTGGATGCGTACATGAGCATGCC  
GATTCAAGTACCTCCGTGCGCTCGACAACCATTGCAAACACCGCAGCATCGTCA

ATTGGCTATGCGATCAGCTTCACTGAAGAAACGCACGGCCTGCGCATCAAAGCCTTC  
ACCCATGATGGGATCGATCACGCTCCCCAGTGGGTAGGCCGTTCTAAAATCCGAA  
TATCAACGTCAGGAAGCGGTGATCTTGCAGCGGGAAATCATCTAACGGCTACGT  
GGCGCAATGCCGAAGGACTCCCAGCGCATCCACGGCTAACGACTAAAATCCCC  
GCAGCCGTAAATGCTGATCTTGCATCGAGGTGTCAGCGCTGACCGATCCAGCGCT  
AGCAGCGAAGGATGCGGCATACCGAGCTGTTGAACAGCTCGCAGCCTGTTAA  
GGGACCCTGCGTAGCATCACTAGCTTGGCAGTGGTAATCGTCTCGGAAAAACCACC  
ACCCTTGAAGCGCGGGACTGCCAGGCTCTAAGTGGTGAAGATTACCACTGCC  
CCCCTGACTTACATGTCCGTCCGCCGTATAACCTTGAAATCTGCCCGATATACAC  
GGCGTTCTGCGTGTGTTGGTGAACTCGCCGACGACAGAGTTGTGCTGCCAACCTT  
ATAGGTGATGTCGATGTCGCGAGCATGGCTGCCCTCGTAATGCGCTTGCCTGCG  
TTGCGCTGTCATGCTATAAGGTCGGCAAACGCAAGTAGCCCGAACATGGAAATGG  
CTTTCATGGTTCTCTCAATTAGGTGGTCCGGCATCGAGTCTCAACTTCTCAATCG  
GGCCGGGCAACGGCTGCCGTACTGGCCGGCCCGCACTATCACTGCATCCCAGTATC  
GGCCTAGTTCAGCGACATCGAGGTCGTCGCGTGGTGTGGCGACATACGCC  
TACAGAACTCGCAAAAACGTCACTGCCAGGCAACCCGGCAGCAGGCAAATTGC  
CAGAATCCGCGCGGCATGAACACCCCCAGACTTGCACGACCAGCACGATGCC  
TTGATCCATCGTCCCGCACGGGCTGCCGCACG  
ATAGCCACGGATCGAGTCGAGGTGTTGCGATTGCCATGCACCACATTACCATG  
CCGATGTCGAGAACATGCGAAAACGAGGCAGGTGCGTGTGCTGATCCAATCCAG  
GGGGGGCGCGGCCGACGCCACGGCTGGGTGCTACGCACCGATGCC  
TGCGCGTCATGCCAGTCGGCCCTAACCTCGCCCCGGCGCCTGCAGAA  
GCAAAACCGCGCCCCGTCCAGCACGCC  
TTTCCGAC

>CONTIG\_214\_length\_2119\_cov\_7.008534

CTCTTCCTGGGCCGTTGGCTTCATCGTCGGCCGTTGATGGCTCGGAGGGGACTG  
CGGAAGGCAGCGGCTCTACCCGAGGAGGCCTACGCGGCTGGCGCGACCA  
AGGGTTACCGCTGCACAGTGGTGGGTATGACCCATTAAACGGTCATGGGGCTT  
CTGGGTCACTCGATGCTCAGCGGACTCCCCATGGTGCCTGCTGTGGCTTCA  
ACTGACGCGCTAGACCCAAAGCACTCACTGGGAAGCGAAGGGTGCCTACGACGGC  
GCCCAAAGCGCTGCAGCAAAGCCTATCGACGAAGCC  
TTGGCGTGGACGCTTACTTATGGAGTCAGGGAGCGTGATAACACTCGCTTACTTT  
CCTTGCCACCGCTATCTGGCTGAAAGCGCTTCCAAAAAATAACATCATTAGAAAG  
ACATTGGCTGGGGCTTCCCCGAACAGAACGCC  
CTTAAAGCAGCTTAAAAGCAGCTCCGCC  
AAACTGACTTGAGCTAACGCATGTAATCTGTCAAATATTCTATTATGTCGTAATCA  
GCAGCATGCCGCTCTTGAAGAGTGACAAAATGACGCGCACGTCAGCCAGTTC  
AGGCAGGACTGCTGTTGATATCAACGCTGAATATGCC  
CTGCCTAAGTTAGGCTGAGA

AATACCCTGGCCGCATTTCATGTCGCCATGAGTGAGTGCCCTTGGATATGTCGT  
CCTATCCCCGCGGGCTGGCGGGGCTTACAAGGCTTGCGGCCTCTGACGACAAAAG  
ATGAAATAGGGCGTAGTAGGCAGTTGAAATCGCTCGCCTAAGGCTAGCCTGTTGCG  
GCCTCTCTTCTTCGCGCAAATGCCTGCTGACGCAGGAGGTCTGAGGGAG  
GCCATTAAACGCTTTACCCATCCACTGACTAACTCGACATAAGGCCAGCGGGAA  
ACGCCCTGGCTAGCGAACCTCTGCACCTCGTAGCGAAGCTCCTCAACTCCTTA  
AATCTCTTGAACTAGAACGCTACGGACTTTCGTTCACCTCAGTTGACAAACAAAC  
GAAGAATCCCCGCTCGAGTCATCTCCAACCTGATGTCGAAGACAAACACAGTATT  
GGGATCCTCATTGCCTTATAAGGCTATCGAGGACTTGCCTGCGGATTGGAG  
TGGATAATAAGGTCGGCCATGAAGAACAAATTACCAACAGATTGATAAAATCTGCAAC  
AGCAGTGACGTGTGAGACCTTGATGTGATAGCCGAACCCATACAAAGACCAATG  
CCGCTAGAACGGCAGAGCGCCTCCGTGATTGATTTGCAGCAATCCAGAACGCTAGA  
TTAGTAGCGCCTCTCGCCGGCGTCCCTCTTACCGTTTGCAGCTGACCTGAAT  
GTAAGCAAAGTGCCGACCGGGGACCGAACCTAGCAAGCGTCTCCGCTTATCGG  
ACAAGCTAGTGCATCGATGAGAACGTTCTACAAGACCGTCTGCCAGTCCCCTCCC  
AGTGAGGGGTTCTCGCGGAAGCCGACACTCCGCTTCGCCAGGCCGGCAACCCA  
GCCCGTTGAGTTGGTAGGCCTGGAAACAGCCGCTTACCTGAGATTCTCCAAGT  
AGGAAGGAGCTGGCCTCGATGACCGCTAGACGCTACTCCTCTGGTGGCTAA  
GGCAACTGATTGAAAGGCTCGGGATAACCCCTGTTACGGCATGAGTGGTGATT  
GATCTGGAGTCCGTCCTCAACCAATGATGCGGATTAATGATGCGGATTCCG  
GTATCACCACCTCCGCCCTCCGCCAACGGGAGCCGATCACTGAGGCTA  
GCAACGGGCATGAACAACCCGCTACAATGGCAGACCACAAAGCAGGACACCCTCCT  
GGTTGCGTGGCTGTAGGA

>CONTIG\_215\_length\_2115\_cov\_18.964789

GATCATCTTGGCGGGCGATGGTGAECTCGCTTGCAAGGGCAAAGCCATATCGCTCAA  
TCAGGCGATGTGCGATATCCAGGGTCAGGTCCCAGCGCTTGGTCATCAAGCTCGT  
GCCGCAGCGCGATGGCGAACGTCTCGGCACACGGTGTGTCAGCGTCGCTCTGCT  
GCTTCAGCAGGCCAAAGTGCCTGCAGGTATCGGCCATGCAGGCGAACCAAG  
TGGGCCATGCAACCGATTGGATGATGCCCTACCCGGTAGTCGTGGCGAGC  
GTCCGACTTGGGATCGGTGAGCAAGTAGCCGCCGATAGGCCAGCTGCGATCG  
CAGAATTCCCCTTGATCGGCTATAAGTTGATGCCGGTGTGGTAGATGCCATGC  
GTTCTCCTGATGTTGGAGAAACACTTCTCTAGATTGAGAACGCAAGGCCTT  
GGGATCACTATTTGCTGCTTGCCTAAGTGGACTAGCGAGCAGTC  
GATCGACCTCAAAGATCGTCTCAAGCTAACGAAAGGCCGAGACGGATGGAGAGC  
TCAGCGCTCCATGTAGCAAAGCGCTAACCGGCCACGGGATGGTCACTACGGGG  
CTGTCATCCATGCCAACCGCGATCTGTCGCCGTCCCCCATTGGCTGGCATTG  
ACCAACCACCACCGGCCATGTGGCGTAAGTGATAGTGATGCCGATCCACCGAC  
CATGTGCTGGAGCGCTACCTCTTCACTGATGCGAACCATCCGAACGGCTCAGCCA  
GAGTCAGACATCGAGTCATGCCCTCTCCTACCTGAAGAGCGAACCTGCGCGCTCGC

CTTGAAGCATCAAGAAAGCGAGAACAGGCTGCCCTTCCTGCTGATTGTTGACCA  
ACATTGCCAACTCTCGAACAGAAAGATGCTGCCAGGTGATAGGTATTGGGA  
AGCCGATCTGAAAAGCTGTGCGGGAAATGCTCATCGATTCTCCGGTTGACGTCA  
TGTTGGCGTCAGTTGATCCAGCGCGCGAACAGAGCACGACCAGGTCTACGAT  
GCGCTCGCGTCCATGGACAGCGCCTGCCTGACTTGATGTGGTGGCAAAGAGAAGCA  
TGGGCTTGGTGCTCACCTGTCGCCAAGGCACCTGCATGCTGTCGGCTGGCGT  
CGTGCAGCGAGTCCTCCAAGCGCCGGCGTCGCTGCCGATTAATCGCACTGCCG  
GCACACAGTGGTAAGCCGTCGGTAGGGTCAATCTGACCCAGAACGCAAGCGGCA  
TAGGCATCGCCGCTCAAGCTTCTGCGACGCTTCTCCAAGAACACCAGATAGC  
CCCATGTCGCGCTCGGGAGGTGGCACGGCAAGCTCAGGAGCACATCCCCATTGG  
CCAGAGCCGGATCGACGCACCTCGCTGCGTGGACCTTCTGGCCAAGAGCAACG  
CGTCTCCCTCTAACGCGACTGCATCCCCAAGCCACGATAAAAATGGAGGGTTTC  
CGAAGAGCGATGCTGTGCATGGCCTCAGAACAGAGCTGGCTCCACCTCGCG  
GGCGAAGCACTGTTGTACGGTCCAGCTGCAACAGCAAGCTGCAAGACCGTGCC  
ACTTGCTGATGCCGCGCTCGATCCGTGGAGAGCGCCAGTGCACGATCGCGCA  
ATCCTGTGGAATCGAGGGCGCCACGGCCTGCGTCAGCTGGAACCGATGGATGGCG  
CGAGTTGCCTTTGCCCAAGTCATCCGCGAGAACAAAGCCATCCCAGAGCTGACCA  
CCTTGCCACTGCAATCTCTTAATCAGTCGGCTGATCCGGTCCACCGCTCCACGC  
CGGACTGCAAGAACATCAGAACAGTGGCTGCGGCTCCGGCCTCATGCACCTTCGT  
GCGTGTGAAACGCCCTGCCTGCTGGTCCAGCGCGGTCCAAGAACGAGGA  
TGACAAGATCCGCATCGCGACGCCACTCAGACATGCGACTTGGGAGAGCTGGCT  
CGGGCGCCGAAATCCTCCGCATGATGGCTGATGACCGAGAACGCTCGATGGCCTG  
CTGACTGCCGACGCTCGGCT

>CONTIG\_216\_length\_2084\_cov\_23.460399

GCATGGCGAGGAACGGAGGCGCGCGCGCGCTTGCCGTCGACCTCATGTCGCTG  
GCGCCTGGCAGCCACGACCCGGACGTGTGGCACGACGTCAACCGCATGCTGACGCT  
CAACGGCGAGCAGACGCGCGCGCGCTGGAAAACCACATCTGCCGCTGCAGTCG  
ACATCGTCGACCGACTGATCCAGCGCTTCAGCAATGCCGGAGCTGGTTCGATC  
CGTTGGAGGGCTGTTACCGTGCCTGCGTAAACTGGGCCGCCAGGGC  
CGCGCCGCCGAGCTATCCACCTTTACTCATGGACGGGTGAAGTACCTGCAGGCC  
GCCGAGCGCGAGATGTCCATGCCGATCTTCACGACGATGGAACCGCAGCCGCA  
GGACAGGGCCGCATGAAGCCCTGCTCTCCCGCGAGCCGCCGGATGAAACA  
GCCGGCCAAGGATCTGCTCCGGCAGCAGCTGCCATGCCGCCGACCACATCGAGC  
GGGTCACTGCCGAGAACACACGCACTGCGGCCATCTGCCAGAACCCATCACCACA  
TGCCAGGGCCAGGCCAGCAGCTTCGCGCCGCTGGCGAAACAGGAGAAAGCAG  
CATGAACGAACATTCTGGAAATGCCGGACAGTTGCCGCCGATGCCGGAGCGGTG  
GGGATGTGCTGTTGCTGATTAGCCAATGGCGCGCTAACGCAGATGAAAATGAA  
CTTCATGCACTGAAGCCGATTCAATGGCATAACGCCAGGCAACCTGCACCCACGAT  
CTGCGCATGAAGCTGCTTAGGCAGCACGCCGACCAGCTGGAAGCCGCCCTCGCCG

>CONTIG 217 length 2067 cov 16.769588

GTTTAATTGGCAGGCCATCCAGTCAACCTTGGTTGAAAGCACAGTCAGTAGAGCGC  
TCAACAGCAGATCGCGTCGCCGCCGCTGCGGACGACGACAGCGTTAGAACGCTCA  
ATAGAGGGGCTGCGCCCCCTCCCACCGCCACTGCGACAAGAAGTCGGGAAACCAAC  
CAGCTCGGGCGCAGTGGCGCGGTTCCCTCCGCAAACAACAAGAGCGGTGGCA  
GGGAGTCATTAGCCGGACTTCGAGACAGGGCATGACCCCTGGAAGAGCTGCCGGTTT  
CGGGTGGTCTACGTTAAGAGCGGTACCGTGCCTACGCGCACACAGAGCCGGCA  
GCGATTCACTGACCCGCAAATGACCCCGCTGCGGAGACCACGTAGGGGTTCAAG  
CCGACACATACGTGTAGGGTGGGTATAGACGGATGCCGCCGGATTCAAGCTAGGGCAG  
GCCTAAGCTCATCGTGAGCTTGGACGGATTCAACTTTAGAGGCCAGGTGCCGTT  
ATCGCTTGCCTTCCTGAACGGCAGAGGGTATGCTCTTGAATAGACAAGCACAAGA  
AGGCCGCTGCCCTGCCAGCGAGTAGCCTTGAAGTCTGTTAGCTGGATGGTCCAG  
CGAACCGTTGAAGCGTAGAGCGTTCCGGTGTCTATGCAGTCTTACATAGCAGCAAG  
ATTGAGCCTAGCGGTGGTGTCTGAATAACCATGCCGCCACTATAGCCCAATTG  
CGTTACGTAGTTGTTAGCGGTGATAACTAATTGATTAACGAAAAAAAGTTGCTG  
TGGACAGCGCTCCCCGCCCTGACCGGGAAAGGAGCAGTTATGAATTGCGTCACTTGT

GCTTGGCAAAGCCTGTACATGTCAGCCGACTGGCGCATCGCTTGGCGGTGG  
GAATCGGTACGGATGCATTGCAGGTCTTACCTAACCGTAAGCGATAACAGCGG  
CGTCGGCAACCGGCCGTTTTGGCTTGACCTGACTAGGTGCACCCCTCGC  
CGCGCGTCAGCGCCGACCGTCCCCAGCTAACACCTGCGCAATGCCTAGGCGCG  
TGCAGCCGTGCGGTGACGCCTCACAGAGTCCGCCGGCTCGATCACACCACCTGCC  
GACGAACGGCATGCAATCAACTGCAAAACCCGCTGCATGGTAAGAAGAATAATAT  
TACTATTATTCTTACCAACTAGGCCGCAGGAGCCGCACATGGACCCGTCCAAGACG  
CACGTATCGCATCCTCAAAGCTGCTGATGCGCTGTATGACCAAGCCGGCGTGAG  
GTCTCCGACCGTCGATGCCGTGCGCAAAGCGCCAAGGTCAACATGAACGAAGC  
AAACACCGTCATGAAAGAGTGGCGGCCGACGCAAGCGCGTCCGGCTCGGTTGCCG  
TCCAGGTGCCGAGCCTGTGCAGCAGGCCGCTGGCTGGCGTGGTGGCGATTGG  
CAAGCCGCCAAGAGGCCAACGACGCGCTCGTGCAGCCCAGGCAGGGTGG  
AAGCCGAGCGGCAGGAAGCGGAGGCAGTGAGCCAGCAGATGCCGACGCCCTACGA  
AGCCCAGGCCTGAGTTGAAGCGGCCAACGACGTATTGCCGAGCTGGATACGG  
CCATGCAGCAGGCTGCCCGCCAGCCACACGCCGCTTGACCAAGGTGC  
GCACCGAGCTGGGACCTGCAGCAGCGCAAGCACCGCAGAGGCCGCGCCAGC  
GAGTTGCGACCGAGCTGGACCGGGCGCACCTGATTGCAGCCAGCAGCGAACGC  
TGCCGCCAGGCCACCTGCCCGCTGCCAAAGACCGCCAAGCCAAGCCGCGCG  
CGCGGCCAGCTAGCATGCTAGCGTGCAGCTAACATGCGTGCAGCTAAAG  
CAGCTTGCATGCGTGCATGCATGTTGCTAAGGTATTGCACACTGCCCTCAAGCAAG  
CGACTTCCACCAGGAGCGCAGTGCATGAAAACCATGCCA

>CONTIG\_218\_length\_2066\_cov\_20.154203

ATCGCACTGAGCAAGCGCCTCTCGGGAGCTTGCTCAACTGTCATGTAGTGGC  
GACTTGGACAGTCGCATTGATCTCGATGGTGTATTCATCTTGCTCTCCGCGCTTGAC  
GACTTGCCAAGCCTCGGAACGCAATCTATGCATCGCAGGCCGCTACAGGACG  
AAATGCCACGATCGCTAACATCCATTCATCAGTCGCCAACATACTGGCGACTAG  
ATGCACCAGGCAGTCAATGCTTTAGGCCCCCTGCGCCTCGAATAGGCTTGGTGT  
CTTCGTCCAGCTTGGCGATCCAGGCCACGCCATCTGGATGCATGGACCGTCATCA  
GATAAGAGCGGTAGGCATTCGCCAATGCCCTTCGCCATTGACTGCCAAGGAA  
GCGCCAAGGCTGATCGATGGTCAGGGTAAGATCGTGCCTGCTGGAAAGCTT  
CTTCGATCACACTCATGTCAGCCCCGTGATGCCGCATGCGAGATCACACTTTGA  
TCTTGCCAGCCGACGCGGGATCACGATAAAGGGATGCCCTCCGCGTTGACCG  
AAGTTACCGAGATCGGCTTTGGATCTGCTCTGGCTTGGTACTGGGCATAC  
CACGTCAAGAGTCCACCTTAGCAATCGAGCGCGCGTGCCTGCTGATCAGAAAC  
GGATTGCCGTGCTCACGCTGAACGGTCGAATTGGCGTCTGGGATGCCGAGGTAG  
AACTCCGCCATGGCTGGTAAAGCGCGTGTGCCGGGGATTGATCAAGTATCTG  
CGTAGACTGAGGAAGTCTCTGCATCGATGATGGCATTGCGCTCATCGCCCTGGCG  
ATGACTTCAAGTGCACGGAGAAATCCTCTCGAAGCTTCCGCTTGCCGACA

TTCGTACAGCCCCCTCACTGTTCAGGCCTACTGCGAGAACCTGCATCGTAGC  
TTGCCACTCATCAGCCTGACAGCCTGTGGCGATGGCGCTGCTCGAAAATCCTAAC  
GTATTCGTGGAGGAAGCACAGCGAAAAAGCCATCCGCCGTCGTAGCGACCCAGTGC  
ACGGCGTCTTGCTACCTGCGGTGATTGCGAGTTGCATGTGAGCCATCACGACCAAC  
GCGTTGCTTGTGACCACAAGTTCAACAAGTCAAGCAGGGAAAGCCCCTCGCAAC  
CGATGAAGCGCGTGTGACCAGCGTGGACAAACGAGTTGAGTGCCGCCAAGAGTA  
TTTCTGAACCTCCAAAAAAACCCGAGTGGCTGGCTGCCTGCGTCACCGCTTCAAG  
AGCGATCATCATCTGGATAGCATTGGCAAACGAGCCGCTAGTGATTCACTGTCGG  
TGTAGCTCTTGTAAAGCAGGCCACCTCGGTATCGCTGCGCAGTAAAGGACCCA  
CACGGCGCGACCAGCGCTCGAACACTGCGCTCGATGAACGACCAAGGTGGACGGCT  
CAGAACCGACTACGAGTAGGCAGCGACTCGAACAGCGTGCTCAATCGAAAGCAGG  
CATAGCGCGCAGCAAACCTGCAGTCGATCACTTGATCAAACGGCGGAGCCGCTGT  
AATGGGCGCCAACGCTTCCAATAGCTCATCAGAACCTCAAAGAGCTTCTGAACCCG  
CTCAGACATCATGCTCCCCAACGATTGGATCAGTTGGATCGCATCTGGCGCATCA  
ACAATCCCCTCCTCGATGTTGCGATGCCGTAAAAATTTCAGCTGTCTCTCTT  
TCCCTGGATCTGCCGTAATGGCGTCAGCGCGAAAGAGCGTGATGACCGAACTCA  
AGCGTAGCGCCATATCTTGCAAGATCAGGCGACTGGTGGCCCTATGCCAACAGC  
CGATGAGAGAGAGGGAGGGCTACGCCAACCGACTTGCTGCAAGGCTGGTGTGCTGA  
CGCCCGCCGATCACAGGTGGTCCAGCACCCGGATGTCGAGGAGGCCAGAGCCTG  
CTGCAGGCGCTGGTGACCTGCGGCTCGCTGGCTCCGGATTGCCGCTTGG  
GTGATTGTGGAAAAGGATGA

>CONTIG\_219\_length\_2062\_cov\_118.726615

CCTACACCAATCCTGGCGATGTCGTATGGACAATTGCATGGGCAGCGGAACGACC  
GGCGTAGCTGCGATGAACACGGCGCGGGATTCATGGGATCGAGCGCGACGCCAA  
GTACTTGGAGATTGCCCGCAGCGTATCCACACGGCGCTGAAAGATTGGCTGATGAC  
TGCATAACGTGACATCATCCCGACCCGACCGAGCTGACGCTGACAAAGACCGAG  
GACGGCATGACCTGGCTAACCGAGCTGCGCTTATTGAGACGGTCAAATGGAGAC  
GTTTCGTTATGACCCCGAGTATTGACAACGTGTAAGCTGCTAGTCTGGCCAC  
TCGCACAGAGAAACCGACATGATCCGAGAACTAGAACCTGCTGGTGGCGACTG  
CATTCAAGATGCTCGCCTGCTAAAGACCAATCCGTAATTGCTGCGTAACCAGCCC  
GCCATATTGGCCTACGGGACTATGGTCATGACGGGAGATTGGTTGGAGGAAAC  
ACCAGGCCAGTCGCGCCAAGCTAGCAGAGGTATTGCGAGAGGTACCGAGTCC  
TGCACGACCGTACGCTATGGCTAACCTAGGGGACAGCTGGTCAACAGGCTCT  
AAAGTGGGGCGGATCGACGGCGGAAAGGCCGGAAGGCCTCCATGGCTTGACAG  
GCGCGGCCGACGAAACAATCGCACGGTATCCCCGACAAGCAGTTGCTAGGCATC  
CCCTGGCGCGTTGCCCTCGCGTTGCAGGATGCCGGCTGGTATTACGGCAGGACATC  
ATTGGGCCAAGCCAATCCGATGCCGGAGAGCGTCACCGATCGGTGCACAAAGGC  
GCATGAATACCTGTTCTGCTGAGCAAGTCGCCCGCTACTACTCGACAGTACAGC  
GATAAAAGAGCCTGCAATTGGCGGGCAGACTGGTAGCGCAGCGAGCTTAAGCGCG

AAGGCTCGAAACCGCGCAAGTCATCCACGGGCAGTCTGCGGGTACGCATCGCGA  
GACCGTGAGGACGTGGCTATAACGGAGAAACCGAAACCGTGCAGTGTGGTC  
TATCCCTACGCGCGCATTAAAGGCGCGACTTGCCACCTTCCCAGCAGCTTAT  
CGAGCCTTGCCTATTAGCGGGGGCGCCGGAGGGCGGTACTGTGCTGATCCATTAT  
GGGGAGTGGTACGTACGCCGTTGTGGCTGAGCGTCTCGGCCGTAATGGTAGGGT  
GCGAATTGAACCGCATTATGCCGACATGCCCTAGATCGAATTGCAGCCGCGC  
ACGAACGTGTAACATCTCGTTACGAACCACTAGGCACCCACACGATGACCTCTGCC  
GACGACGGCCTATACCTGATTCGAGGCCGCCAGCAAAACCGACCTGAAACTCCA  
CGGCCTAGCCGCTACTTGGCGATCCGACGACGCCGCGTACTGCTTACCTTCAT  
TCTGCCCGCATCGGACCGCAGATTGTGGAGATGGGGAGCCATTCCGCGCC  
AGATTATCGAGCACATCGCCGCCGGACGCACATTCCGCGCATAACGCGGGATT  
GACGCTTGCTGTGGAATGAAGTGTGCCACGGTGGGTGACGGGCTGCGCTGCTG  
AATCTGCGCGGGCAGGTGCAATGCACCGCAGCGCGCCCGCTATAACGGGCTGCG  
CGGTTCGCTGGACCAGGGCGCGCTGGCCTCCGCTGCAAAAGGATCTAG  
AGGGTAAGAAAGCGATGCTAGAGATCGCGCTAACCCGACTGGACACCGCAGACG  
CACCCCGAGCTGTTGCCACTACGTACAAATACCGTGTGACCGATACCAACCTGCTG  
CCCTTGCTGGTAGCCGCCACGCAGCGATGCCGAGCAAGAACACGCTGCTGGCA  
GCTTGACCTTGAGATCAACCGCGCGCTTGGCTGCGACGTGGAGGCCGACAGG  
GCATGTCGGAGATGTTGATCTCGCGCACAGCATCATCAACTTGAGTTGGAGATGG  
CTAGCGACGGACAGCTGCTGACCGCGCGAAGGT

>CONTIG\_220\_length\_2037\_cov\_7.121990

GGCCAGTGCATGGGTGACCTCGGACTGCGCGGCCGTGGCATTGCCCTGTTCCAGCAG  
CTCGGCCGAACGGCGAGCAGTCAATACCGCATCGCGCCGGTGGCCAGCAAGCCGC  
CCGAGCGCACCAAGGTGCTGGCGACGCATTGCCGAGTAACACTCCATGGACGCG  
GCACCGCTTGACCGCGAGGAACCTCGCAAAGGTCTGGCGGCTTCAGCGCCCAAGGT  
GTTCTCAACCACGGCGACACCACCGGTGACAGCGTAGCTCCCACCGTAACAAA  
AAGAGGGAGAGGGAGAAGGAGAGAAAGGAAAGGGTAGTTCAATGTTGCCACCTCG  
AGTCAGCGCCTGCCCTGATCCATTGAAGTGATTCAAGGTGGCGATGACCGGGATT  
GTTATGGGTACCCCAACCCAAACCATGCTCAACGGCGCTAGCTCCCAAGAGCATC  
CACTTGATTGCGATAAGTATCGCGTAACCGCGCGCCCCGAAAAAGGCCTGCG  
TTTTACCGCGCATATTGCCGTCTGCCCTAACGAAGCATTGATGAAGGTAC  
CATTGACCAATCCCACCTCACTGTGTCTCGCAGGTGATTCACTTGGCAGCAACGC  
GATCCAAGGCATCGGGATCACCCGCCAGCGCAGCCCTGCCATCCTGGATTGCTCTA  
AGCGACGAAGGTTGTCGAGAAGTCCGACCTGATAGTCTGAATTGGGCCACCGCTA  
TGGGGTGAGACGCCATTGCCCTGAGCCAGTCCCTGTCGTGCGGATGAAAATTGCA  
TTTCAGGTGCATCAATGTCGAAGCGATCCGAGTCCGACAGCACCCGCAAGATGCG  
GCTGTAACGAAGGGTTGCTGCTCGAACCCATGATGATCCTGAAAGGCTGCT  
GCGCGGCATGCTCCCTGCTCCTACCTGTTGCCAGGTGCGGCTAGATGTCTGATGC  
GTCGATAAAAGAGATGCCGTTTCAACCAGCATCATCAGGAATCCCCGCGTCATGGA

CCCGGTCTTGAAGGCCGGCGCAAATCACGAATGAGCTGAACGGCGTAAGGAAT  
ACGTGTGCTTGACCCACGACTTCGGCCTAAAGGCCAAGCTGGCTCCTCCTCCCACC  
GAGTAGAACATTGCCATTGACATAGTCGTCGTACTTCATTGAGCTTCGAGACA  
ACTTCATCCAAAGCATCAAGCTCGGAACAACGTACACACAAAAGGTGGCGCGGACC  
TTGGCTCCGGTGGCCAAGCGTAATCCACCTCCCGAAGGCCAAGGCCTGGGAAT  
CCACCGAAACCATGACATCGTGGAGTCGCTCGAAACCAACCAATAACCCTAAAT  
CCCGGCTCTAGATCGCTGGGGCTGGACCTGTGTTGGGCTGTAGGTAGCTGCGGT  
GTTTCGGAGCACGGAAATCCTCCCTCCGGCCGCAGGATCAACCGCGGAGG  
GGACAGCAAGTGCCGGACGTTATCGAACCTCACCCCCACAGGGCTGCCTGTTGCTCTC  
CATGTCCGCTCAAACATGTAGAACAGCTCCGGCGTCGGCTGATTGGGTGTTGTA  
TGGCATGCCTTCGTCCCGTCCGTGCGCTGGGTCTCAGCTGACAGAAAGAGCTTAA  
CTCGGCAGGCTTGCCGACCCAAGCCATAAGACAAACGGAGGGCTACGCCAACCCCC  
TTTCCGCCAGGCTAACGTTCTGGCCGCCGATGACCAAGTGGTCCAACAGTCGGA  
TGTCCAGCAGGCCAAGGCTGCTCCAAGCGCTCGTACTTGCGGTCCGCTTCGC  
TCGGCTCCGGATTCCCGCTGGGTGATTGTGAAAGAGGATGACAGCGCGCGTTG  
AGTCCAGGGCACGCTGGCGACGACCCGGCTATGGACTTCGAGCCGTCGACGGT  
GCCGGTGAACAAGTGCCTGGTAGAAATGATGTGGTGTGGTGTCCAGGAAGACGA  
CCCCGAAGACTTCGTGCCGCAGGTGAGCGCAGCGGCAACCAAGTAATGCCGGCT  
TGGTC

>CONTIG\_221\_length\_2029\_cov\_12.411672

CTACCGGTGGCCTGCTTGCCAACGCCAACAGCTGCACTACATCGAACCCGATCAC  
CTGGGCAGCCCGCGTGTGGTGGTGAACCGGCTCGTAACGTGGCGGTGTGGAACGT  
GAGCCTAAAGGGCGAGGCCTCGGAACACTCGGCCGAATCAGGATCCGGATGGCG  
ATGGTGCAGCGCTGGTGGATATGCGCTTCCGGGCAGCGGTTGATGCGGCTA  
GCGGTTGAATCAAATTACTCAGGGACTACGACTCTGCTACCCGGCGGTATGGC  
AGAGTGATCCGATTGGCTCGATGGGGGATTGCCACGTATGCCTATGTTGGCGGT  
ACCCAGTGGATCAATTGATCCACTGGGTTAGTTAAATGGAGTGGAACCATGACCA  
GTGGCAGTGCATCTGGATTGGAGGTGGCTCTACAGGCTCCCTGAATTGG  
AGTGCATAATGGCGAGCAAGGGCGTGGGAAGTTGCGATAGGCCAACGATT  
GGTGTGGAGATAAAAGCGTGCCTTCAGCCTACAACATCAACCGTCACCC  
CAAGACAGACTGAATTACGTTAACCCAACGTTGAATGGATGGTTCAATGTGG  
AGCGCTGGCATACCGCATTGGCGCTATGGATTTCAGCCTACAACATCAACCG  
GATGGGGGGCACTGAGTCCTCTGAGAGGTGGCTTACAACCTTAGAGAA  
AGGCCCGAGTCGTGGCTTGAAATAGGCCTGGCGGTGTTGCTGGCTAGCCACAGT  
TGTAGATTGATCCGTTCCAATGTGGCTGCAAGTGATGAGGATCAAGATGATGCC  
AGGATTTTTGCGGCAAGTGCAGATGGCATTGCAATTCCCTATGGTGTGTT  
TCGTTCTCGTGACATTGATCTCAATAATGCGGATAAGTTGGACCGGAATT  
CAGCAATAGCTGGCTACTTGCTTATTGATTGCTGCAAATTGATCGTGAATCAA  
AGCGGCATCCCCCAATCTGAATAGCGGTGGCTTAGAGGTTGTTGTGATA

TCGGTGTGGTCAGCTGTTGGCATACGTAGATGGCGTCGTGCCGCCAATTGCTGAA  
CCGCCCTGGATTCCGGAGGTTCCATTCTTGAGAAGATGGAGGCCATGAGCAGAG  
CAAGAAAGTCTCCGGAAATCCGGGAGCGTCGGTGAAGACGGTGGAGCAC  
CAAGGCAGTGCAGTCGAATGGCGCGATGGAGTCCGTGCGTTAAGGTGGG  
CTGCACGGCGAGAGGGAACGCATCAAGGCCTTAGCGCAAGGTGCGCTTAATT  
TGGTCGCAGATGATGCCCTCGTCGATTGCTGCAGCCATTAGGGTACGCCTC  
GCTGAGGTCATCAAGCTCTCAGAGCGTTGCTTCAAGGAAACGACTGACGTTGTCT  
GATTCAAGGCCGACAGGGATCGAGGCTGAGGCCGTAATCAAGCACGGACAGG  
CCCAGCGAGACAGCCGGAGCCGTCCAGCTCCTGGCGGTGAAGGCCGGCT  
GTAAGTACGTGGTCTCGTCGCCAATTGTCGCCCCGACCAACTGAGCCGGAGCTT  
GGACACCACGCCGGGCCCTGCAACTCCTGGATGAGTGTGCGCAGCGAGTGG  
AGCCCCCTTGGCCGTGGGCCAGTTCTGCCACCTCGGCCAGGTGCGGGCTGAAGG  
CTTGAAATCCATTGCCCTGGCGTCTGGCATCGGCCCTGGCTGCTGGAAACA  
AGCGCTCCTGGCCCTCGCGCGCCTGCTGACCCAGCTCAGGAAGCACAGGGCG  
AGCAGGTCGGGTGGACCGCACCGTCCTCAAGCTCACGTCCGTCTCACCTCTGA  
TGCTGCCCTCGTCCGAAATCTGGATGTAGGGATACCGCCGTCCACACATCG  
GCGTCAGCAGTGGCCGACCTCCGACGCGCGGGCGCCGGTATAAC

>CONTIG\_222\_length\_2021\_cov\_53.126188

CGCTTCGGCTCGCGAGGAAGCCAATGATCTGTCCTCGTAAAGCGCTTCTCAC  
GTCCAATCTCCTCGGGTAGGAAATTGACTCCAAACTGGGGCGCTACTCAAATTG  
GGTGGACGTCGCCAGCGCCTCAGCGAATATCGTCTCGAAGTCCAGCGATTGATCA  
AATCCGGCGCTTTAGCTAGAGAGGTCAACTGCAGTCAAAGAGAACATGGATGTG  
CCAATTGGGACCATGTTAGGTCAGTCACTGCAAAGAAAATCCGATAAGAGCTGG  
ATAGAAAAATCCATACTACAAATATGACTGGGTGGACCGTGGATTCTCCGGAT  
GGCTACTGTGGAATTAAATATTCTTAATATCAATAAAATTCTGGCTAGACTTCTAA  
ATGTAATTATGCTCCGTTCTGGATGGCGTGAAATAATAATTGTATTACCTAATT  
CGAACTCTGGTTTAATTCTAGTGAACCTCGCAGGTTCTCGTAATTGTTGGAGC  
CTAATTCTCTCGACTGCCGCTGTAGCGGTTCTGCATAAAAAATAATCATTCTCT  
AAATGGGGTTTATGAAAATTGAGAAACGTCTCGCTAAATTAGCGTGGGAAG  
ATTGGCTCGGGGCTTGTGATTGCTCAATTGCAAGGGCTGGCTTGCTCTGCT  
GCTGAGCGAAATCTGGGGCTAGACCTGCAGGTGCCCCGTGACTACGTGATAACT  
CCGTCGGCTATTCTCGCCTGCCTGCATTCAAGCAGATTCAAGTGGGATCAGATC  
ACGCAAGATGGAGGAATTCAAGCGTGCACAGGTTCTTAGAGCAGCGGAAGATCTG  
TAGCCAGGACAACCTCACCGGGATGGTTCGCGTTAACGCTGATGGACGAACCTT  
GGAAGGCAAGCTAGCTCGAACAAATTGACGGGATTCAAGTGCAGCAAACCAAGCAG  
TCCTCCCCCTAAAATTGCACATGATTATCTTGCCTGAGCTATATCACGTCTCA  
ACCGATCGGTAGAATTGTCGCTAGTTGGAAGGTCCCGCCAATCCAAGAGTCGATC  
CAATCAGACAATCTATTCTCCGGAAATGCAGGGTGACACAATTCTGCAGCCAGT  
ATTAGGTTATCGAGGAGAATCCAATACCTGGATCTCAGTAGCTGGAATTGCTGCAA

AGACGGCACTGTGTGGACCAGTGATTATACCTGCAAAGTCTGGTGATCAGATTGT  
TGGTGATACGTACTCTACCTGTGGCGTGGCGTGGCCTGTACTCGCTGGAATATTGA  
TACGAAAAATATCACCTCGGGACGCAGTGTACGACTAACAACTGCTCCTATGGGA  
ACCCAAATTGGATTTCGGTGGGCCTCGAAGTATACGATGTTGCTAGTTGCGATG  
AATTTCGGACGGTGGATTCTTACGTTAGCGGTATGCCGTATGATCGAAATA  
TGATTCGCGTTCGTCCCCGCCATGGGATAGCAATGGGCCGGATGCTGCGGGCTCA  
GTCCGCAATGCAATTATGGCGTTAACACAACCGATACTTCAGTTACTGTTTTACTG  
AGTATTAGTATCAAATAATTGTGGAGCATTGGCTCCGTAAGATGGACTTATAGTG  
GCACCGATGGGGAGCCCATGTAAGGCTCCCCATGGATCGTTAGGTCAATGAAAAA  
TGCTTTGGAGTGCTTTACAAGGCGATCTGAACATAGGAGTTGCGTTAATA  
ACTGCAAATCAGGGCGGGCATTGCCACAATAGATTGATTATGAATTCATAGAATAG  
AATTACCTGTCTACACAAATCCACTGCCAGTGACATTAAATTGCCTGACCGCATT  
CAATCTGCACTCGTCCTCCAAGGCGTACTGACTTGGATAGCCGCTCTGCA  
ACCTGGCATATCCATACTTCCATTGGTTGCTCCAAATCTCAGATCTGGATGGCCAT  
CGACATTGTATGACGTCATCTCGCT

>CONTIG\_223\_length\_2006\_cov\_22.278872

CGGCACGTTGAAGTCCAGCCGCTGCGGCTTGGCCGGCGGTGGTGCTTGCGGCC  
ATCAGCCCAGCAATTACGCCACCACGCACACCCGGATTACTCAGTGCAGCGCACC  
AGCTCCTGTGCTGTTGGCGGAGCGGGCTGCCGGCGCCGTGGATCTGCCAGCGGC  
GGTATGGTCTTGGCTGCAGTGGCCGCAGCGCCGCCCCATGCAGCGCCAGCGCGCAGCGGC  
CGCCTGCGCCGATCGCAGCAGCGCCGGCACCGATGGCGACGCCAGCCAGCGCTACCG  
GCGTCAGCGATGGTGAGCCTGATAGCAGGCCTCCGCCACAGCGGGGCGTGTAC  
GGCTAGGATGCCATCACTCCAGCGGATACAGCGGCGAGATAGGTAACCAGTATCT  
CGGGGGCCGGCACAGTGAATGTCGCCATTACGTTGCCGTAAACCGCCATGATG  
AAGCTCAACACCATGAGCTTGACACCCCTGCCTATGACAGCGCCGATCGCTTTCA  
GCAAGGAAGGCCGTGTGATTGCTTATCCCCCAGGGAACCAGAATTAGCCCTAACGAC  
CGACACTAGATAAAACTCGATGACGGTCAGCATGCACTGACCGCCAACACTGCGA  
ATGCAGCCAGGATAAACAGCTCCGCAACCGTGTACTGGACAACCAACTGCGAGCATC  
GCAACTTGTCCATCCACCCGCCGCGCTGCATGTCCTGGATCTGATCGTCAATTGGC  
TTGATGACCTCCATTGCTCTATCTAGGATTGCGCTGGGTCTTAACTAATGTCGCCG  
TTCCACCGCCAGCCAGCGTCCGATCTGCGAGTCCGGTGGCTACTCCATTGGTCA  
AGGTAGGCCATGATGCGACCAGGAATGCAAAGAAGCCGATGCGCAGTAGCTGCCG  
AGGAATGGCGCAGTGAAGTCTCACCAACGCAAGCGCCAAAAAAGCGCCGCTAGTGC  
TACTTCGATCGCTGCGAGCGTCCCCAGTATTGCGGACGCACGTGGCGTCAGAATTCC  
GAACCCGTTGGAGAAGACATTGACGAAATTATTGAGTAACGCCGTTAGGAATCCGG  
TGGTGGTCGGGTTCATAGCGGCCTACCTTGGTAGTTAGAAGCTCGTTAGCCGA  
GGCACGGTGGACTTCGCCGGGAGCCGCGTTGATGCCGCAATTCCCATAGGCCG  
GCATGTTTCAGCTGATCCGTGCATCATGCCAGCGCCACTGCCATACGCCGCTGTC  
GATCTGCTCGCGCAGCTTGGTGAACGTGACAACCTGTTGCACTGTCAGGTAG

ACCCAACCTTGTCAAAGATCGGGATCACTGCATGCCGGGAATAGTCCCCTAGCTGA  
TCTGTTGTCGGGAACCGACGTGGCACGTCGCCAACCTGCGAGGGCTGCGGCGA  
CGGCAAGAACTACAAGCGGATGGTCTTTCACTTAGGAACTCGATGTTGGCCGG  
TGCACCCTGGATTGTCGTAGGCCTGCCGTATGCTGTTGACCTTGATGTTG  
TTGGCCTGGTCGGATGCCAGTTGCCGGCTGTTCTAGGACTGCCTGGTTCATG  
GCAGCTGTTGCGTTGAGCTTCATCATTCCCTGACCGACCAGCATGTTGATCTGGT  
TGCCGGCCTGCGTTGCCCGAGTGCACCTGTCGCCACTGCGAGGCCTGGCCATCG  
TCTCGAACTGCTGGTTGGTCTGTCAGCGTCCAGCGTCCAGGACGGCGGCCGTGAAA  
GGCGTCCTCGACGTTCTCGCGGCCCTGCGACTGCCACTGATCGACCATCGCGGAAA  
GCTGCTGAAAGGTCGCGTCATTGGTCACTTGGGATAGCGCTGGGAGAACATGTCG  
CGCGTGTCTTCAGCTGCCATGCTCCCGCGCAGCTGGTTGATGCTCTGCTTATAGG  
AGTTGTAAACCTGCTGGTACTCGCCAACACATTGCGCGCAGCGAGGCCAGATTG  
CGGCCCTCGTGGCAACCTGCTGG

>CONTIG\_224\_length\_1987\_cov\_35.642473

CAAAAATTGACACCCCTAAATCGGCTAGAATTGGCGGTATCGAACAGTTTCCAGC  
GCATGCCACTGGCGCGGTGAAGGTTTAACCGCCGACGTGAGAGCCAACACTCCCC  
CGCAAAAGGCAGGTTAGCGGATGTCTGTGACACGAAAGAACGCTCATCAGAGGGC  
TATCACTCGGCCTAGGCCTAGCAGTGATTGCCCTCGCACTGGATGGCAAGTGC  
GCGGTCTGGCCTCGCTAGGTTACCGTGATTGCTAACCTCTGCCAGCGTGGCG  
AAGGTCTGTACCTCCTGAATCGCAATACGCACAGCGCAGAGCGGGCCAGCTGG  
GCATTCCCCCCCACATAATGCGGCAGCGCGTTATGGCTTGAACCGGGCTGGATGAAG  
CCCGGAAGTCTTACATCAAGCGTGTGGTGCAGGCGACACGGTGTGCGT  
AACACTGAAATTAGCATTGCAACCCCAACAACCGCAGGGCACCCAGCGACCTATCG  
GCGTGTGGCGCGGTGCTGCCATGGACCGAACAGCGTGGCATTGCCCTACGTCTT  
ACACGGCTGCACGCCGGTCCAGTGGGCACATCTCACCATCGGTGATGGTCTCG  
CAACAGCTATGACGCCGCTATTACGGGTTCGTGCCTGTCGGTAATGCCCGAAG  
CATCACACCGTTGGAACGCAAGCGTCTCGGTAGGAGTCGATCATGAGTGACCTGA  
TGTCAGTGATTCTGCTTGCCTCATCGCGTGCATCCGCAAACCGTGCAGGCGATCA  
TCAAGCATGAGAGTGGCGCAATCCGTATGCCATCAACAAACAGGTCCGTAGCTTCT  
ACCCGACCCGGCTTGACGATGCCAGCGGATCGCAGTCGAACAGGTGCAGGGCG  
CGCAGTACCGATATCGGCTGATGCGAGATCAACTCGCAGCATCTGACCAAGTC  
AGTGACGCCGGTTGACCTACTAGACCCATGCACAAACATCCGATTGGCACCACCAT  
TTTGGCCCGGAACATGCCAGACATGGGCAAATATCGCGCCAAAAGCCTGCG  
TGCTGGCGCCTGTCGATGTACAACACCGCAACGAGTCGCGCGGATTGAGCAAT  
GGTTACGTGAGCTGGGTGTCGCAAGCGGCTGGGTGGCGGTGAACCTCCCGCAAG  
CGGGAAAGGCGAGCGGCCGCCGGTCCACCAAAGCCAAAGCCAATGCTGTC  
TGTGCCCCGAGCCGCGCCCACAGGGTTCGCAGGGACCGGGCCGAAGGCTGC  
CCGAGGCCACGCTGACCGCTTGTGCGGGTGTGCGGGTAGCGTCCGATAGGGTGG  
GGCTTGGTCGAGGCCGACGGTCCGAGACGCGTACAGCAGGCCAGAGCGGGCAC

TGTGGTTCTCGAAGGGTGGTTGATCGGAGGGGTGAGGCCCGAAGGCAA  
AGGCGGAGAAGCGGAAAAGAAGGGCAAGATAAAAGTGTGTGGTATGGGGTTC  
TAACTGACTATTTTATTAGCTTTTATTACAACATTGTCAATTAAACCTTGTGTAATT  
TACAACGTAGTTTTAGGGCTGGGAGACGACCATGGTCGGCAGTGAAAAGCGCA  
GCTCAGCAGGCCAGACCAAGGACGCTGGGAAGGGCAGTCAGGGTGCAGCAGCAC  
CGACAAGCCGCTCGCGCTCGCCTGTCCAAGGGCCAGGCAGTAACAACCTCCC  
AGGTCAATGAAGTCATCAGCCGTGTCAAAAGCGCTGCCAAGCAGGGCAGCAC  
GGCGCATTCCGGCGCACCACGCACCATGCTGGCGCGCTGGCGTCAGGAT  
CAACACCGGAAGCCGACAGCAGCGCGTACCATCAAGGCCGTGTGGTGCAGCAC  
CACGGGTGGAGCAAAAGCCGCATGCAGGGCACGTGGACTATGCGCAACGCCAC  
GGCGTAGACAAGGA

>CONTIG\_225\_length\_1978\_cov\_29.145867

ATGGTGGTCTGCCACGCCGGGTGCCAGTGAACAGAAACCGTGGTCACCGCG  
CCCACTGTCGAGCGCGTTACTGAGCGCGGACCACATGTTCTGGCCAACGAGTT  
GGAAAAACGCTTCGGCGCCACTTGCAGGGGAGAACAGATAAGACATCGGGCAA  
CCAGCTCCTCTGAACCGATATTGTGCCATGGCGCGCAGATTGATCGTTAGCAGT  
GGTACCCGGCCGTCCGCTGACCGAGGTGCCCCGGCAAGCGTGTGCTAACCTGA  
GGACCTGCAAAGCGGCATGCTCCGACCGCAGAGATCGTCGCTTGTAAACCGC  
GCCCGGGCGGCTAGAACCGCTCTGCCAGACCCAGTCGCGCGCAGGTACG  
GAGAGGTGTCGAGTGGTGAAGGAGCACGCCCTGGAAAGTGTGTAAGCGTCTAAC  
CGCGCTCAGGGGTTCGAATCCCCCTCTCCGCCAGATTACGCAAACCCCTGTTT  
ACAGGGGTCTTGCAATCTGACAAGATCATAAACGGGCACAAATCGGACACATC  
CCGATGAGAATTCCCCATCATTGATTGCTCCGCCTCTGGCCATGGTCTTCCGCC  
AGAGAGTGCCTTGACCTCCAAGCCAGGCTTGGAGACGGGTCAAGCGAACG  
CTTCGAACCACCGAACTGCGACAAGCGCAGATCCAAGCCATCAGGCTCGTCAAG  
CTATGCTCAGGTCTCAACGCAGTTGGGACTGTTGATGGACCGGATGAGCACCAA  
GGATGTGGATGCGCTCGTGAGCGCTGAACCGTGACGAGAGCCGAAGGATCTGA  
CGCTCCATCGCACTCAGGCACCAGATGGACGGTACGGAGCAGTGGCAAATCGAT  
AATGAGGACGATGTGCGCTCTACCGTAAGGCTCAGGGCTGGACGGCGTCTGA  
GGTGCCTCGATTGGCATGCTGCCACCTGAGCTGATTGAGCAAAGAAAGCCTGCTGT  
CGCTCTGCGATGAAATTATTACGATGGAAAAGGCTGGACGGATGGTGGCGA  
CTTGAGGCCACGACGCTCCGAAGACCTACACCATCAAGAAAACGGCGATTGAC  
TTCCTGTCAAATTGGGACCAAGACCAAGATTGCCACCATCAAGCGTCCAGAT  
TTGGCCAGGTGGTATCAGCACATGCGGGAGGGTGGATCATCGACGCCAACCTTGT  
GAACAAGCAGTCTTATATTGGTGGAAAAGGCTGGCTCTCGATTGGCCATGAACCT  
AGGCTTCTATCCGAAAGGCACAAACATCGCCTCAGGGCATGTCGCTTCCAGCTCG  
TGAAAAACGTGCTAGGCGGAAGCATGGCTCAAGGCTTACGACAAGCATCAGATCC  
AAGCATTGTTGATCCTAGCAACTTGAAAAATTGTCACCGAGTGGCCGGTGGCAT  
CATTGATCGGCTTGTATACGGGAGCAAGAGCTCGGAAGTTGGACAACCTCTTAA

ACGATGTCTTCAAAGATGGCGATATCGTTGCATCAAGATTAATGACGAAGGCGAAT  
TTCAGAAGGTAAAACGGATGTGAGCCTCGCACCGTCTATCCATCCTGATCTGC  
TGGCGTTGGGATTGGGAGTGGACGGAAGAGCTCGGGCAAAATGCCACGACCAG  
CTTTCCCACAAGCCAATGCGACGAACGGTGCGGGCAACTGGATCAGTAA  
GGCGTTCAGTCGTATGTCAGAGGTGGGAAGAGCTGGCCCAAGGCAAAACGCG  
GCTTCCATTCTCTCGCAAGACCTGATCCAAGAGATGCAGGGCGCTGGCATGCCCT  
CTGAAC TGAGGGCTAAATCGTGGACATGAAC TCGATGATGAGCATCAC GCGACTT  
ACAGCAGAGAGTTCACCAATGCGGAGAAGCTCCAAGGCATGGCCACCAC TCCCCT  
G

>CONTIG\_226\_length\_1974\_cov\_14.818625

TATCAAACGTCTACCTCCTCATAATTGGATCGTAGATGCACTTAAACACTCCAAC  
TTCATCAATATTGCAACAGCCAAAGGTCAAGTATCCATCCGAAGCATTGCAATCG  
GCAAAGTCGAATTCAAGCGACATGGTCGTTCAAGACCGCGCTGGCGCGCTTCACCTC  
AGGACCTGGTCCAAGCGACTTATGACCATCATGAAAAGCTGCGACGGCTTCGCCGA  
TCCGGAACCGCGCTATCCTGAGCCCCCTGCCACTCCGGCGCGCTCCTTCT  
GAAGAGGTCGACGACTCCTCAAAGACAAGGAGCGGCAGAACCTCGCACCAAC  
GATCGAGGCCTATCGTCAACGCTTGCATCTTGCAGCGTGTGAGTGGCAACACGTC  
CGTGCTCGGATCGACCACACGCACATCTACAGATGTGGATCTGCTGCGATGGC  
GCCCGAAGACTTCATGACCAACCCAAAGCATCGGGATCAAGCGTCGAAGTCTGA  
TTGCGAAGGGCCAACGCCAACGGCGGGCGCAGCCTGCCAACGCAACACTCGAATTG  
CATCGGCGCTTCTGGCGCTTCTTCAACACCTAGTCAAAGCGCGTGCCTCC  
CACTCCCCAATGGATGCGTTCAAGCCGGCAAGGAAGAAACTCCTGACTGATCAGGA  
CGAGCCCGAGCGCTGCTCACCAGAAGAAATCCAGAAGAAGATCTCAACCCGGAGA  
CCTTCCTGCCTGGCGAAAAAGTATCCCCATCGTGGTGGCGCCACTGATCGCCC  
TTTTACGGGCGCTCGGATCAATGAGATCGCCCAACTCAAAGTGGCGACATCGTGC  
AAGATCAAGGTATGGTCTTACAATCCAGAACCGTGGATGAGGACTTGGCG  
CAAAGCGCAGGCAAACGCAGCCGGAAAGCCTCAAAGGTAAGAGCGCAATCCGCA  
AGGTGCCGATCCACCCAAAGCCTCATCCAGGCGGGCTCCTCGACTTCTGGCGACA  
TCAAAGCGTCTGGTCAACCGCGCCTTCCCCAACTTGTGGCTGGCACCTGCGCC  
AGACGGGTGAGCGAATGGCGTTACAGCCAGGGCTTGTGAACCAGTTGCGGCC  
TACTTGAAGGGATTAGGTTGGCAAGGGGATTGGGTGGCATGCCCTCCGGCATACC  
CTGGCTACCGAGCTGATGCCAACGGCGCTGTGCTCCAAGACAACTATGTCCACAAGTC  
GGCCGGGAACATCGGAAGATCCAAGTTGAAGCGCTTGGTCAACTATCAGCCGGCTC  
TGACGCTGCCAGACTATGTGCGCGGGCAGTTCAAGGAGCGGGTGAGGAAGGGGCG  
AAGATGTATCCGTGAAGCCAAGGGCAAACATATGTCTGCAACTTATATGAACACTCT  
GCGGAAGTCTTGGATTCCGGCAATATAAAACTTGTAAAAAGCCTAAAAAA  
TTAGTTCACACTAAACCGGACGATGGGTGATATCTGTTAAACACCCAGCTCCACATG  
AAATTGTTAATATCGACAATTAAACGTTGCGCTATCTCGAACAGCGCAGTATGAT

GAATGCACCTGGTTACCTATTGAAAATGGCTGTCGGACTACATAAAAAAGAAA  
TTAGCGGCCGAGCTCTCCCGCTGCAACATGCGAGCTATGCCCTCACTCCAC  
CCGTCGGGTACGTGTAACGCTAGTTACCGTGGAAAGATGGAAGAGTCTGCCATT  
TGGAAAAAAAGAAGGTCGGACTTCATAAGCTGGGTTAAAGGCTAAAAAGCAGC  
TCATCAATTGAATTAAATAGTTCGTCTGGTCAGACAACGGCTGCAATGCATCGC  
CTTATATCGGAAAAAAAGAAGGCCAAGTTAATTACTGGATCCTCCCTA

>CONTIG\_227\_length\_1949\_cov\_7.866081

CAGCGGTACCAAGTAGTGAAGACATCCAACACGCACGGGAGCAGGTGCAAGCTTAC  
GCCAGGGCGTCTCCGTGCCTGAGCTGGCCAACGACAGATCGAACTTCGTTGCCT  
CAGGAGCGCGATGCTTCGAGCAGGCGTTGCGCGAGGCCATCGGCAGGGTGTTC  
CACGCAAGAACGCAACAGGTGCAAGCTCGCCAACGACGGTCACCGCTCCGC  
ATGTGGACGAAACCGAGCGCCTCAGGCAGGCCATTGATGCGCAGAGGGATCGAGAC  
GTTGCACGCAGACTCGACGCCCTGCTGTCGGAGACGGCAACGCCCTGCCTCGTC  
GTGATGCCTACAGCCGAAACGCCGCTGCCAGAACGACGTGCGCCCCGGTCGCCAA  
GCCTGCGGAACCGAACGCCCAGTCTGTCGGCAACCGAACCCCCAAGAACCCGAA  
CACCTGAGGTTGCCGCACCCCCGACAGCCGGCGAGTCCAGCCTAACGGGGAGGCA  
TCGGTTCCAACGGCGGAAGCGCATCTGCCCGAGCGCTGGATCGGCATCATCCGCT  
TCGACCTCTGCCGATCAAGCGGCTACTCAGGCCACTGTGCCGACGCAGCCGCGTC  
TTTCAGGAAGTGGAAAGGGCTGCCCTGGCGACCGAGGGCAAGAGGTGAGTTCTT  
GCAGTATCGATTGAGCAAGTAGATGCCGTGGCCAAACGGTCAGGCCGTGCCGC  
AGGACGGGCACTATGGTCCGGAGACCGAACATGCGGTAAAGCAGTCCAACAAGAC  
CAAGGATTGCCGGCAACGGGGGTTGCCGCCAGACCTGGATGAAGCGCTGTCCA  
GGCACAAACACGCCGCCAGATGCCCTGAAACCCATAGAGCCATCATCGCCAATG  
CAGCGATGGAGCAGGGCGGTGAGCAGCAAGCCGAGTAGGCACGCGACAGAACGA  
TGCGCCATCGGCTGTTCCATTGCAAGGCAGAGCAGCAAGAGGCCGTGAGGCCGT  
CGCCGGCAATTCCAACGCAAGAGCGAACGTGCCGGCACAGATCGTCTGCCGTAGCGC  
ACGTCCCTCATCGTCATGCCAGGTTGGTGGACAACCTGCCGCTTAACGCA  
CACGAACACGATGAGGATCGGGTCGAGCAAGCAAGGCCCTCGAAGATGCCGCTCA  
GCAGGCCGTTCCCTGTATGCCAGGTTGGTGGACAACCTGCCGCTCAACACGCCA  
GCTCCGAAAGGCACCTCGATGAGAACGAGAGGCCGAGGTATTGCATGCCGTAAAG  
AGTCAGGGATCGAACGCCGGATGAACCTCCGGAAAGTGACCACCAAGATGATGTC  
GCCTTGTCTTGGCAAAACGCCGGCTTCACTCGAACCTCGCTAACACGCCA  
TCGCCCGGCATCAATGAGAACGAGCTGCAAGAGACAGAGGCCGAGGTATTGCATGCCGT  
GCAAGAGATGGTCAATTCCAGCGCAGCGCAAGAAATCGACAAGAACCCAAACA  
GGCCCGTGTGACGCTGCTGCCATTCTCAGCAGCAGGCCGATGTCTGGCGCGAT  
GGAGGCCGGTGGTGGTGGTGGAGGGGGCGGTTGAGGCCAAAGATTGCCCTCGCAGGAT  
TGCCGAGTTGCAAGCAGAACGCTTGTGGACGCGATGCGAACGGACAGTCGCCGGCTTATGAA  
GAGCTAAGAAGAGAGTCGTTGGACGCGATGCGAACGGACAGTCGCCGGCTTATGAA  
TTGGCTTGTACAGTTCAATTAAATTTAAATGCTCATTGCGGTATATCGATATA

GGGCTCGCAAATCGGAATTGCGTGGCGCGGACAGCTATTCAAACAACAAGCAA  
GAGCGCACTTATGGTTCTGCTTGAGAAACCGTGCGCCAACGCTGCGCGTCGGTG  
CGGTGGCTTCGCCACCTCGTTGCCATGCTTCGC

>CONTIG\_228\_length\_1929\_cov\_10.982242

ACGATGTTCCGGAGAAGGAGATTGCCTGGTACCGGCCACAGCACCGATCCCCGC  
GAACGGGTCCAAGTGCTACGCAGGCACTACCTCACAAGAAGCCGAGGTGACGCG  
CAGCAAGCAGATCAGCGCTTGGAGCTGTATCAGCCAATGTGGAACTGCCTCGCTA  
TGAGCGAGGGCAGTTGCTACGTGCTGGTGATCCGAGCAAGTTTACCCGTAACG  
CACGGCAACTAACCAATGAACCACCTCGACCAATCCGGCGCATGTATGCCCGCCA  
AAAATTCTCAGGCTTCCACCATGAGCCTCACCATGCCTACCACCGACCTACCC  
TCCTCCCCAGTCGAAACCAACCTAGCAAAGCAGCAATACGCTAGCGGAGCGATCTA  
AATGGCATCTATGTATGGCGATTGCACGATTCCGGCGCGTGTAGTCATTCTACT  
CATAAAAAAAGCTCACCATGCAGGCCAATCATCAGATCACCATGATTCGGAGAAA  
GGAATCTCAACAATGTCATGGGGTGCCGAGGAAGGGCACGACCCCTATGCCGGGC  
ATTTTGTTGTCGCCCCTTACTTTACCCATCTCTTGATGTGGGGAGAACAAACA  
ATTCTCGTGTGATTCTCGAAATAATCGTCTCGCCACAAAGCTCTCCGTCTG  
AGCTTCCCTCGCTGACCAAGCTCCTCACTAGCCAGCCAACGTTCTATGAGTTTC  
ATACCAGAAAACATAACATCCGTAGACAAGGACCTTCACCTTAGCTAGCGCTTC  
TGCAAGAAGGCCTTATTCCGCCAGCTTAAGCAGCTCGTAGCTCTGGGAGAAG  
AATCTGCCGGATAGCCGTTTGCTTACCCCAATGAGATGAGCCATAAAGGTCAA  
GCCATTGGCTATTTCGCCGATGGCATGATAGCAACCCCTTCTATTGGGATACCGG  
GGCGAAGACCATGAACCATTCTCCAAGCGGAAAAACACAATTGGACGCCCTCCGA  
CCTGATAAGAACTAGCTGCAAGTATGGGAACTGCCTCAGCTCATCTCGATTAGCTC  
TCTATAATCCTCACTACTCTTATGGAGTATTAGCTTGTCTCGTAAAAATAACGCC  
TTCTCCCGCGCGCGCCTGCACAAGCATTGCCGCTCTTGTAGCTAATCTCTGG  
TGGCCTGGAGACTTTTCGGCCTTAATCGAAGTGAATCCGCTGTGACTGGCTTG  
GCTCCTGTTGATTCGAAGACTGCTTCAGCGTTGATCACAGCGCATCGCTCTCAGC  
AGCAGAAAGCTCAGAATAATGTCTCGTAGGACACCCATTCCGACGACCGGCC  
CAGACTTTCCACTCGGTGCCATCTTGACCAACACTCAACTGCCA  
GCGTCAAACCAATAATCATAGGACGGACGAGCTGCGATAATCATTCTAACCCCTT  
CCTTGCAGAATGCCAGAGTAGATTAGTGTACTTCCTGGCTCGTCCAAGTGGTTT  
TTTATCAGGTCAAGCACGCCCTGCTGACGCTCCGCCGGAAACGAGCAACCAGCAG  
GATGACCTCGGCGAGCACATCGAACATTGCTGGAGTAAGCCGGCGACGCCA  
GCGCGTTGCTCAAAGCAGCCAACGTCTCGTGGCTGGCTCCCGCTCCCCCGCTCGT  
AGCAGGGAGAGTCGTGACGAGGCAGCTTCTCGTTCATCCCCAGCAGCGCTCCAGTT  
CGACTTGCAGACAGGCCACGCCCTGGCCACGTAGGCGACGACCAAAAGACG  
GAACTTGTGGCAGAGATGCGGGCATGGAGATCTAACTGATGGCTAACCTCCAAGT  
CTGCACCGAGTAGCATCCTAGCGCACTTATCTGCCAATATGGCAGATAGAAC

>CONTIG\_229\_length\_1917\_cov\_61.658101

CCGAGAGCAAGCATCTGATGCTGTCGTTCTGTACAAGGCCGACCCGAATACGGC  
ACCGCGTGACCCGCGTGCCTGCCAAGGGTACCTGGCCCGGTCAAGCAGTTGGCCTC  
CAGCCTGCAGGAGTGATCCACCCGACGGCATCGCGCCTGTGCCGCCGGTGCCTCCT  
CGTTTCGGGAGAGCTACATGCGCACCTGCTATTCTGATGCTCGGCACCTGTCTG  
CGGCTGCCAACGCTGCTTCACCCGCGTCTTCCCTGCCAGTACCAACGAATGCGACCA  
CCAATCCTGCGCAGATCAAGCTGCAGTTGCGAGTATTTCGATGCCAACGCG  
AAGGTGGCAGGACATGCTCGCCAGTTCATCCGCTCGCATTACGACCTCAATACCC  
GCGACGAGAAGGGTACACCGCCTGATCCTGCCCGTACCGCCAGCGCC  
GCGGTGGAGCAGTTGCTCAATGCCGGCGCCACCCCTGCCGCAGGACAAACGCG  
CAACACTGCGCTGATGGCGCCATCTCAAGGGCAGCTGGGATCGCCAAACGGT  
TGATGCAGGCCATTGCGCACCGGACCAGCGCAACAATGCCGGCAGACCGCGGCC  
ATGTACCGGGACTGTTCAACGCACCGATGTCCTCAAGGATCTGGCCGCCAAAGGC  
GCAGACCTCAGCCTCAAGGACGGGAGGGCAACGATGTGACCAAGCTGCAACGCG  
CGAGTTGCCACCGCGCCGGCGCTGAAAGCACACTGGTATGCCAGGGTGCCT  
CCCGTGCCTGCTGCTGAAC TGCGCAGGTGCCGCACAGCCAGCGCCTACAGCCC  
CACGCACCTGTTGAGGCAGCACAGCGTTGAGCATGCTCGGCCGGCAGGTGCTGCC  
GAGCGTCGCGCACTCCGGCATGTGACGTCTTGGGAATCCTCGTAGTACCCAG  
CAAGCGCTCAGCGCGGGCACAGTCCGCTCTGGTAAACCTGCGCCTTGTCTCC  
GCGCCGAGAGGACCACTACCCATTGCCCGCGTTGACGCACGCAGGCAGCGCA  
CGCAGCGGCACCATCATCCAAGCTCTCGACAGTCGTAGGTCTGATCACAGAT  
CTTCCGGTTCTCAGGAGCCCTGCCACCCGTCGTAGATATGCACATCGGCCGGTC  
CATCGGCCGGTCGCCATCGGCCTGCCGAGAGTCGAAAAAGAGCTCTCCGCC  
GCCGGTTTCTGCCCGCGCGTGGAACTCTGGCGTGGTGGTATTTCGCC  
ACCACGTCAGGAATTCTGACGCTGAAACCTTGTGCCAAGGCTTGACATAAA  
TCTGAGCGCGCGCTGACTTGCTAAAATTGATTGAAAAACCGCAGAAAACAGTTC  
AAGAAAGCGCGGGCAACGCCATGCTGAAGCTATGCACCTGGAACCCCCGGGACC  
ATGAAGCTCGATCCTCCATCCCTTCTGATGTCCTGCTGCCATGGTCTGTGCA  
CCGCCACCGCCGTCGTGGCGCTGGTGGCAAGTGCATGTCCTCGCTACCTCGT  
GGAGCTTCTACACCGTGCTGGTACCGCCCTGATCACGCTGGTGCCTCCTACACCG  
CGCTCGGAAGCCGCTGACTGCCAAGAGCGCGTCGGTTCCGCAACCCGTAAGTG  
TTGCTACGTCCAGGCAGCGCGCAATCGCGCTGACGCCAGCAGTGGACGCAAGA  
AATCCTGCTGTAAGCAATGATGAGCGCTTGCTGACAGGGCGGGGCC  
GGGACAGTAGCATCCTGCTCGGCCACCGCTACACCCACGGCCAGACTCAGCCGGCC  
AAACTGGCCCACGCCACCGCTGAGACGGCGCATGCCGCAAATAGCGA

>CONTIG\_230\_length\_1917\_cov\_9.353073

CCATCGAGCGCCAGATGCCGCCCTGGGCACCTCCAGCGACTGGTCGCCAGCACC  
TTCACGATGGACCCGCAACCCCTGCCGCCGGTCAATGAGGCCTCGTGCCTGGTAC  
GAACAGGGCCTGATCTACCGCGGCCAGCGCCTGGTCAACTGGGACCCGGTACTGAA  
AACCGCCATCTCGATCTGGAAAGTGGAAAACGTCGAAGAAGACGGCTCCTGTGGT

CGATCCGCTATCCGCTGGCCGATGGCGTGACCTACGAGCACGTGAGCACGATGCC  
GACGGCAACGAGACGCTGCGCAAACCGCGATTATCTGGTGGGCCACCACGCG  
CCCGAAACCATGCTGGCGACACCGCCGTGATGGTGACCCGGACATGCGCGCT  
ACGCCACGCTGCACAACGCCGCATCGTGCCTGCCGTGACCGGCAGGCAAGTGC  
GTGATCACCAGCAGGATTACGTCGACCGTGCCTCGGACCCGGCTTGTCAAGGT  
CAGCCTGCGCATGATTCAACGATTACGCGGTGGCGAAAGGCACAATCTTCACTTG  
AATCTATTACGTCTGAAGCAAAGATCCTGATCCTCGTCAACAGTACCCGTACGAC  
GAATATCCATTGTGCAGGGGATTCATGTTGATCTAAGCCAAACCCAACGGAAAG  
CGTCTGGTCAGCATCTCGCCTATAGAATCCCTATGCAGTATGTCGGCCTGGATCG  
TACGACGCACGCAAGCTGGTGTGCTGCGAACACTGGAAGACCTGGCGTATTGGT  
AACCAAACCGCACAAACTACAGGTGCCCGTGGCGACCGTACCGGCCAGGTGATCG  
AGCCCTATCTCACCAGCCAGTGGTGTGAAGATGGACGCACTGGCCAAGCGCG  
CTGGAGCTGGTCGAAAGCGGCCAGATCCAGTTGTCGACGCCAGCTGTGGT  
CTACCGCCACTGGATGGAGAATATCCAGGATTGGTGCATGCCAGCTGTGGT  
GGGTACCGGATTCCGGTGGTCGACAATGGTGGAAACATCTATGTAGCTCACAC  
TGAAGCTGAGGCACATAAGAAATTGAGAAGAGACTGAAGGAGATCGAAAACCGA  
ATTCCAGGACCAAACCTCGTCTGAAATCAGGCAGCTCAGATAGCTCAAGATATCC  
AGCGGAGGTCTTTCAGGACAGCGACGTGCTGGAAACCTGGTTCTCGCAGCTG  
TGGCCGTTCTCACATTGGCTGCCGGATGCGAACCGCGATGGCCGAGCGCG  
GAGCGCTATCTGCCGTCGTCGGTGTGGCACCGGTTCGACATCATCTTCTGG  
TGGCGCCATGATCATGCCACCGACAGCTCACCGCCAGGTGCCGTTCCGCGATG  
TCTATATCACCGGCTGATTGCGATGCGAACGCCAGAAGATGTCAAATCCAAG  
GGCAACGTGCTCGATCCGCTCGATATCATGACGGCATCAGCATCGAGGC  
GCTGGC  
GCCAAGCGCACTACCGGCTGATGAAGGCCAAGGATGCGCCAAGATCGAAAAAGC  
CACCGCAAGGAATTCCGGACGGCATCATGCCACGGTGCAGGATGCACTGCG  
TCACCATCGCCGCGCTGCCACGCATGCCGCGACATCAAGTGTGACCTGGCG  
CCGAAGGCTACAAGAACTTCTGCAACAAAGCTGTGGAATGCCACCG  
CTGGTGTGA  
TGAACACCGAGGGCGCGCTTCAACGGCGTGCAGCCGCGACC  
GAAGCAGAG  
CAGTGGATCCTGGCGCGCTGGACAAGGT  
CACC  
GAAGAAACCCACGCC  
CAACTACCGTTCGATCTGCTCACGCAATCGTACGAATTGCC  
TGGAAACG

>CONTIG\_231\_length\_1916\_cov\_10.671884

CCGGCTACCCTCACAGATGCCGAGTTGAAGGCCATCTCGACCCGGTGGAGTTCC  
CCAAGTGGCGTCGAAATACCCTCATCGGTGGTCCGGCCGATCCTCGGGCTTACT  
CAGGGGCTCGCGTCAACGAGATCGCGCAGCTCCGGCTGGACGACATCGACACC  
CAT  
GACGGCGTCCCCGGCTTCTCGTCCGAAAGATCGGAAGAAGCAGAGCATCAAGAA  
CAAGCACAGCCGGCGGT  
CATCCCGCTAGCGCAGCCGGT  
GATCGATTGCGGCTTCC  
GGATTACGTGAAAGAGGCCGACAAGCAGGACTGGAATTGCTATTCCGGAC  
CTGT  
CCAATTGACGGGCTGGTTATGGCGGCAGTTGAGCCGGCAGTTCC  
GTCTACA  
TCAAGCGGCAAGGGGGTCGGAGAAGGGCAGGGCTTCC  
CATGGTTGAGGCACACC

ATCGCTTCAAAGCTGGATGAGGC GG GTGTCGGCTTCAGAGACTGGAGCACTCACT  
GGCATGGACCGGGCAGACCGTGTGGAAAAGTTCTATTGATCGCGGAACCT  
GCCGGACCGAGTGGCGACGCTGCCAAGTCATTCCGCCTGTATTGCTCCACATA  
TAAGCCGGATGAATTGAAATCAATTGCTCAGATTGAAATGCCCTATGAATGATGA  
GCTTCTGACGCCCTGAAAGCGCACTCCAATCGTATAGAACGATTTCCGGAC  
CTAGAACATTAGATCGATATTGAAAGTGGGTTCCGTAGTGTGTAAGGGGATGCCCT  
CGAAAATCACAGCCATTAAGAGGGATGACGGTGGGTATTGGGGAAAAGATTTTT  
CAAGATTGGGCCCTCAGAAATTCCGGGTCGAATTAAAGTTTACCAAGACCGTC  
TGAGTGGCTGTATGCTTCATTTCATCTCATGAGATTGCAGGCCAGTATCTGAGTGC  
GCACAACGTTCATTTCTGGGGATGGGCTTGTGAGCAAAGAAAGGTGGGTATT  
CAATTAAATCCTGTCACTCTGTAGGCTCTTATGGTCTTCAATAATGCTGGTGC  
TATGAACACACAAAGACGTGGCTAAACGCTACGGGCAAAGAAAATCCTAGAGGC  
TCCGTTAGGAGTCTATGTAATTAGTTCGTCGCGGTTAACTACTAAAGATGTCCGA  
GTTGGTATATTAAAGCTAGCCTTTGACTTTTGGTGAGTCTCTATACATGGATC  
ACTTGAAGTTGATGAGAATTTCGAGGCAACTTATTGGCACCATCGCGATATCGC  
TTTCGCTACTCACAGCTTCCGAGTTGGCATTAAATCAGTCAGGCATTGCGTGC  
GGGGGTATGATCGCTTCGTACACCAACCAAATCTGAGTATTGCGTATAGAG  
TGTGCCGAAATTGGGTCGACCGCGCTTTCGTGAAGAAATGAGGGATCAA  
GATTCAAGGGATGTAAGAAAGTTCAGATGTTAGGCAAGATCCTGGTTGGG  
ATGAGTTGGCTCGAGCGGATGATGGAGTTGATATGAGGCCTGATAGCCATTG  
GGAATACTCTGATAGCCTATCTCATAGCAAAATCTTAAATTATCTTGTAGGC  
AATCGGGATCTAACATGGCTGGGCGGATGATAGGAGAGAGTGGATGAGAGGC  
GGGAGACGTGTCACCTGTGGCTCGTACTGGTCTACTCAAAGTTTGACT  
AGGAGAGGTTATGACGACTATCCTGAGTGAACGCCAGGGTCCGTAGACACTCA  
AGACCTCGTTGCGCGTAGCGCCGTTCAAACCTACAGGGACAGGTGCCAGTTG  
AACCGTGGCGACGGTGGGTTGAGAACATCTCGATGTA

>CONTIG\_232\_length\_1915\_cov\_17.252237

TAGGGAGGATCCAAGTAAATTAACTTGGCCTCTTTTCCGATATAAGGCATGC  
ATTGCAAGCCAGTTGTCTGACCAGACGAAACTATTAAATTCAATTGATGAGCTGCTT  
TTAAGCCTTAATCCCAGCTTATGAAAGTCCGACCTCTTTCCAGAATGGCAG  
ACTCTCCATCTTCCAGGGTAACTAAGCGTTACACGTGCCCGACGGTGGAAAGTG  
AAGGCGATAGCTCGATGTTGCAGCGCGAGAGAAGCTCGGCCGCTAATTCTTTT  
TATGTAGTCCGACAGCCATTTCAAAAAATAGGTAAACCAAGGTACAGTCATCATACTG  
CGCTGTCGAGATAGCGAACGTTAATTGTCGATATTAAAAAATTGATGTGGAG  
CTGGGTGTTACGAGATATCACCCATCGCCGGTTAGTGTGAACTAATTCTTGTAGGA  
TTTTAACAAAGTTATCTATATTGCCGGAATTCCAAAAGACTTCCGAGAGTGTCA  
TATAAGTGCAGACATATGTTGCCTTGGCTCACGGATACATCTCGCCCCCTCC  
TTAACCTCTCCTGAACTGCCGCGCACATAGCTGGCACTGTCACCGCTGGTTGAT  
AGTGGCCTAACGCTTCGACTTGGATCTTCCGGTGGTCCCGGATTGTGCACGT

AGTTGTCTGCAGAACGGGGCTTCTTGTGAGCGCATGACCAGTGATGAGGGCGA  
TGTGCTCAACCCTCACGCCCTTGGCGTCAGTTCTGTGCAAGCGTGTGCCGAACG  
CATGTGATCCGATGCCTTGCAGCCTAAGCCTCAAGTAGGCAGCGAACTGGT  
TGACGAAGCCTGGCTGTAGGCCATTGGCTCACCGCTTGCAGGTGCCAG  
CCGACAAGTTGGGAAGAGGCGGGTGGCCAGACGCTTGATGTCGGCCAGGAAG  
TCGAGGAGGCCGGCTGGATGAGGCTTGGATTGGCACCTGCGGATTGCGCTC  
CTGCCTTGAGGCTTGCCGGTGCCTGCCGGCGCTTGCGCCAGATCTCGTCCA  
CGGTCTCTGGATCGAGAACGACACACGCCCTGGCTTGACATGTCGGCCACTT  
TGAGCTGCGCATCTCATTGATCCTGGCGCCGTGTAAGGGCAATGAGTGGCACC  
ACCAACGGTGCAGATACTTCTGGCCAAGGCAGGAAGGTCTGGGGTTGAAGATC  
TTCTGGATTCCTCTGGCGAGAGCAGACGCTCGGGCTCGTCTGATCAGTCAGGAGT  
TCTTCCTGGCCGGCTTGAACGCATCCATTGGGAGTGTGGATGGCACGCGCCTG  
ACCAGGGTGTGAAGAACGGACGCGAGGAAGGCCGATGCAGTTCTAATGTGGCATT  
GGCAGGCAGCGCCGCCCTGGCGTTGACCCCTGGCGATCAAGACTTCGACGCTCAA  
TCCCTGATGCTTGGGGTTGGTCATGAAGTCTCAGGCCAACGCAAGCAGATCCA  
CATCTGGTAGATGTGCGTGTGCTCAATGCCAACGGACGTGTTGCCACTCACGCG  
CTGCAGGATGGCAAGCGTGCAGCGATAAGCATCAATTGTGGTGGTGCAGAGTTCT  
GCCGCTCCTGTCTTGAGGAAGTCGACCTCTCAGAGAGGAGTCGCGCCGGGG  
TGGCAAAGGCAGGGCTCAGGATAGCGAGTCCGGATGGCGAAGTCGTCGAGC  
TTTCATGATGGCGTAGGTCGCTTGAAGGTGAAGCGCGCCGGCT  
CGGTCTGAACGACCATATCTGAAATTGACTTGCAGATGCGAATGCTCGGATG  
GATAACTGACCTTGGCTGTGCAAATATTGATG

>CONTIG\_233\_length\_1882\_cov\_15.211966

CCTATAAGCAGAGCATCAACCAGCTGCGCGGGAGCATGGCGAAGCTGCAAAACACG  
CGCGACATGTTGCCCGCGCTATCCCCAAGTGACCAATGACGCGACCTTCAGCAG  
CTTCAGCGATGGTTGATCAGTGGCAATCGCAGGGCCGAGAACGTGGAGGACGC  
CCTCTACAGCGGCCGCCGTGACCCCTGGACAGCACTAACAGCAGTTCG  
AGACGATGGCCAGGCCTCGCAGTCAGCGACAGGTGCCCTCGCTGCCACGCAGGCC  
GGTAACCAGATCAACATGCTGGCGCCAGGAATGATGAAGCTCAACGCACAAAC  
GGCGCGATGAACCAAGCGTGCTTGAGGAGCAGGCCGGCAGATGGCAGGCATC  
GCCTGACGCAGCGGAACATGGAGAACGCCCTACGGCAGCGACAAAGCCTCCAGAAA  
TCTAGTGAGCCAGCTGCCAAACCGTTGGAGAGTGGTGGTGAACGCCCGTCCTC  
GCCTCCGTCGTGCTTGTGCTGCTGCTGCCGGCTGCACAGCGCAACCGATGTC  
GAGAAAGCAAAGCATGCAGAGCAGGCAGTCGCGGCAGGAAGTCCTGCGAAGCGT  
CGTTCACCTGTGAAGCCCCAGCCGTACTTCCTAACGCGTGCAGCGCGTTGATCGACACCACGTATGGAAAGA  
GCGCGGCCGACAACCTGAAGACTAGGTTGAATATGGCGCGCGCAAATGGCGATGCA  
GCACAAACGTGCATGCCCTACACCAGGCCAACAAACATCCGCCCGCAAGCCAAGCG  
GGCCGATGCGTTGCACCTTCACTGTGGAGCCGGCAAACCGGTTCACAGTGGTG

GCCTGATGCGCAGACCAAGACGGCCCTGTCACCAAGCAATAGGACGGATAGCGAT  
GGACCCGACTACAACCTGGCTTCCTCACACAGCTATTGCGAGCGTCCAGAATGTGTT  
CGCCAACGGTTGGATCATCACACCCCGCGCTCAAGCAATTCTCGGCACCCTAGC  
TGCAATCGAGATTGCGTAGCTGCACTATTTGGCGCTGCGCGGTGAGGACTTCAC  
CGCGCCATTCCCTCCGCAAGCTACTGCGCATCGGCTTGCCTCCTGGTGGCATCG  
TGGCCAACGTTGACCAAAGGCAGTGCAGGCCAGATCGGCTCACTAGC  
TGGCGGTGGAACAGGTGTGCCATTAGTCAATGACCCCTAGCCGCATCCTGATCAGGC  
AATGGTTGTATCAAGCCTATCCAGGACGAAATTGCGCGCATCCAAGAGGGCCGT  
GGTACCAAGAAAATTGCCGTGCTGGCGTTGTCTTCAATACACGGTTGCGGAGCTGT  
TTGTATTAGGCGCGTTTCGTCTAGCGCTAACCTGTTGCTCACGCAGGTTGAGTT  
CGCCCTTGTGCGCTGTATTGGGTCTGATCCTAGTGCCGTGGGGATCAGCAATCACAC  
AGCGTTCTCGCGGAGAAGGCCATCTGCGCAGTGATTGCACAGGGCGTCAAATTGAT  
GGTTCTGAGCTTCATCATTGCCGTCTACGGGCCGGTACTCAACACGTTCGCACTTAG  
CCCAGCCCCACCGTTGATGGTTACGTGGCTGCTGGCCGGCTCCCGCATTGTCATGGC  
AATCATTGCGGTGCATGCCCAAGCAGTGGCGGGTGGCTGCTCTCAGGCTCGCCGTC  
ATTGACCGCCGGCAGTGCAGGCCGGCTGGCAATCGGTGCCGGCGCAGCTGCGATCG  
GTGCCGGCGTTGGTGCCGCCGCTGGGCCGATGGCGCAGCCAGTGCAGCCAAG  
ACCATACCGCCGCTG

>CONTIG\_234\_length\_1877\_cov\_20.917714

ATGGAACCATGATTGCCCTCGCCATCGTTGACGTGGCTATGGGTTGAAAGCGC  
GTCTCGTATTCCCGCGCGCGCGCTGGGGTCTACTGAAATGGAGAGATTATGAAG  
AACGTTGTCAATGCTGCCCGTCGTTGCTTCGCTTCGCTCCACCAGCGCCAAGGTCA  
GGCGCATCCACCCCTGCTCGCATCGGCGCCGTTGCATCCGGTACGGGGTCGCT  
GGTGCCGCAGTCGCTGGCGAGTTGTCGACCGGCAAGACTGATGTGATGTTGGTCATC  
GGTACGTGCGCCCGCATCCTCGGTGCCCTCATCCTGTGGGCCTACGTGAAGCGCG  
CGCTAATCGCTTCGCTCCAGGGAAAAAGTGGAGGGCGCGCGAACGTTGCC  
CTTTTTTTAGGCAAAAGGGGGAGTTATGGGCTATTCATTCTGGTGGCAATCTGG  
GCGCAGTCTGGCTCGCATTGAGGGGCTGTGATGCGCTGGCTGCACGTGTTGCG  
ATCAGCTGCGTAGGCGCGTGCCTATGCCATCGTCGATTGGTGTGCGCT  
GGTCTGGCAATGCACGTGCAGCCAATTGATGATCAAGGGCGCGTATGCGCG  
TGCATGGCTGCATCAGCGGGCATCCTGGCTATGCCATGGCGCCAGTGACGACT  
AACTGCGAAAAGTTGGTACTGGCCGCAGTACACCTGTTACGGATAACAAC  
CGCGGGCAGATCATGGCTGCATGGCAAAGACCCGTTTACATCTGGCCGCTCG  
ATAAATATTGCAAAGATCGAAAGAGCGACATAACGCAATTCCAGCCATGAAC  
TCTAGCCAGTGCTGGAATGGCTCGAAGTCAAGTACCGGCAGAACGGCGAC  
AACCAAGCACCGCAGCACCAACGGCGCGTGTGCGATCCCGACTATAAGAAGAAGT  
GCCCAACCGGCTCGTTCTGGAACGGCTACATGGCGTGTGCCAGCCTATTGAA  
ATTGCCAGAGGGCCAGGTGAAGCAGGAGGGCGTGTGTAAGCCTGAGAATAA  
GC CCACAAAGGCATGGTCGCCGTGCAGGCGTCAACGCCCTGGTGCAGG  
CACAGGGAG

GCTCTATTGCGCACCTGAAAAAGAGGAATGCCGCCGGCACGATCATGTCGCCGT  
CCGGCAAATGCTGCCCGGTGAGGGTCAGTGCAGGCCGGTAAGCACCTGGCAAA  
GATGGCACGTGCAAGAAAGACAAGGATGGTACGGCAAGGGCAGCAGGAAAGGC  
AGGGCGAAGGCCAGGGTGGTAAGGCAAAAAGATGAGGCATCAGGCCGTAAAG  
CTGCGAGACGCCCTACCTGTAGCGCAGCGCTATCCAATGCATCCAAGTGAAAAT  
TCAGTGGCGATCGACTGCAATACCGCTGTAGTCAGAACATCAGCGAGGCCAT  
GCACGGCAGTCCGTGCACCGCAAGGCATGCGATGCAATGGAGTACGCACAG  
TTGATGCAGCAGTGGCGCTAACATGCCCTCGAAAAGATGCCAAGGGAGATA  
CGCAGGCCAGTAATAGCGATAAGAATGGTAACGGCTAGCCGACGTGCTGAAG  
GCATGGTACCGTCCAGAGGTGGCGATGAAAGGCTGACATTGAAGGCCATAAG  
AAATTGGGATTGACTGTCAACTGATAAGTTGGACAGGGACAATATTTGGTCC  
GGCTCATGTCCGGAGCCTCCTAGCTCACGATTATGGCAAGACGATCAGCGGTGCC  
GATTCCCCTATTCTGCCAGGCCGTGCAATTCTAAAGCGTTGATTGGATCTCG  
GTGTGTATACGGC

>CONTIG\_235\_length\_1876\_cov\_26.930246

ATATTCTCTGGTCCCATGATCAATCCTTCTTATGCCCTGGCATTGGAAAGAG  
CGTGGTCGGATCCCTGCATATCTGGCTGGTATCCCAGCAGCCTCCTCGGAATTG  
GCTGCAGGCAGTAGCTGAAGCGATGTCCTGAGCACGACCATCCTGCGCGCA  
GCTCTCCAAGTCCTGCCCTCCTCGTTGCATCGCTTCGTCCAACGAGCGGTGG  
CTGAAGTCTTGGCTAGCGTTATTCTCAAAACCTGCCAGTAGCTATACCGCA  
TAGCCCTGGTTGCTTACATGTCAAAGCTGGTACGCTTGGACGAGCAGGTGAGCA  
ACGCTTGGCTAACAGCTTACTCCATCTCGGTAGGGTCTGCCGGTTTCAGG  
CCTTGCAGTGGTTATCTCACCAACGCTATGGACAAAGCCAAGGCTATGGCACTT  
CTTCATTGGCATCTGCCTGACGTGCGTGCCTGCCCTACTCGTCTACTCGCTCATCATT  
CGGAACAACTGAAGGAGCGACCCGAAACGTAAGTGCCTCACGCTACTGCTTGC  
AATGACTGTCTGGCTACTACGAACATGTAATGCTTGTACTCATTATTACGCCG  
ATCCTAATGTCTATCCACCTAGCGTTAGCCAATTAGATGCCTAATTGGTAGCGCC  
AGCGAACCTCATCAGTTGACTTCTCGTAGACCAAGCAAGCAACTGCCCTAGAA  
CTCGCCTTACATACACCGACGTTCACCAAGATTGGTTGTAGAAGACATCCTTGC  
TGGCGTCCGCAAGTGGCGATGGGATTGGTGGCAGGACATACGGAGTGAGCGCA  
AATTTTGCTGATCTTAGATACCTCGTAACAGCGACCGGGAGCGAGCTCCATATAC  
ATAAAACACTCCTTATCAAGTTAGCGTCTGAGACCAAGCAAGCAACTCGCCCTAGAA  
CCATACTGATCCCGCGTCTGAAACGCTTGTAGCGAAAAGCAATTAAAGAGATC  
CTTGAACTCACCTGATGGAAATACGGAGTCCAATTGCGGAAAACCTCATAGTT  
ACCGGCTTACCCGGATCATAGATTACCAACTATTCCATGGCGAGCCCTGAA  
ATTCCATCTTCCGCAACGGCGCTGTGCAGAAGACAGCCAACAGCAATTGTAACCGC  
AAGACCTTGTGCACGCCAACATTACTGGCCTCTCAAATAAGCACGGAATTCAATT  
GCAACCTGATCTACAAGCGATAAAATCTAAAGCAACCGACAACAAGGAAGAGTCC  
CCTTGACCAAAGCATAAAGAGTCCCTGGTCAACCCTGTGCAACGCACCGATTAA

GCCAGTGAAACTACTGACCATCGATCTCCGCAATTGCTTCTCCTTTTCAGAAGTC  
CTGTTTATTTTGAAATATGTCATGAGGCACGTTTACCATAGTGACCCAGGCTCC  
CACGTATTGTCGTCTAAGTGATCGTGTATGGCGATACGAGAATTGAATCGACCAA  
CACGCCCTTGACAGCGACCATCTTAGCTGCAAGAGAATTACCCATTACACCTT  
CTCGGGACGAGGATCTATACCCAATAATCCCTGGCTCGCTGAATTAGGTT  
GGTGGATAGGTAGTAGGTATCACCAGAATAATAGTCAACAAATTGAGCGCACGTGC  
CTTGATCGATGAACTCGGACATTGTCAACCTGCTTACCTGGCTAGGGGGACTA  
CCAAATTGCACTCCGCCCTCACATAGAAATTGTCTTAAGCTGAGACTTTCTGA  
ACATAGAGCCCTAGCAGCACTCTCGCTGGTATTGAGCGGGCCT

>CONTIG\_236\_length\_1874\_cov\_22.532341

CGCATTGACTATGCGCTCGATCAGCCCACAAAGCACGATGAGGCCACGATTGGCT  
CTCCGACCACATCAGAGGCAAAGCAAGCTACGGGTCTCCTGTTGGCGAGGAGATCG  
CGGCGCTCCTGCGGAACCTCCGAACGCACATCTCCATCTTGTGCGGCCAACCGCT  
GGCTGAGACCACGACCGCGCTTCCTATCGCTCTCCAAACGCCGGCGATCAAGC  
TGGTGCCTGCGATCCTGCCGATCGGTCGTCGGACCCGAGCGGGTCTGGCTTTA  
TCGCAACCGAGGTCGCGTCTCACGCCGCTTGGAAAGGCTTACGCCACACTGGC  
TTGTCCTGGCTACGCAACGATCACGTGTCCACCGCCTGTATTCTTGATACGCA  
TCGTATGCCCTATACAGTCCAGCTGGAGGGGCCACGCGTGCCTGGGGAAACACTGA  
TCTTCGGTGCGAAGTCGCAGATGAGACACTGGCATCACCAATTCTGCCATCGAA  
CCGTCGCGCTTGTGCACTGCAACCTAACAGCTACTGGTAGGTCTAAGCTTGAACG  
GGCGTGCATCAATCCCTACCGCACTGCTCACCTCCGGACGCTGCCGTGAGCGC  
AGACATTAACTCAACCACCCATGCAACCTAACGCTTGATGCGCAGGCGCTT  
GGCCTGGCAATGCAACTCCTGTTCAAGACTGACCGCAAGAAGTTCAGTATCGCAGC  
GGCTTATGTGTGGCTATGCCCTGCAATTGCGCTAGGCCAGCTCGTCACGATTGAAGA  
CGAAGACGGGGTCTGGACCGGCTACGCCATTGGCTATCTGACGCCCTGAAACCG  
CCAGTCATTGGTCTGCAAGATCCGCCATTGCGATTAGCGACTGGAACGAAAG  
GTGATCAACTCTGGATCTGGATTCTGTTGCTATGCCAGGGCATACCGACGCCCTGG  
CGAGAGCACTCCGGCATCGCTTGCCTCGCCCTCACTCAAGCAAGCGTATCGCTGGTGC  
GAGATAAGACGGCGCTATGCTGGAAACCAAGACTCACACACTCGCAAAGATGGC  
TGAGGAAGACACGTTGCTCCTTGATACGAATGGACGAACCGAAGCGACAAGGCAG  
TTGCAGCCTATGCAAGTGCACATCAAGGTCGACCAAGGCCTGGACTGGATTGG  
TTCCTGGCTCGGTTCTGGTTGCCCTATCCGCTGATCGCAGTCATCGGTGCCTGGCTTGGACCGCAC  
TTCCCTACTCCCTAAAATCCTATGGGCCGCCATCTGACCAACGTCGTGCGCCGG  
TCGTTGGAAGCACCATGTCGACCGTCAAGGCTGGATTGTCTTGTCTCGATCATGG  
TCGCCATCTCTCCTAGGCCTGTCCTGAGCGTGTGCGCTGGCAGCCTCCGCTGAT  
TGCAGCTGAGCTGCATCGCAGCAGCCTTGGCGGTGCGACCCCTGGATGCCTCAGTCGA  
TGCAGCTGGATCGAACAAAGAGGGCAGTGCACCAGCAGCCAGCCAAGCTCCTCACTG  
CCTACCAATTGGCTACCGCATTGCTACTGCTGAGCGACGGTCTGGTCTTGCT

CGCAGCGGGCTGCTGGCAAGTTGCTTATGCACTTCTGCTTCCCTGATGTTGGTG  
CCCATCTGCGGAACGCTCTTCTGCGATCTGCCCGATAAGCGTCCTCACCCAGGT  
CGCACGAGTGCAGAAGCAGGGGGCTCCGTTGGTGCCTCGACCCTCCACGCT  
CCAAGGATGGATCGCGTGGTCTCATCGGCTGCTATGCCTACCGGACAT

>CONTIG\_237\_length\_1854\_cov\_6.641575

GATTGAGGGTCTTCGCGTTGCGACTGCACAGCGAGCAACCGCATCACTAAGG  
CCATAAGCCGACAAGCCACACCCACAGCAATATCTGGATGATCGAGTAGGCTCGT  
GAATGTTCGCGCCCGAGATGATCTGGATCTAGTCATTGCTGGCTCCAGCTGCG  
GAAACACCTGAGCCGGCCGGAGCTCTGAAGATCCTGAGATGGAAGTTCAACATGA  
GTTCCAGGACGCACAAAGCACACCTGCCGTGTGCTGTCATTGACCTAACATCCAA  
GCAGGGCCTGCAATAGTGAGTAACGCATCGCGCAGGGTCATAGGGCCCAATTGCAG  
GTGGGCGGCGGGCATTGGGAGCGGGTAGAGTTCAAGGGCGCAGACCCCTCTCAC  
ACATTGGTAGCCACTGCGGTTGAGAACGTGGCGTAGGCCATGCCAACACTAGCTC  
TCGCTTCGTCTGGCATCCGCACATCGATGACCTGCAGCAGTAGGTCACGCTGTGCTG  
AGCCAGGGACAGTTCAACCAGGGTAGCGCCCATAGCGGATCACTGGAATCAAC  
TCCGGATCGGTCTGGTCGCGGGAGCGATTACCTCCTCAGTAGGGGTGGCTTAAC  
TCTGAAGACGTAGTGGCGAACCAACCAAGAAAAATGGCAGCGACTACCAGTCCACA  
GCCAGCCAGGAGTGAGGAGCAGCAGATGTTGCATGAACCGGCTCCTGTTGCAGT  
AAGCCGACACCTCGCTCGAACAAACAACACTCAGTCAGCAAAGAACGAACTGGAG  
CTCGCCATTCTAAAGATGAACCGTGTACTCAGGCTGTCTCCAGCAGGAGC  
CTTAGCAGAGGACGGTCGTAGGGATCTCGTATGACTCAAGCTTGAGCCGATCCCA  
CTCGTCCTTAAGTATTCTGAGCTTGAGATGACACTCTGATGGATTGCTTAAAG  
TCCTTCTGGATTAGCTCCGGCGACTCTTGCTTACGGTCCGTTGGAATCTGATTGTTG  
TTGCTTCCAGACTTCCATGAGCATCTTGAGATCTTGGTGGTCCGATTGGTGTGATGTT  
TAGTCGCACTGCTATCCGCAGTTGCAACTCCAATGCCCTCATTGCATCCGGCAAT  
AATCAGCTTGAATTCTTCAGGGGCCATCAGATATCGGCTATGCGCTCCTCGCT  
CACGACTGCATCCCATCGATAGGAGATCTCCTGCCATAGGCATAGGTACTGGAAAT  
GTCCTGACGTAGCTCATCGATCCAGTTGCTGTTGCTGAGATATTGGCGATTGCA  
ATGCGTCGCGAGGGTAGCTCCTGCATGGAAATTGCTCGCTCAGCGCCAGCTCTGT  
TGCAGGCCTGTTGATGGCCAGCTTAGTTGGGCTTGCCTGCCCTGCTACCA  
GCATTGCGTCGATGCAACAACGGCGCAAATATGGAAACCATTACCGCAGCG  
CTTGCATCCATACCTTGTGATGAACTCGCATTCTGCATCGCGCCTGGACAATCC  
TTGGATCGCAGCGAAATCATCTGGGCTCATCTTCCATTGAGAGTAAGCGGCG  
AACGGTGCAGGGATTGAGGCAGAGAATCTAGTTGGCAGTTAGTGTCTTTATT  
GGCAAGTTGGCGATGCTGCCAGCCATCAAGATCGAACAGGCCACGCTAAGATAA  
GATATTAGAAGCTTACTGCGGCCAAACACAGCTGCTCGATGACGTGATGGCCTT  
AAAAAAGGCGTCTCTGCCAGACTCATACTCCGTTGAAAATCCGTAAGCCAGACTT  
TACGAGTCAAAATTCCGAAGCATTGGTCAGTT

>CONTIG\_238\_length\_1842\_cov\_8.318367

CTTGGTGACTTGGCATACCACGTCAAGAGTTACCTAGCAATCGAGCGTGGCG  
TGCTCTGCTGATCAGAAACGGATTGCCGTGCTACGCTGAACGGTGAATTGGC  
GTCTCGGGATGCCAAGGTAGAACCTCCGCCATGGCTGGTAAAGCGCGTGTGCCG  
GGGATTGATCAAGTATCTGCGTAGACTGACGAAGTCTTCGATCGATGATGGCAT  
TGCCTCATCGCGCTGGCGATGACTTCAAGTGCTGCGTAAAAATCCGTCTCGA  
AACTTCCGCCTGCTGATATTGTCATAGATACTAGGCCAGCTAACGCTGTT  
TTCAAGATCAGCGAGCACTCCGCTGCTGGTCTCCATACTGCAACCTCACG  
TATGAGAGCTAACCTGCAGGACGATCGATAACTACACCAGCGCCGTTAAAAAGAG  
CAATTCCGTAATGCAGTTGCTGACTGATGCCCGCTTGCAGCCGCATACC  
AGCGCGCCGCTCGCTCTCAGACTGATCGACCAAATACCAATTGCGTAGCAAACA  
GCAAGCGCATACTGCCGGCGCAAACCCCAACTTGCGGACTGGCAAAGCATATC  
AAAACCTCTTCTCAAATTGCTGACACTTCCTGACAACACTACTAAAGGTCGA  
AGACAGAAATAAGGCTCTGGATTTCCTCTTCACAAGAGGCGCTAGCTTATAGTA  
AGCTAGATCATTGTTCCGACCTCCATATCTTCTTAGCGTCATTGATACGTTGCTGT  
ATTCTTACTATCCATGGGAATAACCTGTCACCCCTAGGGTCAGTGCAACGGCA  
CTGTATGTGATGAGTCGACTTCGCGCCAAGATTATCTTGGCATTCTCAGCCATT  
CGCTTAGCTCGGATAGTGTGGCGCACGCCATATCCAAAAGCAAATTCTGGTCG  
TCAATAGAGCAGTTATCGCGCTTCCGTCGCGATTGGCGCAGACAGATACATGTA  
TAGTCCCTCGAACTCTGCTGGATATGGAACAGCATTGTTGGAGGCAGACCTA  
TCACCGGATTCTGCTGATCCATCAAAGGGCACGAATTCTGTGGTGGGTAGGTCA  
TAAAGATCAGTGCCTGGCTGCTGCTCCTCCCAGAAAGATACTCATAGCCAGCATTG  
AAGCCGCACCAATGGCTGCACCGCCAGCGCTGCCACACGAGTGGATGGGAGG  
CGGAAGCCCAGGCAGCGGAATTGGCATAGGCACTGCAATTGCCGGATGGTCCG  
TCATCTGAACTGGTGACGATCCAACATATGCATATGAGTTCATCCCCAGTAAGAC  
CAATAGGGTCGCTGTGCATAACGCCAGTGGCAGCGTCATAGTCACGGAAGTAG  
TTCTGATTAGCCACTGGCTGCATCGTAGCGTTGCCCTGGGAAGCGCATATCGAAG  
ACGAATGCTGCCATGCCATCAGGGCTTGATTGGCGCGGTGTTACCGAATGCT  
TCGCCTTCAGACTCCAATTCAAACGCCACATCGCGCGCCGGTCGATCACAACA  
CGCAGGGCTTCCAAGTGATCGGCTCGATGTAATGCAACTTCTCGATCAGTCAGC  
AGACCAAGCGCAAGTCGCAACCAAATTGCCTGCTGCCCTGCAACGCCGTTGGTA  
TCGTAGTCGCCTAGGGAACCTCTGAACAACGCACCGCAGATAAGCGACACTACCC  
CATGTTGAGGAGTGATCCATGCAACTGACGTTGGTGACGCTGAGGGCCTGGCAA  
GCGCAAGCAGACTGCCGGGAGA

>CONTIG\_239\_length\_1837\_cov\_50.571345

GAACAATTCTGCTTCGATCAATTCACCGGGCAGTGCACAGTTGAGTGCATGAA  
CGGGCCGTTCTTGCCTGCGAGTTGGCCTGGATGATCTCGCGATCTCCTGCCG  
CTGCCGTGGGCCGGTGATCAGCACCGGCAGGTCCGAGCGTGCACCTGGCAGGC  
GAGCGCGATCGCGCGTTCGCTGGCGGGTCGGCGAACACCCGCCGCGCAGGTGCT  
AACGTTGGTCAGCTCGCACCGCGCGCTCGCGGGCGTTGAGTT

CGCGGCGTCTCGGACAGTTCCAGCAAGTTGTTGACCGTGGTCAGCAGCTGGTGT  
CGTCCCAGGGCTTGGCGATGTAATCGGCCGCACCGGCCTGACCAGGCCACGGCG  
CTACCCAGATGGGTCCAGGCAGGTGAGCAGGATACCGGCAGATCCGGATGGCGCTG  
ACGGATCTGCGGAACAGCGCTTCGCCTCCTCACCGGAGGTGGTGTGGCGGTGA  
AGTTCATGTCCCTGGATCACAGATCGAACCCCTGCTCGTCCAGCAACGCCAACCGG  
CCTGCAGCGAATGCGATGCCCGCGTCGATGTCGTGCAACGAAAACAGCACCTCC  
AGCGCGGTGGCACGGCGGTGTTGTCGTGATGATCAGGATTGCGGCATCGGGTGC  
TCGGTCAAAGGCGCGGGAGAAGGGCTATCAGAACAGGATTGGCACGCTGCGGA  
ACGGGTGACGCGTCGCAGGTGAAGTGTAGGGATGCCTGCGCTGGTTGACCGCAC  
ACAACACTGCCTTGGCGTAGAGGTCGTGCGGTTGGCAAAGGCGCGGTGATGCA  
GGAGGCTTCGTACGATGGTTGACCTGCCGACCCAAGTAGTCCGGACACGTGCAG  
GTGTTGCAGCCTGCGGTGGCAAAGTTGTCGGCGGTGCTGTATGCCTCAGCGAAGGAA  
TCGACGATGCCTGCCCTCAGCGGTCTAGGTCAAGGTCAAGGTCAAGGATATCGAC  
GCTGGATCGCGCTGGATCTGCCCTGGCAGCGCGGCCGAGTGGCAGGCAGGGT  
GGTACCAATTGCGCGATCTGTGTAAGCGGCTTACCGCCGCCACATCGCGGCG  
CATCGCCCCGACGATGTGCGGAGATAACATCACCGCCTACCGCGTTGCCACCGCCGG  
GGCACCAAGCGCAGCGCGGGCCAGAACACCGCGATCTGCCGAGTGCCCA  
CAAGGTGACTGCGCCGATCGGGAGATAGATCAACGGCAAGCGTGGCAACTCGAAC  
GCGCCATCAACCAGAGGTTGATCGAATACGCCATCAACATGCCGAGCACGATGCCG  
ATCGAGGCGAGCAGGAAGTTGATCTGGAAGTAACGCAGGATCTGCCCTCGTGT  
CGCACCTAGTGC CGGGATGCCGATCTGCTGGTGC GTGCTGCACCCAGAACAGCT  
TGCAAGGCCACGATGCCAATGCGGTGACGATCAGCAGCGCATGCTCATGGTGA  
CCAGCAGCCAGGCCATGGAGCGGGCTGGCGATAATAGCTGCGCATTCCCTCTA  
CTGTTGTGGGCTCTGATGATGCGGTTGGAGCTGTTCTCCAGCACTGCGACGG  
CCTGGCGCAGAACCTCCTGTCGCGCCGGATCGGTGCGTAGCAAATACATCCCGC  
CATCTTGTAGCTCACCTGATCGGAGACAGCATGGAGTCGTGATGAGGAATCGC  
CGCCGTAATCGAGAACCGCGGCCAGGTGTTGACGATTCCAACGACCTGCTGGGT  
GTCGGTCCAATGTAATGGATTGCCAGTGC

>CONTIG\_240\_length\_1833\_cov\_115.287808

AGCGTGTAGCGCTATTGGATCCAGGCAGCAAGCCTGGCCACTGCTCCTGGTC  
TTAAACGCCACATCAATAATTGTCCTCACCGGACCAACCGTCCCGCGTTGATA  
CTTCCGCCAGCTTCAACCGTGCCAGCAAGCACAGTCACCGCTCGTTCATC  
ACGATCACCTCGCGCAATGCCCTCATGACATCGGTCAAGGTTGTCACTGCATTGCA  
CCTCTGAGCTCGAGCACGTGAGCCTCTCGCGTTGCCAGTCCACCTCATGGG  
TACTTAGGCGCGAAAGCGCTAGTGAGTGCCTTATTGCCCTCCTCAGTAGATGCC  
GCAGCTGGTCCAGCAGCGGACCAATACCTCACCTCAAGCACCTGGCGCCGAATGT  
AGTCACTAATGGTCAACCCCTGCATGGCGGGCGCTGCTGAAGCGTGCCTCTGCG  
CAGCGTCATCACGACCGTGATGCGTTAGTACCGTTGGCTCGCGGGTAAGAGGG  
GCAGGCATGTGGCTCTGGACGCGCTGTTTATCATAATCAGCCGAAACAG

GAAACGCCATGGCTAGAGGGCGGCCGGTATGACGCAGAACAGCATAATTGGTA  
ATCGGGCGCACCCCGTGTGTTGCCGCCGTTTCGAGGCCCTGGCGCAAGGCATT  
GATGAAGACGTGTCGGAGACGAAGACAAGACAGTATTGCTGAAACTGACGGAAG  
AACAGCACAAGCGCCTCCCGTGCCTGCCCGGAAGCCAGTACCAACGATGAACGGG  
CTGGCAAAGCTCGCGTGCCTGAGCAGCTAGCAGCTGAGCTAAGAAGAAATGCGTG  
CGGTCTGAATTGGGTGCATGAGCAACAAGAACAGCTAGTCCTGACCGTCA  
GACCGGATTATAAGTAACGCTCCTGGCAGCTCAGAAAATCTAGGTCCGCACAGTAG  
TCATTGCCAACAGGCAGTCTGTTCCCTCCCTGTGAGCCAGCCAAACCTGCTCAGG  
CGCCCCGGACCCGGGACCATCGTCCCAGGCTCCGGCAAAGCTGTTGCGTCTGCTT  
TCTGACAGCCCCTCGGGCGTGGTCACAGGGGTTGGCTGTGAGCCTACTGCCGAC  
AGATCGCTGATTGGGGTGTAGGGGCCCTACGGCAACGCTTACTCGCGCAGTGA  
ACAGGTGGCGCCGGCAGCAATGATGATCCGCCAGCACGTCGCAAGATCCCACAT  
CACTCCCTGCAGACGCCCTTGCTCTGCTCAGCTGGTCAGGCGCGCCAAT  
GCACAGCTGCAGGAGCTGTCGCCCTCGTGGCACCTGCAGGTGGCCACCAGGCAA  
CGCGGCCGTCCACGCGTGAACGCCAGCGCGCAGCGCTGCCGTGCCGTGG  
GGGATGGTTGTATCCATCCCTAGCGTGGGAAGCGGTGGGCCACGGTGGCG  
GCCTGCCATGCCGCTCGTCCCCGGCTGTCCACAGCGTGCGCCAACGGCCGCC  
TTGACCAAGGTAGCGCCGTACCTGGTCAACGGTCGCGTGGCAAGCGGGGGCG  
AGCGGCCAGCTGGCGCCGGCTGTGCCGGTGTGCTCTGCAAGCGGAGCGCGCCGG  
GGCGAGGATTAGGGCCACTGGCGATGACCGCACGCCATCGTGCAGCAC  
CCCAAGCCGGTACCGCTGGTCACGCCCGCTGGGTTAGCCACATACGT  
GTAAAAATAGCTCACAAGCTGGATTGACCCATTGCATCAGTGAGTTAGCGGATAT  
TTTGCACACAAACTACACGACC

>CONTIG\_241\_length\_1804\_cov\_23.986285

CTCCCATTAGATCGGAATACCCCTGATGGTGTCAATGTTATTGATATCTGTGGGTC  
GCCGTTTATAGTCGGACTGCCAGTCGAAACCCATTACTATAGCTAGTGCCTGC  
TTCGTTACCTGTAGTCTGCACTGAGCATCAAGCTCTAATTTCAGACATCTGC  
ATTGAACCATCGCTATTGCATATAAGCATTATCAGGAAGCGAGCTGATAGAGTCT  
TTAACAAAGTAAATTGCATCGTAAATTAAACCAGAGCTGCAGACTCTCGCTGTC  
AATGCACCGAGAAGTTGAGGTCGTATTCCGGCGCTGCTGGAGGAGGTGCCGCC  
TCCACCTGGGGGGTTATGCCCTGGCTCAACTGGCGGAAGGGGAATAG  
TCGGAGGCGGACTCGGAGGTGGACTCGTGGCGGTTACCCACAATTGGTGGCATC  
TCAGTGGCGGCTACTGGATCGACGTCGCAGCGGCTGCCGTACTAGG  
AATAGCTCTCGTTGTCAATTCTCATTACAGCGCTCCATTGTGTGCGTTGACTTT  
AGATACGATCGTTTCTCATTGAATACACCACCGCATTCCCTCCAAAATTATTAT  
TGAAGTTTCGACTTATCATTGCTGGCTAGATTTGGCATCATCCACATCAGCGCC  
TTCTCAAAGGATCTAGGCTGCTCCTTAATCAAAGGCCTCAGATTCCGCTCACGAA  
GAGATACTGCATATCGCACATCCGAGAGAGATGTTCTGTCGTCAGGATGACTGT  
GGTCGCCGATGCTCCTGATGTTCTCATCAGCTGTATGCCCATCTGCTCATCAACG

CCAGTCGTTGGCTCATCCATCAACAAACAACCTGGTGCCTGTAGAAAGCCCTAGCG  
AGGAAGATCCGTTTTGACCGCCTGACAGCGTATTCCAAGTCACCGACTCTG  
GTGTTGAAGCCCATTGGCATGCCTGAATATCGTGGATAACGCCAATTGCA  
GCCTGCACGAGACGTTGGTCAATGTGCTCATCGAACATAGAGATGTTCCGAC  
AGCGTCCCCACAACAGATTGTCTCCCTGCATGACGATGCTGACCTGCTCCGGTAG  
CTCGACTTACCGACCTTGCAGATCCTCTCCATTGACTAAGAAGTCTCCGACTTGA  
AGATCTCAAGCCCCGAGAACGCGGATGAGTGTGGTCTACCCACGCCGAGTTT  
CCGACAATTGCAATCACCTGGCCTGCCGTGGCCCTGAGCTGCAAGGCCTCATGATC  
CACTTGTCCGTAGACGAGTAGCGGAAATAGCCGTTGGCAATGGCGATAGCGGGCGC  
AGCATCCTCCAGCGGCCGTTACCATGCAGAACGACTCAGGCTCGCTGCGTGAT  
GTCTGAAATGCGCTCGGTGTGCAAGCGAAGCAGCCGGAGCTGCATCAAGTAGTCGG  
CCAGATTGATGCTCGTTGGCTGAACTGTGCGTAGATCAAAAAGACCCTCAGCA  
CCCCGAGCGTCATATCCCCACTGAGCACCAACCGGGTGCCTCCAGATCACAAAG  
ATGCGGCACAGGCCTGGATGAGGAGCTGGACAGAACATCGAACCCGATGCGGATGCG  
CTCGGCTCCGATGGTCGATTGGGCTTGCCTGTAGTCGAAAGCGCGACGC  
CCAGAGCGCTGACTTGTGAACAGCTGATGGGCTGGATGCTCGGACCGTTCGTA  
GAGCAAGCTTGTGGCGTGCATCAATGTTGATTGAT

>CONTIG\_242\_length\_1787\_cov\_41.040361

ATGAGTGCTTAAAATGCAACGCCCTGGGCTGACTCAGGCAAGGCACAGGCTCT  
GCACATTGACTGAGAACGCAAGCTCCATGTGATGCTCGATCTGGATGAGCAGCTGA  
TCGATGTTGGCGATTGCCTGTCAAAGCGGAATACTTCTGAAGAAATAGGCAAGC  
GAGGGAAAGCGAGTGGCAACATCACGCATCTCATGCCGAAGAAGTGAACGATGCC  
ATCGGTGCCACGCTCCAGCTGGGAACTGCGCGGAAGCCGCCAAATCCAGGAAC  
GCGCGTCGATGTGATGTTGCGCTTGTGGCGTCCAGAGGCGATGCGCGC  
GACTTGCAGCAATCTGCTCGCAAGGCGCAGGTAGAGCTCAGACAAATCACGCC  
AGGCCATTGGGATTGCCGGATCGAGCTGCGGTGTTCGCTGGCAAAGTGGATGGC  
ATCTTGACCCGCAGGCTATCTGAAATTGATCGCTTGTGCGCTGCCTGATGTTCCG  
AAATACAAGCTGCGCTCGAAGTGCCTCAAGCGCAGGAAAGCAGGCTGATCAGAAAT  
GGCGCACCGCTCCGGCTCGTCGGCATCGGTGCGCTAGGGAGAACCGGCATCAA  
TGATGGCAACGATGGGACTGCCCGTGGGCAAGTCTGCGTTGAGGATCTGCTGG  
CGACTGCCTCGCAATGGCATCGTAAAGATAGAGACACCCATGCGAGTGTGACCAA  
TCATGGCCTAGAGACCAAGTGGCGTGGGCGTCCCTGGCATGAGCATGCCA  
TCGGAGCCACAGCGGCCACTCCCTCCGTGGATTGCCACCGCTCCACCATAGCGA  
TCAGCGCCAGTGTCTGCGCCGAAGCTGCTGGCAACGCACTGAGCTTCGATAGA  
GGTCACGGCAAAGCGCTCAAGCAAGGACGCTGAAATGCGTGCCTGAGTGGCGTGT  
CGTGGATGGGTATGCCTAAAGTCATGAAACCAGCGCTCATGAGGCCAGAGCAAATAA  
GCATCCGGCAGTCTCCACTGGAAAGGGCACGAGCATTGAGGTGCTACGCTGGC  
AAGGTTCAACAGGTTGGGTCGTCTGTCACTCCATGTCCCAGTAGTCATTGGGCAT  
TTCGCTCCTGTTGCAACTGTTGACTTAGCGTTGATCGGCTTGGTATGC

TACCAACCTGACGGCAATTCGTCTGCTGCTTGTGATTCCGGAGACCACGGGAG  
ACCACTTCTGCATGGACAGTCAGCGAAAAAGGGACACACGGCATTGCCATAATCA  
GATTGTACAGGTCTTATTCAATTGGTATAATTATTATACGTAAAAGAGGC  
CATGGTTGATCCAACTTGGCGAAAACAAATCAAAAGAAAATTAAAGAGCAAGAGC  
GCACTTATGGTTCTGCTTGCAGAAACCGTGCACCGCTGCGCGTGGTGCCTG  
GGCTTCGCCACCTCGTTGCCTATGCTCGTAGGCAACACGGCCTCTCAAAACCTT  
GTGATCAAGGTCTTCTGCTGTCGAGTCGCTTCTCGACAAGGAATGTTGTGCC  
GCTTGTGTTGTGCTCCACAAACAGGAGTTCACAAATGGCGATTATCACGCAACA  
ATGAAGTCTTCAGTCGAGGCAACGGCGACTCTCGGTGCGCAGCAGCTGCTTACCGC  
GCAGGGTTTGATCTGCTCGATATGAGCACAGGGCTGGCCACAATTATTCCCACCGA  
GGCGGTGTCGATTCCATCAGATGCTT

>CONTIG\_243\_length\_1774\_cov\_14.357620

ATCGCAAGCACGCCGACCAGGCACGCCAACAGGCAGCGGACAGGCAGCGTGCCTTACGCAGGC  
CAGGCACGCCGTCAAGCCGCCAGGAGGCCACCCAGGTCGCGCACGGCAATGC  
CCACCCAGCGGCACATCGGCCACGGCGACCCACCAGGCGCGCAGAGCGCCG  
TGCAGCACATCTCCGACATCCTGCCCTGTTCAAGTAGCCGTCGCCGGCAGGCTCGC  
CCCTGCCAGTAGCCGAAAAACAGGCACCCGCCGGCAAATCTGCCCGCACAGG  
CAGGTTAACGCCCTGCGGGGACATCGATCACCGAGCCGACCCCTAACGGACAT  
GCCCGCGCGAAGTTGTCCACCGTCGCGGGGGATAACCTGTGGGAAGTAGCGCT  
ATTGTCAACCTTAAATGGCAGGCCAACAGTCACCTATGGTTGAAAGCACAGTC  
GTAGAGCGCTAACAGCAGATCGCGTCGCCGCTGCGCGGCCGACAACGTT  
AGAAACCTTATCCAGTTGCGGGGGCTGCGCCCCCTGTCCTCCACGCCTACGG  
CGCTCCGGTCGCAACTCGACCCCCCGGAGAGGGCGCATCCGCCCTCTCCACCG  
GCACTGCCAACACTCCACACGACCAGGACGCAACCGAGGCAGTGCCGGCGGCC  
CTCACCCCCAAAGCGGGTCAGCAGGGATGATTGATAGGGCGTGGCGTGATCACA  
GCCCTGTACCGTGATCGAGCTCGGCCAGAACCAAGGGCACAGCGTCGCCAGGGC  
TAGGCGCAGCGATCGACCGAGCGCAATTGCCCTGGAACGCATACGAGCCGGGCAT  
TTCACCATGTAAGCGGCCGGTAGCCGGCAAACGTAAGCGGGCAAGGGCTGC  
GGCGATTGGCTCAGGTTGCTAACACTAGCCGATATCGCTGCTTCTGAACGAGA  
CTAGGTTAACGTAGCGTTAGATGAAACACGAAAAGGCCAACCGCTGGCAGGC  
AGCCTAGAAATTCAATTAGCTGGATGGTCCAGCGAAGCGTTGCGTAGAGCGT  
TCCCGGTCGTCTATGCAGTCTACATAGCAGCAAAATTGCGTTGGATTGTTGGATG  
TCGTGAAGAACATGCCCGCAGTATAACTCAATTGTAACAAGGGTTAGTTG  
GGTTGTTCGTGCATTCAACGAAACACCTGCTGTGGACAGCGCTCCCCCTGACC  
GGGGAAAGGAGCAGATTGAATTGCGTCAGTGTGCTTGGCAAAGCCTGTACATGT  
GCGCCGTTACTGGCGCTTCCGCTTCAGCGGTGGGAATCAGTACGGATGCATTGCAG  
GTCTTACCTAACCGGTAAGTGATACACAGCGCGTCGGCAACCGGCCGTTTT  
TTTGGCTTGCACCTGACCGAGGTGCACCCCGCGCGCGTCAGCGCCGACCCCGCC  
CAGCTCGACACCCACGCCGATGCCTAGGCGGGCGAGTCGTGTGTACGCCTC

GCCGAGTCCGCCGGCTGCGATCAGACACGGATCGACGAACGGCATGCAATCAACTG  
CAAAACTCACTTGCACGGAAGAAGAATAGTATTATTATTCTTCTTACCAACTAGGC  
CGCAGGAACCGCACATGGACCCGTCCAAGACGCACGTGATCGCATCTCAAGGCT  
GCTGATGCGCTGTATGACCAGGCCGGCGTGAGGTCTTCCCACCGTCATGCCGTG  
CGCAAGGCGGCTAAGGTCAACA

>CONTIG\_244\_length\_1771\_cov\_64.306569

GAAGACCAGCTTCGATCAAGAACTCAACGACCTCGGCATGGTTGTTCTCGGCTGCCG  
CTGCCAAGCCATGCAGCGCACATTGGATCTCGATGAAAAAAGGCAACAAATGCTTG  
ACCGCTTCCAAGTGGCCTTCCCACAAGCCGCGATCAGCGCTCGACTGCCCTGCGCC  
TTGGCATCTGAGAACAGGACCAATTGAAAGACCACATCCGCATGACCATGACGTGC  
TGCCTCATACAGCGCAAGTGAGTCGTGAGCAGAGGGCTGCACTTTGAGCAGGCG  
TTGACGCACTCGGTGTGCCGTGCCTGGCAGCAAGCACGAGGGCTCGTCATCCTC  
AGCCTCGAAAACGCCATGAGCTGCTCAACTGCCGCACCGAACCCGCCTGACAG  
CCACATCAAGCGGATAGACCGCAAAGACTTCGACAATAGTGGCACCAAGTTGATCA  
ACCAAGCTTCTTGCCGCTCGTGATGCCACATCAATGGCGTAGCGTGCTGCAGCA  
TCGATGTCACCCTGAGCCTGACAAAGCGACTGCACATATGCCCTCGCTCCCCGCTTC  
ACTGCCCTGTCTAATACTCTTCTAATTGCCCTGTTCCATTCTGCTCCCTTCCATTCAAT  
CTAAGGCCATCACGCCCTTCGTCAAGATCAACCGCGATGGCACCCATCGATTAGAT  
AGGCCGAAACTGAACTCACAAATCGTCGATGTCAGGAACATGGCCTCGTAGTCAC  
ACGCAATGAGCGTGCCTCGTCCTCGATACGTTGATCGCAAGGTCACTGACCC  
ATTGTCGAACTCGAAGTCACTCTCGGCCACCGCATCGATATCGCACTGGAAAGTG  
CTTCTGGGCGAATTGCTCAATCGTTGCCAGTGGACGACTGGACGGTGCCGT  
TGATCTCGATGGGTATTTCATCTTGCTCTCGTGTGGCGACGTGCCAGCTTCGG  
AACGCAATCTATGCATCGCAGCCGATCGCTAAAGGACGAAATGCCAAGATCCCT  
GAACATCCATTCATCCGCCGCCGATAACGCCAGCGCCTGGATGCACCAGGCAGCCA  
ATACGTAGGCGCTAACCGGCTTCGTGTTCTTAACCTTGCGATCCAGCCAT  
GCCATCTGGATGCATAGACCGTCATCAGATGAGAGCGGTAGGCATTGCCAATGC  
TTTTCTGGCATTGACCGCCAAGGCAGCGCCAAGGCTGATCGATGGTCAGGCC  
AAGATCGTTGCCCTCGCGTTGAAAGCTTCTCGATCACACTATGTCGAGCACCGTG  
ATGCCCGCATGTGAGATCACGCTTGTGATCTGCCGCCACGCGCGGATCACATG  
AAGGGGATGCCCTCCCGCGTTGACCGAAGTTGCCGAAATCGGTCTGGATCTGT  
TCTTGAGCTTGGTACTGGCATACACGTCAAGAGTTCTACCTAGCAATCGAG  
CGTGGCGTGTCTGCCGATCAGAAACGGATTGCCGTGCTCACGCTGAATTGGTC  
AATTGGCGTCTGGGATGCCGAGGTAGAACTCCGCCATGGCTTGCCTGAAGCGCGT  
GTGCCCGGGATTGATCAAGTATCTTCGTAGACTGACGAAGTCTTGAATCGATG  
ATGGCCTTGCCTCATCACTCGTCGCGATGACTCAAGTGCTGCACGGAAAAATCCG  
TCTTCGAAACTTCCGCCTGCTGATATTGGTCATCCAAACCGTCCTCGTTCAAGTC  
TCACTGC

>CONTIG\_245\_length\_1761\_cov\_97.140759

ATGCTTCCTGGTGTAGGGTACGCTCTGCAGCTGATCGCACGAAGGATGCCCGCG  
CGCTTGCTCGACGGTGGCGTGCATTGCAACCTCATCAGAGATGCCCTTGGCAGC  
TTGCTGTGAATCGATCGATAACAGAGGGTGTGAGACCATCGCAGGTGCAGGTGCA  
GGTGCAGGCAGCGAACGAGTGCCTCAACGACCCACCAATTGGCATCTTCCAGCCC  
TGGCACATACGCTGGCGATCCTCGCTTGCATGCGCTGCTGCACCTCCTGCCACCG  
TGTGGCAGCCATTCCGTGCCTCCAGCACCTGGGGAAAGCGGATCGCCAGGTGAT  
CGATGCCATCCGCCAGGCTCATCCCTGGATAACTCTCGATTGAAGGTACGCCA  
TCCTCAACGTCTCAACATCACCGCGATACTTGTGATCGTCGGCATGTTGCC  
CCAGCAGCTGGTTGAGGGTCTTCCAACACCGAGCGGTCCGGCTGCCGTTGGCGT  
CCAACGGCAGGAAGTTGTGGATCCGATGCGAATCTCCTAAGTCCGTTGCGACCATCG  
GATTGCGTGCATCCAAAAGACTGCTGTCGTTGGCGTAACCAGCCATCCAACGCAG  
TGATCTCATGCGACGCCGTATACCTCACCTGCCATAGTGCTTACTGCAGCAC  
TCACGGCATGCCATCACGTGATTGATCACGTCGGGCCACCTCCGGAATGC  
GCCGGTCCAGGCTGACCGGCCATAGGCCTAAAGGTCTCCCTGAGGCCAGT  
GGTGGGCAGTGACCTGGCGAGGTTGCCGCCAGAGAATGACCGGTGACGGTGACA  
TCGGGAGCAGGTTGCCGGTCTGAGGTGCTTGTGCGTACTTCAATGCATTCT  
GAGTCATTGATGCATCATGACCTGACGATTGTGACGTGCTGCAACCAGGCCAC  
CGTCAGCATAAGCACCACCTGTTGGCTGACGATCAAACCTGGTACCGCGATGAG  
CGACGATAATTGCCGGTTCTATTTCGTTAGATAATTCCCTGATAGCCGGACGG  
GCGATCCATATTCCAGACGCCCTGAACGAGACGCCGATCTTACTGGCGTACT  
GTCGGGCCGGTTGCCGGTGCCTGCATATACATCATTGCGAGAAAGGCATTG  
CTGTTGGTCAAGCTCATTGGACACCTCTCAGACTTAGCGTGACCTAAATAA  
CTTCCCGATTGACTCAGCATATTATCCACACTATATTACCGAGTGTGGGATAGT  
TATCCATCTGGCTTCGGATAGCCTCTTCCAAAAATAAAATTACGGGACTG  
AATCGTATATTGCGCTTAAAGAGCGCCGGTGGAAACGCGTCTCCCTTTTGCC  
GGTCGCCCTCAGCGAGATACCAACGCCATTGAGTTCAAAATTACACACACCC  
GTAATAATCCGCATCGATCATGCCATCTGCATAGATCGCGACATATGTCATCGG  
ATTCACTTTCAAAATTGATGGTATCCCCTTGTGACTTACTCCAAACACCC  
GCAATAGGCTCTATCGCGTGCATTGCTCATGGTTCGTCAATTGATAAAAGGCC  
CCCGATATCCACTCAAACGGACCCGGCGATCCTCGATTGTCATGGTGAGCTTGAA  
GCTTCCGTCGGATGTTGATTTCGATAGACCGGGTCTCCATCAGCCG

>CONTIG\_246\_length\_1756\_cov\_5.922652

ATCCAGGTGCCTTGAGTCGCGATTGCGACTACGTTGCCAGATGGCTACCAAG  
GGCCGACGCATTATTGTGTGACGTCGTCGACAGTTGGCTGCGCTAGACAAGCCGC  
GTTCCAAATACAAAGTCACCTGGCACATGACCACGAGACGGCAAGGATGTGGAA  
ATGCTGAGCGTAACCGGTGGAGCCGAACTCGCTTCTGCCAGAGGTTGTTGGTCA  
GCCACATCTTCGAATGAGTGAAAGGCCCTCGATTGTGGTATGCGATGCGTTCTG  
AAGAACGAAACCGAAAAGCAGGTATCGGTGTCAAGCCGAGTTCTGACGGGCTTT  
GTTCACCGACGCCGCGACCTATTGATCGCTCAGTTCAAGGATGCTGCAAATAGCCG

GAGCGTAATGGACTATGCCAAGAACGATAAGCCGTTTCAGGGTCACCCTCA  
TCGAGCAAGTCGCTTAAAGAAAGCGATTGCTACAAGAGCTTCGAAGAATTCGC  
TCTTGATCTCACGGAGATCGAAATATGCTAACCTCCAGCGAACAAAGCTTGG  
CTTGAGCTGGACGTGCGCTCACAAATGGCGGCCATTGGGGCGTATTGATTG  
GTTGAACGATGCATTGCAAGAGATTAGAACAGTCAGCAGGCTTACTGA  
GAAAAGGAGATCTGCAAGCAGGTAGCGCTGGCAGCAGAAACCGACCGCTGTG  
GCCACCCTGAAGGTAGGCATGGTCAATGGTCATCTACTGACCAACACCCCTGACGG  
GATGACATCAGAGGCGGAAATAAGCACAACGAAAAGTCTTCAGTGTATTGAGA  
GCTACCAGCAAAGCACGCTCTCCAGATCAGTGAGTCAGCAGCTAACAGGAGCC  
GAGGCTCGTGGCCTGCGGTCTAAAGTCCGAATCAAATCTCGTCGCAAGCCTCAA  
GCAATCGATCAGCCTGGTTAAAGCGTAAAGGTAAATGCAGCTTGGTTACAG  
GGGCTTGGCGACTCCATCGAGCAGACTCAAACCAAAGGGGTCTCCTTGTCTGAG  
TCTGGCACCAAGGCGGTGAGCAGGCTTTCCTCGCTCAATGCCGGCGGTCT  
CCAGAGCTGTTGATGGGATTGTCTGCTGGCAGGCACTTCGCGTAACGGGCTTG  
CTGGCATCGCGACCGATGCGATTGGGACCAGTCAGCGGTGAGCACGTTGCTCG  
GCAGGACAACCTGCTGGCGCTAACGACGAGTTGCGCAACTACGCCGCTAACACG  
CAAGCGCTGGCCGGTCTGGCCGGAGCGGAGATTGGCGCAGTAGGTGGCCA  
GTTGGCGTTGCCGTGGTGGCGCAGTGGCGGTGCTGGTACGTCGTGCTGAC  
AAGATAATGGCGACCCCTGGATGAGCGTGAGATTACGCATCAAGTGGACTCCCTGG  
CAGGCACTGGAGCTCAACGGCGCAATGGTGCGCCAATGGCTGCTGATCTC  
GGCGCATGGAATTGACCATCCGAGCAGACAACCTTCGGCAGACTTCGATAACCC  
GACGTGAGTTGGACTACCGAGCCAAATACGTCTGCGACTTGCATGAGCCGG  
ATGCCGCCGCCGTAGCCCATAACTGGAAAGCCAGCAGCACTGATACCAAG  
CTTGGTGCAGCGAACTGGACGCGTACGCCGATACTGGTCAGTGGCAGCGACCC  
GCG

>CONTIG\_247\_length\_1753\_cov\_60.329028

GTTGAGGAAACGACGCATGCAAAGCCGAGACGACGACTTGGACGCGCTCTGGCG  
GCCTGACCGGCACCGAACGTCCGCAGGAGTTGACGCTGAATCGAACGCGCTCGCC  
GATGGGTCGATACCGAGCAATGGCAGATCGACTCCCTGAGGACGTACGCTTA  
CCAGCAACTTATGGCGCTCACGGCCCCGAGCCAGCGTGGAGAGATTGATT  
ATCAGCACGTGCCCTCTCCGACGCCACGGCGACGAGAACGCCATAGAG  
ACGATCACCTGGCAAGGCCCGATGCTTGGCTGACCAAGCCTCAAGGGCAGCAC  
CTGCCCAAGACCTGGACCATCAAGCGGACCGCTGCGACTGCTGACCAAGCT  
GGTGAGAAGACCAAGCTGCACACGGTCACCCGCTGGACCTGGCCGGTGGTATC  
AGGACATGCGGACAAAGGCCTCAACGCCAGCCTCACCAACAAGCAGTCCTAC  
ATCGCGGCAAAGCGGCTTTCGAATGGGCCAACGCTCCGCCACTACCTCGT  
GGCGACAACCCCGCTCCGGCACGTGAGCTATTGACCCGGAAAAGCGCGCTCG  
GCGGAAGTTGGTCAAGGCTACGACGCCACCAAGTCCAAGCGCTGTTGCC  
GGCTGCTTTGAGGCGCTGCCCTGGCCGCGGTGGCTCCCTATTGGCTTGTAT

ACCGGCGCCCGCGCTCGGAGGTCGGCCAGCTGCTGACTGCCGACGTAGTGGAAAGA  
GGGCGGTATCCCTGCTTCCAGATTGAGGACCGTGCCGATTCACCCGACCTCCTGCCCTGGGCTTC  
TCGACTGGTCGAGCAGGCGCGCCGAGGGCAGGAGCGTTGTTCCCTGCAGGCC  
AAAGCCGATGCCAAAATGGTCAAGGCAACTGGATTCCAAGCGTTAGCCGGCA  
CCTGGCCGAGGTGGCAAGAACTGGCCCACGGCCAAGCGCGGCTTCACTCGCTGC  
GCAAAACCTGATCCAGGAGTTGCAGGGCGGGCGTGGTTCCGAGCTCCGGGCA  
CAGTTGGTCGGCCACGAATTGGATGACGAGCACCGTCACTTACAGCCGAGCGTT  
CACAGCTCAGGAGAAGCTAACCGGGCTCCGGGAGTATCGCCTGGCTATCGGTGC  
TGGCTTATGGCCTCAGCCTGGACCGCGCTGCCTCCCTGTCGCCCTAACCCCTACC  
CTGTTGGGAATTGCCTAACAGAGCTCTCGCTTAAGCGATAACGAGAACGATACGGTCATTAGC  
GCCTAGACCATTACTCGAACCGCCGGCGAAGCCAGATCCAACAACCAATACATCCA  
GCTAGGAGAGCAACGTGCCAACAGATCGAACAGCTAACAGATCGAGGAAAAGGAATACGAGACAGC  
ACTTTATAGGGAGCTGCGAACAGCTAACAGATCGAACAGCTAACAGATCGAGGAGGTGCT  
AGAGGAAGTGCTGGATTGATTACTCGGTTACAACAAGAACCCAAAGTTTGAA  
AAAGCTGGGTAAGTCGCTCGAACAGCTAACAGATCGAACAGCTAACAGATCGAGGAGGTGCT  
CCCCCCCACCCCTGAGTAGTGGCTGGTTAGAGTCCGGGTAATGATATCGGTGTT  
GCCAGATGTTGGCATACGCAGCCGGGTATGCCAGATTGCTTTGGTCGG  
TCCTCG

>CONTIG\_248\_length\_1736\_cov\_181.635177

CGCGCGGCTTGGCTGCGACGTGGAGGCCGCACAGGGCATGTCGGAGATGTTGAT  
CTCGCGCACAGCATCATCAACTTGGAGATGGCTAGCGACGGACAGCTGCTG  
ACCGCGCGAACAGTAAAGCAAATCCAGACGTTCGCGGCCGCTGGCGAGGAGAT  
GGACGACTCGGGCCGCGAGACGGTCAAGGCGCTCCTAGAAAACCCGGCGCTCCGA  
GCGCGCTGCGCACGTGCTGACGCTGCGCTGGACGCGAGCCGGCGCCGAAGAAG  
CACGGCGCGATCTTACGTGCGCACGTCAATGGCGTATGCAACATAGCACCGTCTAC  
CACGGCGCGCTATCCGGCGATCCACAGCGATGGCTGCGCGAACGCGAGCTGTT  
GAACGTGGCGGCCACGCCCCGGCACAAAGTGGCAGACGTGAGAGCTATCTGG  
ACGCGCGAACAGCGCGACTCGACTTCCCTGTGCAGCCCAGAGGTGGCCGCG  
CTCGCCCGCTGCCGACGCACAACGCCGCTGTTCTGCCACGGAGCCTGATCAC  
GTGCTAGTCGAGATTGACCGGTATTGAAGCGCGCTAGGGCGTGGTGCAG  
GGCGATGAGCAGCTGTTGGCGAACAGCGAACAGCGAGCTACGTAGTCGA  
AGCCATGTCAATTTCGATCTGCCGAAGAGCAGATACCAAAAGACTCCATCGACA  
AATCGGGAAACTTACGGCTACTGTTGCAATTGGTGGCGCTATGAGGCACTAGT  
GCGCGCGCTATGAACATGGCATGCACATCGAACAGATGACTTAGCGCAGCGGTCG  
TCTGGACTTATCGGTCTAACCGTCCCGTATGTCAACGTGGTGGTGCCTGCTGAGTT  
TGCAGTCTGATGCCCTGGATCAGACCGGCCGGCGTGTGATGTGCCGATCGGTG  
CGGCATGTGCACGAAGGTGACGTTCGTCAAAGACGCAGTCGCGTGCAGCG  
TGCCCAGCGCCGGCGATCAGCTACCACACCGCGCCTGATCCTCGAACCTGGC

GCATCCGCCCGATGGCCGTCTACGACAAGCCGAAGGCTACGTCGAGACGCTAGA  
CCGGAAAGATCCTGTCGAATAACATGGTGCAGGGCCTAGCCCGCATCTGTTCTGGGC  
AGCGATGCTGGACGTCGCGCCGGCGAGAAGATTGTGCACCACGTCTATGACGAGA  
TGATCTTGGAAAGTCCCAGGGCGCCGGCGAGCTGCACTGCAGCAGCTGATCGAA  
CGGTTGCGCCAGGCCCCCGATGGCGCCAGGGCTACCGCTAACATGCCAAGGGTT  
CGTTTCGCTGCGCTGGCGCAAATAGTGTGACAACACTGTGTAACGGTGTGGATTCTA  
ATCCCACACCCACTCACTGAGACGCAGACGATGAACAACACTACCGCCTACATTGCTC  
AGCTACAAAGGTAAAGGACGCGACATCGCTTCACGATCACCATCGAGGCCGCGAG  
CTGCCTCGACGCAAACACAGTCGGTCATCGAATGGGAGATTCAATTGGGCTGTAGCTT  
CGCAGGTGCCTGGCAGATCATACCGTAACCATGTGGGTTGCTCTCGCTGCCAG  
GCGCGCCGCTCGCTTAAGTACGCGCCTGACACTTACCGCCTGCCGTGCTGCCGG  
ACCTACGGATGTACGGCCGCGCCTGCGCACCGCAAGCG

>CONTIG\_249\_length\_1735\_cov\_13.801617

GTGATGGATGGCCATGTGTGTTCTGAGTCAGAGTTCATCAGTTCTGACTCAAGAT  
TTCGCAAAGATCAATAGCTAAAACGCCTATTCCGAGAATTCTATTTGCCTTTAT  
GGAATTAGGCCAAACTCGATCGACCTAAAAATCTGCCCAAGCTCACGAAAGGC  
CGAGATGGATGCCAAAGCTCAGCACTCCATTAGTAAATGCCCTACTGCTCCACGA  
GGTGCCTCGCCCATGAACACTCCCATTGACGCCAAAGGCAAACCTGTCGGCATGCC  
CATCGGTCCGGGATGCCACCGACCAGCACGACACCTAACGGGTGTCACCGACAACGA  
GGCCGTTCCAAGGTTGGGCTCCGGCACGGCTCCCTGAGGCACGGCCGGGAACC  
AAGCAAACGGCTCAGCCAGCGTCAGGAAAGGCGGCATACCTTGGACCACCTGAAG  
ACCGTCCGACACGATCTCCTTGCAAGCATCACGAAACACAGGGGGTGGGATCACTAGG  
ATCCGCTGGTTATCGACGAGCAGAGCCAAGCTCCGAAACAGAAAAATGCTCC  
CCGGCGAAAGATCCTGCGGGATTGCTCTGCAAATGCCTCTGCGGGAAAAGTCATC  
GTGCACCTCGACTTGAACGTGAGATCAGCTATTCAAACGACGACGAGCA  
CAACCAAGTCTCGACCATGCGCTGCGCATCCATGGATAGCGATTGCCTGACTCGAT  
GGGCTGGTGAAGGAGCACGGGGCTTGGTGCACCTTGCCTAACGGCACCTGC  
ATGTTGTTGGACTGGCCTCGTGCCTGGCGGGTCATCCAAGCACCAGCGTGCCT  
CCCAACAATCGCACCGCAGGAACGACATGGCTAACGCCGTTGGATCAATATG  
AGCCAGGAGCCAGGCGCGTAACGTGAGATTCCAGCTTCCGGGATATCTC  
TTCTACGACGACCGATAGCCACATACCGCGCTTGGTAGCGGAACAGGCAAGCTGA  
TCAGCAGATCCCCGTTGGCCAAGTCGGATCGACGCCGTCACGCTGCGCTT  
CTTGGACCAACCGCAGCGCCTACCGTTCAAGCCGCCCTCATCCCCAGGCTCCGAT  
CAAAAACGGCTGGGTTCCAAAGAGTCATGCTGTTGCATGGCATCAAGGAGGGC  
TGGGCTTCATCTCGGCAGGACGAAGCACCCTGTCGGGTCCAGGCCAACGGC  
AAGCTGCAAGACCGTGCACCTTGGTGTAGCCCGCTCAATTGAGGGAAAGAGCG  
TCAGTGCACGGTCGCGCAGTCCTGCTGGATCAAGGGGCCACGGCTCGCGTTAGCT  
CAAACCGGTGAATGCCGCGCGTGANACCTTGTACCGAGATCGCTGCGGAGGCAAAG  
CCATCCCAGCTGCCACCTTGCCTTGCATTTCTCAATCAGGCCACCTGAT

CCTGTTCCCGTCCACGCCGGACTGCACGAACATCAGAAGTGGCTTGC GGCTCCGGG  
CCTCATGCACCTCTCGTGCCTGCTGAAACGCCCTGCCTGCTGGTCCCCTAGCG  
CGGCCCAAGAACGAGGATGACAAGATCCGCATCGGCACGCCACTCAGACATGCGA  
CTTGGGGAGAGCTGGCTGGCGCCGAAATCCTCCGCATGATGGCTTGATGACCG  
AGAAGCTCGATGGCCTGCTGACTGCCGCACGCTCGGCT

>CONTIG\_250\_length\_1734\_cov\_14.082141

CCCTAGCCGT CCTACC ACTGTGGCGCGACCGATTAGCCATCGCTTGCCTGCTCGGT  
CACCACTGCTGGCACAGCATGCTATT CATTACAGGTATCACTCAGTTACCCCCCTGA  
TTTGTGTCATCCGAATCCTGTGTTGAAGGGCTTGATA CGGAGGCAGAAACGGATG  
ATGGAAGCGCTCATCTATGCCGCATTGCAGTCACATCCTCGATCTCTGACGGTAC  
TCGTTGCGGCTGGCTATGGCATCGT ATTGC GCCCGCAGAGCTACATAGTCAGTGC  
GCAATCGAGGTATCGTCATCGTCAGATCCTCGGCACTCCTCGATGGGTTACACCT  
GTCTTTTCGATCGCAAATGCTCTATCACCTGCAGTTGAAAGGTTGTCAGCGAG  
CGTCACGGTAGCAATATCCACGGAAAACAAGCGTTCAGGTGAAAAC TGGAGCGG  
GATT TGATAGACCGTTATGGCGTTGTCGTGCATCGCTGCTATCGGCAAAAAGAG  
TCTACAGAGAGGGCACAGTCGGCCGCTGCCGAGCTTCTGCTCCGGAATCTGGTGTG  
GAGGCTGCTGCCCGCCTCCGTTACCGACTCACTGCTTGCA GTTTCGCACCTTTC  
GAAAGATTGCTCAACTGGCGTCTGTATCGCCTCTGAGTCGACATGTATGCGCGCAG  
GGTCGCAGGGTTGTCTGAAGCGCCCTGCTGAATGAAGATTTCGCCGGCGCG  
GGCATTGGTCTGCTGCTCAGTGC GATT CGTCAACGCCACTGAAGTTGTTGCTTG  
GCGAGCGCATACACGCTGGCGCTAATGCCGGCGCTGTGCAGCTGCACGTGACC  
GGAATT TT TAGTCCTCGATCTCGT ATCTCGCTATCTGCTGCATCAAAGCGT  
GATCCGGA TGACCCCTGGCGTATTGGATCGTGGCCGGGTACGCTCTAGCTCCGGT  
GGTTGCTCGCGGTAGCGCAGTT CCTCTACGTTCTGACAGCATACGGTTGCCA  
AGGCCCGGCTCGACCCTGTCAGGGAAACCCCTTACCGGTAACACTCATCAATTGCCA  
AAGGTTCGGAAGGCGGAATTGCTATTACGGTGTCA CAAAACACCTGAAGCCATA  
CTTGGGATAGTT CAGATT CAGTGC GTTGAGTTCTGGCATCGCTTAACTGCAGTGT  
CAACGCCTAGGATCTCATCCTTATGCCGATGACGACGGTGC GTGATTGCTGGTT  
TCCTCAATGAAGGTACTCGACTCACGTCGGTGCCA ACTGAGGCTGCATAGGCACCA  
TCGAGCGCAAGGTTCCAAGCACGAAGGGAAATGCC TAGCCTCGTCAGTACCTATT  
AGTGCTTCGCCGGTTGCGATCAGTGGCCAGGCCGTGTCACTCAGTAGAGCTT  
CCCTGCTCATCGCGAAAACCCAGAAATCATGTCAGCTACACCAAGAACATTGAG  
TGATCTGCTCAATCGTATACTCGGCATGCTCTGTTAATCCATGAATGCTTGCT  
ATTGCTACTGCTAGAGACGCACGAGTCTAGCAAGCCCTTAAGGTTGTT  
CATCGCCT GTGCCACCCCTAGGGAAAGGTCTGAATAACGAGGCCTGAGAGTGC  
GGTCCCGAGAGTCGCGTTGGATCTCGGATCTCCGCCATTCTGGCACTTCCTT  
GGGAATTCCCCGGGTTACAGGCG

>CONTIG\_251\_length\_1712\_cov\_7.155205

CGAATCCTTGGATTAGGCGCCATGCGAACCGCGTGAATAGTCGAGACTTCACTAGTG  
GATCAAACCTAGCCTCCGAAGAACATCTCGTCGCAGGCTGCCTTGTAGGTGATCA  
CCGCAATGCGCCGACCCTCGAACGTCAGGCCTCGCTCGCAGCTTGAGTCGC  
GGATAGCCTCGACGAGTGAGTGGGTTTCCTGAGCCAGCACCTCGTAAAGAAAA  
AAAATCTTGGGCTGCCAGATTCAAGGCAAGCCTGCATAACGATGTCCGCATCTGCA  
GCAGCTGCTCGCTCACGGCGTACCGCCCTCGGCCCTGGCGGAATTACCAACAGCT  
CTTTTGTGTTGCTCGCAATTGGACTCAAGCCAGTTGAGGCCGTCAGTGATGTATAC  
AGGGATTTCGAGGTTGGAAAAGTCTTATCCCCAAAACGAGCAGCACAAACTCTG  
CTTCTTCCTCGCTAGTCGTGAAAAACCCCTCCCCGACGGCTCAGATGTTG  
CGATTCAATTAAAACCTTAACGAAAGCCTCATCAGACCAGTGCTCCCTACCTTTGT  
GCAAAGTGACGGACGTTGCTAACGACAAAGCTGTCTCAAAGGTATTGGAAGTGC  
TTGTATTGCTTCACCAGTAGCGGGTAGGTGGGAAATAGGAGTTGATATGCGAT  
GCGTACCGAGTACAGGTCGTCATGGTCTCTTGTGATTGCTGGCAGCTCAAG  
CAGCTCGTCCACGGTGCCTGCCAGATGCATCAGTTCATCCAGCTCCGCAATGTGGG  
ATTGTTCGTAATCTGATCTGCGTTCTTGACGGGTTTGAGCTTATTGAGCCCT  
GCATCGAGGTCTGTAATAACCAGTGTGAGGATGCCAAGGGCGTCAATTAAAGGCCT  
TAGTCGGTGTGCGTGAUTGCCACCGATATCGAGGGTTGTGATGTAGCAGCGGTCAAG  
GAATGGAAACTTATTCCGAAAAAAATGCGGCAGCATATGCGCTGCTGAGCCCTC  
TACCAAGATGACGGCGTCGGCGAAGAAAATGTCTGCATGCTGTGCCGCAGGTACC  
TGGTTACGAACCTCTCGTCTGGTCCCTCGCCGAACACGTTAGAGAGATTAGAGA  
CCGTCGACACCGGTACACCGATGCCATACATCCCAGCTGGAGTCGCGCTGAAATAC  
CTAAGGTTCTGGTACTCTACTCATGAGTTACATGACTGGAGTGCCTGCTCACCAAA  
AGCTGAGTCTCAGATTGGTAGCGTTCAAGCAAAGCATCCGGCATAGAACTTGG  
TAGGCGTCCGTACAAAATGTTGCACTTGAACATGAAGGTGGCTTCAGGCTCC  
TCAATGAGCACGAGGTGGATGGGCTCGACGCGGGTCTATTGCTTCCGTGTTGCC  
CTGGTTTCTCAGCCACTCGTCCCTGAAACCCATAAGCCGGAAAATCATAGATATC  
AGGTTTGATATCCAACCCGTTAGCGGTCTCTGGTAAATGAAGAGGAGGGGCTCCT  
GGGCTCCTCGATTGAATCCAACCTCAAAAAGGACGGCCGCTTCATGGTCATGCC  
TCAGTTGTTGCCAGGCAGTTGCGACTTGATGCGTGGTCATTGCGGCCGGGTAG  
CCCAATCCCTCGACCTCTTAATAGCAGGTTGAAGCTGCTACCTAGCTCGTATCG  
AATG

>CONTIG\_252\_length\_1702\_cov\_22.011429

AGGACACCGGCAACATGTCCGGCACCACCACCCGGTCCAGGCCAGTACACGAAG  
GCCGAGCCGATCCGCAAGCGCGTCAACCCCCGCAATGGCGTCAAGCTGTCCAGCAG  
CAGCTACGCCACCCGTGGACGGTCGCCGCAATACTGGTCAAGCTACGCTTGATT  
TATCCTAGTGAGGCAAGCCGCCAGTTGTTCACCCGGTCAAGCTACGATGAAAT  
CTCGCCACTCGCTCTGTACGCCATCCGGCACTATTCGTATTCCGGTCTGAGCTG  
CGCACTTGTGCGGATTGGCATCTACGGCCTGCGACCTTGAGCCGGCCGACCCAA  
TGCAGGCATTAGCAGTCCAATCAGCGACAACGCGTGGGTGATCTACCTGGTCCGGT

TGTTTGC GGCTGGGGGGCTTTCTGGATCGCGTACAGGTCCCGCTAATGCCACAG  
TAGGAGGCGTCAAGATGGACGAGCAGAAAATGCTGCATTGCCAACCGCTTGGAG  
GCATGCATTGCCACCGCATGGCTCTGCTGGATTTGTATCTACTCACGTAAAGCTGC  
AGCGGGAGCTTTTAGGCTACGGTGTGCAATGTTGTGCACACCGTGAGCCTG  
CGAAGGAACGACACATGGAATACAGCAGATCCAACCACGGCAACACGCGCACCGG  
CAGCTATCGAACCCCGCATCCAGGCTTGCTGCACGTGCGCAGCCAAGTGGAGTC  
GGGCCGGCCACAATTGGCGTGCACCTGGCCAAGCGCGTGGCGATACCGCAGGCC  
CGCGTATTGCACGGTCTATGGTCTGGCCCGCTCGATGTCTTCATCCTCTGCCGA  
CAGCCCTGTCCGACAGCCTAGCCCGCTGGTCAATTGCCGGCGGCACTACATCCTCA  
CTGCCGAGGCAGCAAGCCAGCTGGCCGCTGACTTCGGGCTGCCTGTGCGTGC  
GCAGCGATCGAAGGCGCGTAATGCGCCGTATGTCCTGGATGCATCGCGCTGGCG  
GCAGCTGGACGCAGCGCAGCGGTGCTTCCACCATTCCCACCCCTCCTGCAGGAAACCC  
ACATGCTCATTCTCACCCCGAGCATTGGCGATGCGTTGATGATCGGCCACGAAGTGA  
CCGTGACGGTTTGGGTGTCAAAGGCAACCAGGTCCGCATTGGTATTGCCGCCCCGC  
CGCACGTGCCCGTCCACCGCGAAGAGAGATCTATGAGCGCATCCAGCGCCAGGACGAT  
CGATCCGAGCCGACGACGTAATACCAACGTGAAAAGCGCACATCACAAAGGTGTG  
CAATATATGTGACACGGCAGTTGCTTGGGTTAAGGACTGCAGGCCGATACTTGG  
CAGCGATATGACAACGGGGCGGGAGTGCTGCTAGCGCAGTAGACCCCCCGAAAAAC  
GAAAAAAACGCCCGGCAAGGGGGCTTTCTCACTGGTCTGGGGAAAAAAC  
CAGAACGATGGGCCTAATCGATGCCCATCCTAACCGCCGGCGAAGCCGTGC  
AAGAGGGAAAGGATGCGAAGGCCACAAGCCAAACACCCGCCGCTGCCGTCA  
TCGGCGCGGACATGTCAGCAGTAGACCCAGGCTCACACGCCAGGCCAGAAC  
GACCGCCACCAGGGCCGGCCACAAGCGTGTGCGCTGGCGTCAGCCCAAGCCGC  
CGTCCGG

>CONTIG\_253\_length\_1678\_cov\_7.968407

GGGTGGGGGGACGTCGAGGTATGCCAAGGTATAAGAGATTCTCAACCCGACAC  
GAAGAAACTATAGATGAGCGTTTCAGTGCACAAGGATGCCCGCACCTGAAGGTGT  
GCGAGTGGAGCCGGAGTTGGCGCTACCCATACATTGCGTTGAGGAATACTTA  
ACTATTCCAGGGCTTGAGGACGCTGATATTGCCCTGGAGTTGCTAACAGCCTAGT  
CTTGAAGAGGTAGAACGACTGCGCGCAGGCTAAAGAACGCCGGACTGGTCTTGT  
GGTCAGCGAGAACCTAGGCTGCTGACAAGGAGGGATGCTGTTGGCGTGGCA  
CGGACCAAAAGCTTGTCCAAAGCTGGTCGCCATCCAACCTAGGTATTGACAAC  
GCCGTAACGCCGTAAAATCGAGCTAACATGCCCGTCCCTGTGCGAAAGC  
ATAAGGCCGGTTTCTGTATGGGATTGGATGTCCACGTATTCCGGCGTCA  
TTGACGTTGGCAGCAACTCAAAGGCTTAAGGAACGCCGGCTAGAGGTGGCGG  
ATGATGACGCTGCATTACAACAGCTGCAGCAGTAGGGTATTACCGACTCAGTGCCT  
ATTGGTATCCCATGCGCAATCAGGGCCGGTTCAGATAGACGGCATTGGGTGGG  
AAAGTTAAGAATGAGTTCGCAGCTGGTGCAGCTTGAACAGGCCGGTAGCTCTACC  
AGTTGACAAGAAACTCGTGTCTGCTGGAGGCGATTGAGCGCATTGAAGTTG

CGCTGCGAGTCCATATGCATATTCCCTAGTGCACACTCTATTCGCGCAAGAAG  
ATCCAAGCATGTTGGATGGCAACTTACCTTAGACCTGCTGCGACTGGACGGTCAA  
AGCATGATGATTGGCTCTCAAGCTCTCCGCTCAGGTAGATAAGTCCAAGGAAGAGT  
TCGTATCTCATTACAAAAGAAGATAACGGTCTCCCTTACCGATATGGGTTGTGATTG  
AAGTTGGGACTTGGCCTGTTGTCACATTCTACGCCGGGATGCGTTACGTAGACC  
AAAGTCGTTAGCCGAACGCTTCTATTCCCTGCCAGACGTGGCAAAGTCTTGGC  
TCAGGACGGTAAACTACGTTCGGAACATAGTCGCTACCATTCCAGGGTGTGGAATA  
GGGGGATGGTTGAAAACCTAACGTTCAAGTTCAGAGGTCTTGATGCATACGGCGATGTTGGA  
TCGGGGCTAGCTGCTCTTGACGCAAGTCGCTTACGCTGCTTTCGCTAATCGCTT  
ATCTTGAGCGAAAAATGTTGCCCTCACTCAGACTGGTGTGTTGGTTCTGAGCATCT  
GGAGAGCTTCCTGCAGACGGATGCCCAAGATACAAATGAAACAAATGGGTTGTC  
TTCCAGGCTGGCGAGAGCACGCATTGTGGCGGACAATAGCGGACAGCAAGAGCGC  
ACCTAGGTGTCACATGGTACACGTGCGCAAAGGGCTCGCCCCCTGAACCCCAAG  
CGCCGAGGGCGCTGCGAAAATCCAAAGCCGAGGCATAAACCAAGCAACCCCACTG  
CTTCGGAATGCCGCCTCATGGCATTACACGCCAACGTAAAACCTTCAGCCGA  
GCCAAAGCGCATTGTCATCGCAGCGCGGCCTAC

>CONTIG\_254\_length\_1661\_cov\_47.232073

AGACTCTGTGTGGCAAACACACCGCGACGTTGGCTTACGCAGCACCTTGAGCCAT  
TCGCGGATCTTGGCCGAGAACGCCGGGTGATCGAGGAACAGCCATGCTTCATCGAG  
CACCAGGATGCTCGGCCCTGGCGTCGAAGCGCTGCTCCAAGCGGTGAAACAGGT  
AGGTCACTGGCATGACCACCTGGGGGGTGTTCATCAGTTCTCCATTCAAACG  
CAAGCCAGCTGCCAGCGACACGTACATCGTGCCTGCATCGAGCAGGTAGCCGTGC  
GCGCCGTCCACCGTGAACCGTGCAAGGCCTGCTGATGTCTGGATCTGCACCAGC  
ACGGTGAAGGCTGAAATGGTGCCTGTTCCACCGGTAGTTGAGGCCGCCCATTGCG  
TTGAGCGCGTCCCAGATGGCGCGCTTACGCTGGCGTCATTTCGACGCCCTCGCC  
ACGATGATGTCAATGAGCCATTCTTGCCTGCCACGCCGCTCTGGCTGTCCACG  
TGGGCCAGCGGCTGAAACGCCGGCTGCTGCGCCCTAGGTGCTAGAAGCGCCC  
ACCCACGTGGCGGTGGTAATGCGCGAGCTGCCCTGTCGAACACATACACCTG  
CGCCGCTCGTAGCGCCGGAACTGTGTTGGCCAGATTGAGTAGTACCGACTGCC  
GGCACCGGTTGGCCGATGACCATCGTGTGCCAACGTCCCCACATACGTGCTGAA  
TCGGAACGGCGTGGTTCCCCGGTAACCACGAACATGTGCGCGGGGAGTGGTCCA  
GGTGTGATTGCCGGGAATAGGTCGTTCTGGCAGTAGCGCGGCCAGCCCACACG  
CTGGAACTTGGCATGGCGTGGCAAGGTTGAGCGTGGACACCATCGGTGGCGGAT  
GTTGTGTTGGCGTTGCCTGGCACTGCCACGAAACCGTCAATGGCATTGCCATC  
GCCGGCCTCGTCAATGGTACAAAGCCTAGCCCGTTGATTTCGCGCTCGACCGCG  
CAGCTTGGTTCCAGTCGGCGCGGATCTGTATCGAGCACGATCAACGATTGTGAA  
GTAGCCATAGCCCACCGCTCGGCCGATTCCAGCGCTGACTCTGACTGCTCAGTAGCTC  
CGCATTGGCGAGGGCTCGGGGTTTCCAGCGCTGACTCTGACTGCTCAGTAGCTC  
CTTCAAGATGACCATGAAGGACTTGCAGCGCTGAACCAACTCGCGCTGGATCTTCTT

CATTCCTTGTCTCGGTGGCCTTGTCCAGGGCACCCAGCGCGTCACCCACCGGTA  
GGCCATGCCATCCGGTTCAAGCGGTCCAGGATGCCGGCGTGGTCTCGCTCGGA  
ACTGGCGCACGGTATGATGCCATGTGGTCTGCCCAGCTCGCTTGC  
CGATCAGGGGTGTCGGCAGCACGGCACAGCTCTGGAAACGTCGCCGGC  
ACCACCGGATGCCGCTGGCTAACGGTGTGCAGGTAGGTAGCAGCTCGTG  
TCATCGAGCGCGTGGACCTCGGCAGGATGCCAGAAGGCTCCAGCAGCCGAC  
GCGTCCACCACGAATTGTCCACCCAATCGTTGATGGTCTGCCGGTCACGATTGGC  
CGCGGTCTTGCCTGCC

>CONTIG\_255\_length\_1658\_cov\_7.975833

GACAGGGGAAGCGTCCGGCCCTACCGCACCCGAGAGCGAGCACCGCGAAGCGGC  
GCACAGCGAAGGGCCGCAACAAAGCGCCAGCGAGAAGGAGGCCTGTCCTTGC  
GGTCGGACAGCGAACGCTAAGGTCCCTTCAGAGGCCAGCACTGGTGGAGATAAA  
AACCGTTAGACCCATCCCAGCTGGCAAATGCCTACCTGAGTGGATAGGAAGCAGC  
AGGTGTTATCGGCCATTGGTTGATAGATAAAAGCATCGTCCCCGACCGGGACTCC  
CCTTGCGCATTGGCGTGCATCTGACGCAAACCTGGTCCGCCTGGATACGATTGG  
GCCTACCGCCCTCACTACTCGACGCATGCATGGCTGTCTCGATGTCAACGTCCG  
GGTTGGAAAGCTCACCTGACCGAGGTTGTGATGCCACGCTCGATCAGGAGATAA  
GACATTGGGGACTTCAAACCTCAAAGACGCAGCGAGCTGGATTGGTCAAAATT  
CGCTTCGCGCGCGTAGCTGCTAGGACATTGAAGCAAGCACCCACGATGAAATCGA  
TCTGAGAACGAGCCTGCCAGGCATAATGCGCAAACGAGCAAAAGGAGTTGTGCG  
TGCCGATATACATGGTATTTCGAGTGCAGAGTAGCGACAAGGACTACACAGGG  
TTCTTCTCAAAGATCAAAGAAATTGCCACCCCTGGTCTAACGATGTGGTTGACC  
TGGCTATTGCCATCTGGTAACGCCAGCACCATACGCGACATATTAAAGCGGCA  
CCTTGATAAAGAAGATCGTCTTCTGGTGGCCAAGCTGGCAAGGAAGGACGCCCGT  
GGTCCGGCTTCAACGATGAGTCCGAATGGCTGATGCGACACCTGAGCTAGACCG  
CGACCTCGTCGATTGAAACCTGGCTAGGAAAATACCTACAGTCCAGCCGTCTTCG  
CCGACAGTGCTTGAGCCATTCCGCCATGATGACGTGTCGCCAGGGCGGCTCTG  
GGGTCGGTTGTCTGACGATGGTCAGACAAGCAGAGGGCGTAGCACCATAAG  
GAGGATCAGTCTGGCGTTACCGCTATTGGCACGTGGCGATTACTGCTCACGG  
CTCATATCATCCGTCTGACGGAAAGTCCCTGCCAGCTGATAGAACGAC  
GGGCATCAGCTCACCGCTGTCCAGTCCCCGGTGTGCCCTCCGTATAGAACG  
CTGCGTATGACTACGCCAACACTGGATGCCCGTGCTATGTGCGAGCACAGGCT  
CGGTAAGCGCGACCTAACCAACCGCCTGACCTCAATCCTCGCCTCTCGTCTGTTAG  
CCCATGCCAAGCCAAATCTCGTCGATGCGTCTCGACGAACACTCAGCATCTTCGA  
CGTAAGTGCCTCGCCTCAATGACCTGCGCATGCCACAAACGCGCGAAGAAAT  
GGCGCGGTATGATGCTGCGCGATTACATATTATCGCGAATATGCCAGTGCGC  
TCGATAATATTACTTGCTGAGAACACTTATCTGTCAATGAAGCGACTGCGCTGC  
GGTCGCATCCAAAATTGGAAAGATGTTGCGTATCACCCCGAGCGAGCGAATATGC  
ACGCCCGACCGTGCAGGAC

>CONTIG\_256\_length\_1632\_cov\_189.106312

GAGGACTGTGAGACCTGGTTGGCACAGGCACAGGCCGGTATCCGCTGCATATCGT  
GAACGATATGACCTGGCCGCCTCCGGACGGAGCATGCAACGGAGCGACCGAGCGAG  
GGTGCCTGCGCGGGCGATGGCGGCCCTCGTGTGGTTGACCATTCCGCTTAGCGG  
TCAGCACGGCGATAGTCGCTGTGGCTGCTGTGGGGTGCAGGGGCTGCGCCCTG  
CGGGTATGGCGCATGGATGCGCCGCTCTGCACTTAGCGGCTGGAGGCCGCGCAAGAG  
TGCAGGCCAGGGCCGGCGCTAACCGACTGCTGACCCGTTTTCATGCCTATCAG  
GGCAATTCTGCCGGTGGCAGCAACCACCGGAGCACTCAGGGCCGCTGGAGGGC  
GGCACGCATATGAAGACACAGAACCGGGCGGACATAATATACAGAGCGCAGCAA  
AGGCTTCCCGCAAAGGGTCGTTATACAAATCTGCGCATCGTTCTATAATCAGCAACA  
CACAGTTCGCGACGCCAGAATCTCAGTGGGTTCACTCGGGAAAGACGCCGCGCT  
TCCTCAATGTCAGCGTTGAACCATCGGCCACTGGGAGACGGTAGGGCTCGGCCG  
AGTTACGCCGCTTCAAGCTCCTACCGTGTACCGCCATGGCTCTGATCCACCCG  
GAGTGGTCCAGCTGCTTCATCAACCATCGCGCGCTTGGTACTGCTGAGGGCGT  
GAGATTCGCGCCACTGATCTGACTGGCTTCGCTGCTATTCCGCGCCGAATGC  
ATGGGACCGCTCATGCGTGAGCGTGATGCTCTCCGCGATCAACTGCCGCCATCCAG  
GCGCGTCCGGCGAAGCCGGGCGCCTGGCTTGTCCATTATAAAACAAGTGA  
CACCGCCCCAGCGAAACCCAGCTGTATCAAGGGTTCGCGCTTATCCTCTGC  
TTGCCATGGGCCATAATGGGCCACAATGGCCCATGACAGACGCCATTACAAG  
ATAAATTGAGGCTCCGATGCGTAGCTGAGGAAAGCCAAGGCCAGGCCGCGCT  
GTTGGGGGTGTCCTCAACGCCATACATCTTGTGCTGTCTCGAACAGGTGAAGCG  
GACCCGGAAGGAACCTTCCGGCCCTGTGACACCGCCAAGGCCAAGGCCAGCCGC  
GCCAGCATCGCGCGGTTCCGACTGGACGCTCTGCGTCACTCCGGTGAAGC  
GTCCTCAGGCCAAGGTTGGCGGAACGAGGATTGCCATGTGGCAGTGGTCGCAAG  
GCCAAGCACTGCCATCCGGAGTGGACCTAAATCGTGACCGCGTACGAAATGCCGGC  
GGTGGCATGTGAGCGCCGATATCGATTACCTGCGTCAGGCCGTCACTCGACTGCAGG  
AGGTTGTTGCAGCGGCCTATGCCGTTCGCGCTGAGCGCAATGCTGAGGGTGCCTGT  
CGATCGCTGAGCGTATGCCATGCCCTGTTGAGAGGACTGTGAGACCTGGTTGG  
CACAGGCCAACGCCGGTATCCGCTGCATATCGTAACGATATGACCTGGCCGCC  
CCGGACGGAGCATGCAACGGAGCGACCGAGCGAGGGTGCCTGCGCGGG

>CONTIG\_257\_length\_1609\_cov\_10.368421

GCACTGGACGGCCAACACTACACCGCCTATAGCAAGTGGAAAGTATGGCGACCTGCGG  
TGCCTGACCAACCCCGAGATGTTGGCCAAGCTGCCGATGCCGTCATGCCGCGTTC  
TGGTACTGGACCGTGCGCCGACCGAAGCTCAAGGCCTGGCACTGGCCGACGACCT  
GGACGGAGTGACCAAGGCAGTCAACGGCGCTCCGGGGTTGGCCGACAGGCCGCG  
CAAAGCTGGTCAAAGCGAAGGCAGTGTGCGGGCATTGGTCACCGGCCGGCGC  
GGTAAGCCCTGACATGCTATTGATTCTGCGGACGCCGTTGTCCGCTCGCCGCA  
GTGGTTGGTATCCTGTGACCTAATTGAGGCAGGTGCCTGCGTGCCTGACCGGACTCA  
ACACATTAGCGGCTCTGGTCATCGCAACGCCGTCACTACGACGCCGTCGTCAC

CTAATACACCGTGGATTCACATTGACGTCGGTCTGGCGCCCCGTTCAACGTGCTGA  
TGGCTATTGCTTCGGCGCGTTGTCGGTGTGGAACAAGCGCGTGGAGCACAAG  
GCAACTTGATCGCGCTTCGCAATTGTTATCATGACGCTTGTGCGGTCGTCGG  
CATTCCCGCGTTGGACGAGCTATACTGGGACGACGTGGCTATCAGGCAGTGATGG  
GTATGGGCCTGGCCCTCACGTCGACAGCGTGGACTCCGTCGGCTGGATTGGGCCA  
AAGACCGCCTATTGGCCGGAGCAAGCAGAACGTAACAACTGTGGTCCGTC  
GCTAGTCCGGCGCTCGCCGCGATTGGCTTACGCCCTGTTGGCCTAACGCCGTA  
CGACCGCCGACGCTGCAGCGCGCTGACATGCCCGGGCGATCGACTTCTC  
GGGCTGTCGTTCTGGCCATGACGTTGGTAGCTTATGATGCTGATGGCCGTAGC  
ATCGGAGCAAACATCTACTCGTGGCGGGGTGCTGCTGATGTGGGGCATTGCTGGC  
GCGTTGTATTGCCGGTCGCTCGCCCTGGCGCGCTTATCCGACGCATGGCC  
GACTTCGAACGCATCGAACGCAAATGGCGCGGTATTGCCGGACCCAGCATCAAAGA  
CCTGGCGAGCTCATGCCGAAGGACGAAAAGCGATCGAGTCGCCGATGCGCGAGC  
GCGCCGACGAATGCCCTGCGCGTGTGATGCCCGGATCGTGTAGCGCTTGAGCGCGTC  
GCAGCCAAGCAGCTAGAGGTAGCAACTATCCGCGGAGAGCTGCAGCAGCGCTGTT  
CGACCTGCGCGCCGCTCTAGCGCGCCACCAGCCGACC CGCGTACGTACTGCGAA  
TCAACTCTACTCGATCAGCTGAAGGAACTCTGCGCTATGGATAAGCCACACGAC  
CCTGTCGCGGCTTGTGGAACGGCTAGAGGACGCGCAGCGTTACTCGGCCCTACC  
GCCTCAGGCAATGGCGTCGCGACGTCAACATCAACGCCGGCTCGGCATCTG  
GATCTGCGTCACCGCTACGGCGTGTGCGTCTCATGGCGTGTGATGGCGATGAA  
TGTCAGCGATAACGCGTGGCGAGG

>CONTIG\_258\_length\_1600\_cov\_6.713510

ATGTA C TGGGCAGGCTTTCTGATGGCAATGCTGTCGGTGGTACGGCAATGGTGC  
TAAA ACTCACAGAAAAGTGGCCGCGGCCTACTGGGCTGTCCA ACTCATCACGTCG  
GGCAATGCAGAAGGACTGTCTAGCCAAGCCCTGCAGCAGGGCGGTATGCCGTGATC  
ATGACCGGGTTGATCATCAGCGTGCCAACGTTGGCGGCTGCAATTGGCAGGTTAAA  
GTGGGACGTTATGCATGGGCAGCCTGCTGGTTATGCCCTCAGCAGAACACGATGA  
ACGGTGCTAAGTCTTAATGAGGTAAATAGAAGCGAAAGAACGCAAACGGCGAT  
TTCTCGCCGGGTTCGTACGATGCCCGTCAACGCCAACAGAGGAGGCCAATG  
CACAGAACATGCTAATAAGCCGATACTCCAGATATGGACAGAACGGACAACACATCA  
AAATGCCCTGTCAATAATGCTGCTGGGTATCCACTGATACCGGAATGATAGCCGA  
CGAACAAACAGGCTTAATGGCTCTGCCAACAGAGGAGGCCCTCAGAAATTGATTAC  
CACATGCCGGGATGCAATGAGATATTGCTCTTGATTGGTGTGCTCATGGCAGT  
TTTACACATGTTGATGGTTATGCGCAAACACGCTGCCGATAGGTACTCAGATGGG  
TAGTATTCA GTGTATTCCAGATGAGCCTGTTGGACTCCAACCAAGGCGAGCCAGT  
GAAGTCTGTACCTAACGGCGAGTGGATAAAACCTGGGGGGCGATTGCTAGGGCCT  
CGGACAGTAGCGTGGCGCTACCTCAGGAAAGCTTACTAAAAAAGATGCTGAGGAA  
GAGGCCTCGTCAATGTTCTACAGGTGGAGGAGTAAATTGTAAGGTGGAACGGC  
ATATCAAAACCAATGTGTCTCTTGCTAACTCCATTGGCGGTTCAAGGTTAGGCGG

GATGGCAACCGGTGGCTCAATCAGGGAGGCAGAGGAGAGCGCTGTCAAAATGC  
ATAGGTGAGACAAAAAATCAGTGTGAGATAATATATTCAAAGTGCTCTTCCTCAA  
TTAATAAAATTCTAAGGAACCTCGAACACAACGAATCCCAGAAGCGCGACACTACCCG  
CCTACGTTGAGGAGTGGTCCATGCAACTGACGTTGGTACGCTGAGGGTCTGGTA  
AGTCAGGCAGGCCATGAGGGTACACCTTCAGGCATCAAGTGAAGTGGATGCGT  
CCGTATGGTCGGCGTTGTAAGTTCTTCCCAGCAGCTCAGGTATGGTTGTTG  
GCGGAAGCTCCCCAATACACCCCTGCCAACGCTCAAGCAGGTAGCCGTGGAGCCGT  
CGCGATTGCGAGGTCCGGTTACTCGCACGTCCAGATGTTCAGGCCATTGGCTTGC  
TTACGGTAGATGCAATTCTCAAATTTTTTGCGCCACTGCCAATCTGCCATAT  
CTTCACGCTGGCATAGTCAGCGATTGAGGATGTTCTGCGCATAGCGCTGAAACA  
CACCTGGGCTTACAGATAGACGGCATCCGCCACGATATGCACCAGCGCCTAGCGT  
CGTTGATGACGAGTC

>CONTIG\_259\_length\_1599\_cov\_24.173234

CTACCGGTCACTGTTCCGCCCTGCGGATCACTGACCGGGCATCCAGTGAAGGCC  
AACCCATGCAGCGACTTCCGAAATACAGCAACGAACCCACCGACATTGGCGATGTT  
CTGCCGTGGCGTATCTGGTCGCCCCGGTGTGGTGCAGACCGCAATGCCCTGTTG  
ATCACAAACGCTGCGCTATCGCGGGCCAGACCTCGATTGGCCACCAAGCACGAAC  
GATTGCCGTGTCGGCCCAGATGAACAAACCTGTTCCGCCCTGGCGACGGCTGGTA  
TTTCCAGATCGACGCACCGCGTGCACCCAGCACCAACTATCCCGCGCGAACACTT  
CCCCGATCCGATGCGTATCTGATCGATGAAGAGCGCCGCAGCATGCCAGACGG  
GCGTGCACTTGAGACCACGTATTACTCACACTCGGATGGTGCACCCAGGAC  
AGGAGAGTACAGCCCGCGTTGGTTCTCACGGACCCGGACGGCAGCGCAAGAGT  
GCGGCCAACCGCGACCGGCAGACAATCAACGATTGGCTCGACAAGTTCGAGGTGGA  
GCGCGTTCGGCTCCTGGAAGCCTCTCGGCCATCCTGCCCGAGGTGCATGCGCTCAA  
TGACTCCGAGCTGCTGACCTACCTGCACGACACAATCAGCACCAAACGTCACCCGGT  
TGTACCTGGTGACGTGTCCTAACAGAGCTTGCGCGTGTGCTGCCGACACCCGCTGAT  
CGGGGGCAAAGAACCGAAGCTGGCAAACACCACTGGGCATCATCACCGTGC  
AGTCCCCGACGCAGACCATCCCCGGCATTCTGGATCGCTTGAACCGGATGGCATGG  
CCTACCGGTGGGTGACCGCGCTGGGTGGCCTGGACAAGGCCACGGCGACAAGGAA  
ATGAAGAAGATCCAGCGCGAGTGGTCAAGCGGCCAGTCCTCATGGTCAATTCTC  
AAGGAGCTAGTGAGCAAGTCGGAGTCAGCGCTGGAAAACCCGGAAGCACTCGCTAA  
CGCGGCAGACGCCAACGCTGCAATGCAGGAAATCGCAGCAGAGGGCGTGGCTATG  
GTTACTTCACCCAATCGCTGATCGTCTGATACAGATCCCGCAAGTCCTCATGGTCAATTCTC  
AGCTGCGCGCGTCAGCGCAAATCAATGGTAGGCTTGACCAATTGACGAA  
GCCCGCGACGGCAAACGCGATCGATCGCTTCTCGCGCGGTGCCAGGCAACGCCA  
GCACAAACATCCGCCGGCGATGGTGTCCACCCCTCAACCTGCCACGCCATGCCAAG  
TTCCAGCGTGTGGGCCGGCGCTATTGCCAGAACGATCTATTCCCCGGCAACCA  
GAATCTGGACCACGCCCGCCGACATGTTGAGTCACCGGGGAGACGACGCCGT  
TCCGCTTCAGTACGTATGTGGCGACGTAGGGCACGCGATGGTCATGCCCGACC

GGTGCCGGCAAGTCGGTCTACTCAACTTGGCCGAGACACAGTTCCGTGCTATGAA  
GCCGCGCAGGTCTACATCTCGACAAGGGCGGCAGCTCCGCATTACCACCGACCA  
CGTGGGTGGCCGCTTCT

>CONTIG\_260\_length\_1596\_cov\_13.303608

GTACCAATGTGCATTTGGGAGGGAAACACGCTATCCATTACATCGCTCCTACGAGC  
TCCATTTAACTAACGGCGAACGTGATCAGAGGCACGGGATGAACCTTGAGGGATGC  
CTGCAGGAATGCTTTGGACACACCGCGCAAACATCTATGCCGAGACGGGGTCCA  
AGAATTGGGATAGGTACAAACGTAAGTTCTACCGGTAGCCAAAAGTCCATTGGA  
ACACCGACTGTGCAAGGTAAATGGGCGTAGTTATATTATGGAGTGAATCCATAGA  
AGCCGCCGTTGTGCCGGTAAATGGATAGCTATGGCATACAAACATAAAACTGCA  
AATAGGCCATACTTTCATGGAACATCCATAAGTAAAGAATTTCGGCCTGTGAG  
TTCATCAGTATCTCTGAAAAATAGGTTGGAGCACGCAGTGTAAATTACTCGACATT  
CACCATTGTTCTGAGGAGCAAATATCTTGACCTCGCGCTGAATATCCTCAGATG  
AAGCTCCGTTCTGAAATGCAAGCTCCTGCTGACGAACGCCATCTTATAAGGCT  
CTGCAACTGCAGCACACTGGTTTCATATGCTGCCAATCTTGAGTTTCCGCC  
CGCCTGATGCACCCAGCTAGCATCTCGCTGAGCTCGCGTTAGAAAGTTCCC  
CACTGAAACACCTAATGCTCCCACATCAGATTATCAAGCGAAACGCCCCCCAAGT  
TTGATCCATTACCTGTAGGACGTGGTATTGCTGATTCTGTGATCCCTGTGGA  
ATAGGGCACATGCAGCGACGCCCTGCCGCCAATGGGGTACTGCCAGGGGACA  
TCCCTGCTCAGCCATTGCTGAAAATGCAATGCTCAGTAGGAGCAGTAAGCAGACATT  
ACATAATTCATCTCGATACCCACCGCATGCACTGATTATTTAGGCCTTAAGCATT  
TCCACTTCAGTTCTCCAGCAATACCACGGAACCTGCAATCTCGTTGCTCCAA  
ACTTCCTGTCGACCCGATAGAGCGACTTGACTGGCTGGGCAGTCCCAGATTCTCG  
CTCATTGATTGATTAGTATTCTGGCAACTTGTGAGGCGTGTAGGAACCAGCCGG  
CTGACCTTGAGGCCAGGGCTGCCGACCGCACGATCAAATGCTGAATATGCCAT  
GAACGTTCCCATATTACCCCTGCCAAATTGCAAGCCAAACGTTGGAACGCTTATGAT  
CAACAAGGTCATGACCAGTCCGATACCGCCCTGTTGAGGGCTGGCTGGACAGTCC  
TTCTGCATTACCCAGCGTGATGAGTCGGCAGCCCAGTAGGCCGCCACTTTGC  
TGTGAATTTCAGCACCATCGCTGTGACCACCGACAGCATGCCATCGAGAACAGCG  
TGCCGATCAGTAGAACACCACCTCTGAACAGGTCTTGGCTGGTGAAGATCA  
GCGCCAGGATGAAAATTGGCCGATCCGATCAGGAAGGCCAAGGTGAACCTGAAC  
AACAGCAGCATGCCAGCTGCCATGGCGGCCACTGGCGGTGCCGAAGCCGCCAT  
CAAGAT

>CONTIG\_261\_length\_1595\_cov\_23.164169

CGTTTCGGCCTTAAGTTGAATGGAAAGGAGACGAAATGGACCAATCAATTAGAAGA  
AATATTAGACAAGCAGTGAAGCAGGAAAGCGAGACATATGTGCAGTCGCTTGTC  
GGCTCAGGGTGACATCGATGCTCGGCACGCTACGCCGTTGAGGTAGCGATCAAGA  
GCGGCAAAGAAGGCTTGGTTGATCAACTGGTGCCTGTTGTCGAAGTCATTGAGG

TCTATCCGCTTGTGGCTGCCAAGGC GGTT CAGCGCGGGCAGTGAGCAGCTG  
TGGCGTTTGCACGCAGAGGATGACGAGGCATTGGT GCTGCCAGGCACGG  
CACACGGAGTGCCTCAAACACCTGCTGAAAAAATGCAGTCCTGCAAGGCGACTC  
TCAGGC GTTGTATGAAGCAGCGCTCATGGTACGCAGATGTTGCTTCAGTTGGT  
CATTTCAGACGCCAAGGCCAGGACAGCCGGCGCTGATGCCGCTTGTGAG  
AGGGTCACTTGGAAAGCGGTCAAGCATTGTCCTTCTCATCGAAGATCCAATGTG  
CGCTGCATGGCTTAGCAGCTGCCGAGAATAACCATGTCGAGGTGTTGAGTTCT  
TGATCGAGGCTGGTCTCCTGATCCCAGGGACACCTACGCATTAGGACTAACGTCG  
CTACTGCCAAGGACATGCAACGTTGGTGGGAGTCTGCTTGGCGATCGTCAGA  
ACAGGT CATGCCCGCGACTTGGCAGAAAAGCACTGTTCGCTGCAGCAACGAA  
GGCGATGCAGGAATGGTCAAGTCGATCTGGAGTTGCCCCACAAGACCGCCTATC  
CAGAGGCCGGCTGTTGCTGCACTCCAAAATGACCATGATGAAAGTGGCGGATGTT  
TGGTCCGGAGTGAACCTAGATCATATGCGGGACCTGATGACAGACGAAGCGATT  
GAAGCGAAGCTTGATGAGGCATTGCCAGAGTTGATACAGCCAAGCAGCGCAGAGA  
GCTTCAATCCAACGAGCGAAAAGGGTGGCGCAGAGT GATACGGCAGGGCCGGTGA  
TGATGGACTCATCTGTAGCGCGCTGTAAGCGGATGTTGCTGAAATAAGACCCG  
ATGTCGCCAGCATCTCATGCCCTGCTCTAAGGACTTACTCTCGTATTCCCAAT  
GCCACCGCAGATGTGTCGGACCTGATGGAGGTGCGTAGATGGCGATCAGG  
TCAGAGCTGGCAATGATGTGGCTCGAATCTTCGCTCACCCCTTCCCAGAGTT  
CTGAATGCCCTCGCGATACCGGACCAAGGAGTCGGCCCTTCTGTGTTGCATCAT  
CTTACCGCATGCTCGCAAGCAAACCCGGCAAGGTGCTACCAACAGGCCGACG  
AGAAATAGTGTCAAGGGCAGATAAACCCCGAGGCAGCAAGGCCGGATGAGA  
AAATAAGCTTAATCCATGGATGTCGCAGGAAAAATTCTTAATTGACCTCGCAA  
CTGGTCGAGTGGCAACCGGTAGATCAAAACTGCGATCCACACAAAAACAAAGGCT  
GTTGCTACGGAAAC

>CONTIG\_262\_length\_1591\_cov\_13.004781

CGGCTTCCACAGCCGGCTGGAAATGCTGTTCCCTGTGCGTTGAAATCCGCGCTCGT  
CCAAGTGGATGCCGGCTCAAGCTTCCGTCTTCACGCAAGCGGTGTCGGCTCGA  
CGCGACGCAGAAACTCGGCTGATTGAACCTCGCCTGTGGTCGTCACTCGGCTCG  
CAACGGCATTGTCACCAACTCGGCCAAGGCTCGTTGCCAGCGGACGCCA  
TGTATTCCCTGGACAGCGCCGTCGCATCAACAACCGATTCACCGATTGGACGCCGT  
CCTTGAGAGCGGTATCAAGCTGAACACAAAGGTGTTCAAGGAAACCTGCGCCGAC  
GGCGCCATCAGCGCATGCCGGTCTGTGCCCCACCGTCCGCCAACATGTCCAAG  
CGGTCGGAACGAATGGACGGCTCGAAAATCGAGGTATTGATGCTGACGGTGCCTG  
CTTGTCACTGCTAGTGCCGCCCTCGTCCGGCTGGTGGACACTTCCAGCCGGCGCAA  
GGTGCCTAGGTGATGGCTGCGTCATCACCGAAGTCAAATAAGGCGATGTATCGAT  
GGCCTCTCGAAGGTACCGCACTGCGCCTCGGGGAGGCCGGCTGCTGCTCCAGGTT  
CTGGAGCAACCGTTCAATGTCGCGCTGATCAGCCATCACGCCGGCTCCATTGAGCT  
TGACCCCGAAACGCAACGTGGTCGTCGTGCTTGCTGACGACTACATACA

AGCCAAGCCCGTCTGCGAGCGCTCGCTCAAAGTAGACCGTCGGCTGAAGCCCACC  
GCGTTCTGGTCACGCCAACCCCTCCTGCGACCAATGGGTATGCAGCGATTGAAC  
GACAGGTACAAGCCTCGGAAGGCCTCACTGTGAGCTCAATGGTGTGGCCGGGATG  
ACGCGCGTAAGGCTCACACAGCGAACTCATAGTCCCCGCACCCAGTGTGCCCTG  
GAGCCCTGTCGCCGCCCTGACTGTCTGGCGTACCTCAAGCCCTGACACTTGCGC  
AACATGCATCGGGGCCATGTCTGCTCTGGTTCGAAAGATTGCCATTGAACGAT  
GGCCTCGACCAATGCACCTGACGTTAGTGCTGGCCTGCGGAGTGGTGGGTAATC  
GCCGACACCAACAGCATTGGAGCGGCTGCCGGCTGCCCTCGTGCAGGCCCTGTC  
CGCACTAGCAGCGGCTTGTCTGCTCGGAGCGCACGTCTGCCGCTGGGGGATG  
TCCTTCCATCGTTTCTCCTGAGAGGCAGTAACCACCGTCCCTGAGCACAGGC  
CAGCGTTCTAACGAAAGGGTAAGCACCGCAATGCTGCGAATCAGTAAGCGCAAGC  
TGAGCCTCCGTGAGTGCTCGATGTCCTCGTTGCCAGAGTCTAACCGTCAGGCG  
TAGCGTGCCTCCAGAATGGAATCACGCTCTCAAATCACTGGCACATCAGCACCGTC  
TACGACTGCGAAGTCACTTACCAAGCCATCCGTAAGCATCGCTAACGCGATCTGCGAT  
GTCTTCTCGCTCGCACTCGACCGTGGCTTCCATGGCAACGCCAGCGCTTGCC

>CONTIG\_263\_length\_1585\_cov\_5.791495

GAGTTGCAGGGAGCGGGTGTGGTTCCGAGCTCCGGCTCAGCTGGTCGGCCATGA  
GTTGGACGACGAGCACCGTACAGCGATCCTCACCGCCAAGGAGAAC  
TTGATGGGCTGCGAGGCATCGCCGGCCTGTCGGTGCTGGCTACGGGCTCAGCC  
TGGACCGCCTGTCGGCCTGATGAATAAAAAACATCCGCTGCTCCTGAAAGAAC  
ATTCTCAGGAGCTCGATGAAGCCAGCGAAGATAAGACTAACAGCGGGCACAAA  
TCGCTTGGCACAATTAACTCTATGCCCTCGGAAGTTGCGACCAAGGCTCACCGTCGC  
GTCAACGGACTGAGCCTGATAACTCAACTAACCTAGCGAGTGAGTACCATCGAG  
ACCAGATTAAACTCCTACCGCTGGATCCAAGCAAAGCTCCTGTAACACATCAGGATT  
CACGCTATTCCAACGATACTGCCCTGCCGGAAGACTGTCCAAAAATGCAACCTGCTG  
ATACTTCAGCAACTCGCCACCTGCCCTCACCTCTGCTCTCACATCGTAACGTATG  
TCCGAAATAGTGACATCCACAAACCTAGGTTTCTGAACAAAGCCGTATAGGCCA  
GCAGATAACTGGCGACCAAAATCCCTAGAGACAAACACGCCCTCGAAGTCTGTA  
TGAAATCAACACAAGACCCGAATCAATATCGGAGTAAACCTCGATGTCGCCAGCAT  
CGCTAGGCATAGCGCCAGCGACACCGAAGCTGAAAAATCATTGACCTCTTAAGG  
CTTCCAAATCCTATAAGCTCTAGGAGCGTGTAGGGAGCACACCCAGAAAGAGC  
AAAGTAGCAGCAAAGATAAGAAACTTGAAACCTACTCATCCTGACCCCCTCTGGGATGT  
AATTGGATAAAATGGCCGAGAGCGCTCAGGAACCAGTCCCATACACCGACGGGAG  
CAATCCTCGCCCATCTGACATGTCGACCTAACCGTTAACGTCCATATCCGCTGA  
TTGTCCGCCCTGCATCTCATAGTGGCCGCGTGCCTCCATCTCCATACAACCCAGG  
CGCCCGGGTAGTAATCCTGGTTCTTAAGCGCCATATTCCAAGACCAACTCA  
GGGTTCTTGTGCGCTGCCTGCAAGCGGAAGGCAATGATAGAACTGATCG  
CTCCCCGCAATATTGCGCTCTCATTTCTGAATTCAACGAGGAAAGTATCTTCATTG  
CCGTCGACCCACCTCGATTAGCGCCGACTCAAATTCTGGCTGCTTCATTGGTATT

GGCAAATTGGAATGTGCCAGACTCAAGCCCTAGCGGATCAATCAGGTAAAGCGGA  
CTTCCTCCAACATAGCAAATGTCGACAAACGCCGCCAATCCAATCGGATCACTC  
TGCCCATAACGCCGGTAGCAGAGTCGTAGTCCCTGAAGTAATTGATTCAACCCG  
CTAGCCGCATCAAACCGCTGCCCGGGAACCGCATATCCAACACCAACGCCGCACC  
ATCGCCATCCGGATCCTGATTGGCGCAGTGTCCGAAGGCCTCGCCCTTAG

>CONTIG\_264\_length\_1578\_cov\_36.794624

GTTCAAGTTCACCATGGCCTTCCTGATCGGGATCGGGCCAATTTCATCCTGGCGCT  
GATCTTCGACCAGACCAAAGACCTGTTCAAGAAGTGGTTGTTCTACGTGATCGGCAC  
GCTGTTCTCGATGGCAATGCTGCGTGGTCACGGCGATGGTGTGAAATTACCGGC  
AAAAGTGGCTGCGGCCTACTGGGCTGCCGACTCATCACATTGGCAACGCAGAGG  
GAAGTCTAGCCAAGCCCTGCAGCAGGGCGGTATGGGTTGATCATGACCGGGTTG  
ATCATCAGCGTGCCAACGTTGGCGGCTGCAATTGGCAGGGTAATATGGAACGTT  
ATGGCCTATTGGCATTGATCGTGGCGGTGCTGAGTCCTGGCCGCAGGGACAA  
CCAGCTGGGTCTTATGTGCCGCAGCAGGTGGCGAAGAGAGGTGAGCAGCAAGATAG  
TGAATGCCAGCCACCTACAGAACGACTAGGATTGCGGGGGCGACACCAA  
CGCAAGCGCCTCAGTCTGCGCTCACGGGCAAGCTGGACAAGGCAGCAACCAG  
GATGTTAATTAGCTTAACAAAATTAAATTGAAAATATGTATGGTGCG  
TCATGAATTATTTAGCCTCTCAGCTTCCATTACTCTCTAGTGGCGCCTGG  
GCACAAGGTTGTCCGCCAGGGCAGTATCAGATTGGTGGCAAGGGCGATTGCATG  
TGCTCCTATTCCGCAAGGAAACACAGTTCAAGAGCCGCCGCCAAGCGGAAAT  
GGATAGAAACTTGGGAGCCATTGCGGGTGATGAAATGAAAATCTGGCGTGTCT  
ACTGGTAAATTGAAGAAAGCTGATGCCAGCAAGATGCGGTAGAAAAGTGCAGC  
GGAAAGTCAAAAAAATTGTTAGCGTTCTCTATGTTATTGAACAGGTGTGCAGCAAT  
CGCTGAGCCTGAGCATATGGAAATATAATTAGAAGTTGCTGCAGGACCTCTAT  
AGAAGTAGCTAGTCGAAATGCAATTCTATTGTAATAAAAAGAATAATAGTAGCC  
AGTCAAGGTAATATACACCGACTGCACGGAGCCTTATTCAAAAGTCTGAATGA  
GCTTCCGGGCATCATGAGGCGGCTTTAGATAAGCGCTTAAATTAGAAAACCG  
ATTTATAATCAATTCTAAAGTAGTAACTAAGGTGAAAAACCGAGAATAAAATTGGT  
ATGCTCGTTAGTCATAGCTACGTTCTAGCTACGTTCTGCCACCTCCCCCTGACCACGT  
TCGCCGTTAGTCATAGAGCTCGTAGGAGCGATGTAATGGATAGCGTGTCCCTC  
CCAAAACGCACATTGGTACCGGTCGCCAAGGGCGTGGCGCATGTTGACTATCCT  
GCTGATGTCACCTACTGACCGCAAGTTGGTGTCTGGCTATCGAACCTCGTT  
ACGGTCCTGCTGGACCTGCACAGTATGCGGCCTCCATCTGTGCTTATTGCACTCG  
CGATAGTTGCGATGCTGCTGGTCTCATTGCAAGGTGCTTGACAGT

>CONTIG\_265\_length\_1578\_cov\_14.788422

CAGGTTGGTCATGCTGACATTGCCGCGCTGCGCCGGCAGGCAGTGTGATCAGAGA  
AAATTGTGCTGGCGTAGTCCATGCTCAATAGTTAATCGCTGGGCCATTAGTGT  
AACAGGCCCTAGCAGAGCGCAGGCTAATTACTATTCTCCGTGCTTGTGGGGC

ACGCAATCCAATCAATCGTACGGTTTAGAATCACTACATACTGCTCTGTGGTGA  
CGAAGTCCGTATAAAATAACTTGGTGACAACGTGGCCGCCTATCCGAGTAGAATTGAC  
CATTGATGACACTGGCTCAATGGGTACACAGCTGAGTGGCGTAAAAGTCAATAG  
CAAGCTTCATTGGAATACTAATACCGGCGAAGATCAGCGTGCCGTTCGTATGAAC  
TCATTAGTTCAAGGACTCTCCTACTCTCGACTCGCAAACACTGAGGACACTCAG  
CGGTCTATAAGCGCTGTGCAAGCCCTTCAGCTCAGGCAGGTGATGACTGTCCGGAAG  
ACTCCCTGGAGCTTGGACTGGCACTTCACGAATCGACGCGGATGAAGACTCGG  
AGGGCTCTGTAATCCTAGCGACCGACCGTCGCCAGGCACCGGAAATGTCGACGCC  
CTTATCGCACAAAGCTCGCGCTAGCGGGACACGTGAAATGTGCTCTTATCCGGCGAC  
TGTGTCGCGGGTGCAGCCACGAAGAGTCGCGCATCAATGAAACACCGATGTAAT  
CCCAGCGGCCACCCCTGTCTCGCGAGAAGTTTTCTCGCCTCGCAAAGGAACTGG  
CGGATTGTATTTTATGCTCCTGGAGGCCACAGCAGAAGTATATTCCGACCTGCTGGG  
ACAAATATTAGCAGTGTGCGGAAGGAATTACTCGATCAAGTCAGATGAGTTAGT  
TGAGGGGATTAAAGGTGATGCAGGTGAAGATCACCTATATAGAATTGACGTACCA  
CTGGGGCAAAACTCTCGAGTTATGTCGTACGGCGGAACGGAAATATCTCT  
TCATGAAAAGAGAATCAATCCCCACTGAAACGGATTATGAGAGGCCGCTCAGCTCGT  
CCTTCGACAAACAGTCAGACGATGCAAGTCGACAACCCGGTGCAGGTACGTATTA  
CATTAGACTATCTGGAGTAAGCGCGTACTCAAAGGTCGCTCTGAGGGCACTGGTCCG  
GAATTAAATTTTATATGGTCGGCGCCTGACATTGCTTGGCGCCGACACTGCGA  
TAATAAAAGATTGTAAGATAAGGGCTGGAGTTTTAAAAATTATCGGTATG  
TTCAGCCGCATCATAGTGCTGATCAAATCCCTCGTCCCGAAGTACCCACCTCCGT  
CAAACCGGTGGTTTTGTCGCTGCAGATTCTGCGGGCACACCGACCGATGCC  
TGCCTCGGGAGGGCGGCTAACACACCCCTCGGGAAATACGCCGCCGGCTAC  
GTGCGGTTCTAACCTCCGACATCCGTCGCCACCCGGCGGGCTTGTGTC  
AAGGAGGGCTTGCCATGCGTCGACCCACGTCCGCCCACATC

>CONTIG\_266\_length\_1573\_cov\_10.510373

CAGGGGAGTGGTGGCCCATGCCTGGAGCTTCTCCGCATTGGTAACTCTCTGCTGT  
AAAGTCGCGTGATGCTCATCATCGAGTTCATGTCCAACGATTGAGCCCTCAGTTCA  
AGGGCATGCCAGCACCCCTGCATCTCTGGATCAAGGTCTTCGCAGAGAAATGGAAGC  
CTCGCTTGCCTGGCCAGTTCTGCCACTTCTGCAACATGGCGGCTGAACGCC  
ACTGATCCAGTTGCCGCACCGTTCGCATTGGCTTGGCTGTGGAAAAGTCG  
GTCGTGGCCTTTGCCAGATTCTCCGTCACCTCCAAAATCCAATGCCAACAA  
ATCGGGATGGATCGAACAGTCGGAGGCTCACATCCGCTTGACCTCTGAAATT  
GCCTCGTCATTAATCGAACAAATCGCCATCTTGAAAGACATCATTAA  
CAGAAGTTGCCAACTCCGAAGCTTGTCTCCGTATACAAGCCGATCAATGATGC  
CCAACGGGCACTCGGTGACAATTCAAAGTTGCTATGATCAAACAATGCTTGGAT  
CTGATGCTTGTGTAAGCCTGAAGCCATGCTTGCAGCTCGCTTTCACGGGCC  
GGAAATGCGACATGGCCAGACCGCATGTTGTCGCCCTTGGATAAAAGCCTGAGTT  
CATGGCCAATCAAAGAACCCACCCCTGCCACCAATATAAGACTGCTTGTTCACAAG

GGTAGGGGTGGAAGATCCACCTCTCGATGTGCTGATACCACCGGGCAGATCTGG  
ACGCTTGATGGTGTGCAGCTTGGCTTCGGCCCCAAAAATTGACGAGGAAGTCAAT  
CGCCGTCTTTGATGGTAGGTCTCGGGAGTGTGCGTGGCCTCAAGGTAGCCAA  
CCATCCATCCCAGCCTTCCATCGTAATAATTCATCGACAGAAGCGACAGCAGG  
CTTCTTGCTCAATCAGCTCAGGTGGCAGCATGCCAATCGAGGCAACCTCAGAAGA  
CGCTGTCCAGCCCTGAGCCTGCGGTAGAGCCGACATCGTCTTCATTATCAATCTG  
CCATTGCTCGGTACCGTCCCCTGGCTGCGTGCATGAAGCGTCAGATCTT  
CTGACTCTCGGCACGGGTCAAGCGCTCAACGAGCGCTCCACATCCTGGTATCAT  
CCGGTCCATCGACAGTCCCCGAACTGCCTGAAGACCTGAGCATAGCTGACGCAA  
GCCTGATGGCTGGATCTGCGGTGCGAAGTCGGTGGTCAAGCGTCGCTGA  
TGACCCGTCTCCCCAGCCTGGCTGGAGGGTCAAGGGGCACTCTGTCGAAAGACC  
ATCGACCAGAGGGGGAGCGAATCAAATGATGGGAATTCTCATCGGATGTGTC  
GATTGTGCCCCGTTAACGATCTGTCAGATTGCAAAGACCCCTGAAAAACAGGGG  
TTTGCCTAAACTGGCGGAGAGAGGGGGATTGAACCCCCGAAGCGCGTTAGACG  
CTTACACACTTCCAGGCGTGCTCCTCAACCAC

>CONTIG\_267\_length\_1563\_cov\_11.012535

CTGTTCCGTCGCTGAAAGGCTACGCCGGATTTCTCGCGCTCGAGAAAGCTAGAT  
GTCATGTCCTGGATTCCCTCAGCTCGCTAGTCGTTGATGGCTCGGATGTGTT  
AACAGGCCCTAGGAGCCTATCCATGTCCCAGCAAGCCTTTCAGCCAATTGGCTT  
GATCTATTGCGGAAGTTACTGCCGCTCGAAGTCCTGCAGAGCGCCGAGGCCACTA  
CATCGGCACACGCAATAGCGAGGGACCCGTTCGCGGGAAATCTCGCGAGTACTCC  
GCAGCTACGCCGGCTAACGTGTCCTCGAAAGTGGCGGCTGGTCCCAGCTGGCC  
AATCCCTGATCCAACTAGAGGAGCCACATCATGAACCCACATCTGCCTCTGAAATC  
GTCGGTCAGATCATGCAGGAAGTGCAGCATTGCGCTGATGCGCCCCAAGCCTTCTC  
GAGGCGTGGAAAGCGTGGCGTCGAGATCGCTGGCGCCAGTGGTTCGGCGAGGGCAC  
CCCTGAAGGCCTGAACCAGGCCAAGAGCAAATGGGATTGCGTCCCAACGTGCTGC  
GGATCAACGACGCCCTCGCGTCTGAGCAGCAGGGGAACGCATGTTCTGTCCGCC  
ATGGTCAGCTTACAACGCCGCGATGGCGGTGCCATGCTCAAGCGCTGCCAGTTC  
CACGGGCTGTCGGATTGACGGTCTCGACCTGGAACGCCAAGGTATCGCCGAT  
CTGCTGGTGAACGAGCTGGTGGTGGCATCTCCGGCATACCAACTACTTCTCG  
TCCCCCAATGAGGAACATGCCCGCAAGGCCCTGTTCTCATATTTTCCCCAT  
CACCCAGGCCACTAGCCTGGCTATTAGCAGGATATTGACTGTCTGATCTGCTG  
CTTGGGTCAAGCCTACAGTGGAACTTGCAGGGCTGGCCCCGCCGCTAAAACCG  
TGGCGAAGGAGCACAGCTCACACGCTTGGAGACAGCCACATGCCAGCACCCG  
AAATCGCTGCCCTGTTGGCTGCGACCGACGCGCAGGGCCGCGTCGATCCGCTGGCCT  
ACGAAGCGCAGGCCATAATCCTGCAGCATCAAGGTCTGGTAGCGTAGATGCGGCC  
GCACTGGTGCAGCCCTGCCGGCTGCCGGTTTACCGCCTCGACCGCACCACG  
CTCTTCCGCCATCGACCAAGCGCCTGGATACGCCGAGGAACGGCAGCGTTGCC  
GACGCGCTGGACCAACCTCAGCGACGGATGGCTCGAACGGCTGGCGAGCA

GGCGGCCGAGGTCGGCGGCCAGGCCTATGACAGTACCCGCACCGCAGTGCCTGGG  
CCGATACCCAGGTCACTGACGGCTTGGCGCCGCGAACGCAGCACCGCGACACT  
GCGGCCGCTCCTGGCGTTGCCCGCCTGCGCGCCGAAGCGCAGGCCGGCAACAA  
TCTGGTCGGCAATGTGCAGCAAGGCTATGGCTCGTCACTGGCGGGCGGGACATG  
CCGTGTCCACGCTCGCGATAACGTCGACCTGGT

>CONTIG\_268\_length\_1559\_cov\_43.232542

GCCGGCAAGTCGGTGCTACTCAACTTGGCCGAGACACAGTTCCGTCGCTATGAAGCC  
GCGCAGGTCTACATCTTCGACAAGGGCGGCAGCTCCGCATTACCACCGACCACGT  
GGGTGGCCGCTTCTACGACCTAGGCGGTGACAGCAGCCCCGGCTTCAGCCGCTGG  
CCCACGTGGACAACGACCAAGGAGCGGGCATGGCGCAAACATGGCTGATTGACATC  
ATCGTGGCGAGGGCGTCGATATTACGCCAGCGTAAGCGGCCATCTGGATGC  
GCTCAACGAGCTGGCGCAGACGACAGCCCCGGTCGAGCAACGCACCATTCAAGGCT  
TTACCGTGCTAGTGCAAGATCCAGACATCAAGGAGGCCTGCACCCGTTACGGTGG  
ACGGGGCGCACGGCTATCTGCTGGATGCAACGCACGACGACGTGTCGCTGGCAGC  
TGGCTCGCTTGAAATGGAAGAATTGATGAACACCCCCCAGGTGGTCATGCCGGTG  
TTGACCTACCTGTTCACCGCTTGGAGCAGCGCTTCGACCGGAAGCGGCCAGCCTC  
CTGGTGCTCGATGAAGCATGGCTGTTCTCGACCACCCAGCGTTTGGCAAAGATC  
CGCGAATGGCTCAAGGTGCTGCGCAAGGCCAACGTTGCAGTGTGGTTGCCACGCA  
GAGTCTGGCCGACGTGGCGCAATCCAAGATCATGCCGACGCTCATCGAGGCATGCA  
TGACCAAGATCTCCTGCCAACAGCAGCGCCCAAACGACGAGGTGGCAAGTTC  
TACCGGATGTTGGCTTGAAACGACAAGCAGCTGGACATCCTCGCCAGCAGCACGCC  
CAAACGCGACTACTACCTGACCAAGCCCACAGGGCAATCGGCTGTTCTCGCTGGCTT  
GGGTCCGTTGGCACTGGCCTTGCGCGCTACTGGAAAAGAGGGCGCAGCGCGAAG  
CCATTGCCATACGCAACGCCACCAGCACCAGAGAATTCAACGAAGCGTATTCA  
GCGCACCTGGTCAACAAGCACGACCAAGGGCGCAAGTGAAGCAAACCCCGCAGGCCAGC  
GCACGGCTCGCCCTGCAATGGCGCTCGACTTGTGCGCTCGTTGATAGCAGTC  
CCGCACCATCCAGCAACACCCACCATCCAAGCCTAAACACAGCATGGAGAACGCTAT  
GAAAATTCTGTCGCGTACCGCCGCACTGACCGTCGCCATGGCTTAGCAGTTGCCGG  
CGGCTCAGCTATCTACGCGCCGGCACAGGCCTGGCTGTGCCATTGAGCAA  
TCTGGTAACCCAGCTGCAACAGAGCCAAGAGAGATCAGCGCTACGCCAAGCAAG  
TGCAGCAATAAGACCCAGATGGATCAATTGAACCTGAGATCCAGCAGGTGCC  
AACGAGGCCGCAATCTGCCTCACTGCCGCAATGTGTTGGCGAGTACCAAGCA  
GGTTTACAACCTATAAGCAGAGCATCAACCAGCTGCGCGGGAGCATGGCGAAGC  
TGCAAAACACGCGCGACATGTTGCCAGCGCTATCCCC

>CONTIG\_269\_length\_1551\_cov\_7.861657

TCGTGACGGTGCCAGGTAGTGCCAGGCATCCAGCACGTGGAGCTGGCGCAAGTTC  
TCGCCCTCTCTTCCAACGCAATCCGGCCATGAAAGGGCCAGGTTGAAAGCTCTAGA  
CGAATGAGTGCAGCCGTAGGCCTTCGTGCTCCAGGGTCTCACCTCCCGAG

CAAGCGCCGGCGCAGCGCTTGAGCATGGCCCCGAAAGCACGGGCGACCCGAGGGTA  
GCCGCTCAAGCCCCACCAGGGCGTAGCAGAGCCGGTGGTCATCGCGATGCGCCGC  
AAACTTTTGAGCGGACTGCAGGGCTGGAATAAAGCCGTAGAGCATCGGAGAGGA  
AGCCACATCGTATTCTGCCAGTGGACATGGACACCTCGCCCCGATAGAGCCGGA  
TGGAGAACTGCCCGGGACCTTGCAGCAGCTTGTAGAGCCGATCTGACGTT  
TGACCATCTGTGCCTCCAACAAGCGCGCCAGTGTCCCCTGCCATGGGATACAGG  
AAACCGAAGTCGTTGTCGAGCAGTGAGGCTTCCAGGGTGCAGACAATGGTCCA  
TCACCCGGGTGCGCACGTTGACGCTCTGCCAATGTAAAGCGGTAAACAAGCCTCCT  
TCCCGTAAAGGTGTAACACCCTGCCGTGTTAGGAAGTGCTCCACGCAATCGCGCA  
GATGCTCTGGTAGGCGTAGTCGAGAGCGATGGATGCGCGGGCGCGCTGGCA  
CTACTGGGCATGCGATGTTGTGAAGGCAGCAATTGTATGGGTGACACCTTGGTCAT  
GGCAATCTCAGTCTGTGCGACTGCCTCCCACCGAAGGAGCCTCGTCCCACAAAATT  
AATAGGTCTCCTGCTGCTCATAGCGATCATTGATCATTGCTTATGAGCGCGTCG  
CCGGCGTGCACGCCACAGCGTCGCTGGCTGCTTAAGCTATGCAGGACTTCAACTACT  
TCACCTGCACTATTTAGCCAATGCTGCTCGAACCGTCAAAGACATGGACCGAGGA  
ACGGAGAGACACCAACAACCAGCCTGCCTTTGATGCGGTGCGGGATAGG  
GTAAGCATTCTCAATCGAGTCAATCGAGAACCGCTCCCGCAGTACATTGTCATCC  
TTGGCCCTGCTCTGTTGGGTGTTGCTGCTGCGTCTTCGAGCAGCTGCTGGCG  
GACCTGGGTCTGTAATGGCTCGGCTTGCTGAAGGTTCTGTTGCGCCGGTTCTGC  
GCGGCTTGGCGGCCATCGACATGGCATGAAACATTGGCGCAGTCCCACCCATT  
GGCGCGTAGACCGCAAAGACATTGTATGCCCGTCTGGCCTAGCCCCCGGTGACC  
TGGTCCACTTGCTTCAGCAACGGCTTCAGTCTGCTGCTTGTAGAGCGAGGCAGTG  
ACGTTCTGCTCTCGTCCAGTTCCAGTGCCTGCACCCAGGCATGGATCT  
GCTGATAAGGTGTGGTGGCGTGGCGTGGCCAAACACCAGGCCGGG  
GCGGCCCTCCTGGC

>CONTIG\_270\_length\_1519\_cov\_20.356322

GGAGTTGCATCAAAGCCATCATGGCGGGCTTGCTCGCTGCAAGCGCACTGCCGC  
GCCAGGACGATCACTTTCAAGGCACTCCCGCACGGCAGATTGATCGGGTAACTCAC  
ACCAGCCGGAAGGCCTGACCGCCCTCGCGTATGCTGATAGACCCACTGCACGGC  
TTCCCAAGAACGTGCATGGCGAACCTTCTCGACACACTCGACCCAGCGCGCTTC  
ATCTCCCGCTGCCGGTCTGATCGCCAAGGGCAGGTGATTCCACTGTAGGTTGAC  
GTCAGGATGGCATCGACCCAGGCAGCGCAGGGTCGGTGTAGGTTGGAAAAAG  
GACATTCAAGATCCCGTATACGACAACGGTAAACCGGGCTGTGCTGAGCGTGA  
CGCCAGGGCGGCCATCGGTTGGTCAGGCATGGACGCACCTAGCGCTGTAGGTCG  
AGTCAAGACCAAGCGCACGCTATAAAGCAGTGCTCGAGCGCCGAATACAATCGTGG  
TCAAGCACCAGAAGCGCAGTCCCTGCGAGGGCGAGCAGATAGGTGTTGATAGTC  
ATAAGGAATCTCAAACGAACAAGTCGTCGTATGGCAGTGGCTAATGCCCTGGCA  
TGGTCGATCTCTCGCGATCCTGAAGGCTGCCTCAAGTCGCCAATGCCAAACTCC  
TGCATCACCTGGAACCGCTCGGCTTCTTCGGCTCTGTTGGCCAATGCGAGG

TAGAGGCTAGGCGGCAGTCACGGAACAAGACTTCCATCGACTTGGACAGAACATCAC  
GCCTTCGCTGAACCTGCCAGCCTTTGCGAGCCGACAGCATTAAAGCCTCTGAGC  
GGGGTCAACTCGCGAAAACGCGCGATCTTCAACCTCATCCGGCGGCATCGACAG  
GCAGATCCACCATTGATCATGTTAACATTGGTCGGCGGACTTGGGAGATCGTC  
CACGTTCTGAGTAGCGAGCCAGAACCCAGGGCGCCAGCTTGCACATCTTGGTGT  
CTTCACCACTGTAGGGTGACAGCAGCGGATTCTGGTGTGATGTGGCCTCATCGGT  
CACGTTGACGATGGGCCTCCCCAGAAATTGATCACGCTCGGCAATGTTGTAACCGT  
GCTGATTAGGGAGATGTAGGCAATCGACAATTGGCGTTGTAGCCCTACGCGCAT  
ACGTTGCTAGGTCCACGATGGTGACGTCAGCTCCGGCCACGGGGTCCGGGCGAT  
CAAACATCTCGCCGTCCGAGCCTGGCAAAACATGTCCATAGCGTCCGCCATTCAA  
GCAAACGGGAACGCCGGATCTCCGGAAGCGTTGAATCACGGCCCGCTCGCGTAAC  
GCTTCACGTACGTCGCAAGTGAGCACTGTGCGATTCTCTGCACTGCAACGCTGCGCA  
GCATCGAGTATGCATTGACGAATCAGCGAGCGGTCGGCGGGTCATTCGCGCCTC  
CTCCTGTCCTCTCCCCGGTAATCATCAAGCGTGCAGTGATTCGAG

>CONTIG\_271\_length\_1517\_cov\_44.436691

ATGAAGGAGTTAACGAAACAGGGTGAGAAGAAGACCGGTGCAACTGGCGGCCACA  
TCTTCTCGGTCAATTTCAGCAATGGTGAGACTTCCTCTCGTGGCAATGATGAA  
GAAGAAGGGCGCGATCCAGCTCAGCGACGATCTCCAACCGACCCACATCGATCAGA  
TCGATATGTCCAAGCTGCATCAGGCCGCAAGGATCAATCTGACGAGGTATGAGAAG  
CATCTGTCGTACAGGATGCTGACACCGAGGATCAGCCAGATGCCAGCAGCGCAGC  
AGTTGAGAAGACATACCTTGTTCGTTAACCGCAGAGGCCGGAGGAGGAGGTCGCGG  
ACTACTTGTGATGCGCTCGGTTGCGTTAACGGCACTTCGTCCACAGCTGACCA  
CTAAATTATTGAAGTTGTCAGGCAGTTGTCCCGACAACGACAACCTCGGGACA  
TGCATCCTGAAATAAACAGGGTGTGTTGACTATCTCAATCGCTCCCAGACGAGA  
AGCCGGCTCTGCTTGACGAGGTGGTGAAGCGGCAAAGCAAAGTGAAGCCGCAA  
GATGCGGTGCATCTAGACATGCTCAAAGAATTCTCAATTAGAACAGTGTAGATT  
CCTGATGAGTTCACGCTGAGTCGCGAAGCGTTGAAGGCCACATTGGATCAAAGC  
CAAGAGTTGAATTGGAGCTTGGTTGAAACCGCAGTGTGGGACAAAGAAC  
CCGAAATCATCTATGATCCTACAACGAAGGGCGTAACCTCACGAAGCTCCGACT  
CAACGATCGACGGCGTGGAAAGACCGCTCCGTGCGGGCGAGATCCCTGATGT  
TCTCGGATGTTGTCGCGCTTACCGTCTGGCTGGCGCCCTGCTTGAGGGCACC  
GCTTCTCGTATCAAGGGCAATCACTCCTGAGCTGAGCGCGATATTGAGCGCTGTA  
AGCAACTCAGCTGGATTTCGGGACTTGACGATGGCCCTGATGTTGAAAGCGATG  
AAAGTGGATTTACTGGGATTAGCAGCCAATGACTCCGGCGCTTCTATCGCTCGT  
TTGACGAGTTCTGACAGATTGCGAGTCCATCCACAGAGGCCAGTTCCGAGCAATT  
TCTACTTGCTCGATAGTGAATTCTCCTCAGCAACTGTGGTGAAGGGCATGAGCAGCCCC  
CTGAGCTTGGAAAGACTGCAATCACTGTGCGAAATGATCCAGTTGCTCAAACGCGCTGA  
GCGTAAGCGGTGATCTTGGGCCATTCCGGCGTCTGCGCATCTCATCTCGTCA  
AGGCAGCTTCTGGTGGGTTGGCGCCAGAGACGCTTGATCTGACGACCCGCATAACA

AGGCAGATGCTCATCCCCGGCTCGATCTAGGGTTGCTAAAGACCTATTAGAA  
GAAGACGCCAAGGGAAAAGTTAGGACCGAAGAATAACAAGGCACATTTCGATTGGG  
TGTGGCCGATGTCCTGGCGACCGAGTCCGACATCGAAGGCCGATT

>CONTIG\_272\_length\_1507\_cov\_4.856522

TCTACCACCGCGCCAAGGCTTCGCTCATGCCGCTGGCGATCCTGCCCTGGGTGATCT  
ACTTGGCGCTACCGATTTCAGTCCACCCGCTGCTCATCTGCTCCCGAGCGCTGCGCT  
ATTGGGATTGTCACGAACCTCACCGCGGGCAGCTTAAAAAGCACCTCTAACATCTC  
GGCTGGAGGCATCCACGATATTTTAGCTGTTAGCTCTCAAGCAACTCGTCG  
TAGGTGATAACCAAAACGTCCTTGACGATTCTGAAAGCTCAAATGATGCCGG  
TCTTCTGGCGTCTCTGGTGATCTCCCGCGATGACGATGCGAGTGCACGGCAGCCACA  
TCGGTGCCGACTAGACCAGGGCGTTAAGCTCGAGCCAAAGGGTGTCAACCGTA  
TAGCGCTGATGCAATACCTGTGAGAGCTCCGGTCAGTTCACGGTGCAGCGCTTTA  
ATAGATCCACGATAATTCTTTCTAGCAACTTGTGATGGATGCTGATCTCAA  
TCAGAGCGATGTTGCCGAGCAACGCTGCCAGCAGAAAATCTACAATACTGTGG  
CCGTCGCCCTTAAGCGAAATGTTGCCGATGTAGGCCTGATCCTGCAAAAGGTAGACC  
GGATAGGCAAAAGCCAGTCCGAGAATGAAAGCGTTGTTGAAAAATGTTGCCA  
AGCAACCTCCTGATGATTACCAAGCGAGCATCTCTCCAGCCGCTCGTCAGCTCTT  
CAATGCAATCCGCTCGATGCTCTCGCTAAGGCCAGCACCGTCTCCAATTCTCTT  
AGCGGATTTCTAAATCTTTGTGCAGCCAAACGATGGCTTGCATCAGATGC  
ACTCGTGCCTCCATCTCCCTGGCTTGACAAATCTGACGATGGCCCTGCTTTA  
ACGCGCGGTCGCCTAGCCGGTAAAGGGTCGCGTCGATCGAGCTCAATAGTCGTTG  
TGAGTCGCGCAGATGCGCTCGTCAAGCGCACTTGTGGCTCGCGGTTATACCG  
TCTAATCCCCTACGTAGTGCCTCGAAACGGGCATAGCCCAGTTCATATGACGTAGCG  
GCCAATACGGCATGGTGCCTCGACATGTTGATAGTGTGATGCTAGCTACTTT  
TCCAATGCTGCCGAATTAGCCGATATTCCCATTCAAACCAAGACCATAATAGCC  
TTTCGGCTAAATCCTACAGGCAACGACTCCAGCAGTTCGTCAACGGCGTCGGAGGAT  
GAGCCTAACACATCGGCCGGCTGACGGCGCTCAGATCCTGATTTTGCCGTT  
CCGGCGCGTTGCAGGGTGTGCCCCGGTTACAGGCACACGCCACGACAGGC  
ATCAACTGCTTCGCTTCATCCAC

>CONTIG\_273\_length\_1484\_cov\_135.119381

CAAACCCCTCGATA CGGATTCTGAGCGGGAGTTGCACCGATGGCTGACACACCGGC  
TTTCCAAGGGCATCATGTCATTGAGCAAGCGGCTTCAGT GAGAGGCCATTGCTGCA  
GTCGCTTCCAGAACGCGCCTGTCGATCTGCATGGTCCCGCAACATCCTCAATCT  
TCCCGCTGACCAGGCAGGGCTGGCGCAAGGATGGGCTATCGCCGCACCCCGGTGGAC  
CGCTTGGGGCGTATTCCGAGGAAC TTGCGAACCGGCTGAACGACTGGAACGTCCC  
CAGATGGACAAGCCACGTTGCGCGCGATCAGGCAGGCCCGCAGCGCATCGCGGCC

AGAGTCAATGGTCTGACCGACACGCTAAGGTGGCCTGGTCAACGGCGATCTCGT  
GAGCAATACGCCGCACGGCATGACGCCAGCAGCGAACGAAAAATCCGAGCTT  
TTCATGGTATCTGCCGCTTACAGCAAAGCCATGCCGCCAGATTGCCGATGTAG  
GAAAGATGGCAGCAGCAGAACGCGCTGGGCCGGCGTAACGCGGTCTGAAGGCAA  
TGTCCAACGGCCTAGAACGATCGATCAGCCAGGATCCTCACCCCTAGTGTAG  
ATGGGGTGGTCGGCAGTCACTTGGCACAGCAGTTGCTGAAGCAAACCAAGCCGCC  
GCCTCCAATCACCAGAACCGATGGACGCGCTGCGCCTCACCTTCCTCAAGAAA  
TGCCTCCGGTTCTTGCACCGACCAGCGCCGTACCTCGGATTCCCGGTCCCAGGCG  
AAGGCAGCATCGTTACAGCGAACGGTCTTGACGGAGGCTGCCGGAGCACGTGGG  
ATTCTGGTGTCTGTATCGCGGTGCGGCTGGCGTAGCGCTCATGGCTACGACTTC  
ACTGTTACCGGCCACCGCGTTGTCAGCTAACGCAAGGCAACGACACCGGCC  
CGCCTCGGCAGCCACACACTCGTCGGCCGAATGCAGGGCATCGCTGGCGGCTT  
CCTGCTTGGTGCCTACGGCGCCACGGCTATGGACCGGGCAGGCGCG  
TCGCGACCGGTTGGCCGGCGGCCTGTCGGCGCTACCTTGGGAACGCTGGGCTG  
AGAAACAGGACATCAACCGATCTACACACAGCCAGACCGCAGTGGTAACGAGTGG  
ACCGTAACCGGAAGATCCCCAAGGCACGTGGACGCGCACGGTAGCGCTCCGTT  
GCCAAACGGCGTTATCAGGAAACGCGGCTGGTGTGCTGGCCCTGCCGACG  
AACTGAATTACCGCGCGAACGACTCGTATTCACTCGGCTGGCAAATCCACCA  
AAGCCGAGGATCCATACCGCCTGGATGCCAAGAACGAAACGCATCCGCCGCGA  
ACCGTTGAAACGGGCCGACTATGTGCGCGATGCGCAGACGGGAAGTGGCAGC  
TTGAAATCAGGGAAAATAT

>CONTIG\_274\_length\_1481\_cov\_39.074594

CGCGGGCTACATCGTCAGACCTACACCGACGCCACGCAGTGGTGGAGTACACCA  
GCTCTCGGTTATGCAGGACGCGGCCCTGCATGGCGACCTGCTGATGAGGTAGTCA  
CCGATGTGCCAATCGCCGACGCCGGCGATAGATGACAGCGGCAACGAGGCCTCG  
CCATGAGAGACGTCGCCTCAACCGCGAACGAGAGCAGAACCAAGGCC  
ATCGTCGGCACCCCTACGCTACCGTTGGCTGCTCGCGGTGTTGATCGCTCGCTG  
CTGTTTCGATCGCGTGGAGTGTGCGCATGCACCTGTTGGAAGGACCAGGGA  
TGGCGCCACTCCCAGCAGATGTTGCGACTCCGAACCTCTCCAGTCACCTC  
ACGCGCAGCATGGCGTGCAGGAGGCCGGCGCACGGCGCACGAGCTGGTGGATAC  
CGGCTACGAATGGGTGTTGCGCTCAGGCTGTTGGAACGGATGAGCCAGACCG  
CCGAGCGGCCACGCCAACGAAACGGACAGACGCGCAACTTCGCTACTACATT  
AGCCAAGTCTACGTCTGACCGAGAGCTATCTGATCGCTGCCCTCACGATGCTG  
ACCTTCATCGTGCCTGCTGGTCTGGTCTCACGCTGCCACTGATCTCACGGCAG  
CATTGTTGGTTGATCGACGCCCTGGTGCAGTGCCTGATTCGGTGC  
GTCGGGAATCTGGCTTATTATCACCAGGAAAGCGAGCCTGATGCCGCTGGT  
TGCTGCCCTGGGTGACCTACCTCGCGCTGCCGATCTCAGTGCACCCGTTGCTG  
CTTGCCAGCGCAGCCTGCTGGCTGGCTGTGAGTCTGACCGCCGGAGCTCAA  
AAAGTACCTCTAGACCATCAATCCGGTCGCCACGAGTTCCGATTGTTGCGGC  
CTG

AAGTCGCCTTGATCTCCACGATCAAGCCATTGCTGAACACACAGGAATGGCGCGAT  
GGTGGCTCAACTTGGCTACGCGCCGCATCGCGGTGCCACTTTCTCTGAC  
GGCCCTTGTATGGGGCAGTACCAATGGCGTGGCCAATCTCCGGCACAGCGCC  
AGGAACCTGGTCGCCGCCTGCGCCAGCTGATGCCCTGGAGCGCACCGTCGCGAAC  
AGCGCCGCGCATACCCCCATCACACCGGGGAACGCTACCACTCGACTACCCCGCT  
CTCCTGGCTGATCTGGCGCGTGCCTGGCATCCAGGACCACCTCACGCCATCG  
CGTCCCCAGCCGCCTGATTCCTCGAACTGGCCGGTACTAACGCACCGAGCAGCG  
CACCGAGCTGCCCGGACGACCGCGGAGGGCGAGCCATGAACGGTGCCAGATCTC  
GGCATTCAAGCCAACAGCGGCATCGCCCTCAGCGATGGCGACCGTGTGGTCG  
GCGTCGTGT

>CONTIG\_275\_length\_1468\_cov\_7.096197

CACCCGCACCGATCGCTACATGCTGGCCACCGCCGGCATCACGGTGATGGCGCTGTT  
CTGCTTCAACCTGCTCGCGATGGCTTGTGCTGATCTGGCCGCCTGATCGACAC  
GCTGATCGGTTGCGCGATTGCCGGCCCTCGTCTGATCCTGCCGGACTGGCA  
GGGCCGCCCTCAACCAGGTGATGCCACGGTCTGGCCAGCTGCGCGCTATC  
TCACCCAGGTGCTGGAGCAATACGCCAGCGCATGCGCACGACCTGCCGTACCGC  
ATCGCGCCCGACATGCATAACGCCGATGCCCTTGTGGCTGGCCTTGTCCAAC  
ATGCTGCGCGAACCGGGCGCTATCGCGCAATCTGGACGCCGGCTCCGCTTCTG  
GCGCTGTCCAACACCTTGTCTGGCTATCTGTCTGCACTGGCGCGCACCGCGCA  
CTCGATGGCGAACACGACCCAGCATCGCGAGGCCGGAGTATCTGAGCGCGC  
GCTGGCGAAATGCCACCGCCTGCGCAACGCCAACCGCTGCCGTGCACGACG  
AAACCGAAGAAGTGGCACCGCCGAAGCGCTGGAACAACATGCCGTGCAACTGCCG  
CCCAAGCAGCGCCTGGTGCACGACAGTTGGCACTGACCCCTGCGCTTGTGCCAAG  
CTGCGTGTGCGCGATGGCGTCACCACCGCGCAGCAGAGAACACAACGCGCTT  
GGCGCCCAACAAAGGCTAGCCTGGTGGTAGGCCGGATACCGCGCAGCCCATTGCA  
GCATCCATGTGCATATGCCCTCCGGCCATGCGATGCCAGTACCGCTACGTCCG  
CCCAATCACCGCCTCGTCTGGTAGCCGCGCTACTCCACTGATTCCGCGACA  
CGCTCAACCTACCCACCCACGCCAACGCCACAGCCAGTACCGCCCCACCGATCACA  
ACGCCGTTCCAGCCGGCTGCGCATACGCCCGTGCCAATGTCGAACCCACCGCA  
CCACCGATGAAGTAGCAGGTGATGTAGGCCGAGGTAATGCCGTGCATTGGG  
ATTGCGCTGATAGATCACGCTCTGGTGGCGATATGCAACGCCCTGACCGCGATATC  
CAGCAACAGCACGCCACGATCACGAAAGCGATCGATTGCCGCGAACGCCAGCA  
ATCCCCACGACAGCAGCAACATACCCAGCCCGCCAGCTGACCCGATGCCATGC  
CCGTGATCGGACCAATGACCCGAGCGATTGCCGCCAGCGCGCCGGCGACCGAT  
CAAGCCGAACAGCCGATCACTGCCGTGCCAAGCCATAGCTGGCCCCGACAACA  
AAAACGCCAGCGTGGTCCAGAACATACTGAAGCCGGCAAAGATCAGCCGCCAGC  
ACCGCGCGACCGCAGCACCGCATCGCGCAGCAGTGTCACTGAGCCAC  
G

>CONTIG\_276\_length\_1461\_cov\_8.352324

ATGTTATGTTATTCGTTAGTTAATTGAGTTAACGATGGCTGCGACGGTGCAGAC  
AACTCAGAAATTCCCTACATCGCGAGGGGATTGAGGCCTATGGTTAACAACCTAAG  
CGTAATTGACATTGCCGGACCGAGACCGATGGTCGCTCCTCGCGGACGATTGA  
GCAGCGTCATGCCGGCGCCCTGTAAAAAGCTCACCAAGCGACATCATGGCGAGTCCA  
GGTCTCGTTGGCGTCATGGCGCTGGATCAGCGAGAAAATCGGATTGCACTCGCAT  
CTTCGTCTCGCTGCTCGACAGACGTTGCTCGATACGGACCTAACAGTTGTGCAA  
GATTAAGCTTGCCTGAAGCGAGCTGATCTGCAACGCTATCCTCCTGGACTGCGCT  
TGCAGCTGTAATGGAATTACGAGAAGGTGAGATGGCAACAAGGCAGTAGCGCT  
AAAGTCAGCCGCACTGGCAGTCAGTAGTAGGTGGCATCTGGACGCACGAAGCAC  
GTAAGGACGACGAAGGGTCAACGCAGGGCATCTCCCAGAGTGAGACTCCAAATGCA  
GCGAACGAATCAGTCAAAGAACTGGCCCCGTCTCAGTCGATTGAAGGCGCGTCGA  
TCTTCGGAATGACTCTCGTGTTCGACATCCGTTCCAGAAGTGCCGAGAACTAGAGA  
CGGGATGAGCTTCGATAACGATCCTGGCTATGCCGAAAGCAAGGCCGAGCAGAAGT  
GGCTGGATCGTCATGGTTATCCAAACGAAAAGCAGCTAGAGGCTTACATGGTCGCC  
CGGAGGCCCTGCTGAAGCAGGCATGGACGCGGGTGATAAGTCGCTCAAACGATC  
TTGGATGCACGGTGTGCTTCAGACCCCACGGCGAACAGCGCTGGTGGATGCT  
GGAGCGGAAGGAAACCTCTTGCTTAAACATGCTGGCATCCTCCAAGGCCGAGC  
GCAAGCGGTGATCCTGTTGCTGCGTATGCCGTGCGTGTGGCGGAAATGCGTGG  
GATAACCGTGCCTCTGTTACTCGAGAAGTGATGATGCTAAAGTCACCAACAGAG  
CAAAGAATGCTGGGGAGTCTGAAGCCCTGCGACTCAATGCTGAAATAGATCGGAT  
CTATACATCCAAGTATGGCAGTGCACCGTATTAGATAAGGCCCGATGGTCAGTA  
GGTTTGTGTGGTTAATTGTTTAAAAGGAGTGGGGCTAAATGGGAAATTATGAAT  
AAAGCTGGCGTCGCTGCGATGTCAGTGACGGACTTATGGGGTTGCATTGCGTGC  
TCGGAACCTCCCATGCCGCACTGGTGCCATTAGGTGCCCTGACGCAGCTGCCA  
AAGTTAGCGACAGCAAGAACCTGCCATGCCCTTTATGGACAGGCTTATTG  
GCAGCGTCTAAAGTGCTGGTGAGGGGAAATTGGTCACAAACT

>CONTIG\_277\_length\_1456\_cov\_12.649360

GCGAGTGCCTGGGCCGATCATCCGCTTCGACCTCTGCCATCAAGCGCCTACTCA  
GGCTACTGTGCCGACGCAGCCGGCATCAAGTGAGGTGGAAGGGCTGCGCCTCG  
GCGACCGAGGGCAGAAGGTCGAGTTCTGCAGTATCGCTTGCAGCAAGTGGATGCC  
CGTGGTCAAACGGTCAGGCCGTGCCCAAGACGGCACTATGGTCCGGAGACCGA  
ACATGCCGTAGGCAGTCCAGCAAGACCAAGGTTGCCGAAACAGCGCTGCC  
GCCAAGACCTGGATGCAGCGCTGGCGCAGGCACAACACCGCGGCCGAGAGTCCTG  
AAACCCACGGAGCCGGATTGCAAATGGGGCGGTGGAGCAGGGCAGCGAGCAGC  
AAGCCCGAGTAGGCATGCCACAGAACGATGCGCCATCGGCTGTTCCATTGCAAGGTA  
GAGCAGCAAGAGGGCAGTCAGGCCGTCGCCCCAATTCCAACGCAAAGCGAAGT  
GCCGGCACAGATCGTTGCCTGAGCGCACGTCGCTCCTATGCGTCTTCACCCAG  
CTTGGTGGTGCAGCCTCCGCTCAGACGCACGCGAACACGATGAGGATCAGATCG  
AGCAAGCAAGGCCCTCCCAAGATGACGCTCAGCAGGCCATTCCCTGATCATCGG

GATTACCGCGTTCTGCCATCCAGGCGCAGCTCCGAAGGGCACATCTGATGAG  
AAGACGGCGAGGTGCTGCATGCCGTAAAGAGTCAGGGATCGAACGCGCGGATGA  
ACTCCGGAACGTGACCATCCAAGATGATGTCGCCCTTGTCTTGGCAAAACGCCGGG  
CTTCATTGGAAACCTCGCTCAACACGCCATGCCCGCATCAATGAGACCTTGCA  
GAAGACAGAGGCAATGGATCAGCAGCGGGCGCAGGAGATGGTCAATTCCAGCGC  
GAGCGCGAAGAAATCGACAAGAACCAAACAGGTCCCGTATGACGCTTGCTGCCA  
CTCTCAGCAGCAGCGATGTCTGGCGCGATGGAGGCAGGTGGTGTGGTATGGGGCG  
GTTGAGGCAGGTTGAGGCAAAGATTGCCCTCGCAGGACTGCCAGTTGCAAGC  
AGAATGCCCTGACCTTCTTATGTCCTAACAGAGATATGAGAGCTAACAGAGAGT  
CGTTGGACGCGATGCGAACGGACAGTCGCGGGTTATGAATTGGCTTGACAGTT  
TAATTAAATATTTAAATATGCCATTCAAGGTATATCGATAGAGGGCTCGCAAATCGA  
AATTCGTCGGCGGGACAGCTTATTCAAACAAACAAGCAAGAGCGCACTTATGGTT  
CTGCTTGAGAAACCGTGCGCCAACGCTGCGCGTGGCTTCGCCACC  
TCGTTGCCATGCTCGCTGGCAACACAGCCACTTCAAAACCTCGTG

>CONTIG\_278\_length\_1429\_cov\_9.754224

ATGTCGTGCAGCGTGTAAACGCTGCCAGCGGCCACCGGCTGCCGGGTTGCCACA  
AACCCGGTGCACGTGGACAGGTAGAGCAATGCCACGGACATGCCAGCAGCGA  
ATCGGCCCCGTCCGAACGCAGCGCCGGACCCCGCTTAATGCCCTTCCAGGGCATA  
GCCGGCCACGATGACGTGGCGGCTAACCGCATCCACAGGGAGCCTCGTGGTGT  
CCAGGCTCGCACCAGCGCTCGCGTGGCATCGAGGACGGCCGGCCGGCGCTTC  
TTGCCGGACGGCGGCTGGCTGACGCCAGCGCACACGCTGTGCGGCCGGCGCT  
GGTGGCGGTGGTCTGGCCTGGTGCCTGTGGCCTGTCTACTGCTGGCATGTC  
CCCGGCCGATGAACGGCAGCGGGCAAGGTGTTGGCGTTAGGCCTTGCATCCT  
TTCCCTCTGCACGGCTTCGCCGGGATTAGGATGGGGTATCACTGTGCCCA  
TTGGTCTGGTGTGCCCAGTCCAGTGTGAAAGGGCCCTCGCCAAGGGCGGT  
TTTTCTGGGGCTACTGCGTAGCAGCTGGCCACCGCGTTGTGATAT  
CGCTGCCAAGTATCGGCCGCAGCCCTAAACCGCAAGCAATCCCCGTGCAACAA  
CCATTGCACACCGCAGCTGGCATGCGTTGCCCTCGCACCATCACTGGCCGGCAT  
ATTCGTTGGGCTTGCTCGACATGGAACGCGTGGCTGCCGGGAATGCGCCGG  
GGATCAGCGCCGGCACTACCAGGACGCCATGCCGGCGCTACGCGCCTCGATCA  
CCGGGGCATGCGCACTGGCAGTGCAGTGCAGCTGCCAGCTGGCGGCCCTCC  
AAGGTGAGAACGTAGTGACCGCCGGCAACGACCGAGCGCAGCCACGTCCCGAATAC  
CGCTGCCGGCAAGTGTGAGACATCGAGCGCCGCCAGCCGGCACGGTGCAAT  
ACGCCGGGCTGCCACGTCGCCAGCTGTGCAGCGAGGTGGACGCCAAAATGCGGC  
TCTCCGTTCTGACCTGGTGGCGACGTGCAAGCAGCAACCGGTATGGCGGTGTGA  
TAGCTGCCGGTGGGGGGGGCATGCTGGATCTAGGCCTTCCATGTTGGTCC  
TTCGATTGCTACGGTGTGCACAACCATTGCACACCGTGAGCGTAAAAAAAGCTG  
CCGCCGAGCTGCTAAATCACCGTAACCTGACCGAGTATTGCCGGGCGACCGTCCAA  
GGTGGCGTAGCTGCTGGACAGCTTGACGCCATTGCCGGGTTGACGCGCTTG

CGGATCGGCTGGCCTCGTACTGGCCTGGAACCAGGGTGGTGGTGCCGGACATG  
TTGCCGGTGTCCCT

>CONTIG\_279\_length\_1425\_cov\_154.817411

TGTCAGCCGACATCACCGACGAAGCGGGCGCTTTGTCCGATGAGACGATCAAG  
CGTGCCTCACCCGATCAGAAGAGCTGACCAAGGAGCAATTGCAGACGCATGACTT  
TTCCGGCCAGCGCGAACCGGAACCTGACCGTCAAGTCGAAGAAACGAGCGCGCG  
ATGCAGGAAGTCGCTCGCAAGATCTCAATCTTGGAAAAGAAATACGCCAAGAACAA  
AGAATTGTTGAAGACCATTGAGCCGCTGCTGAGAAGTATGTGTCAAATACAC  
CTACCTCACCTACGAAAATGCTCTTGGATGCAGAGGCGCAGATCCAGGATGCCCG  
CGCGCAGCAGTCCACACTCGCAATCACGTGCCGATTGCTGGGTGAAATCACCG  
AGATAAAGACAACCGCCAGCAGACAAGCGAGTGAATCGAGCGAGAAATCCAC  
GATCGAAGATCAAGTGGCAAGAGCCAAGTCCGATCGTCTGCAAACCATCACCTCAC  
CCTTGAGCGGCACCGTTGCAGCAATCTACGCATCCCAAGGTAGCGCATTGGCACCG  
ACTCGATCATCGCGTCCATCACCCCAAGCGAGTCGGTGGTGAAGCTGAAATCCTCA  
TTCCTCAAGAGCCATCGGACATGTGAATGTCGGCACCGAGGTGCTGCTAACATCG  
CCGCATTCCCAGAAAGCAAAATATGGGCCATCCAGGGCGCATCGCATCGCTGTCG  
ACGCAAACGAGTCCCCTCGGTGAGTTGGAGCGCCGCTATGGTCGCCAGTCGCCAC  
CGAACCGGTTACACCAGCAAGGTGGCTTGCCTCTCAAACCATCGGAGTCGCCCCA  
AGAAGCAAAGTCCTCCTGCCGGGATGGAGGTGGACCGAGCTGATCTGGAGG  
GCCGCAAGATCTGGAGTGGATTTGACCCCTCCAAACCATGGGGTCGCGCTGTA  
CGGGTAAAAGCGATGAAGGACGTCTGACACCATTGCCAATGGCGATGCCGAGC  
CGGATCGCTCTGCTGAACCAAGCCTGGTGTCTCATCAAAGCGCCGTGCGCATA  
TCCGCCAGACGGAGTCCAGTGAATGCGGCCTGGCCTGCATTGCGATGCTGCTTCC  
ACTATGGCCATGAAACTAGCCTCGGGAGCTTCGCAACCGCTTACGGTGTCAACCA  
GTGGGGCAACGCTCGCTCGTGAATTGAAATCGCTGATGCCAATGGCTCACACGC  
GTCCGCTTCGCTTGGAACTTACGAACTGCCAAGCTGCGCTGCCCTGTATGGTCCA  
CCTGCACCACGGCACTTGTGCGTGTGACGGCTGTGCGGGCGGGCATGTGCACAT  
CAGCGATCCCGCAACAGCGTCAAGAACGATCAAGCTCGATGAGTTCGATGAACCT  
TTAGCGGCATTGC

>CONTIG\_280\_length\_1410\_cov\_17.885425

TATAGGCGCGCGGTTGGTAGGTGAATTGCAGCGAGGACATGTGCAGCGCGCCG  
CGGTGATCGCGCGGAACAGCTGCCACGTCACGACGGTGGCGTTGTCGTTGGCGT  
GCGGCCAGCACAGGCCGTTGCGCTTCGGCGCGCGGGTGAGGTGGCGGG  
TCATGCGCGACCTCTGCCGAATGCCTGGATGGCCTCAAGGTGGCTAGGTAATA  
AACGCAGGCGATGCGCTCCGCTTCAGTGAAGATCATGCTGCCATGAGAACGGCGTAGCCGTGG  
TGGTCCGGTAGCCAACGCTGAAGATCATGCTGCCATGAGAACGGCGTAGCCGTGG  
GTACAGTCACAGCGCTGCCGTGCCAGTGAGCATAGGACTTGTGCCGAAGTACTCG  
CTCCAGAGGCTTGTGGTCTGCGCACCGTAGCTATCTGGCGATAGCATCA

GTGATTACAGAAGCCCGATCATTCCGGCAGAGGCACACGCCGTAGACGTCCAG  
CACAGATTCGCGATTGGACTTGATCGAGGTGACCCCACCGCTGACCAGTGCAT  
AGCTTCCTCGCGAAAGGATCTCTTGCATCCTCGCCTCCACAGAAGATGC  
TTCAAAATGCGCAGCCAGTTCAAGCCGGTGTCTGGCGGGCTCGTCAGC  
GATGTTGGTATAAGTGGCATGCCGATTCCCTCAGCAGGTGAGTGCCTGCACCGGG  
CCGTGCCACAGCGCAGCGTTAAGCCGGATCTGCTCGGATCACGGCGGAT  
CGGTGCAGCCTGGTCTGCAGCGCCGCTGATGTCCTCCGGCAGAGCACGCAGACGTT  
CAGCACGCCCGTTCTGCACTGGGAACACTCGGCTCATCCAGGCCAGTGAGCT  
CGTCAGGTGCGAACATCAGGCCGCTGCTGGTAGCTGGCGTTGGCCACGGG  
GAAGACCTGCTGCATGGCGGTAAACATGGACGCCAGTTCCGCAGCGTACAGCT  
TCGAGGCGCGCTCGATGGTCAACGGCAGGAAGCCGAGCTGCCAGGCCATCGCG  
GTGATCGTCAGCGGTGCGATCTCGCGTTGATGTCGCCAGCTTGATGCGCACGACC  
TGCGCCGGTGTGACGCTGCCAGTGACTGACCGCCTGAGAGAGAGCGGGGGAGAG  
GGCAGCAGGAGGCCGCCACCGGTGCCGGCGACGCGACGACCGGGGGCGGGA  
GCTGGGGCAGCAGCGGGCGCTGGTGCAGGCCAGCAGCAGCACACGTG  
CTGCCTCGGCCTGTGCATGGCGCGCTGTTCTCCTCGCCTGCTGCTCGCG  
CGCCAGCTTGCCGCTCCTGACGAATCTCTCGCCTGCGCTCCAGCCGCT

>CONTIG\_281\_length\_1406\_cov\_11.476935

CTTCTTGTGTGGCCGCTACCGCGCTTCACGCCGCGCGCGCGACTCAGGAC  
GGTACGGATCGCCCGTTTCGACGGATTGGTCGATGCTTGAGTCGATGTGCCTG  
CGACAGCACGCCACCCGGTGGCGGACCGTGGCCAGCGTCCACGGTCCAGCTGG  
CTTGAGTCCCCTGTAACGAGAGCCTGATCGATAGTCGGCGGCAGCTCCAGGCCA  
GCTCGCCCTCGGCCAGCGCCATCACATGATCAACCACAAACTGCAGCACCGTT  
GCTTCGGGAGAGGCCGACAAGCCTCTAGTGAAGGCTACTGCGCAGAATCACGCC  
ACTTCGCATAATGTATAGTCGGGGTCGCCCTGGAATGCTTACCAACCGCCTCAGCG  
CGCACGGGCAGGGCGAGCGATAACCCCTATCGCTAGGGTCATGGCAGTCGAGCCAA  
CTTGCGCCATACGGCCTTTCATCGCGCTGATAGCGCGCCTCCCCGACAATTCC  
AAGCACCTTGCAGTGGCTCGCCGGTCCATCCGGCTATGGCAGCGCACACAG  
CATCAGCGCAGATAGCCCCTCGCCATCTGCTCACTGCGCGCGTCCAGTCA  
TCTTCTCGCCAATGATTGCTGATTGACCCCTAGAACCGTTGCACCGGTCCAG  
CAGGGTGTTCACGCTATCCATGTTCAGCCCTATTGACATGTATGTTCAGGGACT  
ATACATACGCCGATGTTCATGGCTTGAAACATTCCGCCCTGGTACCCCCCAG  
GGGCACGGGTCAAGGGTAGGGTAAGGGATAACCCATGGAATTCAAGTTCAAGTCA  
CCGCTACGAGCGCCGCTGGTTGTGCTGCCCTTGTACTCGCAATGAAGCGCG  
TGATGACGTTGCCAGCGCATCGCGTCTTGTGCCGATGGCTCAAGCACGGCA  
TGTGGTCCCGACTTCCCGTGCAGCGCGTCTCCAGCAGGTGGCCGATGACAGGC  
CTCATCGCATTTCGCTGCTCGGTGTTGCCGCTCGTGTGCAGCATGGCACCGCG  
GCCTCGTCGGTGGATCTGGATCGCCGTGACGCCGCAATTCTCGCCAGCTCGCG  
AACAGGATCTAATGCCGCCGCTGAGCGTGAGCATGACCGCGCTTATTGATTACG

TTGATCCCGTTGCAGCTGCTGAGGAACGCGCTGATCGTCTAACGACGCCACGA  
TGTGCGAAGCGGAGTGGTCACGATGAGCCGGGTCAAGTTATGCCATTGCGTAGCCG  
GTGAATTCTCAGCAAATGCCGTGGCCCATTTCGGCGTATCTCGGTGCGGT  
CGTTGGTGCCTTGGCATCAGCACTGCTCACGGCATCAA

>CONTIG\_282\_length\_1404\_cov\_4.573218

ATCGTTGACCAGGACTTCTGGCCATTCCGGGAAAGAGGTCCCGTGCGGGACCGT  
TCGATGGTCGAGTCGTTGACACTGCGACGTCCCGAGTTTGCCGCCGCTGAGATC  
AAGGTAGCAATTACCAAGGTTGTGACCGATAACCTCGCGCTAGGCCGGACGAGTT  
GGTGTGATCGATCGCGTCAGCTGGTTATCGGAGCACTAGCGCGCAGCTCGTCA  
GCTCATTATCGATTGTGGCGATGATCTCATCGGAATGGCTTCTGATCGATAAGGA  
CGGCACTTGGATGTTGCGGGCTTAATTAAATAAGATGAGATAATAATGATAACACT  
GATCCAGGATTTATTAAAATTAAAGCCGCAGTGGTCGAAAGAACGAGAGCAAG  
CAAGGCTCTCGCATTGAGAGTTCTCAGCTGATAGTGAGGTTCGTGCAGTGC  
CGGCGATTTGGTGAAGGAGGGCAGTTGGTCTGTTGATTGCGGATTGAGGATG  
TCGAAGGTGATGTCGGTGCCTAAGGGAGGGTTGACTGAGGTTAAGAACATTGT  
CGAACATCAGGCAGTCATCTCTCGTGTGGAACAACCTATTAAATGTGATCCTTA  
GTGCTTTTGCCTAATTGGATCTCCTGTGGTTGAATGAGGCTGAAAG  
TCGAGCGGTCTCGATTACTCCTTATATTGGTCCGGCTGTGTCGAAATAATTGCG  
GGATTGGCCTGTATGTTGAAGGGAAAGCGAATTTCGGAATTGGTGTGATGGG  
CTATTTCCTCGCTCCGCATCGTTCTATTCTGTGTCGTTGCCTACGCCCTTTC  
AAAGGGATATTGGCTACGATGCTTCCCAGTCTCTGGGGTTCTGCTATTGCCG  
CTTCTATGGATTCTCGCGTTGATCGAAAAAAATATCAATTGGAATCGTGTCC  
TTCTGGGGTTTCATTGGCTGTAGTCTTGCCTCGCCCTGGATCTATGTTGTCAG  
TGAATACAAGTTGGAGCGGCCTGGCTTAATTATGGAGGGCGGTGATAAAATTGGT  
TAGTCACTGATGTGAATTATCATGACCGCTAGCATCAGCCACCAAGCAAGCAACTGT  
GATGATTATCGAGAGTATCAGCGCTATTCTGCTCCAGGCCCTACATCGTATTGTTA  
TTTCTGGTGCCTCCTATTCAAAATTCCAATAAAATCAATAAAAC  
ATTATTAATTAAAGTCAAGATATTGGTATTGGTAGATTGTTATTGTT  
ATTGGTCTAGGCAGGCAATTGCGTGGGACAGCTGCGCACGCAGTTGGTGCACGCG  
TGAAGCTTGGCTGCGCTGGAAAGC

>CONTIG\_283\_length\_1402\_cov\_5.178824

CAATACACGACCAAATCCGCCGGCTCAGGGCGCTCGTCGCCCCCGTGGCCAAGGCC  
AGGGTTAACGCGTTGACTGGCGCAGCGCAGGCACGCGCTCGCCAGTTCCGG  
GTTTCGGACTCGGAGAGCATCAAGGCTATTGGGTGAGAGGCCGGCGCGTCCGG  
CGCTGGGGTTGGTGAAGCTCGGTATGGCGGGGCTCGTGGGGATGGCTG  
GGCAGCTGCGCGCAAGCGCGCCAGATTCTTGCAGCTTCCAAAAGCGCTTGC  
CGTCAATGCCTGCTCCACGTGAGCAAACGGCCCTCGCAGCGCCTGGCCT  
TGAGTGCTCGAACGCGTGGTGTGGCGGTACGCGGGTATCAGCCGCTTGGCGGA

CGCGGTGTTCCGCCTGGCGCGGGCAAGCGCTGCCACGGCGGGCTGCGTG  
ACCGCTTGCCTCGTGTGGTCGCCGGCGGCTCAACTGGCTGCCGTGGCGAAA  
TCATCTTCTGGACGGCGTCCGCCCTGCTGGCTCAATAGCGAACGGTGGTCCACGCCG  
GCCACCACGCCCTCGCTGGCCAACATCGATTGACGGACGTGGCCCAGAACTCGCG  
CTCCGTCTCGCCAAGGTCGGTGTGGCTCGTTGCAGGCAATCGGGTCCAGCGC  
CACAGCCTTTCCCCAAACTCCGTCCGGTTGACGCTGCATGCACTGAGCAGAAT  
GTGGCGTGGTGTGGCGCTCGTCCCCGCCCTGCTCGTTGTGGATGGCCACGTC  
AGCGGCCACGCCGTAGCGCTGCCAAATGGCGGGCAAAGCCATGCCAGTTCTT  
GGCGCTTCTCGGCAGAGAGCTCGGCAGGAAGGCCACCTCACCTCGCGCAAGTG  
ATGGCGTCTCCGGCTTGTGATGGCCTCAACCCGGTTCAAAACTCGGGCCGGTCT  
GCGGTCTGTTGCCGGGAAGGCAGAGCGCGAAAACCGCGACGCCCTGGCGACCGT  
GTAATCGTGGACTGTTCCGGTCAAGGCAGTCTCAATCCGCACCCCTGCACGATAAGC  
AGCGCCAGCGTGGACGAATGTCCCCCTGAGCGCGAGTAAGCCTAGCAGTGAGGT  
GGTAAATCGCCAATCCGGTCTCCGATCGCAGCCCCCTGGGGGGCGAGAAATGGGGG  
GAGAGGCGTCACCGAAGCGTGGCGTTGGGTGTCGGGGCGTAGCCCTGACCGC  
ACGTAATCCGAAGGGATTACTCTAAGTGCCTCTTGTGTTCTTGGCGCTTCG  
CACCCGCATCAAACCAAGAGAACCGGGCTGCTCGCTGCGCTGGCCCCCTA  
AATCAGAGTTACATGCACAACGAACTGTCAAGTTTAGCCAAA

>CONTIG\_284\_length\_1393\_cov\_33.132701

CGTCTCACCGACGTGTTGCGCGCATGGCGATGCCAAGAGAGATCATGGACATCCC  
GCCCGCAGGCCTGCAGGTGCTGAGCCGGCTGCACGCCATCGAGGGACAGGCCG  
ACAAGCAGCAGCTGCCGCTGTACTCGGAAGCCGACTCGCATCGAACCTGCCAAG  
TGGTGGGACATCGTTGCCAACGGCAAGAAAACCGCCGATGACCTCATCGCGATGTT  
GCAGACCGTGCCTCACCGCCGAGCAGCTGAAGGAAATCCGCAATCCGCCAA  
CCGATGTGGATGAGGGCCACGAGCAGAACGACGTCCAGGCCGCTGCTGGCGGCATT  
ACCCAGACCGCAGTGGAGCGTTAACGATGAAGACCGTCAACTGATCCAGGGCACC  
CCGGAATGGCATGCCACCGGCCAACCCACCTCAACGCGAGCGAACGACCGGTGAT  
GCTCGCGAGTTCCGTCCGTACCCGAGCAGCTGCTGAAGGTCCCGCGACCG  
GCGTTGAATCGGAGATCAGCTGGTCTGCAGCAGATCTCGATGACGCCATCGCT  
TCGAGGCCTCGCGACCGCTGGCAGAGGCAGTCGGCGAACGACTGTACCCG  
TGCCTCGCGTGGATGGGAAGCTGTCTGCATGTTGACGCCCTGACGCTGCTCGG  
GATGTGCTGTTGAGCACAAGATGCTGAACGCCACGCTCGCGCGTGCATGACGGA  
AGGCTGCACCGGCCACCGACCTGCCGTCTATCACCAGATCCAAATGGAACAGCAGC  
TGATGGTGTCCGGCGCCGAACGAGTGCTTTCATGGCGTCGGAGTGGACGCCGATG  
GCGACCTGATCGAACAGAGCGTCACTGCTGGTACGTGCCAACCTCGAACGCGCCAG  
CGCATCGTGGCCGGTTGGGAGCAGTTGAGCGTACGCTGTTCTGACGAAAGCCACG  
GCGGCCATTGCGCCTGCAGTTGGTCGCGCTCCGAGCACCTGCCGTATTGCATATC  
GCTGTCACCGGCATGGTGACGGCATCCAACCTGGCCGAGTTCTGCTGGCTGGCAATG  
TCTGTGCTTCGCGCATCAACCGCGATCTGCAGACGGATGAGGACTTGCCGACGCC

GAGCAGACGGTGAAGTGGTCAAAGGCGTCGAGGATCGGCTGGAAGCAACCAAGC  
AGCAGATCCTCGGCCAGACCGCTGACATCGACCGGTGTTCCGGACGATGGACGAC  
GTCGCGGCCGAAGCGCGCGTGCAGCTGGAGCTGGACAAGCTGGTCAAGGTCGA  
GAAGGACAACCGCCGCACCCAGATCGTGCACACGGCGTGCAGTCGGTGCAGGATC  
ACTACGCGTCCATAAACCGGGACTCGATGCGATGCGCTGG

>CONTIG\_285\_length\_1393\_cov\_31.466825

CCAGCGCATGCGCATCGAGTCCCCTGTTATGGACGCGTAGTGATCCCGCACCGACT  
GCACGCCGTTGGCGACGATCTGGGTGCGGCGGTTGTCCTCTGACCTGACCAGCT  
TGTCCAGCTCCAGGCGCACCCGGCGCGCTCGGCCGACGTCGTCCATCGTCCGGA  
ACACCGCGTCGATGTCTCGGGTCTGGCCGAGGATCTGCTGCTGGTTGCTTCCAGCC  
GTTCCCTGACGCCCTTGACCACTTCACCGTCTGCTCGGCATTGGCGAAGTCGTG  
CCGTCTGCAGCTCGCGGTGATGCCGCTCAGCACTGCCATTGCCGACGCCCTGAAGT  
CGGCGAGATTGGAAGCGGTACCATGCCGGTACGGCGATGTGCAGCGACGGCAGC  
GTGTCGGGTGCGCGGCCGACTGCCGGTCCGCTTTCCACATGTTGTAGGCG  
GCGACATCGGCCTCGAACTGCTCCCAGCCGGGACGATGCGCGCGCAGCTCCGC  
GTTCGCGTGTACCAAGCAGTGGCGCTGCTCAACCAGCTCATGCCGCGCCACTCGA  
GCCATGAACACAGCACGCCAGCGGCCGACACCATGGCTTGCTGCTCCATCTGCAC  
CTGGTAGACCAGCGGCAGATGGAGCCCTGCAACCAGCTCGACCATGCCGCGCA  
GATCGTCGTTGAGGCTTGTGCTCGAACGCAGTTCTCAAGCAGCGTCAGGCCGT  
CGAAGCTGGCCGAGTACTTGCCTCGGTGCCGACACACGGGTACAGATCCTCGCC  
ATGATCTGCTCTGCGATGGACGGCGAGCGCCTCGTAGCGGTGGCCATGGCAAA  
GCGTTGCAGGGTGGCATCGTGTGTTCTCACCGATGCCATTCCGGTGGCGACTCGCG  
CAGCTGAGCGCGTGTCTGTACGGGCTGCAAGCCAAGCAGTCGCGGTGCTCG  
GTTGAGGTGGGTGCGCGGTGGCATGCCATTCCGGTGGCGCTGGATCAGGTTGAC  
GGTCTTCATGCTCAACGCTCCACTGCGGTCTGGGTGATACCGCCAGCAGCTGC  
ACGTCGTTCTGCGCGTCGCCCTCATCCACATGGTTGGCGGATTCGGATTCCTCA  
GCTGCTCGCGGTGAAGCGCGCACCGTCTGCAACATCGCGATCAGGTATCGCG  
GTTTCTGCCGCTGGCGACGATGTCCTACCGTCTGGGTGATGCCGAGTCGAAGTC  
GATTCCGAGTACAGCGTCAGCTGCTGCTGTTGCGCTGCTCGATGGCGTGC  
GCCGGCTCAGCACCTGCAGCGCCTGCGGGGGATGTCCATGATCTCGCGATC  
GCCATGCCGCGAACACAGTCGGTGAAGACG

>CONTIG\_286\_length\_1386\_cov\_3.615568

TTTAAGGGAATATTCAAGCCAAGTGCAACCTCCGGCCTGCGGCAGCGTCTAGCACTTG  
GCTCTTACGGAAGAGAGCTCGTCATACCCATCCAAGCCAGAATTTTGCAATTACACGG  
GCGGCTGATGATAATCGAAACGAACCTCCTCACGCTAAGGAGCGACTTCTCCCC  
CGCAATTCTGAAATCGATGGGATGAGCAGCATCGGACACAAGCTTATCGGAAAAAT  
AATATTCCCCACCCCTCAGCATCTGAGCACACTGAGCCGAAGACTTTAAGATTAA  
CTTAGCATTCAAAACCAGCAGCAAAAGTCTTCGCTGTTGAGGATCCGCAAGA

AGTCGACTAGGACGTGCGGCATGCCACTGCCGGGCCCAATGGCTTGGCTGTT  
CCGAATCAGCTGCTGCATCTTCAAACGACTTCAGCCAATCACTAACATGGCGATCAA  
TCACTGGACTAACAGCGTCATCCGCCAGCGCAGGAAATCTGTATCACCAAGCCAACT  
TGGCAAGAGTAGATAGGCCTGCCCACTCAATCGTCCCAGACTGCGTCAGAGCT  
GAGGTTCACTCATCCTACGAACAACATCCGCGAAATGATTATTGGCACCCAGAGC  
ATCACTTCGTGACGCTTAGCGTTCTGACAACATGTCAGTAATGACTGACCCGACA  
CCAAGCTGCTCGATACTCCGCATGTAGGAACGTCAAGCGATGCTTCATACGAGCGT  
TGATAAGCCGACAACCTTCGGTCCGCCATGAGTTCTGACCTGGACCCACA  
GCTCCAAATGATTGAAGCGGAGCGAGTGCCTAGCACTTAGCGATTGAAATGAGA  
AATCTCAGAGACCTGCGACGCGAAACGATGAGCAGATAGCCCATCCAGCATGTCCT  
GAACCGACTGCAAAGGGTGGACAGCAGCCAACGCCCTATCCTGCATCTCCTTGTAAAG  
CGGACATCTCAATCCCTTGGCATAGTCGCGTAGGGTCTGTGCAGGATCGCGCATT  
GGAAAGCCTCCGAATAGGGTCACTGAGTGCATGGCTCGCTGCCTGACCCATTCA  
ACACTTCTTCTAACATCTCCCTGGCATGATGCCCTCGCGTTAAAGGGAGGCTCTG  
AAAAACTGGACGACATGCATCCTCCAAAAGGATTCAACTGAGTGCAGGCGGCTAC  
GAECTACGACTACGACTACGACCAAGCTTATGGAAGATCTAGTCAGACAAACAAGGAG  
CACGCTCAGTGGCAGACATCAAGGTCGGACTCAGCTAATGCTCAGCGCTGCCTATGT  
CGAACTCCATCAGTAATTGATCAAGAGAACCAAGGCACAGCCTGCAGATCCCGAC  
GCCATAAGCTCCGGTCTCTGTCCC

>CONTIG\_287\_length\_1381\_cov\_29.252791

CGCCAGGAGCCGGGTCTGGACTGATCCAGACCGTGCTCGATCTCCTAACCTGGTT  
ACCGTGAAGTCCAAACGGTCCGTCCTCAGCCAAGCGGCCGTGCCATCATTGCGA  
ACGTCAGACTTGTGGACGTGGCGATAAAAAAGGCTTCCCTCGCGTCCTCCTAACG  
GTCGGATCGGGAGCTTATGGAAGTAGCCACTGTCAAACACGCCATCCCACGCCTT  
GCGTGCCTCAGACCGCGTGCAACCCTTCCAGGATCGCAAGTTCTCAAGTGCCTC  
GCCGAGCTTGTCCCGGAAGAAACCGACTTTGCGTTGCCTAACTCAGCCAAGTTAGA  
CGCATTACCGGATGCGCAACTTCGGTCGATTGCTCAGCTGCGCGTGGATTTTTTC  
CATGTTCCAAGAGGGCTTCATCGCGACCGCCGAAGACACAAAGTTGTCTACT  
ACAAGCTTGGTAATCACGATCCCGCTGGTTGTCTCATCCTCCAGTCTCACGACTAC  
GTGCCTGCCCTTGGTAAGACCGCGTATGCGGCATCTGCTCACCTCTCGCT  
CGTTCTGGTCCCGCGTGAGACCTCCCTCCGAACCACCATGTGGTCGCGCGTGC  
GGATGCGTCCAACTGCCATACCCGCCAGTCGAAGACCTCCGCTGCCGCTTG  
GCCATCATCTCCTTCGGATGCGATAGACCGGCATGTCAATGTGATAACCCTCGCT  
GTAAACTTGGCACACACTTGGGAACACTTCCGCCGGTTAGCGAAGCGGTTGTC  
GCGCGAGAGCGCCGCGCAGACCGCTTCCCTGGCCTCTGCGCGTGAAGCGGCAAGC  
CCAGTTGTGACGAGGTCGTCTCGCGAAGTAGATCCCACATCAATGCGTAGT  
CGCAGTCTGGATCCTGGACCATCGTGTGCATCTCGTAGGATCCCTGCGTGCAGGTGA  
TCTTCGGCTGGGGATGCTCTTCTCATCCAGCCGATCTCCAAGCGACGGCGACCGG  
TATTGCGTCGCTCGCGCATCTCGTTGCGCTCGTCCGTGCTCAGGTTGATCTTGTGCC

ATGAAATTCTCATGTCCTGCCACAGTCAAAACAGTCATTACCTCTCCTGTCTG  
ATTACAAAGGCCATCGATCAGTGCCTGCCAGACTCGCTCCGGGCTT  
GACCGACTGAGCCCATGCGTAGTCGACATCAGAGGTCGCCGACGGCGAAGGGCGT  
TGAGCACCTCGGCCTGGCGTCATCCATGTTCTGGATGTATTCAGGAGTTGCTCGG  
ATGGACACTGAGCAGGAAGCGGAACGCCATGCTTCGCTTCGCAATTCCAGGA  
TCTTCTTGCTCA

>CONTIG\_288\_length\_1364\_cov\_7.355699

CCGAAGATCCAAACCGCGACTCTCCGGACCGACGCGACATCCCGCACTCTCAGGCCT  
CGTTATTCAAGACCTTCCTTGCCACTCAAACACTGCCGACTAGTAGTGGAGGTGTCGG  
CCGAAGCAGTAGCCCAGGTGTTGAAGTGCAAGTCAAAGAGGCCATGAGTCCTCT  
TAGGCTTATTGAGGACATATCTGGCAACTCTTCCTGAGCAGCTAATGGCTGATCTCA  
ATGAGATCACGGTAGACCTTACAATAGTTCAATGCGCATGACCACGCTGATGACT  
TGATCCATACGCTGCGCCTCCACTAAGGGCGGTGCGCCGCTGAAATCGCATTG  
CTCGCGAGCCGGATCGCTCCATAATGCCCTGGCGATCTTGAGCGAAGGACATCTC  
GGTGTCTGGGTCTTCGATCCTATTGCCAGAACATCAAGCTAAACTCCGGCAG  
TCCTGCTTGACGATGCCGTCAACGCCATCGATCACGAACACCGGGAGGGCATTGTA  
TGACGCTGTTGCCATTGGCATTGAAGGAAAAGCAGCTCATCATCACATGCCATA  
GCCCTGAGTCATCAAGGACATCTTAACAATCACACGAAGGGCGCCACTTACG  
TCTTGCATCATCAGGGTGACCACCATCCGTAGTCTCGGTGCGCGCTT  
ACTATATCGAGCGTGTGAATCGCATATCGATGACTTGTGATTGCGTGCAGCGCTT  
CGTGCACGCCAGGCGCTTGAAGTTAGTTACACGGGTTGAAAGAAATTAGCCG  
ATGTTGCCCTAGTCTGGGAGAGCTCTCGCTAAAGACGCGACGTCCCAGCGCCTA  
CGGATCTGAGCAACATTGCCAATCTACTGAGTGCTCTCAACAAGGGGTCAGCG  
TTGGCGCCTGGACGGAGTCTGGATCACCAGACGGGATCACTGGATGCAATCATCA  
ATGTCGAGCGAATTCAATTGGCATGGATGTCATTGAACAAGGGGACCCACGAAGAA  
GAAGATCGTGGAGGATTCGAGGAGCCAACGCTTAGCGTATTGTCGAGGCACACTACG  
AGGGCTCGATGTATCTTCGGAAATGAAATGCATGTTGAGCAGAGAAAGATGGTA  
AGAATACTGCGCCGACAAGTTGCAGCTAAATTAAATAAGACGCCATTGATTGATCT  
AAACAAAGCATTCCCAGGCTGCCGCTCCGTATAAGTTGACAGGGAAAACGCTTG  
CCTTGGTCGGGAGGAGGAGCGACCTTGAAAATTCAATTGCTAAGGA  
GTGCTAAGGAAGCTCTGAACAAACGACCAACAGATA CGGACACTACCCGCCTCATG  
T

>CONTIG\_289\_length\_1345\_cov\_20.057471

CGCAGGATCCATACCGCCTGGATGCCAAGAACGAAACGCATCCGCCGCGAACCG  
TTGAAACGGGCCGACTATGTGCGCGATGCGCAGACGGGAAGTGGCAGCTTGA  
AATCAGGGAAAATATCGACGGCAAGATAACAGTCACACGCAATGCCCATCAGCA  
CCGAGCGTGAGACCGCCCTGGAAAGCCAATCTCAGACGATCATTGCGCAGAACGCC  
GCCAACACTCCGGAAGCAACAGCGGCCGCTACCAGATTGCCTACAATCAGTCGG

CTGGAATGAGTCGCCAATCGCGAACCGGTCCCCAGGCCATACGAACGCACGCA  
CGCAACCGCAGCCGTTACAGGCGTCCGACGGTATTCTACACCCGCGACGCCAGC  
GGCGAATGGACCACGCCGGCACGTTCTATGGCACCAATGCGGCCACCGGCAACAC  
ACCGGAGGAATTGAACCGAACGTGGCAGAGCCAACAGGCCGGGTTCAAGACATG  
GCGTCGATGGCGGAGGTCGCCCCCAGCAATCCCACACCGACGCAGAGCGACTTGCA  
CAGCCAGGTGGCCGGATGTACGCCCCGCGCTGGCATTACGCGACTGACGCGCAGA  
TCGATGCAGCCACGGCGGCAGTTGCACAAGACCATGCACGCGATACGGCAAGCAG  
ATGCCCTCTTCCTGCAGCTGCAGAAAGATGGCTCAATCGCTACGGTGGTGGCCAG  
AACGACGACCGCATGGAGATCAGGGCACCACGACGGCAGCAGAGATATCGCAGG  
CAGAACGGCAGCAGGCTATGCCTGCCAACGCTCCTCAACCCAGTCCCCTACGCAGT  
CGCCTCAGACACAGCAGCCTGCAACACCCGCTACGCAAACACCGTTACCCAGCGCG  
CCGTCGTCGCAGACAGCGCCAGGAAGGTATCCTCGCTGGACGACGATCATGCGCA  
GGGGCGTACGCCGGCACGGCGCGACCACAGCACAGGTCGCCGCACCGGAATGC  
ATATGGGTGCGCGCTCTGTCATCGCACGATCCTAGGAAAGACGAGCAGATATCTG  
TGAATCGTCAAAGCGCCGTTGGCCAAAGCCGAAGACGCTGCGCTGATTGAGCAA  
CTACGCTCATCCATCGCAAGGCTCGACGAAAGCGCAACAAACCATGGGATGAGCG  
CAGCGATCGCATGGTGCAGCGCGTACAAAATGGCAGTTGCGACGTCCCCCACC  
CTGAGTAGTGGCTGGTTAGAGTCCGGGGTAATGATATCGGTGTTGCCAGATGT  
TGGGCATAAGCAGCCGGGTATGCCGCCATGCCCTCTGGGTCGGTCCTCGT

>CONTIG\_290\_length\_1340\_cov\_11.798021

GTCCTGACAGATGCCATTCTACGCGCTTCGCGGGCATGGCGCAGATCATTGAGG  
CAAAAGCTCTCACTGCTCAGGATGCCGAATTGTTGGACGGCGGATCAATGAGATT  
TGGTCTGGCATGGCTCAGAACGATGGACGAACAAGGCTGGGTGACGTCGGTTGC  
CAATCGGTCGACCTACTTCACGCCACTGAAATGCCCGATAACCCAGCTCACTT  
TGCTATTGCCAGTGCAGGACACAATTCTTGTGATTGGCCTCTGGCTCGGAAGTC  
CTTAGAGTATGCCGGCAACCGCTCGTCAGATCGATTGATCGCTGGTAGCGGC  
GCCCTGAAACTGAACGTAAGCTAGCGCGGGTAGTGGAGTGGCTTCCCATTG  
ATGGGCACGGGTGTGGCTCCACCAGCGTCAACATGCCATGCCACAGGGACCGG  
CATACCAACGTGAGGTCATCTGCTTAGACCAGCCGCCCATCAGGTCGTCT  
GACGATCAACCGGCCTGCCACGACGCATTGAATGTCGCCGGCAACGACTGTCT  
CAATGACGTGATGGGGCGCACCTGGGCCGTGACCGCCGAATCTGCCAGA  
CGCACAGGGCCTCGATGGCGAGCTAGTGACGGGCCAGTCGCTGCACACCCGAC  
AAGTAAGACGACCAAAAGGATTGCTCGACCAGAATGAGCAAGTGGCGGAAACGTT  
TCATGGTTGTGGTATGCTCGCTGTTGGAGATAAAAGCTGATGTCCTGGCGAG  
CTGCGCATATGCTCGATCGCGTCAATGTGATGGAGCATCACTTCACCGTGATGCTT  
GCGCGCAGCGCCAGCATTGCGGTCTAAACTCCAAGCTCTCAGGGTAAACCCA  
CCACCTCGAAGGCGGCCAGGGCTCGATGGAACCGTTGCTCGTCAGCGGATGA  
AAGGTGTGCCACGTCTCCACGCGCATCCACGGGCCAGGGCTTCAGTCGGTCA  
TTTCCCATGTCTCGGTGCCAGTCGGATATGCCCGAGTGTCCCACAGCGTGAAGAG

CAGCATGGAGACCCCTTGGCTATTCAACCACCGCATGGGTCGCGCATCACCAC  
GCTCTCCACCAGCGCTGGGCCTCTGAAAGGGACCTTAGCTCGCTGTCCCACCGCA  
AGGACAGGCCTCCTCTCGACGCTGACGCTTGTGCGGCCCTCGCTGTGCGCCGC  
TTGCGCGGTGCTCGCTCGGGTAGGGCCGGACGCTCGCCTGTCGGTTCCC  
ACGAGGCGCACACCGCTGGTGGAGAAGAACCGATGAA

>CONTIG\_291\_length\_1332\_cov\_16.568465

AGAAGCGGCCACCCACGTGGTCGGTGGTAATGCGGGAGCTGCCGCCCTGTCGAAG  
ATGTAGACCTGCGCGCTTCATAGCGACGGAACGTGTCTCGGCCAAGTTGAGTAGC  
ACCGACTTGCGCGCCGGTCGGGCCATGACCATCGCGTGCCTACGTCGCCACA  
TACGTACTGAAGCGGAACGGCGTCGTCTCCCCGGTGACCAACGAAACATGTGCGGG  
GGCGTGGTCCAGATTCTGGTTGCCGGGAATAGATCGTTCTGGCAATAGCGCGGCC  
GGCCCACACGCTGGAACCTGGCATGGCGTGGCGAGGTTGAGGGTGGACACCATCG  
GCCGGCGGATGTTGCTGTGCCTGGCACCGCGCCGAGAAACGCATCGATC  
GCGTTGCCGTCGCGGGCTTCGTCAATGGTCACAAAGCCTAGACCATTGATTTCGCGT  
TCGACCGCGCGCAGCTGGCTTCCAACCTCGGGATCCGTATCAAGCACGATCAGC  
GATTGGGTGAAGTAACCATAGCCCACCGCCTCTGCTGCGATTCCCTGCATTGCAGCG  
TTGGCGTCTGCCCGTTAGCGAGCGCTCCGGTTTCCAGTGCTGACTCCGACTTGC  
TCACTAGCTCCTTGAGAATGACCATGAAGGACTTGCGGCCGCTAAACCACTGGCGCT  
GGATCTTCTTCATTCCCTATCGGCTGTGGCCTTGTCCAAGGCCACCCAGCGCGTCAC  
CCACCGGTAGGCCATGCCATCCGGTCAAGCGATCCAGAATGCCGGGGATGGTCT  
GCGTCGGGAACTGACGACGGTATGATGCCAAGTGGTGGTCCAGCTCGGTT  
CTTGCCCCCGATCAGCGGGGTGTCGGGCAGCACGCCAAAGCTTGGGATACG  
TCACCAAGGTACAACCAGGGTACGTTGGTCTGATTGTGCGTGCAGGTAGGTCAAGC  
AGCTCGGAGTCATCGAGCGCATGCACCTCGGGCAGGATGGCCGAGAAGGCTCCAG  
GAGCCGAACCGCGCTCCACCAACGAACTTGTGAGCCAATCGTTGATTGTCTGCCGGT  
GCGGTTGCCGCACTCTGCGCTGCCGTCCGGTCCGTGAAGAACCAAGCGCGGG  
CTGTACTCTCCTGTGCCTGGTGGCAACCATCCAGTGAGTAATACGTAGTCT  
CAAAGTGCACGCCGTCTGGCGATGCTGCGCGCTTTCATCGATCAGATAGGACA  
TCGGATCGGGGAAGTGTTCGCCGTGGGTAGCTGGTGTGGGGCGCGTTGCGT  
CGATCTGAAATACCAGCGTCGCCAA

>CONTIG\_292\_length\_1304\_cov\_11.755310

CATCGGTGACCACGCAGAGCAGAAATCAAAGCAGCAGTCGGAGAGATGGCCGAGCGG  
TTGAAGGCACCGGTCTTGAAAACCGGCGAAGGGTCAAACCTCCGTGGGTTCGAAT  
CCCACCTCTCCGCCAACGTTGGATCTAAGTTGTGATTTAACAAATTATTCTAGCT  
TGATGAAGGTCTCGGCAGGACACAAATCGGACACATCTCCCCGATGCGTATCCCT  
CATCACCTCACTCGCTCTCAACGGGTCACTGGCTTTCGTCAAGCGCGTGCCTGTC  
GATCTGCAGCGTGTGCTCGACCAAAAGGTATCAAACGAACCCCTCACACCAGCGA  
GCTTGCCAGTGCGCGTCTGCGCGATTGCTGCTGCCAGGCTATGCTCAGGCCTT

CGACGTGTTGAGGGATCGACGTGTTGATAAGCTGGCAAGAAAGACATGGAAGCCT  
TGGTCAGCGCCTAGGCCATGGAGCTCGCTCGTAGCTCACCTGCATCGCACGC  
AAGCACCGGATGGCACGATCAGTGAGCGCTGGCAGATCGACAACGACGAAGATCTT  
CGGCTCTCCGCAAGAGTCAGACATGGCCAATCGGGCAGAAGTCGCCGCATCGG  
CGCTCTGACCCTGGTCTTACAGTCACCGAAAGCTCTGCCAGGTGGCGA  
GGTCATTGTTTGTGAAGGCAGCGAGGCTGGTGGCAACCATAAGAGTCGAC  
CCTCCCCAAGACCTATACGATCAAGATGGCGCTGTTGATTGCTGGCTTTTG  
GGGGCAAAGACCAAGCTCCACACGATCACGCGACCTGATTGGCTCGCTGGTATCA  
GCACATGCGGGAGAAGGGTCTCGACACCAACACTACAAACAAGCAAAGCTATG  
TGGCGGGAAGGGCGCTTGTGATTGGCGATTGCCCTGGCTACTACCCCAAAG  
GCGACAACCCCGCATCCGGACATGTGAGCTACTCCGTGCGAGAGAACGCGGCCAGG  
CGCAAGCTTGGTTCAAAGCCTATGACCGTGAGCAAATCAAACGATCTCTGCCA  
GTCAACTTCGAACGACTCTCGGCAAATGCCGATGGCAGCATTGATTGGTCTCTAT  
ACAGGCGCGAGCATCAGAAGTCGGCAGCTGTTGGCTGATGTGTTCAAAGA  
GGGCAAGATTCCGTGCATCCGGATTCGGATGAAGGTGAACACCAGAAGGTCAAGA  
CAGAAGTGAGTTGCGCACGGTGCCTGCATCCGGATTTGGCCCTAGGTTTA  
TGG

>CONTIG\_293\_length\_1301\_cov\_9.727428

CGTGTGCCGGACTGTCGGTGTGGCTACGAATAAGCACCGAACGCCTGATGCC  
CCTCTCTTAGCAGAGGGCCTCAAAATAAAAGAGGGGCCCTTCGGCGCCCTC  
TTAGGTAGGTGCCGAGTGTGCCACAGTTGCCCTGCCACATGATCCCGGC  
GTTTCGTGTTCGATATTGTCACTACTCATGCCCATGTCAACCCAAAGTGA  
ACTCAACAGTCCTCGCTCCGCTACTATCAGACACACAGGAGGGAACCCATGG  
ACGAAGACTAGCGCAATGGCGCGTTACTTCAGCTGAACGACTAGCTACGTTATTCA  
GTTATCAGGCAGCGAAAGAGATGCGCTCGATTACATGATGTGACAGTGGTAGTC  
CCTCAGCATTGATGCCCTCGCGTGTAGTCGAGATTGCACTCCGAAATCGGTAA  
GTGAACGCTGAGGACGGTGTGCCCTCGCCTGACTGGCTTACCCAGCCACCAGCAC  
CGTTTCTGGCGATCTCAGAGGGAGAAAAGATTAAAGAGGCGAAGAGGCAAGCG  
CAACCGCCTGCCTACGCCAAGCTCACTGATAGCGGAAGGCCAGTGGATGCAGT  
GGCATTGTCGGCGTCCAGTGGCATCAAATACGAAAACCGCATAAGAAAAC  
GCCAAGCAACACTTCCATTCCCACGCCAAGCTGCTGCCAGCTGACAATGTTCT  
TCTGGAAAGCGGATTTCCAGCGACTACGAAAACACTTGTGGAAGCGCGGACTAA  
AAACACTGTTCCAACAAATCGATAAATAGGGAGAGGTGGCATCTCACCTGAA  
ATCATCTACCAAGCCCAAACCGCATCGCTCATGAGCCAATCTACGGCGAGCG  
CCTTGCCTCGTTGAATCATTGGATTCTCGTACGAACTAGGGAAACAAGGA  
CGGAGATGAGAGCAGCTCGCTGCCAAATTGACTGCTGCCAGAGATAGGCTGA  
GGCAGACAGCAAAGGAGAGTGACGACCTTCGCAAGATTGATCGGCCATCGGGC  
TGATCGCGACTCAACGATCGAGGATTGAATAACAGCAAGGAACACCCTATGAGCA  
CTATAGGCCACGACTCACGCGCTGTTGGCGATTGCGATAACGTGCCGACCG

ACATCGTCGAGCACGCCTGCTCATGGTGGCCCAGTTCGGCCGGGCGTGCCTGC  
GTGGGTATGGCAACCACAACACCCCTGCCAACAAAGTGGCAGGAAGTCCTGGTCCGC  
C

>CONTIG\_294\_length\_1297\_cov\_362.878632

GCATCGCGTGCATCGGTGCGACTGTCGTAAGCTCGACGCCCTACGATTGAAGATGC  
GGATCGGCACGTGCTGTCGATGGATGGTATCCAAACTGACAGGGAGCTTCCGT  
AAATCGCATCACGTGCGCCCTCGGGCACATGGCGACCGTATCCTGCCTGTCGGTAT  
TTGCAGTGAACAGGCTATCGACACCATGCTCACTCTCCAACTTGGAGAACAGAACAG  
CACGCACCTCGACCTCATAGCCCTCTTGCAAGCCTTGATCAATGTCTCCGATGC  
CCACTTCCATCGCTTAATGTGGTGTGAAAATGAGGTTCTTTTCCGGCAGTCGCT  
GCTACGCGCAGCTCATCGGCCAAGAGAGCTGGCATCCCTATGCGTCCGTCCAGACCAC  
TCATAAGGATTATTCTTGGAAATTCATCTGTGCGAGGATGATAACAAACGGAGCTCG  
TCTGGATCGATCGTCACCGCATCTCATTAGCTCATTCAACGCACCCAAACTAGT  
CCGCCCTTACCAAGCACCAGGGCTGCCAGCCAAATTATCGCTTGGGTTGATCATGA  
GTAATCGCGCTTGTGAAAGTTACTTGTAGTATTGTTCTCGCAGCACTTTTCA  
GAATATCCTTGGCAACTCATCCGTAGAGTCAGCCATGGTTATTGCCTGCCTTCGGA  
TATCCAAAATAGCCTTGGCAACTCATCCGTAGAGTCAGCCATGGTTATTGCCTGCCTTCGGA  
AGCATCAGGAGAGTTCTTCTTCGCCTTGCATTGCATCTGCATCCCCACTCGCCT  
CAGCGACCCCTTCTGCTCACGAGCCTCGTCTATAAACATTCCAAACAATCTCTAG  
TGCCCAGATCGCAAACACTCAAATGGCGGAGTGATTGGCGATGGCTATCGACCGACTC  
TTGGAGCGCACTTCCAACCGCGCGATGTGATCGGGTAATCCTGAAGCTTCGCG  
CAAGCCTTGTGGCACTGGCGGTGTTGCCGACCGAATCAGGGAGAACATCGTTGGT  
CTGAGTCATAAAAGCATCCTGATTGAGGCAGTGCATTGGACGTGGAAGATTGGGCTT  
GCGCTTAGGCAGTGCACGGACGCACCCGGTTGCAATGCCCTAACTGCTGCACGGT  
GCGCGCATTGATTAATGCCAGGTCGCGCAGCAGCTGTTGACTGTGGCTGCCATCAGC  
CTTCAATCGACTTGGAGGCTTATTGGAAGGTGTGCTATCACTCATGCAAGCGCCATC  
TGTAAGGCTCGATCTCACCTCGCAACAAGCGCTT

>CONTIG\_295\_length\_1296\_cov\_0.308811

AGAGAAAGGAGAGGAGAAAAAGGAGAAAGGGAGGAGAGAGAGAAAGGAGGGAGG  
GAAAGGAAAGAGGGAAAGAAAGAAAAAGGGAAAGGGAGAGAGAGAGGGAGAGGG  
AGAGGAAAGGGAGAGGGAAAGAAGGGGGAGGGAGAGAGAGAGAGGGAGGGAAA  
AAGGGGGGAGAGGGGGAGAAAGGGAGAGAGAGAGAGAGAGAGAGGGAGGGAGG  
GGAGGGGGGGAAAAGAGGGAGAAAGAAAAGAGGGAAAGGGAGAGAGAGGGAGG  
GGAGGGAGGGAAAGGAAGAGAGAGGGGGAAAAGAAAAGAAAAGAGAGAGGGAA  
AGGGGGAGGAAGGGAGGGGGAGAAGAAAAAGGGAAAAAGAGGGAGAGAG  
GAAGGGAGAAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG  
GAAGGGAGGAAGGAAAAGGAAGGGAGAGAGAGAGAGAGAGAGAGAGAGAG  
GAGAAAAAGGGAAAGGAGGGAGGAAGAGGGAGGGGGAGAAGAGGGAGGGAGG

GAGGAAAGAGGGAGAGAAGGGGAAAAAAAAGAGGAGGGAGAGAAAGAGGGGA  
GGGGAGGGGGAGAGGAAGAAAAGGAAGGAGAAGAGAGAAAAAGGGGAGAGGA  
GGAAAGGGAGAAGGAAGGGAAAAGAAAGAGAGAGAAGAAGGGAAAAGGGG  
AGAGGGAAGGAAGGAGAGGAAGAGGAAGGGAGGGAGGGAAAGGAAGGGAGG  
AGATAGAGGAGGAGGTGTATGAAAGTGTGAGATGAGTTAAAGGTGGAGGGATTG  
ATGGGAGAGGAATGGAGATGGGATAAGAGTGGGAGGAGGGAGGAAGGAAGGGGG  
GGGGAGAGGGAAAGAGGAGGGAGGGAAAAGAAGAAAAAGAGGGAGGAAAG  
AGGGAAAAAGGGGAGAAGGAGAAAAAGAAGAGAGGGAGGAGGAAGGAAGAGA  
AAAGAACGCCGCCGGCGCCGCAGCGCAGCGCTCCGCCGCGTGC  
GTGCTCGATGTGCGCAAACGCCGCTCAAGGACGGCTGTCGCCAGAGGTGCTGGC  
CGGCATCGCGCCACCCTGGCGCGTGGCGAGCAGGTGCTGGTGTCAAGAACCGCC  
GTGGCTATGCGCCGGTGTGCTGTGCCACGACTGCGGCTGGACCGCCCTGCCAGC  
GCTGCAGCACGCCACTGCATCAGACCCGATGACCGTGACGCCGGTGGCGCCGT  
CTGCAATGCCACCACTGCCCGCGCCAATCCGCACCGCTGG

>CONTIG\_296\_length\_1294\_cov\_62.304199

GAETCGTCATCAACGACGCTAAGGCCTGGTGCATATCGTGGCGGATGCCGTCTATC  
TGGTAAGCCCAGGTGTGTTCAGCGCTATGCGCAAGAACATCCTCAAATCGCTGACT  
ATGCCAACGCGTGAGGAGATGGCAGATTGGCAGTGGCGCAAAAGAGATTGAGAA  
ATTGCATCTACACCGTAAGCAAGCCAATGGCCTGAACATCTGGACGTGCGAAGTAA  
CCGGACCTCGCAAATCGCGCCGGCTCACGGCTACCTGCTGAGCGTTGGCAGGGTG  
TATTGGCGAGCTTCCGCCAAACAACCCCTACCTAAAACCTCGGAAAGTTGCCTCAG  
AAGCCACGATAGAACGGATGATCATCCGCGCGAACGCATAACTGAGTCAGATAA  
GGGCAGGCCTAAAAATATTGAAATTGATCGGTGCATGCCAAAAATAAGATAC  
ATGTAATTAATACCTCTGAAAGATTGGCTCGGAGCACGCAGTGTAAATAACTCGACA  
TTCCCCGTTGTTCTGTGAGCAAATGTCTCTGACCTCGCGCTGAATATCCTCAGCT  
GAAGCTCCCGTTCTGAAATGCAAGCTTCCCTGCTGAAGAACGTCCATCTTATAAGGC  
TCTGCAACTGCAGCACACTGGTTTCATATGCCGCCAATCTTACAGTTCTTCC  
CCGCCTTGATGCACCCAGCTATCGCATCTCGCTGAGCTCGCGCTAGAAAGTTCC  
CTACTGAAACGCCCTAAAGCTCCACATCAGATTATCAAGCGACACAGCCCCCAA  
GTTTGATCCATTTCTAGCGGCCGAGGTGCTGGTGCAGTCTTGTAGAGAGCTTCC  
GGGAATAGGCGCACATCGATAGCTCCCTGCCCAATTGATACTGCCCTGGCG  
GACAGCCTTGAGCCAAGCAATTACAGGAAGATATAAAATTGAAAAGCCAAAAGA  
ACACAAAGCCTCATAGATGCATTACCCAAATATAAATTATCATCTGAAGTACATC  
GGTTTCTTAACACACAAACGTCAGTCTCGTCATATCTGCAGTAACGCTACTGATA  
AAAGTGTGGTGGTTACCCAACTGTGAGCTTGAGCGTAAAGCCAAAACGGCGAACACGCG  
GCTACCCCTGTTCTTACCGACTGACGTGATAGCGCTCTATTAAATGATCTTACAGCG  
CCCGCATCGCGACTGCTGAGCGATGTCCGGCTGGACCGCTGAGCATCCAAGGCC  
TGTGACTGGCGGATGCTTCCTGCAGTGGAGGCACGGTCTCGGAC

>CONTIG\_297\_length\_1289\_cov\_330.334768

CTGGTGACCGTAAGCGTCGATAGGAAGCCTAGGCCTTTGAAACGAGTTCCAAGC  
GGCGTTCAGTCGCTCGATGAGAGACCCTGACGCTCGATATATGCTGCCCTCC  
GAAGACGCACGATCATGCCAAGGGATAGATCACACATCCGTAGATCGATAGGCCA  
AGCAGTCCCAGGCCTGGCGCAATCCACTTGGCTCCCGTCATGAAGGCCAATGGG  
GCAAGCATGATAGCAATGCCAATATCCAAAACAGCACAGCAGCTGGACCAGCAG  
GAAC TGATGGCGAGGCCAACCCGGCTCCAGAAAATCGCTGTGCCGTAAAGCCC  
AACCGCCAAATTGATCACCATTGAAGCCACAATGCCGCCATTACAGCTGCC  
AACCAATTGGTCATAAGTCACCTCAGTAGCCAGAAAAATAGATGGAACGGCTCACT  
GCCCGTCTTTTAACCGATGAGCTACAAGCCCTCCGATGCATTAGCAAAAGG  
GTGCCGGTGAACACCGACACCCCTAAGGTCAAGCATCAGCTGGTATGACACGCATT  
GCGCAGTAGTAGCAACCGTTGATCCGATTTGCCGCCAGCGAGCCTTGCCTTGGT  
ACAGCCTGTTGCAAGTAGCGTGAGAACCAAGACTGACTTGATTGACCGGCTGG  
CATGTAGGAGCACCCGGCTGGTGTGCACCTCATGATGCCATTGGTCTGGGC  
ATTTTATTGATGATGAAGTTAGGCAAAGCGCTCTCCTAGAGGGACAAATGATCG  
AATTGGTGGTGCTCGCGACCACCTCGACCCTCACTTTCTTGCACGCCCTG  
AAAGGCCTTGTCTGATTGACATCCATAAAGGCCAGTTGGTATCGCGCTTA  
ACGAAATTGCCTGCAGGAGTTGTGTTGCGAGCGGTTACGCACCGCGCATTGCGG  
TGACCGTCGCCTTCGGATTAGTAGCCATTGAGGTTCTCGTAGTTAAGGAAGA  
AAGCAGCAAGAGGTGCCGATCTGACCGTTAAAGGCCAGCGCTGCTGCC  
CCGCACCTCCCCGACTAAACGTCAAGGACCCAGATGCCAAGCTTCAAGCCTGC  
AGCAGAACGCTGGAGCTCTGCCATTCTCAAAGTAATGACTGCTCTGAAGATGAG  
CTTGTAGGCCAGGACGAGGGTAGCGGTGTTGACACGGC

>CONTIG\_298\_length\_1282\_cov\_11.421645

GATGTGGTCAAGCCAAAAAGGCTGCTCCACAAGAAAGGAAGTAGCGCCCAAGTA  
TTGGTTGCCACACAATCAGGAGACATGGTCAGGGCGCGTCCGCCTAAGGCCTT  
CACCATTGGCAGGGAGCGCGTCTTACAAAGAGTGGAAAGCCAAGCATCCGACG  
AAAAGTCCCTAAGTATCCTGGGTGAATTGAAGAGGCCTCGCACGGCGAGGCCTT  
CTCCAAGTGCAGGAGCTTGGGAATATCGGAAGAGTTCTCTGACACTAAACT  
CATAGCATTCCCCAGAAGGTGCTATTCAACTTGCATCGTCTACCGTAGTTGCCT  
CAGCACGCAAACCAACCACGTCTTACTCGACCTAGCTCTGGCGGCACAGAACGTC  
CCTCGGCACGGTGGCGATGCATTAAAGTAAATGTAGGGCTAGAAAACCACCC  
CGTCGGAAAATCTCAGTTCAAGGTCTATAATTGCCACATTGATGTAAAGGCTCG  
AGAAAATCTAGCGCGATCAACTCGCCCCAAAATTGGTATTGATGTGGATTGTCA  
TCCTTAAGATCATAATCTCTGTGTTAGCTGCAATGGGATGGCAAAGATTGTCCAAG  
CTGCCACTAGACTCACAAAAGCATTGGTTAGTGCCTCGCGGACATCATCAGGGAGG  
TGAAATTGATCAGGGAACTGCCTGATGTAGAATCTCTTCAAACATATGGATATC  
ATGAAGCGGGAAATAGGTGATTGGGTGTGCTTCGGGAAGTAGTCGAGTGTTAATGC  
GTCATGATAGAGGTGCGCTATATATTCCCTAGAACGTATCCAGCTCTAATTGATCG

TTCGGCGGTGTCGCGCTCAGATTGAGGGAGGTCAATTGAATTCTTACTTGTTCGATC  
ATGGGTTCAAATACCTTATGACCGACGAGGTGCAGTAGTGTGGCATCCATTCA  
AGTGTGTTAGAGTTAGCGCTTCTCTCAATCGTATTGAGTGGTAATAAACCTA  
CGGATTATGAAATCCAGGTGTCGTTGGAAACATGTCAAGTCGTACCCACGA  
TGAAGCATAAAGCTGCCTGATAGATGTATTGGCTGTGATGGCAGTAATAGATATT  
TGGGGTCTTGGTGTGAAATACAATTCTTGGCAATATCCATCAAGAATTGCCTG  
AAAAGTCTCTGTACGCCAGGGTCCGTAGACACTCAAGACCCCTCGTGCACGT  
ACGCCGTTCAAACCTACAGGGGACAAG

>CONTIG\_299\_length\_1270\_cov\_17.069991

GCGATCAGGGCGCAGCTGAAATTGCCCGGCCTGCCGCGACCCGCAAGACCGCCCGC  
ACCGCTGGTGCAGCGCATGACCGCCACCACACCAAGAAGGATGCACACGCTATGA  
CGCAGGACCCCTACGGAATCACCTCAACGATGGGCCTAGGCTGCTATTGCTATG  
CGCAACTGTTCAAGCCGCATACCAACCCGTCCTCCCTGCCAGGGCGGGCTTGGC  
TGTGGCTCCGGGTAGATACCATCACGAGATCATGTCGCCGATCATGGAGCGCGCCT  
ATAGCGACAAACCGACAACCTACCGGGTCGTCGTCGCTGATGGTGTGAGTATC  
ACGTCGCCAGACACCCCTCATCGAGAGCGATGCTCAGAAAGCCAAGGGCACCTC  
ATTGATCGGGTGGCAAACACCCCTTTGCCCTCGGGCACGCCGCTAACCGTTCGA  
CGGAGCAACCACATGGCAGTTAGAGCAAATGCATTGCTCAGCGGGACATTGA  
TGTCCCAGGGTCGATCTACTGCATTGAAGAGCAATGGTCTTGCACGCGCTTAGT  
GCACGAAGACCACGGCGCGACAGTTGGAGGTGGAATCAGGCTAAACAATGCCG  
AGCTATACGTCGTGCATCGTCAACAAACGCAATCTCCCTGCCCGGTCTGCGC  
TGCAAGCACGGTCATTGGCGAAGTGAGTGGCCCCGGCGTCCGCGAAGACCTCA  
CTTGTGGACAGCCGATGGCGGCCACGCAATTCAATGGCAACTATTGCTAAC  
ATTGATGGCAACGAAACGAAGGAAGTCAGCAAAGCGGGCCTACTTGCAACGCA  
TTGGGGCGTCTGGGTGATCGATGCTGACGGCAAGGAAGTCGGTCCGATCCGTTGGT  
GGTGATCAAACCGCAGTCGATTGAGAACAGCCCGCCGATTGCAGACCTACC  
GTTGCAAGGCCGCAATCGCGCGGGTAACCTTCATTGAACTCGCTGTCGCGTCAA  
CAACCGCCGCCAGCATGCCGTAACTCATCAATATCGATGTCCTCGCGTGGCGTCG  
AGACGTAGCGCGACCACCGCAGTCGGTCAAAACACGTCCCCGCCTTGCAGCTG  
GGCAGCGTGCAAATTGCCAGAACGAGCGGTGCATGAACACGCCAGCGAAACAGA  
AGTAGCAGACGATCCCCGCTTGATCCATCGTCCGCACGGGCCGCACGCGTCAC  
ACACGCCAGGTGGGCCGAATAGCCACG

>CONTIG\_300\_length\_1258\_cov\_17.657825

CCCGAGCAACAATTATGACGGGACCATCGACGGGAGGCACGCCTTAACGGCAGAT  
GCAGTTCTACCAAAGCAAAGGCCATGGCCTAGATCTGTATAGCACCGCCCTGACCC  
CATCCAGACGCGCGAAGTAGAATCTGGGTCAAGAAAAAGAGCCCCGCATGCGGGG  
CTCCTGTGTCGCTGGCGTTGAAGCCTCAGTCTCGCGCCAGTGCAATGGCGGGCG  
GCGTTGTTCCGATCACTGGCGGGAACCTCTGCGACGATCGTAGCTTCAGCCAAA

TGCCTAGGCGCACCATCAGTCTGCTGCGCGGTCAACGGTCAGAAATATCTGAGCCAT  
CATAGACTTGGCTCGGTGGCCGGAACCTCAACTCCCAATGCCCTGCCCCACCCTCG  
GCCTGCGGTGGAAGTGCATCCTCTCCAGATGCCTCAGGCGTCAGCACCTCAATCGGC  
TGCAGGAGAGAAGTTCTTCTCCAAGGCCTCAGCCGTCTCACCATCGCTTTCGAGCC  
CGCTTGATCCGCCCTGCTGGATCGCTGGATGCCAGACATGCCTCTCGTT  
CGGCCAAGCGCCGCTGTGCTGGCCACCAACTTGTATCGGATCGTATTCTGCT  
CATAGAGCTTGGCTGCGCATCCAGCACGGCATGCGCCCTGTAGGGTCGCACCA  
GCGTATGGGCATACTGCTGATTGAGCGAGCAAGCATCTCGGTGTCTCAAAGAGAA  
ATGGCTTGGTGGCGTAGCTATCGACTCGCCGACAAACCAATGTCGAGTGCGCCCGCT  
GGAACCTGGGTTCAATCTGGATACCCGGATCTGCCGCAATACTCGAGAGACTGCT  
GAGCCACCTCTCGCTGGCTCGAGCCAATCTCGATCAGCTGCCCTCTGGTTCA  
GGACCTCCGAGTCTGGCCGACCCGAGGACCGAGCCAGACGCGTCACGCGACTAAGA  
TGCCGGGCTGACCGCTGTAAGGCGTAGAGAGACCCGGCGAGGCGCTGGCGCACG  
GCCAAGCGCTTTGATCTGCCGACCCGCTGCGCCTGACAATCGTGTCTGCTC  
AACCGCTGTGCGCCCGTCCAATCCAGAACGCTGTGCGTGGCCCACCTGCCCCT  
TGCCGCATGGCTATGAGACGGTGGCACCTCGTGCACGAGACCACCGCTTTTCAT  
GTGCTCAGCGACAAGCTTGAAAGGCCAGTGCTGCTCGCCACCTGCCCCT  
CACTTCT

>CONTIG\_301\_length\_1258\_cov\_4.835544

GCATGGCATTCATGTCATCGTTTCGACCACGAGTACCCGAACCTCCACGCAACACCG  
ACATTGCCCACTCCTCCACGTAAGTCGGCCAGTATATCGACACCCGGTTCGCCACGG  
GTTGCAGACCCCGCTTGCAGCTGAATTCGTCAGGCACGTGCTGACACTGTTCGTTTC  
GCTCGCAGTCGCTATACTGCGCGGCCACGCCGAAGTGGCGGAATCGGTAGACGCA  
GCGGATTCAAAATCCGCCGCCCTAAAAGCGTGTGGGTCGAGTCCCACCTCGGCA  
CCAATGCATAGTTCAGGAAGTGCATTACGTCCAGAAACTTCAATTAAACCCGCAA  
CTTAGCGGGTTTTGTGCCGACCGTCCGGTGTGTCGTCATTGCGGTGCATTGCAAT  
CCGGGGGCAGTTGGGGCAAATATGGGGGCAACGGCGCCGCAACGCCTTTGCC  
CCACCAAGTTGCCCAATGCCCTGACTGATACCGCGATCCGCAAGGCAAAGCCC  
GCCAGTCGCACCCAGCGCCTGTCGATGGCGGGGTATGTACCTGGAAATCCCCCG  
GCCGGGGGGAAAGTGGTGGCGCCTGAAATACCGCATTGACGGCAAGGAAAAGCGGA  
TGTCCCTGGCACCTACCCGATACTGGCTGGCTGGCCTTGACCCAAGTGAACAACGCAAGCAAGC  
GAAGCAGGCACAGGCTGCTACGGTGGCCGCTGCTGGGTGACATTGAGGCCGTCG  
CCCGCGAGTGGATGAGCCGCCAGACCGTGGCGCGCGTCACGGCCGAGAAAAACCGC  
TGGCTGCTGGAAACGTTCTGTTCCGAGATCGGCAGCCGCCCATCGTCGAGATC  
AAGCCCCGTGAGCTGCTAGACGCCCTGCGCAAGATCGAGGCCACCGCAAGCTGGA  
AACGGCCAGCCGAGCCAAGATCAAGGCCGCCAGGTGTTCGTCAGGCCATGCTTG  
AGGGCAAGGCCAGGAGATTGATCCCACGCCAGCCTGCGCGCGCTCAAAGGCC  
AAGGCCGCCACCATTCCGCCGTGACCGAGCCGCCAAGATCTGCTCTTATACAC

ATCTCCGAGCCCACGAGACAGGCAGAAATCTGTATGCCGCTTCTGCTTGAAAAAA  
AAAACCATGCCTTAAGCGTCAAGCAGCATCAACCGATTACCCCCGCGCATTGCTCC  
ACTGGTTACCGAAA

>CONTIG\_302\_length\_1245\_cov\_20.564401

CGTCCTCGCTGTCCGGTCCGTGCCAATACGGATTCCAGCCTGGCCGGTGGAA  
CGCGGCCAGTGGCAGTAAACGGCACGCCGACTTCCAGCGTCATGCGGGTTTCG  
TTGAACGTGTAGTCCGGCAGCAGCGCAGCAAGGTAGTGCTGCGCGATCAGCAGAAA  
GGCGGTTGCTCGTCATCGCTGAGCGTGGCGAGCGGCACACCCGTGGCA  
CGATGGCATGGTGTCTGCTTGTCTCTTCCATCTGGCGCTGTGAAGACAGTGGG  
CCGGATGGTGGGTTGTTGACGGTCAGTGCTGCCACGTGCCGCCAGTCCTGGCAC  
CTGGCGAGCGTTCCAGCACGCCGGGATTCTGCTTCCTGCTCATTGGTAACAC  
CATGCACGGCGTGCCTGGTAGCTGGTAGCTCTTGTCTACAGGCTTGCACGAT  
GTTGAGCGTCTTTGGCGCTCCATCAAATGCCGAGGCCAGTGCTGGAAGCG  
CGAAAGCGTCATCAGGGCGGGAGGGCTCTGCGACTGCTTCGTGGCGACAGCGA  
GCGGTCCGCTGGCTCCGGTGGCGCTGCAATGATAGCTTCGGCGTGGCGCGTCG  
AAGATCCGGCCCATCTACGGCGCATACGTCAACACACTGGCGCCGAGCGC  
TGTTTGCCTGGTGAATTCCAGGTCGAATAGGTCGCCTCGCGAACGCCGATGGC  
GGCATCACGGCGCACGACCAGGGCGAGGGTGGGGACATCACGCCACATGGC  
GCGGCCCTTCCGCCAGCGCACGGATCGCAGGGTAGGCGCGCTGAGATTG  
ATGCCCATGAGCCAGTCGGCGCGAGCGTGCCTGGCTGCCAATACAGCGGCTC  
GCTGCTTCTCCTGGCCCGAGATTGGCGATCGCTTGGTAGGCGCGCTGAGATTG  
CGCGGAGTACCAAGCCGGCGCACCGGTCCCGATAGGCGCGTGGTAGT  
CACGTGCATTGCTTCGCCCTCGGCTCCGAGTCGGTGGCGATGATGATTGCG  
CCTTGGGATGTTGCCAGCACGCCAGCTCACGCTCCTTTCAGCAGTCGGCT  
TGTGCTTCCATGCGCTGGGATCATGGCAGCACGTAAAATTCCATGCTTCCCACG  
CTTGTGCTATCCGGTGGGCCACTGCTCCAGGAGGTGGCACGTGCCACGTGA

>CONTIG\_303\_length\_1242\_cov\_0.261883

TCTTGATGATGCCACGCAGTCCGTATCTTCTCTCTCTCTCTCTCTCTCT  
TCCCTCTTCCCTCTCTTCTCTCCCCCTTCTCCTCCCTTCTCTCTCTCT  
TCTCTCTCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT  
TTCTCCCT  
TTCTCCTCTCCCTCCCTCCCCCTTCTCTCTCTCTCTCTCTCTCTCT  
TTTTTCT  
CTCCCCCT  
TCTCTCTCCCCCTCCCCCTCCCTCCCTCTCTCTCTCTCTCTCTCT  
CTCCTCTCTCCCCCTCCCCCTCTCTCTCTCTCTCTCTCTCTCTCT  
CTCTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT  
CTCTCCCCCTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT

CCCCTTTCTTTCCCTCTTCCCCCTTCCCCCTCTCCCTCTCTCTCTCTCTCT  
TTCTCTTCTTTCTTCCTCCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CCCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CCTCCCCCTTCCCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CTTTTTTACCGTGTCACTGCCTCGATGGCTCGTGGGCCCGTCACCACACGC  
ACGTGGCGCTCGCCACGCGCTCGATCAGATAGCTGCCAGGCGTCGCGCTGGGTGATC  
TCGCTCTGCATGCTGAGGTGTTGCAGACTCGCCAGGCGTCGCGCTGGGTGAGGTC  
TGCCTGTCATCACCGCGTGCCTCGATGGCAGGCTCTCCGGTGCAGCGATTG  
ACGCGGGTGGCAGCCTCTGCAGGCTGGTCGACACCGGGCAGCGTCAGTGAATAGCG  
CATGCGCTGCCGGCACTGACGCTGGCTCGATGGCAACTGCCGTTGCC

>CONTIG\_304\_length\_1225\_cov\_27.809654

TGAAGATTGTTGACGCCGACGTTGCGCGTGCTGCTCGTGGCACCTGGCGCG  
CCTGGCCGACGTACTCGGCCACTTGGCGCGCTGCTGCTGTCGAAGTCCGACCGCG  
CTTGGCGACACCGGGAGACAGCCTCTGGCTGCGCGGGTGGCACATATGCC  
GGCGTTGACGTGGTGCGCTGTCTGGCACCGGGTCGATTGGCAGTGGCTGTAGCG  
TTGTCATTGAGCGCGCTGGTATGGCAGGCACTGGAGTGCAGTCTGCGCGTTGCCA  
GGCCGGCAGTCAGAACAGGGGAGGATGTGCGTCTTCATGGTTGCATAGT  
GTTGCACTCGTAGGCAGAAATTAGGGGTGCTACCGATGTCGCGCTGCCATTGA  
AGTCAGTGATGAACAAGCCAAGCGGGTCACCAAGCTCGACCTGGATCGGGCGTG  
CTTGCTTGATGGTAACGTGGAGGTCCACGTCGCTCGCTTGCACCTGGCCCTGGT  
CGGTGAAGCTCGTTCCACCCACCGTACCTGGTAGCTGTCGGCCGACACGGGACCCA  
CGGAGGTGACTTGCCTGGTACGGTTCTGGCCGACCTGCTCATGGTCGAACCCG  
GCACGCGGGCTCGCATTGAGCTGTTGCTGAGGCGGGTCATGAAGCTGTAGG  
CCTCGCTCCATGCCACTTCACAACCACCGATCAAGCGGGACGGTGCAGACTAGC  
TCGACCCAATGTTGAGGAAGTAGCGTATTCCGCCGAGCCGGCGTAGTTGGGG  
CTTGCATAGCCCACAACCTGCGGGCGCCATCGGTGTTGATGCGCGCGATAAGCGG  
CTTGGCGGTGGCCGGTTGCTGAGGGCAATGAGTCCACCGGCCAGCACGACCGACA  
ACGCATAGCCGCCAGTGCTGCCAGCGCCATGCGCGCTGTCGCTTCCGCTTCT  
CAAGTTGTCTGTCAGCCCTGCGCGCTGAATCGTGGTGGGACATCGCGCCG  
AGCTGGACGCTGGCGACGGCGTTGCAGTAGGTCTTGGTGTGCTCATGCGTT  
GTTAGCTCTCGTGTGTTGGGCAATCGTCGGGCTCCACTACCGCCACTGCTGGT  
GGTTGTGGCTCTTACAGCGTGGTTGTTGGCGACCGTTGCTGCGTCGCTG  
AATCGCTGCCTGCCGCTTCCAGCGTTCCG

>CONTIG\_305\_length\_1212\_cov\_5.682028

GCAAGAGCATCATGGCCAATGTCCGGCGCGATGCAGGTTGTTGAACCTCAGCGAG  
GACATCGACATCGGACTGACCCCGCACGACCTCCGTCGGACCATGGGGCGCTACGC  
GGCGCATTGTTGGGAAAGCGAATCGTCTCGCAGCTTGCATCATCACACCCG  
CGGGCAGGGCCAGGACAGGATGGCCGCGGTGTCGGAGCGCTACACCGAGCAGGAG

TGGTCCAAGTTGCGAGAAGCGATGGGGCGAGTCGAGGAGGCATACTCGCCAAGAG  
TCCGCGGGTGTGGAACCGACTGAAGGGACGGACAAGCCGAGGCTGGACGAGGCC  
AATGACCCTCCGGTTACTATCTTGTCAACGAAACCAGCGGACCGCATTGGATGAT  
TGAGGTTTGTGCACTGAAGAGGACTACCGCACGCTGGAGGCCGCGCTGGACC  
AGGAACCTGGAGCGCGCAAGAGGTGGCTGACGCAAGCTGTCAAGCACCAAGGCTGC  
GGCACGGTTCTGGAGTCCACTCGACACGCTGGGGAGTGGCGCCGCCGCTCCC  
CACCGTTGGGCCGCTTCCAGAAAGGCGCCGGACACACGGGTGGCGGGGCCAAT  
CAGCACGTGCGTTACCTCTACGAAGACTTGTGGAGTGGCAGAAAGCCAGGCCAG  
CAAGACGCCAAAAGAGCGACGCCGTAGATGAGTTAGAACGGTTGAGGCAGCAGG  
CTCAGGGAGTTGGAGCTCAACTTGAACACTACAGGCAGTCAGGGACCAAGTCGCTGC  
ATGACCGAAAAGCGGGCAGGGCCTGGCCCTCACGACAGTCAGGAGTGGTGTGAC  
CGTCCAGCACGACTGGGTGTTGGTCGGCGGTGCGCTGGTGGCCATGTATTGACCGT  
GCCAGGGCGATGTGCTGACGGCTGCGACTGCTGCGGATGGAGCAAACGAAGCGAACG  
GCACAAGCGAAGCGAATGTTGCTCATACCGGGGTTGGCTCAGAGGTTGGCGAGTTG  
TGGACGGCCACCCCTGGAAGAAGTGCTGAAGGAGCCTGGTCGACAATGAGGCTCG  
AGACCCTTCAGCGAGGCATGGATACGGCACTGGGGAGCTGACGCGACACCTGG  
CGCAGGAACGCTGGCGCAGCGAAGCCGACCTGAAGATAGGCTGCCCTCCGGCG  
ATAGTGTCCCCGCACTCCGTTAGAGGTTGCGC

>CONTIG\_306\_length\_1182\_cov\_22.366825

TATAGGCGCGCGTTCGGTAGGTGAATTGCAGCGAGGACATGTGCAGCGCGCCG  
CGGTGATCGCGCGGAACAGCTGCCACGTCACGACGGTGCCTGTCGTTGGCGT  
GCGGCCAGCACAGTCGCGTTGCGCTTCGGCGCGCGGGTGAGGTGCATGG  
CCATCAGTGC CGT CCT GCG TAGCGACGAGTGC CGC AG ATGG ATT CAAG GTG CG  
CCACGTACCTGGCCAGGCCTCGATCTGCGCTTGCGCAGCGCCTCTGTGCACCGAGGT  
GGATCATCTCCCTCCCACGAATCAGCTTGCCTGATAGGTCTGGCTTCCATGACTGC  
CACGTCACACGCACGCCGTTCACTCTGACTGCATAGCCCTGCTGCCGCATAGGCC  
TTTCACCGCGTCGTAGTTCTTCGCGCTTGAGCCAAGGCATCGCGTGCCTCTCCAGC  
TTCTCGGAGCGTTCGCACTGCGGTATGCGATGGGATTGCTATCGGGCATTCC  
TAAGAAGGTGAGTGCCTGCACCCGGCATGCCACAGCGCAGCGACGTTGAGC  
CGGATCTGTTGGGATCACGGCGATCGGTGCGAGCCTGGCTCGGCCCTGATG  
TCGTTCCGGCAAAGCACACATACGTTGAGCACCGGCCGTTCTGCGTGGAACTCG  
GCTTCATCCAGGCTGCGCGTGCAGCTCGCAGGTGCGCAACATCAGGCGCCTGCT  
GGTAGCTTCCGGCCCGCACGCGCAACACCTGCTGCATCGCGGTAAACATGGCC  
GGCAGTTCCGCCGCGTACAGCTCGAGGCAGCGCTCGATGGTACCGGCAGGAA  
GCCAGTTGCGCCAGGCCATCGCGGTGATCGTCAGCGGTGCGATCTCGCGTTGAT  
GTCGCCAGCTGATGCGCACAAACCTGGCCGGTGCCTGGCGCTGCCAGTGACTTGA  
CCGCCTGAGAGAGAGCGGGGAGAGGGCAGCAGGAGCCGCCACCGGTGCCGG  
TGCCGACACGACGGCGGGGGCGCGCAGGCGCAGCGACACGTGCTGCC

CGGCCTGTGCATGGCGCGCGCTGTTCTCCTCGCGCTCCTGCTGCTCGCGCGCCA  
GCTTGCCGCTTCCTCCTGACGAATCTTCTCGCGCTGCCAGCCGCT

>CONTIG\_307\_length\_1152\_cov\_0.188293

TCCCTTCTCTCTCTCCTTCTTCTTCCCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCC  
CTTTCTTCTTCTTCTCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CCCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
TTTCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
TTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CCCCTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CTCTCCTCCTCCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CCCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CCTTCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CTCCCCCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CTTCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
TCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
TCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CCCTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CCCTCCTCCCCCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CCCTCCCCCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
TCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
TCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
A

>CONTIG\_308\_length\_1140\_cov\_43.064166

ACCATGACACCGACAACCGCACGTGCACATCATCGTGCCTGGGGTGGATGACAAG  
GGCGCGACCTGGTATTAGCCCGACTACATCAGCAATGGCATGCGAGCGGGC  
ACGTGAGCTGGCAACGCGCAGCTGGATATCGGAGCGATATCGACATCTATCGCT  
CTGCGCGAAGGAGGTACGCAAGAGCGCTGGACGGGTCTGGATGCGTCCATGCTT  
CGGGAGCAGCAGAGCCCGAAAGCGGCTTAATCCATGCCGCAAGGTGCATGCAG  
ATCCGTTCCGCAATGCACAGCGCAATTGCGGCTCCAGCGGCTGGCGATCCTGCGT  
ACCACGGCTTAGCCACCGAACAGATGCCGGTCGCTGGAAGATCCACGCGAACGCG  
CCGGAGGCGATGCGTGCAGGGTGTCACTCCCTCCCTCCCTCCCTCCCTCCCT  
CGCACGTTGACGCCAACGTAGCCGGCTGGACTACTGGCCGACAAGGACAGTCTG  
AAAGCTGCACCCGTGCAGGGTGTCACTCCCTGATGCCGATTGGCAGACAAACTGTCA  
GGCACCGAGTACGTCAATTGTTGGGGGTCGACGGCCAGGTGCATTACGCGACGCTT  
AGCATGCACTCAGAGCGACACATGCCTGAGCGCGGACGCATGGCGACACCGTGG  
GCTGGGCACCTACACGCCAGCCACGTCTGGGACAAGAACGTGCTAAGGC  
GCTTGAAGAGCGCGTCTATCTCCGGACGCGCATTGGCCGAGGTGAAGCGTGG

GACCCGAAGCGCTTGCCTGCAATGCAACGCCGGAGTCCTACATCGATGCGCACGT  
CAATCGCATGGAAGCGCTGGCGAGCCGAGGACATGTCACCAAGCTGCCTGACGGCA  
CGTTCCGTGTGCCGCCAGACCTCTTGGCGCGTCTCGATGGTATCCAGCCATTGCC  
GTGACAAAAACTCGTCTCGTGGACGTTAAGGCAGCAAGGCTCGCTAACCGC  
CAGAGCCAAGTCATCGGGCGCACGTTCTGACGACCAGCTGGCCGCTGGTCGCC  
GAGCAGCTGAAGAACACCACTATCCGACACGCACCCAGGTGCAGTCCTAGACGC  
ACTGGAAGCGCGTGC

>CONTIG\_309\_length\_1126\_cov\_177.122122

CCGACCGGTACGGACAAGCTGACGATCGATGTGGAATGGTCGGACTTCGTGCC  
GTTCTTCTCCGGGATGATCACTTGGTCGGCGTCAACGCGGCTAGTATGCCAACGT  
GTCGCTAGACATTGAGGCAAACGACGCCGGCGCGTTGATGGTGCAGACCTCGCCGC  
CCTACGCCAAGAGGGCCCCTAAACCTGCGCAGATTCTGAAGCGATCGCCGCC  
CCGGCGGGCTTCACTGTGAACTACTCCGAATCAATTCCGAGCTCGCTGGTACGT  
ATTGGGGCACGGCACGGTGCAGCAGATCACCCAGATTCTAACCGCGTAC  
AGAACTGTCGTGGTACGTCAAGCCTGCAGTCAGTCATCGTCCGGCCGGTAAATGCC  
GCTGGCGGCATCCTGTCGCCATCAACAAGACGACCGGGATGATTAGTTATCCGGT  
GTACTCGACCAGTGGGCTGACCGTCCGGTACGGTGTCAACCCGCTCATTGCCCGG  
CGTGGCGCTGGACATTACGACCGCCTTGACTCGTCAACCGCACTAAGTGGATCGC  
AGCTGTGTTACAACACAATCTGCAACCAAACACACCGGGCGCCAATGGCTGACGC  
AGATGCCCGCAGTCCTACGGGCAAAGGGAACACCAATGGCACTCAAACCTAA  
CATCGGGCCGGCAGCAGACGCCAAATACGCCTGCAGGCTGGTCAACTACATCG  
TGC GGTTCTGCACCCGACCATGTCGGCGCGGACCCAGGTGTACCGGGCGGCC  
GAAGCGAGCGCGCTGGAATTGCCCTGGCCTACGTGCAAAGCGACCTTATGGAGGA  
CTGGCGATTCAAGGACATCATGACCGTGCAGGAGGCTATCGCGCGCCGGTGGTC  
GCCGTGGCTGACCGCGCCGCCTATCGCGGCCCTCGAACAGCGCAGTTCGACAAGAA  
CCGCGCGAGGACTACGCCATACAGCGGCTGATCCGTAGGTCCACACCGCGGATC  
TGGTCAAAGTGCTGGCGGTCTACCCGACCGAACGGCACCACCGGATTGTCGACGTC  
CAGCCGATGGTACTGGAAGCCACGACCACCGGTGTGCTGGAACAGAGTCCGAT

>CONTIG\_310\_length\_1125\_cov\_19.197395

CGAGCTCCTGGTCGCCATAGATGCTGACCGCAGCGGGATTGCAAGCCTGCAGCGCG  
TGCCGCTCCGCCCTCGAGGTCGTGCCAGATCAGCCAATGCTCATCTGGCGTGC  
ACGACCTGCTGCACGGCTGCCACGCCGCGCCAGCGTGTGCGCGCTCTCCTCGCC  
GCGTTCTGCAGCCCCATTGCGGCATCGCGAACAAACTTGCCTGGCCATCCGCTCG  
GCGCCGGCCGTGTTGTCACCGCACCTCAACGTAGTGCACGGTCAGTCCGGT  
AGGTCAATCCCTCGTCGAGTTCGCGCAGCGGGACAGCTACCGCTGGAGCATGCG  
TTCGACGCTCCACCCCTGCGCGGTACCGTAGAGTAGCGTCCAGTACTTGATGCC  
TTCCTCAGCCCATGCGCGAGGGACTGCTCACGCCGTGGTGTGATCCGGACGGT  
ACGCGTGTGTTGCGTGTGCTCGGTCCCGTGGCCACCGGCAGTTCCGGCTC

ATATCCTCGGTGTTGTCGATGCGCTCGAGGGTGCCTCCGACAGGTGGTTGCCGAG  
GTCGGCGAGGAATGGCACGAAGCGTTGCCACTGCTCACAAACGGTGATGCCTCGGC  
TTCCGTAGTTGCGCCAGTCACGGCCGACACGGTCGAGCATTGACCAGTCGACGT  
AGGCAGGCAGCAGGTTGGAGGTGGCGTGACGCTGCCGCCAGTCGACCTG  
TACCGCGAGCAGGTTGGAGGTGGCGTGACGCTGCCGCCAGTCGACCTG  
CAGAGCCAAGCGCCGTGGAGAGCGCCGGGGTCCATTCAACGACCTGGAGGCG  
CCCAGCGCTGGTCTGGATTCTTCGTCGTGACATGGCAATCGCAGAGGTCG  
CTGGGTTCTGGAGGAAGAGTGCACGATGCTACCCACAGCCAAAATTCTCGGCC  
TTGTGCGGGTAGAGCGTCAGGTTGGCTGAGTGCTGTCACGCTGAACCAGCGT  
GTGAGTGCCTGGCCGGTGTCCATCACGCCAGGAACCCCTGCATAGTGAATCAGCTCT  
TTGTAGCGGTTGGCTCGCGTGGCGACGAACCGGTACC

>CONTIG\_311\_length\_1121\_cov\_15.649899

CTGTCAGCCTCCCGTAAAATTGATCCAGCCATAACTAGAGGTCTCCGGCACACTAGC  
CACCAAGGAGACCACCATGCGCAAGAGCAAGTTCACCGAGAGGCCAGATCGTCGCCA  
CGCTGAAGCAGGTCGAGGGCGGTGCCAGGTCAAGGATGTCTGCGAGCTGGC  
ATTTCGATGCGACGTACTACGTCCTGGAAGTCCAAGTACGGTGGCATGGAGGCAGCT  
GATGTGCAGCGCCTCGCGACCTGGAGACTGAGCACAACAGCTAAACGCATGTA  
CGCCGAGCTCGCGATGGAAAACCATGCATTGAAGGATGTCATCGAAAAAGCTGT  
AGACCCGGCGATAAGCGCCCGCTTGCCTGGCTCATCGAGCAGCATGGCTGGA  
GCGAGCGCCGGCCTGCGTGGTGGCGCTCGACTGCACGTTATCGG  
CGCCGTCCCGATCGGATGAGGAGGTTATTGCCTGGCTCATCGAGCAGCATGGCTGGA  
TTTCCCAGCGCGGATTGGAAAGCTTTCAAGATCATCCGTCGCGGACATCTG  
TGGAAATACAAGAGGGTCTGGCGCGTGTACTGCTGATGAAACTCAATCAACGTCGC  
CGCAGCAAGCGCCGGTCCCCACCCGTATCCACAACCGTTGGCATGCGGAGCACA  
CCCCAATGCCGGATGGTCGATCGACTTCATGTCCGATGCGTTATGGGATGGTCGACG  
CTTCCGCACGTTCAATGTCATCGACGATTCACTGGGAAGCCTGGCGATCGAAGT  
GGACTTGAATCTCCGGCCGCCCGTCACTCGCACCTGGAACGCATCGCGGCTG  
GCGCGCTACCCGGCAAACCTCGCTGGACAATGGCCGGAGTTGTCGCTTGGCATTGGC  
CTTGGCCGAGTGGCCGAGCGCAAAGGCATCGCTGGACTTCATCGAGCCGGGGC  
GCCCGATGCAAACGGTTCATCGAACGCTCAACGGCAGCTACCGCGCGCGT  
CTGGACATGCACATCTCCGCACGCTGAGCGAGGGTCCGTGAACAGACCGAACAGTG  
GCTGGCCGACTACAACCAACAGATAACCGCACGACAGCCTGGCGGGCT

>CONTIG\_312\_length\_1108\_cov\_40.011213

GTTAGCGCATCTACGTAAATATTGAATTGAACTGTTGAAACTGTTGTCGAGCTACT  
CGGTTGGAGGTCAACGGTAGCTCTGCTCTTATATTGCTATTTCACAAAGTCTC  
CCATAGGAGCAGCACCGGCTGCGAATCTTCAGGACCGTTGGCTGCGAACACG  
ACTCATCAATTCCGATCCAGTTCGCCCCATTACACTGGCTGCATGAAGAGTTGACC  
CTGACCCGAAACGGATCAATGATTAAATCACCAGGATTACTGCTGGCCCTACA

ATCAACTTCATCATCTCAAAGTTTTCTGTTGGGTATCCTGTTACTAGTATTGATT  
GATGATGAGCATCACGAAAATCTTCCAAGAACAGTATATCCAATACTTTATCTG  
CTGTTAGGTATACCTTCCCGTGGGTTCCCGGTTTGACCAATGAATTTCACCGGC  
AGCGTTAAGATATCTAGCTTCAGGGGTGACTGCCAATGCTTCCTGTCGGGGGG  
CATCATCCCTGCCATAGACCGCCCGTTGCACCATTGAGTGCCTGGAGCATGAAT  
AGGGACTAGCTTATATTGGCCTTGTATCAACCTCGGAACTCTTGCGATCAA  
TCGGCATCAGGTGTTTAGAGGCCTATTCCAGATGTAGTTCTGCTTGTGTAAC  
ACAAGATGTAATCATTGAGGTTGGCGAAATTATTCTTGTGAATTCTTACTGCTACA  
CTTCGCCGGGTGATCAGGTTGATAAACCTCTCGCCGAAAATTTCATCCAGGAG  
AAATTAACTCGCCTACCATTGGTGGCCAATATGGACATAAAATAGTGCCATCCTC  
ATCCATAAGCTCCCTCATTAACAGACGCCTACGCATGAATTCTAGATAAGCAGC  
CTCAGTTAGGCAGTCATCATAAGCATGTTCTGCTGGAAAACCCATGCC  
AGTCGCATAGGGAGGATCCAAGTAAATTAACTTGGCCTCTTTCCGATATAAG  
GCGATGCATTGCAAGCCAGTTGTCTGACCAGACGAAACTATTAATTCAATTGATGA  
GCTGCTTTAAGCCTTAA

>CONTIG\_313\_length\_1106\_cov\_9.759959

TCACCATCCACCTTCAGGGCGTCCCACGATTGCCGGTCAGAAGGTACGCCGCTGC  
CGCGTTGGCCAACACGCTCCCATCATGCTGGTAGCACCCAAATGAGCAAACGATG  
CCAGCAGTCGGCCGGACTCAGCGCTCTGCAGTACAAATGCCTGAATACGC  
TCTACCGAAGATCTGAGGTACAGCGAGAGCGATTGGAGGTACTGGATATTGAA  
AGGGCCGACAACCTAGTCGTCGCGACTATGCCAAGCTCGCGGAAATCGCGC  
GGTGGATTACTACGAGATCCAGGCCGCAACCTGCTTCGATTCAAGTGGAAACA  
AGGGCAGCGGGTACCGGTGGCAACTCAACATGTTCAAGCGCCGTTGGTGCAG  
GCGGTACTCAAGCGCTGCATCGTGGCGTTGATACATGGGATATCTACTACGCCTG  
ACGCGACCTTGCAGGAACTTGATGGCAAGTCGCCTATTGAGGGCGTCACCTCGGA  
CAATCAGCAAGCGATGGTGAGGCGGTTGCCGGCGTAGCTGAAGCAGCGACGC  
CAGTCGTTGAGAAGCGAGTCCCCATAAACAGGATTGCCAATGCATGTGAATT  
GAGGCGGGTATGAAGGCCGAGCAAGGCGAACGGGGCTCAAAAGTCATGTCAAGG  
ACGAGGCCCAAGTGCTCTTAATGGTAGTCAAACCGACAAGCCTACTGTTCCA  
CTTACACTGGTGTCCGTCACTCTCGCAGCATCGAAGTGTGACGCGTTCGACGC  
TTATCAGGAGGGCCACATGAAACCTTGGCTGAAAGTTCACTATCATTAGCTTGGC  
GATCTCCTCATTAGGAGGATGCAACCGCTTAGCAACCGGAAGATCCAACAG  
CTTCCGATCACTTGATGATTCTCACGACCTGCCAACCAACGCCCTGTTGACTGCG  
CCGAACTCAGCATCAGCCAACCTCTGCAACCGATAAGTCTTGGAGAGAGGTCACGC  
ATAAGGACATCAGTAATGGAGTGCTGAATCCGGAACCTTGACGATAAGAACCGC  
ACCGGTTCCGCATCGTATCGAACGTGCGCA

>CONTIG\_314\_length\_1099\_cov\_6.973251

CTTCACTGGCGCGCATGGTCGTAGTCCTCTATGGCTAGTCACCTGGAGACTGC  
GCCATGCGCGCACTGTTCCACTGGATCAGTGGCATAACTGCTGATCCAGCTAGG  
GAAAACGTGGGATACCTCAGGGCGGTATGCCTCTACAATTATGCTCCGTATCG  
GGACGGACGTCTAAATCCTCAGACAAAAGCGCGTACCACAGCGCGATCAGGGCA  
AGCTTGGGTTGACCGTGCCCACGGCGCGAGAGAGCGCATTGATCCCGCAAAGCG  
GACCATACATATGAAGCAGCGGTGGCGGTCTCGGGATAAAACTCGGGGACCGA  
ACCGCTGGTCTGAAGGAAAACATTCTACGGCTTCTCGAAACATGTCCGCGTT  
GCGGCCATTGGCATTGCTACCTCTGCGGTTGGCCTGGTCATTGGACTGTTCATGGCT  
GACGTTTTGCGCTGAACCCGTTGGCGCCAGTTGGGATCCTACTGCATCCCGGT  
TTGAAGGTGGAGTCACCCCTGACTGCCTCAGGGATTTGCTTGTATGGCTGACC  
AGCTTAGCCACTCTCGGGTTGAAAGCGCGGCTTATGCGTATGCCGAGCGTCTTG  
AGCGCTTCGATAGGGTGCCATGAGTTGCCGTGGCTTATGGATGATAAGGGGAGG  
CTGCCAGTCCGCGCAATATCGCAGGATCTTTCGTAGGCGACGCCAGGCCCT  
TCCTAAATGCCGGCGACAAGTGGGTTGTTCATGAGCATCAAGCCAGGTCAAAG  
CGCATTGCCAAGTCGACGGGTAAGCCGATCAGCGTACAGGTGATAACAAGACGAC  
ACCAGGTAACACGCCCTGGCTTAAGCCCCATACGCACAAAAAGGGCAAGTAGGAAT  
ACAGGGAAAAGTTCTTACTGCAAAAGTGTGCCTGATGTTGGGGACCCGTCGT  
CACTCCGTTCGCGGGCTCTTTCTAATACGAAGAGACGAGGTACGTTG  
AACCGTTGGTCTGCTCCGATTACCTAAAGTGATTTCCTCTCATTTCCTGCGGCA  
TTACGATGTATGAGCTGGG

>CONTIG\_315\_length\_1095\_cov\_3.206612

GCGTTGGCGCACAGCGGCTCGTCAGAGAGTGTGGCTCATCAGCCGGCAAGCA  
GTTGGCCAGCGATTCGAGTTGTTGGGATGGGTGGTCATGAAAACCTCGCTGTG  
GTGAAGTCTTCATCGAACCAAGAACGATGCCATTCAAGAGCTGCTTGAGCTGC  
ATTTACAAATTGAATACGGGTAGACATTAAAGGTCTGGTATGCCCTTGGGCAT  
TTTTAGGATGTGCTTGGAGAGAGCTGCCGTATTAAAAAACTGAAATGGGGCGGCAAC  
CAAATTCAAGACATTGCCAGTGCTAGGGTCTTCATTAGGGGGGGTATCGCAG  
GACGTGTTCTCACCTAGCTCAAGCCAGCTGCCAACATGCCGCGCAACTCGTCCACC  
CCCTGGCGCGATTGCCGGAGTAGGTCTGCACGGTCACGCTGCGCCAGCGCGA  
GGTCACTCCTCTGACCTCTGCAGGGTCTGCATCTGCTGCCACGCCAGCTG  
TCGGCTTGGTCAGCAAACCGTGCACGGCAGGGCGCTCGGCCATAGCCGAG  
CATCTGCAGGTCTGAATCCTGAGCGGATGGCGATGTCATCACCACCAAGCCC  
GCGCAGGGCCTCGCGGGTGCAGAAATAGCGGTCTGAAGGCCTGCCAGTGC  
GCAGGTCTGCAGGCCACCTGGCGTAGCCGTAACCGGGCAGATCCACCAAGATAGCGC  
TCGGGCTGGATCTGGAAGAACACCAGCTGCTGGGTGCAGGGGGTCTGGACAC  
GCGGGCCAGTGCCTCTGGCGGGTCAAGCGCGTTGAGCGCGCTGGATTTCCGGCGT  
GGAGCGGCCGGCGAAGGCGACCTCGTAGCCGCCATCGTCCGGCAATTGCCGGCGT  
TATGGGCGGACAGGTGGTAGCGGGCTTGTGATAAGGAGCGACATCCCCCTAGGA  
TCGCACGTTCGCGCCTGGCGTTTGCTGCACTGTTGACCCCTGGCGCAAAGG

CGTTCGATAATCGAAGTACGCCAACAGCCAGCCTCAAACCGCGCAGGTGG  
GTCCATACGGAGCTTAGCT

>CONTIG\_316\_length\_1087\_cov\_5.676042

TATACGGATGAGTTCAAGATCGAGGC GG TCC GGG CAAGT GACT GAT CGT GGG TTCAA  
GGTGGCAGAAGTCGCCGGCGGCTGGGTGTCACGACGCACAGCCTGTACGCCCTGGC  
TGC GCAAGT CCG CAAGT CTGGCGTGGTGCATCGCGCCGAGGTGGACCAGAGCGCC  
GAGGTTCGCGGCTGAAGGCAGAGTTGCGTCAGTGACCGAGGAGCGCGACATCCT  
AAAAAAAGGCCGCCGCGTACTTTGCCAAGGGTAAAGGCAAAGTACGCGTTCATGCA  
GGCCC ATCGCAGCGAATT CAGGCT GTGCGAT GTGCCGGT GTGCCGGT CAACCG  
GGCGGGTTATTACGCCCTGGTTACGCTCGCCCGACAGTGAGCGCGCCAAGGAAGATG  
ATCGCTTGCTGGACTGATCAAGCACC ACTGGCTGCCAGCGGAGTGCTATGGC  
ATCGCAAGATCACCACGGATCTCGCGATCTAGGTGAGCGTTGCAGTCGCCATCGG  
GTGCACCGGCTGATGCGCACCGAGGGACTGCGTGCCTGCCAGGTGGCTATGGTCGCAA  
ACCGCGCTTCCATGGAGGGATGCAGTGCAAGGCGGCTGCCAACCTGCTTGACCGAC  
AGTTCGACGTGACTGAGCCGGACACGGCCTGGCGAGCGATTCACCTCATCCGCA  
CACATGAAGGCTGGATGTATTGGCTGTTGTGATCGATCTGTTCCAGGCAGGTG  
TCGGCTGGCGATGCGCGATCGGCCGACACCGAGTTGGTGTGCAGGGCGTGTG  
TCTGCGGTGTGGCGCGAAACCCAACGCTGGTTGCTGGTTACTCGGACCAAGGG  
TCTGTCTACACCAGCGATGACTGGCGCAGTTCCCTGGCGTCCATGGCTTGGTGTG  
AGCATGAGTCGGCTGGCAACTGCCACGACAACGCACCCGTGGAGAGCTTCGG  
CCTGCTCAAACCGCAGCGGATCAGGCAGCGGACCTATCCCACCAAGGACGCCGCTC  
GCGCCGAGGTATTCGACTACATCGAGATGTTCTACAACCCCAACCGTGCACGGTT  
CAACTGGCGACCTGTC

>CONTIG\_317\_length\_1084\_cov\_16.571578

ACGGCGCTACGCGCAACGAGGGCTTGAGTGTCTACGGAACCCCTGGCGTATCAGG  
CGCCGCTATCACACCGGCTTGATGGGTGATCGCAAGTCACCTCAGGAGAATTGCACT  
GTTGGCAACGCACTGGCGGGTGAAGTGCCTACTTGTGCGACCACAAGCGGCACAA  
CGGCCTACGGTTATGACTTGGTATTGATCGGGCGCGAACACTAGGGAAATACAC  
GCGTAATGCGAGCTTGACCGCGAGCGTACGAACAGGCAATCAGCCGACCCATC  
CGAGGATCAGCGTCAGGTAATCATTGGAGGGACCCGTTGGCGTTAGCTGGCGCT  
CCACAGCTTCCAGCTGTGGCAGCAGCGCTATGGCGACGCTCGCCGCGTGC  
AACGTGCCACTGCCGAGGCAGTACGCACTCGCATTGATGGCTCCGGTGGTGTG  
AGAATCGGCATTGGGCCATGACATGCCGATGCACCGCGCCATGGCGGTGTCCAC  
TGCCTAGATCCGCCACGGTCGCGCGTCCACCGCCGTGGACGTGACAAACAGCTG  
CCCACGTCTCATCGTTAGCGAGCGTGTGTCATCTTGCTCTCCCCGCCGGGATG  
GGGTGACTTCTAGATACCACTGCCGTGTGGCATTGCAGCGAACACCGAGCATCG  
CCATCGAGATGCAGGGCGCGCCGTCGGCCTGGCGGGTGCACGCGGGATGGCATCG  
CCATCGTCGGCAAGATGGGTATCGGGCGCGGTATTGCTATGTCGTTGGGTATGCC

GTCGCCAGCAGCATGTTGCAGCTGACACACCGGACGGTGGTGTGACGGCCGGAAC  
CGGTGGAAGCATGGGGCATGGCGATAGGCGTGTGGTCATCGTCAATCTCAA  
GTCAGACAGCAGGGGGGTGCTGGCTGGCGGTGCGCCAGCTCGCCAGCGTGCG  
CGTGCATCACCGACCGATCAATGGGCCAAGCACTGCAAACAGCACCGCAAACAA  
CACGCCGGCAACTGACCCTGCCAGTGGTACCATCGGATAGATCAGGGGAGCG  
GCGCTAGCCAGCAGC

>CONTIG\_318\_length\_1067\_cov\_32.629787

GCGTGCATGCATGTTGCTAACGGTATTGCACACTGCCCTCAAGCAAGCGACTTCCAC  
CAGGAGCGCAGTGCATGAAAACCATGCCATGCCGTCCAGAAGGGCGCTCCGGC  
AAGACAACGATGCCGTTCACCTCGCGGTGGCCGCGCAGCAAGCCGGCTACCGT  
TGCCTGGCCGACACCGATCCGCAAGGCTCGGCCAAGGGTGGCCGAAACCCGCA  
AGCACTCCACGCTTGAAGTGGTGGCCATCACCTCGCCAACGTGGCCAGCGGTCC  
AGGCCGAGCCGAGGAAGGCTATGACCTGTTGATCGTGGACACCCCCCGATGCG  
TCAGCCGGCATGCCGGCCGCGTAGAGCATCGGATCTGCCCTGATGCCGATCCGC  
CCGAGCCTGCTGGATCTAGCCGCCGCCGGCTTCGATTGGCTATTGAGGCCAGC  
GGCAAGCCGGGGCGTTCATCCTGTCCAGCGCCCCGATCCGCCAGTGAGACGCG  
GGAAGTGGCGCGGGAGCTAGCCAGCACCGCATTCCGGTGTGAAACGGTATCC  
ACGACCGGACTGCCCTACCGCCGCCCTGCTCACGGCCAGGCCGTGGCGAATTG  
AACCGGCCGGCAAGGCCGATTGAAATTGCGCCCTGTGGCGTAAGTGCACACG  
CTTTAAGCACAACCAAAGGAACCCACGTATGACCACTGGACTCTCCGGCAAGCTC  
GGCAAGCTGCCGCCCTGGACAAGAACAGCCAGCACAGCCGGCGATCGGC  
CAAGTCGGCGAACCAACCACGCAGCCGGCTCCAAGGCCGGACGGCGAAGAGC  
GCGCCAAGGTTGGGCCAACCGTACGATCACCATTCCGTACCTGACCGACGAGGA  
CCTGCGCCGGATCTCGAGTTCGCTACACCCACAACATGACCATCCAGGACGTCAC  
CATCAAAGGCATCTCGATGTTCCCTCACCTCGATGGGTCTGCGCCATTGTCAGCTTG  
GCTGACACGCCCGAGTCCAGCGCGACGAATAGCGATGCGAGCATGCAAAG

>CONTIG\_319\_length\_1065\_cov\_11.328358

GGAACCTCTGAACAAACGCACCGCAGATAAGCGACACTACCCCATGTTGAGGAGTG  
ATCCATGCAACTGACGTTGGTGACGCTGAGGGCTGGCAAGCGCAAGCAGACTC  
GCCGGGAGATCTCCTGCCGAGATGGAGCAGGTGGTCCGTGGCAGCACTGCTCG  
GTCTGATCGCGCCGCACTATCCGGTGTGGGGCGGCCAGGTGGCAGCCGTACGCA  
CTGGCGACGATGTTGCGGATTCATCTGCTGCAGCAGTGGTATGCGCTGAGCGATCCG  
GCGATGGAAGAACGTTCCGGACGAGACCAAGATCTCAACTTCCGCGCCTGCTGG  
TGGCTTGGACAACGTTCCGGACGAGACCAAGATCTCAACTTCCGCGCCTGCTGG  
GACCCATGGCCTGCCCGCGGATGCTGGAAGCGGTCAACGCGCATCTGGCACCG  
AGGGCAGAGCCTGCCGGACGATCGTCACTGCGACGCTGATCGCTGCACCC  
AGTCGACCAAGAACGCGACCATGCGCGACCCCTGAGATGCATCAGACCAAGAA  
AGGTAATCAGTGGTATTCGGGATGAAGCGCACATCGCGTGGATGAATTTCGG

GCTGGTGCACCACGTCCATTGCACAGCGGCCAATGTCGCCGACGTCACGGTGACGC  
ACGCATTACTGCATGGCAAAGAACAGACAGCGTGGCAGCGACAGCGGCTACACCGGT  
GCGGACAAACCGGAAGAACACTGCAGACCTGCCAGGCTGCATTTCATTGCCGCCAG  
GCGTCGACGCTGCAAGCCATCGCAACAAACGCGAGCGTGCCTGGAGCAGCGTT  
GGGAACACTCAAGGCCAGCGTGCAGCGAAGGTGGAGCATCCATTCCGGGTGATC  
AAGCGCCAATTGGTTACACCAAGGTCCGCTATCGCGGCCATGGCCAAGAACACCGC  
ACACATGCTGACCTGTTGCGCTCTCCAATCTGTGGATGAAGCGAAAGCAGTTACT  
GCCGACTATGGGGAGCGTGCCTGTAACCCGGGAATTCCAAGGAAAGTG

>CONTIG\_320\_length\_1059\_cov\_4.254292

GAECTCTCAGCCATGAAAATTGCTCGCTGCACGTAAAACCGGCTCTGGGCATGGTGTG  
GATTGCATCATGGCGTGGCAAGTCGTGGCAGCATCTCGCGCAAGCGGAATCGACG  
ATTAAAACGATAAGGCCGTTCTCCCAGGTAAACGCCCTGCGTATTGCCTGCGCGAT  
GGCGTGTACACGCCACTGATGGCGCGTTGAGATTGCCAGCACCGTTGAGCC  
AACGTGCACCGGCCGTTCGGTGCGGACGACCACGCCAGTGTCCAGCGTGGTGT  
GCGCGTGGCCGGCGTCTCTAGCCGGCGAAGCAGGCCAGGCCATCGGTGTAGACC  
TCGCATTGGCGCCAGGCACGGCAATCCAGTCCTGCAGCGAGGTGTTATCGAA  
GCTCGCACCGGCTCGATCACCAAAACGCGGCCGCGGTGAAGGTAGCATCGGTCT  
GCACCGCAATCAGGAACGCTTGTGTTCTCCGATCCCGTCCGGCCTGCCACCGT  
TACGCTGCCGCCGAGATAGGCATCGTCATCTGCACGAAACCCGCCAGTTCCGCA  
TGGATTCGCGCTCGGCCATAACCTGCATGATCTGTGTTCATCCGCCAGGCCGTCTT  
GTAGTTGACGCCAGATGCCGCATCAACTCCAGCGCGGCCATGTTGGTTGGTCGA  
GGTCAGCAGGTGCAACGCCAGCATCCAGGTGCGCAGCGGCAGCTGGTGCCTCGA  
ACATCGTCCTGCAATCAGGCTGGTCTGATGCCGGCACCGCCTGCATTGGGAGTAGA  
TCGCAGCACCCGCTTGAAACGCGAGCGCACGCGTCCGGCACAAACAGGGCAACGA  
AAGCCTTGCAGGCCAGCGCCACTTGTAAAGCGCGCGATAGCACTGGCTCGGTGCCG  
TAGGACGCGAAGAACTCAGGCATCGACAATCCGCTTGGACTGCACGGCATTGAT  
ACTCATCACGCCACCTCGTGGCTCAGGTGACAGCAGCATCCACCCAGCGCGGCCG  
AGATCCTGCGACAGGGCGTGTGGTCAGGGCTAATCAGG

>CONTIG\_321\_length\_1052\_cov\_114.576216

CGTCGACCGCTTCGCCTGGTACCGCGCGGTGTTTGCAGGCCATGTGTGGGTG  
CTGCTCTGTGGGTGCGTAACGCCCTACGTTACAGCAAACGCCACGTCGTAAAGC  
CTAGGCCTTGTGGTCAATATCGATGCCGTTGACTCGGCAGTAGAGCTCGTCC  
AAATAATCAAACCTGAGGGGTGTCCTCCATACGAAAGCATAAATTAGATTGACG  
CAGCGTGTAAACCACGCCCTAACGGGCACCATCTCCAACATCCGCAGCAACTCGG  
CGTGGTCTGCTGCGACCGACTTGCAGAGCGACTTGTACAGCGGAATCTTGA  
CGTTCATAGCGCGCGGTTCTGCACGTAGTTCTTATATCTGAGACTATTAACAGC  
CCTTTGGGTAGATATTACGTCAAGTACGTGGCGACCCCTAAAGCCGCTCGGCAC  
ACTCTATCGCGGCCAATGCAGTCTTCTCGTGGCCACTGAGTCACCTCATCGT

CTGTAGCTGCATCGCGCAGCAAACATAGAAAGCGGCTAATGTATTATTGGCGCAT  
TCATGGCTGGGCTCGTGGTGGTTATTGACGGTGCATCTGGCGAGTGCGCAC  
GTCGAGTTGCTTATCGGCTCGTGGTATCTGTTCTGGCGAATGCGCCAGGCAG  
CCATACGGCCAAGGGTGGACTTCTTGGCTGTGGCAGTCATCGTTAGGGCC  
TGTACGAATTCAACCCACGCCAAGGTGCCAAGTGCAAGGGTGGAAAATCGGCGC  
GCTTCCATGAACTAACCCGGCAGACCTATATTGCCAATGCCGTCCGGCACACGAA  
GATATCACTGGGGTGCAGTCGACTACGGCTCACCTTGCAATGCTGTCCAGG  
CAGTCCGCAGTCGCTGCCGCTTGTCTCGATCTACGATGCCACTGCGACGAC  
ACGTAGGCCAGCCCAGGCCATCCAGTCGTCGACGGGCCACCGTCGATCGGT  
CGGCGGATCGCTGCTATCGATGCCG

>CONTIG\_322\_length\_1028\_cov\_30.841287

AAATAAGCTTAATCCATGGATGTCGCAGGAAAAATTCTTAATTGACCTCGCCAA  
CTGGTCGAGTGGCAACCGTAGATCAAAACTGCGATCCACACAAAAACAAAGGCT  
GTTGCTACGAAACCCAGGGAAACGAGCGAAACATTCCAAGCCCTGCAGCACGAT  
GGCATAGTAGCCCGAACAACCTCCAGTCGGCCATTGGGAAATAGGTCGGCTT  
GAACGCCAGGCTTGAGATAGCTGGTGAAGCGACATGCCACAGCCGTGAAGC  
ACGATCCCAGCCAGCGTTGTCATCGCAGCGAGGCTGCCAACGAAACGGGTGATGGA  
CCACGACCGTCTGGAGGACGCAGTGTCTCGTCTGGTGAAGGTTGAAACGCTT  
CGATCGGACAATTCTGGTATGGCGCATAGGTTGTAATTATCGATTGCGAGACAGT  
AAGTTCTGATAGGTGGCTGATCAAGAAGTTGACGAATTGTACAGATGTAGCAA  
TCCTTGCTAGTCTGTCCGCCCTAAATAAGGAGGCGAAAGTGAACAAACAAATACCT  
GGACTTGCAAGCTATTCTGATCCGCATAAGATCATTACACCCATAGATTAGCAATG  
CGATTCCAGAGGTGTTAGAAAACCTCGATTAACCGTTATCGTCAGATGTGCATCTT  
TTCAGAGATTGGTCAATAAGTCTATAAGTAGTGATGAGCTGCTTAAGAAAATTAGG  
TCCGGCGGGTATGGCGCTAACACAGAGGATGACATTATTAAAAATTTAGAAGATG  
CGTGTGCCGATTGTAGATACTGAGATGCCAAGAACGCTAAAGTGCCTACCGATA  
CGCTTATCTCAAACACTACGGGGATTATTCAAGGGCATCGATATTGTAAGAGGCCAGT  
TTAATGGCTTCACTCCGTTGGAGGAAGCCCGCTGGCAGCGTTGGTAGGTGAATATG  
ACACTCGCGGCCAATCTGGATATGCTTACTGGAATGTTCTCGATTGGTTAATG  
GGTATTTCG

>CONTIG\_323\_length\_1026\_cov\_10.144605

CCTCTATGTGATTGGCGACAGGAATGACTGGAAACATCGGCCATTGTTCTGTGATGT  
GATGGATCTGCTACCGATTCAAGGACATTGGCGCACGAGTAACGGGCTTCACAGC  
AGCATAGAGGGATGGACTTTGCTTACTGTGAGTAATTGCATGGACTTGACCACC  
TATTGCAATTGACTTGACCACTCGTTGCATGGATTGACCACTCCGCTGGCCGAC  
CCTGACCGGCAGAAATCGGCCAGAACGCGTCATTGTTCTGCAACCAGTGCCTCAC  
TCAGACACCAAGACGAAGGCAGCTAACCATGCTTACAGGTATGAGCGAGCAGA  
ATTGATGGCTGGTAGGAACGCTCCTCGTATGATCAAGCGTCCAGGTAAACGGAG

GTACTTTAATGAAATCATTGAGACGACACCGCGACCTCCTACCCGTTGGGTGC  
TGGCCACAGCAGTGGTCAAAGATGATGCCGTATGGCATATGTTGAGTTACAGCTG  
AAGCCGGACGGAAATGTTGATTGGTATCTCGTCGCGACGATGTCGCCATGGCGGC  
TATGGCCCGATTACCTATCAAGATTACGATGCTGCCGTAACGGAGGCCAAATCCACA  
AATCTCCTGCTAAAAATGCTGAAACAATCTTGCCTACCGCTTGAACAGTCCGAG  
TCGATACGTTGAAAGTGCACAAAGCGCTTACAGCTGAAGAACGGTTGATGAGCGA  
GGAAAGGCTCATGTTGATGGAGGCTATCAAGCGACATGAAGCGGACCCTAACCTC  
GACTGGAAGACCTGACTGTCTTAAATGGTAACGACGTACAGCAGAACACTCCAT  
AGGCGCCTACTGCAATATCCCTATGTGCAGCTAGTTTCTGGCGCGCGACGTCCA  
CCCAATTGAGTAGCGCCTCAGTTGGAGTCCAATTCCCTACCCCGAGGAGATTGG  
ACGTGAAGAACGTTTACTGACGAGCAGGTACCGCTTCTGCGCGAACGCCGAA  
AGCGG

>CONTIG\_324\_length\_1014\_cov\_9.708005

GGCCCGCAGGGACGATAGCCAGCTTGTGCGGCCTGCTCGCGGGCAGGACGCAGAAC  
GTTGCCACCATCGAAGAAATCAACGAGGCGGCGCAAGGCTGGCAGGTAAGC  
AATGAAGGTCGCACTGACGATACCAACGTCCTGTGCGTGCAGGTTGCGTACGATCC  
CGCACAAAGCGGACGTTGCCGCCAGTCTGACCGACGCCGAGTTGATCGCGGTG  
CGTTGCCGTGCCTATCGAATTGTTGGGTGCTGCTGCGTGTCTACGGCTTCCAGCA  
AGCCGACGCCAGCGCGATCCGGCACTACTGGCCGCCGGAATGTGGAAGTGA  
ACCGGCCTGCCGTGGAGGCTGGCTGCTGGTGCACGCCGGAGACTTGCC  
GATGGCGTCATTGCCTACGAAGGCAACTGGCTGGCGGGAAACCTCGTTCCCTC  
GATAAGAAGGCGGTGGCACTTCTCACGGCGCAAGGGCAATCACGCGTCTTG  
ACGGACATGAGCATGAACGAATTCCGTGACTGGCCGCAAGATCGACCAACACAT  
GCAGCAGCTGCCGCCAGGGTGTCAACGAGACCCATGCCATCGTAATCGCATGA  
TGGGGTACGGGCCTGACCTGCACAGGATTGGGTGGCACATCCGATCAGCAGCTC  
ATGGCGCTGTCCCGAGTTCCAGAGTTCTACCGCTACGCCGCATATGGAAGAG  
GCATCCGAAGCCGAGCGCCGCAAGGCTCGCGGCCATGACGGCATGGCGAGTT  
CTCCGAACAGCACAAGCAAATGGCGCGCAACTGCTGACCACGGCGGCCAGCTG  
ACGCGTGGCTACCAGGCCTCGAGCGGAATCTCCAAGTCTCCGGCCTCAGC  
TCGACGAGCTGGCCGCCTGCATGGCAATGGCTGTCCGACCTGGACGCCCTAAA  
GACTCGCTGCGCACGCAGGGCGCAGAACCCAAAGGTGCTGGAATACGTGAACGAGGC  
T

>CONTIG\_325\_length\_1004\_cov\_6.367161

GCACGATGTCGGCCACTTGAGTTGGCGATCTCATTGATCCGAGCGCCGTAAAAA  
GGGCAATGAGCGGGCACCAACGGTGCAGGATACTTCTGGCCCAAGGCAGGAAG  
GTCTCGGGGTGAAGATCTCTGGATTCTCTGATGAAAGCAGCCGTTCTGGCTCG  
TCTTGGTCAATGAGAAGATCATCTTGGGGCTCGAAAGCATCCATCGGTGAATGC  
GGAATTGCTCTGGCCTGGCCAGCTGTTGAAGAATGAGTTCAAGAACGGCGATGC

AATTCAAGCGTAGCGTTGGCTGGTTGTCTGCCAGAGCCTGCCCTTGGCGATC  
AGCCCTTGACGTCGAGCTTGATAGGCTGGATTGGACATGAAGTCCTCAGGGGCC  
CAGCGAACAGATCCCACATCTCATAGATATGTGTGATTGATGCGCGACGGA  
GATGTTGCCGGTCACGCGATGCAGGACTGCAAGTGTGACGATAGGCGTCAATGG  
TCGTGCCTGACATCTTGGCGATCCTTGTGATTGAGGAAGTCTTCTATCTCCTTGA  
AAGGAGCCTGGCCGGTGTGCCGGAGGCAAAGGTTCTGGATAGCGCGTCCCCGAGC  
GACGAAGTCGGCGCTTGCCTGATCGTAAGTGTGCTGAACGAGATCCTGAA  
AGTAAACAGCGCCAGCTGGCTCGTATGCGAATATTCTAAAAGCGGATTTCCGC  
TACGGACTTCTCGATGAAGAGGTCACCGATGGGTGTTGCAGATAGTGTGTAATT  
GAGGAATTGCAAAGGCATCTACTTATCCGTGTGGAGGTAGATTGTGATAAGGC  
AGTAACAATTTCGTCAATACGAAAAAGAGACAGAATTTCATTGGAAGATTGCC  
TGAGTCGGGTCTTTGCCGTGATAATTGTAAATATAAGTAAATCTGTTCGTCT  
TTTTATAAAAATAATGTAGGCGGCACGGGGATTTG

>CONTIG\_326\_length\_992\_cov\_10.324855

TCCCTAGGAAACCCCTGGCGTATCATTGTTGATTAATCCTGCCATTTTCAATTG  
TTCCTCGTAAGAATATGCGTATTCAAAGGTTAGGTTAGCTGAGTGAATTACT  
TTGAATATTGAATCATCAGGTGCGTAAAGCATTAAAGACTCCTATTAAATTGCTTGA  
AGGTGTGTTATGTTTACTGTTTAAGCGTGGTATTAATGGTTGCTCAAATAGC  
GTAATGCAAGTGTCAATGTTGGACGTGACTTCCCCACGGTCCAAGCCATGCACCA  
TGGCTATCCGGCACGATTGCTGCACGATAAACCAAAGCGGGCATAAAACGGGTGC  
GTGTGTCGGCTGGTATCCAGCAGCAGCTCGCTCAATGTCCGGCGTAAGACGTATCGCT  
TCAAGGCGAGCCATGAGCAGCTGTGTTACCAAGCCCTGGCGCTGTAGCAGCGGATG  
CACCATGCCCAAGCCGAGGCTTCTGTCGTGCCACCCGTGCTGATGGAGTAGCCCGC  
ACAGGCCACCAGCTGCCCGCACGCTCAATGACGTGATAGTGCCAGGCGGCAGCGT  
GGTGCCTAGAAAGCGCACGAATTCTGGTCTTCCTCAGCGCATAAAAGACGCCGGCA  
CATTGCCATCGAAGACGCCATGCACGCGTCAAAGTCGCGAGAGCGGTAGGTTCGA  
ATCGTATCCAGCCGGTCAGTTGCCTCAGACACGTAAGCGCACTGCAAAGCTAATG  
CGCAAGCGCAAGCCTGGCCATGCGCACGGTGCTTGTCCCATAAGACCCAGTGACC  
GATAACCCCTGCAGCTGCTCTTACTCAGGTAGGTATCTGCCAGCTAGCTGGGTCT  
CAGCGTTTCATCTCCACCAGCGCTGGCCTCTGAAAGGGACCTAGCTCGCTGTC  
CCGACCGCAAGGACAGGCCTCTCGACGCTGACGCTTGTGCGGCCCTCGCT  
GTGCGCCGCTGCGCGGTGCTCGC

>CONTIG\_327\_length\_987\_cov\_16.565116

ACTTTCATCTCCGATCCGCATGAGTGAAAGCGAGGCCACCGGATTGTTCAAGCAGG  
GCAGGGATGCCAGGGACGATCTGGTGGCTTCACCGTCAAGCGGGTCTGGTTGGAG  
AACGGAGGCCCGCGTGCCGAGGTGGACGTCGAACCGTCCAGGTGGTTACCGAAA  
CGAGGTATCGCGTGGATCTGACCAAACAGAAGAAGGGAGAGTCGTGATGCGGAC  
CATTCAACGTGTATGGATTCCGGCTGCTTGGCGTTGGCTTGTGCGCTGTGGT

TCAGAGCATGCGCCTAGCAAGGAGGACGCTGTCAAAGCAGTAGAGCGATTCTTAC  
TGAGCAGGGAGGCAGGAACGCTTCAGCGGACTTGGCGGTCGAAGTCAAGGAAG  
CGAGCGGGCTGGAGATCGTCTGCACAAAAGTCCCACGGTATCAGGACTGCCGG  
GTCTCCGGGACCGTCGATGCACTGGCTTCATTGGCGATCAGCCCACGACGCCGAA  
GGCCAAGGAAATGCGCTAAAGATGACGATGAAGTTCCGGCGTGGCGAAGGTT  
GGGAATTGGTCATGTGACCGATGACGGAACATCTGCGGGCTAACCTCTACCAACT  
AGTTGCCATGCGGTTGCCGTGACGCCGTTGGTCTGCTCTTAATAGAGGAAAAGAA  
ATGAACCACCAAGCGAAGTACCAAGCGGTTATGCGCCGACCGGGCCGGCTGCCAT  
GATCCTGCCCTCGTTATTCTCGGGCCTTGGCATGCTGTTGGAGCAGGCCCT  
GACGCTGCTTCAAGACCCAGCAGCTGATGGGCTTGGTACTGTGTAGGTGGCTG  
CTGATGCCGGCTCCTGGCGTTCTGCTGATGTTGCACATCCGCGCCCAGCAGGTC  
TGGGCTTGGCATGTCAGGACCGGCCGATTCCCTATTCGCAAAGGCGGATTCTG  
AAGGGGGCGCTCGTGGCGGGGG

>CONTIG\_328\_length\_987\_cov\_14.430233

CGCGTTGCAGGATCATAAAACTGGCGGAGAGAGGGGAGGTACTGATCCGATCCA  
ACTTCCTGACTCTCCTACAGCCACGCAAACCAAGGAGGGTGCCTGCTTGTGGTCTG  
CCATTGTAGCGGGTCTGGCATGCTCGCCGCTAGCCTTGGGCCACCCATGCCAA  
CCTGAGCAGGCAGCTCGCTGCCGGCCATGCCGAGACGTTGGCGAGGATTACG  
AACATGAAAGGCGCGTCCCCCACGTCCGAATGCGAAAGCCATCCACGAGAAGAA  
GCAGGTCGAGCGCAACGCCACGCCAACAGATGAAGAGAAACCGCGCGACCAC  
TCGCTGCAGATGCTGACCGAATTGGGAGTGCCTGGGTGACGTATGCCCGGCC  
TCGTGCCGCCAGGACACCCCTGACCAACTAACGCCCGCGCGACGGAAATGAC  
GCAGGCGACGGCGACGGGAAGTGCCTACGACAGGCAATCGCTACGCCGAAGGC  
GATTGCCCGCTATGCCGGATGCCGGATACCGCGCTCGCATATGCGCGCAGATTAG  
GGTAGGCGGGCGGACCCCTGCCTACCGGGAGCGCACCCGGAGCTTCATGCCGACGA  
ACGCACCTACCGCTGGCAGCACATCGAGTCCGTGGATCGTCTCTCCGGACAAA  
GCTCGAAATGCGCGAAGAACACGGCTGCGGGCGATTGCTGGATGCCCTCGTGG  
CCGGCGATTGAGACCTCCGGTGGCTGGCGCTCGCGCTCGGTACTGCTCGCGA  
GGGGCCGAGATGGATATTCTCTTAGCTAAAGCCCAGCCCAATGCGAGCGATAAA  
TTGTCCTGATTAGCCCCGACTCTCAGCCATGAAAATTGCTCGCTGCACGTAAAACG  
GCTCTGGGCATGGTGTGGATTGCATCATGCCGTGGCAAGTCGTGGCAGCATCTCGC  
GCAAGCGGAATCGACGATTAAACGATAAGG

>CONTIG\_329\_length\_984\_cov\_10.815636

GAGGTCTGTGTTAAAGAAGCCGATGTACTTCAGGTGAATTAAATTATTTAGGT  
CATGCATCTATGAGGCTTCTGTTCTTTGGTTTCCAATTATATCTTCCCTATAAC  
TGCTTGTGCTCAAGGCTGCCGCCAGGGCAGTATCAAATTGGTGGCAGGGAGCTAT  
CGCATGCGCTCCGATTCCCCAAGGAAACTCAGAACCGGGCACCTGCACCTCGCC  
GCTAGGAAAATGGATCAAAACCTGGGAGCTAGCAATGGGTCTGCGACTCTA

TTTTAGCTACGGCGTAACTACTGGCAAACCTCTGAAATCTGAGGCTGAAAAGGACG  
CACTCAATCGTGCCTCCCATGGCAAAAAAACTGCAAGATCGGCTTGCTTATA  
ATAATCAATGTGCTGCTATAGCCGAGCCAAAGTTAACGGGAAGCCATTTCACACTG  
GCTTATCAAATTTGTGGGTGCTGGGACAACGTGTAAGCAAGTAATGTCGCTTAG  
AAAGGTGCAGAGCTGACAATAGACCTACGCCGGAGTAGAGTGCAAGATTATTAT  
GAAGCATGCTCGGAGCCTATTCGAAGCTTATTGATCACTCCAGTAGGCACCTCA  
ATAGGCCAGACTCGACATCCGGTTGACATTGATCAAGCCGTGGCTCGGAGATAGAC  
GTGAACGCTACTGGCTCACACTCAAACAAACCAATGAGGGGTACACCTCAGTCAT  
CAAGCGAAGTGGATGCGTCTGAATGGATCGCGGTTATGAGTTCCCTCCGGAGCG  
TCAGGTATGGGTGTTGGCGGAAGCTCCCCGAATACACCCCTGCCAACGCTCAAGCA  
GGTAGCCGTGGAGCCGTCGCGATTGCGAGGTCCGGTTACTTCGCACGTCCAGATGT  
TCAGGCCATTGGCTTGCTTACGGTAGATGCAATTCTCAAATCTTTGCGCCA  
CTGCCAATCTGCCAT

>CONTIG\_330\_length\_973\_cov\_5.959811

TTGTTAGGCGCCGCCGGTATCTAGTTGCCGGACTCAGCGGCCCTTACGAATTG  
CCTCGGCATATTGCTCATCACAAATATACCGCTGACCCGGCCAGCCATCTCTCGC  
AGACCTGTCGAACCTCCCTGGCCCTGCTCTCGTACTCCGGATGCTCAATCCGAACA  
GGAGAAGTGCAAGGAATAGTGCACACAGGGACTCCAATGACCCACGGCCATATCTT  
GGCCGAGGAACTACTGCCCGCACTTGGCAAGCTTAGCCGTCGTGCTGATTCA  
GTCCCGCATTCCCTACAAGCGATCATTGCCATCTGCGACTCCCTTACGCCACAAC  
AAGGCGCCTAACGCCTGAATTAGCCGACCCCGGAAGCAGGGTTCGGCTTGAATGAA  
TTGTTAGATTGCGGCTGCGGAACGCTGCAGGGAAAGCATCTCGCAACGCCGCTGC  
AATTAGCAACTCCCGCTCATGCCACTGCGCAGGACGTTCTCAACGTATTGCG  
AACAAATGGCGCCGAGTTGCGCTGAAGAAAGAGCCTGGTCACCGAAGCAATGAATAC  
TCGCAATGTTGGTCACTTGCAGTGCATGAGAATAATTGGCGATGCCAGACACATAAAC  
CCTGTGCCAGGCCAGCAAAGTACGAGTATTTCCTCTACAGACGACTCGGCCT  
TGCAGGCCATCAAGTAACCTCTCCAGTCATAGCGCTCGCATTGAGGTGAGTA  
AGAGTAAGAGCGCTGCTGGGGCTAATAACTTGCACATGGTTCTCCGCGATCT  
AACTACTATTGGACCGCCGAAACGCGGTGTTGGCGAGTATCTCGATCGCAGCG  
CTTGTGAATGGGTAACTCTTACCCAGTCAGGATCGCACGTTAGTAAGCGGG  
CGCGACCATGCGGATGCTTGCCTATCCAGCAAGGACGAGGAGTATGAAATA  
CACCTACAA

>CONTIG\_331\_length\_968\_cov\_2.378121

CAGGCCATTACCCCGCGCGACAACCCCTGCGTCCGGCCATGTGAGCTACTCACAG  
CGAGAAAAGCGAGCCCGAAGAAGCTGGGCTTCAAGGCATACGACCGTGCACAGAT  
CCAGGCCTGTTCGCGCTGATGCGCTGCTCAAGTTGTCCGAGGCCGCTCGCTGGGC  
GTCGCTCATTGGACTCTACCGCGCCAGAGCGTCGGAGGTGGTCAACTGCTTAT  
CAAAGACGTGTTGAGGAGGACGGTATCCCTGCATTGCATCTCAGACGAAGGCG

AGCACCAAAAAGTCAAAACCGAGGTAGCCTCGCACGGTCCCGCTCCATCCAGAG  
CTACTCAAGATGGGTTCTGGAAATGGGTCGATGGCAAGCGCGAGCTGGTGAAGT  
CAGGTATTCCCTGGAGCTAAAGCAACGGCGTAAACGGGCAGGGCAACTGGATCA  
CTAAGGCCTCAGTCGACACCTGGCGAGGTTGGAAAGGGCTGGCGCCGGCCAAG  
CGCGGTTCCACTCGCTCGTAAGACTTCATTCAAGAGTTACAGGGGGCGGGGTG  
GTGTCAGAACTCCCGCGCAGATCGTGGCATGAGCTCGATGACGAGCATCTCG  
ACCTATACTCGTGGTACAGCGGTGGAGAAGCTAGGGGACTCGGTGCGCATTCA  
CCAGGCATAACGTCCCTGTTGGGCCTCGATGACATCGCCTGCGTGGAAAGATGG  
CCAAGCACC GGCAACGGTGAGAGTCTCCTGTCGCTGTCGAGGGTAAACATC  
TGGCGGTGAATCCGTTGGCGGGCATCCGGCGATTCCACGCCCTGATT CGGAAGACA  
CCGGCTCGCCTTCACGGATGCCGAGCTGAAGGCCATTTGACCCAGTGGAGTTCC  
CGAGATGGCGGGCAAATACCCGCATCGGTGGTCCGGCGATCCTCGGTCTACT  
CAGGCG

>CONTIG\_332\_length\_965\_cov\_17.631265

AGATCGGCTCTGGATCTGCTCTCGGGCTTGGTACTTGGCATACCACGTCAAGA  
GTTCTACCTTAGCAATCGAGCGTGGCGTCTTGCTGATCAGAAACGGATTGCCGT  
GCTCACGCTGAATTGGCTGAATTGGCGTCTCGGTGAGCGATCAAGTCGTTGCCTCAGGCCAT  
TGGCTGCGTGAAGCGCGTCGTGCTCGCTGAGCGATCAAGTCGTTGCCTCAGGCCAT  
CGAAATCACGGCTGGCGATGATGGCCTGCGCTCATCACTCGTCGCGATGACTTCAA  
GTGCTGACGGAAAAATCCGTCTCGAAACTTCCGCCTGCTGATATTGGTCATCC  
AAACCGTCCTCGTTCAAGTCTCACTGCAAGCAACTTGACCCGAAGCTTGCCACT  
CACCAGCCTGACGACCCGTGGCGATGGTATGGGGCCGAACAAAGCCTAACCTG  
TTCGTGGAGGAAGCACAGCGAAAAGCCATCCGCCGTGCTAGCGACCCAGTGCACG  
GCGTCTGGCTACCTGTGGTAATCGCGAGTTGCATGTGAGCTAACACGACCGCG  
TTGCTTGTTGACCACAAGCTCAACCAGTTCAAGTGGAAAGCCCCTCGCAATCGA  
TGAAGCGCGTGTGCGCCTGCGTGGACAAAAGAATTGAGCGCCACCCAGGAATATT  
CTTAAATTCCAAAACCGCGCGAACGGCTGGCTGCTTCACCGCTTCAAGAGC  
GATTAGCATCTTGAATAGCATTGGCAAACGAGCAGCTAGTGATTCACTTGTGGTGC  
CAGCTCTCTGTAAAGCAGGCCACCTCGGTATCGCTGCGCAGTAAAGGACCCACAC  
GGCGCGCACCAGCGCTCGAACACTGCGCTCGATGAACGACCAAGGGTGGACGGCTCAG  
AACCGACTACGAGTAAGCAGCGACTCGAACACAGCGTCAATCGAAAGCAGGCAA  
A

>CONTIG\_333\_length\_957\_cov\_20.616867

CGGCACGCGCTCCAGTGCCTAGGAACACTGCACCTGGGTGCGTGTGCGGATAGTGG  
TGTTCTTCAGCTGCTCAAGGCAGCAGCGGCCAGCTGGTCGTCAAGGAACGTGCC  
CGATGACTTGGCTATGGCGGTTGAGCGAGCCTGCGCCTAACGTCCAGACGCACGA  
ACGAGTTTGTCACGGCAATGGCTGGATCACCATCGAGCCGCCAAGAGGTCTG  
CGGGCACACGGAACGTGCCGTAGGCAGCTGGTACATGTCCTCGGCCAGC

GCCTCCATGCGATTGACGTGCGCATCGATGTAGGACTCCGGCGTTGCATTCGCAGGC  
AAGCGCTTCGGGTCCCACGCCTCACCTCGGCCAGATGCGCGTCCGGGAGATAAAC  
GCCGCTCTCAAGCGCCTAGCACGTTCTGTCCGCCAGCTGGCGCTGGCGCGT  
GTAGGTGCCAGCTCCACGGTGTGCCAGCTGGCGCTCAGGCATGTGCGCTC  
TGAGTGCATGCTAAAGCGTCGCGTAATGCACCTGGCCGTGAATCCGCCAACATGA  
CGTACTCGGTGCCTGACAGTTGTCTGCCAATCCCGATCAAGGATGACACCCCTGCA  
CAGGTGCAGCTTCAGACTGTCCTGTCCGCCAGCAGTCCACGCCGGCTACGTTGG  
CGTCAATGTGCGGCTTAAGCTCTGTTGCTAGCCTGCGCTTGCCTGCCATCGCACGCA  
TCGCCTCCGGCGCGTTCGCATGGATCTTCCAGCGACCAGGGCATTGTTGGTGGCTA  
AGCCGTGGTCACCGCAGGATGCCAGCCAGCGCTGTAGTCGAATTGCCGCTGTGCATTGC  
GGAACGGATCTGCATGCACCTGCCGCATGGATTAGGCCGCTTCGCCGGCTTGCT  
GCTCCCGAAGCATGGACGCATCCAGACCCGTCCAGCGCTTGCCTGA

>CONTIG\_334\_length\_956\_cov\_0.262967

GTCTGCCACCGCTTCGCTCCACGCTCTACCGAACCGGCCACTCCGGTGTGCGCT  
GACCACGCAGGTGGCGGCCAGGCAGAACCTGCCAGCCGCCGTTGGCGTTGC  
TGGTAGCTGCACCGCGCATCGAAACCGGTAGAAAGCAGAGCATAGAAAAGAG  
GAGGGTAGAAAGGAAGAGTTAGAAGAAGGAAAGGGGAAGGAAGGGAGCGCGGA  
CACCCGCCCATCCGCCGGCGACTGGCGTGGCCCGCTGCCGGCGCTGC  
AGGACCGCCGCGTCGAGATCACCGCCCCACCGATCCGAAGATGGTCATCAACCG  
CTGACTCCGGCGCCCCGGTGTCCCTTCCCTCTCCTCTCCCCCTCTCCTCTCCT  
TCTCTCTCCCTTTCTCCCTTTCTCTCTCTCTCTCTCTCTCTCTCTCTCT  
TCTCCCTCTCCCTCCCTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT  
CTTCTTTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT  
CCTCTCTTCT  
CTTTTTCTTCT  
TCCTCCCCCCCCCTCTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT  
TTCTCTCTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT  
CTTCT  
TCT

>CONTIG\_335\_length\_953\_cov\_15.951574

GGCGGCTCAACTCCGATTGCAACACCAACGGTTGTGAAGTGGCCCAGGCGACCT  
GACTTGAGCGACTTCACCGCCAAGTGGAGTTGCCATGTCATCCAGCCGCCTGGACC  
AGGCCGAACGATACCGTTGCATGCGTTATATGAAACCGGGATGCGATGCGGGCC  
ATCGCCGATGCGTTGGAGCGCGCCAGCACGATCACGCCGAACGCGTCA  
CCAGCACGCTCGGCAGTATCTGCCAGATCACGCACAGCGCATCAGCGAGCAGCG  
GCACGCAGGCCAGTCAGCGTCCACGCATCGACGCTGAGCGGATCTGCCAGATCGAG  
GTCCTGCTGAGGGAGGATCTCAGTCCGGAACAGATTGCCGTCGACTGGCCTGCC

AGTCACGAATGGATCTATCGGCACATCTACGCCGACCAGACGCGCGGTGGTCAGTT  
GTTCACGCATCTACGCAAGCGCCGCCGAAACGCCGTGGCGGGCGTGCAGCGATG  
GCCCGGGCAGCTGACGCATCGCGCAGCTGGACACAGCGCCAAGCGTGGTGGAG  
CAGCGAAGCCGCATCGCGACTGGAGCTGGATACCCCTCCGGGCTCACACGGAAA  
GGCCGTAGTGGTCAGCATGACCGAACGCCGCAGTCGCCTGCATCTGCTGGCTACTC  
GCCTGACGGCACCGCCGAGAACGTGCGAACGCCATCGCCAGCGCTGGCGGCC  
TAGGCCACACGGTCACACCCTACCGCCGACAACGGCAAGGAATTGCCGATCAT  
CGGCTCATGCCGCCTGCTGCAGAGCGATTCTATTGCAGATCCGTACTGCGCAT  
GGCAGCGAGGCAGCAACGAAATGCCAACGGATTGACGCGCCAGTACTGCCACGA  
CACATCGATTCAGCACCACCGATGCGCACCTGCGATGGATCGAACAGC

>CONTIG\_336\_length\_952\_cov\_12.532121

ATGCGGACGAAGTGATCGAGCTGCCGAGCAGTACGGATACTCGTCAACGAGAAC  
ACGTTAGAGCCCGAACTATTGCAGGTGGACTGGCGGAGGACATGCAGGAGGTAAT  
CCGGGAGGAGCTCCCGCATTGAGGAGAGAAACTCTGAATGCATTGCAGCAGTGGG  
TGGACGATCCTGCTCAAATTGATGAAGACTGGCTGCTCAGATTAATCGAGAGGATCG  
GAAAGGGAGGTTGCCAGGCACCTGCGCCGTCGGTGTAGAGGACGTCTGTCCA  
GCTTACATTGTTCCGCTCTGGAGCATATCCGTATGCCATCGCGTAGTGTCAAGCAC  
AGCCTACTTGGCTCAAGCCGTCGAACCTGGCTGGGAATCCGGTCAGTGGCGGCTTA  
CAACTCTCAGGGACATTGTGTGGTCTGCCGGTCTGGAAGCGGCAAGACGAAGA  
CGCTCGTGTGAAACTGCCCGCATCTGGCGGAAGACGTCGAGTCCCCTCGTGGCG  
CAGCATGCATACGTATGCCAAGAACGACCCAACTCTTCATTGGTACCGTCCATGGTTCTGTT  
TGCGCCATCTGTTGATACCGTATGGACGCTGGCCGGTTGCCATACCGTTCCCTCT  
TTCGGTGGCCACCCAACGAGTCAGCGATCGGTTGTTGAAGCAAACGGAGACGCAC  
TTTTGGCCAGAACCAACCGTACAAGGTCAATTGACCTCGGGCGGCATGCCGCTCCG  
TGCTCAATCGAAATAGCGTCGCGTGGCGTAGTGAGGAGGAACCGTCTGGCC  
GAGGCTTACGAGGCCGGTCTCGCGACGAGGGCCTAATTGACTACGATGACATGGT  
GGTCTCGGTAGCGCTTGATGCCGATAACGACTGGTACTACCTC

>CONTIG\_337\_length\_948\_cov\_12.316687

CGGTTCTGGCAGGGTCAACGGTAGGGCCATCGGTGCCTGCAGTAGCTATCGGTG  
AGCAGGTTCGCAGCAAGGATGAGCTGGAAAGACTGTCCTCCGGCGTGCAGCTGGTC  
AAAGTTCAAACCACTGAGCGCTTGGCACGCTTCAATGTGTTCACGGGTATTGTGTGG  
GGTGCAGTGTGTTGGCCAGTGCTCGCGTCTTCTCCGACAGTGCCGCTGAGG  
TGGTTGAGTCGAGCATCTTCCCTCATTGCAGCTCTGTGCTCTCGCCGTTCTTCTC  
ACTGCCGAGTGGCTATGCCACTGCCGTGCGAGTGGTCTATCAGACACTAGATTT  
GCGCTGATTGAGGGTGGGGTGTGCACTTGCAAGCGCGAAAACGCCAGTCAAGGTT  
GCTGATTGCACAGCTGCACAATGGTCGCGGGAGAGTAGATGGCCGGAACCAGG  
TTCTCACCTGTGAGACGTCCGAGCGGGAAAGATGGATAGATGCTTACAATGAGCC

GTCAATGGATCATTGGAAAAGGGGGGGCGATGGATGCGTTGAAGAGTGCCGTGAT  
ACACAGTTGGAGAAGGAAGCTCATGAGACAACCACCAATATCAGGCATGGCAAGG  
GGCTATTGGATCCCGCCAACGAGATGGCCTGCCCTGCCAGCAAGCTAGCCGAA  
CTGGTTGGCAAGGGAGGGAATGGGGTTCTATGGGGTCAATTGCCGCCAATCG  
CGAAGGGAGTTCCCCGGGCCGTTGAGCCTGTATGCAGTCCGAGTTGGACAGCG  
AGTCGTTCTGCCCTGTACACAAAGCCATGAAGGAGTTAACGAAACAGGCTGAG  
AAGAAGACCGGTGCAACTGGCGGCCACATCTTCTCGGTCAATTTCAGCAATGGT  
GCAGACTCCTCTCGTGGCAATGATGAAGAAGAAGGGCGCGA

>CONTIG\_338\_length\_947\_cov\_29.489024

CGGTTCTGGCAGGGTCAACGGTAGGGCCATCGGTGCGCTTGCAGTAGCTATCGGTG  
AGCAGGTTCGCAGCAAGGATGAGCTGGAAAGACTGTCCTCCGGCGTGCAGCTGGTC  
AAAGTTCAAACCACGGAGCGCTTGGCACGCTTAATGTGTCACGGGTATTGTGTGG  
GGTGCAGTGTGAGTCGAGCATCTTCCCCTCATTGAGCTCTGTGCTCTCTCCGTTCTTC  
ACTGCCAGTGGCTATGCCACTGCCGTGCGAGTGGTCTATCAGACACTAGATTT  
GCGCTGATTGAGGTGGGTGTGCACTGCAAGCGAAAACGCTAGCGAAGGGTTC  
GCTGATTGCACGGCTGCACAATGATCGCTGCGGAGAGTAGATGGCCGGAACCAAGG  
TTCTCACCTGTGAGACGTCCGAGCGGGAAAGATGGGATAGATGCTTACAATGAGCC  
GTCGATGGATCATTGAAAAGGGGGGGCGATGGATGCGTTGAAGAGTGCCGTGATA  
CACAGTTGGAGAAGGAAGCTCATGAGACAACCACCAATATCAGGCATGGCAAGGG  
GCTACTGGATCCCGCCAACGAGATGGCCTGCCAGCAAGCTAGCCGAAC  
GGTTGGCAAAGGAGGGAATGGGGCCTATGGGGTCAATTGCCGCCAATCGCG  
AAGGCAGTTCCCCGGGCCGTTGAGCCTGTATGCAGTCCGAGTTGGACAGCGAG  
TCGTTCTGCCCTGTACACAAAGCGATGAAGGAGTTAACGAAACAGGCTGAGAA  
GAAGACCGGTGCAACTGGCGGCCACATCTTCTCGGTCAATTTCAGCAATGGTGC  
AGACTCCTCTCGTGGCAATGATGAAGAAGAAGGGCGCGA

>CONTIG\_339\_length\_928\_cov\_71.188514

CCTACACCAATCCTGGCGATGTCGTATGGACAATTGCATGGCAGCGGAACGACC  
GGCGTAGCTCGATGAACACGGCGCGGGATTCATCGGGATCGAGCGCGACGCCAA  
GTACTTCGAGATTGCACAGCAGCGTATCCACACGGCGCTTGAAGATTGGCTGATGAC  
TGCFTAACATCTCCGTTACGATCCACTAGGCACCCACACGATGACCTCTAACGATGA  
CGGCCTTTCTAGACTTCGAGACGGCTAGCACCTGCGACTTGAAGCTGCACGGCCT  
TGGCCGCTATCTCGTCGACCCGACGACGCCACTGCTTACCTTGCCTGCC  
GAAGATGCGCAGTGCAGGATCTATGGGAGTTGGCCAGCCATCCCGGCCAGATAC  
TCGACCACATGCCGCCGGCCGTTCCGCGCGCACAATGCGGGCTCGACTACC  
ACATCTGGAACGGCCGCTGCAGCGCTACGTGCAGGGCTGCCGGAGCTGAAAGCC  
GCACAGGTGCAATGCTGGCAGCGCGCCGCTACACGGCCTGCCAGGCTCGCT  
AGCACGGGCTGCAGATGCGATGGCCTGCCGATCCGAAAGGATCTAGAGGGCGCCG

AGGCATGAAACAGATCATGACGCATCCGAATGGACGCCCTCGCACGCATCCGGAG  
TTGTCGCACGCACCTACAAGTACCGCCTACTAGACACCGACGTGATGATCGCGCTG  
TGGAACGCCACGCAGCGATGCCGAGCAAGAGCAACGCTCTGGCAGCTGACCT  
TGAGATCAACACCGCGGGCTTGGCTCGACGTGGAGGCCGACAGGGATGTCGG  
AGATGTCGATCTCGCGACAGCATCATCAACTTGAGTTGGAGATGGCTAGCGACG  
GACAGCTGCTGACCGCGCGAAGGT

>CONTIG\_340\_length\_928\_cov\_29.254682

GTTCGGTGTGCAAGCCCTCGGCAACAAGCGGGAGCGTGCTCGGGAGCAGCGTTGG  
GAACACTTCAAGGCCAGCGTGCAGCGAAGGTGGAGCATCCATTCCGGGTGATCAA  
GCGCCAGTTCGGTTACACCAAGGTCCGCTATCGCGGCCTGGCCAAGAACACCGCAC  
ACGTGCTGACCTGTTGCGCTGTCCAACCTGTGGATGAAGCGAAAGCAGTTACTGC  
CCGCGATGGGGAGCGTGCAGCGCTGTAACCCGGGATTCCCAGAAAGCGCCAGAA  
ATGGCGAAAAGCAGAAGATCCAACCGGGCTCTCCAGAACATGCCATATCCCGTA  
CTGTCAGGCTCCTTGTTCAGACCTCCCTAGGCAACCCCTTCCAGTCGGTCAA  
CTTGATAACAAGATCCTCAGCCCGAGGTGTGTATGCCGAAACATTGCATGGA  
TTTGTGACCACTGATCGCAGCAACCTCCTGGTCTGAAAGGCCTGCTCAACAAGTCG  
ACTGATTGCCTCATGCCGTAGATCATGAAAATGTAGATCCGCCATTCCGGAGTCGCG  
CTTGAGCTTCATCCAAGCTGGATTGAATTGTAAGAGCGACGTTACCGTCTCGCCC  
AGGCTGCCATAGAACAGCAGATCGGTGTCGATAGGACGTACAGGGTGGCCAACG  
CAGCTCGCAACACTCGCACAGCCTCTGGTCAAGGGACAGTCCGCAACTCCA  
TTCTTGTCTGCTGAAGACGGGCCACGCCGACCAAGTCAACCTGGCTCGCGC  
AGGCCACCAGTCGGAAGCGCGCATTCCGTTCCAAGGCTAACGTCAGTACGATCCA  
ACCGAGCATCGGATTGAGTGGCCATCTACTGCGCGAACGAGCGCTGCTCCTCGTG  
CGGAATCAAGCGCGATCTCGCC

>CONTIG\_341\_length\_925\_cov\_2.590226

CCCGGCTCCAGGGTGAAGCTGGCCCCGGCATCGGCTTGGTAGCCGTTGGCCACGCTG  
ATGCGCTGCAGGCACGCACCGACGGCAGCGCAGGCCTCGCGTGGCTAGCCAT  
GGTCGGCCACCCATTGGCTAATGGATTCGTCTCGCGCACCGCTCCGCCAGCACCA  
GTGTTCGCCGGTCAGCAGTACCGCCGCGCTTGGCAGGCTGCACCTCGCGCGTT  
GCAGCGTACCCAGCGTGAACCCGTGCTCACCGGTGCCAGGTCGCCACCGAACGTCG  
CGTACATCGCGGTCGATCTGCACGGTGCACGGCACTGTCTCGGTGGAACCGGGCGC  
CTGGTAGCGCGGCCATCGGCCAGGCCCGCTCGCAAAGGCAGTGAACCGGGCCG  
CATCGAATGCTTGCAGGAACCTCGCGCTGGTCATGCGCTCACCTCGCGATCGCGCT  
GCGCAGGGCCTGTCGAGCTCGCGGTTGAAGTAGAACGGCATCAGCTTGTCCCAGGT  
GCGCTGGCAAGGCCAGATGTCGTAGCGCTGGGTGAGCTGGCCGTGCGTGA  
ACACGAACACGCTGCGCACCGCGCCAAAGCCGTGCTGATGCGCTCATAGATG  
CCCGGTGCCAACTTGCCTGGCGCTGGCGCTGATCTGAAATAGCGGCCACCGCGCCGG  
ACAGTGCCTGCATGACCGCGTGGTGCCTGGCGGGTTGCCAGGTACTCGCG

CGGCTCGCTCGCTGGTCAGCCGCTTGCAGACTCCTGCTCACCCATTGATAGGCA  
TCACGCTCGCCCCAGCTGCGACAAGATGGTGGTATGGTGCTGCCGGGCACATT  
GCCGTAGGCATCCAGCTTGGCGCCGCCACGGCGAACGTGCCGGCCGGCA  
TCAGGCCCTCTGCTGCAGCA

>CONTIG\_342\_length\_920\_cov\_4.013871

GTGTTCGGCTTGTGGGCCCTCGCATCCTATTCCCTCTTGCACGGCTTCGCCGGCGGGA  
TTAGGATGGGGTATCACTTGTGCCCTTGGTCTGGTGTGTCCCGCCAGTCCAGTG  
ATGAAAAAAGCCGCCCTGCCGGGGCGGTTTTCGTTTCGGGGGGTCTACTGCGCT  
AGCAGCAGTCCGCCCTCGCGTTGTCATATCGCTGCCAAGTATCGCGCGCAGCCCTTA  
AACCGCAAGCAATCCCCGTGTGCACAACCATTGCACACCCGACCTGGCATGCATTAA  
GCCATAGCGCCATCACCTGCCGGCATGATTCAATTGGGCTATGGATCGACATGGAA  
CGCGTGGTCGGCCGGCGGAATGCGCCGGAAACAAACATCGGCTCGAACAGCCTGG  
CGCGCGTAATCGTGGGTAGCCGCAGCTGCTGCCACAGCCGGTAGCAGACCGGACCA  
GACACGCTAATAAAACTCGGTGGACGTGACAGACGACGCCGGCATGCCCGCAT  
GCAGTCGCTGCCAGCACGCCATGCGGGTTGGTATACTGTGTGCAGCCTGGCG  
GCTGCAAAACAGGACATCTCGCTCACGGCATCGTGGTCTGGTCCAGGCTGTA  
GTTCACCTCGTGGGTGAGAGCATTCCCCCTGACCGCCAACCGCTGACGACGCG  
GAACCTCTGACCGTTCCAGCTGCCATCGACAGCAGACCATTGATGGCCTGCGCCC  
GATCTTGCACACGCCACCTGGTAGCGCTAGCGGGATATGGCGGGCGACAA  
CCTCGATGCCGTTGCGCAGCAGCAGGCCAACGGCGCAATCGCAATATCGATCAGT  
TCGCACCGGGTGGGATGCCCTGCGCTCAAGCAGCCGGCGCAAGATGGATCAG  
CATGGGATTGCCT

>CONTIG\_343\_length\_908\_cov\_362.010243

TCGCGCTGGCCGGAAAAGTCATGCGTCTGCAATTGCTCCTTGGTCAGCTCTTGTAT  
CGGGTGAGCGCACGCTGATCGTCTCATCGGACAAAGAGCGACCCGCTCGTCGGT  
GATGTCGGCTGACAGCTCCCGAGCACTTGGCCCTTGTACCAAGGCATTGGCTT  
TAACGTGTTGACAGGATGAGGCCAGGCCACTGCGGATGTCCACTCGCCATG  
CGTCGAAATGATCTGGCCGACACGTGCTCCGCTTGGAGTAGGACGCGGTAGAA  
CAAACGTGCCAGCAAGAGGAAAAGCACACAGCCACAGCCAATCCAAATCCGGAT  
GGACGAGGGAAACGCATCTTGTAGGTCGCCAGTGTGGAAGTTGTCTCCGGCCCTT  
TCGCTTGCAAAGAGCGGTTGTTCTGCGTCATCCGTCTGACCTGACTCGCTATCCAT  
AGCACCTACACTCGAGATCTACTGCACACTTGCAGTGAGTTGAGGCTACCCGCGCAG  
ACATTAAAATTACATTGCATTTGTTGATCTGGCGTTGGCATTGGCGCCAAACCT  
AAGGTTGCAAGCCCCACGCTATTGCTTTTCAAGCAACCAAGGTTGCGTCAAGCGAA  
GGTGCCTGCGCAAAGCGCAGCCGACATTGCAGAGTCGGAACACGGCGGATAGCG  
CACAAAACGCATCAACATCAACTAGAGCACGTGCTGCCAATCGTTATCAGCC  
AATCCTAGGCTTCCACCACTCGCAGCCACCGCCCCATCACCGCTGGACGTGCTGAC

ATCGCCTGCTGTTGAGAGCGAGCGGCCATCGTCATCACGGGGCCTGTTGGATTCTTG  
TCGATCTCTCGCGCTCCCGCTGGAACACTGCACCATCTCCTGCGCCCCTGCTGATCCA

>CONTIG\_344\_length\_893\_cov\_19.861619

GCATCGCGCTCCTGAGCGAACGAAGTCGATCTGCGTGGCCAAGCTCAGGCAC  
GGGAGACGCCTGGCGTAAGCTGCACCTGCTCCGTGCGTGTGGATGTCTTCACT  
ACTGGTACCGCTGCTACGCCGATGACGCCGTCACTACCGCGTGCAGATGGCAA  
TGGGGCTGTCGAGCTGACGCCGCCCTGTGCATCGGGATCGAGCGTCAAAGAAGAG  
TTCGACGCATCCAGGCCGAGTTGCACCGCGTGTGATGGCCAAGTGGATGGCA  
GCAAGGGACTCAGCATTGGATTGAGGCCATAACCTGCATAGGTTGTCACCAGGCTC  
GATAGGTCTAGCTGATCCTGGGCGCTGCCACGCCGGGAGCGCTGCCATCGTT  
TGTCGTGTTCCAGATGTGGCTGCATGGCAACGCCGGTGCACAGTTCCGCA  
GCGATCGGCCGGTGCACCTGCCGTTATGGCGCACACACCGTCAGCAAATTGA  
TATTGCTGCTGTTGGATGCCTGCAAGTTGTCGGATTGAGCGCGCAGTGACGGCT  
GACGGCGATTGAATACCAAGCGATCGTGTCCCAGCCATCCAGGCCGGTGCACGCT  
ATATCGAGCGGCAAGGCCGCTGGCCCTGCACGATATTGCTTCCACAACCTCGGC  
CGCTTGCGCGTCCAGTTGCGCAGCAGCGCAGGCCGCAACTCGGCCTGAGTGG  
TGTTGCCGCCATTGGATCAATGTCGTAACGCCGGTGCCTGCCACTGACCAAGTAT  
CGCGTCACCGCGTCCAGTCGCTGGCAACAAAGCTTGGTAGATCAGTGCTGGCTT  
CCAAGTTGTATGGCTACGCCGGCATCCGGCTACCGC

>CONTIG\_345\_length\_887\_cov\_51.925000

CCGAAGGCGATCGTCCGAGCTGCAGGTACTGGTCGACCCCAATGCGTCCGATGCC  
GAGATTCTGCAGGCCGATTGACGCAGGCCAACGCGACCAAGCCTAACCGCTGGC  
GTTGAGCACCAAACAGAAACCCGCCCTTCGGCGGGTTCTTGTACGGCCTGCGCT  
TACCGTATTCATAGATAAGCAAGACGCCGCCGCCGCCGCCGCCGGGACGCC  
TATGCCGTTGCTAAGGTCAATGCGCCGCCGCCGCCGCCAGGTACAACCGCGTC  
GGCACCGGGGTCGAAGTGCTAACCGGAAACCGCCACCACCAAGATAGACG  
GGCCGCCCGCGCCGCTAACGCCCTGCGTTGCGGATAGCAGCAGTGAGTAGCTACCC  
ACCGCACCGCGCCGTTGACGAGTGACCCGTTATTGGCTAGCTGTGAGCCGCTACCC  
GCGGCCCAAAGGCCGGAAATGTACTGACCAGGGCCCCGCACCGCCGCCGGCGCC  
GCCAGGTGCGGAAATAGTACCGATCGCAGTCGTGCCACCAGGCCGCCACCGCCAC  
CAGAAACCCGTCGCCGCCAGACCAACCGTTACCGGTATGGACGAAAAGTTAACG  
GTCATCCGGCTGCGGAAGTAAGCACCTGCACCGCCACCGCCACCGCCACTGGCCTGT  
GCCGCCAGCCGCCGGCGTGCCTGCCGCCGCCGCCACACCCTTCCACC  
ACGATCGACTGCGTGCCTGCGAACGGTGTGTAGGTTCCGACGCATCGAAGCGCAG  
CACGTTCAACAGCCGCCCGTGGCTGGCTGAACCTGCGCCGGTGCCTGGGAGCG  
TCGCCAGGCCGACGTTGGCTGAATGCCGAGACGATAGACC

>CONTIG\_346\_length\_886\_cov\_17.806324

TGCTTGGCGATCGTCAGAACAGGTATCGCCGCGACTTGGCGAGAAAGCA  
CTGTCGCTGCAGCAACGAAGGGCGATGCAGGAATGGCAAGTCGATCTGGAGTT  
CGCCCACAAGACCGTTATCCGGAGGCAGGCTTGTGCACTCCAAAATGGCCA  
TGATGAAGTGGCGGATGTTCTGGTGTGCCAGTGAACTTAGATCACGTGCGGGACCT  
GATCACAGACGAAGCGATTGAAGCGAAGCTGATGAGGCGATTGCCAGAGTTGATG  
CAACCGAGCAGCACAGAGAGCTCAATCCAACGAGCGCAAGAGAGTTGCGCAGAG  
CAATACGTCAAGTTCAATAGAGAACGACCCGGCACGCCGACGCTGTAAAGCGA  
GTGCTGTAGAAATAGGCCTGGATGTCATCGCATCCTCACTCCGTTGCTTCTA  
AGGACCTGCTCCGTATCTCCAATGCCACGCGATAGGGTCCGACCTGATGAAG  
GTCAGTGTGCTAGATGGCGATCAGGTAGAGCTGCTGGCAATAATGTGACCTCGCAT  
CTTGCCTCACCCCTTCCCAGAGTTCTGAATCGCTCGCGATACAGGACCAAGAAG  
GCGATGCTTTCTGTGGTGCCTCATCTTACCAGCATGCTGCCAAGCAAACCGCTGG  
CGGGATCGCTACGAACAGACCGACGAGAAATATTGTCAGTGCAGATAAACTCCCG  
AGGCAGCGATGCTGGCCGATGAGGAAATAAGCTTAATCCATGGATGTCCGAGGAAA  
AATTCTTAATCGACCTCGCAACTGGTCAGTGGCAACCGGTAGATCAAAACT  
GCGATCCACACAAAAACAAAGGCTTTGCTACGGAAAC

>CONTIG\_347\_length\_877\_cov\_4.732000

TCTTCATTGCCCTCAAGACCTTGCCGGGGATCGGACTACGTGTTGCCGTCGCGAT  
ACGACTCGGACTTGCCCATGAGTAGCGCCACGCTTAACCAGGTGCTGACGCTGACAT  
ATCGGCTGGCGCAGAAGGAAGAGAAAGTCACTCGCCAAGTTCGGGCCACATGACTTG  
CGGCGACTGCAAGCACGCTGCTACATGAGGCCGGCTATAACACGGACTGGATTGA  
GAAATGCCTGGCGCACGAACAGCGAGGCCGTAGGGCTGTCTACAACAAGGCCGAGT  
ACCGTGAGCAGCGGACGGCGATGTTGCAGGACTGGCGGACATGATTGACGAATGG  
ACACTGAAGCGATCGAAGGCGTAAGCCAGAGGATGACAGTTGCTCACCTGCCGA  
ACGTCGAGGCTAGCACCCCTGGATAGGGCGCCAGCGCCCCCTATCCCACCGGCAC  
TGCGCCAACCAACCGCGCGGCCATAATCAAGCCCCAGGCGCAGTGCCGGGGCTCCCT  
CACCGAAAAGCAGGTCAAGCAGGGAGTGTGGCAAGCGTGGCGACGACAAGGC  
CCTGGCCAGGCCGAGGGTATCGATCAACGCGCAGTGGTAGAGCGGTATCGTGC  
TACGCGCACAGCAGCGGGCCGCCGTACTCACCCGGGGATCAATCCGCTGCGA  
CAGATCACATAGGCCGGTCGATGGAAACACCGTGAGCTGCGAATGACTTCTG  
CGCGGTGTTGGTCCAGCCGATGGCACGGTCCATCTGCCGTTGCTCACCACC  
AGGTCAATCACGCCCTGCCGATGTCTCCAGCTGCATGGCACCTCCAAGCGACA  
TGCCATGTCCGCCAGCACAGCTGTACAGC

>CONTIG\_348\_length\_869\_cov\_14.942049

ACAACGCACCGGTGGAGAGCTTCTCGGCCTGCTCAAACCGCGAGCGGATCAGGCCG  
CGGATCTATCCCACCAAGAACGCCGCACGCCGAGGTATTGACTACATCGAGAT  
GTTTTACAACCCCAACCGTCGCCACGGTCAACTGGCGACCTGCCCCGTAGAGT  
TTGAATGGCGCTACGCGAACGAGGGCCTGAGTGTACGGAAACCTCCAAGCGACA

CAAACGCTCACAGAAATGGCGACGTTCAAGGACTAACACCCGCAGTGCTGACATC  
GCTACGTCCAAGTGATTGAGATTGATAACGCAACTCTAAGAGCTCTCAACCCGTCGC  
CATGCCCGTGCCTGCGGGCGACGCCCGGCTGTCACGGGCCAACGGCCGC  
CGTTGACCAAGTGCTGCAGTCCACCTGGTCAACGACGCCGAGGTGCTAGCCCTC  
GGTCAGGCCAACAGCTGCTGATGGAGGCAGTAAAAATCATGCTCGGCATTGCCG  
TCGAGGCTTGGCTGATCAAGAGCGGTAACAAAAACCTTGAGTACTGTCTCGCG  
CGACAAATTACGGACATGACACGTTGCAGAAGTCCAATTGCGCTCATGATGGA  
GATTGCCTCAGGTGTTGAAACTGACAAGGAATTGGACTTCAAGCTGATGCACCGCTC  
AAAATCGGGAACGTTGCACACGGCATTAAATCAATATAAAATATTATTAGTT  
TTTATAAAAGTCTCATATCAAGACATCCAACCACATACACATGCCCTTAATT  
TTCCAGGTGCATTAAATGCACTTATGACGGATGCCACAAAAAACGCATAATTGCC  
ACAATTACATCACAGCCATC

>CONTIG\_349\_length\_864\_cov\_21.466757

TGCCAAGACGTCGAAGATGTCCCGCTTGCCTCGGATCTCGGATCTCGA  
GAAAATCTAACGCTGTGGTCAAGCAACACGCGCCTGATTGGCGAGAGAGTG  
GGATCGGATCACCTCGATCCAACCCCTCAAACCGTTGCAGAAAGCCTGCTGGCA  
GGTTTCCTTCAATGTTCCCGATCATAGCCTCCGATCGGACGATTGCTAGCGCC  
CGCTGCCATGGACGAGTTGCTGACGCCATTGCTGTGCATAAAATCGGACCTCA  
CAGACATGAGCAACTCAAACAGCCGCATGAAGCACGTGTCGCGGTGTTGGTCAC  
TGCACACGTGCCAACCGACATCGTCAGCAGCGTTGCTATGGTGGCGCAGTTC  
GGCCGGGTTGTGCTCGCGGGTATGGCAACCACACCCCTGCCAACAGTG  
GCAGGAAGTCCTGGTCCGCCAGGCAGTACCCCGTGCCTCAATACCAATACGCC  
GGGCAAAACACCGCCGATATCGCATTGGCGCTCGACGCTTGGAGGCAGTTC  
ACAGCCGGGCCGACACCTCTGCCTGGTCACCAGCGACTGGACTTTCTACCTCT  
GCCGCAAGCTCCCGAGCGCGGCCACGGTTTCATTGTGGCGAGGCCAACGACC  
CCGGATGCCTGCGAACGCCTGCGACCAGTTCTGAATGGGACCGGACGGCAA  
GGAGGTGGCCGCACCCGAAGTCCAGGGCAATGAACACTGCCTGCTGAAATCGGAAG  
CGACGAAAGAAGAAGCCCCCTCGCGTAGAAACCAAGCCACTGCCAACCGCGTCCC  
CGGTTCTGGTCGAAG

>CONTIG\_350\_length\_861\_cov\_145.036785

AAAACGGATTCCCGCTTTAGCGATCAACGGCGAGGTGAAATCTCGCCGCGATCT  
TCCAACCAGGTGCGGACCATTGCGCCGGCGAGCTGCTCAACCGCGTACACCGCAACC  
AGGCCAACCAGCCACGGTGCAGCCATGTCGGCCATCTGCTCGGTACCGCGCTCGC  
GTGCGGATCGTTCAGCACGAACAGCAGCATGGCGAACAGAAAGTACAGCGTAAACA  
CAACGCCAACGCCGACCAAGGCCAGCGCGTGACAAGCCACGCAAAAGCGGCAGCAG  
CTGAGCGTGCAGAAACGTATTGCGGAACTCCATCGAAGGACGGACAAACTCT  
AGCACTGCTGCGCAGCTACTTGGCCAGCCTCGCTATAATGGAGCGCGAGTTGATC  
GTCAAGCGCACCGTGCGGACTGGAAATGGCCACCAAGCTGGCGCAGAGTCGG

CCGCAAGCACCTACACCAAGGACCAATGGGTGACTGCGTGGATTGCCGTTATGT  
GCGCTGGCGGCCTCGCCCGAGAGTGCTGCAGCGCAGCCTGAATGATCGAACAT  
CAAACATCATTGTTGATAGATCGATCATGACATGCCATTCCATACCACCTG  
GCCGAGCTGCCAGTGCCGGCGTGCACCGTCAGCTGGCCAGGTCGG  
CGGCTACACCGTGTGGTGGCCAAACCGAAAAGCAACTGACCCGCCAGC  
GTGGCGAGCCACCGTGTGCTCGACACCGCCACCCAGCTGCTGGCGC  
TCGGGTGACGGTGTTCAGGGTGTGCGGCCAACTACGTGCGCGGCCAAGGTCT  
ACCGACGCGGCCGCC

>CONTIG\_351\_length\_859\_cov\_0.935792

CGGTCTGTGATTCCCTCGGCTGGCAGTCCAGGCCACATCGTCGCGGCCAGGGCAATGA  
CGTTGGTACCAACCTGGCTCGACGTTGATCCGCCGACCGTCGTACGCAACCCTCGC  
GTTCTGCTGCCTCCGGCTGCCAGTATGGTCTGCCATCGGGACGACCGGGTCAT  
GACGATCGGGTATGAGGGTCGTTCCGGCGTGGTTCCCTGGCCGGTGAACCTGGCAC  
GCCAACGTCCATGTGGTCGTACCGCGGTGGCAATTGCGACCGGGTGTCCCACATCCG  
CCAGACCTGCCCTGCTCAACGTCAATTCAACAAAGCAGGATGCCCAAGCAGA  
ACGTCGTCGGACCCATGAGATCGGGTTCAAGCCGGCTCGCCACCGTCCGG  
CAAGGACTGCCCATCTCGAGCGACGAGCGTGTGGCCTCAGCTTGCTGAGCTTGCC  
CGACGCCAGCCGACCCAAACAGGGATTCCGAACCGGGCGCCCTTCGTCAG  
CCATGGCGACGACTGCAAAGGTTCGCCGGCATGATCCGGCTTGCATCTCG  
CCACAGCCACCAATGACGAGACGACGCCAGAGGGCCCGTCAAGGCTCCACCGCCG  
GGCACAGAATCCAGGTGGGACCCCGTCAGGACGGCGTGGGACCCGGAGTTCCCCA  
CCACGCCAGATGTTAGCGTTCGCGTCCGTGACGATGCCAGCCCCAACTCGGTGGC  
CTTGCGACGAACCATTCCCGAGCGCACCTCCTGGGACGTAGGCAAAACCGCG  
AATAAGAGCGTCCTCGTCCAATCGCGGATTCAAGCCAGCAGACTGGCA  
GCAGTCCAGGT

>CONTIG\_352\_length\_857\_cov\_2.953425

ATCGATTGCAATACGACGTTCATCTGCCGAGCATATTGGTGGTGAACACTGGAT  
ACCGACCATGGCGCATGGCGTTGAAGGACGCCGGCTGGATACAGCGTGGCAT  
TGACCTTGCAGCCACGAAACTGTGCTGAGTCCAGTGCCTAGAACCGCCCTACTTA  
ACTTACGGCGCGCACGGTCGCTGCATCCTGATGTCGAACACCATCGGTGTCCGCAA  
GTTGTGCTTTGAAGTAAGTAAATAGCTCATCAACACCGGGCACGTGATACCGGT  
GGCGTGGCGGGTGGTGGGAGGTAAAGCTAACTAACCTGCGACCAAGGGG  
TGACGGTGATCGACGGATTGACACCCCTGTTGAGGGGGTTGTATTGACGCCCG  
GATGCTCGTCCAGACATTGGTCGTGCGGCCAAGATTGAGTCAACAGCACC  
GGACGCCGTCGCTGGTGGAGCTGACGTCAACTCGATGCCGTCCATACATTGGTCGT  
TCGCGACCTGTAACGAGGCCACCGAGTTCCGGAAGATCGTTGATGCCGGCGGATT  
TGCCCCACAAACCTCGGTGAGCTAGCACGGTGGTGGGACCGTTGAAAACAATG  
CGGCGCCATTGGTGTCTAACGTGTCGCTACAGGAAGCCAGAGCAACCCGGGCAC

AACCGCGAGCAATGTCAGTGCGCCAAGAGCGTGACAGACGCGAACGAGCGGGGTG  
GTAACACGGTGAGTGGTCATGGATCTATCCAGGTTATGAGTGCAGGAGGACGATG  
AGAGGACGAGTTCCAACCGGTCGACACGGCTGTGGGTCGCCTGAGCGCACTTGCT  
CGACGGACC

>CONTIG\_353\_length\_841\_cov\_28.165266

ACCATCCAGGACGTCACCATCAAAGGCATCTCGATGTTCTCACCTCGATGGGTCTT  
GCGCCATTGTCAGCTCTGGCTGACACGCCGAGTCCAGCGCGACGAATAGCGCAT  
GCGAGCATGCAAAGTGACTTGCATGTTAGCTGCAAGCATGCTTGCATGCTAGAGTG  
CGCGCAATCTAGCATGCGTGCATGTTGCAGCAGCTTGCATGCTATCTGCACGGTGCATGCAAGTCT  
GCAAACGTCAAAGCAGCTTGCATGCAGGTATGACGATGGGTGCCAGGTCT  
CATGCAAAGCATCAAGCATGCGTGCATGCAGGTATGACGATGGGTGCCAGGTCT  
TGAAGCCTCGCCAAGGGCTGGACAAACCGCGGATTCTGGCCGGCAAGCCGCGAC  
TGGTTGGCCGCTGGGTGATCGCGAAGACGGCACCCGTCGCCGGCTACTGAGCTTC  
GCACCAGGCGACCGGTTGCACTCGATCTGAGGATGGGAGCAGAACGACTACGGCACAAC  
GCGATGGCGGGTTGTGCTGTGAGGCATTACCGGCCAGGGCGAAAGCG  
TGCCGGCAGTGCAGCTGAGATGCGCCATTCTGGCCACATCACAGGCGAACGCGG  
GTGCGCGCTTATGTGGCCTGGTTAGCCCTCAATCGGTAAAAATTGACACCCTAAAT  
CGGCTAGAATTGGCGCGTATCGAACAGTTTCCAGCGCATGCCACTGGCGCGGTTG  
AAGGTTTAACCGCCGACGTGAGAGCAAACCCCCGAAAAGGCGAGG

>CONTIG\_354\_length\_841\_cov\_16.760504

ACCATCCAGGACGTCACCATCAAAGGCATCTCGATGTTCTCACCTCGATGGGTCTT  
GCGCCATTGTCAGCTCTGGCTGACACGCCGAGTCCAGCGCGACGAATAGCGCAT  
GCGAGCATGCAAAGCGGCTTGCATGTTAGCTGCAAGCATGCTTGCATGCTAGAGTG  
CGCGCAATCTCGCATGCGTGCATGTTGCAGCAGCTTGCATGCTATCTGCACGGTGCATGCAAGTCT  
GCAAACGTCAAAGCAGCTTGCATGCAGGTATGACGATGGGTGCCAGGTCT  
CATGCAAAGCATCAAGCATGCGTGCATGCAGGTATGACGATGGGTGCCAGGTCT  
TGAAGCCTCGCCAAGGGCAGGACAAACCGCGGATTCTGACCGGCAAGCCGCGCC  
AGGTTGGCCGCTGGGTGATCGCGAAGACGGCACCCGTCGCCGGCTCTGAGCTTC  
GCACCTGGTACCGGTTGCACTCGATCTGAGGATACCGGCCAGGGCGAAAGCG  
GCGATGGCGGGTTGTGCTGTGAGGCATTACCGGCCAGGGCAGGGCGAAAGCG  
TGCCGGCAGTGCAGCTGAGATGCGCCATTCTGGCAGACATCACAGGCGAACGCGG  
GTGCGCGCTTATGTGGCCTGGTTAGCCCTCAATCGGTAAAAATTGACACCCTAAAT  
CGGCTAGAATTGGCGCGTATCGAACAGTTTCCAGCGCATGCCACTGGCGCGGTTG  
AAGGTTTAACCGCCGACGTGAGAGCAAACCCCCGAAAAGGCGAGG

>CONTIG\_355\_length\_838\_cov\_0.084388

GGGAGAAGAGGAGGAGAGAAGAGGGAAAGAGAGAAAAAGAAAAGAAGAGGAA  
AGGAAGAAAGAGGAAGAGGAGGAAGGAAGAAGAAAAGGAAGAGGAAGGGG  
AGAGAGGAGAGGAGAAGAGGAAGGGAAAGAGAGGGAGGGAGGGAGGGGGGG  
AGGAGAGGAAGAGGAGAAGGAGAAGAAGGAAAAGAGGGAAAGAAGAGAAGGA  
AGAAGGGAGGAAAGAGAGAGAGAGGGAGAGAAAAGAGAAAGAAGAGGAG  
GAGGAAAGAGGAGGAAGAGGAAAGAAAAGGGAAAGGGAGGAGGAGGAGGG  
GAGAAGGAAAAGGAGGAGGAGGGGGTTGAGGAAGGTAGGAGGGAGGAAAGAGT  
AGGAGGAGGAGAAGAGGAAGGGAGAGAAAAGGAGAAGGAGAAAAAGAAGGGAGA  
AGAAAAGGGAGGGGAGGAAAGAAAGAGGGAAAGGAGGGAGGGAGGGAGGGAGGAA  
AAAAAAAGGAGGAAAAGGAGAGAGGGAAAGAAAGGGAAAGGGAGGGAGGGAGGAA  
GAAAGAAGAGGAAGGGAGGGAGGGAGGAAAGGAGGAGGAGGAGGAGGAGGAGGAG  
AAGGGAGAAGAGGGAGGAAGGGAGGAAGGGAGGAGGAGGAGGAGGAGGAGGAG  
GAGGAAGGAAGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG  
GGAGGGGAAGAAAGGGAAAAAGGAAGGGAGGGGGAAAGGGAAAGAAGAG  
GGAGGAAAAGGGGAAGAACGCCACTCGCTATGACACGGCGAGCTGGAGGCCA  
GAGGGGACATCTGGGGCTTAGCTC

>CONTIG\_356\_length\_836\_cov\_1.344147

GCCTGCCGTAACGAGATGAGGGCAGCGGCTCGCATGGGCTGTTGTCGGTTGG  
CTATCGCTTGAATGGCGCGCTGGCTGAGATGGCGCAGGGCTTATCGCTTGCTT  
TGAATCGCTTGCTGCTCCGGTATCAGTCACGGCCCATCCAGTCAGCAGTCCGGCA  
ACTCAAGAGCAGCACTCAAGCATTTCAGATCCCAGAAACCAGAAGACCCCCGATC  
GCTCGGAGGTCTTTAACTGGTCCCAGAAGAGGACTCGAACCTCACGAAGTTG  
CCCCCGCTAGCACCTGAAGCTAGTGCCTACCAATTCCGCCACCTGGCAAGGTGA  
GCCGCGAATTTCAGGCTCCTGGCGGATTGTCAACGGGTGAACGCTGCGATCTAC  
GCCTGGACGGGCCGGCTTCAGCCCACATCACGGCTGCACGGGTAATATGGTGGC  
AATGACCAAGAAAAACACCCAGATTCCGATCGGCCAGTCGACGCAATTCCGCCA  
ACACTGGCGAGCCCACCACCGCCGAAAAACAGAAGTTGCCGGGGTGGATGCCTGAC  
TTCCTGGTTCGCGCCGCCGCTGGCGCTCGACCAAGTCCGCAAACAAGCGCGCTGCC  
GATAAAGCCGCGCAAGCCTGCCGGAGCTGCAAGTAGCGCCGCCGCTGCCGAGCC  
GCCGGCTCCCGCGCACCGCATCCCGCAAGAGCGGCCGCTGCCGCCGCCGG  
AACGCCTGCAGTCGTCCAGCCTGCAGCTGCACTGCTCTCCGCTGCCGCCGCTG  
AGTTCAAGGATCCGACGCCATCGCAAGCGCTGCGCTATGCC

>CONTIG\_357\_length\_836\_cov\_0.901269

CTTGCAGACATAACAAGCAGAGTGTCTAAACTGCTCTAAGAAAAGAAAGGTTGA  
ACTCTGTGAGTTGAAGGCACACATCACAAAGTAGTTCTGAGAATGATTCTGTCTAG  
TTTTTATTGAAGATATTCCCTTCTACTGTTGGCATCAAATCGCTTGAAATCTCCA  
CTTGCAAACCTCCACAAAAAGAGTGTTCAGGAAATCTGCTCTGTGCAAAGGGACGTTCCA  
CTCTGTGAGTTGAATACACACAGCACAAAGAAGTTACTGAGAATTCTCTGTCTAGC

ATGAAATGAAGAAATCCGTTCCAACGAAGGCCTCAATGCGGTCCATATATCCACT  
TGCAGACTTACAAACAGAGTGTTCACAAACTGCTCTATGAAAAGAAAGGTAAACT  
ATGTGAGTTGAACGCACACATCACAAAGAATTCTGAGAATGATTCTGTCTAGTT  
TTATTGAAGATAATTCCCTTGACTGTTGGCATCAAATGGCTAGAAATCTCCACT  
GCAAATTCCACAAAAAGAGTGTTCACAAATCTGCTCTGTCTAAAGGGACGTTCCACTC  
TCTGAGTTGAATGCACACAACACAAAGAATTACTGAGAATTCTCCGTAGCATT  
CAATGAAGAAATCCCCTTCCAACGGAGGCCTCAAACACAGGTCCATATATCCAATTGC  
AGACTTACAAACAGTGTGTTCCAACACTCCTCTATGAATAGAAAGGTGAAACTCTG  
TGAGTTGAACGCACACATCACAAAGCACTTCTGAGAATGATTCTGTCTGGTTATTA  
TACGAAGATATTCCCTTCTGCAATTGTCCTCAAAT

>CONTIG\_358\_length\_831\_cov\_0.191761

TTCTTCCCTCTTCCTCTCCCCCCCCCTCCCCCTTTTCCCTTCCCTCTCCCCCT  
TCCTTTCTTTCCCTCCCTCCCCCTCTTCTCCCTCTTTCTTCCCTTCTTCCCT  
TCTTCCCTCCCTCTCCCTCTCCTCCCCCTCTCTTCTTCCCTTCTTCCCT  
CCTTCCTCTCCTCCCTCTCCTCCCCCTCTCTTCTTCCCTTCTTCCCT  
CTCCTCCTTCCCTCCCTCTCCTCTCTTCTGTCTGCACCGTCGGTAGTTGC  
TGCGTAACCGCAGTGAGGTCGCTTCCCTTTCTTCTTCTTCTTCTTCTTCT  
TCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
TCCTCCCTCCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CCTTTTCCCTCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
TCTCTCCCTTCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CCTCCCCCCTCCTCCCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CCTCCTCTCTCCCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CTCCCTCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT  
CCCTCCCTCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT

>CONTIG\_359\_length\_829\_cov\_19.773504

CACTGGCCGGATGCGCAGCATGCCCTCGTGTACGCGCACGGGCCACGATCAGCT  
CAAAGGCTGCTGCTGACCGAGCCGATCTTCACACCGACCAGCGCTCACGCGAA  
GCCCTCAATCGAAGTGACGTTGGATTGGCAAGAAATGCGAGGCACCTCAATTGCG  
CAAAGACGCGGCTGGCTGAGCGTCGCCACGATGGCATGAACCTCACGGTT  
GCATCGGCAAACCGTCCCGATGCATCTGCCCAAGGACCTGCGTAGGGTGGTAGAG  
CCACTCTGTGGCAGGCCCCGATGAGACCCCTCTATCAGCTCACGAGGCGAAATT  
ATAGATGTCGGCGAGCGCGGTATAGAACTCGCGGAATTAGAAATTGCGATGCCT  
GACTTTATCGATAACCGGGATGTCTCACCAAGAACATCGATCATCGATCCAATGACAT  
CAGTCGACCAGATGTCCTCGCTGCTGGGCCACTGTAGAGAACAGTGACCTGCCGG  
AGGCATTGCGATCCACCTGCGCGGCGAGCGACCTCAGCGATTCTGGTCTGGTAAT  
CGCCAGGGTTCTGACGAATTCTATCGATTGCGTCTGGTAGATATCGAGCCATTCA  
CACCAAGGCACCCCTCATCGATTCAAAACGATGTGGTAGTCCGTGTTCTGGAGTG

GACGCCGAAATCCTGTATGCGAGCAAGGCCTTTGAGGTCAGCTATGAATTGCTC  
CTTGTCAAGCCTTGAGATGCTCAGGCAGTCCATCTCACCATTGATCCACATCAGTCT  
CCAATGGGACCAACCAGGGCTGACCTCGCGCGCCT

>CONTIG\_360\_length\_815\_cov\_45.827035

CCATGTGGTTCGTTGCTCTCGCTGCCAGGCGCGCCGCTCGCTTAAGTACGCGCCTG  
ACACTTACCAAGCGCCTGCCGTGCTGCCGGACCTACGGATGTACGGCCGCGCGCCTGC  
GCACCGGCAAGCGACAGTCCTACTACGTAGACCACTACCGGCAGCACGTCGAGCGC  
AACCACGGCGCGAAGGCCACGGTGTGCCGGTGCACGCCTATTACTTCCCACACCG  
CCAAGCATCTGGTAGTTGCCAGTGGCGCGTCTTCTAGGAGTTACAGACATGACC  
ACGAGAATTAACGTAGCACAGGGCAAATACACCATGCCAACGAGCACGGCGTTAA  
CCTGCGAGTACTACGGTACGGCGAAGAGTGGCGAGACGCCATAGGAGACGGATTCA  
TCCTCAGCTGCGCGCAGGAAATCGAAAATCTAGTGGATGCTTGCAGCGGTTGGATG  
CGGCTTATTGCCGTGCAGGGCCTGACTTGAACGCCACCGAGCGCGCTGAAGACCGG  
CAACGGCTGATTGAAGCGCGCCCGCGATCGCAGCTGTAATGGGTGGCCAAGTATG  
AACATCGACGCGCTCAAGGCCAGGCCAAGTTGCTTGCAGCTGGCCGAC  
GCACTCCGAAGCCCTCGACGAGTTGGCCGTCAGCGGGCTACTCGAACTGGTCCC  
ACCTTATGAAAGCCACCGGACACAAGTCATGAAACTCGCAGACCTAACATAGCAA  
TTGTGCTGGGCCCTGTGCTTACTAACCAAGCGGTTAGCGAGAGCGTCTCCGGCCTCT  
GGGTTAGCGTCCAAACCGCTCAAGCC

>CONTIG\_361\_length\_813\_cov\_0.549563

GGTGCCTCACCCATGGCCAGGCCACCGGAAACCGCACTGCGCCGCTTCGCATCTGCT  
TTCATGCCCGCGCGGTGGTTGATGGCGTGCATGCCCTCGTTGCGTTGCCCTGCAGG  
AGTGCAGCGCACCAGGGGGCTAGGCTTGCATTACTCTTCGGTATAACCCCGCCG  
AAGGAAACGTTATTCCGCCGCATTCCAGGTTGTCGTCGGCCAGCAGCATGCGCCA  
AGTAATTGCAGACGCACCTGCACGTGTTCTCGTGCACCTCGACGCCGGTTGCCTTCT  
GGATAGCCCGCGCGGGTACCGAGCCGGTGTGCGGACCGCCCGCGTCTGTTCCGG  
GTCGGGATAGGCCCTGGCCAGTACGCATGCCGTTGACGGTATGCTGCCGCTGC  
GTTGGGGGTCAATTGCAGCATGTTGCGCGTAGTGCCAGTGGCGTTCCACGCCCTG  
CGGTGTGGCGTGGCCCGCTGGGTGCAGCTGCAGGCTGGACTGTGCGACCCAAC  
CAGCATTCCCGCCTCCCTGTTGGGATAGCTCCTCCTTCTCCTTCTCCTTCT  
TTTCTTCTCTCTCTCCCTTCTCTCCCTTCTCTCCCTCTCTCCCTCCCTCC  
CCCTCCCCCCCCTCTCTCTCCCTCCCCCTCTCTCTCTCTCTCTCTCTCT  
CTCCTCCCCCT  
CTCCCTTCCCCCTCTCCCTCCCTTCTCTCTCTCTCTCTCTCTCTCTCTCT  
TC

>CONTIG\_362\_length\_810\_cov\_20.998536

CAATCACCGCGTGGGGCCGCTGGGCAGGTTCTCGATGGCTTACGGTGCCTGAA  
AGCGGCCGGCACATCGAGATTGACCGGCTGGCGTACTGGACGCTAGCCGTTCT  
GTGCATCGGCCAGTCCATGCCCGCATGTCTCGTCAAAGCCGGCTTGAGCGCA  
CGCCCGCAGGAGTGCCTCGGCCATCCGAGTGCACAGGCAGGCGTCGGTGCCTG  
TCCAGCGCTCCAGGAACCTGCCTCGTGCAGGCTGGTAGCGCCCTTCATC  
TGCTCAAGGCAGCCCAGCGGCCAGCTGGTCCAGGAACGTGCGTGAATGACCTG  
GCTCTGCTGAGGCAGCGGCCCTCCAAGCACGTCCAGGCGCACAAAGGCGCGCT  
TGGGGTCGCTGAGGGTGGATCGCGTTGACCTGCTCCACCAGGTCGGCCGGCACC  
TGGAAAGGTGCCGTCCACTTGGTACATGGCTCGGTGCGCCAAGGCGTCCATA  
CGCCGCACGTGCGCCTCGATGTAGGACTCTGGCGTTGCGTGCAGGCGACGTTTC  
GGGTCCCATTCCCTGACCTCTCAGGTGCGCCTCCGGGAATAGATCTCATCCTTC  
AACCGCCGCAGCACGTTTGCTGCCGCCGTGGCAGCCGGCGGTAGCTGTCG  
AGAGTCACGGTGTCAACGATTGCCCGTTGACCAAGGTGCCGCTCCGACGGGC  
ACTGAGCGTTGCGTAATGCACCTGGCGTGAAGCCGGGACGACGACGTATTGG  
CGCCCGATCGCTTGTGG

>CONTIG\_363\_length\_800\_cov\_4.539376

GGTCTTACACAGCGGAGACGATAACCAACAGCAATTCTACCAATTACTACTCAGCCTGGT  
CGCCAAAGGTGCCCGCGCATCCCGTGCAGCCCTCACGAGTGCCTGAAGCATCA  
GCGCGCTCCTCCGAAATGCGGTTCAAGGACCGAGCCCCGTTGCCAGGCCAGATTGTA  
GTCAGCGAGCGACCGATCCGCGTCGGCACCAAGGCCAACGGCCTTCCACCGA  
GTGTCTTACCAAGCCCTGCTGGTAGGCGTGGAGATGAGACTCCAGGGCGGCT  
CCAGGTAGGTGCAGCCAGCTGGCGCCACGCCAGCAAGGTGGTCAGCACACAC  
CGGCGAAGATGCGATCCGATGCCCTATGACGCCATCCTCAGGCCGGTAGCCG  
GCCGGATCGGTGAGCGACACAGAGCAGCTCAAACAATCAATAACGCATCACCAC  
GGATGCTATGTCGATATCAAGATTCCAATCAAGCATGACATGGTTGAATTCTC  
TACGTTAACTAGGCCTTGAGCAAGCCAGCGGCCCTGTGAAACCGTGGCGATATCA  
GACCATATCGAAACGGTCTGATGGACTGCTGCCCTACGCTGGCACCGTGAG  
CGCCGATATCGAGCGGGCTTCCTCATTGGTCGATGGCCTACGGCTTCAAGTC  
TCGCACACCGAATAACAGAGGACTACCCGTTGCAAGATGCTAGGTCTGTCCGTCCA  
CGTTCTAGGCATGAGCGTTGGCATAACGACATGACAGCCCTAGTAGGAGCCAAT  
GTCTAGAAG

>CONTIG\_364\_length\_796\_cov\_0.657698

GTTTCCAGGTCGAAGGTTATGCCCGGCGTTATCTGCAATTGAACGGCGTCTGGCGCG  
ACCATGTGTTGACCAAGTGCACGACGACGACCGCCCTGTTGGCGCTTAGAGC  
GGCTAACAAAACACTTCACGCCAGTCCACTGCAGGCCGGCTGATCTGCTGCC  
TGCAGGGCCCTGCCGCCACCATGCGGGACACGCCCAAGTACGTCCGTGAG  
GCTCTACGCCGGCATCCATGCCGTAAGGTCCCGACGGTGGCGACAAGGAC  
CGGTCCAGATGGTCGGTGCACGATTAAGAGCAGTGCCTGATGCGCTTGTGAT

GACGTAGCGCCGGCTAACGTCCGATGCACATCGCGAAAAACAGCTTTGCGC  
GACCACCGACCAACTTCTGGTGC GGTC CCTCGCCGATTGCGGGACCGTGTGGCG  
CATGGATGCCGCCACCGAGCCTACATGGACGTACTGCGGCGTGTCCC GCGAGCG  
TGAGGGCACCGCGCCCTCGACCGACCAGACTTGACGTTGGTAGCCGCTTAGAG  
TCAACCAACGCTACCCGCGGTTCCGGGCAGCATTCTGGACATCTAGGACATCG  
ACGGATACTCCGTTGGTGGCCGTTCGTCAGGT CGC GTAGCCACCTCAATACACGT  
CGCGCGATAGCGCCCTTGCAGCAGGCTTGACATCGGTGCCGAGGATTG  
ACTCAAGCGTCTGATCGACTTCGGGTGCCATGCCGCGAGGCTGCCGAGACGTAG  
ATGC

>CONTIG\_365\_length\_795\_cov\_12.890719

ATCCGCATCGCGACGCCACTCAGACATGCGACTTGGGGAGAGCTGGCTGGCG  
CGAAATCCTCCGCCATGATGGCTGATGACCGAGAAGCTCGATGGCCTGCTGACTG  
CCGCACGCTCGGCTTCCATACCCGTGATAAGCGAACTGATGAATATTTCATATCTT  
GACCATTTCGAGCTGTGGAATGACGCTAACCCCTGCCCGCGAAAATCAGGTGACT  
GTCATCCTAGAGGCTGGCCACTTGCTCTCCGTTGCGTAGTCCCCGGGCCATT  
CAGACCACTTATCTCAAATGCTCAGACTCCTTCAAGAGTTGCAAAAGCCAA  
ACGCCATAAATCAGATTGCCTAACTGTCTTCTTAAGAATTATTATATTAGGTAAAGC  
AACTTAATTATCTGGCGTTCAAGCGCATTGATGGTTCAAGCCCATTACACAGCTAC  
AATCATTGAAAGATATAGCCTTGCATAAAATCTTTATAAAAGCAAAACTAAAAAT  
ACAGCTATTAAACGACAATTAGCGAGACCCACCTAGACAATCATTGACCGCAAATT  
TCTGTCCTATTTATCATTGACAGAAAATCCCCTCCCTATCAAACGTCTACCTCCT  
CATATTGGATCGTAGATGCACTTAAACACTCCCAACTTCATCAATATTGCAACA  
GCCCAAAGGT CAGTTATCCATCCGAAGCATTGCGATCGCAAAGTCGAATT

>CONTIG\_366\_length\_788\_cov\_0.440242

AGGAGGAAGGAGGGGGAGAGAGGAAGAGGAAAGAAGGAGGAGAGGAAAAGAAGGGGGAGG  
GGAGGGAGAGAGAAGAGAAAAAGAAAGAGGGAAAAGGGGGAGGGAAAGGGAG  
AGAGAGGAGGAGGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG  
GAGAGAGAGAAGGGAGGGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAG  
GGAGGGGGAAAGAAAAGAAGGAAGAAGAGAGAGAGAGAGAGAGAGAGAG  
AGGGAGGAAGAGGGAGGAAGGGAGAGAGAGAGAGAGAGAGAGAGAGAG  
AAAAGAAGGGGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG  
AGGGAAAAGAGGGAGGAAGGAAGGGAGAGAGAGAGAGAGAGAGAGAG  
GGGAGGAAGGAAGAGGGAGGAAGGAAGGGAAAGAGGGAGAGAGAGAG  
GAAGAGGAGAGAGGGAGGGAGAGAGAGAGAGAGAGAGAGAGAGAG  
GGAAAAAGGGAGGGAGGGAGAGAGAGAGAGAGAGAGAGAGAGAG  
GAAAGAGGGAGGGAGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAG  
AGAGGAGAGGGAGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG

GGAAGAAAAGGAAGGAAGAGGAAGGAAGGAGAAAGGAGGGAGGGAAAAAGGGAG  
GGAAGAAAAGGAGGAAGAAGAAAGGAAAAAT

>CONTIG\_367\_length\_786\_cov\_297.283763

AAGAGATCAGCTGGTGCAC TACATGGTCTATCAC AATGGATCCGCAACGACTCTCC  
CCCTTAACC ATCTAGACGAGGCATGTTCTGAGCGAGGTCTACAAACATCGTCAGT  
ATT CGCATCGCCTAGGGGGACCGCGTTAGGGTCTAGAGATCGTAAGTGGGCGT  
TGCACGGAAGCACTGGGGGTGGCTATTAGTTCCGCGCATGGTCATTAAAGCGTTT  
TGCCAGAGCTTATAGAAATGGCGCTATTGTTGTGGATGACAAGGGTGGCGTAG  
GGCTTACGCCGGACTTCGAGTGCATCAACTTAGCCTCTGTCAAGTCTTTAATAGTAT  
CCAGGAAAACCGCAGGGCGCTACCGCCGTCAATGCCATGATCAGCAGGCCTAAA  
GTGCGCCTAGAAACGGATGTGATCAGAACACACAGCGTAAACAGCGTAGATGCC  
CCGCGCGCCTCGGACAAATATTCAACCTCCGAAGATGGCAACCAACACGCCAAAT  
AGATTA ACTCTGAAGCCACCGTGCCGCTGGCTATCGCTTGCCTAGCCAATTGGCCA  
TGAGTCATCCTGGGCAGTGATTTCAGCCGAGTTATGTCACACATCCTGCGACACC  
CCGCCC GTTTTCAGTGCTCCGGCGATTCAAATGGGATTGCCTAACTGTCTTCTTA  
AGATTGATTGGATTAGGCAAAGCCACCTCATTATCTGGAGTCATTTATTGCGTG  
AGATATCTCTCACTTCCGCCCTTTGTTACTTTAAACACTACA

>CONTIG\_368\_length\_786\_cov\_64.743551

CATCGGCACTGCCGAAAATCCCCGTCAAAACCGAACGTGTACCAAGCGACTGCAA  
TTCGACCCAGCGTTAGTCAAGCGCGTTGACGCCCTCTGC GACTTCTACGCGCAAAC  
GCTGGCGCAAAGCCGGATTGGAACGATGCAGCCGTTGCGCTGATCGACCATGCGCT  
AGAGCGCAATCGCAGTTGCCAAGTACCTCGCCGAGCAAGCCAAGCCGGCCGCAT  
GACCGCAGTGTGACGCCATCTGTTCGTGGCCGCCCACTCGGTGCCTCGCACGCA  
ACAACCCGCCGGAGTTAGCTCATGAACACACCCGAAAAGAGTCTGGGATATCGCAT  
CGGCAGAACGCTCTACGCCATGTCGAGTGGTACGCCAGCCCGCCAGCATCG  
TGATCGTGGCATGCTCGCCGCATCGTATTTCTGGCTGTCACTGCCGCTGCGGC  
TGTCGCTATCGGTTCTCTCGCTGGCGATGTTCTGGCTGCTGTTGCCAACGACAA  
GCCAGCCGACAACGACACCGCCCAACGACCCGGAGCGCTGACATGCGTCTATGG  
ATCTGCGAGAAACGCGACCAGGCCAAGAACATTGCCCGCTGCTGGCAACCCGAA  
ACCTGGTCAGGGCTATATCGATACCGACGATGGCGGGTCACGTGGGACGTGGCC  
ACCTCCTGGAGCAAGTGGCCCCACCGGGATACGACAAAGCGTGGGAAGCATGGAAT  
TTGACGTGCTGCCCATGATCCCCAGCGCATGGAAGCACAAGCCGACTGCTGA

>CONTIG\_369\_length\_783\_cov\_0.599085

CTCTTTTCCCTCCCTTCCCTCCCCCTCTCTCCCTTTCTCTCCCTCTTTTTTCCC  
TCTTCCCTTCTCCTCCCTCCCTCTCCCTCTCCCTCTCCCTCTCCCTCTTCTCCCT  
TCCCT  
CTCTTTCTCTCCCTCTCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT

TCCCTCCTTTCTCTCTCTCTCTCTCTCTTTGTCGATGAAGCGGTCA  
AGTCGTGCTGCGATTGCTTCGGTCCACCTGCAGCGTCCCAGCAACCAGGG  
AAGCTAACGTGGTGGTGGAAAGCCGAAGTCGATCAGACGCTGGCGATGTCTGT  
TGACCGATGCCGCTGGTCTCTCCAGCAGGGCGGATGTCGAGGATGCACTCGTCTT  
TCCTCTCTTCCCTTCCCTTCCCTTTGTTAGTGCAGCGAGACGCTGGCGAT  
GTAGTTGGCATTGAGCAAGGCCACCTGGTCGCGCAACCCGCCACTGCCCAT  
CATGGTCACGTACATCCAGCTGATCGCAGGATCGAGGCGAGCCGTAGCTGGCCG  
CGCTGACCATGCCGCCGGTGCAGCAAGGAGCCTCCAATTCCGCTTCGGAGTCGAATC  
CGCCGCCATGGATGGCGCATTTGACCTCGCCGGATGGATGCCGGACGAGGA  
AGATAACGGCGCCAGATGCGACTTCAC

>CONTIG\_370\_length\_780\_cov\_0.053599

GCAGACAAGACGGCGGGCGTCCGGCAGCAACCGTGCATTATATGGGAAGTCGCGC  
CGGATTGCGTTAACGCGTGCAGTCACAGCTAACCGATCATCCAGCTGTCGCTTACC  
GCGCGCAGCCAGGCCAGGCCCTGGACCACACCAAAGGAGGGATGCCCTGCACC  
AGGCGCGATTCCGGAAAGGCCCGCGACCGTGTGCGGATATAGCCTGCGCGA  
CATGCCGCCGGTCTTCACCTCTTCTTCTTCCCTTCCCTCCCTCCCT  
CCTCCCTCCCTTCTTCCCTTCTTCCCTTCTTCCCTTCTTCCCTTCCCT  
CTTTCCCTCCCTCCCCCTCTCTCCCTTCTTCCCTTCTTCCCTTCTTCCCT  
TTCCTCTCCCTTTCTTCTTCCCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT  
CTTTCCCTCCCTCTTCTTCCCTTCTTCCCTTCTTCCCTTCTTCCCT  
CCTCTTCTTCCCTTCTTCCCTTCTTCTTCCCTTCTTCTTCTTCTTCTTCTT  
CCCCCTCCCTTCTTCCCTTCTTCCCTTCTTCCCTTCTTCCCTTCTTCTTCTT  
CCCCCTCCCTTCTTCCCTTCTTCCCTTCTTCCCTTCTTCCCTTCTTCTTCTT  
TTCTCTTCTTCCCTTCTTCCCTTCTTCCCTTCTTCCCTTCTTCTTCTTCTT  
CTTCCCCCCCCCCCC

>CONTIG\_371\_length\_771\_cov\_14.076087

TTGATCACGGGAACTGCCAGGGCAGGTACACCAATCGATGTCGACGGAAAGGC  
GCGGCATATCCTGTACAAACAGGTTGATGGCGGTGCCGCCCTCATGGCGAAGATGT  
CATTGGCGAATACAGCAGGAGCAATGTCCAGCAGAACAGTCAGCGTAG  
TGCTTATCCATGGGGTTAGGCTCAGCAAGGTGCCATCGTCCAGCCGGCTCATCCA  
GCGCCTGCTACTTCCGGTTCTGACCTGATTGTGCTCAAGCAATAGGTCCACGTCGAC  
GACACCTGACTCTCGTGCCCATGTCAGAAATAATCGCACGGCTTACACTGGTACA  
GCAGGAAAGCAGCTGTCCAAGCAGATCCTACGCGGTGATCGAAGGCCATAAAAAA  
TGTTCGGCACTCCTCAAGGCTTGCCTCGTGCCGGCGTCATAGAGCAGCTCCAGAA  
CGGCTCGTCTGGCACAGCTACCTGCAGGCCCTGGGCTGTCCTGGGGAGTGTGCA  
GGGTCTTCCGGCGAGAGTATCGTCTGGCCAGTCGAAGAGCTGGCCCCGACATAAC  
GCGCCGGAAAACGCTCGGTGAACCAGGTAGGTATGACGAAACGGCATCGCCCCAA  
AGAACGAGGATGTCCCACGATGCCAGGTTGTGGCGGACCCCTGAAGCGCCAACGC

GCTTTCCCTCCGACGTGCAGGCCAGCCACTTGGCCTTGAAGGAAGCGCAGCGCGCC  
ATTGACATCAAAGTCGTCGGATGCGTAGA

>CONTIG\_372\_length\_766\_cov\_0.145540

TGCCGATAGAACCGGGTCTTCCACCGACTTGGCATTGAGCGGTGCGGACAACACTGC  
TCAACCGCGACGACGCAGGATGCGCCGCAGGGCGATCTGCGAACGGTCGGAGAAGG  
AATAGTCGAGAAAAAGAGATAGATAGAATAGAAGGAAGAAAAGAGAGATTATGG  
AATGAAATAGAGAGAAAGAGAGGAAGGGGAGAGAAGAAGAGAGAGGAAGAGAGGAG  
AAAGGGAAAGAAAGAAGAGGGAAAGAAGAAGAGGGAGGGAGGGAGAGGGAGGGAAAGG  
AGAGGAGAGGGGGAGAGGGAGAGGAAGAAGGGAGGAAGAAAAGGGGAGGA  
AAAAAAAGAGAAGGAAGAGAGAGAGAAGGAAAGAAGAAGGAAAGAGAGGGAGAGGA  
GAAGGGGAAAAAAAAGAAAGGAGAGGGAGAGAGAGAGAGAGAGAGAGAGAGAG  
GGAGGGGAGAGAGGGAAAAGAGGAAAGGGAGAGGGAGAGAGAGAGAGAGAGAG  
AAAGAGGGAAAGAGGAGAGGAAAAGGAAAGAAGGGGAGGAAGGAGGGAGGGAAAGG  
GAGAGAGGAGGGAGGGAAAGAGAGGGAGAGAGAGAGAGAGAGAGAGAGGGAGGG  
AAGAGAAAGAAGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG  
GAGAGGGAAAGGGGAAGGAGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG  
AAGGAGAGAGGGCGAGCAGCGGCCGACGCCTCGCATGGTCGCGGTGCT  
AGGC

>CONTIG\_373\_length\_749\_cov\_11.609325

TACCGTCACACTGGCTTGCCTGGCTACGCAAGCGATCACGTGTCCACCGCCTTGT  
ATTCTTTGATACGCATCGTATGGCCTATACAGTCCAGCTGGAGGGGCCACGCGTGC  
GTGGGGGAACACTTTCTCGGTGCCAAGTTGCAGATGAGACGCCAGGCATCATGA  
ATTCTGGCCATCGAACCGTCGTGCTGGTCAGTGCAGACCCACCAGCTACCTGGTAG  
GTCTAAGCTTGAACGGCGTGCATCAATTCTGCCGACTGCTCACCTCCGGACG  
CTGCAGTTGCCGCGCAGACATTGAGCTAACCAACCACCGCCATGCAACCTAATGCCGTT  
GATGCGCAGGCCTGGCTGGCAATGCAACTCCTGTTCAAGACTGACCGTAAGAG  
GTTCAAGCTGCGCTATGTATGGCTATGGCTGCGATTGCCCTAGGCCAGCT  
CGTCACGATTGAAGATGAAGACGGGTCTGGACCGCTACGCCCTATGGCTTATCT  
GACGCGTAAACCGCTAACATTGGTTCTGCAAGATCCCCGTTCTGCCGATTAG  
TGACTGGAACGAAGGTGATCAACTCTGGATCCTGGATTCGTGGCTATGCCAAGGCA  
TCACCGACGCCTGGCAAAGCACTACGGCACCGCTGCGCCCTACTCAAGCAAGC  
GCATCGCTTGGTGCAGATAAGACGGCGCTATGCTGGAAACCAAGACTCACACAC  
TTCGCAAAGA

>CONTIG\_374\_length\_746\_cov\_63.038772

TGCCGAACCTGCGCAGCCAGGCGTACAGGCTGTGCGTCGTGACACCCAGCCGCCG  
GCGACTTCTGCCACCTTGAACCCACGATCAGTCAGTCACTGCGGACCGCCTCGATTTG  
AACTCATCCGTATACCGCTTGCTGCTCATAGACACCTCCGAATCGACCATTTCAT

GGCCTTGAGATGTCTAGGAAACCTGGCGTATCAGCCCTCCCTGGTCAATCCCTG  
TTTGTCAAGCCCTACGCAATCCATGCGAAAGACGAAGGCAGTCAGTACGGGAAGT  
GAATATTGGCAGCGATGCCAACGCTCTGGTGCCTCATCCAGTCATTAGCGC  
GATGTCCAGCTCCGCGATGAGTGTCCATTGGTGGCTTCGTATGGCATG  
AAAAGCCAGTTGAAAAATTCTGCATGACGAAATTCCCTGGCGGCTGATAGCAGAGC  
GGGTAGCAGCACCGATGCAAGTCACGTGGCGTCAGTGATTGGCGAGCGAAGC  
AAGGAGATCAAAAAAAGCGAAGAATGGACAATGCAGGATAGGCCGGGGCCGGTG  
AACTGTGCGCACAGTTAGTCACAGGGTTTTTACCTGAGTTGACCGCGATCC  
GACGTCCCCCCCACCCTGAGTAGTGGCTGGTTAGAGTCGGGGTAATGATATCGG  
TGTTGCCAGATGTTGGCATAAGCAGCCGGGTATGCCGCCATGCCCTCTTGG  
GTCGGTCCTCG

>CONTIG\_375\_length\_742\_cov\_0.417886

CGGGCTGTCATCGGCAGCCACAACAGACCAAGTGCGCCACAGCCGGACCGGAATAGT  
GACAGCCGAACGGCTGTACCGTTGGCACGCTCGTGGAAAGCCATCCACGATGGCGA  
AATCCGACTTGATTTGACGTGCCACAAATGGTGAGTCACCTCGCTGTCTTC  
ATTGGGGTTCGTCGAGGGACGCGATTCAACATCTGTGGCTGAGGCTGCCATGCG  
CTTAGAAAAGCAAAGATTCTGCAAAGGTTCAGCTCTAAATCGAGCAAGGCCG  
TACCGCGGAGGTTGAACCTAACGCGAGCCATTTTCTCTCCCTCTTCCCTCTTCC  
TCCCTCTCCTTCCCTCTCTCCCTCTCTCCCTCTCTCCCTCTCCCTCTCCCT  
CCTTTTCCCTCCCTTTCTCCCTCTCTCCCTCTCTCCCTCTCTCCCTCTCC  
TCTCCCTCCCTTCCCTCTTCCCTCTCCCTCTCTCCCTCTTCTGAGCAGCC  
GCACCTTGCCCAGCTGGCGGGCGATCAGCGTCGGCGCCGGCTGGCTGGTGA  
ATGGCGACATCGAAGCCTCTTCCACCATGTCGACCAAGCGGGTGGACAGCGACAG  
GTCGAGCTCCACCTGCGGGTAGCGCGCGAAAGCCCAGCAAGGCGGCCAGCC  
GCTCGATGCCGTAGCTCACCGCGCGTTGACGCCAGCACCCGGCCGGTTC

>CONTIG\_376\_length\_735\_cov\_386.195724

CGCAGCAGTCCACACTCGCAATCAACGTGCCGATTGCTGGGTGAAATCACCGAG  
ATAAAGACAACCGCCAGCAGACAAGCGAGTGAAATCGAGCGCGAGAAATCCACGA  
TCGAAGATCAAGTGGCCAGAGCCAAGTCCGACCGGCTGCAAACCATCACCTCACCC  
TTGAGCGGCACCGTTGCAGCGATCTATGCATCCAAAGGTAGCGTATCGGCACCGAC  
TCGATCATTGCGTCAATCACCCCAAGCGAGTCGGTGGTGAAGCTGAAATCCTCATT  
CCTCAAGAGCCATCGGACATGTGACGGTCGGCACCGAGGTGCTGCTAACATCGC  
CGCATTCCCGAAAGCAAATATGGCGCCATCCAGGGCGCATCGCATCGCTGTCAA  
CCCAAACCAGCCCCCTGGCGAGTTGGAGCGCCGCTATGGTCGCCAGTCGCCACCG  
AGCCGGTTACACCGCAAAGTCGCATTGCCTCCAGACCATGGCGTCGCCAAG  
AAGCGAAGTCCTCCTGCCGGGATGGAGGTGGACCGAGACTGATCTGGAGGGC  
CGCAAGATCTGGAGTGGATTTGACCCCTCAAACCATGGGATCGCGCTGACG  
GGTAAAAGCGATGAAGGACGTCTGACACCATCCGCCAATGGCGATGCCGAGCCG

GATCGCTCTGCTGAACCAAGCCTGGTGTTCATCAAAGGCCGTGCCGCATATC  
CG

>CONTIG\_377\_length\_730\_cov\_0.611940

GCGCTCGGCATCGGCCAGGATGGTCGACGGCGCTCGGCAGTCGCTGCCGGACCA  
CAGCGTTCCGACGCTCGGGCACGGTTGCCATCGGACTGCCGCGCTCACGGCGA  
CACCGGGCTTGCGCGCGGACCGGGCTGCCATCGGACTGCCGCGCTCACGGCGA  
CCACCGCCACTGCTGCTGCCGCTCGCGAAGCGCCACCCGGGCACTACGGCCACC  
GCCCGCGACGCTGTTCTCGGCTGCACGCTGTTCGCGCGCTCACGGAAAATGGTGCC  
CACGCTGCCAGCGTCGTCGGCTTCGCCCTCCACCGGCACGCGTGCAC  
ACCGGGCAACGGGATCAGCAGCTCGGAGGTCACCGGCTGACCGGGATCTTCTGCG  
CGATGTAGGCCTCGATGTCCGGCAGGCTCATCGCATAGCGCTCGCAGGCGAAGCTG  
ATCGCATCGCCTCTCGCCCAGACGCGGGTACGGCCATGCGGTACGTAGTCT  
TCCGTATCGAAGGGTAGGTCGTAGTTGTAGACGTACTTGACGCCGATATGCAGG  
CCCGTGGGCCACGTGGTGGCGACCAAGGATTGAGCTGGCCCTCTGGAAGCG  
GTTGAGCAGCGACTCGCGCTTCTCGGGCACATGCCGGACAACACGCCGACCCG  
GTAGCCATGACGCTCAAGGGTGCACGCGCTCGACGAACGCCCTGGTG

>CONTIG\_378\_length\_725\_cov\_0.811037

TTTTGTCCCCGATCTCGTGCAGGCCTGCCGGCCTCTCCCCATGCTGAGATGGGTGA  
AGTCTGCACTAGCGCCGACCGTGCCTACCGCTATCTGGAGGAGAGAATGGCTT  
GCGGTGTAGGCGCGTGCTACGCCCTGCGTCGGTATGCCGAAACCCGATCACC  
AGTTTCGGGTGTGCTCGACGGTCCCCTGCTCGCGGCCAGGAGGTTCTGCTATGAC  
TAGATTGACCGTGTCCCTCCGGGCCTGAACCTTAAGAACCCGATCATGCCGCCAG  
CGGGTGTGTTGGGTTGGCGCCGAGTATGCGGAGTACTACGACCTGTCGGTGTGG  
GTCGATCATGGTCAAGGCAGCACCCCTGAGCCTCGCCGTGGCAATCCGGTTATTG  
GGTGGCTGAAACCCAGGGAGGCATGCTCAACGCCATGCCCTGCAAAATCCTGGCC  
TCGACGTCGTATGCCGAGAAGCTGCCGTGGTGGCTGAGCACTCCGGACCTGC  
CCATCATCGCAAACGTCGCCGGTTACACCACCGAGGACTACGTAGGGTCTGCGAG  
GTCATCTCGACGGCCCCAATGTGGCCGCTGTGGAGATTAACATCTTGTCCAAC  
GTCAAGCGCGGTGGAATTACTTCGGCACTAATGCGACCGCAGCCATGACCTGAC  
GCAGGCCGTCGCGACCGCTAGTGTGCCGTACGTCAAGT

>CONTIG\_379\_length\_720\_cov\_58.812816

CGTCGACCGCTTCGCGCTGGTACCGCGGGTGGTGCAGCCATGTGTGGGTG  
CTGCTTTGTGGGTTGCGTAACGCCACGTTACAGCAAAACGCCACGTCGAAAGC  
CTAGGGCGTTGTGGGTTATTGACGGTGCCTACGCCGCGTGCACGTCGAGTTG  
CTTATCGGCTCGGTGCGGTATCTGTTCTGGCAATGCCAGGGACCATACGGC  
CCAAGGGTGGACTTCTTGGCTGTGGCAGTCATTGGTATATTCAAACGATA  
CGCAACGGGATGCCGGCTCGATGAGTAGTTGAATGCGTAGCCGGTACGACACAG

CATTCCACCAAGCGTCAACTGAGAAACGGCTAGCTGCCGCGCATCAGGTGCGCT  
AATTCTGGTTGAGTGGTTAACGCTGCGTACCGGCTCGGCCTGCCACCCACCTTA  
GCTCGAATTATGTCGATCAGCGAAACGGCTAGCTGGACTTAACCTTGCTGCCA  
GATTCACCGGGCTCTGATGAGAATAGCGATACACGTTACGGCGTACCTTGAAA  
TACTGTCCAGGCAGTCCGAGTGGCTGCCGCTTGTCTCGATCTACGATCGCCC  
ACTGCGACGACACGTAGGCCAGCCCAGGCCATCCAGTCGGTCGACGGGCCACCG  
GTCGCATCGGTGGCGGATCGCTATCGATCGCCG

>CONTIG\_380\_length\_719\_cov\_123.646959

CCATGTGGGTCGTTGCTCTCGCTGCCAGGGCGCCGCTCGCTTAAGTACGCGCCTG  
ACACTTACCAAGCGCCTGCCGTGCTGCCGGACCTACGGATGTACGGCCGCGCGCCTGC  
GCACCGGAAGCGCCAGTCCTACTACGTCGACCACTACCGCCAGCACGTCGAGCGC  
AACACGGCGGAAGGCCACGGTGTGCCAGCCTATTACTTCCCACACCG  
CCAAGCATCTGGCAGCTGCCAGTGGCGCGTCTTCTAGGAGTTACACACATGAAA  
CAGTTGAAGTCCACAGTCCCCACACGGCAGGACGGAAGTACTAGACGAAGGGTT  
GGCCTTGTCTATGGTTCGACCGCGACTGATTCCCTGCTTATTCAATGGTGTCTGAG  
GGCAGGTCGTTCGATTCTGACGGTTCTTGGTGCCTGGCGACGTTGCG  
GATGTATGCCGTGAACATCGACCGCCTCAAGGCCAGGCCAAGCAGCTAGCAGCG  
ACGTTCGGCCGACGCACTCCGAAGCCCTCGACGAGTTGGCCCGTCAGCGCGGCTA  
CTCGAACTGGTCCCACCTTATGAAATCCACCGACACAAGTCATGAAACTCGCAGA  
CCTTAACATAGCAATTGTGCTGGCCCTGTGCTACTAACCAAGCGGTTAGCGAGAG  
CGTCTCCGGCCTCTGGTTAGCGTCAAACCGCTCAAGCC

>CONTIG\_381\_length\_719\_cov\_63.822635

CTGTTCCGTCGTTGAAAGGCTACGCCGGATTTCTCGCGCTCGAGAACAGCTAGAT  
GTCATGTCCTGGATTCTCAGCTCGCTAGTCGTTGATGGGCTCGGATGTGTT  
AACAGGCCCTAACGTTAGTCAGCCCAGGCCTCGTCATCTCCGCCCTTCACTAACGGTG  
GGATTGCAAGTAAAGGATCGTCCGAGCGGGCTCGTACGGCATGTACAAGCTGGTA  
CTCAATGAAGTTAGGTCGGAAGCCGACACGCCCTGGTCGCTGGCACTTCTGCTACC  
CGACGCCGTACTCAACGATTGCCAACAGCCTCGATCTGAACCCGCCAACGCCA  
TAGTTATGGCTCGAGATATCTACGAAATCCTGGGCCCGACTCTGCATCACGCA  
CTTGTGTTGCTTATGCCGGTTGGAGACTCCTGAGGACCAAACGACGCCATT  
CAATTGACTCACGAATAGGCGCGCTTACTCATCCGGCGTTCTACGCTGAAAGCGA  
CCCACATGCTCTCAGCACTGAGTCTAGATGCACGTTGACAGCACTGCCAACGCC  
CAAAGACCTTTGATCGATCCACGTCCACCAATTGAGTAGCGCCCGAGTTG  
GAGTCCAATTCCCTACCCGAGGAGATTGGACGTGAAGAACGCGCTTACCGAGGAA  
CAGATCATTGGCTTCCTCGCGAACGCCAACGCC

>CONTIG\_382\_length\_705\_cov\_20.470588

GTGCTCCTATGGGAGACTTGTGGAAAATAGCAAAATATAAGAGCAGAGCTACCG  
TTGACCTCCAACCGAGTAGCTGCCACGAAACAGTTCAAACGAATTCAATATTAC  
GTAGATGCGCTAACGGCCTCAACTCGAAGACCGAATTAGCTGAACCAACGC  
GTATCGAGACCTAAAAGCCAATCCGGCGTAATTGTTCTGGTCAGTTGAGTGTT  
GTTACTCTCACTGCACCATCCCACGAATTATCTAACCTACAAGCTCCTGCCAAGTA  
TCGTTATGTGCTAAACCAGGGCCATCAGCTAAGAAAACAATTCTAAAGCGGTGCTTA  
TGTCTAGGCAAAATGTTCTGCCTTGAGACCTTATCCGCGTTCCCTCCGTTGAT  
CATCAGACTGTGCCCTCCCCGGGTCGCGTCATATCGGGCAAATCCAACAGCGCATA  
TTACCCCCATCACTATCTCAATTATAAAATCGCAAGGAAAGTCCCTCATAGGTAT  
CATAAACCGTTCTAGCTCGATATCCCTCCCTGCACCACCGCGCCCTCGTATGGTGA  
ATCTCCCATCGAAATACCCATTAAACCAATCGAAGAACATTCCAGTAAGCATATATC  
CAGATTGGCCCGAGTGTCAATTACCTACCAACGCTGCCAGCGCGGTTCCCTCCA  
ACGGAGTGAAGCCATTAAACTG

>CONTIG\_383\_length\_705\_cov\_14.674740

GTGCTCCTATGGGAGACTTGTGGAAAATAGCAAAATATAAGAGCAGAGCTACCG  
TTGACCTCCAACCGAGTAGCTGCCACGAAACAGTTCAAACGAATTCAATATTAC  
GTAGATGCGCTAACCTGCCTCAACTCGGAGGTTGAATTGGCTGAACCTCAGACAGGCG  
TATCGAGACCTGAAAGCCAACCCGGCGTAATTGTTCTGGTCAGTTGAGGTTG  
TCACTCTCACTGCACCGTCCCACGAATTATCTAACCTACAAGCTCCTGCCAAGTAT  
CGTTATGTGCTAAACCAGGGCCATCAGCTAAGAAAACAATTCTAAAGCGGTGCTTAT  
GTTCTAGGCAAAATATTCTGCCTTGAGACCTTATCCGCGTTCCCTCCGTTGATC  
ATCAGACTGTGCCCTCCCCGGGTCGCGTCATATCGGGCAAATCCAACAGCGCATAT  
TACCCCCATCACTATCTCAATTGTAATCGCAAGGAAATCCCTCATAGGTATC  
ATAAACCGTCCTAGCTCGATATCCCTCCCTGCACCACCGCGCCCTCGTATGGTGA  
TCTCCAGCGAAATACCCATTAAACCAATCGAAGAACATTCCAGTAAGCATATATCC  
AGATTGGCCCGAGTGTCAATTACCTACCAACGCTGCCAGCGCGGTTCCCTCCA  
CGGAGTGAAGCCATTAAACTG

>CONTIG\_384\_length\_702\_cov\_1.053913

GCCTTGGCATTGCCGCCGTAGACATAGAACACACGTTCTGTCCGTGCCGGCAGCACG  
CTGGGCAGCTGCACCCACAGCACCGCCAGCTCATTGACGCTGTCGAAGCGCTCGAT  
GCTGAACCTCAGCGGCGTCTGTCGCCCCGCGATCACCGCAGGTCAAGAGCCGTC  
CTCCTGGCCCGCGTGAATCGAAGTTGCCCGAGTGCAGGCGCACGGCCACCGTCA  
CATTGCTCGCGGCCCTTGGTTGAGGCCCTGTGCCAGGGTGTGAGCGTGATCTT  
GGCGCGCTCGCTCCATTGCCGTTCCACCAGGCATGGCGGTGGAGGGCAGCAGCG  
CGGCAATGCCAGGCCAGGGAGGAATCAGGGCGTTCTCATGCTTGAGGTCCGG  
TTTTCTCAAATCGAGGTTCACTGGCCGCCAACGCCAGGAATCGAGCAGCAGAT  
TGCGGCGTTGCCGGTTTCCCTCTCGGGCGTCACGCCGCCAGGCACGCTGATGGCAACGTCCG  
CGGTGCAGTCGGCTCGTCACCGGCACGGCACAGGCACGCTGATGGCAACGTCCG

CCGTGGCGCCGGAGCGGGTGCCGACACCTGGATGTCGTTGGCATTGACCAGCCGTT  
CCGCACCGAGGAAGGCTGCCCTGGAACGGATGCCCGCCTCACCGGCGTTGATTTC  
ACCGGTGGCGCGTACAGATC

>CONTIG\_385\_length\_701\_cov\_0.898955

TGCTTAGCATCACACACCTCGACACGGACGGTACAAGCCGGTACCAGAATATCAA  
CTGGTTACCCATCGACTACGCCTGTCGGCCTGCCCTAGGACCCGACTCACCCAGGG  
CAGACAAACTTGACCCCTGGAACCCCTGGATAATCGGCGGACGGATTCCCACCCGT  
CACACGCTACTCATGCCTGCATTCTCACTCGCATCAACTCCACCACACAGTCACCCG  
GCAGCTTCACCACTGACACGACGCTCCCCCTACCCAACCACACAGGTTGCCACAGCTT  
CGGCGGATAACTTAAGCCCCGCTACATTATCGGCGGAAATCACTGACCAGTGAG  
CTATTACGCACTCTTCAAGGATGGCTGCTCCAAGCCAACCTCCTGGTTGTCTACGC  
AACTCCACATCCTTCCACTGAGTCACCACTAGGGGCCTAGCTGATGATCTGGG  
CTGTTCCCTCTCGACGACGAAGCTTATCCCCCGCCGTCACTGCCACGCTACACTT  
GCCAGCATTGGAGTTGGCTGATTCGTAAGCCATAAGCCCCTAGACCATCCA  
GTGCTCTACCTCCAACAAGAACGACGCAACGCTGCACCTAAATGCATTCGGGGAG  
AACCAGCTATCACGGTGGTATTGGCCTTCACCCATCCACAACTCATCCCCTCC  
ATTTCAACTGAAGTGGG

>CONTIG\_386\_length\_701\_cov\_0.517422

AGGGGGGAGAGGAAAGAGGAAAAGGAAAGGGAAAGAGAAAGAAGAAAGGGGAGGA  
AGAAAGAAGAGGGAGAAAAGGAGGGAGGGAAAGAAAGGGAAAAGAGGGAGGAAGGG  
GGAGGAAAGGAAAGGGAAAGGGAGGGAGGGAGGGAGGAAGGGGGAGGAAAAGGAAG  
GGGAGGAAGAAAGAGAAGGGAAAAAGAAAAGAAAAGAAGAGGGAGGGAGGGAGGAAG  
AAGGAAAAAGAAGAGGGAGAGAGGGGAGGGAGGGAGGGAGGGAGGGAGGGAG  
AGAGAGAAGAAAGGGAGAAGGGGAGAAGAGAGAGGGAGGGAGGGAGGGAGGGAG  
GAGGAGGGGACACGAAGCCGGAGCGGGCGCGAGTTCTATCTGGAATACGGCGA  
TTTCGATTACGCGGTGACCGTGCCGGAGGGCTTCTGGTCGCCGGTCCGGCGCGCT  
GACCAATCCGGCCGAGGTGCTCAGCCGACCGAGCAGCAACGCCCTGGAACAGGCGC  
GCGCAGCGATCGCACGGTGTGATCCGACGCCGACGAAGTGACTGCACGTGCG  
GCCATGCCGACGGCAAGGGACGCAGACCTGGCGCTCCATGGACCAACACGCG  
TGATGTAGCGTTGCCGCCTGCCCGCTTTGTGGACGCCGCGTATCAAGCT  
GCCCGATGGCAAGCAGTCGCTGGCGATGTCGGTGTATCCG

>CONTIG\_387\_length\_700\_cov\_10.891798

GATCAATCTGCTGGACCAGCCGCCGAGCACGGCGTCCTGACGATCAGCTGC  
CCTGCATGAATACATTGGACATCAGCCGGCAACGGCTGCTCAATCACTGGTCG  
GGACGCACCTGGGACCATCGACCGCCGAATCTGCCAGACGCACGGGCCTTC  
AATGGCGAGCTAGTGACGGGCCAGTCGCTGCGCACCCGGCAAGTGAGACGACCC  
AAATCGTTGTAAGCACTCGCACTCGAGTAGCTAGGGCAGCTTTAGCTGAG

CGTTTCGCATGGTGGCCGCAGGTCGCGAGATGGCCCAGTGTCCTAGCTTACG  
AAACACGGTGAGCTGCGTGCCTGAGACTAGTCAGCGAAATGCTGTGAGCGCGA  
GCACTTCTGTGAGCGGACTCTTATGGCATGAAAAAGTTAGCGCTCGGCAAAGAGT  
GAGGGCGATTGGCAAAATTGCACGCCAGCAGCATGCAGCCCTTGGCGCCTCAA  
CCACCGGCATGGGAGTAGCGCATCACTACTCTCCACCAGCGCTGGCCTCTGAAGG  
GAATCTTGGCTCGCTGTCGGACCGCAAGGACAGGCCTCTCGCTGGCGC  
TTGTTGCGGCCCTCGCTGTGCGCCGCTGCGCGGTGCTCGCTCGGGTGCAGG  
GCCGGACGCTCGCCTGTC

>CONTIG\_388\_length\_684\_cov\_1.193896

CATGCTCCAGCCCGACCGGACGGCAAAGCGATCTGGCGTGCAACGGTGACCAGCT  
CAAGCGGCTGGTAACATGACTTACGTTACTGCGGCTCTGCCGGCCCTGATCTGGG  
AGGCTGGTGAGCGGCCGGCGCATACGCCGGGACGGTCTGTTGAAGCAGGCCAA  
GGTGCCGATGCAGCCGGCAGAGTGCGCCGGACTTGCTGACTCGGCCATGCAGGA  
CACCGCCGATGATCGAGCCAATCCGCCGTGGAATCGAACGCCCTCGTTGAGCACAC  
AACCCGTAGCGAAAAACCGGCCGGACATGATGGATGAAGTGTGGCAATGATTGGG  
GCACCAGATCCGCCGAAGGCCATGACCAAGGAAGTCATCGTCTCAGCCAATGCC  
TGAAGCTCCCGAAAGCCACACCAGGTGAGCGAGTCCGCCAGCGAAAAAAAATC  
CAATGTCGACCAGTACCCAACCATCCAGGGACGAGTCGAATGGCACCTCAACTCAA  
ATGTCAGCTGATCATTTGTGACATGGCTGCAGCAGGCATTGCATCGGCCGACTC  
GTCATCAACGACGCTAAGGCCTGGTGCATATCGTGGCGATGCCGTATCTGGTA  
AGCCCAGGTGTGTTCAGCGCTATGCGCAAGAACATCCTCAAATCGCTGACTATGCC  
AAGCGTGA

>CONTIG\_389\_length\_684\_cov\_0.649910

AGTCCACGGTGGGGCGAAGAGGTCGTAATGATCGCGTTCTCTGTCGCTGCG  
CATTCCGTTGGCGCGCGCGTGGCAGCAACGGTTGCCAGCGGTTACGTCCGTCG  
TGAAAGGGCGTGCAGCAACTGATCCGATAGCTGCTCATCCTCACCCAGGTGTTGTA  
GGTAATCGTAGTGCCTCGTGCACTCGTGTGAGCATCTGCCAGCGCGGCC  
ACTCGTCCGGAGTGAAGTGCAGCATGTGCCAGGATCAATTGCGATACGAACCTTA  
GGATCTGGGAGAGCCGCGCGTGCACGAAGCGGTGGCCGGTGAACATGGCCGCGTTG  
GCATGCACTAGCCAGACACACACTTCGCTCTCCGTCTTTCTTTCCCTCTTC  
TTCTTTCT  
TCCTTTCT  
TTCCCT  
CT  
TCCCCCTCTCCCTCTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT

>CONTIG\_390\_length\_674\_cov\_0.252285

CTCCTCCCTTCCTCCTTCTCTTTCCCTCTCTTTCTTCCCTTCCCTTCCTC  
CCCTCCTCCTCTCCTCCCTCTCTTTCCCTCCTTCTCCTCCTCTCTTCTCCC  
TCCCCCTTTCTCTTCCCCCTCCCCCTCTTTCTCCTCCTCTCTTCTCCC  
TCTCCTCCTCCTCTCCCTCCCTCTCCTCCTCCTCTCTTCCCTCTCTTCC  
TCCTTTCTCTCTCCCTCTCCTCCTGCTCTGGAGCTGCCGTACCGCG  
TGCCGCCCTCTCTCTTCCCTTGCAGTGTGCCCTCAGTGTGGCGCGGA  
AGCCTGCGTTCAACCTAACAGTCGAAGCTGTCCGTCCAGAGAATCAAGCC  
CTCTCCCTGCCGGAGAGGGTTGGGTGAGGGTACGAGCGAAGCCTGGTCAATTG  
AACAGTGCAGAGAGCTCGCCCGACCCTCATCCGCCCCCTCGGGCACCTCTCCCG  
GTGGGAGAAGGGTGGCTCGATGAGATTACGAGCTGTTGCGCACCTCCTACTT  
CCGTTAGCGCTGCTCGTACCTTGATCGAACCGATATGACCGATCTACCGCATC  
CACCTGACGCACCTGGAAACGCTGGTGT

>CONTIG\_391\_length\_673\_cov\_0.635531

GGTGGAAAGAACACACCAAGGCCAGTGCTCTATAAGGCCCTGGACGCCG  
ACATCACCGACCTGCTGCCGTAGACCCGGACCACGCCCTGGCCGCCAGTACTGG  
AACGACATCAGCTACGCCAACAGGGCGCTGCCTGTCGATCTGCCACTGTGCC  
AAGGGCGTGCCTGCCTGGCGTTCTGGCAGCTGCAAGACCTCAGGCCACCCGCC  
CTACATCCGCTGGTGGATCGAGCAGCGTCAGGTGGCTACGGCGATTCCGGCG  
GCATCTCCGACGATTGGACCTGGTGCAGCAATGGCCCGTGCCTGATGGC  
GTGGACCCGGACATGCTAACGCCATGCTGGCGCTGTCGATGCCAACTACCGC  
AACGGCATGTTACCAACGGCCTGTCCACCATCGAAACCGACGAGCTGCATCGTA  
TGAGGAGGGCATCAACCTAACAGGCCCTGCTGTATCTCAACTGGGGCGACCCTT  
TCCTTCTCCCTCCTCTTCCCTTTGTTGACACCATTATCCAGGTCAACC  
CGCAAGGCCACCTGCTGTCGCCAGCAATGGGTTGGCGGCCACCGTCTACCGCG  
ATCCCAACTGGCAATGGCATAAGCCGTACTCCTCCCCATCGTGCACGTT

>CONTIG\_392\_length\_671\_cov\_12.042279

GAATTAAATTATTTAGGTATGCATCTATGAGGCTTGTGTTCTTTGTTTTCCA  
ATTTATATCTCCTGTAATTGCTTGGCTCAAGGCTGTCGCCAGGGCAGTATCAA  
ATTGGTGGCAGGGAGCTATCGATGTGCGCTATTCCCCAAGGAAGCTCTCAAGA  
AACTGCACCAGCACCTCGACCGCTGGAAAATGGATCAAAACCTGGGGGCTATTG  
CCATTGGATGGGTAGGCCCTATTCTTATTATGGTGTACCTGTAGGAAAGCTTCCA  
AATCCGATGCTGAATGGATGCTCTAGAGCGCTGCGCCAAGAAAGGCGCTAAAAAC  
TGCAGAAATAAGCTGACTTACTTAATCAATGCAGCGCTATAGCCGAACCGCAAAC  
AGTCGAAACTTGATACCTGACGGTAGTACGACAGTTTGTCGGCAATGCCTCTT  
AGATGGTGCAGCTAATCAAGCAGCGGAAGAATGCAAAGCTAAGAACAGAAACTTG  
ACGTAGGATGCAAGGTCAATTACAACGCCGTGCTCGAATCAATTATTCAAAAATATT  
GACGTCGCTAACTAAAATCGAACCTGATTAGCCCTGACCATCAGGCCGTGCGCA  
GGATCTGCGCCGCGCTGGGTGGATGCTGTCACCTGAAGCCAACG

>CONTIG\_393\_length\_671\_cov\_4.518382

CTACGGAACCCTGGCGTATCAAATTCTGATGCGAGAAAGGTATTGATTCATTGC  
ACACGCGGAGGGGCCAATCCGCCAGAGCTATTGGCTATGGCAACATCGGACGCGG  
CCGTGGAGACCGCATTAAAGGCCACCAGCCATTGTTGGCCAGACGAAGCATGGC  
TGGAGTGTATTCATAACAGCTTCCGCTTATCGTTATGGAGCAACCGTCCCTCGCT  
TTGGAAAGCCGAATCTGGATTATAAGCCTGCTATCTATCGTCATTGTCTGAACCAA  
CGCTGCACCGGAAACCAACAATCCCCAACGTTGGCTGGAGCTCAGATACTGGCG  
CGTGCTGAGCAACATCGCGATGTACTTGCCTCGCCCACCCATCCGCTTAGACAC  
CAACTGGCGGACTCACGGGAGCAACCGATATTCAAGGCCATTCGGCTAGCCTT  
GATCTGCGCAAAGTACGAACACGATGTATCTATAGTGTCTAGCCTGCTTGGCCAG  
GGACGAAATTGAACGACGCTCCGCAATAGAACATGCTCCTACGACGTCCCCC  
ACCCTGAGTAGTGGCTGGTTAGAGTCCGGGGTAATGATATCGGTGTTGCCAGA  
TGTTGGCATAACGAGCCGGTCATGCCGATGCCCTTGGGT

>CONTIG\_394\_length\_669\_cov\_19.610701

TGTCCGATGAGACGATCAAGCGTGCCTCACCCGATCAGAAGAGCTGACCAAGGAG  
CAATTGCAGACGCATGACTTTCCGGCCAGCGCGAACGGAACTGACCGTCAAGT  
CGAAGAAACGAGCGGTGCGATGCAGGAAGTCGCTCGCAAGATCTCAATCTGGAAA  
AGAAATACGCCAAGAACAAAGAACTGTTGAAGACCATTGAGCCGCTGCTGAG  
AAAGTATGTGTCAAATACACCTACCTCACCTACGAAAATGCCCTCTGGATGCAGAG  
GCGCAGGTCCAGGATGCCGCGCAGCAGTCCACACTCGCAATCACGTGCCGC  
ATTGTTGGGTGAAATCACCAGATAAAGACAACCGCCAGCAGACAAGCGAGTGA  
TAGAGCGTGAGAAATCCACGATCGAAGATCAAGTGGCCAGAGCCAAGTCAGACCG  
CTGCAAACCATCACCTCACCTTGAGCGGCACCGTTGCAGCGATCTATGCATCC  
GGTCAGCGCATTGGCACCGATTGATCATTGCATCCATACCCCAAGCGAGTCGGT  
TTCGAAGCTGAAATCCTATTCCCTCAAGAGCCATCGGACATGTGACGGTCGGCACC  
GAGGTGCTGCTAACATGCCGATTCCGAAAGCAAAATATGGCGCCA

>CONTIG\_395\_length\_664\_cov\_49.452514

TGAAGATTGTTGACCGCCGACGTTCGCCGTGCTGCTCGTTGGCACCTGGCGCG  
CCTGGCCGACGTACTCGCCACTTGGCGCGCTGCTGCTGCGAACGTCGACCGCG  
CTTGGCGACACGGGGAGACAGCCGCTCTGGCTGCGGGTGGCACATATGCC  
GGCGTAGACGTGGCTGCGCTGTGGCAACGGGTTCGCATTGGCAGTGGCTGTAGCG  
TTGTCATTGAGCGCGCTGGTATGGCAGGCAGTGGGGTGCAGTCTGCGCGTTGGCA  
GCGCCGGCAGTCAGCAGTAACAGGGGCAGGATGTGCGTCTCATGGTTGCATAGT  
GTTTGCACTCGTAGGCAAAAATTAGGGGGCGCTACCGATGTGCGCGCTGCCAATGA  
AGTCAGTGATGAACAAGCCAAGCGGGTTCACCAAGCTGACCTGGGGTCGGCGTG  
CTTGCTTGTGGTGAACGTGGAGGGTCCACGTGCGCCGCTTGTACCTGGCCCTGG  
TCGGTGAAGCTCGTTCCACCCACCGCACCTGGTAGCTGCGCCGACACGGGCACC

ACGGAGGTGACTTGCCTGGTACGGTTCTGGCCGACCTGCTCATGGTCGAACCC  
GGCACGCCGGCTCGGCATTGAGCTTGTGCTGAGGCCG

>CONTIG\_396\_length\_662\_cov\_38.104673

CGCGCGTCTGGATGGGTCAGGGCGGTGCTATACAGATCTAGGCCATGGCCTTGC  
TTGGTAGAACTGCATCTGCCAGTTAACCGCGCCTCCCGTCATGGTCCCCTCATA  
ATTGTTGCTCGGGTGGCGGTGGTCAGAGTTGTTGAGATGCAACGACCTGGATGAT  
GCGAAATGAGGGCGGGCGTTTATGAGCTGTTCGCGAACGGGTGGTTGATGTC  
GGCTGGCGAGATGGAGTTGACAAGATCAGGTCAAGTATTCCGGCTGGCCGAACATG  
CAGTCGTCCAGAACACGCCCTTGCAAAACGGGACGATCTACTCCGGCGCTTCTG  
ATGAGCTCTGGTGGTCCTGGCTGATCCTCAGCGGCTTGGAAATTCTCTGGAAGC  
GTTTGTGTGGTCCTGGCTTGACGATCATCGCGTTATCTCCGCTTGTGCA  
CCATGCTTCAGTGCTTCCAGCGTGGAGCGCTGATGCTTGGACTCTATGTGTC  
TATTTGGACTCCAAAGTCGGACGGTCTGGCAGGGTCAACGGTAGGCCATCGGT  
GCGCTTGCAGTAGCTATCGGTGAGCAGGTTGCAAGGATGAGCTGGAAAGACT  
GTCCTCCGGCGTGCAGCTGGTCAAAGTTCAAACACAC

>CONTIG\_397\_length\_661\_cov\_42.106742

CCGATCAACCCTGACCGCCTATGCGCTGCAATCTCGATCCGCCAACGCCAGAGCCA  
CTGTCTTCCAGATTCAGAAGAAAGCGTGTAGATCCCTGGGAGGCCTTCACCGAT  
TGCTCGGCAGCGGCACCGCCGCTCGATCGGCCAACGCCAAATACGGACCGAAATC  
CGGCCGATTGAAGAGCGCGCCCCCGGGGAAGGGTCCACGCTTGGCTGCCCGTG  
CCCATGTTGGATTGCGCAACATGTTGGCATTGATGTTGCTTCCACGACGGCCG  
TAAGCGCGGTGCTGTTGCCGTGGTTGATTGCCCTACCTGGAGCAGTGCAGACTCA  
GTGCATTGAGCGCCGCCGTGTCAGCTTCCAGCCACTGACGCGAGCCTGATCCACGGCAGTCACAC  
GCGCTGGCCCAGCGCCTGGTCACCACTGACGCGAGCCTGATCCACGGCAGTCACAC  
CTGCGGAGGTGCGCAAGAAGACCGATGCCGACGGCATGCGCGCCTCCACCGCCG  
ACTCGCTGCCCATCACCTCATTGCCAGACCGCCGCTCATCCACCGCAGTGACC  
CTTGCAGTCTCCAGACCGCCGGTCCGGAGGGCATGCCCTCACGGTACC  
GACGCCGTCCAAGGCCTGTCGCGTGGCACGTG

>CONTIG\_398\_length\_660\_cov\_19.885553

TTTATTGCTTACGCCAACATTGTTGCCATGCGATAGCATGCGATCGTGGCGGAT  
AACTTGGTGCACCTAGTCTATTACGCCACCGGAATGAATCGCGATGCCGACCTGC  
ATCAAGAAAGAGCGGTACATTACGTGGAGACTGTCGTAAGCTGATCCCAGC  
TGCGTAAAGCGGAGTTGGATGCGCTACATGAGCATGCCATTCAAGTACCTCTG  
TGCCTCGACAACCATTGCAAACACCGCAGCATCGCATATTGGCTATGCGATCAG  
CATCACCGATGACACGCACGGCATGCCATCAAAGCCTCACCCATGACGGGATCG  
ATCACGCTCACCAAGTGGTCAGACCGTTCTAAATCCGAATATCAACGTCAGGAAG  
CGGTGATCTGCGAGCGGGCAATCATCTAACGGCTACGTGGCGCAATGCCGCAAG

GACTGACGCCGTGCCACGCTTTTGCTACGCACTGGGGCGTGTGGGTGAGCAATG  
GGAATGGCAAGCCGGCCAGTCCAGACCCGCTTTGTCATCGGCACCAATAA  
CAAACACCGTGCCGGTTGCAGAGCTACGGTTCCACACTGCAATCGCGCAGGCAA  
GTCCTCGCGAACATCGCTGTGGCGTGCAACAACCGACG

>CONTIG\_399\_length\_658\_cov\_14.967985

CGCCAACCGACCCCCATGCACCTGGCGCTCCTTGGACAATGCAGCGCACCAAGACTA  
TTGCAGGCCTCAAGACTATGACGAGGAGAGCTACACCTCTACCATCCTAGGCAGGA  
ACAGCCATAGCGGCACCATTGCTCGCTGCCTTGAAGGTCAAACCTCGGGCACCAAC  
GCGGATTTCGGTTGGAACATTGGAAGAACGGTGGGGCAAATGCCGTTAAGC  
GAGACTGCCACAGGTGCTGATTTGCCTGGTCATAGGCCATGACGATGAGCAGCAGCA  
AAAGTTGCCATTTCAGGCCAAGAAATTAGACCCCTCCGAAGATGAGCGCCTTCTA  
TCTGTGCGAAGAGGACCCGAAGCACGTCGGATGGCATTCCAATTCACCATGTTA  
CTGGCATTCACCTGCCGGCTGATGCCAAGGCTGGACTCTCTGGCTATGAAGATT  
GCCGACGACGCGGACACGCTGGAGCAGCAGCACGACTCAAGTCCATGCCGTGGG  
GGACATAAGCATCCTCGTAAAGAGATCAGCTGGGTGCACTACATGGTCTATCACAA  
TGGATCCGCAACGACTCTCCCCCTAACCATCTAGACGAGGCATGCTTCTGAGCGA  
GGTCTACAAACATCGTCAGTATCGCATCGCCT

>CONTIG\_400\_length\_657\_cov\_3.115094

GAAGGAGTTGGCCAAGCTCCAGCGCCAGGCCAACCCGCCAAGCCCAAGCCGGCCA  
GGAAGCCGGCCGGTGCAGCGGGGCCACCGCCGCGAACATCCTGCCAGCGAT  
CGGGCGCAGCTGAAATTGCGCGGCCCTGCCGCGACCGCGCAGGGCAGCCACTCC  
CGGACAAGCCAGATGACGCCACTCTCCCTGACCCGCTAAAGCTGCCAGGAATCA  
ATCATGATCCTCGATAATCTCTCGCACATTGCCGGCATGACTGTGGTATGGT  
TTGGGCTGCTCCTGCAAAGCGCAAGGGCTGATTAGCGGTGATCGTGCTATGGG  
TACTCGCTGCTTCTATGCCGGTATGAGCGGGCTGTTGCTTATCCGCTATTCT  
TCACATGAGCAGCCGCGACGACCTGCTCAGGTGACAGCCGAGCGCAGCTCTGG  
CCGGCTTGGTGGAGCAGCACGAAGCCGGCTGCCGACTTCAGCGCGATCTGCAC  
CACGTGCTGTGCTGATGCCAGCTCGGGACCATGAGCCGGAGCCAAGTACATG  
GAAGCATGGCAGCGCCTGTACGCACTGATCGGCCGTGGTCACTGGCTATCGTCC  
ACATCCGAGAACTAGAGCAAGCCCAGGCCGATCAC

>CONTIG\_401\_length\_654\_cov\_0.639469

GACGATCGGGAAAGCGTTGTGCCATTGCGAACACTGGGTGAGTACATCCCACCTAG  
GACGCATACCCGCATGGCGCCCTTACCTGGATTGTGATTCCAACCTCGTCGATAA  
GTGAGTTCCAACACAGGAGTAAATCTGAAATTATCAATGATTGCCCTAGTGGAAATCC  
AGATGTCACTACAAGGAAGCGACAAAAGAAATCCTCACTATTAAATTACA  
GCCGCCCTGATACTGTCCGCATGCTTTAATCGCTTAAAGAACCTTCCGGCAG  
GTATCTCACTATTGGCGCCACACGTGACCTGCCGGAACTGCCTTACCGACGTAGA

TCGGAAGCATGAATTCCCATTGAAATTAAGTCGGGACACTTGTGCATAAGCACCAA  
AATCACCAGTGTAAATAATGGCATAAATGCCAGCACCACCAAAAGCAGATAGTCG  
GCCAGCTGATGAACCTCCTAGTCAGCAGATCCTCAGCAACACTCGCACACAAGTC  
TTTTGTCCAATGGGTTAACGGAATAACTTAGCAGTCATGCGCGCTTCTTTTT  
TTGTTCTTCTTCTTCCCTCTTAGTCCCAGCAATTGCAATTGTTCTGCCACAC  
TAGACGCTACCCGTTGCGCCAAGAT

>CONTIG\_402\_length\_652\_cov\_363.641905

CGTGATGCGATTACGGAAAGCTCCCTGTCAGTTGGATACCATCCATGCGAACAGC  
AACGTGCCGATCCGCATCTCAATCGTGAGGGCGTCGAGCTTACGACAGTCGCACC  
GATGCACGCATGCCGGCAAGCGATGGAAGAAAGCGCGAACGCGCGCTAAAG  
ATCCCGCTTCACCGAGCATCTCGAGAGGGCTGGCAAAAACAAGTCGATTGGCACC  
GTGACTTGCAGACCATGTGCAAGAGATCCCAGGAAATCCGATCCTGCTGCCAACAGCA  
AAATTGCTTGAGGAGCATGCCAAGCTCCGGTGAGCGATGTGGTGCTAGTCGCATG  
GAAGGCATTGCCACCATTGATGAACACTCGTGCAGGCCAGGTGCTCCGCCTGCACGCGTG  
CCTGTGCCGGAACCTGAAATCCCAGGCTGCGTCGCCGGATGACGGCAGGGCT  
CGCAGGTTGGCGTTGCCGCTACCGCCTACGACGCGTCGCAAACCGGAGAACGTG  
TTGGCACGCTCTTGGCACAAGACAACCTACCGCTGCCGCTCAGAAGCGCTGCACT  
TTGGTCCCCAGGGCGTGGCGGCTGGCGGGAGGTGCCGCCGCTGCCGTTGTT  
GGCACAAACGGCGCCGGGCCGCTCGCGCTGG

>CONTIG\_403\_length\_652\_cov\_13.636190

TAGACCGAACGGCGCACACGTGGGAGCTCAGCCTGAAGGCCTTGATTAGCTGAT  
GTCGTATAGTCTACTCATATGTTAAATGTAACACAACTAATCACCTGTCATCCC  
AATGCACACTTATTGGAAAAAAATAGCCTCATAGTTGAATTCTATGTGTAGATCTAA  
TCATACTCGGCTGGTATGCATTGCCAACAGCTGAATCATGTGTCGGCCGAAGCTC  
ATTGTTGGCCCCATGCCGGGAAAAGGCAAACACTGGACCGTACACATATCCCCCA  
AGATAGGTGACAGCCATGAAGACGAACCTCAAAGCAGCAATCCGGAGAACGCTAG  
GTCGCTGGCTTGGCAACGCCCTGGCGCTCATATGTCAGGTCAGCGCAGACTGACG  
ATATTCCCTCATCAAAGGGCGTCCAGTCGGAGCAGCGTAGCCTGTTGGTT  
GTGAAGGCCGAGCAGTCGCGGTACTGCTCTACACCGCATTCTGGCTACCCCTGTT  
TTAGTGTGCGGTGCTACTTGCTCGCGACTTGATACGCCAGGGTCCGTAGACA  
CTCAAGACCCCTCGTTGCCGTAGGCCGTTCAAACCTACAGGGGACAGGTGCGCA  
GTTGAACCGTGGCGACGGTTGGGGTTGTAG

>CONTIG\_404\_length\_652\_cov\_10.565714

GCGCAGCGCGCAATGTCAGCATGACCAACCTGCAAGTGGTCAACGCCATCCTTA  
CGTTGCCGAGCATGGCTGCAAATGGCGCGGCCTACCCAAAGCGCTTGGCAACTGGC  
ATACGGTCTACACACGCATGAACCGTTGGCCAAGGCAGGGTGTGCTGGACCGGATG  
TTCGCCAATTGCAAGTCCCAGATCGTGCATAAAATGCAAGCAGTCTCGCTG

GAATCCACCAGCGTCAAGGTCCATCCCGATGGCACGGGTGCATTAAAAAAACGGC  
CCGCAGGCCGTCGGCAAGTCCCAGCGGTGGATGGAACACCAAGATTATGGTTGC  
CGCAGATGCTCGAACAGCCATCACCTTGGATTGACGCCTGGCAACGTGCATGACGC  
ACCTGCAGGCCGCGCGTTGCTTGAACACCTCGGCCAGTGGAGCGGCCGATTCA  
GTTGATGGACCGTGCTTATGAAGGCAACGAAACCCGCCAGTGGCGCTCGATCTTGG  
CTTCGTTCCGGTGGTTCCACCGAAATCCAATCGGGTCGAGCCTGGAAATACAACCG  
GGAGATGTACAAGCGCGCAACGAAGTAGAGAGACTGTTCCGTCGCTGAAAGGCT  
ACCGCCGGATTTCTCGCGCTTCGAGAAGCT

>CONTIG\_405\_length\_650\_cov\_131.355641

CAATGTCTAGCGACACGTTCGGCATACTAGCCCGTTGACGGCCGACCAAGTGATC  
ATCCCGGAGAAGAACGGCACGAAGTCCGAACCATTCCACACATCGATCGTCAGCTT  
GTCCGTACCGGTGGTGTAGCACCTCTAGCCACAGCGTGCATCTGATTATCGA  
TTCCAGCGGGACGCCGTAGATTGAACCTTGGCGTTCAAACACTGCGCACCGCCCTG  
CGTCACACGATCGACATCGGGTCTCGTCAAACACGTAGGTTGATCCTGTACGTT  
GCCCTGTGCGTCGGGACGCTGCACCTCACAGTGACACCGGCCCGAATCTGCA  
GCGGGTTCATCGGATCACCCTGGTGTAGTTCTGCGTGTGGCGATGCGTCCAGACC  
GCCGACAAACGCCCTGGCTGTTGCGCCTGCACGGTATGTTCTGGATGGTCACCGT  
CGTCCCCGCGCGCTGCGGGTGTGCGGTCGTTAGGCCGCTGCAGCATCGTCGC  
GTCCTTACCGCGTCGGATGTCCTCGGCACGTTACCGTGCCTCGTAGTACTGCGA  
GACGGCACGGCCCTGGTCGCGCGTCGCCACCGCAGCCAGCGACTTGGTCATCA  
ACGCTTTCTGTATGGGTCTGTACG

>CONTIG\_406\_length\_650\_cov\_69.502868

CGATGACAGACCCATACGAAAAAGCGTTGATGACCAAGTCGCTGGCTGCCGGTGGC  
GACGCCCGACCAAGGGCCGTGCCGTCTCGCAGTACTACGAAGCGCACGGTAACGT  
CGCCGAGGACATCCGGCGCGTAAGGACGCGACGATGCTGCAAGCGGCCTACGACC  
GCACAGCACCCGCAGCGCGCCGGAGCGACCGTCAATATCCAGAACATGACGGTC  
CAGCGCAGCAGCCGAAGAGTTGTTGGCGGTCTTGAGCGCATGCCACACGCA  
GAACTACAACACGGTATCCGATGAACCCGCTGCAGATTGGCGGGCGCGTGTAC  
CGTCGAAGTGCAGCGCCGGACGCCGAGGGCGTGGCCAAGATCAAACATACGTCT  
TCGACGAACACCGAATGTCGATCTCGGTGACGCAAGGCGGTGCGCAGTTGGAAAC  
GCCAAAGTTCAAATCTACGGCGTCCCGCTGGAATCGATGAATCAGATCGCACGCC  
ATGGCTAGAGGTGCTGACCCCGACCGGTACGGACAAGCTGACGATCGATGTGTGGA  
ATGGTTCGGACTTCGTGCCGTCTCTCCGGATGATCACTGGTCGGCCGTCAACG  
CGGCTAGTATGCCGAACGTGTCGCTAGACATTG

>CONTIG\_407\_length\_649\_cov\_9.750958

GATTCGCATCGGATCCACAACCTCCTGCCGTGGCGTCCAACGGCAGGAAGTTGTGG  
ATCCGATGCGAACCTCCAAAGTCCGTTGCGACCATCGGATTGCGTGCATCCAAAAGA

CTGCTGTCGTTGGCATAACCAGCCCTATCCAACGCAGTGATCTCATGCGACACGGCG  
TATACTTCACCTGCCCATAGTGCCTACTTGCAGCACTCACGGCATCACCTGCCATC  
ACGTGATTGATTACGTCGTTGCCACCTCCGGAATGCGCCGGTCCAGGCTGACCGCA  
CCATAGGCAGTGAAGGTCTCTCCCTGAGGCCAAGTGGTGGGCAGTGACCTGGC  
GAGGTTGCCGCCAGAGAAATGACCGGTGACGGTACATCAGGAGCCGGTGGCCGG  
TCTTGAGGTGCTTGTGCGTACTTCAACGCATTCTGAGTCATTGACATCGC  
ATCGACCTGACGATTGTGACGTGCTGCAACCATGCCACCGTCAGCATAAGCACC  
CTGTTTCGGTTGACGATCAAACCTCGTACCGCGATGAGCGACGATAATTGCCGG  
TTCTATTTCTCGTAGATAATTCCCTGATAGCCGGACGGCGATCCATATATTCCAGA  
CGCCTGAACGAGACGCCGCCGA

>CONTIG\_408\_length\_648\_cov\_117.293666

TCCACACCGCGGATCTGGTCAAAGTGCTGGCGGTCTACCCGACCGAACGGCACCACC  
GGATTGTCGACGTCCAGCCGATGGTACTGGAAGCCACGACCACCGGTGTGCTGCT  
GGAACAGAGTCCGATCTACAAGGTGCCGTATCTGCGCTTGCAGGGCGGCCTGTCGG  
CGGTGGTGTGGACCCGGTCGTCGGCGACATCGGTGTGGCAATCTCGCCGAGCGC  
GACATCAGCACCGTGATCAGCACGCGAGCCGGCCGGCGCCTACAGCGCGC  
CTACAGCAGCGCCGACGCCCTATCTGGCGGATTCTCAACGCCGACCCGACGC  
AGTATGTGCGTTCGATCCTGAGGGCGGCATCGAGATCGTATCCACTGGCGACCTGA  
CGCTCTCCCGCCTGGCGACGCAAGTCTAACGGTCGGGGCGATCTGAGTCTACAA  
GTGACGGGCAACGTCACTATTGCTGCCGCTGCGACAACCTGGTCTGGCCCGGTGACA  
TTCTCCAATCCCCTAACGATGCCGAGGCGACCATTGGCGCGTGCCTCACCA  
CACAAACACTCGTTAGCGGCACCGGAACAAACAGCGGCACGCCGTACCTGACC  
TGATACCATAACGCCATGGCTACCACAAA

>CONTIG\_409\_length\_648\_cov\_63.982726

TCCACACCGCGGATCTGGTCAAAGTGCTGGCGGTCTACCCGACCGAACGGCACCACC  
GGATTGTCGACGTCCAGCCGATGGTACTGGAAGCCACGACCACCGGTGTGCTGCT  
GGAACAGAGTCCGATTACAAGGTGCCCTATTGCGCTCGCAGGGTGGCCTATCGGC  
GGTGGTGTGGACCCGGTCGTCGGCGACATTGGTGTGCGATCTCGCCGACGCGA  
CATCAGCACCGTGATCAGCACGCGAGCCGGCTGGTGCCTACAGCGCGC  
ACAGTAGCGCCGACGCCCTATTGGCGGATTCTCAACGCCGATCCGACGCAAT  
ATGTGCGCTTCGATCCCAGGGCGGATCGAGATCGTATCTACTGGCGACCTGACGC  
TCTCCGCGCCTGGCGACCGACCCCTGACGGTGGCGGCAAGCTCACCATGCAGGTT  
ACCGGCGCCGTACGATTGCGCAGTCGACGAGCTGGCGGGCCCTGTGTCATT  
TCGAACCCGGTGACGATGCCGAGGCGACCATTGGCGCGTGCCTCACCA  
CAAACACTCGTTAGCGGCACCGGAACAAACAGCGGCACGCCGTACCTGACCTG  
ATACCATAACGCCATGGCTACCACAAA

>CONTIG\_410\_length\_647\_cov\_30.751923

CTTGCCTGGTGACGGTTCTGGCCGACCTGCTCATGGTCGAACCCGGCACGCCGG  
CTTCGGCATTGAGCTTGTGCTGAGGCCGGCATGAAGCTGTAGGCCTCGCTCC  
ATGCCGACTTCACCACCACCGATCAAGCGGCACGGTGCACCCAGCTCCACCAA  
TGTTGAGGAAGTAGCGAATCTCGCTTGGCGGGCGTAGTTGGACTCGCATAG  
CCCACGACCTGGGGGCCATCGGTGTTGATGCGCGCAATGAGTGGCTCGCG  
TGGCCGATTGGTCACGGCAATGAGGCCGCCAGCAGCACCGACAACCGTAGC  
CGCCCACCGCTGCCAGCGCCATGCGCGTTGTCGCTCTCGATTCTAACTTGT  
GGTCCAGCCTTGCACCGCTGAATCGTGGTGTGGGACATGGCGCCGAGCTGG  
GCTGGCCGACGGCGTTGCAGTAGGTCTTGGTGTGCTCATGCGTGTAGCTCTC  
GTCGTTGGTGGGGCAATCGTCGGTTCCACTACCGCCACTGCTGGTGGTGTGG  
TCCTTCACAGCCGTGGTTGTTGGCGACCGTTGCTCGCTGAATCGCTGC  
CTGCCCGCTCCAGCCGTTCCG

>CONTIG\_411\_length\_645\_cov\_16.563707

AGATGACCCAATTGCCATTGCCCTGTTGCTGACGGGTGTACGCACAGCGAAC  
TACGTTGCCACGCCGACCAATTGATCTGGAACAAAGGTTGTGGATCATCCGG  
TGATGTCGCTCAAACAGCGCAAGATGCTGACCAAGAAGAAACGAAAGCGCGTA  
GACATCCCGCCCTACATCGTGCCTGCCTGTGCAAGCCATCGAGATCGTGC  
GGCAC  
ATGCTCGACCTATTCAAACCCAGCGCAGACCTACCTTCCGGCGTAGCGAATC  
AGTGCCGCATGAGCAAAACACGGTCAACCGTGCATCAAGCGGCTGGCTATGA  
CGGCGTCTCACTGGTATGGCATCCGGCGACGATTCAACTGCAC  
TAATGATGAATT  
GGGCTATCAAAGGTATGGTCGACGCGCAACTCTCACATGCTGACCC  
AATCGCATT  
CAGCGCCACCTACAACCAGCGAGTACGTTGAACAGCGTGGCTAATGATGC  
AGG  
ACTGGGCCGATCGGCTGGATCTGTTGAGCAAATCAGGTTCAGATTGCCAG  
ACGC  
ACCTCACC  
ATCCACCTTCAGGGCGTTCCACGATTGCCGGTCAGAAGGT  
CACGCC  
TGCCGGCGTTGGCCAACACG

>CONTIG\_412\_length\_645\_cov\_1.073359

GTGGAGGACCCGGTGAATACGCCATCGACGGCGTGGCCAGACCCAGGTCAACGC  
GCGCGTGGCATGACGTTGCGGCTGGCTGCGCGATCCTGCGGAGGACCCGG  
ACGTGGTATGATCGCGATTGATCACGCATTCTGGCTGGCCACCGCAGGCC  
CGCGCGTGA  
CGTGGCGTGAATCGTGGCAGTGGTGTACGGCACGCCGGCGTG  
AATCTGGCTTGGCTGGACCGCACCCAGAACGTGTTGCGGATCCGCCAGGG  
CGAGCTCGACGGTCTGGATCCGCAATGGGTGGTGTGACATCGGACCAAC  
TCACCGGCACCGCGCAGTCGCGCGAGCACGCCGGAGGCC  
CAGGGCGTG  
GAGGCGGTGGTGAACGAAGTGCCTGCCGCTTGC  
AACAGTAAGCTGATCCTGAT  
GGCGATCATGCCCGCGGCCAGGCGGCGATGCGAACGCGCACCGATGCC  
AGACCAACCGCTGCTGCCGCGCTATGCCAAGGATCCGTCAGTGC  
GTCTGGTCG  
ATATCGCAAGCAGCTGCTGCAGCCCCAGTGA  
GGGCC  
GACGGCACGCACCCAGTGA  
GGGCCGGT

>CONTIG\_413\_length\_642\_cov\_18.052427

TCAACACCGGAAGCCGACAGCAGCGCGTACCATCAAGGCCGTGGTTGCAGCA  
CCACGGGTCGGAGCAAAAGCCGCCATGCAGCGCACGTGGACTATGCGCAACGCCA  
CGCGTAGACAAGGACGGTGGGCCGGCCCGCCGTTACCGACACGGCGAAGCTCA  
CGCGCGAGCAGACATCGCAGTTCTGTGGACCAGGGCAGAACCTGACCGCATTGTT  
CGATTCATCGTCTGCCCGAAGATGGCGCGAAGCTTAATTAGAAAGTTACACCCGC  
GATTGATGCAACAGATGGAGCAGGATCTAGGGACGAAACTGGATTGGATGGCCGT  
CGCCCCACCATGACACCGACAACCCGCACGTGCACATCATCGTGCCTGGGTGGATG  
ACAAGGGCGGCACCTGGTATTAGCCCGACTACATCAGCAATGGCATGCGTGAG  
CGGGCACGTGAGCTGGCAACACCGAGCTGGTTATCGGAGCGATATCGACATCTA  
TCGCTCTGCTGCGAAGGAGGTACGCAAGAGCGCTGGACGGTCTGGATGCGTCCA  
TGCTTCGGGAGCAGCAGAGCCGCAAAGCGGCATAATCCATGCCGGCAAGGTGCAT  
GCAGATCCGTTCCGCAATGCACAGC

>CONTIG\_414\_length\_641\_cov\_29.803502

CTTGAGCAAGGCCGATGGCGCAGGTGCTGCAGCGTTGATCGCGTGGAGCGCA  
TCGAGGCCAGCGGTACCGGCTGGACCCTGCAAAACAACGACTGCGTGGTGGAAACG  
CGCGGCATGGCCGACGATAGCGTCGACCTGATCGTACCTCTATCCGTTGCCAAC  
CACTACGAATAACAGCCCGAGCTACAACGACTTCGGGCATACCGACGATAACGCGCA  
CTTCTGGCGCAGATGGATCACCTCAGCACGCAACTGCTGCGGATCCTCAAGCCGG  
CCGCATCGCCGCCATCCACGTCAAAGACCGGATCCAGTTGGCGCGGTGACCGGGCG  
CCGGCGTGCCGACCGTCAGCCCGTTCCATGCGGAAGCGATCTTCCATTACCGCTCGC  
ACGGCTTCGACTACATGGGCCTCATAACTGTCGTGACCGACGTGGTGCAGGAGAAC  
AACCAAGACCTATGCCCTGGCTGGTGGAGCAATGCAAGGACGGCACGAAGATGGG  
CGTCGGGTCGCCGAATACATCGTGCCTGACAAGCCGAGACTGATCGCAGCC  
GCGGCTATGCCGACGAGCCGGTGCATAAGCAAAAAGCGGATTACACGCCGGCGC  
TGGCAGGTCGATGCGCATGCGT

>CONTIG\_415\_length\_639\_cov\_0.796875

GTACGGGGTAGCCAGTCTTGGCGTCGACTTGAACGTGCAGCAGCTGCAGCGCGTCG  
TCGCGCACCGCGTAGGCCAGCACGTACCGCGTCTGCTGACCACCCATTGCGGGGTG  
CCGGCGACCCGGCCGGCGCGGCCATCGCGCGCGCGGTGCTGGCTAGGGTGCGGGTGGC  
TTCCAGCACCTGCCGCCATCGCGCGCGCGGTGAGCGCGTGGTAGT  
GATCCTGGCGTATGCAAGTTGCCCTGGCGCCGGGACGGTCCAGTCACGCCCAAC  
ATCAACGCCCTTGGCGAACAGTGCCTGACCTGTGCCGGCGGTAAAGGCTC  
CCCGATCTGCCGGCGCAATGCCATCCAGCACGGCGGCCCGTAAAGCTGGCGGTGTCC  
ACGACGCGGACCACGTCCCATTGCCGTCTGGCGAGCGTGTGATCAGCGTG  
TGGGCTCTGCTGATGGCGGACATGGCACTGCGGTGGGGAGCTCTGCCGGCAAG  
TCTACCCGTGCCGTCTGGTGCCTGGCAATAGCTGGCGCGGCTGGCGT

CACTGGCGGTGGCAGGCAGGCCGGTCCTGCGCGAAGGTCGGTTGTCTGTCGCCATTG  
CCGCGCGCGCAATGGC

>CONTIG\_416\_length\_637\_cov\_14.409804

CGGTAGGTAACACGTAACGCAGCGCGTCGGCAACCGGCCGGTTTTGGCTT  
GCACCTGACCAGGTGCACCCGCGCCGCGTCAAGCGCCGACCCGCCAGCTAAC  
ACCCACGCCGATGCTAGGCGCGCAGCGTGTGCGTGTACGCCCTGCCAGTCC  
GCCAGCTCGGTACACACCGTCCCAGCAACGGCATGCAATCAACTGCAAATCCG  
GTTGCATGATAAGAAGAATAATATTATTATTCTTATCTACTAGGCCAGGAGC  
CGCACATGGACCGTCCAAGACGCACGTGATCGCATCTCAAGGCTGCTGATGCGC  
TGTATGACCAGGCCAGCGTGAGGTCTTCCGACCGTCGATGCCGTGCGCAAGGCG  
GCTAAGGTCAACATGAACGAAGCAAACACCGTCATGAAAGAGTGGCGCGCACGC  
AGGCGCGTCCGGCTCCGGCTGCCGCAAGTGCCGAGGCCAGCGCAGCAGGCC  
GGCTCGCGGTGGGGCGATTGGCAGGCCAGGCCAACGAGGCCAGGAGGCCAGGACTGAGC  
CAGCAGATGGCGACGCCA

>CONTIG\_417\_length\_635\_cov\_11.368110

CAGCGGTACCAAGTAGTGAAGACATCCAACACGCACGGAGCAGGTGCAAGCTTAC  
GCCCAAGCGTCTCCGTGCCTGAGCTTGGCCAACGACAGATCGAACTTCGTCGCCT  
CAGGAGCGCGATGCCTACGAGCAAGCGTTGCCGGAGGCCAATCGGCAGGGCGTTTC  
CACGCAAGAAGCACAACAAGTCGCAAGCTCGCAGCAACGACCGTCACCGCTCCGC  
GTGTGGATGAAACCAAGCGCCTCAGGCAGGCCATTGATGCGCAGCGGGATCGAGAC  
GTTGCACGCACACCCGACGCGCCTGCTGTTGCCGGAGACGGCAACGCCCTGCCCTGGTC  
GTGGTGCGCTGCATCCGTCAACCGCCGCTGCCAGAAGACGTGCGCCGGTCGCAA  
GCCTCGGAACCGAAGCCCAGTCTGTCCCACAGCGCAACCCAGAAACCCGAA  
CACCTGAGGTTGCCGCACCCCCGACAGCGCCGAGTCCAGCCTAAGGCCAGGAGGCA  
TCGGTTCCAACGGCGCGAGCGCGTCTGCCAGTGCCTGGGGCCGCATCATCCGCT  
TCGACCTCTGCCGATCAAGCGCCTACTCAGGCTACTGTGCCGACGCCGGCA  
TCAAGTGAGGTGGAA

>CONTIG\_418\_length\_628\_cov\_12.349301

CACCAGCCAGGTCGCCGACTTGGAACGTAAGGCAAGGCCAGACGCCCGCCGC  
CTGCTTGTATCTCAATGGCAACCCCTACAGCGAAGGCCGCTGCGTGGCAGGACGA  
ATCTGTGGGACCGGCACGATGGCTACAAAGACGGCAACGGACGCCACTGAATG  
GTTGCCCATCGCACGAACTGATGGCGCCTGCCCGCGCTTTGCCCGCTTCGGC  
GGGACTTTTGTCCGCTAACATTGAATGGCCATTAGGCTGGCCATTAA  
TGGTCCGTTGTCTTCAAGAAGACGACTGCACCAAGTCAGTGCCTGGCTGGCGCCGT  
GTGTGCATAGAACTCTGACCGAGAGCGGTCAAGTCTATGCATGAAGCACCAGCG  
AGAGGTCGAATTGCTCAGAACTCCTATGCACGGCGACAAAGCGGGAACCGCCG

GAAATTCCGGCGATCAACCGGCAAGCTGCTTGTGCGCTCGGCCAGGCAGGCCGAAA  
GCCTCGTTCACGTATTCCAGCACCTGGGTTCTGCGCCCTGCGTGCAGCGAGTCT  
TTGAAGGCGTCCAGGTGGACAGCCATTGCCATGCCAGGCAGCTCGTCGAG  
CTGAGGC

>CONTIG\_419\_length\_624\_cov\_2.158954

GCTAATTCCAACAACGGCGATAGGCCTGTTGGGTTCGAAGATGCTCACTGCCTTGG  
GGATACTTGCAGCGATGCCCGAAGGATTGCTGCTTGTGATGTCCTCGACCCCC  
GTCAGGATTGCAATAAACGCGTTCTGGTCGTGCAGCGGTGAAGGCATCCGGATCC  
AGGTTCAGGTGCAAAAGCCTGGTAGAACTCTCGATGTGTCTTGTAGGAGAAATC  
ACCCAGGTAGCCGCCCTAACGCCAATGTATTGGTAACCACCCAGTGGATCTCACT  
GCTTCGCAACTCACCCACAGGCCCTAAATGGCTGGAATACCGTTATATTGAAA  
GCATTATAGTCATGCGCGGTGTTGGCAGAAGGGCATTGACACCCGACAAGC  
ACCGTTACAGGGGGAGAGTCGATGGACCAGAAGGCGTAGCACAGGTAGGTGAAG  
AGGCTCCTCGCTCCGGGGAGCAGGCTGCCTCAAAGACAAGGTTGAAAGAGCCGC  
TTGGAGCTTGAGGTTGTCATGAGCTTGCCTGCTCCATACACCCAGAGGCGGG  
CGTCAAAGACCATTGAGGTTGTCATGAGCTTGCCTGCAAGGCAGTGTATCAGACCTTG  
GT

>CONTIG\_420\_length\_621\_cov\_25.174089

TCACCGATGAAATGATCGAATGCTCGTGGCTATTGGCTGGCCACAACCGCCCTA  
CGCACGAAGTACTGTTGGCAATGACAAAGACATGCCGGGGAGTACGAGCGCGCC  
TTTCAGGGCATGACGGAGACGCCCTGCCGCTGGGTACTGCTGGAGACTCGTGCA  
CGGCTCGGCAAGAGTTGCCGCACGCCCTCTGAGGCCACCGAGGTTCTGAGT  
GGATTGGCGAGGGGAGAGCCCAGTGGCATTGCTGCAGTGTCCGTACGTCGATCA  
GTTGCCAGCATTACGTTGGAAGCTCACCAACCTAATGACGTTCAAGCAGCGTCGCC  
TAGAGATTGCGCGCAGGCCGATGTCCTGGATGCTGCGCTCGCATCCAGGAC  
CTGAGATTAGTCCGGCTGAAAGACCAAGCCAGATCCGCGTGGCCGAGCGGGTAAA  
GGCTGCTGGAGGCTAGGCATCGTCTGCTGCCATCGCACACGGGTACCTGTCG  
GATGCCAGAATGATCAATGTGGGGCTTGATCGCAGACAGTCGATCAGGCTGGC  
AAGGACATGTCATCCTCGTCTGAAGGCAGTGTGCTGAGGATGGTAA

>CONTIG\_421\_length\_615\_cov\_0.723361

TCGCGAAATTCCCATCCAGCGGCACGAACTAGCTATACGCCCTGCTGGCGCGATCG  
TCCGGTTGCTCATGCGAATAGACGAACCGCGCCACATCACCACACCGCCATGCGG  
CGCCAGTGCATCGGCCAGCAGATTGCGCCATCGCATGGCTGCGTCCGTAATCCTG  
CGGGCCGGGCTGGCTCGGAATTGGCCTGACCAAGGAAACCACCGAAATCCGAA  
TGCAGCTGCGTAAATCGCGTCAGCTGTGCGCCACCACCGCTGCACTGCGGATCCA  
GCGGGTGGCGGTCTCAAACCAACCGATCTCGATCGGTGCACTGAAGCGCGCGCTG  
AGAAATACACGAATGCCGTACGGCCGGAACACCTGGCCAGTGCCCGCCCTGTC

CAGGTATTGCGCGTCAGGCTCCATGCCTGGCATTGACGTATTGAGCACAGTGCC  
ATTGATGCCAGCGATGCATTGGCGCGCGTAATCGGTAGCGCGGGTCCAGAT  
AGCCGGGCAGGGTCTGCCAGTCCATAACGAGGCACCAGCATGCCACGCTCGACC  
ACGCCATCCAGGTTGCCAATGATTGAGCATGCGCAGCTGCAGCCGCGGC

>CONTIG\_422\_length\_613\_cov\_16.763374

CGTTCTGGCACTCCATTATGGTTGCCAGCGCAGAGAGAGGGCAAACGGACGAGCA  
GCGACATCGCCCGAAAGCCAAGTATCCAAGCTCAGAGCGGCCTACGGAAGCGAGC  
TCACGGGACCAAGTTGGCGCAACTACAACGAAGCCATCTCGGTTGGCTGGAA  
GAGATTGAGGGACGCTGGTGGCGGATTGACCCCTACACCGCCGTGGAAGTGCC  
GCGTATGAGCAGGCTGCTCCTTAGACGCCCGAGAGCGACCCACTGGCTGGTC  
ATCGCAGCGCCGGCGATCCGACCGCTGACTGGAGAAGAGAGCGGTGGCCATCA  
AATACAACAGCGCTGGCCAACATCATCGACCGTGGCGAACCTGCTCACGTCTC  
CACGAGGCATCACCTTCAAGCGTGGAAATCGAAGCTCAGGAGGGAGTCGATGCG  
GATTTCGGCATTCACCACTACCCGCTTCAGTCGCCCTGGACATCACGACAAATAC  
TTTGACCGGAGACAGTGTAGATGTTCTCGCTCGCAGCTACCGCCGCTGTCCC  
TGCTCTCGAACCGGAGCTGGCCTTCTCCTGAACAATCCGGGGCG

>CONTIG\_423\_length\_605\_cov\_11.177824

TCACCAATTGTTCAAGCAGCTCGGGCAGAGCATCCGGGTCTGCGCAGATGGCA  
GTCAGCCGAAACTATGGCAAGCTGCTGACTTCAGTGAATGTCATCGACAGTC  
TCAATCCAGCTCGCAATCACGGAAGCTGGCGCATCCAAACGAGACGTTAGAA  
AACGATGAGGCAGTCCTGTTATCAATCGGGCCAGAGCAATTTCCAGTATTGGAT  
AAGAAGTCGCTAAGGACCTATCTGCCCTCAATGACGGGTTCCCTCAGCAACCAC  
GAAGCCGAGATCTGCCTGTCAGTGTGCCAATCTCATCCAGATGCATAAAGCGAAA  
GTCTGGCCACGAAAAAGAGCCCCGATGGGGCTCTGTGCGCTGGCGTTGAAG  
CCTCAGTCTCAGCGCCGGGTGCCAACGGCTGGCGCGTGTCCGATCATTGGCG  
GAACCTCCCGACGATCGTAGCTCCAGCAAATGCCTAGGCGCACCATCAGTCTG  
CTGCGCGGTCAACGGTCAGAAATATCTGAGCCATCATAGACTGGCTCGGTGGCG  
GAACCTCAACTCCAAATGCCCTGCCAACCTCGGCCTG

>CONTIG\_424\_length\_604\_cov\_411.366876

TCGCCAACATCGATCAGCTGCTCATCCAGATCGAGCATCACATGGAAGCTGCGTTTC  
TCAGTCAATGTGAGAACGCTGTGCCTGCCTGAGTCAAGCCCAGAGCGTTGCATT  
TTAAAGCACTCATTGCGCGCTACTACCGCGAGCAACAGCGCATTGACTATGCGCTCG  
ATCAGCCCACAAAGCACGATGAGGCCACGATTGGCTCCGACCACGTCAGAGGC  
AAAGCAAGCTACGGGTCTCCTGTTGGCGAGGAGATCGCGCGCTCCTGCGCGCACT  
TCCGAACGCAACTCTCCATCTTGTGCCGCCAACCGCTGGCTGAGACCACGACCACG  
CCTTCCTATCGCGTCTCCAAACGCCGGCGATCAAGCTGGTGCAGCGTCACTGC  
CGATCGGTGTCGGACCCGAGAGGGTCTGGCCTTATTGCAAACGAGGTGCGCGGT

CTCGGCCGTGGAAAGGCATACCGTCACACTGGCTGCTGGCTACGCAAG  
CGATCACGTGTCCACCGCCTGTATTCTTGATACGATCGTATGGCTATA  
CAGCTGGAGGGGCCACCGTGCCTGGGGAACACT

>CONTIG\_425\_length\_601\_cov\_51.411392

CCCTCGCGCCAAGGGCATCAACCCGCGACCGACCAGAAAGCAAAA  
ACGCCAGGCCATCCGGTGGCTGGCGAAAACACCTTCATGGCGGTCTAC  
GAAAAGTGGATGGAACA  
CCGGCAACTGACCCCTGGAAGAAGGTCGTCAGAGTTGCTGGAACAG  
ATCCGCCCGCG  
TGTCAAAAAAGATGTATTCCCTACCTCAAACGCTACACCATCTAC  
GAGATCACCC  
GTCCGGTGCTACTGGAGGTGATGGCCGGATCGAGAAACCGCAGTC  
ACTGTCCGTC  
GCCGAAAAGGTGCGCACCTGGCTCAAGCAACTCGCCGACTACGCC  
ATGGTGGTCAT  
TCCGGGCATGGTCGAGCACCCGCCATCGATCTACACGTGGTC  
GTGCCGTTGCC  
GCCGTTGAGCACAACCCATTCCCTGCGTATGCCGAGCTACCC  
CTGTTGCCAGAC  
ACTGCGCAAGTACCGCGGCATGCAGATGACCCAATTGCCATT  
CGCCTGTTGCTGCTGCTGCTG  
GACGGGTGTACGCCACAGGCGA  
ACTACGTTGGCCACGCCGACCAATT  
CGATCTGG  
AACAAAGGTTGTGGATCATCCGGTATGTCGCTCAA

>CONTIG\_426\_length\_600\_cov\_55.720930

GTCATGCCCTGAAAGGCGCGCTCGTACTCCCCGGCGATGTCTTGT  
ATTGCCAAC  
AGTACTTCGTGCGTAGGGCGGTTGTGGCCAGCAAATAGACCAC  
GAAGCATTGAT  
CATTTCATCGGTGATCCC  
GCCGTTCTACATCTGCCACCGCTGAACAGATCACG  
CGGATGCTGACGATCCATCGCGCTACCAACT  
CCCTGCATAAAAGCTCATCCGGGGC  
TAGGGTGGGGACGTCGA  
ACTCGACTCCAAAACGGT  
CGCGCTGGCACTCAATG  
GCAGTCGGTAATCGGAAGGACGGATCC  
CGAAACACACCACGTTGACCTCAAC  
CTT  
ACCTGAGTGCTGTCATTCTCAGCAATCAGCTCGTGC  
GCCAAATCTTGCTGTGTA  
TCAGTCGTGTTGCACACCCATGGGTGCAACACGCTCT  
CGATCGACGGAAAGGCGGG  
CATATCCTGTACAAACAGGTTGATGGCGGTGCCG  
CCCTCATGGCGAAGATGTCATTGGCGAATACA

>CONTIG\_427\_length\_600\_cov\_24.959831

ATGCAAGCATGCAACAAGGCATCTATCACGCTTGGCTT  
CGCTCGCGGCTT  
TGGTGGTCGTC  
CTTCTTGGCGGGGGATGCCTGGGCTTCTGGGCGCGTGTAGGTCCA  
GGAATGCGCCCAGTGC  
GGCACGTGCGCCCCGCTGCTCGTCAAGGT  
CACGCC  
TCTCGGGGCCAGCTCTCC  
CGTAGGTGGCGCTGTGGGCATCTAGGAACGC  
CTGCACGCCACGTGGAGCTGACG  
GCGTGGCGGCAGCGGG  
ACACCCA  
ACTCCATT  
CGATGAGCTGGG  
CATAGCGCAG  
CTGGCCTCGCTGGGCACGCC  
GGTTAGCGCAGC  
CTGGCCTTGGCGACCTTGG  
AAACGA  
ACTCGTC  
CGCGC  
GCTTC  
GATCGGCACCAAGCCACGCC  
GAGCTCGTCCAGCT  
TTCC  
ACAACGCAGTAGT

GGCGGCGTCGGTATCGCGCCGGCAGCATGGCAATCAGCTACGCCAGCGCG  
TGCTGACGATGAATTTCCTGGACTCCAGGT

>CONTIG\_428\_length\_600\_cov\_16.080338

TTTCCCTGGCAGTATCGAGCCGGCCTGGCAACCGTATGCTGTCAGAGGAACGTAT  
AGAGGAACCTGCCTACCGCGAGCAACCAGACAGAACCAGTGGATCACGCTTGATGCAGCAGAT  
CCGGCTAACGATCCAGCACACCAGAGTCATCCGGATCACGCTTGATGCAGCAGAT  
ACGCAAGAAGATCGAAGGACTAAACGGTCCGGCTATTGCAAGCTGCAGACACTG  
ACCGCATCAGGCCAGTGTTCACGCGCTGCCAAGCAAAACAATTTCAGTAGTGTG  
ACGAAATTGCACTGAGCAAGCAGACCAATGCCAGCGCTGGGAAAAAATATT  
ATTCTGCAGGGCGCTTCAGACAATCCTACAGCCCTGCCGCTTACATGCCGACTCAG  
GAGGCGATAACAGACGCCAGTTGAGCAATCTTCGAAAAGGTGAGAGAACTGCAAAG  
CACTGAGTCGGTAACGGAGCGCGCAGCAGCCTCCACACCAGATTCCGGAGCAAG  
AAGCTCGGCAGCGGCCACTGTGCCCTCTGTAGCCTTTTCAGATAGCAGC  
GATGCACGAAAACGCCATAAACGGTCTATCAAAACCC

>CONTIG\_429\_length\_600\_cov\_14.152220

TTGAGGTCAGCTATGAATTGCTCCTGTAGCCTTGAGATGCTCAGGCAGTCCATCT  
CCACCATTGATCCACATCAGTCTCCAATGGGACCAACCGGGCTGACCTCGCGCCCT  
CCACCGTCGACCAAATCCAGTCTCAGCGTCAGGAGCTGCCATGCCAATAGAAGGA  
GAACCTTGCCTGGTTCTGACCTCGATCTGGTCCGCCACCGTTGCGACATTGCGC  
AAATACAGGTCGCGATCACGATCGATTGCTCAGTCTTCGATTGGTGCCACCGACC  
ACAAAGTCTTGTGATTGCTTCCAAGTCGTATTCGCAACATCCGGCTCAGGAATA  
TATTCAATTACAAATGGCATCTCGTTCCGGCATGGCTGAATTGTGGTTGAGAG  
CTATTCTATGAGCCCCAGACGGCGCAGACAGCTTCTCACCTCGGCTTTGGTAG  
CAGCCGTTGGTGAATAGGCATCTCGTAATACTGATCTCTCGCAGAGCACCGG  
GCTTGGGATGCCTCATAGAGGAAGACTCCTGTCAAAGCCCATGCCTCAACTC  
TTGCGGCAGCATCAAGGCGGGCGCTGCT

>CONTIG\_430\_length\_599\_cov\_4.713983

TGAAGATATTGTCGCGAGCATTATCATTGAATTGATCGATAGCAAGGC GGCCGCAT  
CGGGGAAGTTGTCGATATCTTCTTCCGGATAGCGTCCTTCCAAAAGTAAGTAACCT  
TGGGGGCTGAGCTATAAATTCACTCTTAAATAGCGCTGGCTGAAAGCGCGTATCTT  
CGTGCCTACCGGTTGCTTCAGCGAGATGCCACTCCATTGAGTCAAAGCTGCACA  
TCCCTGCGTAGTAGTCAGCATCGATCATGCCATGGCATAAAATCTCGCCACGT  
ATGTGGTGTGTTGACCTTCAAAATTGATGGGAATCCATCTCTTGCTTGT  
GGACATGCCAATGAGCGATCGATGGGTGTGCACGCATCGCATTGTCATCTCATA  
GAACGCAGTCCGATACCCACTCAAACGGTCCGGCGATCCTCGATGGTCATCGT  
GATCTGGTACGCCTGTGTTGGATGCGGTTCTGCGGTAGACCGGATGCCGTCGGT

GGTGGTCGCGTCAGTACCGTGTCTTCAGAGCCAGCATTATGGGGTTGCATCCTGC  
TAAGAAAACCAAGACAAGAGAGCAAGCA

>CONTIG\_431\_length\_594\_cov\_0.925054

GTAECTCCTCGCGTCGAGTCGATCGATTGACCGGCTGCCGTGAGGTCTGTGAT  
GACATGGCCCGAGTCCGGGCAGGCTGCCACGTGCCGTGGCGGGTGCGCCGCCGG  
TGAAGACGGACCGCCAGTGGAAAGCCCATCCGCATCCGACACGCCAAGGACGAAG  
AACTCCTGGCCCGTGGCTGCACACCCAAGTGCCTCGCAGTTGATGAGTTGACC  
AGCGTGTGCGGGGCCGTTGAGTACCCAGACCCCTGGCGCCGGCACTGTCTCCTGGATC  
TCGCGCCGCCACTTGTAAACCAAATGCGGTGGCGAAAGAACCGAGGGTGCAGCGATA  
GCCCTCGCGTTGAGAACGGCGCCGTGGCGATGCCACGGTGTCTGCCGCAAC  
CCATCTGCCGTTGACGATCGCGCGTTCGCCACGGTCGATCAGCAACTCGCGG  
CGGCATGGACGACTCCGCCTGGGCCTCAAACAGTTGCGCTGAGGCTGGCGACG  
ATGAGCTGACGGCGCGTTGCGGCTGACCGTATAGACCGGCGGGTGGCGCGATT  
GAGGGAGTCGAGCAGTCGTCGCCGAACTC

>CONTIG\_432\_length\_593\_cov\_36.075107

CTTACCTGGCTAGGGGACTACCAAATTCGCACTCCCCCCTCACATAGAAATTG  
TCTTAAGCTGAGACTTTCTGAACATAGAGCCCTAGCAGCACTCTCGCTGGTCAT  
TTGAGCGGGCCTGCCGACCGTTAGGCCGGAGCGTAAGCACGCAAATCGAATT  
AAGGCAAACCTAACTATGGACATCGAAAGCACCTTTAACGCGAATTAAAATCA  
AGGGGTTGGAACAATGATAGTCGGAGTTACCTCACTATATCCACCAACAACCTTGT  
ATCACTGGGCCAAGCACGCCATGCTGAGATAATTGCAACGCCCTACAATATC  
ATTGGCAAATTCTCACTTGATTAAACTCAGCATTGGTAAAACCCTTGTAGCTCATGCCAA  
GTTTGGTAAAGGGTTCGAGCAGCTGCTCGTTATGTGCTAGCTCATGCCAA  
GAAATTGCCCTCCCATTAGATCGGAATACCCCTGATGGTGTCAATGTTATTGAT  
ATCTGTGGGTCGCCGTTAGTCGGACTGCCAGTCGCAAACCCATTACTATAG  
CTAGTGCCGCTCGTTACCTT

>CONTIG\_433\_length\_593\_cov\_16.781116

GCCAGAGCACAGCGCGCTTGGCGGAACGAAGAGGCATGTCTCCCCCGCGCATCCA  
AGCGATCCAGCAGGGCGGATCAAGCGGGCTCGAAAAGCGATGGTGGAGGCGGCT  
GAGGCCTGGAGAACAGAGCTCTCCGCAGCCATTGAGGTGCTGACGCCGTAGGC  
GTCTGGAGAGGATGCACATCCACCGCAGGCCAGGGTGAGGCAGGGCATTGGAGT  
TGAAGTTCCGGCCACCGAACGCCAAGTCTATGACGGTCAGATAACTCTGACCGTTAA  
CCGCGCAGCAGACTGATGGCGTTGGGGTGGTAGGCCAGCTAGGGTTGCG  
CAAAAGGTTGCCAAATGATCGGAACACGCCAGCCGTTGGCACCCGGCGCCG  
AGACTGAGGCTCAACGCCAGCGACACAGGAGCCCCGATGCGGGCTTTTCG  
TGACCCAGATTCTACTACGCGCGTGGATGGGGTCAGGGCGGTGCTATACAGATC

TAGGCCATGGCCTTGCTTGGTAGAACTGCATCTGCCAGTTAACGCGTGCCTCCCG  
TCGATGGTCCCGTCATAATTGTTGCTCGGG

>CONTIG\_434\_length\_584\_cov\_1.247265

GATGGAGAGCGTGTCCAACGCCAGAATGCATGGGCACGGAGGGGCCGCAGC  
AATCGCCATAGGCCATCAGCATGGCCAGACCCACCGCGTGCATGCAGATGACGAT  
GGTCGATTGATGAACATGTGGCCGGTCACGAAAGATCTCATCAGGGCTTCTCG  
TAGCGGGTCTTGATCTCGCGATCAACCGTCCGGATCGTCCAGATGCAGCACGTGC  
ACCAGCAGATATTGCGGTCGTCCGAGAGCGCCGCCACACCGTGCCGGGGTGAG  
CGTGATCATGCTGGTCAGCGCGCGATGCCGTGGATGTTGGCGATATCCAGCGGCAC  
CCAGATGAAACCGGGATGGATGCGCGACTCCGGGCCAGCACCTGGCCGGCACCT  
TGATGTTGGAGCGCACGATATGCCCTGCCACCAGCAGCATGCGCGCACCGAA  
CGTAGTGAACCGATCTGTGCGAACTCACGGTCCAGTCGTGCCCGAAGATCGGCAC  
CACCCAGCCCAGCAACAAGCCGAGCACCCACTGCTGCCCGAAGCTGCGCTGA  
GCAGCAACCAGAACACAGAACAC

>CONTIG\_435\_length\_584\_cov\_0.365427

CGGCACCGCGCGATTGGAGGTCTGTTGATAGCGGGCGTCTGCCAGATAGACGA  
AGCCGTCGCTGCCAGCGCCAGGCCCTGCCGATGCTGGCGCTGCTGTCGCCAT  
CGGCGCGGTCGATGTTCTGTCCCCACAGGATGTCGGCCTGCCGCCGTCGGCATCGG  
CTTGCGCCGGCTGTTGCTGCCGCCAGCGCTGCCCTCTGCCCTTCTTCTCCTCTTCT  
CCTTCTCTCCCT  
CTCCCTCTCCCT  
TCCCTCTCTCCCT  
CCCTCCCTCCCTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT  
TTCCCCCCTCCTCCTCCTCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT  
TTTTCCCTCCT

>CONTIG\_436\_length\_583\_cov\_0.710526

GTGTGTGCTTTTGTTGTCTAGCTTCTTCACTTAACACAATGTTTGGGATGCATCC  
ATGTGGTGTGTTGTTGTTCTTGTTGTTGAGATGGAGTCTCACTCTGT  
AGCCCAGGCTGGAGTGCAGTGGCATGATCTCAGCTCACTGCAACCTCTGCCCTTGG  
GTTCAAGTGATTCTCCTGCCCTCAGTCTCCCCAGTAGCTGGGATTACAGGCACCTGCC  
ACTGCACCTGGCTATTTGGTAGTTAGTAGAGACAGAGTTCACCATGTTGGCC  
AGGCTGGTCTGAACCTCCTGACCTTGTGATCCACTGCCCTGGCCCTCCAAAGTGCT  
GGGATTACAGGCGTCAGCCACTGCCGCCAGAACAGTAAGGGTTAAAGGCAGG  
GGTAAATTCAAGGAAAACAGAAGTTACAACAAACATTGTGAACGTGATACATTGGTTG  
GCCTAAAAAGGTGGGATAGTTGAGGTAGGAGATTACCGGTAGGTATATTCAA  
AGACTGTTTGCAATTGATGAAAAAAGAGTTAAACATTGGGGTCAGCAGAA  
AAGATTATTAG

>CONTIG\_437\_length\_582\_cov\_0.802198

GCTTGCGTGGCCGGCAGCGTCGTCCGGTGTGAAAGGTCTCGATCTGACGCTGG  
CGCCTGGCGAGCGTATGCCATCAGCGGCACAGCGGAGCGGGCAAGAGCACCTG  
TCCGCACTGCTGTTGCGGCTATGGGATCCGAGGGCGGGCAGGTGACTTACTCCGAT  
ATCGACCTGCGCACGTCGCGAGACGCAATGGCATCAACGCATCGCCTGGCTGCC  
GCAGAACGCCCGGTGTTGCCGGCACGGTGCAGAAAATCTGCTGATTGGCGATG  
CCAGCGCTAGCGATGCCCGATGTGGAGCGTGCTGGAGCAAGTGCAGCTGCCGAG  
TGGGCGACGGCGCAAAACGGCCTGGACACACTGGGTTGGCAAAATGGTGCACGCT  
CTCTGCCGGCCAGGCGCGCCGGCTGGACTCGCACGCCGCTGCTGCCGACGCAC  
CGATCCTGCTGCTGGACGAACCCACCGACGCCCTGGACGTGGACACCGCACACGCG  
TTGCTGCTGGATCTCTCCGCTGCATTGGCGAGCGCAGCCTGGTATGATCACCCAC  
GACAGCGTGCCGGCCGGT

>CONTIG\_438\_length\_581\_cov\_17.878855

CAGTGATTTCCAAGTGCGCCCACATCTGGTGAACGAGTAAACCCGTCCATCTGAT  
TGCCAAAGTCGCGATCCATGGCTCTGACCTTGGCCGTTACGTACAGGTGTAGCTGG  
GCGCACCTTCCGCCCTCGTGCAGCTGGTGTCTCGAAGTCTTGATGCGCGCCTTTC  
GTTGCTGTTGTCTGGACGAACACAGCAGGAATGCATGCTCTCGCTCAGACTGCAGGG  
GCCACCAGGAAGAGCAGCTGGCAAACAGGCCACATTAGGCCAGCCAGCGCCAAG  
CAAAGCTTGACATGTGCATCTCAAAGAAGAAGAGAAAAGCGCGTAGGGTCCA  
CCAACCTGGCAGCTTGGAGAGGCCGAATTGCCGCATGCTCAATGACTGGAAGC  
CTCCGCACACCAGGAGGAATGACCGGTGTTGATGCTGGCAGTCGCAAGTGGATTGGC  
TGACGGAACCATGTTACTGATAAAGTAACAGACAAGGCAAGTCGGAGACCTCATGC  
TCAAACACGTCAATTGCATGCTTGTCACATTGGATCTGGACGACGCTCGTCTC  
ATCTCGCCAACCGC

>CONTIG\_439\_length\_581\_cov\_10.447137

TGGCGATGGTTTCATGCACTGCGCTCCTGGTGGAAAGTCGCTTGCTGAGGGCAAGT  
GTGCAATACCTTAGCAACATGCATGCACGCATGCAAGCTGCTTAGCTGCACGCATG  
CTTAGCTGCACGCCAGCATGCATGCTAGCTGGCGCCGCCGCCGGCTTGGCCTG  
ACCGGTCTTGGCGAGGCCGGCAGGTGGCACCAGCTCAAGCGCTGCAAGCCGAC  
CCCGTAAGTCGCTGCGTCCTCGCGGGCTTGGCCGGCAGCGTTGCGCTGCTGGCTG  
CAATCAGGTGCGCCGGTCCAGCTGGTGCCTAAGTCGCTGGCGGGCCTCTGCCG  
TGCTTGCGCGCTGCTGCAGGTCCACCAGCTGGTGCACCTGGTCAAAAGCGGCCG  
TGTGGCGACTGCGGCCGAGGCAGCCTGCTGCATGGCGTATCCAGCTGGCAATA  
CGTGCCTGGCCGCTTCAACTCAAGCGCCTGGCTTCGTAGGCCTGGCCATCTGC  
TGGCTCAGTGCCTCCGCCCTGCCGCTGGCTTCCCACCCCTGCCCTGGCTGCACGC  
AGCGCGTCGTTGG

>CONTIG\_440\_length\_579\_cov\_49.128319

GAAGCGCAGCGCAGGCCATGCCATCCGCAAGACCACCAAGCTCCACCGTGCAGTT  
CAACGAGGCCTACCTAGCCCACCTGGTCAATAAGCACGACCAGGCGCAGGCCTCCA  
AGCCGGCAAACCAACGCACGGCATGCCCTGCAATGGCGCTCGACTTCGTGCGC  
TCCGTTGATAGCAGCCCCCAGCACCCAGCAACACCACCGTCCAAGCCTAACCCGC  
ATGGAGAACGCTATGACCATTCGTCGCGTACCGCAGCACTCACCCTGCCATCGGC  
ATCGCTGTTGCCGGCGCACCGCCGTTATGCCCTGGCGCAAGCGTTGGTGTGC  
GCCAATTGCAGCAACCTGGTGACCCAGCTGTCAGCAGAGTCAGGAAATTTCGGC  
CTACGCCAAGCAGGTGCAGCAGTACAAGACCCAGATGGATCAATTGAACCTACAGA  
TCCAGCAGGTTGCCAACGAGGGCCGCAATCTGGCCTCGCTGCCGCGCAATGTGTTCG  
GCGAGTACCAGCAGGTTACAACCTCTATAAGCAGAGCATCAACCAGCTGCGCGGG  
AGCATGGCGAAGCTG

>CONTIG\_441\_length\_577\_cov\_0.211111

CCCCCTCCCTCTCCCTCTTTCTCTCCCTCTCTCCCCCTCCCCCTTCTCCC  
TCCCTCTCCTTCTTCTTCTCTCCCTCTCCCTCTCTCTCTTCTCCTCTCCTCTCCC  
TTCCTCCCTCTTCTCCTACTCTTCCCCCTCTCTCTCCATCCTCTTCTTCC  
CCTCACCTCTTCCTCCTCACTTCCCCCTCCCTCCCCCCTCCCCTTTTACCTC  
CCTTCCTCCTCCCTTTCTTCTTCCCCCTCTCTTCTCCTCCTTCTCCTTCC  
CTCTCCTCTTCCCTCCCTCCCTCTCCCTCTTCCCTCTCCCTCTCCCTTCC  
CTTCCCTCTCCTCTTCCCTCTCCCTCTTCCCTCCCCCTCCCTCCCTCCCCCTCC  
CTTTTCTTCCCTCTCCCTCTTCCCTCTCCCTCTCCCTCCCCCTCTTCCCTTCC  
TCTTTCTCCTCTTCCCTCTCCCTCTTCCCTCTCCCTCTCCCTCTTCCCTTCC  
CTCTCCCTTTCTCCTCTCCCTCTTCCCTCTCCCTCTTCCCTCTTCCCTTCC

>CONTIG\_442\_length\_571\_cov\_10.813063

TCAAGAGTTCTACCTAGCAATCGAGCGTGGCGTGCTCTGCTGATCAGAAACGGAT  
TGCCGTGCTCACGCTTGAACTGGTCGAATTGGCGTCTCGGGATGCCGAGGTAGAATT  
CCGCCATGGCTTGGGTGAAGCGCGTCGTGCTCGGTGAGCGATCAAGTCGTTGCTTCA  
GGCCATCGAAATCCTGGCTGGTGATGATAGCCTCGCGCTCATCGCGCTTGCATGATGA  
CTTCAAGCGCAGCCCCAAAAATCCGTCTTCGAAGCTTCCGCCTGCTGATATTGT  
CATCCAAACCGTCCTCGTTCAAGTCTCACTGCAAGCAACTTGCACCGCAAGCTTGC  
CACTCATCAGCCTGACAGCCTGTGGCGATGGAACCTGCCTGAAAATCCTAACGTAT  
TCGTGGAGGAAGCACAGCGGGAAATCCGTCCGAAGTCTTGGCAGCCCAGCGCACCG  
CCTCTGGCTACCTGCAGGTGATTGCGAGTTGCATGTGAGCCATCACGACCAACCGT  
TGCTTGTGTTGACCACAACCTCAACGAGTTCAAGCGGGAGGCCGTTCGCAACCGAT  
G

>CONTIG 443 length 571 cov 0.950450

GTTGCCGAGCCTTCATTCCGCAACTGCAACGGCCGCTGGCTGCCGCCTGGTTGCC  
TTGTTGCAGGAATGGGAAGACATCATGAATA TCGCCGGCGACCCGTTGCCGGCCGA

TGCCAAGCTGGCGTGGCAGCAGGAGCTACGCGATTGGTCGCAGCAGCGCTCGC  
GGCATCCGCTCGGGCGCGTGCTGGAACCGGTGCGTGCGCCGTGGCGCAATTGGCC  
GACACCTTGCCTCGCAATACAGGACGCCGCGTGCCTGCCGCAATCGTTGCAGCAAGC  
GCTGGACACCTTGCACGCCCTTGCGAGGCCGTGGTTGCAGTCGAGGCCGTGATGTT  
TACCGCGCAACCAGTCTGGCGATGGCACGGCGGTGGCGGTGCAATGGCTGGACGCAC  
GTCAGCGTGTGGCGCGACAGCGAACGCCGGTGGCATGACAACCGCCGCATGG  
CGCGCGCAATTGCTGCAGGCCTGGCCGCGAAGCCTGCCTGGAGCAGGCCGCATCG  
GGTGTGGTCGGCTGGCACGTTGCCTGCAGCGCGAACTGCCGGGAAGGCGG  
CGTATCCGC

>CONTIG\_444\_length\_568\_cov\_0.619048

CTTTCTTTTCTTTAAATTGAATTCTCCTCCTCCTCTCTCTCTCCCTTCTCCTCCTCCTCCT  
CCTCCCTCCCTCTCTCCT  
TCTTCCCCCTCCCCCTCCTCTCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT  
CCCCCTCTCCTCCCCCTCCCCCT  
TTCTTTCTCCTCCT  
TTCTCCCCCTCTCCT  
CCCCCCCCCCCCCT  
CCTCCTCCCCCT  
CCTTTCTTTCTTCTAACTCCCACCTCCCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT  
CTTCCTCTCCCTCCCTCTCTCTCT

>CONTIG\_445\_length\_567\_cov\_60.695455

GTGCAGCAGGTCTGCCGACGGCCAGATGAGCATGGCTGATCTGGCACGACCT  
CGAGGCAGGAGCGGCACGCGCTGCAGGCTGCAATCCCCGCTGCGGTAGCATCTATG  
GCGACCAGGAGCTGACGAGCGGAACAGGGGTATCGACTTCAGCGAAGGATTG  
ATCCCCGATCCTCTCGCGAAGCCCGTAATGCCGGCAGCGGCTGCAAATTCCAGCGG  
CATTGCCACCTGTCGGTCTATGCCGGCATGGCTTCAAGTTCAACGACTTCATCCAG  
TCCATTCAACCGCATCCAGCGTACCAGCAGGCGACCCGGTGGAGGTGTGGATCGT  
CTACGCCGAGAGCGAGCGCAGGTGCTGGCCAGCCTGCAAGCGAAGTGGACACGCC  
ACGAGGAGATGGTAGAGAAAATGAGCGAGATCATCAGGAATACGGCTTGAGCAA  
GGCCCGATGGCGCAGGTGCTGCAGCGTTCGATGGCGTGGAGCGCATCGAGGCCA  
GCGGTACCGGCTGGACCCTCGCAAACAAACGACTGCGTGGTGGAAACGCGCGGCATG  
GCCGAC

>CONTIG\_446\_length\_566\_cov\_9.015945

GGGGGCTTACGGCTTGGAGGCATCTGGTGGCGCTCGATGGTGGCCGACGCTTC  
CTCGCGCTCCTGGTGGCACAGCCTGGTATCGCTTCCACCGTGAATCGTCAAC  
CTCGCCCGTGAATCGACCGATCCGCCCTCCCCCTTCGCTCGAGTAAAGACCAC  
GTTGGCCTGGTCCCAGCAGGGATACCGGTGAGATCCGGCTGTTGCTCACCGCAT

GGTGGTCTCGCGTGACGGGGCCGGATTGACGTTGCCACCCTGCAGCGGCAAGC  
CAGGCCAGGGTGAGATCCGGCAGCACTGCGCCACGGCTCTAGCGGGTTGAAC  
CCAATATCGATCAGCGACTTGGTGAGCTCTGCGGCCAAGTGAAAGCCGTGGT  
GTGACGTGCGCGTAAGCCTTGTTCATGGCCTCTGCTGCGACGGTGGCATAGGGC  
ATGCGCACGCGACCCAGCAACTGCTGGATGTCCTGCGCTTGACTTGGGCC  
ACCGAGCAGAACACATAGGCGAAGGAGCAGTCCCATCCTCCTGAGCGCTTGCT

>CONTIG\_447\_length\_566\_cov\_0.804100

GCGCAATCGTGTCAACGCGCTGGCGTGTCCGAACCGACCATCCAGCGCCAGGGCG  
AAGACCGCATCGTGGTGAATTGCCGGCCTGCAGGACACCGCCGAGGCCAAGCGC  
CTGATCGCGCGACGGCCTCGCTGGAATTCCGTGCGGTGGTGAAGGCAATGCCGA  
AGACGCCGTGCGCAGCGCACCATCCGCCGAAGCCAAGGTCTACCGCCTGCGCG  
ACAGCAATGCGCCGGTGTGCTCAACAAGCGCGCTGGTACTGGCGACCAGATG  
GTCAGGCCAGCGTCAGAACGACCAGAACGGCATGCCGGGGTGGCGGTGACGCT  
CAACAAACGTCGCCGGCACAGCATGCTGACTACACCAGCACCAATGTCGGCAAGC  
TGATGTCGGTGGTCTACATCGAGCGATTCCCACCGTGACCATGGTCACGGCAAGG  
AAAGTGCAGCGTGCAGGCTAATGAAGAACGCGTGTGCCGACTCGCATGCCGGC  
GTGTTGGCAAGAATTCCAGACCACCGGTCTGGAAAAGACCGAAGCCGAGAACCT  
GGCCA

>CONTIG\_448\_length\_561\_cov\_1.170507

GCACCGGTGCGCGCCCGAGTGCCTGCCCGAGGCACCGTGTCCCGCAAGCGC  
AGACTCATGCGCGGCCTGGCGCAGCCCGTGGTGTCCGTATGCACCGCAGCGAGG  
TGGCGCATGCTCAGCTGCTCGTCGAAGCGACGCTCGAACAGGTCCACCAGCGCCT  
GCAAGGCCTGGCTCGCCTGCCATCCAGGCGACCACCGCTGGTGCCTTGGC  
CGGCCAGGGCAGAACATCACGCCATGATGCTTGGCATTCACCTCGCGGCCCTTGG  
CCGCCAGGGTGGCGTTGCGATAGGACGACAGCGTCTGCACCAGCTGGCGGT  
GCCCGGCATGCACTCCGAGTCGGTTGGAAACTATGAGTTCGCGTTAACGATCGTC  
GATGATCGCTCCGTTGCCGGTGCCTGCCCGCGGTGGCGGGCAGCTCCTGCAAACC  
TTGTTGGGGTAGTTCATCACCCGAGCAGCATGGCAGGCTAACGCGGGACACCC  
GGCGAACCGCGTGCCAGCTGGCCAACCGGTGGCGAGATTGCTGGGCT

>CONTIG\_449\_length\_561\_cov\_1.154378

CTATATAGCACCCCTCATGTGAGCGAAACCGCGAACGTTAGATCAAGAACAGTTC  
CGGTATGGGTCCGACCTGCGGACCCCCATCCATGGCTCACTTGCGTATTGTCGTG  
TGCAGCCACCAGCGCGGAAGCCAGGTTGCGCGTTCTGCTGGTAGAAACTTGCT  
CATCGCAGTGTGATCTGGAGCTCCATGCCAGCGAGACAGCCGCACCGTGAGCGA  
TCGACGAAACGATCGGACCTCTTGAAGTCCTCATCGCGGTCTGCTGGTACGTGC  
TGAAACCGTCAGGCTTGACGTCGGTACGAGCCGGATAAGATCCCTGATCTGTTGA  
ACGTCGACTGGCGTCGGCGAACCGACGAAGCGAACCAATCCTGGTTGCCTCG

GGGTTCTTGGTGCCGGTGGGCAGGGTGAAGGAGTCAGCCAGGAAATCGTAGACGAC  
CTCCTTGCCTGGCACCAAGCGGTAGTCGGCGTTACTTCTGCCCTCAT  
GTCGAACCTCGAACGGCCCAGTCACCCATGACGTTAGGCAGCTTACCG

>CONTIG\_450\_length\_561\_cov\_1.020737

GGTCTTCTGATAACACCATCGACCTCACCTCACCGTACTGCTGGACAGAGTTTC  
GGCGCCTCGTGCCACGGGCATGACGATGAGGCTCATCGGTGACGCCAACGATTA  
CGTCGGCAAGGGCTCTCCGGCGGTGGATCGTCGCTCCACCGCTAAAACGC  
CGTTCAACCACGTGACCAGATCGTGCTGGAAACGTCGTCGGTTACGGTGCCACCT  
CCGGTGAAATCCTGTTGCGTGGTCAGGCGGCAAAGATTCTGTGCGAAACTCG  
GGAGCCACTGCCGTTGTGGAGGGAGTCGGCGACCACGGTTGTGAATACATGACCGG  
GGGAGAAGTGCTGGTGCTGGCGCTACCGGGCGGAACCTTGCTGCTGGCATGTCTGG  
CGGGATGGCTGGGTGCGTAACCTCGACGTCAGCCGCCTCAATGCAGATATGGTCGA  
TGCCCTACCGATGGAACAAGCCGATGTTGATCGGGTACCGAGCTGCTGGAGCTGCA  
CCAGACCGAGACTGGGTCCACCCCTGCCGGGAGATTCTGGCACAAGGGGCT

>CONTIG\_451\_length\_561\_cov\_0.769585

TCAGTGGATTGGGAGAGGCAGACCTACCCCTCAATCTGTGGGCACCATCTAACAG  
CTGCTAGGATAAAAGCTAGCAGGGGAATATGGAAGGACTAGACTGCTGAGTCTTC  
TGGCCTACATCTTCTCCCTGCTGGATGCTTCCCTGCCCTGAACATAGGACTCCAAG  
TTCTCGCTTTGGACTCTTGGACCTCAACCACAGACTGAAAGCTGCACTGCTGGCT  
TCCCTACTTTGAGGTTGGGACTCGGACTGGATTCCCTGCTCCTCAGCTGCAGAT  
GGCCTATTATGAGACCTTACCTTGACTGTATGAGTCAATATTCTTACTAAACTCC  
CCTTATATACATCTACCTTATTCTGCTCCTCTAGGAACCTAATACAATCA  
TCAAAGAAATAATTCAAGAAAATTCAAGAGAACTCAAAACATGAGTTGTCACACT  
GAAAAGGCCACCAAGTGCCAGATAACATGGATAAAAGAAACCTACATCAATGTC  
ACAATACCAAGACATGATAAAAGAGAAGATTCTAAACAATTGGAG

>CONTIG\_452\_length\_561\_cov\_0.640553

ATCGAGGGTCGAGGGAGAATTACCCCTGCAGGAAAAGCGCTACCGTTCAGTCTGC  
GTTCGCGCTATCTGCGCTCGCTGTTGAACGAAACAGGAAGTGACAAACCCAGCGCG  
ACCTGCTGCTGGCACTGGCGGGCGCCGTGCCGGACTCCCGCCTGGTACCGATCAGTG  
AACTGCCGGTCGCCGCCAGCAACCCATCGCAAGTCAGTGCCAGCCTGCTCGAAATG  
ACGACAGCCACGGCAAGCAACAGGTCTATGAGTGGCACATGCCAGCTGCCAGCAC  
AGCGCCCGGTACGCCGGCAACTTTCTGTATATCTGCCAGCGTCCGGCAAGCCTC  
AGCCCAGGACCAAGCCAATTACCGCCTGGATTGTTGCCATCCGAGCAGGCGA  
CGCCGCTGTTGCAGATAAGGAACATGGCCAGCAGCGGGACAGCAACAGGCAAC  
GTCTGCAGCGGAAGAGAGCAGGCTCGTACCGAATGCAGCTGCATTACCGGGCA  
ACCAGTCTGCCGGCGGGCGTCATTATGTGATCTACAAGGATGGCCAGAAAGTCGA

>CONTIG\_453\_length\_558\_cov\_0.835267

GATGCGCTCTCAAAGAATATCTGGATTGAACGCAGCCAATGTACAGGCAAGTAT  
GACCACAGGCTTCATACATAAAAGAAAGGAAATAATCATCCAGCAAATTAGTATC  
CCGCATAGATAAGGTTAAAGTAGCACGGCGGGTTGCAGCAGTAAATGCTGACCTAT  
CAATGTTCGATCTAAAATGAAAATAGAAGGCCTAGTGAGTTATACGAAAATCA  
ACCTCAGTATAGCCACAGAACCAATTGTCGATGGTCTGCAACCCCAACCGTCGAT  
TTCAAGTAGTTCATCGATACGCTTACTTAGCAGTCTCACTACACGCAAAGCTCGTC  
TAGAGCGCGTTATGAACTTGAAGGGTGACGCATCATTGCTGAGCATGAGCACGGT  
GAAGACGTGCAGGGCAGCCAAGGTCTTGGCAATCGCTCGTAGTCGCGTAGGCC  
GATGGCATCGATTGATCTAACCGAAGCTGCGTTGACAACCCGGAGGGAACGGGGT  
CAGGTTGACTTATTAAGTGAACCTGACCTGAGGTTCCCCACATTTACT

>CONTIG\_454\_length\_557\_cov\_0.976744

TGCGCATCGCGCGGCCGCTGGACGAATCGCGAGCATTATCTGGTGGTGTGTTGC  
TGCGCTCCAGCGCGATCGCATCTGCTTCGCGCACGCAGGCATTGGCGTGGTGC  
ATGCGCAGGAACAGATGGCAGTGTGCGTGCGATCTGTTGCGCGATGTGGCGAT  
GGCTGTCTGCTGATTGCCGGCTGTTCTGGCGTGGCGCAACGTCGCCGGCTCAGC  
GTGGACTACTTCATCGACCTGGGGCGCGCGCCTATTCCGATGTGGCCGACACCGT  
TGCAGCGATGCCAGCCTGTCGCGCAACTGGCCGAGAGCTATCGCGAGTTGGTCCAC  
ACGCTGCCGCACTGCGCCCGCCGCGAGTGGCAGCGCAGTACTGGCGGACTGTT  
GCATGCATAGATAAGCGCCACTTCCGGGGCGGTCCCTACAGATGTGGGACCGCCC  
CGACTGCCAAGTGCCTGATGCGCCCACACTATGTCGCAACTGAGCGTTCAAGCC  
GACTGCCGATCGTTGTGATGGACCGAGCACTGTGCTATTGGCCGC

>CONTIG\_455\_length\_554\_cov\_0.978923

AAGTGCACATGCTCTCAAAGCGCGTTCAACCGCTGCTAAAACCCCTGGAAGAG  
CCGCCCGAACACGTGAAGTTCTGCTGGCCACCACCGACCCGAGAAGTTGCCGGT  
GACGGTGCCTCGCGCTGCCTGCAGTTCAACCTCAAGCGGCTGGACGAAGATCAGA  
TCCAGGGCCAGATGACCCGGATCCTGGCCGCCGAGCAGATCGAATCGGATCCGTCG  
GCGATCGTCAACTGTCCAAGGCCCGATGGCTCGTGCAGGACGTGGTGCAC  
CTCGATCAGGCCATCGCCTATGCCGGCGCGTTGCAGGACGTGGTGCAC  
CATGCTCGGCACGGTCGACCGCACGCAAGTTGGCGCGATGCTGCAATCGCTGGCCG  
ATGGCGATGGGGTGCCTGTTGCAGGTAGTTGCAGGCTTGCACCGCATCCAGGTGCAG  
CAGCTGGTGCCTGGCATTGTCGGCGATGGCATCGACCCGACC

>CONTIG\_456\_length\_553\_cov\_52.356808

CTCCACCATCGCTTGCAGCCCGCTTGATCCGCCCTGCTGGATCGCTGGATGCGC  
GGGGAGACATGCCTTCGCGCAAGCGCCGCTGTGCTGGCCACCACTTC

GTATGGGATCGTATTCTGCTCATAGAGCTTGGCTGCGCATCTAGCACGGCCATG  
CGCGTTGTAGGGTCGCACCACCGTATGGCATACTTGCTATTGAGCGAGCAAGC  
ATCTCGGTCTCAAAGAGAAATGGCTGGTAGCTATCCACTGCCGGCAA  
ACGAGTGTGGAGTGCGCCGCTGGAACCTGGTTCAATCTGGATACCCGGGATCTGC  
CGCAATACTCGAGAGACTGCTGAGCCACCTCTCGCTGGCTCGAGCCAATCTCG  
ATCAGCTGCGCTCGCATTGAGCAACTCAGCTTGTGCGCCGAGGAACGAGC  
CAAACCGTCACCGACTAAGATGTCGGGTCTGACCGCTGTAAGGCAGTAGAGAC  
CCGGCGAGGCCTGGCGCACCGCCAAGCGCTTTGATC

>CONTIG\_457\_length\_552\_cov\_0.955294

GGTCAAGACCCGCCGGAGCCGGCTGGAGCTGGTAGAGGTCCCCGACCCGGTTG  
CTGGCCCTAACATGACGTACGTCAAGGTGATGCGGACGGAATCTGTGGCACCGAC  
GTTCACATCGATAAAATGGATGGGTGGGCCAAGACGGTGACACACCGCTGGT  
CCTCGGCCACGAGTTCTCGGTCAAGATTGTTGAACCTGGTGGAGGTCAATGATCT  
GGAGGTGGACAGTCGCTCCGGCGAGGGGCACTACGTCTGCGGACGCTGCCGGG  
CCTGCCTAGCGGGCAAACGTACCTGTGCCGAAACACCCAAGGTATTGGATATGCG  
GTCGACGGTGCCTACTGCCAGTACTCGTACATGCCGGCTGGCAACGTCTGGTACAT  
CACATCCCGGACCTTGACCCGACGTGGCGATCTTGACCCGTTGGCAATGCC  
GTACACACCGCCTGCAGTTCCCTGCCTGGCGAGGATGTCCTCGTTAGGTGCT  
GGCCGATCGGCATCATGGCGGCCCTGGTCGCTCAGTTCCAAGG

>CONTIG\_458\_length\_542\_cov\_0.795181

GCATACCACAGCTCAGTGAGGCTCCCTCATTATTCTTCATTCTTTTCTTCTGTT  
ATCAGACTGATTAATCTCAATAGACCTATCTCAAGTTCAATTGATTATTCTTCTGCC  
TGCTCAAAACTACTGTTAACCTCTTCTAGTCCAACCTCCAGAACTTGTATTTTTTGG  
TTCTTTAAAGAAATAATTAAATCTTTATTGATATTTCATTGGTGAGATAT  
CATTCCCACACTTCCTTAGTTCTAGACATGCTTCCTGTAGCTCTGAAACATA  
TTTAAAATAGCTAATTAAAATCTTGTTGGCAAGTGGAACATCTGGCTTCAG  
GGACAAGTTGATTAACTGCTTTCCCTGTATGAGGAACATTCAGTTGACAAACTCTGGA  
CCATGTCTATAATTGTTGAGAACTGAACATTTCAGTTGACAAACTCTGGA  
TTCTCCTCCCTCTCCAGGGTTGTTGTTGTCGTTGTTAGTGACCTTCTGATCA  
AATTCTGAGAGTGTATT

>CONTIG\_459\_length\_540\_cov\_0.837772

GGGCGATAACGCCTGCGCGTGGCCACACGTGCGGCCGTCAGTTGGAGGTG  
TGGCGCTGGCCGTAGCGCACGCTTAGGGCGTGCACGGCAAAGCCCTGTCCTGCC  
GAGCGCGACCGCGGGGAATCCATGCCACCGACAAGAGGACTACGGCTTTT  
TCATGACGGAATCAGGCTGTAACAAACGGAAGCGGAGAGGCTAGCAGGGTCGGCGTT  
GCACGGCGACAGCGCGCTATTGCCGCATGGCCTGCCAAGGAGTTCTGGTATCCGGT  
CGAGGCCTAGGGTTGAATGTCTTGAGCGCCTGCTATTGACGCTATCGGGCTGAAA

GAGACACTGCATGGATTCCCTGGATTCCACATCGTCACACTGCCCATCCAGTGAACGT  
TGCAGTGGCGGTCGCATGATTTTGTTCACGATTAGCGGTTATTGTGCGGATCGA  
ATCCGGAGTCAATGACGTGATGGCCGACCAGCAGGAAGACGCCGCAAATCGCGTA  
TCTACAAGGCGCTGTTACAAGCGACTCCGGAT

>CONTIG\_460\_length\_539\_cov\_0.453883

>CONTIG\_461 length 538 cov 0.681265

CCCAGGGCGGGCGCGATTACCTGCCGGTCTTCATGATTGGTGCCTGGGGCCGAA  
AACACCGTGGCGAAGGCAAGCTGCTCGCTTGTGGATGCGCAAACCGGTACCGAC  
CTGCAGCCGATGCCATCGATGCGGTGACCGGGGCGGAAATCGGAACACCGC  
CCGATGGTGGTCCGGAGTGAGGACGTCTCCGTTGTCGAACCTTCCCTACGC  
TGTGCGCTGCCCTGTAAGCGTGTCTGCCTGCAACGGCGCTGGCACCGCC  
AGCACCAGCGCCGCCGCCCCGGAGGCCGAGCATGTCAATCTGCCGATCTGC  
GCGTGGCTGCACCGTCGCCACGCCAAGCGAACGTGAGCAAGATCCCGTTGA  
TGGGCGAGGTGGATGGCTACGGCGTGACCAGCACCACCGCATGCGCAACCCAGTTG  
GTCAGCCTGCTGCAGCCGATCAAATACGAAGACGCCGGTGTGGGAAGGCGCACGGAC  
GGCAGCCGGCAACTCGCCAAGAAGCAAGGC

>CONTIG\_462 length 538 cov 0.625304

CAGCTACACCGCCCCGCTGACCGATTCCGCTCGCCCTGCACGACGTGCTCGGTGC  
GCAAGCCCTGTTGCCGGCTCGGTTACACCGATGCCAGCACCACATCATCGACGC  
CGTGCTCGAAGAACGCCGGTCGCTTACACCTCGCAGGTGCTGGCGCCGCTAACAGCAT  
CGGCGACGAGATCGGCTGCGCGTTGACAAGAGACCCCCACGCTGTGACTACCCCCAC  
CCGGCTTCCCGCGCGCGTACAACCAGTTCGTGAAGGCGGCTGGAACGGGCTCACC  
GCCGAGACGCAATTGGTGGTCAAGGCATGCCGCATACGCTGGCGTGCCTGAG  
CGAGATGATCAACGCTGCCAACCTGGCCTGGGGCAACTCCCGCTGCTCTGCATGG  
CGCGATGGAAGCGCTGCCAGCATGGCGAAAGCTGGCAGCAGGACGTCTCCTCA  
AGCCGCTGATCGATGGCCGCTGGACCGGACCATGTGCCTGACCGAGCCGCATTGC  
GGCACCGACCTGGGCCTGCTCAAGACCCGC

>CONTIG\_463\_length\_536\_cov\_41.136919

GCAGCGACACGTGCTGCCCTGGCCTGTGCATGGCGCGCGTGTCTTCCTCGCGC  
TCCTGCTGCTCGCGCCAGCTTGCCGCTTCCTCGACGAATCTCTCGCGCTGCG  
CTTCCAGCCGCTGCTCGACCGCCTGCTCCGTGATGCGCGCGGTGATCAGGT  
TGCAGATCCTCCGGCAGTCGACTTCGTTGCGCACAGCTGCACCGGGCATGGAACAGG  
CCGGCGAAGGTGCCCATTCGATTCAGCACGCGCACGTTGGCGCGCACACGCTCG  
GCCTGCTGGCTGGCGGATCTGGCGTTGCTGCAGCCGTACCAACTGCATCCTGC  
ATGCTGCTGATCGACTTCTGCCCCGATCACCGCGCCGATGTCGGCTTGCAGCGAA  
GCCGGTACCGCCAGCGCATGCGCATCGAGTCCCCTGGCGTTATGGACGCGTAGTGATCC  
CGCACCGACTGCACGCCGACTGGCGACGATCTGGGTGCGCGGTTGTCCTCTCGACC  
TTGACCAGCTGTCCAGCTCCAG

>CONTIG\_464\_length\_536\_cov\_0.911980

CTGTCCAGGTGGCATCGATGACGACCGACTGGGTTCTGGATGCAGATCGACATGGT  
TGTCGATCGCGACGATGCGCGGCTGCGGAGATCCTGTACTTGCCTGTAATCGCGCT  
CGTAGCGCGCCTGCAGGTCCAGCCGCTGTTCCGGCGACAGGAAGCTGTTAGACG  
TTGGTGTCCAGTACAGCCAGCCGCGATGCCCGCAAGCCGAGCAGGCTGGCCGC  
CAATGCCCGCCGGTCGGCTGCGCAGGCCGCAACGCCAGCCGACACGCTGTC  
GCAACCCGTGGCCCACGCCGCGGGCCAGAATGCCGAGGACAGCAACAGCAAGGC  
CAGCAGGAACACGCCAGTAGCCCTGAAACCAACTGGCCGGGAAAAAGTGC  
CGTAGCCGTTCATGTCCGAATACGGTGCGTTGGCCAGCCGCGAAGGTGTAGAGG  
TTCTGGGTGTAGTCGAGCATCGACAGCACCGATTGCCGATCAACACCAGCATCAGC  
AGCGCATAGCCGACGAACTTGTTGCTC

>CONTIG\_465\_length\_535\_cov\_1.389706

CGACAAGACCGTCATCATCAAGCTCAATGGCGGGCTCGAACCTCGATGGGCCTCG  
ACCGAGCTAACGTCGCTGCTCGAGGTTCTGACGGCAAGTCCTCCTCGACATCATCG  
CTACCCAGGTGCTCTCGGCTCGCAAGACTTCGGCGCTCGATTGCCGCTGATGTTCA  
TGAATTCCCTCAATACCCCGAGGGACACCCCTCAAGGCCCTCGAGAAATATCCAGAGT  
TGGCTGTCGACGGCCTAGAGCTGACTTCCTGCAGGATCAGGAGCCTAACGCTCGAC  
GCTGAGACCCCTGCCCGGTTGAGTGGCGAAGAATCCCTCCCTCGAGTGGTGCCT  
CCGGGCCACGGCGACCTCTACACCGCCCTGCTGGATCCGGCGTCCTCGACCATCTG  
CTCGAGGCTGGATACCAATACGCCCTCGGTATCCAACGGTGACAATCTGGTGCCT  
CCGGACGGTCGTCGCCGGCTGGTTGCCGGTCAGGTGCTCCCTACGCTGCCGAG  
TTGTGCCGTCGCACTATTAACGAC

>CONTIG\_466\_length\_535\_cov\_0.852941

GAACATCTGTTATCAAAGTAAGAAACATATCTATCTAGCTCAGATATTCAACTTGAT  
ACAGGTTTAATTCCCTGAGTGTGACATATTGAAATATGTCAAATAACAAAGTTAG

ATATGGACCTCGGAGAATTGGACTCCCAAGCATTGGACGAGTCTGTTGAAGCAATA  
GTTGGTATCAATCCAACCTATTCTTCGCTCCAAGTCCCCCTTAGATAGAAATGG  
AAGGTACTGGCAGGATTCTCCGCCTCTGCTCCATGGGGATCACGAAAACCTCCAAA  
CAGGATTATATCTACTCTAACCTGGATCTCAGATAACGCCCTTGATCCTGAGA  
GCTAGAGATAAAATGGCCTCAACCCTCTAACCTGGATCTCAGAGCCTCTGCG  
CCCCTGTTAGGCTCCGGACGGTCCGGGGCTACATCTCAGAGCCTCTGCG  
TTCTGAGCTCTGCTTCCTCATTCATTGTCATGCTGAGCAGGCCAATCTGCACAT  
GAAACTCAGCCCCCTCCGCTG

>CONTIG\_467\_length\_534\_cov\_29.375921

GGTACCGGTTCGCGCCACCGCACGCCAGCGAGCCCCAACCGCTACAAAGAGCTGATT  
CACTATGCAGGGTTCCCTGGCGTGATGGACACCGGCCAGGCACACACGCTGGTT  
AAGCGTGACAGCACGCAAGCCAACAACCTCACGCTGTACCCGCACAAGGAGCGCGA  
GTTTGGTTATGGGTGGCGAGCTGGCGCTGTTCCCTGCAGAAGCCGTCGGACCTGGG  
CTACAGCGACGAGGGCTATGACCTGCCGGAACTGACCGTGCACACTGTTGAGGTGC  
CGGTGGACCACAACACGGCCGGCGCCAGCGGGATGCCAGGGCAAGTTGTTCCGC  
GATGCCCGCATGGGTTGCAGAACCGGGCTAAGGAAAAGCGCGACACGCTCGCGC  
GGCGTGGCCGCTGTGCAGCAGGTCGTCGCCGCACGCCAGATGAGCATTGGCTGA  
TCTGGCACGACCTCGAGGGGGAGCGGCACGCGCTGCAGGCTGCAATCCCGCTGCG  
GTCAGCATCTATGGCGACCAGGAGCTCG

>CONTIG\_468\_length\_533\_cov\_0.418719

GGTTTAGGTAGCCATTGACTTCATCTATTCTTCTCTAAAAAAATATTCTTGAGG  
ACCTACTGTGTGTCAGCAGTGAGCTGAGCTCTGAACAAAATGGCTCTGGATCTTT  
CCTCATTCTTCTCTCCCTCTTCCCTCCCTCCCCATCTCTCCCTCCCTCTTCT  
TCTTCCCTCTCTCTCCCTCTTCCCTCCCTCTTCCCTCTTCTCTCCCTCTTCT  
CCCCCTCTCTCTCTCCCTCTTCCCTCTTCCCTCTTCTCTCTCTCTCTCT  
CTTTCCCTCTCCCTCTTCCCTCTCCCTCTTCCCTCTTCTCTCTCTCTCT  
TCCCTCCCTCTTCCCTCTCCCTCTCCCTCTTCTCTCTCTCTCTCTCT  
TTTCTTCCCTCTCCCTCTCCCTCTTCTCTCTCTCTCTCTCTCTCT  
CTTCTTCCCTCTCCCTCTCCCTCTTCTCTCTCTCTCTCTCTCTCTCT

>CONTIG\_469\_length\_532\_cov\_0.829630

GTCTTGCTATTGTGAATAGTGCCGAAATAAACATACTTGTGCATGTGTCTTATAGC  
AGCATGATTATAGTCCTTGGGTACATACCCAGTAATGGGATGGCTGGGTCAAATG  
GTATTCTAGTTAGATCCCTGAGGAATGCCACACTGACTCCACAATGGTGAA  
CTAGTTACAGTCCCACCAACAGTGTAAAAGTGTCTTCTCCACATCCTCTCCA  
GCACCTGTTGTTCTGACTTTAATGACTGCCATTCAACTGGGTGAGATGGTAT  
CTCATTGTGGTTTGATTGCATTCTGTATGCCAGTGTGAGCATTTC  
TGTGTTTTGGCTGCATAATGTCTTCTTGAGAAGTGTCTGTCATGTCTTCGCC

CACTTTGATGGGTTGTTGTTTCTGTAAATTGGTTGAGTCATTGTAGAT  
TCTGGATATTGCCCTTGTCAAGATGAGTAGGTTGCGAAAATTCTCCCATTGTA  
GGTTCCCTGT

>CONTIG\_470\_length\_532\_cov\_0.785185

ATGTTCTGCACATCCGCCAGGTGCAGACCGGTGGTGGCTCGTCGAGAACGTAGGT  
GTCGCCCTCTCCCCCATCTGGATGGCGAGCTTGATGCGCTGGCGTTCTCCGCCGGA  
GAGCGTCGACAGCGGCTGTCCGAGCGAGAGATATCCGAGACCACGTCTCCAGGC  
GTCCGAGGATCGCCGCCGCTGCCGGAAAGCTTGGCATCCCCCTCGGAGAAGAAGACA  
CGCGCCTCGGAGACCGGCAGATCCAGCACCTGCGTGATGTCCTGCCGGCGAGCGT  
GTACTCGAGGACGGCAGCCTGAAAGCGCTGCCGCCGAGTCCTCGCAGGGAGTCT  
CGATGGTGTCCATGAAGCCGAGCTCGGTGATGATGACGCCGCCCTGCACATCG  
GGCACGCACCTCGGAGTTCGCCTGAAAGAGAGGCCGCTTGACGCCGTTGGCCTCG  
CGAACGCCCTGCGGATCGGCTCCAGCAGGCCGTGTAAGTGGCGGGTTGCTGCGG  
CGCGAGCCCTGATGCCCTGTAT

>CONTIG\_471\_length\_529\_cov\_0.768657

TTTCCGGGATTGCAATATCTATGCCGACGAAACTCTTGGCGGGTCCGTCGTCA  
CCGAGACACCATGCTCTGCCCTGAGTCAATCTGAAGCGGTGGAATTGTTACAGACGG  
CCCGCGATGTTATGGCAGAGGCCATGTCTCAGGGCGGTACCTCTTCGACTCCCTT  
ATGTCAACGTTAACGGGAATCGGGGTTTCCGCGTTGTGGATGCCATGGCC  
GTGAGGATGAGCCCTGCCACCGATGTGGGATGCCATCGTACCGAGTCTTCATGA  
ACCGGAGCTCGTCCGGGCCGAGGTGTCAGAGACTACGGTGATCCTGCCGTAC  
TGGCATGGCTAGCGCAGCTGTGCCCTGCGCTGGGCCGGTGGTGAATGCTGCG  
TCGGTCAACATCGTGGGTAAAACCGCAAGAACGAGCTCCGATGAGGCCGTTCGC  
TGGCACCTCAAGGCTGCCGAGTTGAGTCCATGCCATGAAGGCCGAAAGTTGT  
GCCCTCTGCGTGGTC

>CONTIG\_472\_length\_526\_cov\_0.771930

GGCCACTCCTCGTCGGCCTGCTCGCCTCGATCTCCGGCAGCTCGTGTGCGC  
GTAGACCACCTTGGCTTCTCCGGTCGAAGTTGGCGGCAGCTGGCCAGGGTCAC  
CGTCTGCCGGCGCGCGGGCAGCTGGCGATGGAATCCACATGCCGAAGC  
CCATGCCAGCAGCGGCCGATGTCGCGCAGCGCCCTGGCGGCCATCGTGC  
AACGTCGCGATCTGGCTGACCGCCGGCGCGTATTGTCCTGACGTAGTCGATG  
ACGCGGTCGCGGGTGCCTGGCAGAAGTCGATGCGAAGTCGGCATCGACACCCG  
CTCCGGATTCAAGGAAGCGCTCGAACAGCAGGTTGAGCGCAGCGGGTCCAGGTCC  
TGATCAGCAGCGCGTAGGCCACCAGCGAGCCGGCGAGCCCCCCCCGGCCG  
ACCGGGCAGCCGTTGAGCTGGCCCAGCGGATGAAGTCCGACACGATAGGAAGTA  
GCCCGGGAAAGCCCATCTT

>CONTIG\_473\_length\_525\_cov\_0.851759

GTTGGTTTGAGGTTTTGTTTTGAGACAGAAAAAAAGCGACAGAGG  
CAAGAACCTCTTACTCTGCACCCAGGCTGGAGTCAGCGGCACAATCTCAGCTCAC  
TGCAACCTCCGCCTGCATTCAAGCAATTCTCCTGCCTAACCTCCCAGTAGCT  
GGGATTACAGGCACCCACCACCATGCCACCTAATTATTTAGTAGAGATG  
GGGTTTCATCAAGTTGCCAGGCTGGTTCGAACCTGACCTCAGGTGATCTGCC  
GCCTCAGCCTCCCAGAGTGTGATTACAGGTGTGAGCCACTGCGCCTTCAAAA  
CCATGGTTTGGTTTTGAGACACGGCATTATATTCAGCACCCAAACTGTCA  
AACAACTAATCTGCAGCTAGGAGGCTCATCTGTCAAATGTCCAGCACAGGAGGCAC  
AGGTCTGGTCCCCGGCAGGTGTCGCCACAGCTCTGCTGCTCCACGCCACGGGCC  
ACAGGGAACCC

>CONTIG\_474\_length\_525\_cov\_0.457286

CTCCCAAGTCGCGTCCACCGAATGAATCTCGTCAGATGATCATGACGAAACGAGTT  
CCTTGGCTGGTCGTCTTCTCGCGCTCGTAGGGGCATTAGCCATCTCTTCAAGAC  
GAGTCCCGTCGTTGAATCAAGAAGATGAAGACGCTGCATCCATTGACGGACCTT  
GACCACATCGCCTCACGCTCACGTCTTCTCACACGTCGACGTCGCCAGAGTTT  
GCAAAATGCGCGAAATCCTATGCCCGCCGGCCAGATGCAACTGCAGCTGGCCTG  
CATGTCCGGCACAGTGAGCACGTCGAGCCGGACAACAGGCCACCGTGCAGGCA  
GCAACCGTCGCCGAATCCGCTACAGCGATCGCACGATGCTGGCCAGTCGGTC  
GCACCCAGCATGCCGGCGCCGCCAGCGGATGCGTGGAGGCCACCGCGAACACAAA  
ACGCAGCGTGCCGATGGCTGGCGACATAGCCACCACACTGGCCCCTAGCCCG  
CCGCGACGATCAGATC

>CONTIG\_475\_length\_521\_cov\_15.802030

ATGCGTCGGTCGGCGAACCATCGGTGATGAGAAACACCCAAGGTCGGTAGTAGGAA  
ACGCCGTTGGCTTGTAGATCTCCTTGCCTGCCGAACCCTCTCCAAGCCTGCTCAA  
TCGCTGCCCAATTGGGGTGTCCCCGGTGCACGAAAGCACGGGAGGATAGAAGCTA  
TCTGCCGTGACAAAGTCGGTTACGGTCTGGACCGGACCGAAGGTGACGATGGCGAC  
CTCCACCCGTTGGCGCGAGTGAGTCCGAGTTCAAGTCTCCTGAAACTGCAGCAG  
ACCAGCGTTGAGCTGCTCGATGGCTGCCGCTATGGAACCTGAGGTGTCCAGCAA  
CAGCAGGCATGCGCACCGGTTCTCTGGGTTCTCGCAAAATCGCTGGCGCCAAAAG  
GCACCTGTTCAAAATCGTCATTACGATGGATCTCCCTGTCATTGGTTGAAGCGCC  
ATCATAGCTCCGCCAATCAACCCAATCTATGATGGCCATGGTACTCGCCCTACCC  
CTACCTCATT

>CONTIG\_476\_length\_521\_cov\_0.736041

GGTCTCCTGGTCGCCCTCAGGCCAGGTCGCCAGCAGGAACCTGCATCAGGTCGC  
GGTGGCCGGGTAGCGCACGGTCTGTAGTCGAGGTTGCGCACCTGCCGCCAG

GTCTCGCACAGCGTGCCAGGCCGGAGGTGTTGAAGGCCTCGTACTCGGTGCC  
GTCCAGGCTGAAATGCTCCAGGCCTCCAGCGCAGGGCGAGATGAACCTGCCGC  
CGTGGATGGCTTCGCAGGGTGGCAGTACTCGTTGATCAGGCCGTCGACCGACCAG  
GTCAGGTTGACTTGAGCTTGGTGGGAAGGCCGGCAGCGCACCGACGCGCATC  
TGCACATCGCGCACTCGTCAACTGGCTGCCAGGTGGTGGCGACGATGCCGAT  
GAAGCCAGGCGCCAGGCCACTCGGCATGAAGGCGGTCTGGAGCCCTGGCCA  
TCTTCATGATGGCCTTGGTGGCGGCCACGTCCCTGGTCAGGTCGAAGTAGTGGCAGC  
CGCACTCCAGTGCC

>CONTIG\_477\_length\_520\_cov\_0.732824

GTCGAGTTAAAGGCAGCACAAAGCCTTCTGCTTCTGGCGAGGGCGCTTATGCC  
GTGCTGCTGAAAGCGGACGATGTGAGGGCCGTATGGCACGCCAGGTGCGCTCAC  
TAAAAAAAGGCAATAAACCGGAAAGCAGCGTGGCTAAGGCTGTGCCGCACCGGTTA  
TTCAGGCAGGCTAAAACCCCTCAGTGGCGAACCCCGTCTGCTGACCGCACCAGAAATG  
GACCGCCTGAAAACCCGACTGCTGCAACGGTCAATCATAATGACGATGACACGTG  
CGACAGCCTGTATTCACCTGCAGAACACAGCGATCCGAAACTGACGGACTCACTTT  
ACGCCACTGGACGACACACAGCCTTGCTTCGGCGCTGCTGGCGTGCCGCTTAT  
AACGAAGGATATGGCTACTGGTCATTGATAATCAGCTGAAAGGCACGCCGGTGCT  
GGTACCATCTCCGGTCGGATTACGACAAGGGCAGATTACCAATGTGCAGAAAG  
GCCCGGGTATTGG

>CONTIG\_478\_length\_519\_cov\_0.859694

GTGCTGGGTGCCTTCTTGTGGAAAACCATATTGGCCAAGTCTCTAAAGCTGATG  
CACACCCCCCTATTCTGTGCAAGTGAGTCTCTCAGAGCCTTCAGCACCCGCCTCCA  
GTGCCTAGTGAGGTAGTCATGCCACCCGGAAAGTGGCAATGCTGCCCTAAGAACAA  
GTGCCACATTCCAGCAAACGTGTCATCCCAGAGCCTTGCAACCTCCTCTCCAAACGC  
TTGCAAAAAAAACAAGTGTGAGCGCTAACAGACTCCTGCCGGAAACCAGGTAGCCA  
GAGAAGCTAGTGACGCACCTGAGGAGGAAACCAGGGATCAGGACACTCAAAGAC  
CCAGTGCTGGCAAGGTGCCCGGGCGAGGGTAGCTGTCAGGACATTCTGCATCATC  
CAGTTATGAAAGCTGATTCTATTAAATTCAAGTTAATTAAAACAGGGGGCCAGTTC  
CACCCAAAGGCAGAACGCTGTCAGCGGATGCAGAGTGAGATCTGAGGACCAGG  
AAGCAAAAGTAG

>CONTIG\_479\_length\_518\_cov\_9.856777

AGATCTCATACCACTGGTCATCTCGCGCTCGCTGCCGAACCTGATCGTCCAGACTG  
GATGATCCACATCTGAACGCTGACCGTGATCGTTCTCCGCCTGAGTTGTGCC  
AGTGCCTCTCCCAAGAGCGAACATCCATCAACGGTAGATCTTCACTGTTCTGCCGA  
CACGAATTTCACCAGCGACCGCTCAATCGAGATGCCAAAGCTCCTGCGCCCAA  
AATACGAGCGATCAAACCCGACCAAAAGACCTCCGTTGGTGCAGCAATCGGTCA  
GCCCGATTGACGGCAACGGCGACCAGCACCGCTGTGCCAGGGCAAGCAAGATGAG

AAACGTGCTAACGGTCATGTGAACTCCTGAGAACAGAACATGGGACCATCGTGGATTG  
CAGACGGATGGCTATTGGACGCCGGCGGTGATCTTCCAAGTGCCGCCACCTGGTG  
AAGGTGTAGACCCCATTGATGACCAAAGTCCCCTCATGGCTAACCTTG  
GCACTTAC

>CONTIG\_480\_length\_517\_cov\_43.335897

CCTGGACATCACGACAAATACTTGACCGGAGACAGTGATGGTAGATGTTCTCGCT  
CGCAGCTACCGCCGCTGTCCTGCTCGAACCGGAGCTGGCCTTTCTCCTGAAC  
AATCCGGGGGGCGAGATGTCCACCCCTTCGCGGGCTGGCGCACTACGGCCCCTTCT  
CGTCCCAGACATTAGCCAGTTACGCCACCGTTCGTATTGCCACAGTGGGCCAG  
AAAGGGCGTTCAAGACTCGTGGCGCTCATGGCATCGCTGAAGCAGAACATTG  
GCCAGCGACAGAACGGCTACGCACCAGATTTCGGCTCGCCAGCGTCTCGGC  
GTGGACTTGGCTTCCGACAAGCGAACACATCCGTTGGCCGGATTCCATCGAC  
GATCTTCCAGGCTCCGGCACCCCTCAACATGCCCTGGTGGCCGCCCTCGAGGCAGCC  
CTCTCGCAACTAACGACAAGGCACGAGCAGTTGATGTGGCTCTAGTCCATCTCCA  
GAGGC

>CONTIG\_481\_length\_515\_cov\_3.832474

ATCTTGACTACCACCCGCAAGCGATTCAAGGACACTCGCCCTGGCGGACTAGAACAGTA  
GGCTTCGGCTTCGATCCAGCGGGCAATCTCACCGTGCTGACACCCGGCTGGAACAC  
AACGCCAGAGATCGGCCTGGACTATGACGCGCTGGCCGTCTAACTGCCCTAAAG  
ATGGCGGCAGTGGACGCTGATCGACGGCTACCTACGATGCCACCGCAACCGA  
CTGACCGCAAAGGTGGGCACGGCTACCCAGGCCTATATTATCCGGCGACGAGCCA  
TCGCTTGAGTGCAGTGGCAGGCGTCGACGCACCTACGATGCCAGGTAATGCTAC  
GGCCATCGCGGCCACCGCCAGGAATACACCTATGACACCACGGGCGCATGACCC  
AGGCCCCGCCGCGCTGACCGGGTGACGATGAACATCGCTACAACGGCCGAGGTGAG  
CAGGTGCGCCGGTTCTGGGAGCTACCAACACCTATACGCTACGATGAATCAGGC  
CATTGGCTA

>CONTIG\_482\_length\_515\_cov\_0.927835

GATCGAGCGGATCACCGCACTCGGCAAGCGGGTGGTTGTGCTTGATGATGTAGG  
CGTTGGCGCCGTCTGCAGCGCCATGACCGCAGTCTCCTGCCATGGTGGCGAGA  
CGAAGATGAAGGGCGTAGCGCCGTTCTGGCGCACCAAGACGCAGTGCCTGGTGGCCG  
GAAAACCCGGGCATGCTCAGATCCGACAGCACGATGTCCGGCTGGAATGCATCCAG  
CGCGCTGCGCAGCGAGCGTTCGCTGTCCACGCGCTCGAACGCCCGTCGATGCCGG  
CATCCAGCAGCTGATGGACAACAGCTCGCATCTCCGGTAATCTCCACCAAGAA  
GGATCTTCAGCTGCTCCAGTTGCCACCCCTTGCAGCATGGTTAGTCCAGCTCCG  
GTGCCTGATTGATGACCGCCCAGAACGTGCCAGCGTCTGACTGCATTGAAGAACT  
GATCGACATCCACCGGCTTGACCAACATAGGCATTACGCCAGGTCCCAGCTGCCG  
GCCAGGT

>CONTIG\_483\_length\_514\_cov\_0.868217

GTGTCAACACAGGCAGGCTGGATCTGCCAGTCTCGCTCGGAATTCCGCCAACAG  
GGTCGACTGGATGCGCGGCCAAGAACATCGACGGTCAGCATGATCTCGCGCTCAT  
GACGGCCGGCTTCATCCAACGCAGCCAGCGTTCTGTGGGTTGGGCTCGTCAGGAT  
CAAAGAACTTGAACAACACTCAGCCAACACTCGGGCAGGGGCCACCACAGGGATCAGG  
TGCCGGCGGTAGAGCATCTGGTAGTCGGCGCGCAAGGGATAACCAGGCTTGCTCTCC  
AGCTTGGCACCGGCAGCACGTTGGACGACTTCAAGGCAGGTACCGAGCCGGCCCGC  
CAGGTAGAGCACAAAGGACTCGGTGTAGGCAAGGTTCCGGCGCTCGGGCGACTGCG  
CCAGGGCCGGCGCCGGCGCCGACCGCCAAACCGAGGGCAAGCATCCCAGCA  
CGGGAATAGCCGCCAAGAGCACTGATGTGGGTAGAACATGGGCATGAAAGCTGG  
TGCGCCAG

>CONTIG\_484\_length\_513\_cov\_36.784974

GTTGGTTGCCGGCTTGGAGGCCTGCGCCTGGTCGTGCTTATTGACCAGGTGGGCTA  
GGTAGGCCTCGTTGAACTGCACGGTGGAGCTGGTGGTCTGCGGATGGCGATGGCGT  
CGCGCTGCGCTTCTTGCCGGTTGCACCACACACGGCCTGCGCCAACGGTCCCATGC  
CCAGCGAAAAGAGAGACGATTCCCTGCGGGCTGGTCAGGTAGTAGTCGCGTTGGGC  
GTGCTGCTGGCGAGGATGTCCAGCTGCTTTGTTCAAACCGAACATCCGGTAGAAC  
TTGGCCACCTCGTCGTTCGGGCGCTGCTGTTGGCAGGAAGATCTGGTCATGCAC  
GCCTCGATCAGCGTCGGCATGATCTGGATTGCGCCACGTCGGCCAGACTCTGTG  
GCAAACCACACCGCGACGTTGGCTTACGCAGCACCTGAGCCATTGCGGGATCTG  
GCCGAGAACGCCGGGTATCGAGGAACAGCCATGCTTCATCGAGCACCAGGATGCT  
CG

>CONTIG\_485\_length\_513\_cov\_24.272021

AGTCCTGCATCATTAGCCGACGCTGTTAACGTACTCGGCATGGTTAGGTGGCGC  
TGATGCGATTGGGGTCAGCATGTGAGAGATTGCGCGTCGACCCAGACCTGGGTA  
CCCAGCTCATTGAGCGCTGTTGAAATCGTCGCCCCGATGCCATGACCAAGTGAGACG  
ACCGTCGTAGCCCAGCCGCTTGATTGCGCGGTGACCGTGTGTTCGCTCATGCGGGC  
ACTGATCTGCTTACGCCGGAAAGAGATACTGTTGCGCGGGTTAAACTGATCAAG  
CATGTGCCGACGATCTCGATGGCCTGCACAGGCAGCGGCACGATGTAGGGCGGGA  
TGTCGGTTACGCGCTTCTGCTTCTGGTCAGCATCTTGCCTGCTTGAGCGACAT  
CACCGGGATGATCCACAAACCTGTTCCAGATCGAATTGGTCCGGCGTGGCAAAC  
GTAGTTCGCCTGTGCGTACACCCGTAGCAGCAACAGGCGAATGGCCAATTGGGTC  
ATCT

>CONTIG\_486\_length\_513\_cov\_19.494819

CGAGCATCCTGGTGCTCGATGAAGCATGGCTGTTCTCGATACCCGGCGTCTCGG  
CCAAGATCCCGAATGGCTCAAGGTGCTCGTAAAGCCAACGTCGCGGTGTGGTTT

GCCACACAGAGTCTAGCCGACGTGGCGCAATCCAAGATCATGCCGACGCTGATCGA  
GGCATGCATGACCAAGATCTCCTGCCTAACAGCAGCGCCCCAAACGACGAGGTGG  
CCAAGTTCTACCGAATGTTGGGTTGAACGAAAAGCAGCTGGACATCCTCGCCAGCA  
GCACGCCAAGCGCGACTACTACCTGACCAGCCCAGCAAGGCAATGCCCTTTTCGC  
TGGGCATGGGACCGTTGGCGCTGGCGTGTGGTCAACCGGCAAGGAAGCGCAG  
CGCGACGCCATGCCATCCGCAAGACCACAGCTCCACCGTGAGTTAACGAGGC  
CTACCTAGCCCACCTGGTCAATAAGCACGACCAGGCGCAGGCCTCCAAGCCGGCAA  
ACCAAC

>CONTIG\_487\_length\_512\_cov\_0.792208

GTACATTATTAAACACTTACTCACATTGTGCTTTCAAACCACACTAAACTGACAG  
TAAAGACATAGACCCAAATGGACAAAAAGGATCAGACAGGTGATAATAGCTACAA  
AATTTTGAAAGCTGGAAAGCTTATGAATAAAGCTAGAATATAAGTTAGCAGTGGAA  
TAATCATGAAAGTATGTGGATTGCACCACGGAATCCGAAAGACTTAGGAAGTA  
GAGGTACTAATGGAACTGTGAATAGAATTATGAGTTATCAAATTGTCGTATAATCA  
AAGCAGATAGACTCTCAGATCCGTACACCATATCACAAACCTAGCAATTGTCTCT  
CATTCCCCCTGATCTAACAGAGCCTGGAGATTACCTAAATACCTCTCAACAGTGGG  
ACTTCAGCCCACTTGTCTCTCAGCCCCTAGACTGTTAGCCAGGCTATACTCTA  
CCCTGTCCACAAGCAGGAGATTCTAGCGTATTCTCCCTAGGGAGATTAGCCCAAGA  
G

>CONTIG\_488\_length\_512\_cov\_0.766234

ACAACGAAAAACTGTCCAAGGCCGACATGCAGAACCGTGTGAGCAGGCCGTGCGG  
CAAGGGCGCTGGGGACGAGGTCAAGGACAAGCTGGGCAAAGCGCACTGGGTC  
TGTCCGGTGGTCAGCAGCAGCGCTGTGCAGCGCACGTGCGGTGGCACTGCGACCG  
GATGTGTTGCTGGACGAACCGACCTCGCGCTGGATCCGATTCCACCAAGCCGC  
ATCGAGCAGCTGGTGGAAAGAACTCAAGCGCGAGTACACCATCGTATCGTACCCA  
CAACATGCAGCAGGCCGCGCGTGTCCACTACACCGCTTCATGTATCTGGCGA  
CCTGATCGAACACGACCGCACCGAAACGATCTTCCCAGCCGTCCAAGCAGCAA  
CCGAGGATTACATCACCGGTGTTGGCTGATGTAGCGCCAGACATCGAACGCCG  
CATTGACGCAGCTCCATCGCACCGCCGGCACGACATCAACATCACGTGCGATGTC  
CCAAG

>CONTIG\_489\_length\_511\_cov\_0.992188

GCATGTCGTCTCGCCGATCTGCTCATCCACCCACACCGCACCCCTGCTCGGCCATCA  
CTCCCAACTGATGCTCCAGCTCGCGCATCAGCAAGCGCACGCCGGTTATGGATCG  
CTCGGCCATCGCGATAGATCACCCGCCGGCCCGCCTGCGAGGGCTGCTGAGCT  
GGAAGGCGCGCAGCCGCCACGTGCGATATGCCGGCACCATCATGCTCGGCATC  
ACCGCAATGCTGTCGGTGCGAGCAAAATCTCGCGGGTGAAACTGGCCAGCTGGA  
ACGCAACTGATCGCGCGTGGCCAGGCCGTGTTCGCGCATCACCTGGCCACATCGC

GCTCCACATGCTGGCTAACGTGGCAACACACCTGCCGGTAGGCAGCGCTCGGCA  
ATGCGCACCGGGCCGGTGGCAAACAAGGGGTATCGCTGCGCGACCAAGGCGAT  
CGGATCCTGGTACAGCACCTGCGGATCAGCGATCGAACGGGCCAGCGGATACA  
GCCG

>CONTIG\_490\_length\_511\_cov\_0.747396

GGAGGGGAACGTCAATTGGTGTCCCTGGCGAGCGTACTGGCCGTTGAACCATCAGT  
CATCCTCGCCGATGAGCCAACGACCCCTGCTGGATTGCGAAACCGGGAGATGGTGC  
GGCACGCTTTGAACGCTTGGACCAGCAAATCCTGTGCTGCACCCATGACCTGGAAT  
TAGCGGCGTCCTTGACCGAGTGTGGCTGTCGAAGACGGTCGAATTGTCAACGACG  
GCGACCCGGGGAGGTATTGCCGACTATCGGGCCCGGATGATGTCCGGTCAAGGC  
GGGGACGTGCCTCGACGCGGTGGACAGGATAAGAGCCATGAAGACTGACGCTTCG  
GCGTCTCGGCGGATACCGGGCTGGAACAGTCCTGCTCACCGTATGCCAGTCTGG  
TCGAAGTACCTACTCGTTGCTCGCGTAACCCGTTTCGTCAAACAGTGGT  
GGTTTCCTGGGTTGCCTGGTGGCCGTCATCAACTGGTTGTTGCCAAGAT

>CONTIG\_491\_length\_510\_cov\_0.749347

TTGACGTAGGTGATATCGGAGTCATCGATCTGGCCCACGCCAGCGCAATACCGGCC  
TTGGCCTCGGCAGCGCTCAAGGTGACCGTGGTGCCTGCGTACCGGGCATACCATCCAT  
GCCGTCAAGCCGCTGGATTCCCATTGCTGGGTGGTCGGATGCTGTCCCAATCACT  
GTCGTCGAACGTCGGTTCGCGCCACTGCGGCATGTCGCCGTCCACCTGGGCCAGCG  
CGCGATGCGCTTGCCGGTGCCTGCGCGGCGATCGCGTTGCTGATCGCTTC  
GATCGCGCCCTTATTCTGGTCGGCGTTCAACCCCGAGCGAGGCCGCATCCATCCACGC  
TTCGATCGCACTGCCACCCAGGTGCTGTTGACGATGCCATGGCACGCCGGTGCT  
GGCACGCAGCTCCTGGCGAAGAAATATCCCACTGCAGTGAACTCGCCGGCATTCTCC  
GGCGTGGCGGCTTCCAGTCGCCGCCGGTCAGGCGCGCTCCGGCTGCACCGACC

>CONTIG\_492\_length\_507\_cov\_30.942105

GCCCTATGGCCCGTATCGCGATCTAACGTGTGCAATATCGATAAAACTCCGAGGGCT  
TTACCAACCACCCAACGGAGCCAAAAGCTATGCCCTGCAAAAGCCGCTGGCGACAA  
GTTGTCGCGAACGTAGCCCCCTAACGAGATGAAAGCGATTGACCGCGATGCACAGCG  
CGCCGGACTCAGCCACGCATGTTATGCAACACCTCATGGAAGAATTCTGCTGCA  
ACCCACGACCCCTGGTCGCCGGCGGGATCTACCGCAAGTTAGATCGAGAACGCCCTGC  
GCTTCACCTCTGTTCCATCCACAACGGCGTGAGCAAGTACGCCAAAAAAACTAG  
GCGTCACGATCAGCGTCGTACCAACCGCCGTAGCCAATCGCTACCCGCTCTAGG  
AACAAACCACATGGCCCGTCAAACATCGGCACTGCCGAAAATCCCCGTAAAACCGA  
ACGTGTACCAAGCGACTGCAATTGACCCAGCGTTAGTCAAGCGCGTTGACGCC

>CONTIG\_493\_length\_505\_cov\_10.134921

CGCAGGGTTGTCGCCGCGCGGGTAATGGCCTGACGCCATGCCATTGAAAAACC  
CGCCTTGCCGCCGATGTAGCTCTGCTTGGTGAAGCGTTGGCGTCGAAGCACCC  
TCTCGCGCATGTCTGATACCAGCGGCCAGGTCCGAGCGCGTATGGCATGGACCT  
TCATTGTCGGCCCCAGGAACGCCACCAACGCCCGATGCCGTCTTGTATCGTGT  
AGGTCTTGGCAACGTCGAGCCCTGAGCGTCGCCAGGAATCGTCACGGGCTTGC  
CCAGCGTCATTGTTCGATGGCCGGCGAGAGACCAGCCTACTCGGGCCGCATGCG  
GTGAGCCAAACATGGTGGCGCCACCGGAACGTCCCAGCCTGCAAGGCAGCG  
CCGGCCATCGCTCCAGTCCATGAGCTGCCTATAGAGCTCAAGTCCTCGGACTG  
TCGATCTGCCACTGCTCCGTCAACGTCCCACCGGCTGGCGGGTGCCTG

>CONTIG\_494\_length\_504\_cov\_1.066313

GTATTACCCGAACATCCTCGTCAGGGTGAATCCAGTCCACTCGTAGCCCCGTT  
GGCTCGAACAAAGTATGCGCACAACCTCCGGACAGACGTGCCTGCTGAGAAGTCG  
AGATACTGGTCGAGCGAGATGTACCGAGATGGCTGGCGATGGCATCCATTGTCTCGC  
CCTGCATGTAATACATGGACGCAGCTGTCACATCATTGGACAATTGTTATGC  
CTCCCCCTGCCATGCACATAAGTCAGAATCGCATTCCGTGGGGCCGTTGATGT  
TTGATTGAGTCATGTCAGCCCCACAGGGCGGGACGACGGTCCCCGTTCCAAA  
TTCTACGGGATCGGCCGCCACCGCGACTAAACCGGTGTCACGGATGACACCAACG  
ACGAAGGAGTCCTCATGCTCTCGAAACTGCGGTGCCGCCAACGATCTCGGGT  
CGGAGTTTGGCACCTGATCCTCATTCTCGGTTGTGGCGTCGTCG

>CONTIG\_495\_length\_504\_cov\_0.803714

GAAATATCCCAGCTGGTCGATCGCGGTGTACTGTAACCCGATGTCGTGCGCGCT  
TCCCCTGGTGTGCCGCAGTGAGGCCGTTGAAGGGCGGCCTCCTGCTGCGGGTGA  
TCGGGCTGCCCTACACATCACACACAGGGAGACACCATGACGCACATTGAGCCCCGT  
CCCTGCCAGCTGACTAGCCGATGCCAGCGGGCGTTATAAACCTTCGTTCCGCAC  
ACGTTGCCGGACCGTACCTGGCCAGACAAGACCTGGACCATGCTCCGCGGTGGCT  
GTCCACTGATTGCGTATGGCAACCAGCGCTTGTGACCCATGACTCCGGCTCG  
CAAGATGCGGATGTTGAACTCTTGTGGATGGGATACAAGGAGATTGAAATTG  
GCTTCCCTCAGCTCTCAAACGGATTCGACTTCGTTGGCAGGTTATTGAGTCGG  
CATTCTCCCTGACGACGTCACTATTCGGTGTGACCCAGGCCGTGAGG

>CONTIG\_496\_length\_503\_cov\_0.920213

TTATAGGCCATGCATTTAATGCATCATTGATGGATTTAACCTTATATTGAT  
GGATTAAGCTACTATTGCTCTGTTAATTACCGGAATTGGTCACTCGTTGACTAT  
ATTCCATCGGTTATTGTCACAAAAAGAGCAACTGAGTCATTCTATATACTTATT  
AATGTTATGACAGCGATGCTGGTGTGTTAAGTGTAACTTAAATGCTCTAC  
CTCTTGGAGCTCACATCGATTCAAGTTCTGTTGATATCATTGGAATAATC  
GTGCTCGTTCACTATATGGTGTCAACAAACAATGATTACACAGTATTGGTGGTG  
TTATGATGCTGGTGGATTCATCATCGAACATCGCTGGTACATTAAACATTC

ACGAAATTATTCTCAGTTGAATTGATTCAAAGTACGCCGTCAATTGGATTGCAA  
TCATTCTTATATTACTTGGCGCGTTACAAAGTCTGCTCAAT

>CONTIG\_497\_length\_501\_cov\_1.168449

CAGGTTCACGACGGCACGTTGCAGCGCGAGGCCGGCAAAACCCGAGGCCAGCT  
TGAGATTGGATTCCGGGCAATGCACCACGCTACGCCGCGCTGGCGCATAGATGG  
ATTCTGCCCTCGTAAGCTGGGTATGTCAGCGATCAGGCCGTTGACCAGG  
CCCAGGCGATCCAGTCGCGCCAGCGGGCGCTGCCGTATTGCTGATCGAATCGGCC  
ACTTCCTGCGCGGTCTCGTGGGTATGCAGATGCACCGGCAGATCGAGCTGATCGGCC  
AGCATGCGCACGCGCTCGAAGTTAGCATCGTACCGTGTACGGCGATGCCGC  
AAACGCTGTGCTGATCAGCAGATCGTCGCCATTGGTGTGCAATTACCGGCACG  
CGCAAAGTATTGCTCGACGAGGCCATGCCGTGGGAAATCGATGATCACCG  
AGCCCACGAGACGTAGAGGAATCTGTATGCCGTCTGCTGCTGAAAAAA

>CONTIG\_498\_length\_501\_cov\_1.152406

GCGTCGATGCGCCTCGGTGCCACGCTCGGTACACGTAGCATGCAGGCAATGACCAT  
GGCCGATGGCATCGGTAGTTGCGCGCACGCTCGCACCCGGCGCAGGGCGCG  
ACATGGCAGCGGCACGCTGGAAAGAGGTACGGCAGCGTATGCAGAGCGAGCATGC  
GCCGACATATGTCCCGCTAGGCTGGAAGATGCCTTGGGCCATCTGGCGCGAAGT  
GGGTGCTCCGGCAGCACCGCGTGGTCGGTACGAGCCTGCATCTGCATCGTTCC  
CAACGATCCGCTTACCAAGCCATCCACAGCAAACCTCCGCCGGCACCTCTCCAGC  
CGAAGCGATGCACGCCACTGTCGAGGCCAACCGCGTGGGTATCCTGCGTGTGATC  
AGTTGCAAAGCGTGACCTCGCATCAGGACGCCGGTTGGATCGTCGCCAGACACCG  
GGCTTCCGGGTCAAGGTGGATCTGTCGAGACCGTGCCTCATTGCAGGAA

>CONTIG\_499\_length\_501\_cov\_0.893048

GACCAAGGGACGCTCACTGGAGGGAGATCGAGGTCGAGATGAAGCAGCGCTACGCC  
AAGGGCGGTCCAATACAACACTCGATCCGCCCGGAAACCGCGATTGAGGGAGGGTTG  
CCCCTGCGGAAGCGGTTGTACTGCGGCCCGATAGGATTGAAACCTACGACACAT  
GGTTTAGGAAACCACTGCTCTATCCCGTAGCTACGGGCCCTGCCATAAAGGGCC  
TTACTAGAGTAGTCCGGCAGGGCCGCTGGACCAACCTCAGACCCCCATAGTGTGTA  
AAACCAGGTTGTCGACGGTCCCGCGTACCTGCCGCCAACTCAGCTGATTGCCGCA  
ATCTATCGAGCAAAGCATGGCGGGTTATCCGGAGTAGCCCGTCTGACCCGCGTCGG  
GCTGGCAGGTTATCTCGATCAGCCGAGCTCGTGGCCTGGCAACCTGGCGCAC  
CGACGACGTAGTGGCGTGCCTGGCCTGTCAGTGGCTCTCGGT

>CONTIG\_500\_length\_497\_cov\_42.327027

GGGGCAATCGTCGGTTCCACTACCGCCACTGCTGGTGGTTGGCTCCTTCACA  
GCCGTGGTTGCTTGGCGACCGTTGCTCGCTGAATCGCTGCCCTGGCGCCT

CCAGCCGTTCCGGCGATGGCGTGGCGGCAGGCGGTGACGATGCGGTGGGGAA  
ACACCGCCGCCATCGTCACGCCCTGCGACCAGGCATCTTCACGGCAGCGCCGGCA  
TTGGTGACTGGCGAAGCGGCCATTGGCCCCGCTGGGTACACCCGGCTGCGCGTA  
GCTGGCACCAAGCTGACACACCGCGATCGATGTTGGCGGCGAGCTGACCCGA  
ACTTCATAGCGGCCTGGCTAGCCGGGTGCTGCGGCACGTTGAAGTCCAGCCGCTGCGG  
CTTGGCCGGCCGGCGTGGTGCCTGCGGCCATCAGCCCAGCAATTACGCCACCA  
CACCCGGATTACTCAGTGCGGCCGCACCAGCTCCTGTGCTGTT

>CONTIG\_501\_length\_497\_cov\_0.778378

GCGTCCCCACCAACCTGAAGCCGTCATCGGAGAGTTGCACGTAATCGCCGCCGCTCA  
GAAACAGATAGCGCTTGGCGTCTCGCCCACTGCATGGCCAGGGTCATGTACTTGC  
CCAGGCCGATGTCGATCGCGCGCTCCACGGGCCCTGATGTCATCGGCCAGACCA  
CGAAGTTGCTGCGCTGCCCTGGTCGCGCGCGCGGGAAATAGATGTAATAG  
CGCTTGCCGTGCTTGATCAGATCCGGCGCCAGATCGCGCCACGTTCTGCGTGATC  
GCATGGCCCAGCGGTTGCCAGTTGACCAAGATCGCGCGAATGCCAGATCGGCAGGCC  
GGGATAACGCATCGAACGAGGACAGCGTGAGGTAATAGTCGTCGCCGCTTGAGCA  
CCGACGGGTAGGGTGATGCCGGCCAGCACCGGGTTGAGGAAGGTGCCGTTGCC  
TGGTCGGAATGCGCTGCTGTCGATACCGCGCTTCAGTCGGCT

>CONTIG\_502\_length\_495\_cov\_0.760870

GCATCATCTGCTGGCCGGTGGAGTCGATGACGGAGAGAAACGCATCGTTGTCGAG  
AACCGCAAAGTCATTGCGTCCGCCAGCTTGGGTGCCAGTGGTCTATGCCGGAAAT  
TCCCGAGCGAGGCCGGCGGGTCGAGCACATTTTGCCATGCCGCCAGCCGCTGAC  
ATGCGTTGACAATGTCTTCCCTGACGTCGACGTGCTGCGTGTGCAACCGGTGCGC  
CGTCATTACGACGTCTCAACGACATCACCGCTGCCAGGCATGCACGGCCTAGT  
TGAGCTGACCAACCACGAGATCCTGCCAACCCAGGAGCCGTACTGCTGCCACTG  
AGTTGTCGCCGATGCTGTGGCGATGCCGTGGTCGACGTTGGCGGTGCCACAA  
CTGACGTTCACAGCGTACCGACGGGTCTCGGAGTGGTCGGCTGGGTGATCGACC  
CCGAACCACGTACCAAGAGAACCGTCGAGGGAGACCTCGGCG

>CONTIG\_503\_length\_495\_cov\_0.730978

ACGTTCTGGAGGACGATGCTCGCGCTGACCTGCTGCAACTGGCTGGGGAGACGCA  
CGACGCGCCCTCACCTATCTTGAAGAGGGCGCTGCCGGGGCGAGTACGGCAGGTAC  
TGACACGATCACGAGTCAGATCGTCTCCACTGCCGTGATCGTGCAGCGCT  
CGACCGTGACGGCGACCAGCACTACGATGTCATCAGCGCTTCAAAATCCGTGCG  
CGGCTCAGACGTTGACGCCGACTGCACTACCTGCCGGATGATTGAGGCAGGG  
AGGATCCCCGATTATTGCGCGGCCCTATCATTCTGCCAGTGAAGACATCGGGA  
TGGCCGCCCAAGTGTGCTCCAGACCTGTGCGGCCAGCCCAGGCCGTC  
TCGGGATGCCGAGGCTCGTCTCACCTAGCCAGGCCACATTGCCGAGCCACCG  
CTCCGAAATCCAACGCCGTACCGCTATCGATGGGGCCC

>CONTIG\_504\_length\_494\_cov\_0.806540

GGTGAGACCTCGCCTGCACCCAGAGGCTCTCGCAAAGACCGGCTCTGGCGTGACG  
CACCGCGGGACACCCCTGCCCTCCGCACGGAGCGAATAGCGATCGCGAGGCAGC  
GAACCTCCGGCAGCTCTAGAGCGTCCGACGGCTCCGGAGACCAGCCGATACCGCG  
TCTTATGTCAGATTAGAACGTTAGCTCGACGCCCTGTCGACATGCCAGCGAGCGGGAG  
ATGAGACTGCAAAGGGTGCAGAGAACCGGGGGAGCATTACGGTGTGCCTGAC  
GCTGCTGATCGTCTGATCTCCTGACGCTGGCTGACGCTGAACGTCCGACG  
ACCGTGGATTGCGCGACAGTCTCAAACGGCGAACGACCCGTCTGCTCCCGTCGAG  
ACGCACTCGAACTCAATGAGCCATCGTAGGCGCAGTACGCATCGACACACCTCGCTC  
GCTGTAGTGGACCTCGTCCACTACCCGCCGTACGATTTCGGAT

>CONTIG\_505\_length\_493\_cov\_0.669399

CCATGCAAGGCACACCGTCGACCTGTTGCTGGGCCACCTCGGCAGCACGGCC  
GGCCTGGTCGAGCGCACCTATCTCCTCAATCCCCTGCCGAACGGCGCTGTG  
CTCCCGCACGGCACGCCGGTGGAGTTGCCGAGGTAACCACCAACAGCGGCAAT  
GACGCCGCTTGTGCAGCTATGGACTGATCTGATGACCGAACCCACCTCCGTATCGA  
GCGGCTTTTGATGCCACCGGTGTGGCCTGCCTCCGTGCTGCCATCGACG  
GCGATGCGCTGATGGCGCCTCGCGGTGGCGCGCTGTTGTTGCTGCCGCGCCA  
AGCAACCGCTGCTGGCGGGCTGATCTATTCCCGTGAGCGTATTGCCGGCTACC  
AGCTGGCGCCGGAAATCCTGCGTTGGTTGCCGATCAAGTCCAGTGGCGTGGCCGCTT  
TTGCGAGTGCCCGTGCGCCATCACGGTCACCCTGGGCC

>CONTIG\_506\_length\_492\_cov\_0.819178

GTTTCGAAACAGTGGGGGTGCCAGTTCCGCCCCCTCAACGGGTCTCATCCGGCCC  
TCGGCACCAACCAACCAGATTGAAACCGTCGAGGAAGTACGCATCCATGTCGTCGCG  
CCGACCGTCATCGCTCACGGTACGCAAGACCCCTGTTGATGCTCACCCCTATGAG  
GTTCCCGCCTACGATGTGAAAACCATCGACTCTGGATCCGCCCTGGCGCTGCCACG  
CCAGGAATCGGGCGCTCGGGCACCTCGACGAGCCAATGACCCCTCCGAGTTTAC  
CCAGCGCGTATCGAACGGCTCCCCCGACTGTGTGGGGGTGCGAGCCGCAGGTA  
ACCCGGATCAGCTCGTTACCACAATCGCTATGTTCTGGTGCCGGAGACTCTCTCC  
TCGACGCCCGGCCAGCCAGCGGTGCTGACGTCTACCTCACTAGCGACCTGCGTCACC  
ACCCGGCTGACGAGCATCTCGCGCCAACGGCCCTGCC

>CONTIG\_507\_length\_491\_cov\_1.648352

CCTCGAGCGGAGGCACCAGTACCGGCCAATGCCAACACCTCAGAGGCCTCGCCCG  
GATGACGGCTGGAGCGGGCACGTCCAAGGTATCCAGGGCCACCGAGTGCTCCATG  
GCATGCCTACCCCAACCGGGTCAAGTACCCATGGTGTGCTGCTGCCGACCGC  
GCGCAGCAGCAATCATGGCCTCAGCGGTCTCCGGTAGGGAGTCCGGTGTGACG  
AGTACACCGTCGGCAATGGAGGCGAACCTCGGATTCCCTGGATTGTCAACCATG

GCAGGAACCGCCCCTGCAGACAGCAACACGTTAGCGGTGAAATTGCCACGACGAT  
GTCGTCAGGCACTGCACCAGCGGCTTGTCTCGCGTAGTCGCTCTACAGATTCCGC  
CACCAAATTGACAATTCACTGCAACCACCTCCCTCGCCGGCATGACCCGGAC  
AGGTTCCGGCGGTGGCACCTCGTGGCGCCCTCTCAGC

>CONTIG\_508\_length\_491\_cov\_0.890110

TCGCGGCAATACGGGCGGGACATGACGAAACGGCGGCAGATGGCCGGCGTGTGTC  
GTAGATCGAGCAACACATGCGCGCAGCATCGATGCCACGCACCAACCTCCTCGT  
CACCGGCCATCACGTGCCAGCCTGCGCGTCACGGTGGTCAGATGGTTGGAATGC  
GGTCGGTTGAGTCGACCATGACAGTGAGCCGGAACAGACGGCGTCGCAGCGTTCG  
CAGAGATTCTTGATGGAGAAGGCCAGATAGTAGTGAAGGCGACACCGGCTCCGGC  
CGCCTCTGCACCATAACCCCTGGCGTGCCGGGTGTGAACCGTCCCCCGATTG  
CTTGAGGGCTTGGCGTTACGCCGCGCAGCGATGCAGGCGATGCAGGGCG  
GCCCGCAGCGGGCTTGTGAATGCGTTGCCTTGTGCCTCGATGCGAAGACCGCT  
TTCACCTACATCATCGCTCGTCGCCGTAGCGTGTGCAAG

>CONTIG\_509\_length\_491\_cov\_0.777473

ACCAGCGACGACAACGGCAAGCGCACCATAAGGCCTCCCGACCGCTTCACCGA  
ACGTGGCGGCAGCGTGGCCGGCAGCATCAGCGTGGCCGAGGTGCCTGGCGATATCG  
GCGCGCAGCTCGCAATTACGGCACTGCCATGCGGTGTTCTGGCGTGCACGGC  
AATACGGCGCGGGCGCTGGCGCCGCAGCTGGCGTTGAGCGGATTCGCCGGCAAATC  
GCGTGTGGGCACCTCGCAGTTGGTGGCCGGCACCGCAAGGTCGAAGACGACCTGG  
CGCTGGACGGCATCATCTACCCGAGCGAAACCTGGACCGCCCTGGCGTCTCCGGCC  
TGCCGGCCTCCACCCAGGTCGCCAGCACGCTGCCAGCGCACGCCGGACCGGGCGCA  
CGCCTTTCGATTGGTTACGACGCCCTGGAATATCAGCGGTATCTGGAAAAGCTG  
GCCACCGGCGCCAGGGCGCTCGCGGGGCCACCGGCAC

>CONTIG\_510\_length\_491\_cov\_0.769231

ACGACCATCTACCGCACGGCGCTGGATACGCTGGCCGGCATCATTGAAGTTGGC  
GGCCACCTGCTCGGCCCGGGCGCAGCCTGCTGGCGATGAAGGGCATCTACCCGCA  
TGAAGAGATCGCCGACTGCCCCGGATGGACGGTGGCGAGGTGCACCCGCTGC  
AGGTGCCCGGCCTGGATGGCGAGCGGCATCTGGTGGTGCCTAAGGCGTAGCGA  
AACGGGTGCATCAACCGCGCGCCGACACACAGGCGCCTCGGTCCGTTGGCGGTA  
GCGTGGCAGCTGGTTGCTCGCATTGTCTGAGCTATCGCAAGCGCCGACTGCAA  
CGTTAAAACCTCGGGTTGGCAAACCGAACTGGACCAGTAGTCAGTCTCACGCTG  
GGACTTCCGGCCATGGCAGGCCGCCGGCTGCCATT

>CONTIG\_511\_length\_490\_cov\_0.741047

ATATGAGCCAGGCCGAGCACAGAACGATCCCTTAATAGACTGAGAGCACCTAAAT  
TTCAAGCGGGAGGATTGGCTCCAGCATATTGCGAATTGACTCACCATATTCAAAT  
TCTTATTAAAGAGACAAAAGCCTCAACTCCAAACCATAAGAAATATGACTGCGAA  
AATAAGTAAAATTATCTTCGACATTGATAACCATGGTGGCCTCTATACCCATCA  
CAGTAGTCATGACTTAGGCCGCCAACCAAGAGACCACAGCAAACCTCGACCCCCCTC  
TAGAGGGCCTGTACACATCTCCATATCCCTATCTGCTCCTGGTACCTACTATCT  
AACTGATATCCATACTCTAGACAGTCAGCAACGACGGCATTGCAAGCGCCTAAA  
GACGGAAGCATAAGTCCCCATAACCATAAGACTTACCAATATCCCCGGGATATGAGT  
CAACACGCCTACCTCAGTCCATGGTCCTCCACCAAT

>CONTIG\_512\_length\_488\_cov\_0.806094

GGATGAGTCGCGCGCGTGGACTCTCGAGCACGACGGAGGCGGAGCGTACCCGTAC  
CGCGCGTCGCTACCGCGCGCTAGTGATCGACGGACTGCGCGCGTCCGACCGGCACA  
GACCGCTACCTCCCGCGCCGACTCATCCCGAGTGTATCCCGGGTAGACCGCGTGC  
CTCCCTGACGACGGTGCAGCAGACTACCAAGAGGCCGGACCTGGCCGGGACCTGAT  
GCATGCAAGCCATGCAATCCCTGACATGAAATGACGCCGTTGAGGGCAGAAATG  
CCCAGAAAATCAAGGATTGGCTGAACCGTCTACCTGGGGTCAAGGGGTCGAG  
CTTCAAATCCTGTCAGCCGACCACAACAAACGACGAAGCCCCGACGAGGATCACCC  
TCGTCGGGGCTCGCTCGTCTACCGCCTAGGCAGGCGCAGATGCCGGTGCACGTGGG  
GCGGCATCCGCCCCACGTCAACCCCTCGTCGATCCG

>CONTIG\_513\_length\_488\_cov\_0.662050

GGTCGATCCAGTCCTGCAGCGCGCTCAGCTGCGCGCGGTGGCGTGGCAGCTGGTG  
AGTTGTCGGCGATGGTACCGGCAATGCCAGAGAGCGTAATGCCGGCGGCCGGCGCA  
TCAGGATCTCCGGTGGACGGCCCGCAGGGTTGCCGAGGGCGGCCGCGTGCAG  
CCGCACAAAGCCAGCAGGGATAGCGCAAGCAGCATCTGCTTTGGGTGACATAGA  
TCGGGATCTCGCAGTGTGGTGGCGCCACTTCGCGCACGATCTGCACCGGTG  
ACGTACTGCGTCACGACGGTGGTGGAGCCTCGCGCTGCGCTCCGCTTGCC  
TGGCGCTTGACCTGCAGCGCTGCATCGCGCTTCTGCGCGCGCTGACTCGCTGC  
TCCTGCCACACGCAGCCACCGACAAGCACTGCAATCAGCGCCAGCAGAATGATCAG  
GCGCGTGACCATCAGCTCACGCCAGGATCTGCAGGGC

>CONTIG\_514\_length\_488\_cov\_0.623269

GCCGAAGCCGCCGAGCATCTGTGGCAGCTCCTCATGGACGCTGGCGCGAAGATCT  
CACACCGTGTGGTCTCGCCTGCCGTGACACTTGCCTGGAAAGCTGGGATGCCTCT  
CTACGGACACGAGTTGGCACCGACATCCATCCCTCTCAAGCCGGCTGGCGAG  
TCGTCAATTCAAGAAGGAGGGCGACTTGTGGCTGCTGTGCCCTCGAGAACCGCG  
ATACCACTGCCGATCGTGTGCTAGTCGGCTGACCGGGGAAGGACGCCGAGCCGGG  
CGTGCCTGGATATGCTGTCGTGAACGAAGACAAACGGTCGGAGCCATCACCTCCGG  
CATCCTCTCCCCACTCTGGGCCATCCATCGCAATGGCTTCGTTGATCCTGACGTC

GCCAAGATCGGCACCTCGCTTAGCGTTGATGTGCGGGCAAAGCCCTAACACTAC  
CGTCGTCGAATTACCGTTCTACAAGCGGTCTGACC

>CONTIG\_515\_length\_487\_cov\_1.019444

GGTCTGCCATCGATGGTCCCTGGCTGGCGTTGACGGCAACATCTGCAGCGCTCGGG  
TGGTATTGGCGCGTCCGCTGCCATCGCCCGTATCGCAGCGCACACGCCAGCATG  
CGTTGGCACAAACGCCCTGGAAGACGCCAGGTCGCCGAGCGCCTGCAGCAGGAG  
CTGCAACGCCAGGGCGAAGTGCAGGAACTGCTGCCAAACAGGCCAGCGA  
GGCCGCCACGCTGGCCAAGTGCAGGAACTCCTGGCCACCATGAGCCATGAGATCCGCA  
CCCCGCTCAACGGCATTCGATGCTGGAAGTGCAGGAACTGATCTCCAGCGGCCAGCTCAGCC  
TGGACCAGCGCAGATGCTGCAGACCGCCACCAGTCGCTGCAGCTGCTGCGC  
ATCGTCGACGACATCCTCGACTACTCAAACCTGAAGCCAACAAGCTCGAACTGGA  
GATCACCACCTCAACCTGCGCAACTGCTCGACGG

>CONTIG\_516\_length\_487\_cov\_0.738889

CCTTCCTCGAGGCCGCGTCCTGAGTCATGATGACCTTACGGTGAATCAGTGACGT  
CGTACCAAGCGTCCGCCTGCTTGCCGGACCAAACCAAGCCAGGAAGTTCCGGTCGGAG  
CTGAAGTAGGTCAACGAGGCCTTCGGGTCGGCTTCTGACAGCCCAGCTGCCTG  
GCGAACTCGTCCCAGGTCTTGGCGCCTGATTTCAACGAGTCCAATAAGGCTTG  
TTGTAGATCATGGCCATTGGCGCAGTATCCACTGGATTCCGTAGACGGCACCGCCG  
AGATTGACGGACTTAGCACCAGCTGCGGTGAAATTCTTGTGACGTCACCAGCCAT  
TCCTTGATGTCTTGAACCGCATCTGGATCACAAAGGAGGGCAGCGCCTCGAACCT  
ACCTGAGCGAGGTGGAGCGTTGGCTTGACCGCCGTGAGCATCTCGGGTAA  
ATCTTGCGACTGGCTCGGTGGCGATCCACGT

>CONTIG\_517\_length\_486\_cov\_13.395543

TGCGCATCACCGCCACTTGGCTTGCCTAAGTGCTTGCCAGGCCGGCGTGAGTT  
CGCAGGCCGCGTTCAAACCTCTCCATTACCGCGGCCGCTCGTGTGCTGTGCTGGAGAC  
TGCGATGATCTACCCGAGCCGGGCGCCGCTTTCAAGTGCGCATTGATGACCA  
TTGAAATGTCTTGCCTGGATTGCCGAGCGCTCGTGTGCGCCGCTTGTGCGCCTAC  
AAACTCAGCGCAGGCCGCTCCCTAACCTCCGGTCCGACCTGCCGTGACAT  
CAGCAAATGCACATGATGATTGCGCTGATCACCATTTGCTTGGTGTGACAGC  
GACCAATACGGCGACTTGAACCGATTGACGAGCAATTGCCAAGCGCCAAGCGA  
GCGCTCCGGTGGATCGAGTTGATGCGGAAGCGACACCTGACTTCTCGGC  
AACCGCGTGCCTTGCAGTCTCGGCCG

>CONTIG\_518\_length\_484\_cov\_0.731092

GTCACCCACGGCACCGCTTCTCGTCAGCGAGTTGGTGGACGCACCGGACAG  
CATCGCACGTCTGCCGGACTCGTCAGGCCGACGTCGCCGTGCTCATGGTCGG

CATGGCCCACGCCGGCGGGTTCGGAGGTATCGAGGCGACGGCGAAGGCCAAGTCCG  
AACTCGTCTCCGCCGCGATCGCGAGCGGAACGGCGCCTCAACGTCGACGACCCC  
CGCGTCTCCGCGATCGCGGGCTGGCGAGTCCCGGGCATGACCGTGGTCGGCTTC  
GGCCAGAGCGATGCCGCAGATGTGCGCGCTCGCACCTCGAGGTACCGCATCCGG  
AACGTCTCGGTGATCGAGACCGGGAGAGCAGCTCCCTCCGGCTGCGCGTGTGCT  
CGGCGCTCACCATGTGAACAACGCCCTGCCGCGATCGCACGGCGGGCGTGTGCTCG  
GGGTGTCCGCCGCCGATGCCATCGCTCGCCTCG

>CONTIG\_519\_length\_483\_cov\_10.306180

GGCTGGTTGGCCTGGTTGGCGGTACCGTTGAGCAAGCTGCCGGCGAAATGGTCC  
GCACCTGGTTGGAAGATCGCGCGAGATTACCTCGCCGTTGATCGCCTAAAAGCC  
GGGAATCCGTTTGGCCGGCGCGTTGATGACTAAATTCTCAGCCACCACAAGCCA  
TGAAAAGGGTAAGCAGCACCATTACGATGATTGCGACCCCTTGCAGGTACTCGAAC  
GGCGTCAGTAGGCCAAGCGTACAGCATGTCGCGATAGGATGAGGTTACCACGGC  
AACGGTAAGACTCGCGGCCGTGAGGAACACCAAAACGGAATATAGATTATGTCGG  
CTCCTTTGTTGGATTCTGATACGCCAGGGTTCTAGACATCTCAAGGCCATGG  
AAAATAGTCGATCGGAGGTGTCTATGAGCAGCAAGCGATATACGGATGAGTTCAA  
GATCGAGGCCGGTCCGGCAAGTGAAGTGA

>CONTIG\_520\_length\_481\_cov\_1.762712

GGTAGAGCTGAACAGCGTATGGATTACCCGGTCTGCTCATCGGTGAACCAGCCAT  
CGCGCTCAGGCCGATATCTCGATGGCCACTCCTCGGTGCTGATGCCACCTGGT  
GCGCGCAATCGCGCAGATACCGCACCGTGGCGCGATCCTCAGCGAATCGCGTACC  
GCTGAAAAATGCATCTCGGGCCCGATCGCACCCCTCACCAGCGCGCCAGGGT  
TTCGCACAGCAGGTCCTGGATCAGGTTACTGGTCGGTGCCTGGCAACGCACC  
GGCGCGATCTGTTGCTCCAGCCACAACCACTGAAATACGCCGATTGTCGACAGCG  
AGGTCGGCGTGTGTAATTGAGTTGTCGACAGCTGGCCGGCGTCGCCGGCATAGG  
CCAGATCCATCGTCCATACAGATGAGGGTCGCGGTCTTCCACGAATTGGCGATCC  
AGTCCCAGTAGAACGGCGGGATGCCAG

>CONTIG\_521\_length\_481\_cov\_1.197740

GCAACCACCATCGCTGCCATGCCGATCAGAAACAGCAGGGCCAGCGTCTGCGCGA  
CAGACCACCGCTCGGGCAGGTACGCCGCGTTGCTTGGTTCTGGAAATCAGCA  
AGCATCCAGAAAGTTGCGCACGCCGGACCGAACGCGCGAAATCGACCAAGGAAG  
GCGTCGTGGCCCTGTGGCGAATCCAGCCGAGAAACTGGGCATCTGCACCACCGC  
GCGCAAGCCTCGCGATCTGTTCTGTTGTCAGGGAAACAGGATGTCGGTATT  
GGCCCCGATTGCCAGTGCCTGCGATGCCAGACCGCCAGACCGGCCAGCACCG  
TGGCGTCGGTGGAGACGCCGTGTGCTGGCTGGCGAGGTGTGAATTATGACTT  
GCTGGCCATCGACTCCGGCGTCAATGACCGGCTGTCGACATACTCGGCCAGAT  
CGAACCAAGTCCATCGAGCGGCTCAGATACAG

>CONTIG\_522\_length\_481\_cov\_1.146893

CCCGCGTCGATGTCTGCCATTGGAGGGTAATATGCAAGTGCACTAACACGGCGG  
CACAGCTGAGGCCGCCGGCACCAAGTGAGGAGACGGTGGAGACGCCAACCGGCCTGT  
CCGTCATCAGTTACTCGACCACCTCGTAGCCTGCACCCGGATTGGGACGATTGC  
TGGGAGTGTGCACCCCTGTCGACGGATCTGCTGTCCCGGGTAACAGATCGTC  
CCGCAAGAGCCCAGGTGAGGTCTCCACCATTGCAGGAGGGTAATGCACGCC  
AAGATCAGTACAAGCCACTGAACGTCCCAAGGTGTCAGCTGGTGAGTGACGA  
CCGCAGTGGCGCTGTCGTGACTTCACCGGAGTGGTCGCAACCACGATGGCGGCCA  
GTCCATTACAGCCATCGACTATAAGTGCCAACCCCCATGCCACGCAGATCTGGCAGA  
CCTAGTCGAACAGTGCGCCACGCGCGAT

>CONTIG\_523\_length\_481\_cov\_0.861582

GTTCTGTACCGAGAAAGACCCGAGGCAGTGCCTCCGGTAGTAGATAAACGAGG  
TGTCGTCTGGAAGTCGCGGTTAGGGTCGGAAGCTCGGTGCGCTCATAGGCAGA  
AAGACCCCAACGCCGGCGATGAGCACCAAAGACAAGATTGCGATCAGCAGACCCCG  
GAAAAAACTTGCTCAGCCTCGGGTGACGGCTAGGTTCTGGCGGCCGACGAGCCCT  
TCCGGCACCGCCCCGGTCGCGGGGGCGTGGCGCTCGATACTCTAGCGGGTTGTG  
GTCAGCCATAGATGTCCTCACGGTCGGCTGATGGCGAGGTGGCGGCCGTCGA  
CCGTCACCCAGGACGTAGTCGACGAGGATGTGATTCCACAGACAGTCGGGGCAAAC  
CTCGACCTCGTAGACGTGAAACTCGCCGAACCTGGTGTCCATCTCCTCTAGTCGTC  
CAGGGTACGGATGCGACCCGAGTATTGCC

>CONTIG\_524\_length\_480\_cov\_0.804533

GCGCGTCGGCCGGGACCGCCTCGCAGACATCCGCGACCTGCTCGCAGGCCTGGCCC  
GCTGCCATGCCGGGCAGTCGCCGATGCCGACGGTCTGCATCGGCCGGCAGCGCAG  
GGCGGGGTGTCGTCTCGCGCCAATAGGTGCTGTTGCGAAGACGCGGCAGGCAG  
ACAGTCGGCGGGCGCTCGGGCGTGTGTCCTCGCGCGGTGACCGGTTCG  
GGGCAGGCAGGCGAGATCAGCGCACCTCGGGCGGGGACCGGCGTCGCG  
GCGCGATACGAAGGCAGGCATCGCGCGGCCATTCCACCGCGGCTTCCTGC  
GTATGGCCGGCGGGCAGGCAGGCGGTGCCGTTCTGGAACGTCACCGCGCCGGGATC  
GGTGCAGCGGTAGATCACCCTGGTACCGCCTCGCTGCCACTCGCCAGCGCAG  
ACGCGAGCGCGACGGCTCCCACAGCCCTCGCAG

>CONTIG\_525\_length\_479\_cov\_0.758523

CTCGAGGTGGGTGATACCGTGACGTGAGCGATGCGACTCCAACGATCCAGACGGT  
CAAAGTCGAAGCTCCAGCGGTGCCCTGACGGTGCACGACGACCAAGCTGAGTGGCC  
AGCGCGGACTGGTGGATCGACGTCGATAGGAGGGTCAGTATAGGGGTGAACAG  
GGTGCAGACACCCCGCTGGCAGCCAGCTGACGGCTTGTCAATGAGGTCCCAGTG  
GCGCTCATCGAAGGCCTCACGCCGGACCACGCCGAAGCGCATCAACGTGGATCC

ACTCGGAGTGGTGGAAAGCTGCCACGGTCCGGTCACCGAGACCACCTCGAGGC  
TGCCTGGCGTCGGCGATGATCCCCTCGTCGACAAAACGAATGTCTAGGGTGTGA  
CTTCCGGGGTCAAGTGGGGCCGTCAGTTCCACCACCAATGACTGCCACTGGTCAGGC  
AGGAACCGGGTCCCGAACCGTCCTAGCG

>CONTIG\_526\_length\_478\_cov\_1.276353

GAATAAGCCCAGTGCCTACTCAGATGCCAGAGCCCCAAGGCCGCCAGAACACTA  
ACTTGGATGACGAAGAGCCAACGCCAGAAGCCAGGAGGCCGCTCCGGTTGAGCAG  
ATGAACGCCACGGCCGACGCCAAAAACGCCACGCCAGACGGTGCAGCTAGAC  
CACTGAAGGCTGACGGTACGCCGGTCAACGATGACGGTCATCACTAAGGTACA  
AGCAGGCCGACTATTGTAGCCCCTAGCAGCCCACCTCGGTAAACACGGGACACGAC  
ACGAGATGTCACCGCGCACGGCGTCAACGCCGGCATGACTCATGGCGAGACGTG  
CCATCTCATCATCCCCCGTGTACCGCCGAGATTCCCGTGGTGAATACGCAGGG  
CATCTGGACTCGGCAACCGCACGCTATGAATCGAGTGGCGGTATGCCTGCTGAGGA  
CATCCTCGATGAAAAGGTAACACATGACG

>CONTIG\_527\_length\_478\_cov\_0.829060

TTCTCCTGATCTGCTCAATCGTCCCCAGGCCGCTCATACTGGGCACGCTTCTTG  
GACAGGATCAGACGACCTTCCTTGTCTCCTCTGCTGAACGAGGGCCTCGATCTCA  
TCACCGACGTTGACTACCTCAAAGGGTCCACGTCGTGCTGATCGACAACCTTTG  
GACGGGATGACACCTCGGTCTTGTAAACGATGTCAAGGAGGACCTCGTCGCGGTCC  
ACCTTGACGACGGTCCCAGAGACGATGTCGCCGTATTGAAGTACTTGATGGTGGCG  
TCCACAGCGGCCAGAAAGGCCTCCGGCTACCAAGGTGTCAACCGCCACGGATCC  
ATCGGCGGTGTGGCGACATTCTGCTGGTCAGTGTGACCGGGTTCGAGGTGGAGGC  
CTCAGTGGAGGAGGTATGTAGTAGGACTCCGATTGATGTTATGGCTGAAACAC  
GCCGAGCCCCGACCGTGGGGT

>CONTIG\_528\_length\_476\_cov\_13.369628

ACAGCCGTTGCCGGCTGATGTCCAATGTATTGATGCAGGGCAGCTGATCGTCAGGA  
CGACCGTGCTCGCGGGCGCTGGTCCCAGCAGATTGATCTCACGCTTGGCGTTCCGG  
TGCCTGTTGCCGACGGCACGTTGACACTGGTGGACGCCACACCCGTGCCCATCAATG  
GGATGGCCACCCCACTACCCGCCGCTCGCTTACGTTCAAGTTCAAGGGCGGCCGCT  
AGCCAAGCGATCAATCGATCTGAACAAAGCAGTTGCCGCCCTACTCTAGGGACTTC  
CGAGTCAGAGGACCAATCAAGAACTTGTGTCGCCACCGCACTGGCAATAGCAAAGTG  
AGCTGGGTTCGACGTCCCCCACCCTGAGTAGTGGCTGGTTAGAGTCCGGGGGTA  
ATGATATCGGTGTTGCCAGATGTTGGGCATAAGCAGCCGGGTATGCCGCCGATC  
GCCTTCTGGTCGGTCCTCG

>CONTIG\_529\_length\_476\_cov\_0.879656

CCCGTGGCCGCAACGCCGCCCCGCCAGCGACGCCGATGTGCGTGCATGCCAAG  
GCGTCGGTGGAACCGGCACCGCTGTCGGCGCCATCCCGTCGAGGGCCAGGTGCA  
GGAAGAATTGATGCCGCGCGCAGCAGGAACAGGTGCGCGTGCCTGCCGACCTGC  
TCGACCGCCTGGTCAACCACGCCGGCGAAGTGGCGATCTACCGCTCGCGCTGGAA  
CAGCAGATGGGTGCCTCCGCGGCCATGGCGAAGTGGATCGCACCAACGCCCG  
TCTGCGCGACCAGTTGCGCGTCTGGATCTGGAAACCGAAGCGCAGATCGTGGCGC  
GTTATCAGCGCGAGCAGGTCCAGGGCGAGCGCACCTCGTGCCTGGAACTGGAC  
CGCTTCTCCACCCCTGCAGCAGCTCAGCCGCGCCTGAACGAATGGCAGCCGACTTG  
GGCGGTCTGCAGGGCGTGTGGAAAGAT

>CONTIG\_530\_length\_476\_cov\_0.853868

GTTCGTTGCGAACCCCCACATTGCAATCTGAAATGCCGCATTCCAACAGGAAGAG  
CCAGGTATGAGCGCCGAGACTATGACGAGTGACACCACCGACCCAAACGGGTACGT  
CATCAGGGAAAACCAGGACATCACTGCACGTCTGACCTAGCCCGACGACCGGCC  
GCGTTACTCCCACCCGTACCCGACAGACCGTATACTCGACATGCTCCTCCCTGTA  
ATGCTGGCTGCCAGCCGGCGAAAACATTAGGAGTGGCTGCCTCATCAAGGCC  
CACGAAGAAGAGAAGGCATGGCGTCAACTGACCGCCGACAACCCCTCCCTGCCAT  
CCACGGTCTGTCTGCTACCACCCCTGCGAAGTGGCTGTAACCGCGCCGACCTCGA  
TGGTGCCGTGTCCATTCACTCCGTGGAGCGTACCTCGGTGACCTGCCATTGAAAA  
GGGCTGGACGTTCACCAAGGCCAC

>CONTIG\_531\_length\_474\_cov\_252.207493

AGGCGATGGCGTGTGAGCGAGGTTCCGAGTGAAAGCCGGCGTTGCCAAAGA  
CAAAGGCGACATCATCTGGATGATCACTTGCGGAGTTCATCCCGCGTTCGATCC  
CTGACTCTTGACGACATGCAATACCTCTGCCGTCTCATCGGACGTGCCTTCGG  
GAGCTGCGCCTGGATGGCAGAGAACAAAGCGTAATCCCGATGATCCGAGGGAAACG  
CCTGTTGAGCTTGTCTTGGAAATGGCCGACTTGCTGACCCGATCCTCATCGTTAC  
AGCTGCGTTGAACGCCGCCAGTCCCACCAAGCCAGGCAATGACGTATAGGAGG  
ACGACATGCGCTCAGGCAAGACGATCTGCGCCGATTGCTCTGCGTTGCCGTTG  
CCGGCGACGGCGCTCGCACCGCCTTGTGCTGCTGCAATGGAACAGCAGATG  
GCGCATCGTTCTGTGGCAT

>CONTIG\_532\_length\_474\_cov\_0.907781

GTTTCGACTACATCAAGACCGACCAGCGTTACCTGTCGACTGGCGCGACGGTGAGT  
GGGACCAAGGCAAGCTGACCGAAGACAAACGTACTGCACATCAGTGAAGGCTCGACG  
GCCCTGCACTACGGCCAGCAATGCTCGAGGGCCTCAAGGCCTACCGCTGCAAGGA  
CGGCTCGATCAACCTGTTCCGCCCCGACCAAGCCTGCGCATGCAGCGTAGCTG  
CGCCCGCCTGCTGATGCCGGCGCCGTCGAAACGAGCAGTTCATCGAAGCCTGCAAGC  
AGGTGGTCAAGGCCAACGAGCGCTTCATCCGCCATACGGCTCCGGTGGCGCGCTG  
TACCTGCGCCGTTCGTATGGCGTGGCGACAACATTGGCGTGCACGGCTCCA

GAGTCATCTCTGGTGTCTGTATCCGGCGGCCGTACTTCAAGGGCGGCATG  
AAGCCGAACAACTCGTGATCT

>CONTIG\_533\_length\_474\_cov\_0.648415

GTGGTGCTGTTGCAGACCGACAGCGGCCATATCGGCTATGGCGCAGCGCCGGCAC  
CGCACCGATCACCTGCGATACGCATGGCTCATCATCGCCCGATCCAACAATGCAT  
CGCCCCGAAGCTGACCGGCCAGGACGTGGCCGATCTAACCGGCTATGCACGCTGG  
TGCAACACCGCCTGGAACATAACAGCAACGCCAAGGCTGCGGTGGAAATCGCGCTC  
TACGATCTGTGGCGCAGGCATTGAGCACGCCGCTATACCAGGCGCTCGGTGGCGG  
CACGCCCGCATCACCACCGATATCACCATCAGCGTCATGCCATCGATACGATGGT  
GGCCGATGCGCTGTCCCGCTCGCACGCCGGTATGGTCGCTGAAGATCAAGGTCG  
GCAAAGACAGCGATTGGATGTCGAACGTATCAAGGCAATTGATGCCGGTCGCT  
GGCCGCGCATCGCTGCCCTGGAT

>CONTIG\_534\_length\_472\_cov\_1.182609

GTCCAGCGCCTGACGCTTGACGATGGCATCGCGCAAGCGCGCCTGGAAGTCCGGGA  
ACTTGGCCCAGGCATCGAGCAGCGCATACGGGATGGCGGTGCGAAGTCGGTCTTCT  
TTGCGACGTATCGTTCTGTCAGCGCGCCACGTTGCGCGGGGTGCGGGTCTTAC  
CGGCGCCGGTGTGGTGGCTGGCGATGCTCCCGTGACGCCATGCCACCTTCT  
GGCCGGACAGTCGTCCACCGGGATGATGTTGATCTGGACAGGAACTCGCTGGATT  
CCTGCATGCGCTTCCAGCTCTGCTGCACGGTGGATCGACGCCGAAGGAATGGA  
AGGCGGAGGTGATGCCGTTGAGCTGGCGATCTGATGCCGAACTGATTGAACTGC  
GGACGGGTGGTGTGATGGTACTCCGAAGATTGGCGCTGGCGGCGTGTGTG  
GGTGTGGGATCAGCAGCC

>CONTIG\_535\_length\_472\_cov\_0.721739

GTCTCGGGATGAAGCACGTCGGTCTCGGCGATCAGCTCGAGCGCCTCGAGAACG  
CCGCCTCCAGCTGCCAGGAGGGCCTGTCGATCCCTCGCGCAAGAACGGCTTCC  
GTTCCCTCCGCATGTGATCGGTCTGATCACGGCGAGCGATCCGATGCCGAGAAC  
ATGTGCATCGCAATGCCAGCTGCGCTGGCGCAGGTGCGATTCCGACCGAGTAT  
GCCGCCGTGCAGGGCGATCGGTGCGTGGCGACACCCCTGGCGCGCTGCCCGACT  
CGACGCCGACCCGACGTCGACGTCATCATCGCGCGGGCGGAGACCCGC  
AGACGCTCCTCGGATTCAAGCGACGCCCTCGCCGCGTGGCAGCGGCATCC  
ACCCCGGTGGTCAGCGCGATCGGACACGAGAACGACCATCCTCGATGACGT  
CGCGGATCTCCCGCGCTCGACTC

>CONTIG\_536\_length\_471\_cov\_0.816860

GGTCAAGGCACGCCAGGAGCTATGGCATCGAGCGTGACGACGGCCTGTTCTTCC  
AGTTTCCCGGGCGTGGTACGCCCTCAACATGACCCATATCGAAACGCCACTGG

ATCCGGTCGCCGCCTCCCACGTGGCCATCGAGGGGCGCCAGCAGGTGGACAAGGTG  
ATTGCCTTCCTCAAAGCCAGTACCCCGAGGTCTACGGCGAGGCCGGGTTCGTGCC  
TATGCCCTGCCGGGCATCCGCCAGACCCGCTGGATCGTCGGCCAGCATCATCTGACT  
ACCGATGAGGTGCGGGCCGCCACCCGCTTCCCTGACGCGGTTGCGCTGACGTCTGG  
CCAGTGGAGCTGCATGGTGACCGAAGGGCTACCAGTGGGAGCCCTCGGCGATGA  
TCATGTGCACAGCGTGCCACTGCGCAGCCTGCTGCCGGAAGACAGCGAAAACCTGG  
TGGTGGCCGGGCGCTGCGT

>CONTIG\_537\_length\_471\_cov\_0.691860

CGACCACATGATCGACCATCTCGCCGTACGCTCCTTGGCACGAATCGTCTTCAACA  
GGATATCCAGTGCAGCGCTGGCCATGGCGCGATGGGCTGCTGCACGGTGGTGAGT  
TCGGGCCACACTGCGGTGGCGGCAGAGGTATCGTCGAAACCGACCACCGACAGATC  
GCGCGGCACATCCAGACCGCGCCGGTGCAGAACCGAGATTGCAGCGGCGGCCATAT  
CGTCGTTGCTGCAGAAAATGGCGGTGGCGGTTGCGCTTGTGCGAGCAAGCTGCGT  
GCGCGAGCAGGCCGGAGCGATAGGTGAATAATCCTCGCGATCAACTCCTCGGC  
CACCGTCAAACCTCGGCCCTGCAAGCTGTCGAGAGATGCCATTGGCGCGTAACGCGC  
TCGGGGTGTGCTGGGTGCCCTGATCAGGGCGATGCGGCGATGGCCAGTTCGA  
TCAGATGATCGACGATGGCGT

>CONTIG\_538\_length\_470\_cov\_0.871720

TAGATGAACCTCACGGTGCCGGCGCTGCGGTAGCTCACCGACTCGCCGAGCTGGAC  
GGCCGCCCGTGCAGGCGTTCGCGGGTGGCCTGGGCAGGTTCGCGCCGGAGTTT  
CCTCGACCACCTCTGGTTGCGCCGTTGCAGCGAGCAGTCGCGCTCGCCGAGGGCCG  
CCACGCGCCCTGCCGTGCCAGAACATCTGCACTTCGACGTGCCGCGCCTGGTCGA  
CGAAACGCTCGATGAAAACGCCTGCGTCACTGAAGAACTGCTCGCCCATGCGTTCA  
CGCCGTATAGGCCTGCCAGGCCACGGCATGGCGCAGCGGGTCAGGCCATA  
CCGCCGCCGCCGGCGGTGGTCTTGAGCATGATGGGTAGCCGATGCCCTCGGCC  
GGCCAGGGCTCGTCGAGGCTGTGCAAGCAGGCCGGTGCCGGGCCATTGGTACCT  
GGGCCTCGCGGCCAGTTC

>CONTIG\_539\_length\_470\_cov\_0.862974

GCTGCGGGACAACCCGACGGCAACCGTCGTCTGCCCTGCCAGGGCGACCACGGCA  
TCGACGTCTGGTCCGCAACGACGACGGTAGTTGGAGCGTCTGGCAGGTCAAGCGG  
TACACGAACCCCTCGATAGCAGCCAGAGACGATCCATACCGAGTCCTGGAACCG  
GCTCCAGGAGTTCGTCCGGAGCGCGGGATCACGCTCCCGACTGGTGGGTGTC  
GGCCCCCGGACCCACCGACGGCGACGAGCGGTGGTGGCGGGATTGACGGCCGGT  
AGCGCGTGCACCGACTGGCTGGGTCTGCAACCTGGATGCCCTGGACCGACGCG  
ATACCCGGAAGTGGTCGACTACTACCTAACGGAGGACGAGACCAGGCCTCGAGT  
ACGCGATGCGAGCGCTGCAAGCAGCTCGCCTCGGAGGTCACTCCGACAAGCCC  
CTCGACCCAGACGGCGTCGCGC

>CONTIG\_540\_length\_467\_cov\_9.776471

GGCGTGTGAGCGAGGTTCCGAGTGAAAGCCGGCGTTGCCAAAGACAAAGGC  
GACATCATCTGGATGATCACTTGCAGGAGTTCATCCGCGCGTCGATCCCTGACTCT  
TTGACGGCATGCAATACTCGGCCGTCTCTCTCGGAGGTGCCCTCGGGAGCTGC  
GCCTGGATTGCAGAGAACACAACCGTAATCCCGATGATCAGAGGGAAATGCCTGCTG  
ACGACATCTTGAAGGGCCTCGCTGCTGACACGATCCTCATCGTTCACAGCTGC  
GTTGAACGCCGCCAGTCCCACAAACCAAGCGATGACGCATAGGAGGAGGACG  
TGCGCTCAGGCAAGACGATCTGTGCCGGCATTCGCTCTCGTTGCCGGCG  
ACGGCGCTCGCACCGCCTTGCTGCTGCCTGCAATGGAACAGCAGATGGCGCAT  
CGTTCTGTGGCAT

>CONTIG\_541\_length\_467\_cov\_9.358824

GGTCTGAACGACCATATCTGAAATTGACTTGCAGTGCAGTGCAGTGCCTGGATGG  
ATAACTGACCTTGGCTGTCATATTGATGAAGTTGGAGTGTAAAGTGCA  
TCTACGATCCAATGATGAGGAGGTAGACGTTGATAAGGGAGGGGATTTCTGTCA  
ATGATAAAATAGGACAGAAATTGCGTCAATGATTGCTAAGGTGGTCTCACCAAT  
TGCCGTTAAATAGCTATTTAGCTTAACTTTATGGGGGATTTATCGGCAGGC  
TATATATGCCAATGATTAAAGCTGATAAAAGGGCTGAAACCATCAATGCGCTG  
AGTGTAAAAGTAACAAAAGGGCGAAAGTGAGAGATATCTCACGCAAATAAAAT  
GAACCTCCAGATAATGAGGTGGCTTGCTAATCCAATCAATCTTAAGAAGACAGTT  
AGGCAATCCCA

>CONTIG\_542\_length\_467\_cov\_0.808824

CAGAAGCGCGAAAACCTGCTGCTGTCCTGGCAAGGACATCGCGCCGCAGCAAGT  
GGTCACCGCGCCGGCAGCACACTGGATTGGCGCAATGCTGCTGCAGTTGCTGG  
AACCGGGCATGCGCACGCTGGCTCGGCCGTTGCTGCTGGCCAGCGATGCGCCA  
CCCAGCGCCAGCGTGGCGGCCAGTCGCACAGCGCAAGGACTACCCGCGCTATCT  
CGCCTACGCACGCACGCTATGGACCGGGCGCAGCACACGCATGCTGCGCATCAACG  
GCAATGGCGATGTGGTGGTGGCGTGCAGCAGGTACGCCGCCGGTGCTGCTGGCC  
TCCTCCTCTCCCCAATCTAACCTTTATCTTAAAATACCTCTCTCCATTCTA  
TCTCACCCATACCTAATTCACTCTTATTGGACCGCTCACGTCATTGAAAGAC  
GGCTCGGCCGACTT

>CONTIG\_543\_length\_465\_cov\_0.946746

TCTCTAGCCTATGTGGTGAATCTGAACCTCGATACTTAGGGTTGGATCGGGACGCAG  
GCATAATAACGCCGGTCCCTCACTAGTGAGGACCGGGCGTTGAAGGAGGATCAGG  
CCTCAGACTCTCCTCGGCCTCTCGTCAGCCTCGCGGCCCTGCTCGTCGGCCAC  
GGGAGCCTGTGCAGCGCGCTCGCGGGGGCGTTGTGCTCAACGGCAGCGTCTC  
CGGCTCGGGCTCGCGCTCGGTAGCGGTGTTGATCTGCGCCTGGCGT

CAGCAGCGCTGGCCGGAGTCTCGGAGCGACCTTCGCTGATGACCTCGATAACG  
GCCATGGGGCGTTGTCACCCTGCGGTGCCAATGCGAGTGACGCGAGTGTAAACCG  
CCGTCACGACCCTCCATGCGGGGCCATCTCGGTAAAAGGATGTGCACGATGCC  
GCGGTCGGTGAT

>CONTIG\_544\_length\_465\_cov\_0.940828

CTTCATGGGTCGTGCACGAACAGTCGCATCGAGGGACCTGCGCGATTGCCCTCGAT  
CGTCAAGGGCAAGAAGAAGGCCGACGGCGTCCGGGTGATGGTCGTTCCGGGTCCG  
CACCGTGCCTGGAAGGCCGAGGGCCGAGGGCCTCGATCAGGTATCAAGGACTTC  
GGCGCCGAGTGGCGTTGCCGGATGCTGATGTCGCTCGCATGAACCCGACCA  
GCTCGCCCCGGGGAGCGCTGCCATCGACGTGAACCGCAACTCGAGGGACGAC  
AGGGCAAGGGCGGACGGACGCACCTCGTCTGCCGCTCGCGGGGACCGCC  
ATCCCGGACCGCTCTCCAGCCCAGCGACCTGTCGAACGAAGAGGCCGTCAACGC  
GGCGCGACCACGGCTGGAGCCATCTGATGGAGAAGTTCACCAACCCACACCGGCAT  
CGCGCGCCGCTGAAG

>CONTIG\_545\_length\_465\_cov\_0.878698

TGTCTATGGTGGCGTTATTGCGAGTAGGCTGCCTATCATTCAAGTGCCATCGTGA  
CCGTGATCTGATTATCGGGTTGGTCTAACAGTGTAAATTGGGTCCGTGAGGTGG  
AGGGTGTGGTGCTTCTGCCGTGCCTCGAACTGGGACGCAGACGTGTTGAAGG  
ATCCCACGGTGTGTACCTGGATGCGCACGACCTCCAAGTGGGGCCATAGTGC  
AGAAGGCAGATGCTGCGTGGAGGGCTAACGGGTTACGTTCCAAGGGCATACCGG  
CAGGGCATTGGCAATCGACTCAAACAACCGTTGGTGGTCGGCGTCGGCAGAGGA  
TGTGTCTGAATCGGATTACCCGCACTATCGCAGTCGCGGAGGGCCTGGCTGTTGC  
TCCATGTCAAGTCGTCAAGACGAAGTGGAGATCTGGGTGCAAAATGTTCAGGATC  
GTGTTGTCGCTT

>CONTIG\_546\_length\_464\_cov\_2.979228

GCCTGGCCAAGCGATGGAAGAAGCGCGAACGCGCGCTAGAGATCCGGCTTCA  
CAGAGCATCTCGAGAGGGCTGGAAAAACAATTGATGGCACCGTGATCTGCCG  
GAACACGTGCAAGAAGTCCCCAGATCCGATCCTGCTCTCCAAGCCAAATTGCTCGCT  
GAGCACGCCAGCTGACGTCACTGACGGCGTGAACAGCCGGCTGGAAGGCATCGC  
CACTATTGATGAACTCGTGCAGGCCAGGGCTCCGCTGCACGCGTGCCTGTGCCGGA  
GCCGGAGATCCCAGGCCTGCGTGCAGGCCAGGGATGACAGCAGGGCTGCGGGCTTGG  
GCGTTGCCGACCGCCTACGATGCGTGCAGGCCAGGGAGAGCGTGTGGCACGCTG  
TTGGCACAAAGACAACCTCACTGCTGACGCTCAGAAGCGTTGCACTTCTGCCGA  
GGCGCGGGCGGCT

>CONTIG\_547\_length\_464\_cov\_0.623145

GATTATATATATAATATATATGTTTATTATTATTATTATTTGAGAG  
ATGGAGTCTCACTATGTCTGCCAGGCTGGAATGCAGTGGTCAATCTGGTC  
ACTGCAACCTCCGCCTCTAGGTTCAAGTGATTCTCCTGCCAGCCTGAGTAG  
CTGGGATTACAGGCATGCCACTACGCCGGCTAATTTGTATTAGTAGAGAT  
GGGGTTCTCCATGTTAGTCAGGCTGGCTCGAACCTGACCTCAGGTGATCTGCC  
CGCCTCAGCCTCCAAAGTGCTGGAATTACAAGCGTAAGCCACCATGCCAGCAA  
TATTATCCATCTTAAAAACAAAACACCTCTCCCTCAGCTACCCTCTTTTCAT  
TCAAAGTGAATTTCAAAAAGTTGTTACATTGTCCCTGTATCTTAATCTCTCCA  
CAACC

>CONTIG\_548\_length\_462\_cov\_65.814925

CAGCTGCTGCTTGTGGCCTGCCCTCGATGGCCGTGCGAGCCGGCTCAGCACCTGC  
AGCGCCTGCGGGGGATGTCCATGATCTCTCGCGATGCCATGCCGCAACAC  
GTCGGTGAAGACGTCGCAACCGAATGCACGCCGCATCTGGCGATCGCCT  
TCGGGTACTGCGTCCAAGGGCCTGCTTGCCTAGGCCAGCCTCTGGCGTCC  
CCATGCTGAAGGTACCAAGCGCTTCTCGCCTTCCGCTAACCTGCAGTGGC  
AGTCTCGTGGTGTCCCACCTCCACGAACCTGCACACCGGAGAGTTCGAAC  
CGCGAGCACCGCATGCCAACAGGCCCGCGACCGTTGATGACAGCGATGTTCT  
GCAGCGCCTGGAGCGGCTCAATCCCAGCTCCGCCACTGCATTGCGATCAGAC  
AATTGCG

>CONTIG\_549\_length\_462\_cov\_28.838806

CGCTGAACATCCATTCCATCGCCGATAACGCCAGGCCGGATGCACCAGGCA  
GCCAATACGTGGGTGGGCCCGCGCTAAACGGGCTCGTCTCGTCTAACTCT  
TGGCGATCCAGCCATGCCATCTGGATGCATGGACCGTCATCAGATGAGAGCGGTA  
GGCATTTCGCAACGCCCTTCTCGCATTGACGCCAGGAAGCGCAAGGCTTG  
ATCGATGGTCAGGGCAAGATCGTTGCCCTGCTGGAAAGCCTTCGATCACACT  
CATGTCGAGCCCCGTGATGCCCGCGTGTGAGATCACGCTTGTATGCCAGCGA  
CGCGCGGATCACAATGAAGGAAATGCCCTCCCCGTTGACCGAAATTGCCGAGA  
TCGGCTTGGATCTGCTCTGGCTTGGTACTGGCATACCACGTCAAGAGTT  
CTACCTTAG

>CONTIG\_550\_length\_462\_cov\_1.050746

TTGATGTTCTCGGCCTGGGGCGATCTCTCTTATGCCATGGCTATGTCATTCA  
ATCCGGGAATCGTGTGATCCCAGTGCTTCCGCACGGATGCCAGGTCAA  
TTCGCTTGGCCACGAATTCTCCGGATCCCCATGTTGCCGGCGATCCCCTGG  
CCGAGGTCTTGATCTCGAAGAACTCCAGATACCCGTCGGGTTGCCGCGACCA  
TCGATGCCGTGGCCGGAGCGGTTTGATCGCAGATGCGCTATAGCCTGCTT  
ACCAGTTCGTGGGTCTGGATGGCTCGCCGATGTCGCCAGCTGGCGTGGTGAGC  
CGGGTCAGGTCCACGCCCTCGCTGTGGTAGCGCAGTCGGGAAGTCGATCCTG

CCATCGAAGACATCCGGGTTGCCTGAGGATGGCGGTGAGTCGCAGGTGCCAG  
TTCGCCG

>CONTIG\_551\_length\_462\_cov\_1.026866

TCATACAACCTGTTCTGACTTGGCAACTAGCGCGTGCAGGGACTAGTCAGTACCC  
ACTAACGAAAGCAACAAGGAGAAGACTGGAAGCAGTCAGTCCGGTTGGCACCAAGACA  
TCCCATTACATATGACAACACGACGTGCTGCAAAGACGTCGTCTAATCATACCAGCC  
CAGCTGCACCACATCAAGTGCAGCGTCTGGCAGTCGGCGTAGTTCATTGAACGACGTTG  
CGCAACCACATCAGACTTGACGATGAACCAGCCAAGCGCAGCCGAATGTCGACCGAT  
TCTGGTTGCCAAAGGGTCATTGGCACAGCACCCCTATGAATGGTACCCAAACT  
CCGGAGCTGGACGAGGCTGCATCCAAAGTCACTCCAGAGGTATAAAAACCGCAGG  
AAAGAAAAGGCGCGCATCAGACGAATCCACGCAATCCGGAAAACGCGACCAAAT  
GGTGTCTGACC

>CONTIG\_552\_length\_461\_cov\_1.038922

GTACAGTTAGGAGGGAGGAAACTGAGATCTCATTGTTCAAGGAATAGATATTAGTT  
TAATCAAATCATTGTAATTCCAGTTGCTGTATATTTCATAATCTAAACTTAAGCCA  
ATCAGTGCATTCCCTAGGTGACCTCATTAGTAAATGGTGTCCACATGGCCTAACAA  
ACCCAATCATAGTTAAGTGGACTTTAGTTCTAATTGTAATAAGGTTTGCTG  
TGCTCCTATCCAGACTCTCATCTGAATGTAATCTCCATCATCCCCACGTGTCAAGG  
GAGAGACCAGGTGGAGGTAATTGAATCATGGGGCAGTTCTCCATGCTATTCTCG  
TGATAGCGAGGGAGTTCTCACGAGACCTGATGGTTATAATGTTGGTAGTTCT  
CCTGCGTTCTCCTCCCTCCGGTACCTTGAGGAAGGTTGTTCCCTTATC

>CONTIG\_553\_length\_460\_cov\_0.783784

CGCCTGGTGAGCAGTTGCAAGGCGCGTTGGCCGAGCTGGGCCATTGCGCACCGGC  
GCTTGCACGCACCGATCCGCACGCCGCGCAAACCCCCGGCGCTGCAGTCGCCACGC  
TGCGCCAGCTGCCAACGGCAGGCCACGCACCGAGCGTGCAGACCTGGGCCAGATGGA  
CGCGTACTGGAGCTGCAACGGCTGCGCATATGCCGGCAACTGGCGCAGATGGA  
CTACGACTTCCTCTATAGCCCCGCCAGCAGTTGCTCTCGATTGGGTACAACGTCGA  
CGACCATCGTCTGGATAGCGGCCGTTACGATCTGCTCGCTCCGAGGCACGCTTAGG  
CATCTCGTGGCGATGCCCAAGGGCAAGCTGCCGCAGGAGAGCTGGTTGCCCTCG  
GGCGCACGCTACCGATACCGGCGCCGAGCCGACGCTGCTGTCGTGGAGCGGGCTCG  
ATGTTGGGT

>CONTIG\_554\_length\_456\_cov\_1.051672

TTACCGGCCAATCGGCTCGGATGCCGCTCGAATGCCGGCTGGCAGATTATCCTG  
GCCGACTCCATTGCGCCCTGGACCACCGCAGCGCTGGCGCTCCCGCGCAGCCGGTC  
ATCGCACCGAACCTTGCCGGTCATCAGCGGCCGACTGCCAAGACGCTGTCGCATCG

ATCGCCGAAAGCTGTATTGCGCGAAGTCAACGCCGCGTCCGGAACGTGCGGTCGA  
TCCCGCGTAAGCGGAGGATTACACTGCGCAGCTACGTGAGCGCCTCTCCCTCCATG  
TGTTGTTAGTACCTGCCCGATGCCACAGCGCCATCGCATTGCGCACGCGCTGC  
TCAACGAGCGCCTGCCGCTCGTCACCCAGGTGCCCGCGTGCAGTCGCTGTACC  
GCTGGAATGGGGCGATCGAGCGCAGTCAGGAAGTGCAGCTGTTGATCAAGACCTGG  
GA

>CONTIG\_555\_length\_455\_cov\_1.926829

GTTCCGAGCGAGGACGTTCTGTCGGAGCACTTGGGCCGTAAAGCTCTGGCAATTAG  
AGCCTGCGCGAGAAGCTGGTCAAGAACTGGAAAACAATGACCAGCTGGAGCTGTT  
CGAAGAGCTGGAGATGCCTCTGGCTCTGATTTGGCGAAATGGAGAGCACCGGTG  
TCAAGGTGGATGTTGATCGTCTGAAGCGTATGGCGAAGAACTGGCGCCAAGTTG  
AAAGAGTATGAAGAGAAGATCCACGAGATGCCCGTGAAACCGTTCAATATCAATAG  
CCCGAAACAACTGGGTGTGATCCTGTTGAAAAGATTGCCCTGCCGGTTGTCAAAAAA  
GACCAAAACTGGTTACAGCACGAGCGCGGACGTGCTGGAGAAATTGGCGGACAAAC  
ACGATATTGTGGATTACATCCTGCAATACCGTCAGATCGGCAAACGTGCAATCCACCT  
ATAT

>CONTIG\_556\_length\_455\_cov\_0.777439

CTTCACCAGCGCCGACTGCCGAAATCGCGGATGCCGATCCTCTGCGCGGCCCTCTGC  
GATCTGCATTGCATTACCGCCTTCCAGCACGATCGCGCCAATCTCGTCGGTCATCGG  
CATCACCTGGTAGATACCGGTACGGCCCTGTAGCCTCTGTGCACTCATCGCAACC  
AACCGCTCGTATAGCTCGATGCCGGAAGCGACCTGCTCTGGCGTGAAGCCTCGGC  
AACAGCGCGTGCCTCCGGCAGCGGTGCCTGCGCTTGAGTTGCACAAACGCCG  
GCCAGACGCTGCGCAATGACCAAGGTACCGACGAAGTGTACGGTGCAA  
TGCCCATGTTCATCAAACGCGCATGGCTGCGCGCATCGTTGGTATGCAGCGTCG  
ACAACACCATGTGACCGGTCTCGCGCCCTGATTGCGATCTGGCGTCTCCAGGT

>CONTIG\_557\_length\_454\_cov\_1.058104

ATCTACGCTTCGGGAGGTAAACCCAATGACGTTCTGGTGCCCTGCTGTGCCTGGC  
CTGACCCCTGTTATCTGTGGCATCGTCATCCAGACCGCCGGATCTCGGGTCGTCCAT  
AAGGTTCTGCCACCGACGGTGACCGGCCGCGTCTGTTATGCTCATCGGGTCAACCTC  
GCGCCGGTCGTGCCAAAGCCTACTGGCCCACCGACCGAGTGGACCGCACTCATCGTC  
ATGCTGCTCGTCATTGCACTGTCGGTGGGACCACGCGGCTCGTGTCCCGGATCGCT  
ATCTTCTGGCCCTGGTTATCGGCTATGCGCTGTCGTGGGCGAAGATCTCGTTTCG  
GCCCGCTGCGCCACTCCGATGGCGGACCGCCCCACGGTAGATTGGTGGCGGTA  
CATGGCTCCCGTGGATCGGCTTGCCTCCGGTGACGAGCTGGACAGTTGGCGAT

>CONTIG\_558\_length\_454\_cov\_0.951070

GCCGTCGGCTCATCTGCCAGCAAGACTGCGGGCCGCACGCCACAGCCGGACGAC  
GGCCACCCGCTGCTGCCACCGAACACGTGCTGGCCTGCTGATTGCCAGGTC  
AGCCATGCCAAGAGGCCAGTAACGTGATACCGCATCTCGGCTCGGCACAGAG  
CGCGTCTCCCAGACAGTGAAAGTACGGGTGAGGAATGGTAGCTGGAAGGCCTAG  
GCAACCAGCCCCTCACGGCAGGCCTGCTCAGGATCACGGTCGCCATGACCATGAGC  
AATGGTGATGTGCCGCTCGTCACTGGAAGCAGGCCACCGATCATGCCATCATGGT  
CGACTTACCCCTGACCGGATGCTCCCTGATGAGACATGCCTGACCTGCGTCAACAGT  
CGCATCGCGCAATGAATCGTCACCCCCCACGCGCGGAATGCCCGAGGGGAATG  
TCT

>CONTIG\_559\_length\_453\_cov\_0.914110

GTGCGGGATGCAGTGCCTGAAGGCGCCGCTTGGCGACGAGCAGATGGAGGC  
GCTGGGCACAGCCTGGCGAGGCGATGTGCTCTACACCGGGCAACCCGCGAGC  
TGCTGTTGTCGCAACTCAAGTTAACGAACGCGCACTCGGCACGGCCGAGCGCGA  
TTGACCGAAATGTCGGCCGATGGCTTGCCTGCATCCGGCCGGCGAGTGGTTGCTG  
GACAACATTATCTGGTGAAGAACAGATGCGCCTGGCGCGTCAGCATCTTCACCC  
GGTTACAGCCGGAATTGCCCGTCTGCCACGCTCACCTCGGTTGCCCTGCCGCGC  
GTCTACGAGCTGGCCTGGAAGTGGTGGCGATGGCACGGCGCGTGGATACGAT  
CACGCTGAGCCGTTCTGCAGCCTATCAACAGGTGGCGCCACTCAAACCGCGA  
G

>CONTIG\_560\_length\_453\_cov\_0.834356

GGTACAAGGAGGAACCTGGTACCATTCCTCTGAAACTATTCCAATCAATAGAAAAA  
GAGGGAATCCTCCCTAACTCATTATGAGGCCAGCATCTGATACCAAAGCCG  
GGCAGAGACACAACCAAAAAAGAGAATTAGACCAATATCCTGATGAACATTGA  
TGCAAAATCCTCAATAAAACTGGCAAACCGAATCCAGCAGCACATCAAAAAGC  
TTATCCACCATGATCAAGTGGCTTCATCCCTGGGATGCAAGGCTGGTTCAATATAC  
GCAAATCAATAATGTAATCCAGCATATAAACAGAGCCAAGACAAAAACACATG  
ATTAGCTCAATGGATGCAGAAAAGGCCTCGACAAATCAACAGTCCTCATACTA  
AAAACCGCAATAAACTAGATATTGGTGGGAAGTATCTGTTAAAATAAAAGAGCT  
AC

>CONTIG\_561\_length\_452\_cov\_0.704615

CAGGAAGCGGTGGCCGGATTCTCGCAGGCGGTGTCAAGGAGATGTCGAACGGT  
CAACAAAGCTGTACGGCCAGGCATTGCCCGCAGTGTATGTCAGGCCGGCGCAAAG  
TCGCCGTCCACCTCGACAAGCCGCTGCCATCGACTTCGACCCCGAAGGTCGCAAGG  
TTGATCACCAGCAGGAGAAAACCATGCTCTCGAACTGACTAAGGGCTTGCCTG  
GCCCTCCTCGCGCTGCTGGCGGCTGCCACAGCAAGGAGGATCTGCTGACC  
CACGGCGACCGCTCGATGATGGATATCTGGCAGCAGGAAACCGCGACGGCGCGGT  
GGGTGGTGCCGGCCAGGTGGCTACCGCCTGCTGCTGACGCGCGCCAGAGCCTGC

GTCGGCCGCTGACCGACGCCGACGTGCAGGCCGCACCCGCCGAGCAGATGCGCTAC  
A

>CONTIG\_562\_length\_451\_cov\_0.774691

CCTTGTATGAGCTCATGCTCGAGGTTCTCGACATCCGGATGCGTCGTGAGGAGCCCC  
AACAAAGTCGTTGTGACTTGCCACATCCTGGGGAGTACTTGGCGCAGTTGGCCTGGC  
AGTCAGTCTTAGGCGATGGTGGGATCCGCTCACTTGCCTGGCAAGGTTGGCCAGA  
AATGGGGCGGTGATGGTCAAGGCTGTGCCACACCTCCGCCATGAATGCCACCGCG  
CGACGCAGCATGCACGCTGCCAGGGAGACGAGGAGGGTATAACCTCGTACCTCGA  
CAAAGTTCCACTCCGGTTGGGGAGGCCCTCGTAGTGTGCGCGATGAATCATGCCAC  
TATTGATGTTGGTGAGCGTCCCACGTTGGTATCACTTGCCTGACCCGTGTCGGTG  
GGTCTTAACCGGAACCTGGGAGGAACGCAGAGCCCTGACGCTCGGGTGCACCGCT

>CONTIG\_563\_length\_450\_cov\_34.452012

GCTTGGCAAGTCGTCAAGCGCGGAGAGCAAGATGAAATACACCATCGAGATCAATG  
CGACTGTCCAAGTCGCCACTACATGACAGTTGAAGCAAGCTCGCCGCAGGAGGCG  
CTTGCTCAGTGCATGTCGACACGATTGCGAACAGTGACTTCGATTGAAAGAATGG  
TTTAGCGCACCGAGATCCATCGCATCGAACATGAAAGATGAAACCGGCACGCTCATTGCGTGT  
GAATCGAGGACCATGTTCCAGACATCGACGATCTGTAAGTCCCTCTCGGCTTGT  
CAATCGACTGATGCTGTCACGCTGCGATCTGACGAAAGGCCTTCGGCTTAAGTT  
GAATGGAAAGGAGACGAAATGGACCAATCAATTAGAAGAAATATTAGACAAGCAG  
TGAAGCAGGGAAGCGAGACATATGTGCAGTCGCTTGTCAAGGCTCAGGGTGACAT

>CONTIG\_564 length 450 cov 0.811146

TCGTTAGGCTCGCCTGCGAAGATCCCGACGCCACCCAAAACATCCACGGCTGCTG  
GCCAACTGGCGCACCAACCTGCTGGGCTCCAGTGCCAAAGGCACCGAGTTCTTCATG  
AAGCACATGCTTGGCTGCGAGAATGACGTCAACGCCACCGAGCTACCTGAAGGCAA  
GCGTCCTACCGACATCCGTTGGCGCGACGACACCCCCGGCCAAACTCGACCTCATG  
GTGGACCGCGGATTCCGCAACACGTCCACCACACTGCATTGGACGTCGTCTGCC  
AGCCCGCGACGTGGTATGAAAAAACACGACTTGTGAGCACCACATGCATCCCTACG  
TTCATTCCTCAACCCAGCTGGATCCACCATGGGAGGCACGTACCGACTTGAGG  
TGTTCGGACCTTGGCATATTCCGTCTCCCAGATGGCCGTAAAACACCTGGGG

>CONTIG\_565 length 449 cov 0.260870

GGAGGAGGGGGAGGGAAAGGGAAAGGAAGAAGAAGGGGGAGAGGAAGAAAGAGAG  
GGGAAGGAGGGAAAGGGAAAGGAAAAAGAGGGAAAGAAAGAGAGAAGAGGGAGGAGA  
GAGAGGAAAAGAAGGGAAAGAGGGGAAAGAGGGGAGGAGGGAGGGAGAGGAGAG  
AAGAAGAAGAGAGGGAGGAAGGGAGGAAGAGAGAAGAGAAGGGAGAAGAGGAAAAGGG  
GAAAAAAAGGGGGAAAGAGGGAAAGAGGGAGGGAGGGAGGAGAAAGAGGGGAAGAGGAAA

AGAGAGAAGGGAGGGGAGAAAAGAGAGGGAGAGGAAGAAAAGAAGGGAGAG  
GGAAAAGGAGGAAAGAAGGGAGGGGAAAGAGAGGGAGGGAGAGAAGGAA  
GGAGGGAGGGGGAGAGAGAGAAAAAGGAAGGAGAAGGGAGCGTAGCAACGAA  
AAAAAGGGAGGAGGGGG

>CONTIG\_566\_length\_448\_cov\_1.028037

CCCTCGTATCGACCACCGCGGTGATCTCGTCGTCAGACTGAGGAACCTCCTCTCGC  
CCGGTCCGACGCCACCAGCCCGTCACAGTGCTCGACGACGATGACAAGTCCGGCG  
TCCTCGAAGAGATCAGAAAGCTCGGCCAGCGAGGAGGGAGTGCCCTCGCGTCGGC  
CTTGCCTGGCTGGGGCGGAATGGACTTCGACCCATCTGACGACCGGGTGTCCGACCA  
TCTCGTGCAGGGCTCGCACATCGTCAATGAGGTTGGTAACCAACTCGAGTGCTCGTT  
GACGCCCTGGCCCGTCAGGAGAGGCCAGACCAAAGTCCGGATTGCCGGCAGCTGA  
CCCATGGTTCCCGGAATGGCCGTACGACGCAGTGGCGAACCGATCGCGCAGTTG  
ATCGGCGAGCCATGGGGATCGCGTCGAGACCGTCCCGTACGGGATCTCGAT

>CONTIG\_567\_length\_447\_cov\_0.725000

CGCTGTGCTCGCCGAAGCGCTGCACGTATGCGGCGCGCATCGCGGCCATCGCCG  
AGCAATTCTCGCCGGTTCCGGTCGCGGAAGCGGTGCCGCCGCTGAAAGTGAA  
ATCGCGTTCGTCGCAGGTCACTGCAGCTGGATCACTTCGCGCGTGCAGCGCG  
GAGTTTTCCAGCGCGCCGACCAATTCTCGTCAAGGCCATCGCCATCGACAGCAC  
CAGCGCATGTGCAGCGATGCGTCCCCACAGCGGGCGTAGCGCATTCCATGCCGGGCC  
AGCGCCCGCCGGCGCGCAGACGCTGCAAGGCCAGGCCACAGCCGGTGCAGCGT  
GGACCGCCGCCTGCCGGCACCGCCACCAAGGCCATGCCATGCACGGCGAACCAACC  
GACCTGATGCCCTGGCGCAGGCCACTCGGCAGCGCATGCCAACCGTC

>CONTIG\_568\_length\_446\_cov\_0.821317

AAGAGAAAGGACAGATTTTTAAAAACTTGAGAATGTTATAACTAAATTATTTA  
GTGGAACCTGAAGACGCTAAAATACAAATGTTTGTTCATATGTATATAAT  
AATCTTGAAACATGTATAGTTCATTTGCCATTGGTTTATTAACAAAGTTAT  
GAAATGAATGGAATGACAGTGAAAGATGGCAGTATTTTTGAATTGTTATTGT  
TTGAAGGTGCTTTTTGTTGGTTTGTGTTATACAATAATGATAGCATGT  
TTGTTGTCATAATTGATTGTTTATAGATGAAACAGTCCATGGAAGAATTGAA  
GCCTGCTCTCGATATGGAGATCTTACCAAGGCATTTGATGCTGACTCAGAAC  
TTGAGGAATGTTGAACTGTATCCAAGCTGCCAGTAC

>CONTIG\_569\_length\_446\_cov\_0.702194

GCTCTAGGTACGCTGAGCGGGGAGAAGCCTAACGTAAGAGTCTGCAATTGTT  
CTGACTTGCCGCCTGCTGGAATACGGCATCGAGGGCGCCGATCTCGCTGGCTT  
CTTCAACTGCTGCTCCAGACTAACAGTTCTTGGTCAAGTTGGCTCATTGCA

CCTTGCGTCCGTTCCATCAATGTCAGCTGCTGTTCTGTTCTCAAGGCCT  
CAGTTCTTCCGTGTTCAAGACTGGCGACTCGAATCGAAAATCGCTCTGTTCT  
TTTGTGATGTTCGCCTTCTGGACAAGGGCCTGAGGAGCCTCGTACGCTTCGGTTT  
CTTCTGTAGAGTTCTCAATCTCACAGTGTCTCGTGCATATCATGACGTTCTTCTT  
CAAGCAATTCCAAGCGCTGCACCTCAGTGCAGTTCTGTAC

>CONTIG\_570\_length\_445\_cov\_0.886792

CCACCAGTGAGCTAACGAGCGACTGCAACACGTGCCAGCGCACTGGATGCCTCG  
CTCGCTCGCAGCGACGACCAACTGGCCTATTACGTGGCGCAGGCGCGAGGGTGGT  
CGACCTCAGCATGCTCTCGAAAAGCAGATCATCGAAGAACTGCGTCAGCTCGATC  
GCGGTCGCAGCGATACCGCGATACAGGCAATAACCGATAGCAGCCAGGCCACCACC  
GCATGAGCGATGAGATCGACATCGACGGCGAATCGGGCACACCGATCTGGCTGCC  
TTCGGCGACCTGATGTCGGTGTGCTGGCGCGTGTGATCCTGGTCGGGTG  
ATCGGCGTGCAGCTGCAGCTCCAGCCGCTGGACGAAGAGGTCAAGCAACGTCA  
GGTCAAGCGCAGCGTCAAGACGCTGGAACAAGCCCTGGCCGACCGCTG

>CONTIG\_571\_length\_444\_cov\_35.198738

GCATGCCATTGCTGATGTAGTCGGCTAACATACCCAGGTCGCCCTGTCATCCA  
CCCCACGCACGATGATGTGCACGTGCGGGTTGTCGGTGTGATGGTGGCGACGGCC  
ATCCAGTCCAGTTGTCCTAGATCCTGCTCCATCTGTTGCATCAAATCGCGGGTGT  
AGCTTCTAGATTCAAGTTCGGCCATCTCCGGCGAGACGATGAATCGGAACGAAT  
GCCGGTCAGGTTCTGTCGGTCCACGAACTGCGATGTGCTCGCGCGTGAGTTCGC  
CCGTGTGGTAAACGGGCGGGCCGGCCCACCATCCTGTCTACGCCGTGGCGTTGCG  
CATAGTCCACGTGCCGCTGCATGGCGGCTTGCTCCGACCCGTGGTGTGCAACCA  
CACGGGCCTGATGGTGACCGCGCTGCTCGGCTCCGGTGTGA

>CONTIG\_572\_length\_444\_cov\_1.091483

GCCGAGCGCCGTGCCAGCCATTGCTGATCCTCGATGGGCCAGCGGTGCACTCGCT  
CATCGGCAGTTGCCGACCTGCTCGAATACCTGCGCCCCGGCGACCTGATGGTGTTC  
AACAAATACCCGGGTGATTCCCTGCGCGGCTGTCGGGCAGAAGGCTACCGGCGGCAA  
GCTGGAGATTCTGATCGAGCGGGTACTCGACGAGCACCGCGTGCTGGCGACGTGC  
GCTCGAGCAAGTCGCCAAGCCGGCTCGCTGATCGACATCGAGGGTGGCGCCAG  
GCGCAGATGCTGGCGCGTCAATGATGCGTTGTCGAACCTGCGCTTCGAGGAGGCAG  
TTGCCGTTGCTCGAGCGCGTCGGCACATGCCGTTGCCTCCATATAGACAGGCCT  
GATGAGCAAGCCGACCGCGAGCGCTACCAAGACCGTTACGCGCAGAAG

>CONTIG\_573\_length\_444\_cov\_0.782334

GCGCGTGTGATGGAGCAACTGCTGCGGTGAGAGCCTGGCTGCCGCTTGAAGCGGC  
CCATCTGAACGGGCTCAGCGTGGCGCTGGCGTCACGTTCACCCATGCGCTGGTGGG

CGCCGGGTTCGGTGAGACCGCGGGCCTGGCGGCGGTGGCGGCCGCGGTCTGCGCCA  
GCCTGATGGACCTGCCAACCCGCCAGCGCGTGCTGCGCGTGCTGCCGGCG  
CCGCCGCCGCCGGCTGGTGACGCTGCTGGTGGGCTGACGGACGGGTCCTGGCC  
CTGACCCTGGGCTTGATGCCGTGGTGGGATTCCCTGCGCTGATGACCCTGGCCTGG  
GGGCTGCGGCCGGGCCCTGCGTCTGCCGGTGGTGGCCCTGGTGGCTGCGATG  
GCCTGGGACCGCACCGCCGGCAGCACCTACCCGGCATGCATGCGCTG

>CONTIG\_574\_length\_443\_cov\_0.854430

TCAGTCGGCATTCAAGCCTCGGTGACGCCGTCGACCCCCAAGTGATGTGACGGTCGG  
GAAATATCTTGTGGCACTCTTGAGCCTCGCCTGATTCCCCATACCCGACTTAAGCT  
CAGTATCGACGGCATGAATCCGGATCGGACCGTCGTTCTAGAACCGATAAGGATC  
GGGATGTACTCAGCCTTCGTCGAAACCTCCCAGCTCGTACCGTGAAGGTGACC  
CGACCGACGACTCCTCGTCGGTACCGGGCATGTTAGACGACTGCTGGCAACGAG  
ATTCCCCAGCCATATATGACGATCTGCCGTTATCCCGTCCATGGCTCAACGAC  
GTGGCTGTGGTGGCAGTAAACCATGTCGACGGCAGGAGATGCAGTAAGGCGCTGCG  
CTAGCCGAATCTGTTCTCGGTGGCTATGGTATTCGAGGCC

>CONTIG\_575\_length\_442\_cov\_1.073016

GATAATAACAGCAAAATTAACCAAAAAGACAGCGAAAAGTACGACAGCTAACAAAG  
CTGATGTACTCCCTACTATTACGGTTTCTGCTGGAGATTACGGTTCTAATCG  
CAAATCGGGTTATTCTTTGTCCACTTCATATCTTACTCCGCTGATCGAATATTCTC  
GTTATTCAATTAAAGTCCTAGAATTGCGATTCTTCAAGCGTTCTGCCCTCAAC  
AATTCAATTACCTCTTGTGGCATCATCCAACCTCTGTCTTCTCCTCTATCTGCGC  
ATTGATTTCAGATCATTGTAATTGTAGGAGTTGAGTCTGCATAAAAGATAATA  
CTCAGCGCCAAAACGAGAGCTGTAAACGCAATGGAAAGATAAAAAGCCTCTCCAC  
ACGGGAGAATTTCATACGACTCTGTAATAATTGACTG

>CONTIG\_576\_length\_442\_cov\_0.822222

CCTCCAATGCGCTTCATACCGCCAACCTCAACGGCGTGCCTCCGCCAGCAAG  
GGTTTCTCGACTGGCTGCCAACGAAAAGGCCAGGCCCTCGCGTGAGGAGCT  
CAAGGCCAGGCCGATGTGGTCGAGAGGCCAGTCGCCAGCTGCCAGGCAAGCTACCG  
GGCATTCCACTACGCCAGAGAAGAAGGGCTACTCGGGCGTGGCCTGTACACCAAG  
GAGGCGCCAGCGACGTGATCACCAGGGCTGCCAGTTCGAGCTGACCAAGGAGGG  
CCGCTGGTCGAAAAGCGCTTGACAAGCCCAGGCCAGCTCAGCCTGATCAGCG  
TCTACTTCCCGAGCGGCACCAGCGCGAGGAGCGTCAGCAGGTCAAGTACCGCTTC  
CTGGATGCGATCTACCCGACCTGATGGCGCTGAAGGCCAGCGCGAGT

>CONTIG\_577\_length\_441\_cov\_0.920382

GTGAAGAGGACGTCCTCATCAGCCGGCACGCCAGGGCTGGGCCAGCAGCAGGCC  
AGGCTTGGCCAGGTGGCGCTCTGCACCAAGCGGTACTCCACGCCGCCAGGAGC  
AGCCGATGGGAATTCCACGTATGAGTAGAACTCTGAGTCTCCCGCGCACATGCGC  
ACGATCTGGACGTAAAAAATTCTGCCGCTGTGTCACAGCGTCTGCTGGGTG  
TCCAGCTGCAGCGTCAGGAAGTACACGAAGGAGGCAGCTGACGAAGCCGTAGATGTA  
GTAGATGTCAAAGGCAGGGTACAAGGACAGCGTGTCTGAGGGGATCTGATCTGGG  
AGGACACAAACTCATCCTGGTACACCTGGGAGCAGGGGAGGAGACAGCATCCG  
GTGAGGCCCTGTGCCAACATCACGGGCCACGCCAGCTCCCTGTCAT

>CONTIG\_578\_length\_441\_cov\_0.885350

ATCTGGCGTGGACACCGTACCGATAACGGCGACAAGCTACCGGCTTCATCGAA  
CTGGATTCTCGGCAACCGCCTGGCCAACCAGGTCAACAATCTGTACGGCGGCACC  
TTGCGCCACGCCTACATGAGCTGGAATAACTGGCTGGCCGCCAGACCTGGTCAA  
CTTCATCGATTCCACGATCCTGCCGAGGCCGCCACATCGTCGGGCCGACCGACGG  
TGCCTGTTAGCCGTAGACCCAGATTGCTACACCCGCGGTGCCTCAGTGTGTC  
GGCAGAAAATCCGAGACGCTGTCACGCCCTACCAGGGTGGCTACACCATCCTGG  
CCTCGGACCATGGCGCATGCCGACCTGACCGCGCCTACAACCTGGAAGGGCACC  
TGGGGCACGTTGGGCTGTCGGGATCGCGGCCAGTACCGCACGC

>CONTIG\_579\_length\_441\_cov\_0.831210

TCGTGCAGCACGGCCTGCAGCGAACGGAAACGGTAGTAATCGTTCCGTTGCGC  
TGCAGGCCGTGCTGCACGAACACGACTTCGCGGATGCTGCCGAGGTTGCCATCAAG  
CGGATGGTTGGCGTAGACGGGAAATCGTAGCCCGCTGCATCGTACCAAGATGCA  
CGCGCTGCCAGACGGGCCCTGAGGCTTCTGCGCAGCCACGCCGCCGCGTCTT  
CCGGCGTCTGCCGCCCCCGCATGCGGCCAGCCCTAGCATCGCAGTCATGCCACTC  
CAAGCGCCAACCGCGCCAGCCCTAAACCATCGCGCTCATATCGTCTCCGTGGT  
GGATGAAACACGCGCCTACCCGCCCCCGCAGGTCCGACGCTCCCGAGTCTCGATC  
AGTCGTCGTGATTGGCGGGCAATTCCGGAACAGCACTCGTAA

>CONTIG\_580\_length\_440\_cov\_3.166134

GCGTTATCGCAACTCGACGTTTAAGATCCCCAAGACGCCCGATTACTTAATCTTG  
TGGGAAAAAAATCTATTGAAGGACTCGACGACTTCATGCATTAGGTAACCTCTGAAC  
AACTCTTCATGAGCTTCGACCAACAAACGAGGCAATCTCTACAATGCGAAAATGC  
TTTATTCCAGCATGCGTGACCGATGAGGTAGGGAGTGTCACTGCTTGCAGTTGACG  
TAAGCTGGCCGAAGCTAGATGTCAACTGATTGAAAGAATTCCGGCTGTGCCGT  
CTGCAGAAACTATTAAAGTGGACGTCATTGCAGCGCTGTCCGATAGATCGCTCCA  
GAAATACGCTGCGAACGATGTCCATGCCCTACAAGTACGACTTACCGTTATGTGG  
TATGTCTGCAAGCGTGTGTTGAGGGTCACTCTGTGACAGCG

>CONTIG\_581\_length\_440\_cov\_1.591054

TTGAGCATCTGCAAGCCAACCACTGCGGTGGCCGGAACAGCTGCACACGCGGAA  
GCCCAGGCCATCAGGGTCAGCAGTCAGTCGGCGTGGCCGCCAGGGACGGCG  
GGATGGGTGCATCGCGAGCAGGCGTGCAGCGCGCGGGGTGCCTGGGTGACC  
AGAAAGTCCGCACCGGCATCCACCGACTGACGCAGTTGCAGCTCGCTAGCACCGT  
GCCGGCGCCGATCACGATGTTGGGCAGTCGCGCTTGAGCATGCCAGCGCTTCGAT  
CGCGATCGGGGTGCGCAAGGTAGCTGATTGCCAGGCCCTCGAGCAGCG  
CATCGGCACGCCGCGCCCTGGTCCAGCGTGTCCACAGTGACCAACGGCAGGATG  
CCGGCATCGCGCAGCAGCTGGCGGTGGTTGGGTCTGGCAAT

>CONTIG\_582\_length\_440\_cov\_1.035144

TTTCACGACACCCCTGATGCGCTTGAATTAGGCAGAGTCAGAAAATGATGGGTGTA  
GGCAGCCCGTAGCGGTGCCATTCCATCGAGGAGACTGATAGCGAGGAGCAGTGC  
TGGAGGACTGCAATTAGCCTGAGGGTTGTTGCATGATTGACAGCTCCGCCGGAT  
AACGGGGTCAAGCTCACTTAGCAGTCGATGGCGCTTGCTGCCGGCGATGAGC  
GGGCCTATGCCGCAAAGCGGCGGGTCTGGCTCGACCATCGCGCGAAGGCAT  
CGTGGCCCAGAGCTGCTGCTGTTAGGGTGTGGACGCTAACGTGTCGCCGTTCGT  
AGGCGGGTCGAAAGGCTGCTGAGGACAGGGTGTACAGACTGCAACCTGGTGCAT  
CCGGCTTTTACTCTGCTCCTGAGCTCAATGCTCATCGCGAGTG

>CONTIG\_583\_length\_440\_cov\_0.805112

TTTCCACAGCGCTAATTCAACCAGGGAGACGGTTGGAGAGTCGCCGATATTGCTTC  
TCTTCAAAAGTCTGCACAAGGATGTGCAGGCTTGCAGGGAAAGCGCATAACAGC  
GCTCGTCTCGCATAGTTAACTTGTGACGTAGCTGCGTTGCGGATCTACCAACGTT  
GTTGGGACCAAGGCAACTTGAGGTTATATGGTCAAGCCGACGGATCATTAGTATCA  
GTTAGCTCAATACATTGCTGTACTTACACACCTGACCTATCCCCTTCTTGTCTCTT  
TTCCCTTCTTTTGTCCCGGGAAAGTCTCATCTGAGGCGCGCTCCGCTTAG  
ATGCTTCAGCGGTGTGCGCTCCGAACATAGCTCCCGGAATGCCACTGGCGTGA  
CAACCGGAACACCAGCGGCTGTCTTATACACAGTT

>CONTIG\_584\_length\_440\_cov\_0.795527

GGCACCATCGCCGAGGAGGCTCACGCCGCCCTGCCGGAACCTGGGCTCATGC  
CGAGAAGGCTCCACCCAGCACACCAAGAAGGCATCGGCTGAACAGGCCAACGC  
GCCACGACGTACACCGCTCGGTTCGCGCTTCTCGCGTCCACCTAACGTCCGTTCT  
GGACACAGCACTGAGTATCGACGCTACGGGCTCCTCCGCGACAAGCTCCTT  
ATTATCGCGAGGATGTCCGGGCTGGACTCCTGTCAACTATCGCGCAAGACTGCC  
TGGGTGGCCACCCGTTACACTAAGGTGAACCGTCCGGTGGTATCTACGCCAG  
CGTGGCGATCACAATGCCGCTCGAAGGCTGTCCAGCGCGACCTATCGACCCCTAAC  
TACTTCCGGCCAAGTGGGTGGCTTGCCCTATGGCCCGATCAC

>CONTIG\_585\_length\_440\_cov\_0.699681

GCTTCTGGCAGATGACCTGGGAGCTGGAGAAACTGACCCAGTGAGCCCATCAGTA  
AATACTGCTTGCCTGCCAGCCGAGGCTGTGGAGGGTTCCCTGTTGTATCAGGAAGGT  
CACAGGGGAAGGTTGCAAGGAGGCAGTGGTAGAACGCCAGGTGGGAGGAGGCA  
GAGGCTGGAGAGATTCTAGCACCCAGTGCTCATCAGGGTTGCTCCTCAGA  
GCCACTCCCCAGAGTGAGCAGACAGCCTGTAGCCCAGGAGCTCCAGCTAACGGTC  
AACCGCCCTGAGCTGAGAGTCCCACCCAAACAGGCTGGCAGGATCCTGAGACCTG  
GAGCAGGAAAACCTCCATTAGATAGGCTTATGTGTGGTAAACCTCCAGCCAAGCT  
GGAAGCTCCTTGTGAGTGCCTGGAAATAGACCAGTGGCCTCAGC

>CONTIG\_586\_length\_439\_cov\_0.858974

GTTCTAGGCTAGTCCCCGTGTCCAGCATGACTGTTCTCGCCTTGGGTCCGGTGGCCG  
CGAGCATGCCCTGCCTGGCCTGCCATCGTACCGCAGAGGTTGCCGCCGTCCACGT  
CGCTCCCGTAACCCGGGGACGGCATCCTCGCCACGAATCATCCGTTGGATCCGTG  
CGATTGTGATGCCGTTGTCTCCTGGCGCGTGGCTGGAGCTGACCTCGTCGT  
CGGCCCGGAGGCGCCGCTGGTTGCCGGGTGGCCGATGCTCTGCGCGAGTCCGGGA  
TCGACTGCTCGGTCCAAGTGCCGAGGCCAGTTGGAAGGGTCGAAGGTTCG  
CCAAGGAAGTGATGGCTGCTGCCGTGTGCCACGGCAGCCTCCGTTGCGACG  
ATGCCAATTCCGTCTCGGCTGCCCTGACGAGTCGGGCC

>CONTIG\_587\_length\_439\_cov\_0.810897

GAGGCGATGCCGCCGGTGC GGTTGATCCAGGAATTGGTGCTGCCGATCGAGATCGG  
CAGGGCCTGCGCGTGCCGGGTTCGATGCCCTGGCCGGCGACCACCAAGTGGCCCT  
GACCCTGTTTCTGGTGTAGACCTGGGTGTGCAGGCTGATCGCATCGTTGGCT  
GGAAGTCGCCGGCACGTAGAACAGATCGTCGCAACGCGCGCTCTGGTAA  
TAGGCATCGTCGACGTTGTCCACGCCACTGAAACACAGCGTGCCTCCGC  
TTTCCTTTCTCCCTCCTCTTCCATTTCATTTCTTACATATT  
CATTCCAACCCATTCCACTCTCCATTCTCTTTACATATAACTAATATTCCCT  
CTATTCTCTATTATCTTAACCTTTCAACTTC

>CONTIG\_588\_length\_438\_cov\_21.057878

CCAGCGAGATCCTCAACGCAGAACTCCCCCACGGGACAGTCCCCATCGTTGCCATCA  
TCGATGCCGGCTTCTCCCTGGCGCGACCGATGCCGACGAGCCGGAGCGGTGCGCC  
ATTCTGATCAGGCTGCTTCTCGCGCTGGCGCATTGAGCGCAGCCTGTATTG  
GGACATCAGGCAGTGCAAACAGCGATCAATTCAAGATAGCCTGCGAGTCAAAGAT  
GCCATCCACTTGCGACGAACACACCGCAGCGCGATGCCGGCAAACCCAATGACCT  
AGGCGTTGACTTGTCTCGCGCTTACCTCCGCTTGCGAGCAGATTGCCGCAAGTCG  
CGCGCATCGCCTCTGGACCGGACGCCGACAAGCGACAACATCACATCGAACGCGC  
AGTTCTGGATTCTGGCGGCTCCCGCGAGTCCCAGCTGGA

>CONTIG\_589\_length\_438\_cov\_1.012862

ACCTGATCTTGACGAGCCCCGCGTTCACCGGGCCGCAGCCCCGCCGTCGAGGGCA  
GCAATACCAAGATGATCGCGTAGTGCTCTACACCGTTATGCCTATCCATTGAAG  
TCGCGCGATGATTCTGGCGTGCATGATCGCCGCGGTGACATTGACCCATCGCA  
AGCGGACCGATGTTGTCGTGAAGCCGAAGAGCAGATCGCGGTGAAAGCGAGC  
GAGCGGCTCAAGGTGGTTCGCTCCCTGCGAAAAAGAGTGACAGGAGCATTGCA  
ATGACCCTTACGCACTATCTGTTGCTCGCAGGCACGCTGTTGTGATCAGCGTCGTG  
GGCATCTCTTGAACCGGAAGAATTGATCGTTGCTGATGTGTATCGAATTGATG  
CTCCTCGCGGTCAATACCAATTTCATCGCGTTTCCCATT

>CONTIG\_590\_length\_437\_cov\_1.041935

CCTTGAGCACCTGCGCATCTCCGCCAGAGATGTTGCCGGCCCTGACGCCAGCTCCA  
GGCGGATGTCTCGAGGCTCTGAGCGAAAGCGTTGAATCGTTGATCTGCAGTTCT  
GCAAGACCCGGCTGTAGGCGGTGGTCCGCTTCATCGATCAGAGAGAGAACGATG  
CTACCGTCCGGACGAGGCCACTGAAGGTGGCACGTAGTGGGCGAATAGCTTCTC  
GACAAGCTGTCGATTACCATTTCATTGACGAACTCCAGTTACGTAGGAACACCT  
ATGAGTAACTGAAAGTCATTTAGTCGACGATGCCGCTATTCGCGCCGTTAGT  
GATGAATGTCGATTGTCGCTTCAGCGACTCAGCGCTGGCGCGTACGCTCG  
ATCAGGCCTGGCAGCGTATCGCGCTGTATTGGCCCGGGT

>CONTIG\_591\_length\_437\_cov\_0.974194

CTTGGAGCACGCTCCTCCCCAGCCCTCCCAGCCGGTGCACCCCGCGAACGCCGT  
TGTTCGAGAGATCCCATCGATAGACGAATGGCGCGGGCCGGAAGAACAAAGACG  
CACAGTTGGATCCTGTCGTGCCAAAAAACGGCCGACCCCTCACTGAGTCTACCGAG  
AGCATATAAAATTGAGCCCCGCACTGCAGGGCTCTTGGTTCACTGGAAAGCGCGG  
CGGCCGGGGAACGTAGGCCGGCGCAGGAGGTGCGACGATGACAGGGCTGGACGC  
GGCTCATGGGTTCAATTGCCATGTCCAGTGCAAGGGATAGCGCTGGAGCATGTCT  
CGGCTCCACACCTCCAGGTGCGCCGCGCTGGCTGACCGTCTTCAGCAGAGCGCT  
TGTTCCCTCCGGGGTACCCCTGGCCATTGCATGCCAGTT

>CONTIG\_592\_length\_437\_cov\_0.964516

GTCGAAGCCTGTAAAGCGGGCGGTGCACAATCTTCTCGCGAACCGCGTCAGTGGGCT  
GATCATTAACTATCCGCTGGATGACCAGGATGCCATTGCTGTGGAAGCTGCCTGCAC  
TAATGTTCCGGCGTTATTCTGATGTCTCTGACCAAGACACCCATCAACAGTATTATT  
TTCTCCCATGAGGACGGTACGCGACTGGCGTGGAGCATCTGGTCGATTGGGT  
CAGCAAATCGCGCTGTTAGCGGGCCATTAAAGTTCTGTCGCGCTCGTCTG  
GCTGGCTGGCATAAAATCTCACTCGCAATCAAATTAGCGGATAGCGGAACGGGA  
AGGCGACTGGAGTGCCATGTCCGGTTTCAACAAACCATGCAAATGCTGAATGAGG  
GCATCGTCCCAGTGCATGCTGGTTGCCAACGATCAGAT

>CONTIG\_593\_length\_437\_cov\_0.829032

CCCATCAACAAGCGGAAACCCAAAAGCAACATTCAAAAACGACCTCGATGCCGCC  
GCACCGCCATCGCACACGAGACAGCGAAGGCCGACGTGGTACTCATCGCGAC  
TCGTACGGCGGCATGGTAGCCAACAGCGCGATCAAAGGCTTACTGCCCGGAGA  
CGAAGATTGCAGGGCCATGTAGTAGTCTGCTCATCGCGTCCGGCTCACGCT  
CACGGGTCTCTCCTCATGGACCCGTTTCCACATTCCCCGCCTACATGGCGCGTC  
AATAAGGAAACGGGCTTCGCAGATTCTGTTACCCGCCGGCAGCTTCTATCAC  
GATTGCTGAGGAGGAGGAGGAGTGTAAAGCAGCTACGCCAGAGTCT  
GGAGGCCTGTTAAGGGCGGAGAACACTCGTATGCTGGAT

>CONTIG\_594\_length\_437\_cov\_0.761290

GGTTGCTCAAACAATTATCGTTATTGCTCACTCTATGGCGGGCGCAGTTGATA  
ACTATGTGAGCATGGCCCAGCGTGCTCAACCACGCCAGGCCAGCCTCACCC  
AAGCTGCTCCTACGTTGCTGCCGTTATAGGTGTTATGCCATCATTTCAG  
GCACTGGTGAATGGGGCATGTTGCAACCAGTCGTCCTGCCGGAGGGCTCAG  
CCACCAGCGCAGACATTCTCTGAAGTCGGTCGACCGTTGCACAAGCGCTGCC  
GGTCGGACACGAAGTCGTTGAAGCCGATATTGACTCCCGCTCATTGAAACCTTGC  
TGCCAACGACGGTGCCTGTTCCATGTTGCACGGTGGCTTGGCGAAAATGG  
TGCCCTTCTGAAGTGCTTCAGCTCATGGACATCCCC

>CONTIG\_595\_length\_437\_cov\_0.725806

GTGCAGCAATCCGGGCTTCAGTCGGCGTACACGGGCCAGGGCATCAACAAGG  
TGGGTTCGAACACGTTCCACGATATCCAGGTGCGTTATGTGCTGCCGTGGAATGGCA  
CGGTTTCACTGGGTGTGAACAATGTGTTGACCATCAGGGTCCGATCATGTACAGCC  
AGCCGAACAGCAGGTTACGTACTACGGTGGGTTGATATCGGCCGTTACATGTACA  
TGAAGTATCAGCAGCGTTCTGATCGGGTCCGCTGATCATCCTTCTGATCTGCC  
CTTACTCTCCAAGCCGCCAGTGGAAAGTGAGACGGCGCTCAGGGCGCGTCTT  
TTTTGCGTTGCCGTTGAAGCGACGGCTCTGGATCGATGGCTTAGAGCAACA  
GCTCTTGGAGCAACAGCTTGGAGCAACATCGCTT

>CONTIG\_596\_length\_436\_cov\_0.741100

GATCCCGAGCTTCTGGCAGACCTCTACACCGGAAACACCACGCCACCTCCGG  
GCAGTTCACCTATGGCGGCACCACTCGCAGGCACCTCGATGGCATGCCGCATGT  
GGCCGGAACCGCCGACTGGTGCAGAGCGCGCTGATTGCCGATGGCAAGCCGCC  
TGTCGCCGGCAGCGCTGGAAGCCTGCTCAAGCGCACCGTGCCTTCCGGTGC  
CGATTCCGCCGGCAGGCCGGCTGGCACCGGGATCGTGGATGCCGGTGCAGGGT  
GCGCGCGCTTGCAGGGCTGGCACCTCCGGGATGTGGCTGCCAGGTGGATGCG  
ACCGCTGCGCAATGGCGTGGTCCAGAGCGGCATCTCCAATCTGCCGGCGATGCC  
GCGTGGTACCTCGAGGCGAGCGCGGGTGCAGGTGAGT

>CONTIG\_597\_length\_435\_cov\_0.860390

GCATGCGTTCCTGGACAACGGCGGCCATGGGTGAACGTATCCGGGACATGGACT  
GGTCCGGGCATGCGCTCGGCTGGCCTCCGACCTCCTGGCCTGGGCGAGGGCTG  
CTGTCCATCGTGCCTGGCTCGGCCTCCGACCTCCTGGCCTGGGCGAGGGCTG  
ACCTGTTCTCAACGATGCCTACCTGCCATGCTCGCAACAAGGCACCGCG  
CTCGCGCGCCCCACCCGAAGTCTGGCACGAGGTCTGGCACGAACCTGGAACCGAC  
TATCCGGCGGTGCTGGCGAATCCTCTTCGAGAACCGGGCGGTATGCT  
GGAGCGCCACGGCTACCCGAGCAGGCCTGGTCACCTTCCTCAGCCCCCTGCG  
CGACGAGCTGGCGCGGTGCGCGCCTGATCTGCACCGT

>CONTIG\_598\_length\_435\_cov\_0.730519

CGTCGATGTCGAAGTCCTGCAGGGTCAGGCCCTGGCGGCCAGCATCTGCGGCACT  
GCAATGGTCGGCGCCATCAGCAGGCCTCGCCATGCACGAAATCCACCGCCGCCAC  
CTGTGCATCGCGCAGATAGGCCATCGGGGTGTGGCGTGCAGCGCCCAGGCTT  
CGCTGGACAACACGACCGCGCAGCACCATCGGTGAGCGGGGTGGAATTGGCTGCG  
GTCAGCGTGCACGGAAAGTCTTGTGAAGGCCGGCGCAGCGTGGCGAGTTT  
TTCCAGCGAGGTGTCGGCACGAAAATATTGTCGCGCAGACACCGCGAACGGGG  
CGATCAACGAATCGAAGAACCGCGCTACGCTGCCAGCTGTGATGCGAG  
GCCACCGCCCACCGCGCTCGAATCGCGCGATGTTCCATT

>CONTIG\_599\_length\_434\_cov\_25.026059

GCTGAAAACGACTGGACCTTGCTACGCCGCTGATCACCAAGGGCGACGATCAAAGCG  
CCCAGACAAACCAGTAGGTCTTGCCTCAATGATTGCTTAGATAACAGCGCTGCAATT  
GCAGCGAGTGAAATAGGGATAACCTAACGAAACTTAGTCGCGTTATCAACAAACAAGTCC  
ATTGAGCTGCCAAGAGGTTCAACTCAGCCTCGCGATATCGCGAAGGATAACCGTC  
AAACGAGAGCTTATTCAACACGCATTCAACATCGTAGGCAAAGCGCTCCAACACTTT  
TGGCCAACGCTGGACCAACGCAGAAAATCGGCCTCGATGTCGGACTCGGTGCCA  
GGACATCGGCCACACCCAAATCGAAATAGTCCTGTATTCTCGGTCTAACTTTCC  
CTTGGCGTCTTCTTAATAGGTCTTGAGCAACCCCT

>CONTIG\_600\_length\_434\_cov\_0.840391

TTTCAGGCCAAAAGTCCGCAACTGCTCGGGTGTGGGGCCGACAAAATCAGACCGG  
CAGCCTCGCACGCCCTCAGCAAAGGCAGCGTTTCCGAAAGGAAACCGTAGCCAGGA  
TGAATCGCTTCCGCCCCGCTCTGCTGCGCGCGCGATGATCTTCCGTCACCAGA  
TAGGTTGTGCAGCCGGGCTTCGCCAAGGCTTAGCGCCACATCCGCTCGCGGATA  
TGTAAACTGCTCAGATCGGCTCGGAGTAAACGGCGACCCCTTCACCTGCATGGCA  
CGCAGCGTGCAGGATGCGACAGGCAGTAGCACCGCGATTAGCAATCAGTAAGGT  
ATCAAACATAAGCGAACTCTCAGGGATGCGGGTCCGACCGCAAAATTGATATTCCC  
TGGGGCCGTCCCCGGGCTGACCGGCACGTAACAGGCG

>CONTIG\_601\_length\_433\_cov\_20.049020

ATCGTGCCTTCGGAAGGGCGCAGCATATATCGAGCGTCAGCGGTCTCATCGAG  
CGAACTGAACGCCGCTTGGAACTCGTTCAAAAAAGGCCTAGGCTCCTATCGACGC  
TTACGGTCACCAGAGCGCGGTATGGGGCTATCGGTGTCGTAAAAGAAAATATCGC  
CGGAAAGCTGGAGGTTGCGATCAGTACGCCGCTGGCGCCTGGCTCATATTGATCC  
AACCGAACGGCTTAGCCATGTCGTTCTGCGGTGCGATTGTTGGGAGAGCATGCTGG  
TGCTTGGATGACCCGCGCCGAACACGAGGCCAGTCCAACAACATGCAGGTGCCTT  
ACCGGCAAGGTGAGCACCAAGCCCCGTGCTCCTTCACCAGCCCATCGAGTCAGG  
CAATCGCTATCCATGGATGCGCAGCGATGGTCGAAG

>CONTIG\_602\_length\_433\_cov\_1.117647

GCTGCTGGGCCGTGGCGACGACGCCGGCATGCGTCGGCTGGCGCAGCTGTATGCC  
CGCTGGTGCCTGGCGCTGTGGTGCAGCGCAGCTGCCAGCGGCTGGCC  
GATTGGCCGGCGCTGGAACAGGCCTGCACCGCGCTGCTGGAATTGTCGCCCGGCTC  
GCATGGCGCACCGGTTGCTGGGCGCATGTATCTAACACCGGGCGCTTGCCGA  
AGCGGCCGAGGTCTACCGGAGCTGACCGAGCTGATGGAAGAGCCGCGCTGCGC  
ATTGGGATCACATGACCGCGGCCAGTGCAGCAGCAGTGGAGGCAGTGCCTGCC  
TCGGCGCTGGCGATGGCATGGAGCTGAGCAGCACCAGCGGTGTTGCGAAGAGAA  
CTGGGTTGGTGCTCGTGTGGACGACGGCGAG

>CONTIG\_603\_length\_433\_cov\_0.676471

GCTCAGCAGACTGGCGCCGAAGGCATAGAACTTGTGCGCGTGGCGAAGTACACCG  
GCACCGCGATCGCGATGGCTTCGGGATGTTGTGGATGGCGATCGCGAACCGCAGC  
GGCATGCCCACTGCCGGCTTCCAGTGTGCAAAAAACGTTGCCAGACCTCGGGG  
AAATTGTGCGCGGTGATCGCAATGGCGGTATCAAGCCACCCGGCGGATGTAGGC  
GCGGTTGTCGTCGAAACAGCGGGTCATAGATGGAGAGGCTCTGGTGCAGGGTTGG  
GCAGCAGGCGGTCGATACCATGATCAGCAGCATGCCGCCAAAAACGCCAAGGTG  
CCGAACGTAAAGCCGAGCTGTCGTTATAAGCGTTGGAGAACGAGGCATCGACTT  
GTTGAGGATCTCGATAGCGACACGTACACCATCGCGCCG

>CONTIG\_604\_length\_432\_cov\_18.386885

GGCGTCAACCGCCTGACTAACGCTGGGCGAATTGCAGTCGCTGGTACACGTT  
GGTTTGACGGGATTTCGGCAGTGCCTGTTGACGGCCATGTGGTTGTTCC  
AGAGCGGGTAGCGGTTGGCTACGGCGGTGGTATGACGACGCTGATGTCGACGCC  
AGTCCCCGGTCTCGATCTAACCTGCGGTAGATCCCGCCCGCACCAGTGTGTCGTTGC  
AGCAGAAATTCTCCATGAGTTGTTGCATAAACATGCGTCGGCTGAGTCCGGCGCG  
TGTGCATCGCGGTCAATCGCTTCATCTGCTTAGGGGCCACGTTCGCGACAACATTG  
CGCCGAGCGGCTTGCAGGCATAGCTTGGCT

>CONTIG\_605\_length\_432\_cov\_1.006557

GGGCGGACCGGGGTCGACGACAACCTCGATCGCACCGAGGCGAACACCCGCCTGCC  
CCGTACTTCCC GCCATCCAAAGTCACCGTTGTGCGCTCGTCAGCATCGCCTCACCG  
GAECTCCAAAGCAGCCACTCCGAGAGCGGGACAGCGGCCGGATGAGGGCGCCACT  
AGTAATGCGCGAGGTACGTGCCACCGCCAGCCACGGTTGCCGAGCAGCCCTGGAG  
GGCAGTTGCGAGGAAGGTCAACCCCCGTGCCACAGGCCAGTAGATACGACGCGGAA  
CCCTCCCTCGACTGCGAGCAATCCACCCGGCGAGCGAGGGAAACGACGGTGGC  
GACGGCATCGTCATCGGTGATGTCGGTAGGGGGAACGTCGTTGATGAGCCGGCCA  
GCCGATCAGCTCGCGGCCACATCACAGCCTCTGGG

>CONTIG\_606\_length\_431\_cov\_3.368421

GCCAGAACGGCATGGTGTTCAGCGTCCCCCGGCTGGCGTCATGGAGCAGGGCGAG  
CTGGAGTTGTGGAGAGCGGCCACGCCCTGGCTCACCTGGACTTGCTGGCG  
TATCCGCCGGACCTCTCCAGTCTCAAGTCAACGCCGACAGCCAGACCTCGAGGTG  
GATCTCGTCGATTCAAAGGTGAGCTACACGAAGATCGATGACGACGTAAACACCTA  
CTTGGCCGGCTCGCCAAGGATCGCACCCAGCGGACTTGGTGGCTGGCTGACCA  
GAAGATCCCGCATCCAGGGTCAAGCAGCCGTGCTCGGAGTGGCTGCCGAG  
CCATCAGTGCTCTGTCGAGGATCGCGGGTCTCGCTATCCCAGTTGCTCAATGGCC  
AGTCGTCCCTCGGGCGGAAGCTGGTGAACAACTC

>CONTIG\_607\_length\_431\_cov\_0.516447

ACATCAGCTCGCTCGGTGTCACCGCGGTGGAACTGCTCCCCGTGCACGCCCTCG  
ACGATCAATATCTGCTGGAAAAAGGTCTGCGCAATTACTGGGGCTACAACACGCTG  
GGCTTCTCGCGCCGCAGGCGCGTTACATGTCCACGCCGACCGTGGCCAGTTCAAG  
CAGATGGTGGCGCGCCTGCATCACGCCGGCTGGAAGTGCTGGACGTGGCTA  
CAACCACACC CGCAAGGCAGCGAGCTGGCCGACGCTGTCGTTCAAGGGCATCG  
ACAACGCCAGTTACTATGCCCTGCCAAGACAAGCGCTACTACATCCACGCCACCT  
GCACCTTCACACTCTGAATCTGAGCAATTGCGGGTATCCAGATGGTCAACGACT  
CGCTCGCTATTGGGCCGGCGAGATGCATGTGGAC

>CONTIG\_608\_length\_430\_cov\_146.425743

GCTTCGCCCTGTCGGTCCCACGAGGCGCACACCGCGCTGGTGGAGAAGAACCGATG  
AAGCGCACCCAAAGACATCAAGGCTCAATACCAACTCCAGATGGACGAGGAGGGCAT  
CTTGCTCGCAGCAGCCACCATCATGGAAAAACGCCCTCAACGCCAACGCCGCATCC  
ACAACCCCGAGCAAGCTGGCGACTACCTCATTGCCGCTCGCTCACCTGCCGCACG  
AAAGTCTTCGGGGTCTCGTCTCCTGGACATCAAGCACCATACTGGCAACCGAACATC  
TCTTCTTCGGCACCATCGACGGCTCGATATTCCATTCCAGTAGTCGCCAACGCCG  
CCCTGGAATTGAACCGCAGCTGCCGTATCCTTCCACAATCACCCAGCGAACATC  
CGGAGCCAAGCGAAGCCGACCGCAAGGTCACCGA

>CONTIG\_609\_length\_429\_cov\_1.102649

GACGAGGGCCGCTCGCTGCCCTGGACGGCCAGAGTGCAGGCAACCTGGTGGTGC  
CGGGCACTGGGTCATGCCACTACTTCAGAACGATGGCTGCCGCTGGTCAGCGT  
CGACGGTGAGCCGGCTGGTCCCACCGCGACGTGGCCACCATCGACGCCGACG  
GCTTCATGCAGATCACCGACCGCAGCAAGGACGTGATCAAGTCCGGCGCGAGTGG  
ATCAGCTCGATCGACCTCGAAAACATCGCGATGGCCACCCGGCGGTGCACGAGGC  
TGCCGTATCGCGCGGCCACCCAAGTGGACGAGCGGCCGCTGCTCGTCGTC  
CAAGAAGCCGGACGCCTCACTCACCCCGAGGAGCTGCTGGCCTCTACGAGGGCC  
GCATGCCAAATGGCAGATCCGGACGACGTGGTC

>CONTIG\_610\_length\_429\_cov\_0.807947

TCATCCCCAGCGTCAAAAGTTAGGCTTCACTATACTAACCAACGAAATGCTTAGC  
TATTGCTTTTGACCTATTGGTGCAAGTTAACCTTCTAAGTCATTGCTCCATGGT  
GACGCTGGTGGATAGAAGTTGGGGCACTGAGAAGTGCAGGTACTGTATACTG  
TACGTACGTATACGTACTGTACCTCAACTACCGATTGTAATCAGGTACGTCA  
GCACCAAAATACACTGTACGTACAGAAACTTACTTGAGCCAGCATGGTGC  
GGTTCTTGTATTCGGAACATTGGAGTTCCGTAAGGCCTGCCATCTCCATGCC  
ATGGAGTATTAAAGCACCGCGCCGTCGGCTCGTAAGCAAACGGACATCTGGC  
TCCAACGAACAAACGACACTACCTATAAT

>CONTIG\_611\_length\_427\_cov\_27.100000

TGCTTACTTGCAGCCGGTCTGAGCCGTCCACCTGGTCGTTCATCGGGCGCAGTCG  
AAGCGCTGGTGCAGCGCCGTGGTCCTTACTGCGCAAGCGACACCGACGTGGCTT  
GCTTGCAAGAAGAGCTGACGCCGATCAGTGAGTCCGTGGCGCTCGTTGCCAATGC  
TATCCAAGATGCTGATCGATCTGAAGCAGTGAAGCAAGCAGCCAGCCACTGCGG  
GTGTTTGGAGTTCAAGAAACTCTGGCGGCAGTCAACTCGTTGCCACGCG  
GGTGCACACGCGCTTCATGGTGCACGGGCTCCCGCTGAACCTGTTGAAGTT  
GTGGTCAAACAAAGCAACCGTGGCTGATGGCTCACATGCAACTCGCAATCAC  
CGCAGGTAGCCAAGAGGGCGTGCCTGGG

>CONTIG\_612\_length\_418\_cov\_42.082474

AGGGTCAGTTGCCGGTGTCCATCCACTTTCTAGACCGCCATGAAGGTGTTTCG  
CCAGCCAACCGGATGGCCTGGCGTTTGCTTCGGTCGGTGCAGGGTTGATGCC  
TTGGCGACGGACGGGCACGGGCCTGGTCACGAAATTGCGCGCCTCGCGCAGAGAGAG  
TTCGGGATAGCTGCCAAGCGAAATCCGGGCACGTTGTCCAACCCAGGTAGCGGA  
AGTGCCAGGCTTGCCGCAACAGGGAAACGTAGAGGAACAAACCATCGAAGTCT  
GCGAGGGTATAGGGCTTGTGGAAGCCTGGCTGCCGACGACCATATCTGTGAGC  
ATGCGTACCAACTCCTGATGCTGCGAGTTGGATGCGATGTTGTTCTCAGGTGGC  
GCTCTCCAGCAACAATGCGGA

>CONTIG\_613\_length\_398\_cov\_415.225092

CACAGCAAGGTCCACTCCTGGCAACGGTCAAGACGAGTTGGACCAAGAGCACGATCGAAAAGCCGATGCCAATGTGGTACCAGGCCATGTCCTGACGCTGAGCACCTGATCCATGGTCAGTCGAGATACTGCGGCATCAGCGACAACCTCCAAGAACAGGCCAAGATGCCAACAAACCCAGAACGCGGGACCAGGGACCGAACAGCGAGCCTGCCAGATCGCGAACGATACCGATGGCACACTCTGATCTCTGAAGGCCGGCCTGATGCGCTTCCAAGGCAATGCCCTAAAGAGTTCATCGAACTCATCGAGCTTGATCTTGCACATGCCGCCCGCACAGCCGTCAACAC

>CONTIG\_614\_length\_390\_cov\_22.847909

TCGGCCCCGTGCCAGCGCCGTGCAAACAGCCTGAACCCGGACTCGTTGCAAGCCTCGGACGGCAAGCAGTATCAGCGCGATACGCAAGGTCACTGGCGCCATGACGGCGTTGCTGCCGAAGGCAACGTCGGCTGGAACCTCAACGCAACGCGAACGCTTGCAACCGGCATTGGAGCAGCACGCGAACGCGTGGCACAGATGCCGGCAAGGCAAACGCCAACGCCACAGCAACAATACCAGGCCAACACCGAGGGCACCTATGCCGCTATGGCGTTGCGCCAATGCCAGACTGCAGGCGCGATCCAGCTTGCCTGCAAAAAAACCGTGAGGCAAACGGGATTGATGCCGCGACCAGCTTTGGCGTGGAGCGTGATGCGA

>CONTIG\_615\_length\_381\_cov\_19.055118

TGCGCGCTTTCATCGATCAGATAGGACATCGGATCGGGAAAGTGTTCGCCGCTGGGTAGCTGGCTGGGGCGCGTTGTGCGTCGATCTGAAATACCAGCCGTCGCCAAGGCGCGAACAGGTTGTCATCTGGCCGACACTGCAATCAGTCGTGCTTGGTCGCGAGTCCAGGTCTGGACCGCGTAGCGCAGCGTCGTGATCAACGACCGCGTTGCGTTCAGCACACGCCGGGCGACCAGGTACGCCACGGCAGAACATGCCAATGTCGGTGGTTCTGCTGTATTCCGAAGTCGCTGCATGGGTTGCCCTCACTGGATGCGCCGGTCAGTGATCCGCAAGGGCGAACACTGACCGGTAG

>CONTIG\_616\_length\_367\_cov\_32.320833

CGAGCGCGTGGACCTCGGGCAGGATGGCGAGAACGGCTCCAGCAGCCGCACCGTCCACCACGAATTGTCCACCCAAATCGTTGATGGTCTGCCGGTCACGATTGCCCGCGTCTGGCTGCCATCTGGGTCACTGAAGAACCCAGGCACGGCGCGCTCTCGCGCGCCTGGCGGCCAGCCACCCGAGCGTAGAGTAGTAGGTTGTCTCAAAGTGCACGCCTGTCTCGCGATGCTGCCGCTCTCATCGATCAGATAGGACATCGGATCGGGAAAGTGTTCGCCGCTGGGTAGCTGGTCTGGGGCGCTGTGCGTCGATCTGGAAATACCAGCCGTCGCCAAGGGCGAACAG

>CONTIG\_617\_length\_362\_cov\_15.855319

CCTGTTAACCTGCCAGCGTGAGCACCTCAATGCTCGTGCCTTCCAGTGGAAAACGCCAGATGCTCCGTTCTGGCTCAATGAGCGCTGGTTCATGACTTAGGCAT

ACCCATCCACGACACGCCAAGCTCGAGCCGCATTCAGCGTCGGCTTGAGCGCTT  
TGCGTGAACCTCCATCGAACAGCTCACTGCCTGCCGGCAGCTCGGCGGACAGACACT  
GGGCGCGGATCGCTATGGTGGGAGCGGTGGGCAATCCACGGAGGGAGTGGCCGCT  
GTGGCTCCGATGGCATGCTCATGCCAAAGGAACCAGGCCCCACGCCACTGGTCTCTA  
AGGCCATGATTGGTCACACT

>CONTIG\_618\_length\_357\_cov\_24.834783

GCGCCAAGCGCTCTTGATCTGCCGCACCCGCTCTGCCTGACAATCGTGTCTGCC  
CAACCGCTGTGCGTCCCGTCCAATCCAGAACGCTGTGCATTGGCCGATCCGAAGTG  
CTGTCGATGGCTGTGGGACGGTGGCACITCGTGCACGATGCCGCCACTTTGGTCA  
TGTGCTCAGCGACAATCTTGAAAGCGCCAAGGCCGAGCTTGACCGGCCCTACCTC  
TGACTTCTGCTGTGAACCTCGTTGCGCATACCGCCACTTGGCTTGCCAAAGTG  
CTTGCCAGGCCGGCGCGTGAGTCGCGGGCGCTCAAACCTCCATTACGCGCGGC  
TTCGTGTGCTTGTG

>CONTIG\_619\_length\_357\_cov\_18.286957

ACTCGTCGCGATGACTTCAAGTGCTGCACGGAAAAATCCGCTTCGAAACTTCCGC  
CTTGCTGATATTGGTCATCCAAACCGCTTCGTTCAAGTCTCACTGCAAGCAACTTG  
CACCGCAAGCTGCCACTCATCAGCCTGACAGCCTGTGGCGATGGCACTTGCCTGA  
AAATCCTAACGTATTCGTGGAGGAAGCACAGCGGGAAATCCGTCGAAGTCTTGGC  
AACCCAGCGCACCGCCTTTGGCTACCTGCGGTGATTGCGAGTTGCATGTGAGCCAT  
CACGACCAACGCGTTGCTTGACCAACTCAACGAGTTCAAGCGGGAAAGGCC  
CGTTCGCAACCGATG

>CONTIG\_620\_length\_355\_cov\_9.289474

CTTCTGCCACCTGCCCTCTCACTTCTGCTGTGAACTTCGTTGCGCATCACC  
CACTTGGCTTGCCCAAGTGCTGCCAGGCCGGCGTGAGTCGCGGGCGCGTTC  
AAACTCTCCATTGCGCGCAGCTCGTGTGCTGTGCTCGGAGACTGCGATGATCTAC  
CCGGGCCGGGCACCCGCATTTCAAGTGCCTGCGATTGATGACCAAGTGCATGTCTT  
GCGGATTGCGCAGCGCTCGTGTGCCGCCCTGTCGCGCATCAAACTCAGCGCA  
GGCGCGCTCCCTAGTCCTCCGGTCCACTGTCGCGCTGACATCAGCAAATGCAC  
ATGATGATTGCG

>CONTIG\_621\_length\_354\_cov\_19.008811

TTTCATGTGCTAGCGACAAGCTTGAAAGGCCAGTGCTGCTTCGCCACCTG  
CCCCTCTCACTTCTGCTGTGAACTTCGTTGCGCATCACC  
CAAGTGCTGCCGCCGGCGCGTGAGTCGCGGGCGCTCAAACCTCCATTACG  
CGCGCTCGTGTGCTTGCTCGGAGACTGCGATGATCACCGAGCCGGGGCACC  
CGCATTTCAGTGCGCATTGATGACCAATTGCAATGTCTTGCGGATTGCGCAGC

GCTCGTGTGCCGCCGCTTGTGCGCATCAAACACTAGCGCAAGCGCGCTCCCCCAGT  
CCTCCTGGC

>CONTIG\_622\_length\_347\_cov\_36.309091

GCGTAGAGACCCGGCGAGGCCTGGCGCACGCCAAGCGCTTTGATCTGC  
CGCACCCGCTCTGCGCTGACAATCGTGTCTGCCAACCGCTGTGCGTCCGTCCAAT  
CCAGAACGCTGTGCGTGGCCCGATCCGAAGTGCTGTCGATGACTATGAGACGGT  
GGCACCTCGTGCAGTAGACCACCGCTTTTATGTGCTCAGCGACAAGCTTGAA  
AGCGCCAAGGCCGCAGCTGACCGCCCCTACCTCTGACTTCTGCTGTGAACCTCGTT  
TTGCGCATCACGCCACTTGGCTTGCCAAAGTGCTGCCAGGCCGGCGTGAGT  
TCGCGG

>CONTIG\_623\_length\_346\_cov\_10.095890

TCTCTGCACTGCAACGCTGCGCAGCATCGAGTATGCATTGACGAATCAGCGAGCGGT  
CGGCGCGGGTCATTGCGCCTCCTGTCCTCTCCCCGGTAATCATCAAGCGTG  
CAGTGATTCGAGTTGCCCCAGCACGTGGCGTTGCTCATCGGCCTCATTGGCGTCGG  
CCTGATCAGACAGCTTCTCGAGGGCGTCGGCATCCAGCGTCTGCACATCGCTGG  
GCGTATCGATCAGTCGATGGGCATCAGCAAATGGCGCAAGACTACGCCAGAGCCA  
GGCGCAAGCTTGACCCGGTTAACCGTCAGTCCAAGCCGCTCGCAAAGTCACCGAA  
TAGCCC

>CONTIG\_624\_length\_328\_cov\_389.925373

TTTGGACTGGACGCCGACAAGCGACAACATCACATCGAACGCGCAGTCCTGGAT  
TTCGGCGGCTCCGCGCAGTCCCAGCTGGAAGCGTGGCACCGATGGACATCGTCAC  
TTCTTCGGCGATGAAATCGTGATGTTGCCACTCGCTCCCTCGCTGCCTATTCT  
TCAAGAAGTATTCCGCTTGACAAGGCACTGCCAACATCGATCAGCTGCTCATCC  
AGATCGAGCATCACATGGAAGCTGCGTTCTCAGTCAATGTGCAGAACGCTGTGCCT  
TGCCTGAGTCAAGCCCAGAGCGTTGCATTAAAGCACTCAT

>CONTIG\_625\_length\_328\_cov\_20.024876

AGGGTCAGTGGCCGGTGTCCATCCACTTTCTAGACCGCCATGAAGGTGTTTCG  
CCAGCCAACCGGATGGCCTGGCGTTTGCTTCGGTGGCGCGGGTTGATGCC  
TTGGCGACGAGGGTACGGGCTGGTCACGAAATTGCGCGCCTCGCGAGCGAGAG  
TTCGGGATAGCTGCAAGCGAAATCCGGGCACGTTGTCACCCAGGTGAGCGGA  
AGTGCCAGGCTTGCCGCCAACAGGGGAGACGTAGAGGAACAAACCGTCGAAGTCT  
GCGAGGGTGTAGGGCTTGTGCGGAAGCCTGGCTGCCGGACGACCA

>CONTIG\_626\_length\_313\_cov\_39.198925

GAGGCGGTGTCGATTCCATCAGATGCTGCGCCGAAAGGAGCGCCCGAGTGGTGC  
TTGATGCGCAGTATTTGGAACGCGAACGAAGCGGCCGAGACGCGAAGAACGC  
ACGCGTTGCCGAGAGGTCGAAGTATCGCTCCGCATCAACTCGATCCACACCAACG  
GAGAGCGCTCGCTTGGCGCTTGGCCAATTGCTCGTCAATCGGTTCAAGGTCGCCGT  
ATTGGTCGCTGTGCACACACCAAGCAAATATGGTGATCAGCGCAATCATCATGTGCA  
TATGCTGATGTCAGCACGACAAGTCGGCCC

>CONTIG\_627\_length\_311\_cov\_2.211957

GGCGGCATGGTCATGGCATGTATCTCCGATCTCAAACACTGGCGCAGTGGTTGGA  
TAAGACGTAATGGCATTCTCGACCAGCATCCCGTCTGGCTTCCGCCGCC  
GGACTGGGACTGCTGATCGGCAGCTCCTGAACGTGGTATCCTGCGCTGCCAAG  
CGCATGGAGTGGCAGTGGCGCGATCGCGAGATCCTGGAACGCCGGACAT  
CTACGAGCCGCCGCCGGGATCGTGGTAGAGGCCCTCGCATGACCCGGTCACCG  
GCGACAAGCTCAAGTGGTGGGAGAACAT

>CONTIG\_628\_length\_308\_cov\_31.077348

ATCGCACTGAGCAAGCGCCTCCTGCGCGAGCTGCTCAACTGTCATGTAGTGGC  
GACTTGGACAGTCGATTGATCTGATGGTATTTCATCTTGCTCTCCGCGCTTGAC  
GACTTGCCAAGCTCGGAACGCAATCTATGCATCGCAGGCCGCTCGTACAGGACG  
AAATGCCATGATCGCTGAACATCCATTCATCCGCGATAACGCCAGCGCCGG  
ATGCACCAGGCAGCCAATACGTGGGTGGGCCCGCGCTAACACGGCTTCGTGTC  
TTCGTCTAACTCTGGCGATCCAG

>CONTIG\_629\_length\_297\_cov\_9.376471

TGCCGTACCTTTCCACAATACCCAAGCGGAATCCGGAGCCAAGCGAAGCCG  
ACCGCAAGGTACCGAGCGCCTGCAGCAGGCTCTGGCCTCTGACATCCGGGTG  
CTGGACCACCTGGTGGTCGGCGGGCGTCAGCACACCAGCCTGCAGCAAGAGGGTG  
GGCGTAGCCCTCCCTCTTCGTCGGTTGGTAGCAGAACGCCACCCAGTGCCTG  
ATCTTGAAAAGATATGGCGCTACGCTTGAGTCCGGTCTCAAGCTTCCGCTGCT  
TACGCCATTACGGC

>CONTIG\_630\_length\_288\_cov\_467.149068

TGAGGTAGGTGTATTGGACACATACTTCTCAGCAAGCAGCGGCTCAATGGTCTTCA  
ACAATTCTTGTCTTGGCGTATTCTTCCAAGATTGAGATCTTGCAGCGACTTC  
CTGCATCGCGCCAGTCGTTCTCGACTTGACCGTCAGTCCCGCTCGCGCTGGCC  
GGAAAAGTCATCGCTCTGCAATTGCTCCTGGTCAGCTCTGATCGGGTGAGCGC  
ACGCTTGATCGTCTCATCGGACAAAGAGCGACCCGCTCGTCGGTGATTCGGCTGA  
CA

>CONTIG\_631\_length\_273\_cov\_28.027397

GCGCACAGCCTCCAAGAAGAGCGCCAAGATGCCACACCCCAGAACGCGGGCACC  
AGGGACCGAAGCGAGCCTGCCAGATCGCAAGCGATAACGATGGCACGCTCTGAT  
CTTCTGAAGGCCGGCCGGATGCGCTCCAACGCAATGCCGCTAAAGAGTCATC  
GAACTCATCGAGCTGATCTTCTTGACGCCTGTTGCGGGATCGCTGATGTGCACATG  
CCCGCCCCGCACAGCCGTCAACACGACAAAGTGCCGTGGTGCAGGT

>CONTIG\_632\_length\_269\_cov\_2.169014

TCGCAGAGCACCGGGCTGGATGCCTCATAGAGGAAGACTCCTGTCAAAGCCC  
ATCGCCTCAACTCTGCGGCAGCATCAAGGCGGGCGCTGCTCGGTCTCGGAGTAG  
GACACGCTGTTGCTTGCCACTGGTGTGCGACTTGTCTTGCACCGTGGTGT  
AGCCGAGCATGTCCGAGTAGTCGTTGGCGTCTGCTGCTCGCGGGGCATAGACGA  
TTGCAACGCATGGTTGGTGTGATCGTGCACGAGACATC

>CONTIG\_633\_length\_261\_cov\_6.425373

CCAGGCCGAAATATCAAATCCCAGGCATCCTGCCCTTAAACAACGAGACCCCGGA  
CACGGGGCCTAGTCTACATCTGGAGCGGGAAACGAGTCATGCTTAGAGCGCTAAG  
TCGTTGATTCCAATTACTTCTCGCCTCGGTGCTTAGCGAAGGCCTGAATTCTAGC  
CTTGTGTTTCGCCCTATGCAACAAAATTGCTCCAAGGACTCCATCAAGGTTCAAGG  
ACTGCCATCCCGCGTCGCAACGGACGCAGAGC

>CONTIG\_634\_length\_255\_cov\_406.210938

CGCTCGCTCGTGATTGAAATCGCTGATGCCAATGGGCTCACACCGCGTCCGCTTC  
GCTTGGAACTTACGAACTGCCAAGCTGTCGCTGCCCTGTATGGTCCACCTGCACC  
ACGGGCACTTGTTGTGTTGACGGCTGTGCGGGCGGGCATGTGCACATCAGCGATC  
CCGCAACAGGCCTCAAGAAGATCAAGCTGATGAGTCGATGAACCTTTAGCGGC  
ATTGCCCTGGAAGCGCATCCAGGCCCGG

>CONTIG\_635\_length\_255\_cov\_20.593750

CTGATCCAACCCGGAAACCGAACAGAACGCCCTACGTCGAATCCTCAATGGCCG  
ACTACCGCGACGAATGCCCAACGAGCACTGGTCCCACGTTACTGCACCGCGCGCA  
CCGAAATCGAACGCTAGCGACCGAATACAACGAGGACCGACCCAAGAACGGCGAT  
CGCGGGCATGACCCGGCTGCTTATGCCCAACATCTGGCAAACACCGATATCATTAC  
CCCCGGACTCTAACCAAGCCACTACTCAGG

>CONTIG\_636\_length\_255\_cov\_10.375000

AGATCGACTTGACCATTCCCGCATGCCCTCGTTGCTGCAGCGAACAGTCGTTCTC  
GCCAAAGTCGCGCGCGCATGACCTGTTGACGATGCCCAACGAGACTCCCCA  
CCAACGTTGCATGCCCTTGGCAGCAGCGACGTTAAGTCCTAATCGTAGGTGTCCT

CGGGATCAGGAAGACCAGCTCGATCAAGAACTCAACGACCTCGGCATGGTTTTCT  
CGGCTGCCGCTGCCAAGCCATGCAGCG

>CONTIG\_637\_length\_254\_cov\_79.133858

CTGCGCATTCACCTCGATATTGATGCCGAGATCCCATTAGGCCAGCGCTATT  
CTTGACTTCATCGAGAACAGGAGCCTGAGTTGGTAGCTGGTCAGTTCGTCTCAG  
GATTCTTGGATGGCGGATTCAACTCCGATTGCAACGCTGTTGAGGACCTCCTCG  
GAGAAGACTCGAGGGCGTTTGAATCCGAGTATCTTGCACGGACGATTGTAGAGT  
TGCTGTTCGATCCATCGCAGGTGCGC

>CONTIG\_638\_length\_254\_cov\_50.125984

GTATCGTCGGCCTGGTCCAGGCAGGCTGGATGACATGGCAACTCCACTGGCGGTG  
AAGTCGCTCAAGTCAGGTCGCTGGCCACTTCACAACCGTTGGTGTGCAATCGG  
AGTTGAAGCCGCGATTGAAAGATCTATACAAAGACATACTAGAGATTATTGCCAG  
GCAGATCGTGTGATTGCCGAATAAACAAATCTTATAACCGCGGAACTTCATTC  
ATTAAAGCAATAATGGCGGCACGCT

>CONTIG\_639\_length\_254\_cov\_16.574803

CGTTTCGGCCTTAAGTTGAATGGAAAGGAGACGAAATGGACCAATCAATTAGAAGA  
AATATTAGACAAGCAGTGAAGCAGGGAAAGCGAGACATATGTGCAGTCGCTTGCA  
GGCTCAGGGTGACATTGATGCTGCCACGCTACGCCGTTGAGGTAGCGATCAAGA  
GCGGCAAAGAAGGCTGGTGATCAACTGGTGCCACTGTTGTCGAAGTCGTTGCGG  
TCTATCCGCTTGATGTCGCCGCCAGGCG

>CONTIG\_640\_length\_253\_cov\_66.214286

GGAATATCTTGTCAAGCAAATTCACTTCTTATTCCCTCGATGATCACGTGCAGCTCTGTT  
GGGCTGGAAAAAAAACATCGCCGCTGCAGCTTCATTAAGTCGGAGGGTTTCATTAT  
TCTAGCTCTTCTGTCAAGCCTCCCGTAAAATTGATCCAGGCCATAACTAGAGGTCTCCG  
GCACACTAGCCACCAAGGAGACCACATGCGCAAGAGCAAGTTCACCGAGAGCCAG  
ATCGTCGCCACGCTGAAGCAGGTC

>CONTIG\_641\_length\_252\_cov\_44.984000

CTGGCCGACTACAACCAACAGATACCGCACGACAGCCTGGCGGGCTAACACCCGC  
CGAGTTCCGTGAGCAACATCAACCGCAGACCTCTAGTTAGCTGGCATTGAATTGC  
GGGGAGTCGACACTTCGATGAAACATTGATACTGATTTCCTGCCGCTCTATG  
AATATTCTCTCATCACCATCTTGGACTGACAGTATTCTCAAGGTCTTCATAAACG  
GCAATAATGCCAAAATGATCCG

>CONTIG\_642\_length\_252\_cov\_9.112000

TACATCGAGATGTTCTACAACCCCAACCGTCGCCACGGTTCAACTGGCGACCTGTCC  
CCTGTAGAGTTGAACGGCGTACGCGAACGAGGGTCTTGAGTGTCTACGGAACCC  
TGGCGTATCACTGACCGAACAGCAAATGCCTTCTCGCAAATGATGTATATGCGC  
GACCCGGAAAACCGGGCCCACAGTACGCCAGTAAAGATCGCGCGTCTCGTTC  
AGGCGTCTGGAATATATGGATCGCC

>CONTIG\_643\_length\_250\_cov\_47.934959

CGGCGACTGCGCGTAGGGCGTGAATCAACTGCGTCAGGTTCTCGGGATTGGCCAAG  
TGCACAATGATTGGTCGGATGGTCACGCGCTCATGCTGGTCCACATCCGACACGAGG  
CCATGGCCCTTAGCTGTCGAGCAAGGTCAAGAGGCCTTGCCTCTGTGCGTCG  
CTGCCAAGTCGCCAGATATGCTGGAGGTGGGGACCAGGTCTCGAGCGCCAT  
GCGCGCGCCTGCGGCACCAATGCC

>CONTIG\_644\_length\_250\_cov\_12.292683

GCCTGTAACCCGGGAATTCCAAGGAAAGTGACAGAAATGGCGGAAGATCCGAAG  
ATCCAAACGCGACTCTCCGGACCGACGCGACATCCGCACTCTCAGGCCTCGTTATT  
CAGACCTTCCCTAAGTAGTTCCGAGTTGTAATTATACTGCAGCACATCCTGCTGAT  
GCCTGCCTGATAGAGGCCGTTGTAGACCGTGAGGAAGTTATCCGAACTGGAAGCCA  
ACTCTTCCGTACAAGTGAAAGT

>CONTIG\_645\_length\_249\_cov\_35.483607

GATCTCCGGCGAGTCTGCTTGCCTGCCAGGCCCTCAGCGTCACCGAACGTCAG  
TTGCATGGATCACTCCTAACATGGGGTAGTGTGCTTATCTGCGGTGCGTTGTT  
AGAGGTTCCCTAGATTGCTGACACGTGCGCGACGCAACTTAGTGACATCTG  
TTGGGGAGTCGCACTGCTGGTGCAACGTTGGGGCAGGGAGCCTAGCGTTGCC  
GCTTGCCAGAGGTAGCGCGG

>CONTIG\_646\_length\_245\_cov\_17.635593

GCGCCAAGCGCTTTGATCTGCCGACCCGCTCTGCGCCTGACAATGTGTCTGCC  
CAACCGCTGTGCGTCCGCTAACATCCAGAACGCTGTGCATTGGCCGATCCGAAGTG  
CTGTCGCATGGCTATGAGACGGTGGCACCTCGTGCACGAGACCACCGCTTTTTCA  
TGTGCTCAGCGACAAGCTTGAAAGCGCCAGTGCTGCTCTGCCAACCTGCCCTC  
TCACTTCTGCTGTGAAC

>CONTIG\_647\_length\_244\_cov\_31.803419

TTGAACCGATTGACGAGCAATTGGCCAAGCGCAAAGCGAGCGCTCTCCGTTGGTGT  
GGATCGAGTTGATGCGGAAGCGACACCTCGACTTCTCGCAAACGCGTGCCTTCTG  
CGAGTCTCGGCCGCTTCGCTCGTCCAAAAATACTGCGCATCAAAGCACCACCTG

GGCGCTCCTTCGGCGCAAGCATCTGATGGAAATCGACACCGCCTCGTGGGAATA  
ATTGTGCCAAGCCCTG

>CONTIG\_648\_length\_240\_cov\_22.256637

AGCCAAAAGCTATGCCTGAAAAGCCGCTGGCGACAAGTTGTCGCGAACGTGGCC  
CCTAACGAGATGAAAGCGATTGACCGCGATGCACAGCGCCGGACTCAGCCGACG  
CATGTTATGCAACACCTCATGGAAGAATTCTGCTTCAACCCACCACCCCTGTGGC  
CGGCGGGATCTATCGCAAGCTAGATCGCGAACGTCTCCGCTTCCACCTGTCCGTTCC  
ACTGCACAACGCTG

>CONTIG\_649\_length\_237\_cov\_17.454545

GCTTGAAGTGAGGGCGCAAGCGGTGCCGTAGTGCTTGGCCAGGCGTCGGTGTGATGC  
CCTGGCATAGCCACGAAATCCAGGATCCAGAGTTGATCACCTCGTTCCAGTCACTA  
ATCGGCAAGAACGGCGGATCTTGCAGAACCAAATGACTGGCGGTTTCAGGCGTCAG  
ATAAGCCCATAAGGCGTAGCCGGTCCAGACCCCGTCTCGTCTCAATCGTGACGAG  
CTGGCCTAGGC

>CONTIG\_650\_length\_232\_cov\_18.714286

TCGATGATGGCAACGATGGGACTGTCCGTGGGGAGTTCTGCGTTGAGGATCTCG  
CTGGCGACTGCCTCGCGAATGGCGTCGTAAAGATAGAGACAGCCATGGGAGTGTGA  
CCAATCATGGGCCTTAGAGAGACCAAGTGGCGTGGGGCCGGTTCTGGCGATGAGCAT  
GCCATCGGAGCCACAGCGGCCACTCCCTCCGTGGATTGCCAACCGCTCCACCATA  
GCGAT

>CONTIG\_651\_length\_231\_cov\_9.028846

GTCCTCCGGTCCGACTTGTGCGCTGACATCAGCAAATGCACATGATGATTGCGCT  
GATCACCATAATTGCTTGGTGTGACAGCGACCAATACGGCGACGTTGAACCGAT  
TGACGAGCAATTGGCCAAGCGCAAAGCGAGCGCTCTCCGTTGGTGTGGATCGAGT  
TGATGCGGAAGCGACACCTCGACTTCTCGCAAACCGCGTGCCTTGCAGTCTCG  
GCCG

>CONTIG\_652\_length\_226\_cov\_50.777778

AGCCAAGTCATCGGGCGCACGTTCTTGACGACCAAGCTGGCCGCTGGTCGCCTTGAG  
CAGCTGAAGAACACCAACTATCCGCACACGCACCCAGGTGCAGTTCTAGACGCAC  
GGAAGCGCGTGCCTGGCGACCCCTGGTTGAGTTGCAGCTGGCCAGCGCACTCCGCTG  
GGGTGCGCCTGAAGGCCGGTTGACGACGAGTTGCACGACATGGAGCGCGATG  
G

>CONTIG\_653\_length\_226\_cov\_26.474747

TCGCCATTGTGAAACTCCTGTTGTGGAGCACACAAAGAACGGCAGAACATCTGC  
CCGTCGAGAGAAAAGCGAACTCGACAGCACAGAGACCTCGTCACGAGGTTTGAA  
GTGGCTGTGTTGCCAGCGAACGATAGGCAACGAGGTGGCGAAAGCCACCGCACCG  
ACGCGCAGCGTGGCGACGGTTCTGCAAAGCAGAAACCATAAGTGCCTCTGCT

>CONTIG\_654\_length\_220\_cov\_13.408602

AGGAAGGTCTGAATAACGAGGCCCTGAGAGTGCAGGATGTCGCGTCGGTCCGGAGA  
GTCGCGTTGGATCTCGGATCTCCGCCATTCTGGCACTTCCTGGAAATTCCCC  
GGGTTACAGGCGCACGCTCCCCATAGTCGGCAGTAACTGCTTCGCTTCATCCACAG  
ATTGGAGAGCGCAAACAAGGTCAAGCATGTGCGGTGTTCTGGCCAGG

>CONTIG\_655\_length\_217\_cov\_30.600000

GGCTTGCAGCGGTTGCGCTAGAAGTCGAGAACGGCGTCAACGCGCTTGACT  
AACGCTGGGTCGAATTGCAGTCGCTTGGTACACGTTGGTTGACGGGGATTTTC  
GGCAGTGCCATGCTGACGGGCCATGTAGTTGTTCTAGAGCGGGTAGCGATTGGC  
TACAGCGGTGGTGATAACGACGCTGATCGTACGCCAGCTTTG

>CONTIG\_656\_length\_216\_cov\_25.011236

CGCTGTCGAAACATCTCCATGTTGATGAGCACATTGACCAAGAGCGTCTCGTGC  
AGGCTGCGAAATTGGCATGTATCCACGACGATATTGCGCATGCCAATGGGCTCA  
ACACCAGAGTCGGCGACTTGGAAATACGCTGTCAGGCGGTAAAAACACGGATC  
TTCTGGCCAGAGCCTTACAGGCGACCAAGTTGTTGATGG

>CONTIG\_657\_length\_214\_cov\_39.264368

CACAGCAAGGTCCACTCCTGGCAACGGTCAAGACGAGTTGGACCAAGAGCACGAT  
CGAAAAGCCATGCCAATGTGGTACCAAGGCCATCGCCTTGACGCTGAGCACCT  
GATCCATGGTCAGTCTTAGATATTGCGCGCAATCAGCGCACAGCCTCCAAGAAGA  
GCGCCAAGATGCCACACCCCCAGAACGCGGGCACAGGGACCGAA

>CONTIG\_658\_length\_211\_cov\_6.761905

TCCCACTCTCCGCCAATCAAGGCGCTTGTGCTTGACCAAGCGTTAACGATT  
CTCGAGATCCCAGAAGATCCGAGAAGGACGCAAGCCGGACATCTCGACGTCTGG  
CAAGACAGACGCAGGCCACTGTTGCCAATTGCTGTCACTTCGCGCCAATCTAG  
GCGGGTGGTTCGGCTATAACGCGTCCGGCAGCAAGGTGG

>CONTIG\_659\_length\_207\_cov\_34.800000

CCAGCAGGTTGCCAACGAGGGCCGCAATCTGGCCTCGCTGCCGCGCAATGTGTTCG  
GCGAGTACCAAGCAGGTTACAACCTATAAGCAGAGCATCAACCAGCTGCGCGGG

AGCATGGCGAAGCTGCAAAACACGCGCAGACATGTTGCCAGCGCTATCCCCAAGT  
GACCAATGACGCGACCTTCAGCAGCTTCCGCGATGGT

>CONTIG\_660\_length\_205\_cov\_15.820513

TGCCGAACTTGCGCAGCCAGGCGTACAGGCTGTGCGTGTGACACCCAGCCGCCG  
GCGACTTCTGCCACCTTGAACCCACGATCAGTCAGTCAGTGCCGGACCGCCTCGATTTG  
AACTCATCCGTATATCGCTTGCTGCTCATAGACACCTCCGAATCGACTATTTCCATG  
GCCTTGAGATGTCTAGGAAACCCTGGCGTATCA

>CONTIG\_661\_length\_197\_cov\_11.442857

TATTATTATACGTAAAAAGAGCCATGGTGATCCAACTTGGCGAAAACAAATCAA  
AAGAAAATTAAAGAGCAAGAGCGCACTTATGGTTCTGCTTGAGAAACCGTGCG  
CCAACGCTGCGCGTCGGTGCCTGGCTTCGCCACCTCGTGCCTATGCTCGCTGG  
GCAACACAGCCACTTCAAAACCTCGTG

>CONTIG\_662\_length\_196\_cov\_6.000000

CGCTTTGTTGCGGCCCTCGCTGTGCGCCGCTTGCACGGTGCTCGCTCTCGGGTGC  
GTAGGGCCGGACGCTTCGCCTGCGTTCCCACGAGGCGCACACGCGCTGGTGG  
GAAGAACCGATGAAGCGCACCCAAAGACATCAAGGCTCAATAACCAACTCCAGATGGA  
CGAGGAGGGCATCTGCTCGCAGCAGC

>CONTIG\_663\_length\_183\_cov\_14.089286

GATCCCAGTGTGCGATGGCTATGAGACGGTGGACTCGTGCACGACGCC  
CGCTTTTTCATGTGCTCAGCACAAGCTTGAAAGCGCCAGTGCTGCTCTGCC  
ACCTGCCCTCTCACTCTGCTGTGAACCTCGTTGCGCATACCGCCACTTGCT  
TTGCCCAAGT

>CONTIG\_664\_length\_180\_cov\_10.981132

CCAGACATCCGTTGAAGCTCTGCACGAAGGTATTATCAGTTGGCGTCCAAATCGTG  
AGAAGTCCAACCTCCATCCCGTTGGCACACCCAAACCCCTAATGAAAAAAAGAGGCC  
CGCATGCGGGCTTTTCACTAGGGTTGGGTGTGCCAACGGATGGAGTTG  
GACTTCTCAC

>CONTIG\_665\_length\_174\_cov\_11.574468

TTGGCTTCGATCTTCGTCGCCAGATCAATTGCGCACGTGATCTAGGTTCACTCGGC  
GAACCAGAACATCCGCCACTTCATCATGGTCATTGGAGTGCAGCAAACAAGCCG  
GCCTCTGGATAGGCGGTCTGTGGCGAACCTCAAGATCGACTTGACCATTCTGCA  
TCG

>CONTIG\_666\_length\_173\_cov\_2.239130

TTCATCGGTTCTTCTCACCAGCGCGTTGTGCACCGTGGGAACCGACAGGCGAAG  
CGTCCGGCCCTACCGCACCCGAGAGCGAGCACCGCGCAAGCGGCCACAGCGAAGG  
GCCGCAACAAAGCGCCAGCGACGAGAAGGAGGCCTGTCCTGCGGTGGGACAGCG  
AAGC

>CONTIG\_667\_length\_165\_cov\_52.921053

GGCTTGCGCCAGCGGTTGCGCGTAGAACGTCGAGAAGCGTCAACCGCGCTTGACT  
AACGCTGGGTCGAATTGCAGTCGCTGGTGACACGTTGGGTTGACGGGGATTTTC  
GGCAGTGCCGATGTTGACGGGCCATGTGGTTGTCCTAGAGCGGGTAGCG

>CONTIG\_668\_length\_160\_cov\_36.969697

GCGTGTAGAGACCCGGCGAGGCCTGGCGCACGCGCCAAGCGCTTTGATCTGC  
CGCACCCGCTCTGCGCCTGACAATCGTGTCTGCCAACCGCTGTGCGTCCGTCCAAT  
CCAGAACGCTGTGCATTGGCCCGATCCGAAGTGCTGTCGCATGGCT

>CONTIG\_669\_length\_159\_cov\_23.125000

CCTGGGCGCATGCCGTGGCGTAGTTGCGGCTGATCCAACCCGGCAAACCGAAC  
CAGAACGCCTACGTCGAATCCTCAATGGCCGACTACGCGACGAATGCCTAACGA  
GCACTGGTCCCCGACGTTACTGCACGCGCGACCGAAATCGAACGCT

>CONTIG\_670\_length\_158\_cov\_52.322581

GGCCGCTTCGTTCGCGTCCAAAAAAACTGCGCATCAAAGCACCACTCGGGCGCTCC  
TTTCGGCGCAAGCATCTGATGGAAATCGACACCCGCTCGGTGGGATAATTGTGGCC  
AAGCCCTGTGCTCATATCGAGCAGATCAAACCGTGCACGGTAAG

>CONTIG\_671\_length\_158\_cov\_27.032258

TTCGGCAGCAACGCCGTATGGCGCCACTGACCTGCGTATCGCGCTGATACTGCTT  
GCCGTCCGAGGCTTGCAACGAGTCCGGGTTCAAGGCTGTTGCACGGCCGCTGGCAC  
GGGGCCGAAGTCCCCCAACCATTGCGCTGATACGAGCTTGAT

>CONTIG\_672\_length\_156\_cov\_3.758621

GGCGCCGGCACAGGTCTTGATGCCACGCCGCTTCGGCTCGCGCAGAAAGCCG  
ATGACCTGCTCGTCAGTAAACGTTCTCACGTCCAATCTCCTGGGGTAGGGAAT  
TGGACTCCAACACTGGGGCGCTACTCAAATTGGGTGGACGTCG

>CONTIG\_673\_length\_155\_cov\_16.571429

ACGTCAATGCCGGTCTTGGAAAGCACCAGTCGCACCGTCAAGGCTGGATTGTCTT  
GTCTTCGATCATGGTCGCCCTCTCTCCCTGGCCTTGTCTGAGCGTCGTCTCCGGG  
AGCCTCCGCTGATTGCACTGAGCTGCATCGCAGCCGCGT

>CONTIG\_674\_length\_154\_cov\_48.888889

GCACCTCGTGCACGAGACCACCGCTTTTCTATGTGCTCAGCGACAAGCTTGAAA  
GCGCCAGTGCCTCTGCCAACCTGCCCTCTCACTTCTGCTGTGAACCTCGTTT  
GCGCATACCGCGACTTGGCTTGCCAAAGTGCTTGCC

>CONTIG\_675\_length\_153\_cov\_16.961538

CTTCTGCAAGCAAGCCACGTCGGTGTGCGCTTGCAGTAAAGGACCCACACGGCG  
CGCACCAAGCGCTCGAACCTGCGCCGATGAACGACCAAGGTGGACGGCTCAGAAC  
GGCTGCAAGTAAGCAGCGACTCGAACAGCGTGCTCAATCG

>CONTIG\_676\_length\_151\_cov\_42.708333

GATGTCGGGTCTGACCGCTGTAAGCGTGTAGAGACCCGGCGAGGCGCTGGCGCA  
CGCGCCAAGCGCTTTGATCTGCCGCACCCGCTCTGCCTGACAATCGTGTCTGC  
CCAACCGCTGTGCGTCCGTCCAATCCAGAAGCCTGTGC

>CONTIG\_677\_length\_151\_cov\_17.875000

GCGTGCAGCTAACGATGCGTGCAGCTAAAGCAGCTTGCATGCGTGCATGCATGTTGC  
TAAGGTATTGCACACTGCCCTCAAGCAAGCGACTTCCACCAGGAGCGCAGTGCAT  
GAAAACCATGCCATGCCGTCCAGAAGGGCGGCTCCG

>CONTIG\_678\_length\_150\_cov\_16.695652

CCGGGCCTGGATGCGCTTCCAAGGCAATGCCGCTAAAGAGTTCATCGAACTCATCG  
AGCTTGATCTTCTGACGCCCTGTCGGGATCGCTGATGTGCACATGCCGCCCGC  
ACAGCCGTCAACACGACAAAGTGCCGTGGTGCAGGT

>CONTIG\_679\_length\_149\_cov\_3.318182

GGGTTAGAGCGGATTATCCGTCCCCCTCTCCGCCAGTTTATGATCCTGCAAC  
GCGATTGCCTGGATCCAGGGCCACGCCAGTGGCCCACGTCTTATGGTGGCCCCGTCG  
GTCCCTCGCGACGCTAGATCGAAAATCCGCCAG

>CONTIG\_680\_length\_148\_cov\_4.095238

TCTTCGTAATACTGATCTTCTCGCAGAGCACCGGGCTGGGATGCCTTCATAGAGG  
AAGACTTCCTGTCAAAGCCCATGCCTCAACTCTGCCAGCATCAAGGCGCGG  
CGCTGCTCGGTCTCGGAGTAGGACACGCTGCTT

>CONTIG\_681\_length\_145\_cov\_35.611111

TTACCAACCACCAACGGAGCCAAAGCTATGCCCTGAAAAGCCGCTGGCGACAA  
GTTGTCGCGAACGTGGCCCCTAACGCAGATGAAAGCGATTGACCGCGATGCACAGCG  
CGCCGGACTCAGCCGACGCATTTATGCAACA

>CONTIG\_682\_length\_140\_cov\_23.615385

CGATCCCGATAACGAAAGTGGTGGCCAGAGCACAGCGCGCTTGGCGCGAACGAAGA  
GGCATGTCTCCCCCGCGCATCCAAGCGATCCAGCAGGGCGGATCAAGCGGGCTCGA  
AAAGCGATGGTGGAGACGGCTGAGGCCT

>CONTIG\_683\_length\_138\_cov\_9.818182

TGCGTCTGTCTTGCCAAGACGTGAAAGATGTCCCGCTTGCCTCTCGGATCTTC  
GGGATCTCGAGAAAATCTAACGCTGTGGTCAAGCAACAAACGCGCCTGATTGGCG  
GAGAGAGTGGGATCGGATCACCT

>CONTIG\_684\_length\_135\_cov\_84.500000

CGATCCCGATAACGAAAGTGGTGGCCAGAGCACAGCGCGCTTGGCGCGAACGAAGA  
GGCATGTCTCCCCCGCGCATCCAAGCGATCCAGCAGGGCGGATCAAGCGGGCTCGA  
AAAGCGATGGTGGAGGCAGGGCTGA

>CONTIG\_685\_length\_135\_cov\_14.250000

TCTGGATAAGCAGCTGATCGATGTTGGCGATTGCCTTGTCAAAGCGGAAATACTTCT  
TGAAGAAATAGGCAAGCGAGGGAAAGCGAGTGGCGAACATCACGCATCTCATCGCCG  
AAGAAGTGACGATGCCATCGG

>CONTIG\_686\_length\_134\_cov\_20.142857

TGCTCGCTGCTCGCTGCTCGCTGCTCGCTGCTCGCTGCTCGCTGCTCGCTGCTCGCTG  
CTCGCTGCTCGCTGCTCGCTGCTCGCTGCTCGCTGCTCGCTGCTCGCTGCTGCTGCTG  
CGCTGCTCGCTGCTCGCTG

>CONTIG\_687\_length\_133\_cov\_200.500000

AAGATCAGTGTCCCCCACGCACCGTGGCCCTCCAGCTGGACTGTATAAGGCCATA  
CGATGCGTATCAAAGAAATACAAGGCGGTGGACACGTGATCGCTTGCCTAGCCCAG  
GACAAGCCAGTGTGACGGTA

>CONTIG\_688\_length\_133\_cov\_5.666667

GCCTAGGAAACCTCTGAACAACGCACCGCAGATAAGCGACACTACCCCCATGTTGA  
GGAGTGATCCATGCAACTGACGTTCGGTGACGCTGAGGGCCTGGCAAGCGCAAGC  
AGACTCGCCGGGAGATCTTCC

>CONTIG\_689\_length\_133\_cov\_5.333333

AGACCGAGCAGCGCCGCCCTGATGCTGCCAAGAGTTGAAGGCGATGGGCTT  
GACAAGGAAGTCTTCCTCTATGAAGGCATCCCAAGCCCCGTGCTCTGCGAGAAGAT  
CAAGTATTACGAAGATGCCTA

>CONTIG\_690\_length\_129\_cov\_5.500000

ACTACATCGAGATGTTCTACAACCCCAACCGTCGCCACGGTTCAACTGGCGACCTGT  
CCCCTGTAGAGTTGAACGGCGCTACGCGCAACGAGGGTCTTGAGTGTCTACGGAAC  
CCTGGCGTATCACT

>CONTIG\_691\_length\_128\_cov\_5076.000000

GG  
GG  
GG

>CONTIG\_692\_length\_128\_cov\_9.000000

CTGATACGCCAGGGTTCTAGACATCTCAAGGCCATGGAAAATAGTCGATTCGA  
GGTGTCTATGAGCAGCAAGCGATATACGGATGAGTTCAAGATCGAGGCGGTCCGGC  
AAGTGACTGATCGT

>CONTIG\_693\_length\_128\_cov\_9.000000

CCGCTTCGGCTTCGCGCAGAAAGCCATGACCTGCTCGTCAGTAAACGTTCTTC  
ACGTCCAATCTCCTCGGGTAGGAAATTGGACTCCAAACTGAGGCGCTACTCAAAT  
TGGGTGGACGTGG

>CONTIG\_694\_length\_128\_cov\_5.000000

TCTGATACGCCAGGGTTCTAGACATCTCAAGGCCATGGAAAATAGTCGATTCGG  
AGGTGTCTATGAGCAGCAAGCGATATACGGATGAGTTCAAGATCGAGGCGGTCCGG  
CAAGTGACTGATCGT