**Additional file 9: Sequences for cDNAs of *PRSSLY* homologs**

GenBank accession numbers given for sequences we assembled from RNA-seq. If no accession number is given, cDNA sequences were assembled from genomic sequence. Accession numbers for source sequences (RNA-seq and genomic) are given in Additional file 3.

>Anole, Anolis carolinensis (BK059517)

gtGGCTTTCGACAACAGAGGCCCAACTTGGACAGGCTCCCAGAAGAGAGTGAAGAACCAGAGGCTCCATGGATAGTGAACATTTTTGGTAATGGGAATCGCTGCCAAGGAGTTGTCCTGAGCAGCTGGTGGGTCCTGACAGCAGCCAACTGCTTCCTGTCGATGATGCCAAGTCATGTAGAGTTGACTGGGGCAAGTGGGCGGACTGCCACTGAGACGGTGAGCCAGTTTGTCCCACACAAGGGCTTCAGTTCCTGGGATGAACAACCTAATAATGACTTGGGACTCGTTTTGCTTGGCCAACCACTTGATCTAGCAAGGGAAGATGTGTGGCCAGCTTGTATCCCCAGTGACGACACAGCTTCCAATACACGGGAAGAATGTAAGATATTTGAACGAAATGAGAAAGGATCCATACAGGAAACTAAAGTGAATGGTTTGGAGACATCGGAATGTGCTATTATTTGGCCTGACACAAAAAAAGAATTGAATTTGTGTGTTGCAAGAAATATGTCAAATGGCACATATTGCACGGTGCCTGTTGGCAGTCCTGTGGTCTGTCATAACCCAGGCAATGGGAAATGGGAAGCCATGGCCATCGTGACCCAGAGCTTGCTGAACTGCACAGCTCCTATCCTGGCCGCCCAGCTTCTAACTCATCTACAGTGGTTGAGGACAGAAGGAGCAGCAGAGGACACTGAGGAACCGTCTCCTGTACCAGAACAAACATTGACATCATCATATTTCACATCTGAACCAATTCTGCAAGCATTAATAGTTCAGCACATCACTGAGGAACCTTCAACGCCAGCAAAGCCTCTTTCCACAGCCAATAATGTAATTCTTATAGCACACTCCACAGCCCAGAAATTACCATATGAAACACCAATAAAAATGCAGTATGTTCCCCAAACTACAAATCCACTTACAGCTACTAGCCAGTCATATACAACAGCCAAAGAAACATCTGCAGTTCCCTCCACAACAAATCAGCAAACATTAGCAGCAGCACAACAATCATTTGTAACATCCACGGCAGCACAACAGTCATCTGTAACATCCACGGCAGCAGAACAGCCATCTACAACACAACAATCAACATCAATAGTCTCTTCTACACCCAAACAAGCAACTGTAAAAACCCCAACCTTCAAACCACCACATGTAATAATAATACCTGCTACCACACCAAGGACAACATCCCCCCTGCCAACAACTGATGTTAATCGAGGTGCACCTGTTAGCTTTGTTGTTGCGGGTTCCCGGTCCCCCAGGAAAAAGAGAGAAGAAAGCCAACCCACCGATCCTGCACTGGCGTTAAGTATCCCACCCGTAATTCTCCATTTGGGACTCCCGGTCCAGGTGAAGCTAAAGCAGTGTGAGATTGGACTGGCATGGAATAGCGACTCTCATACCTATCAACTCAGCAAGATGGCAATTCTGATAGATCGCAAAGTCGGGTGTGGGCTGCGGCCTGGATTTGTGCCACAGTGTCCGAGCTGCTCTGAGGCTGAAATGGGTGAATTTCCCTGGATTGTTTCTCTCAGACTATCCATCCAACACTTTTGTGCTGGCTCCATTCTCAACCGTTGGTGGATTTTAACCACAGCCAACTGTGCCAATCTTATAAAGAATTCGGAGGCTTTGGCGCTGGTAGGGGTTGGATTGATAGATGTCACTAAGCCAACGCACTCAGTTCAGATCCGCCAGGCTCTAACACATCCCAAGTCGTTGGAACAGGGAGATCTTCACAACCTGGGACTTTTGGAACTGGAGAAACCACTGGATTTTGGGCCTCTTGTTTCACCTATTTGTATCTCAGGAAAGGCAGACATGATGGGTGATTTCAGAGACTGTTGGCTGCCAGGCTGGACCGTGCTAGAGGGAGGCCCTACTGTACTATTGAAATATCACATAGACATCTTGAACATCAGCAGCTGCAACCAACTGGAAGACAAACTCTCCAGTGCCATCTTCTGTGTCAAAGTCCAGATGGGCGAAGAAGGGATTTGCAAGGGTGATGTGGGGTCTCCACTGATCTGCCCTGACCCCAAGGGTGGGGCATGGCTTCAGCTGGGGGTGTTAAGCAGCTTTGATGAAGCCTGTTCCCGTCCCTATGTCTTCAGCAGCCTGTCTCACTACTTGCCCTGGTTGGAGAAGATCACAAAGATTGAAGGGCATCGGTACAACCTTTCAGTTCCTTGGGAACGGCTTGGCCCAGCTAGGAACCTTAGGCTGCTGCGGGAACCAGAGACTTTGGTTGGATGGATCTCAGCACACTCATCTTTGCCCTGGCAAGCGCTCGTTGCCACCTGTGCGAATGTGACCTGCGGGGGCTCCATCCTGAGCCGCTACTGGGTGCTGACTACAGCACAGTGCATGAGAGAAGCGGATCCAGAAGGTACTGCTGTTTTTGTGGGGTTGATGCACCCCAAAGGCCACATCAAGGGGGTCAGTGTGGCTGGGATTTACATCTCTAATAACTCCAGTGTAGCTCTACTGCTTCTCCAGAGACCTATCACCTTTAACAAGTACATCACTCGTATGGCTTCCTCCCCGACAGCATCTTGGGATAGCTGTAAAGTGATGGGCCTGCAGATACTACAATCTGGTGAGATTCAGGCTAACCCCAGTGCATACCAAGTAAAAGTGCTACTACCTTCAGATTGTGCCAAGGAATATCCTGGGGTCGAACCAGCCATGTTTTGTATCGTAAATGATAACTCTAGCTACCTGCCTGCTGAAGCTGTAGGTGAAGGTGCAGCCCTGCTGTGTCGTTTGGAATCAAAAAGCACAAGTTGGAGGCAGGTTGGCTTTGTGAGTGCACCCCTTCCAGGATACCAGGCGGTTATTCTGTCCTCTTGCATTTCCTCCTATGCTGACTGGATAGAAGAAACATCAAAAAGAGCCAAGCACCTAGTACATCTGTCCCATGGAAGTGGACCCTGTAGGCCAAATGTTTGGCTCCTCCTCCTAATTCTGTCCTTATTGGAAGGAACAGAGTTGGGTTGAATGAAGGAACGAGATGGCAATTCCACACTTGGAACCTTCTTTGCGGAATGCTCTTCCAACACATTCCTTTGAGTGTGCCCTCAAAGAGATTGGATGAAGGGCTCGCTCAGCATCAATGGTGGTTTGAGTGCATCGATTTTTATTTCTGCATGTGGCCACATTCTCATCTGCGAAGGTACTACAGGGCTCCTTCACAGGAAACTGCCAAGCAAAAGGCAGCCCTGACTGCCCCCAGCACTAGTCCACTGGGATTCAGCCAAGATGAGCTTTTCTATGCAATGTCATCAATCCTAAGGATCGTGAGGTGGTCTATCATGAAGACTGGGGGCTGCTGTGGGTTTTTATATCAACAGTTGCTTCAATGAATGAACTAAATACAATTATGTCAAATGAGATGAAGACTGACAGAGGAGATAAAGCTCAACCCCGAGGAAGAAGAAATGAATGAATTAATGAATGAATAAATAAATAAACCATGGCTGAAGTTCTAGAGAATTTTCCATCCATTTGCTGAAGACTTTGGATATAGTTGTGTTCTGTGGCCAGGTTCTCCCATTACAACTCCCAAGCATCTGGGTTGTGTGTAGAACACGCATGTGCAGCTGGTTCCCAATATATAAACATGCAAGATAACTTCAAACTATGAACAAATACTTATTTTTTGGGAAAACTGAATTCTCTCAAAGAGGGCCCAAGGTTGGGATTTGAGATCCCATGGAATTAGCTATAAAGGGAAGGGAAGTTTGGGAATGAAAACAAGTTGGGGTGGTGGGGAGGATTGCTTCCATGATCTCTGGATCTGTTGGTAGTCTGTTGCAGGTCAGATTTGCTCAGTCAGTTGGGGACTCGTTCTTCCAAGCAGTTGAGACCATCTCTTTTTCTCATTCCTGAAAACACGGTTGAAAGTGTGGCTGGTGGTTAGAGAAAATAAGTCTTCCCATTTTACTCCACGTCGGTTTTAGAACAAAGGAAACGCAGGTGCAGAGACATGCTGCAGACGGAAGGGCAAAGGAATACCTGGCATTCCACAGTCAGGGCCTCCGGGGCTGGAAGTTACTGTCTGTGATTTACCTTCTTTCTGAACGGTGCCATGTAATTTTAGGTTCCTTCCTCTGTACCCCGCCAACTTCCAGCTTATAGTCTTGAGTTTCAAGGCTTTGTTTTGCACACACATTTGTCTCATTTTTTGATTGTGGCTTTGTTCAGGAAACCCAAACATATACCAGGTTTGGAGAGGAAGAGATGGGAAATGGTGCCCTCACACATCAGGGTTACTTTGTGTGGCAACAGAACCTAACCGTTGAGATTGTGAAAATCCTGGCCCCATCAGGGCAAGGGCCAAGTGATGCCTCTATGTGATTCAAGTGGCGTTGTAAATAAAAGGAAAAAATTGGTGCTTCCTGACATATAGTTTGTTGTGCAATCATACTACCTCATGATTTTATAGGAAATAAACC

>Antelope, Pantholops hodgsonii

NTCCCAACATGGACTCTGGCTGAAAGACCAGCTGTAAATTCCTGGAGAGAGACTGTGTCCTTTACAGTCCTACCATGGATTCAGGATGAAAGTCCAGGTGTAATTACCTGGGGTGAGACTGTCCCATTCAGAGCCCCACCAAGAGCAGAGATTAAAAGTCAAGATGTAAACACCTGGAGAGAGACTGCTCCTTTCACATTCCCAACATGGACTCTGGCTAAAAGACCAGCTGGAAAATCCTGGAGAGTGAATGTGCCTTTCACAGCCCCACCATGGACACTGGCTGAAGGTTCATCTGTAAATACCTGGAGAGAAACTTTGCCTTTCACAGGCCCACCCTGGACTCATGATGAAGGTACAGCTATAAATAGTTGGAGAGGGACTGTGCCATTCATAGCTGCACTATGGGCTGTAGATAAAGGTTCAGCTGTAAATACCTGGAGAGAGATGATGACTTTCACAGCCCCACCATGGCCCCAGGCTGAAGTTCCAGCTGTAAGTACATGGAGAGTGACTATGCCTTTTACAGTCCCTCCATGGACTCAGGGTGAAAGTCCAGGTGTAATTACCTGGGGAGAGACTTTTCCTTTCAGAACCCGATCAAGGACACAGATAGAAAGTCCAGATATAAACACCTGGAGAGAGACTTTGCCTTTCACAGCCTCACAATGGACACAGGATGAAGCTCCAGCTGTAAATTCCTGGAGAGAGATTATGCCTTTTTCAGTCCCACCATGGACACAGGATGGAAGTCCAGGTGTAATTACCTGGGGAGAGACTCTTCCTTTCAGAACCCCATCAAGGACACAGATTGAAAGTCCAGATATAAACACCTGGAGAGAGAATCTGCCTTTCACAGTCCCATCATGGACACAGACTGAACCTCCAGCTGTAAATTCCTGGAGAGAGATTATGCCTTTTTCAGTTCCACCATGGACACAGGATGGAAGTCCAGGTGTAATTACCTGGGGAGAGACTGTCCCTTTCAGAATCCCACCAAGGACACTGATTGAAAGTCCAGATGTAAATACCTGGAGAAAGACTGTGCCTTTCACAGCACTACCATGGACACAGGCTGAAGGTCCAGATGTAAATACCCAGAGAGATACTGTGCCTTTTACAGGTCTACATTGGACTCAGGCTGAAAGTACAGCTGTGCATACTAGGAGAGATACTGTGCCTTTCACAGCTCCACCATGGACTCAAGATAAAGGCTCAGATGTAAATAACCGGAGTGAGATGCTGAGTTTCACAGGACCGTCATGGGCACAGGCTAAAGGTCCAGCTTTAAATACCTGGAGGGAGACTGTACCTTCAACAGGCTCACCTTGGACTCAGGCTGAAAATCCAACTGTAAATACCTGGAGAGAGAATATGCCTTTAACAGCCCCACCCTGGTCACAGGTTGAACATCCAGCTGTAAATACATGGAGAGAGACCGTGCCTTTCACAGAGTCACCATGGACTCAGGCTGAACATCTTGCTGTAACCACTTGGAGAGAAACTGTGTCTTTCTCAGCTCTACCATGGACTCAGGCTGAAAGTCCAGCTGTAAACACCTGGAGAGAGGCTATGCCTTTCACAGCCCCATCATGGATTCAAGATAAAAGTCCAACTGTAAATAGCTGGAGACAGATTTTTACTTTCCCAGCCCAACCATGGCCACAGACTGAAAGTACAGTGGAAAACGACTGGATATGGAATACCCCTTTTACAGCTCCACCGTGGTCACACACTGAAAGTCCAGCTGTAAATACATGGACAGAGCATATGCTTTTTATAGCCCCTCCATGGACTCAGGCTGAAAATCCAGTTACAAATAGCTGGAAAGTAAATATGCATTACAGAGACCCACTATGGCCTCAGTCTGACTTTGCACCAGCAAACCCTTGGACATCAACTGAAAGTTTCAGAATCACATCATGGACTCATACAGTAAAGCAAGTTTTAAATATTTGGACAGAGACAATAGCTTCCACTGCCACACTGTGGACTCAGGCTGAATATTCAACACCAAAATATTGGACAGAGACTAAGGCCATTTATATATTCACACCATTGACCGAGTGTCAGTTTCCAATAAATACTTTGACAGAATCTGTAGGAGCCATAAACACACTTTGGACATCTGCTGAATCTCTATCATTAAGTTCTTTCACACAGAATATTGTCGATACAATCAAATTTTGGCTAATGCTTAAAAGCGAGTCTAAGAAAAGGTGGAATCTGCCTCAAACATTCATGTTTTCAGTAAATCCTCAAATTGATACTTTTGGATCCTTGAACCAAACTGAAAATCAAGAATCTCCTCTGTGCACCCATCCTGAAATTGATAATGTCAATACAATGGCCTTTCTTGAATTTGGAACACTCATATTACAGGTAGTACCTTTGCCCCAAGCAGCTAGACTCTGGCCCCAAACTGAAGCTGATATTAGCAAAATTTGGTTTGTATCCTCTGAAAGAATAAATTCCTGGGACCAATCAGAGTCTCAAAGAATGAGTACCTCAATCCATTTTGGAGTGGATAGAGTGAAGCCCCTGGCCCAACATGAAACTGCTATAGTCATGTCATGGCTTCAGATTGAAACTGGTATATTCCACCCTTGGAACAAGTCTGAAGGAGGCACAGGGAGGTTCTGGCCCCTTTCTGAAACTGAGGATGTAAGAGAATGGATCCAAACTGGAGCCAGTATAGTTAACTCTTGGACTCGACTGAGAACTAATATAGTCAGAGCTTGGCCCCAAGCTGAATCTGAACTAGTCAGACCCTGGACACAAGCTAAAACTAATGCAATCACACTATTGACCCAAACTGATGTTATCAAACCTTGGTTCCAAACTAAAATTAATGCACTAAGAGAAGGGACCCAAACTCAATCTCAAATTTTTACTACTTGGATCCAAACACAGTTGCAAATATTTCACCCCTGGATTCAGACTAAAAGTGATTCAGTCAGATTTTGGACCCAGCCTTGGATCCAAGCTGAAACCCACACAGTCAGACTCTATTATGAAATTGATATAAGAAAATCATGGGCCTCATCTGAATCTCAGTCAGTCTCATTTTGGTCACTGAGTCAAAATTCAGTTAGGACCTCATTTCACTTTGAATCTCAGATGACATGTTCCTGGGTCCGAAATGAATTTGATATAATCAGTCCTTGGAATCAATATGAAACTAGTTCTGTTGTATCCTGGATCCAGTCTGAAACTAGTGCATGTCAACCCTCGCTCCACATTGAATCTACTACAATCACACCATGGACCCAGTATGAAACATTAGAGACCTCCCCTTCAACCCAGCCTGAGACTGATACAGCAATAAGGCATTTGTTCCAGCCCCAGATTGATCCAATTAGTACTTGGAATCAGCCTGAGGTAGATACAATCAGATTCTGGACCCAAGTTGAAACAGAAACAATTCCAATTTGGACCCAGATTGGAAGTCAAGTAGTTAAACATCCCAACTTTTCTGAAGTTGGTATAGTTACACCTTGGCTAAAGACTGAAACTGATGCAAGTAGACCCTGGATTCAGTCTGACTTTCAGTCAATCCATTCTTGGACCCAGACTGGATTTGGTATAATTGACCCCTGGTCTAAGCCAAGAGCTTCTGTAAATCAACCCTGGACCTTTGTTCAAACACAGTCAATCATACCTTGGATTAAAGTGGAATCCAATACAATCAAATCTTGGTTTCATGTTCCAGTGAAAAAAGTCAGACTGGGGATTCCTTCTGTGTCTCAAATATTGAGTTTCTGGATGAATTCTGATGTTAGTAGAGTCAATGCTTGGATCCAAACAGAAACCCAGGCAGTCAATCCTGGGGCTCATCCTAAAACTGCTAATGTTGCATCCCTGACTATTCCTAACCCTGAAAGAGTCAGAATGTGGATCCAGCCTGAAATAGAAATAAGGCCTGGCATCATTTATAAAACTAATATAACCACATCATTTGCTTCTGAAATTGAACGAGATAGAACAAGTAGTCATTTTGATTCCTGGTCTAACCATGTAACATTTTTACCAATAGAAACAGTTCCTTCCCTAGATGAGCATTTCGCAGCTTTGTCAACTGAAATAGCTGCAGTAGAAAGCCAAGCTGCTTCTGATAGTTCTCTTCAGAAACTATCTTCCTCAAAAGTTATTGAAGACACCATTCTTTCCCATACTTTTTTATCCTTTCATGCTGCTCCAGCCACTCTTTTAACAAAGCAACCATCTCTGGTGCCTGGATTTCAATTGGGAACCAAGTCTAATCAGCCTGAACAAGATCTTCCTAAGTATTCTGAACTCAATATTTCCCTTGCTGAGTGTCGCTTGGGTGTGGTCTGGAAAGAGAGTCTCCAGGCTTTCTCGCTCTTCAAGACAGCTGTTATTTCTCATGAAATCACAGGCAAAAAAAACTCAGAAGCACTGGCCCATGTCCAGGTGGGGCTTATCGATCTTCAAGACCCTGCTCAAGCTCAAACTGTAGGTATTCATCGTGCCATGCCCTACCTGGGCCCTAGAGGACCTCTGGGACCTGGTCTAATCTTCTTGAAGCAACCATTACATTTCCAACCCCTGGTTCTTCCTATCTGCCTTGAGGAGAATCTAGAGCAAGAGAAAAATATACAACTGTATGACTGCTGGCTACCCAGTTGGTCCCTCATGAGAGGAAGTCCTGGAATTTTGCAAAAAAGGCACCTGAGCATCCTGCAAGCCATCACATGTGCCCAGTTTTGGCCCAAATTGAATGAATTTACTTTCTGCGTGGCAGCCAAGAAAGCTATGGGGGAGGCTGGCTGTAAGGTGATGGATGAGTTGAAGGCACAAAAGGAAGGGAGAAAGAGAGTCTCTACCTCTATGAATGCCTCAGCTTTTACTTCCACACCTGCTTCTGTCCGGCCACATTTCATCTCTCTGCCACAGCCTCAGACTTTGGCAGATCGAATTTCTCTGAGGTATGCCATGCCTTGGCAGGCCATGATCATCAGTTGTGGCAGTCAAATTTGCAGTGGTTCCATTGTTAGCAGCTCTTGGGTACTCACTGCGGCCCACTGTGTCAGAAATATGAATCCTGAAGACACAGCTGTAATATTGGGCCTGAGGCCCCCTGGAGCACCTCTGAGAGTTGTTAAGATCTCTACCATTCTTCTGCATGAAAGATTTCGATATGTGAGTAGAGCAGCAAGAAACGATCTAGCATTGCTGCTCCTTCAAGAGGTCCAGACTCCCATTCAGATTTTAGCACCGCTAGGTCATCTGAAGAACCTGAACAGCTCAGAATGCTGGCTGTCTGGGCCACGAATTCTTAAGCCAGGAGAGACAGATGAAAATCCAGAAATATTACAGATGCGGGTGATAGGAGCTTCAAGCTGTGCCCACCTTTACCCTGATATAGGCAGTTCTATTGTGTGCTTCATTACACAAGACAAAGATGCTGACACAAATGTGGAACCAGTGAGTCCAGGCAGCGCTGTCATGTGCAGACCAATGTCTAGGAATGGAAGCTGGAGACAGATAGGCCTCACTAGTCTGAAGGCACTGGCTACCATTGTAAGCCCCCACTTCTCATGGATATTATCCACTTCATCAAAGGCAGGACATCCATTAAGCCATGCACTCATGCCTTGGATGGAAAAGCCTAAGTCCTCCAGTCTCGTAAAACAGCCAACCACCCTGCCATTTTATTCAACAATAATTGTTATACTACAAAGGCTTTCATAACTCATTGCAAAAATAAGGCATGGCTAATCTATGCAAACTATTTATAATAAAAATGTTAAACAACGTTAAAAAAAATTAAGACCCTCTGCAACCTGGGA

>Bank Vole, Myodes glareolus (BK059524)

CACACATTGCTAAATACCTTAATAAATGTTAATTCTCTCAACCTCTTTACTTATCTTCAAGTTGATTTACCTAGTTCTTGGATGGAGTCCATTGGAAATATTGAACACAGGAAAAAAACTGAACTATTTTTACTTAGGCCTTGGGTACATTCTCAAAGTCATAACATCATACATCAGACAAAACCTGAAGATAATAATGTAGCTTTGTTTCAGGCACAAACAAGAAGGATCTGGAGCCATTATGAATCTCCAGTAAACCATTACTTGTCTAAGATGAAAGATGAAAAAATGTTACCTATGCATCAATCACAAATGGATACATTCAAAACTTGGATTCAGAGAAAGTTACAGATAACACCGTCTTGGATGAAGCATGAAGATGATAAAGCTATATTTTTTACTCAAATTCAAGAAACTAATGATAAACAATCATTTCANNNNNNNNNNNNNNNCTTAAAACAGACACAGCCATTAACTCAATTATCTCAGAAATGGATATTATCTGCACCTGAACTACATAGTCTCTGGAAACCAGCTATGACTGATAAATTAAGAAACTCTGTATATCATGAATTTGATACAGTTAAGTCACTGAATGAGTTAAATGTTGGTATAATTAAACCAAGAGTATACAAGGAAGCCAGACCATTAAAACAGTGGATGCAGGCTGAGTATGTAAAAGTAAATCCACACAAATCATCTAAAGCTGACATAGTCATGGTTTGGAGTCAAGCTAAAACTCCAGTAGTAACTGACTGGTTGAATTTATTAGAAGATACAGCCACAACATCAATAAATTCTCAATTTCAAAAACTAAAGGACTTGACACAATCTAAAAATAATAGAGCCACAAGGTGGATCCAAACTGAAGCACCAATACCAAGTCCCTGGATGTTGCCTGGGGTGTATACTCTTACTTCATGGACTACAGGTGAATCATCAAACATAATCCCCTTGGCAGAACATTTAATTTATACTGTGCAATTGTGGACACAAAATAAACCAACAAAAAACTCCAGAAGTATAACTGACACACTCACTTATTGGTCCCAAACAAAAATATCAGCAACAAGTCTCAGAAGGAAACCTCTAAGAAGTAAAACCAAGCCAAGGCCAACGACCCAGCCTAATGGAAGAAATAGCTTGGGACTTTCTGAATCTTATTTAACTTCATTGTGGACTAAAGATCATTTTCCAACATTAAATTATTCAGTAGAGTTTCAGAGTAAAATAGGTACAGTTTGGGTCCCAGATGCATATTCTACACCAAATCTATGGAAACAAATTGAAGTAGATAGGACACAATTGACTTATACTGAATTGCCACTGGAAACTTTGTGGACACATCAAGTACCTGATACAGCAATTTTTAATTTTACTAATTCTCCATCAATTAATTTGATGAATCCTGACTATGATGTAATAACAACATGGTCCAAGGCTAAAACACAATCAATAAATCCTTGGAATCCATCAGGTACAGTCACACCCTGGACTGTGTATGGAGCTTTAGTAAACAATGTGTGGTCACAAACTAAATCTGATATGAACAGTCCACAGTTTCAGAATGCGTTTACTGAAAGAAGTCTATGGACTCGGGCTAAAGTTATCTCAGAACTAGCAATTCAAACTGAGTCTCCAACAACACATCCATGGACACAGCATGGATCTGATAGAGTCACTTTATGGAATCAACCTATATATCAAACATGGAGTCAAGGGACAGGAAGTATGCCTCCCACAGAAACAATGTGGCTGAATAGTAATTCTCCATTTGTAAATTTATGGCTTCAACAAATATCTGATAGACTTATACTGTCATGGCCCCATGTTCAATCCCCATCATTAAACCTGCAGTCACAGTCTGTAACTTATACAGCCGTATCACAGTTGATTCAAGCTGAATATGCACCATTAAGTTTGTGGAGAAAACCTGAAACTGATGTAATCATAGCACCATGGCCTCAACCTGAATTATCAAATCAGGAAACTCAGACTTTGTCTGGTACAAAATTACAGCCATGGTCTGAGCCTGAATTGATACCAAAGTATCAATGGACAATAACAGTAACTCATAGACTCATACCACAATGGTCCCAGGATTTGTCTTCTACAATAAATATGAGGTCACCACTAATATTTGATACACTCCTAATATCTACAACACCATGGCCACTGAAGCAAACACTGGAAACAAACCTAAGAACACTGCCTGTATATGAGAAAAAGACAACAGCTGGTTTCCAGAGTGAATATTCAATATCAAATACATTAATATTGTCTATGACCAATAAAGTCATATTACATTGGTCCCATTCTAAGGTTCTACCAGCTTATCTATGGAGATGGCCTATATCTGATACAATGATGCAATCCTGGACCCAAGATGAATATTCTGTAAAAAATCAATGGTCAGAGTTTTTGTTTAATGCAATTACATCATCATTGTCTTTGGATAATTACCCAGCAACAATGCTGTCTAGACAACTTATATCTGATGCATTTGTCCTGTCAAGAATACAGGTTGTATCTCCCAAAGTAAATCTATTTGGACTCCGGTTACCTGATTCAATCATACTTTCTTGGTCCCAATCTATCTACTCATCAGTAAATAGTGTCGGATACTCTGGACCTGATAAAATTGTACCATTGTGGCCAAAGGTTAAATATTCACAAACAAATAAGAAGACATCATCTGTATCTGATATAATTATGCCACATTTGTTTCATGAAGTAACTTGGGAAGGAAACAGATGGCCATGGAATTACCATGATAGAGTGACACCAACTTGGACACAGATAGGATCCCCAAAATTAAGTCTGTGGTCACTGATAGATCCTAATAGAGAGTCTTCAAATGTATCTCCTTCAAGAAATATATTATCTAGTCATTCAGCCATTATAATTGCAAAATCATGGCCCCATACCAGGTCTCCAATATTTAGTATATGGTTACTTGGGGTATCTGTTACTATTTCACTATTACATCAGACTGAGTCTACAGCTGGAAATATTTGGTCATTTCCATTATCTGATACAATCACAACAATGTTGACTCATTCTGGATCTCTGCCAGTGCACCTATGGACAGTGCTTCCATCTAATAATATTCCTTCCACATGGCCTCATCCTGAACCAGCAAAACTATGGACATTACCTATATTTAATAGAAACAAACCAGCTTTGTTCCAGACTGAATCTAAAAAACTAAATACACAAGCACTGTTTGTGTCCAATACATACATACAGTCATGGGACCTATCTAAATACCAAACACTCATTCCTGGGACAAGGATAATTGCTCATGTATTATCACGATGGACCACGTCTGGAATTCTAATTGTAAATTCTTGGACCGAGCCAGCATCTTACACAACTCAGAACTATGTTCTAACCCCAGAAGTCAAACACTGGACTCACCTAATATCTGATCCTGTTTTATTAAGGAACCAAGCCACATCACCTACAACAAAGTTTTGGAAAAAATATGGAGCTGATGCATTCACTGAGTGGGACATTTCACAATTCACAAATATAAAACATCCAACACAGTCTTTTCCTAATATACTCAAGCATGTAGAAATTTCAACAACAGATCCCTTGACAAAGGTTGAAACAGATATCTCACAGATGTTCCAACCTAATTCTAGTAACAGAAGTATCTGGTCACAAATTTTAGAAAATACAGTAACATCATTGCTTCAGAGTGTTTCTCTAATATCTATTCCTTGGACAAAATTTCAATCTAATACAATCAGAATGAAGAATCAGTCAGAGTCTTCAGTATTAACTTATTGGACACAGTCTATTTCTGATCAAGTTTTACCATGGTCTCAAACCCTGTCAGAAGCAGAAAACCCAACACTTGTTATGAGAGGTACAGAAACACCATGGAAATTTCCCAAAGTTGTGTTACTAAAATACTGGAATCAATCTACAACAAATATTATCTCTCAATGGATAACAGACAAGTCTTCTGAAATTCATGTATTCCCAACAGTTGTATTTGATAAAGTCATTCTTTTTGATCATGCAGTAAATCCATTATTAAGTCAATGGACAGAGACTGAAGCTGATGCAGTCAGAGAAGCCAAGTATTTTAACAAATATGTCCTGACAAATTCTCACCATAAAATAGTCACAAAATGGGGCCCAAGTGAATTTTCAGATAAAATGATCTGGACAGCCCCTGAAACTGGCACAGCTGTGGGATGGCAACAGGGCAAATCTACATCTTTTAGTCCAAGAACGGAATATATAGCTAAAGTAGTAAAAGTGAGAATGCAAACTGAATCCTCAGCCATAAATCATTTTGCAAAATTAGTAGTCAGTACACTGACAACACAGACTCAAGGAGAACTCACAACAAAAAATATTGATATGCAACATGTATTTGATAAAATCACATTTATAGCAGAACCTAAATATCCATTACCACACAGTTGGATCCAGAAAGAAAATGTACCATTCAATACAAAAGAAACGTCAGAAAATCATTGGGTGCAACCTGCAACTGAAACTGTCAGATTGTGCATATACACAGTGTATTCAACACTTAATTACTTGCTACAGACACAAAAATTAGTTACAGGATGGTTTCAAGCTGATCCCCAGAAAAGAAAAAATCACTGGGATAAGGCTAAATTATCAAATATCATACATTTTACGCAAAATGAATATCTATCTACATATCCATGTATAAATGATAAAATATACAAATTCATGCCTGGGACTCAAATTCAATACATACCAGAATATCACTGGTCAGAAGCTACAGATTCAAAAGTAGTGTCTTGGAGTGAGACTGACTCATTCCTAACAAATATATGGAAAGAGGCCATGTTTTCAAAAGTCATATACTGGAACCAATTTCACTCTCTATCAGTTAATCCATCAACAAGAAAAAGGGCTTCAGTACTCATTCAGAGGGAATTTCCAACAGAAGATACCTGGATAGACAGTTCTACTCCAAATGACATTCATTGGATTCAGGAAGAATCTTCATTAGAACAGTCCGAGACAGTGTCTCTAACTTCAATTGCTATTAATTGGAGACATTTTGAGCTTATACCAGTAGTTCCCTGGACAAAATCTATAGATCTTAGATATCCACTAACAAACAAATTGATGTTGTCTTCATATAATCATATCATTTGGACCCATCCCAAATCCTTACATGTAAATATACCAATGAGTCCTCTTTCTAAAACACTGACACCATTGGCATTGGATGAAAATGATTTAAAAAATCACTGGACAGAGTCTGAGTTTGAAAATCTCATAACATTGACCAAGGTTTTATCTGTATCAGAAAAGCTATTGACAGAAGATCTTTTTTATACACTTTCACCCTGGACAAAATTTTTATTTTCATCAGAAATTACTTCCATGCACTCTAATTTTGATGCAATCACACCAAGGGCCTTGGCAAAAATTTCAGCAGTAATTTCAACATGCATATTGTCTGATAATCATATATGTATATCTTGGAACCATAATGAGTTTCTAAAATCTAAACTAAAAATGTCTACTAGTTCAATAGTAAAACAGAACTTCCAAAGTGAATCTCCTTTAGATCTTTTGGAACCAAAAGTAAGTTCTAGATTTACAGCATGGAGACTAGATGAATTGTTACTACAAACTGATGTTACAATTATACTATCCACAACTGTTGCACAGACCCAAACGGAGTCTCTGGGAAGTGAAATATGGCCAGAAATTGTAACAAACAATAAGACATCATTGAACTCAACTGAATTTACACCCATATATTTTTATATGCACAACAATATTGATAAAAGCACAATTTTAACAGTGGTTGAAATTGAGGGGAAAAATGTTTTAACTGTGTCTACTATCAATATTTTTAGAATTTCAATGCAAGCACAACCTTATGCTACCAAACAATCAAGTCAAACTGCACAGACATTGGTTCCATTGGTCTCTACAGAAACTGTAGACAGAAATACATGGTCTTTTTCTGAATTAGGATCTCTCTTATCTTGGAGTGTGCCTGTTCCTTCAGCAGATATTCTCTTGTATCATACTGAATATCACATCCGTGGAAGTTGGTTTAAAACTAGTGTTGAAAGAAAAAGACCTTGGGTACAGCCATATTATCAAACAATCAGTATCTATACTTCATTAATGATTAGCACAGTAGAATCCTGTGTCCAACATAAAATGGGCAGAAAATCATGGATGAATTCTGCAACTGGACTGTTTAATGACAGAACCCAGTGTGAAACAGAAAATGTAAGACTTGGGAATGTTCTTAAAAATAATACAGTAAGGCCATGGTTCCATGAAGAAGCTACCACAGACCATACCTGGTTCCATTCGATAACTAATACAGTAATAGTATTTACCCAGACTGAATATCAAGAAATTGGACTTTGGACTGTGTCTGTCTCTGATATTCTATCATCAAAAGCTGAAATAGAACCAGAGACATCCTTGTACATTTATGACAATAATGCTGTCTCATATTGGTTCCCAATTCCAAATAGTTTAAGTCAAAGAATTAAAATCGAGCCTGGAACTGTTACCCCCTGGATTCAGAAAGAATGGCAAATAGTTCACCGATGGAATAGACTTGAAACAAAAGTGGTGAAAAGTGGGTACAATTTTGAAGCAAGTACATCTCAAATAATTTTGACCTATTCTAAATCTGGTGAAATTATACCTTGGACCCAACCTGAATCTCCACTGGTTAGGAGATGGCCTGAAGATGCTATAGTCACACTTTGGACACTGACTAAAAGTGATGAAAATATGCCATTGTCACAACTGTTACAGCATAATTTTGGTGGAATTAAACCTTGGATTCAGCATATAGCTCTTACTGAAACTCTGGAAACCATTCTCTGGACTCATTCTGATACAGTACTATCAAATGCATTGCAGACTGATGTAGATGACATACTTTGGTCATTGACTCAAGGGGATGCAATCAGGCAGTTGTCACAAGTGGAATATGAAGCTAAACAATCTTTGACAGGGCCTGATATTGATGTAATCATCCCTTGGATTCAGCATAAAGATTCTTCTGAAACTGTAGAAGTTATTCCCTGGACTCATTCTGATCCAGTGATATCAGACTCAATGCAAACTCAAATAGATTTTTGGTCCCAGAACCAAATTGATTCTATCAGGCAGTGGTCACAAGTAGAATATAAAGCTAAACAGTCTTTGGCACAGCCTAATGTTGGTATTTTCAACCCTAGCATTCAATATAAAGCGTCACCCGAATCTCTAGAAATCATTCCCTGGACTCATTCTGATATAATATCACACATATTACAGACTCAAATAGATTCCATACTGTGGACACTGACTCAAACTGATTTTGATAAACTATGGTCACAAGTGGAATATGAAAATGTACAATCTTCAGTACATCAGAATGTTGGCTTAATTCACTCATGGATTCAGCATAAAGATTCTACTGAAACTGTAGATATCTTTTCCTGGACTTATTCTCATAGAGTAATATCATACTCATTACAGACTCAAATAGATTTACTTAGATTATGGAACAAGTCTCAACCGATGACAGCCCGAATTTGGAATCCAACTTCAGAACAAATAGTAAAACCAGATGCCCTGACCGCAGTTTTTACAATTTCACCATCATTTCAGGTTCAAGAAATGCTTTTAAGTGAAGAACCTACCCCGATATTGCCACCTCAATCTGATCTACAAGATAAGCATTCACTGGAACCATTATCAACAACAGAATCAAAACTCAACATTTCCTTGTCTGAATGTCACCTGAGTATGATATGGAATGATAATCTCCAAACACTGTGGCTCTTCAAGACAGCTGTTGTTTCTCATGACTCCACAGAATGTGGTATACGCCCTGGCCTTGTTCCCCACTGTCCCGACTGTTGGGAAGCTGAAATAGGTGAATTCCCATGGATGGTTTCTGTGCAGCTCTCTTACTCCCACTTCTGTGCTGGTTCTATTCTTAATGAAATGTGGGTCCTCACTTCTGCCCGATGTGCCAATTTTATAAAACGGTCAGAATCTCTGGCTTTAGTCCAAGTGGGTCTGATTGATCTTCAGGATCCTACACAAGGTGAAACTGTTGGTATCCAGCGTTCTGTGCCATACTTAGGTCCCTGGGGACCTTTAGGACCAGGCCTATTCTTCCTGAAGGAGCCAATACATTTTCAACCTTTGGTGCTTCCTATTTGCCTGGAAGAAAGTCAAGAACAAGAAAGACACATACAACTATATGACTGCTGGTTACCTAGCTGGTCCCTCATGAGAGGAAGTCCTGGTATCTTGCAAAAAAGGCACCTCAGCATCATGCAAGTCAGCACCTGTTCTAAATTTTGGCCTCAACTGAATGAGTTCACTTTCTGTATAAAGGCCAAGAAAGCTATGGGGGAATCTGGCTGTAAGGGTGATCTTGGGGCACCTTTGGTTTGTCATCTAAAACAAAAAGACACATGGATGCAGGTGGGAATTTTAATTCAATTTGATGAACATTGCACAAAGCCCTATGTCTTCAGTCAAGTTAGACCTTTCGTTTTCTGGCTCCAGAGAGTTACACAGCCCAGTCATGCTCCCTGGTCTAATCAAAGAACTGTGATTACCTCTCTTTCCAATACCCTGTCAGTATCTAACAGGAAAGATTTAACTTTTACGTCACCTTCTGCTACTGTTCATTCACACTTCATCTCTCTGCCACACCCTCAAGCTTTAGCAGATCATATTTCTGTGCAATATTCTATGCCATGGCAAGCTATAATCTTCGGTTGTGGCAATCAGATCTGCAGTGGCTCCATTATTAGTAGCTACTGGGTTCTTACTGCTGCCCACTGTGTGAGAAACATGAATCCTGAAGACACTCTTGTGATATTGGGCCTTAGAAATCCCAGAAAACCTCTGAGAGTTGTTAAGGTGACTACTATTTTACTGCATGAAAGATTCCGGTTAGTAACTCAGGCTGCAAGAAATGACCTAGCTCTGGTGCTTCTTCGAGAAGGCCAGAGTTCTATTCATATAATAGCACCCTTAGGCAGCATGAAGAATTTGAACATTTCAGAATGCTGGCTTTCTGGACCCCAAATTCTTAAACAAGGATATGTATTTGAAAATCTAGATATGTTACAGATACAAGTGATGGGAGCATCCAAATGTGCCTATCTCTATCCAGACATAGGAAGTTCTACGGTTTGCTACAATCCACAAGCTGGTGTTCCTGTAATAAGCATAGAGTCAGTGAGTCCTGGAAGTGCTGTTATATGCAGACCACTATATGGAAATCGCAAATGGAGACAAATAGGTTTCACTAGTCTCAAGAATCTAGCTACCATAGTTGCTCCACACTTTTCCTGGATCTTGTCCTCAACAGCAAAGTCAGGCTATCCCTTAGATCCGGCATTCATTCCTTGGGTAGAAAATTCCAATTCCTCTAGACTTGTGAAACATCCAACCACATTGCTACTTTCCATCATAATGATTATTTCAGCGAAAAGGGTTTTTATTTTGTAATGCACTGATTACATCACTGTGTTCAAACCTGCTGAACAAATATACCAGAAAATTTAGAAAAAAGTTCTGACTTAATGTTTTATAGAACCTCCCAAAATATTGTATTAATAAA

>Bearded Dragon, Pogona vitticeps (BK059518)

GTTCCATCCCAGACGCCTTCAGCACTGACTTTATGCTCTGTTCCAGTGGGGCCTGTGGGTTAGCCTGTGTCATCTCATCTCGTCTATGATGCCCCTTCATGACTCTTTGGCCTCCCTCTGCCACAGAGAGGAAGGATGGAGCTTCTCCTTGGGCTCTGTGCTCTTTTCCAACTATTTATCGTCTCCTCCGGCCTCTGTGGCTTTCGTCACCTGCTGCCCAAGCTGGCTGAAGCCATGCCAAAAAAGGGTGCAACTGTGGAAGCACCGTGGTTAGTGAACATCTATGGCAATGGCCAGAGGTGCCAAGGAGTGGTCCTGAGCAGCTGGTGGGTGCTGACCGCAGCCAACTGCTTCCTGTCAATGTCGCCGAGCCATGTAGAATTGACCGGGGCTCATGGGAGTATTAACACTCAGTCGGTGAGCCAGTTCATGCCACACAAAGGCTTCAGTACCTGGGATACAGAGCCTAACAATGACCTGGGACTCCTTCTGCTTAGCCAGCCACTTGATTTAAGAACGAAAGATATGTGGCCAGCTTGTGTCCCCAAAGAAGAAAAAGCTGACAACACACAAGAGGAGTGTAGGATTTTTGAACGAAGCCAGGACGAATCGACACTGAAAGAAATTGAAGTGGAGGCTTTGATGACATCAAAATGTGTCAAACGCTGGCCTGGAACAACAGAAAAACTGAACTTGTGTGTTGCAAGAAAGAACTCTGACCAAACTGATTGCAGGGTGCCCATAGGCAGTCCTGTGATCTGTCATAACCCGGACAACAAGCACTGGGAAGTAATGGGCATGGTGAGTCGGAGCTTGCGTAAGTGCACTGCTCCTATCTTGGCTTCCAAAGTTTTAACACATCTGGAGTGGTTGAAGAAAGAAAAAGCAGTAGAGGATCCTCTCAATCCACGACTTGATGATAACAACCAGTCATCTGCTCCAGAAGAAGAAGAATTGTCTCCAACCATTGGACAAGCTGTAACATTCCCAACAGGATTGATCTATAAACCAAGATCCCAGGAACCTTCAGCAGCTTTAGAAGTGCCAGTATCACTCCCAGATGCAGAACCAACACCTGTACATCCCAGAAAAGCGACAAAGCCTTCCTCGACTGCCAATAATGTTATTTTGGTAGCATCTCCAACCATCCAGCGATCATCACGCATTGCTCCCACAAGAACCAAAACATCAAGGCGAAAAACATCAGCTTCAGTACCCTCCACATCTGAACAGCAGTCAATTGTACAGTCCACAGAAACACAGCAGTCATCACCTATAGTCTCTTCCACAGCCGAAGAAACATCTGTAGCACCCACAACAGTCGGAAAATCTACAGCAGAACAACAGACATCAGCTGTTGCCTCTTCAACAAACAACCAAACACCTACAACATCTACAACACTTCTAACATCTACAACATCACAACAGACCTCCACAACAGAACAGCAGCCATCCACAACACAGCAGCCATCAATAGTCTCTTCCACAACAGAACAGCAGCCATCCACAACACAGCAGCCATCAATAGTCTCTTCCACAACTAAACAAACAACGGCAGGACCAACAACAAAACGCCCACCCCAAACTTCCCCAACATTCAGACCACCGCATATAATAATAATACCTGCTACCACCCCAAAGCCTTTGCCACCTCCAGATCATGTTCATTACATTGTTGTAGATCCTCAGTTCCCCAAGAACAAACGTGAAGAAAGCCCATCTCCTGACCCTTCTGTAGCATTACGTGGCCCATCTAGTATGGAGGTGTCCTTTATTCCCCACTTTGGACTCCCTGTGCAGGTGAAGCTCCACCAGTGTGAGATGGGATTGGCCTGGAATAGCAACTCCCATACATACCAGCTTAACAAGATGGCAGTTCTGATAGATCGCAAAATTGGATGTGGGCTGCGGCCTGGTTTTGTGCCGAAATGCCCCAGCTGCTCTGAGGCAGAGATGGGTGAGTTCCCCTGGATTGTTTCCCTAAGACTGTCCATCCAACACTTCTGTGCTGGCTCCATTCTCAACCCTTGGTGGATTTTAACCACAGCCAACTGTGCCAACTTGATAAAGAATTCAGAGACTTTGGCGCTGGTGCAGGCTGGGCAGGTAGATGCCTCCAAGGCAAGCTACTCCGTCCAGATCCGCCAAGCTCTGACTCACCCTGGTTCACTGGAGCAGCAGGATCTTCACAACTTGGGGCTTTTGGAACTGGAGGAACCACTGGAATTTGGGCCCCTTGTTGGACCCATCTGTCTCTTAGACAAGGCGGATACAATGGCTAATTTCAGAGACTGTTGGCTGCCAGGCTGGACTATGCTGGATGGAGGTCCTACTGTGCTGTTGAAGCATCATTTAGACATCCTGAACATCAGCAAGTGCAGCCAGCTTGGGGACCAGCTCCCCAATGCTACCTTTTGCATCAATGCCCAGGTGGGCCAGGAAGGAGTCTGCAAGGGTGATGTGGGCTCTCCACTGATCTGTTCTGACCCCAAGGGTGGGGCATGGCTTCAGCTGGGGGTATTAAGCAGCTTTGATGAAGCTTGCTCCCATCCCTATGTGTTCAGCAGCCTGCCCTTCTACTTGCCCTGGCTGAAGAGGGCCACAAAGGCTGCTGGGCATCGTTACAACCTCTTTGTCCCTTGGGAACGGCTGGGTGCTGCAAATAATCTTCGTCTGCTAAGGCAACCAGAGACTATGATTGCACAGATCTCTGCACAGTTGTCCATGCCCTGGCAAGTACTCATTGCCACATGTGAGAATCAGAGCTGTGGAGGCTCCATCCTGAACCGTTACTGGGTACTGACAACAGCGCAGTGTGTTCGGGAGGCGGACCCAGGAAGCACAGCTGTCTTTGTGGGGTTGACCCACCCCAAGGGCTATGTCAAGGGCATCCCTGTGGCTGGGATTTATCCCTATGAGAATGGCTCCTCACAGTACAGTCTCTCCGATGACTACAGCTTGGCTCTGCTGCTCCTCCAGAAACCCATCACCTTTGGCAAACACATCACTCGTATGACCTTCACCCCAAAGGAGTCCTGGGATAGCTGCAAAGTGATGGGTTTGCAAATGCTACAGCCTGGAGAAGTTCGATTCAACCCCAGTGCATACCAAGTCAAGGTGCTGATACCCTCAGACTGTGCCAAAGAACATCCTGGAGTCAACCCAGGCGTGTATTGTGTTGTGAGGGATAACTCGAGCTACCTCCCTGCGGGAGCTGTAGGTGAGGGCGCGGCCTTGCTGTGCCACTTGGAAACCAAAAGCACCAAGTGGAGCCAGGTTGGTTTGGTGAGTGAGCCATTTCCAGGATCCCAGACCGTCGTTCTGTCCTCCAGCATTGCCTCCTATGTGGACTGGATAGAAAAAACATCCAAGCAAGCCAAGCATCTCTTCGTCATGCCCCACACAAGCGCAGCCCGTAAACCAAGTAGCTGGTTACTCCTCCTGCTTCTGTCTTTGTTTGGTGGAGCAGAGCTGGGCTGAACAGAGAAGCAAAGAAGATGGCGACATCACCCCAAAACCTTCTACATAGAACGCTGGC

>Beaver, Castor fiber (BK059501)

cacactaaagaCACAGACTAAATCTCCATTAATAAGTACTTTGAACCAAGAAGAAACTATAACTGTCAAATCCAAGATACAGACTGAATCTCCAAAAAGTAAATATCCAATCAGAATTTAAGACTCCATTTATATCTCCTTGGGTTGAGTCTGAGCCTGGGGAAGGCACACCATGCATTCATGTGGAAGATCAATGGAGAGATCCTGTAACGGAAATAGTCAAATTGTGCAGACAAGTTATTTCTACAACATTTAATTCCTTCTTAAGGAGGAACATTTACACCCTGGAACCAGTCTGAAACTCAACCAGCCACACATGGACCAAGCCTCAAGTTAATATAACATTCTTTTCTCTTCCTGTATCTGATAAATTCAGAACGTGGATCCAACCTAAAACAAAACTACTGCATTACAAAGCTGACATAATTGTATCACTGATTTCTCCTGAGACTGGAACGATTGGAAAAACTCTGCTAATTGATCATTTGGATAACAAGTCTAAGCTTGTAACATTTTTACCTGTTGAGACTATTTCTACCGCACATCAGTATTTTATAATTTTGTTAACAGAGATAAGTACCATAGAAAGAAAAGTTAAAAGCAGTTATCTCCAGCCAAGCCAGCTCACAAGCATTTTCCTTCTTACCCTGTCAAGCAAGTGGTTTCCTAGTATAATTGGTCACAAGAATTTTGGCAGCATATTAGAAATTATTGACACAAAAGGAAGCCTTGATGTCCTTTCTGTCTCTCTTAGTTATCTTTCCCCAGGCTTTTCCTTCCTTGTTTCTTGTTCTCTTACATATCCATGTACATTGTTCCCTCCCTGTTTAGTCTTTTCTTCTTGTCCTTATCTTTCACACTGTGTTTTCCCATCTTGCTTCAACTTTTCTTCTCTGGCCTTCTCTCCTGTGCTTTTGCCCTCAACCTCTTCTGATAGTCAGCTCCAGGAACTGTCTTTCTCAAAGTTTATTGAAGATACTATTTTTTCTCACACTTTCTCATCCCTGCATGCTCCTCCAGCAATAAGTTTAACAAAAGAGTCTCCCCTGATGCCTGGATATCTATCTGGACCCAACTATAAGCATCAGTCTGGACAACAGCCTCTCAATATTTTCCTGGCTGACTGTCGCCTAGGTATGATTTGGAAAGACAATCTCCAGGCTCTCTGGCTCTTCAAGACAGCTGCTGTTTCTCATGAGACCACAGAGTGTGGAGTACACCCTGGCCTTGTCTCCCATTGTCCCAATTGCTGGGAGGCAGATACAGGTGAATTTCCTTGGATGGTTTCTGTGCGTCTCTCTTTCTCCCATTTTTGTGCTGGCTCTATTTTGAATGAACAGTGGATTCTTACCTCAGCAACATGTGCCAATTTCATATAAGTCTGGAAAAAGCTCAGAAGCTCGGGCCTTGGTCCAAGTGGGTCTTATTGATCTACAGGATCCTACCCAAGCTCAGACTGTTGGTATTCATCGTGCCCTGCCCTACTTAGGACCCAAAGGACCTCTTGGACCTGGGCTAATCTTTCTGCAGCAGCCACTACATTTTCAACCCCTGGTTCTTCCTATTTGTCTGGAGGAAAGTTTGGAGCAAGAGAAGAATATACAACTGTATGACTGCTGGTTACCCAGCTGGTCCCTCATGAGAGGAAGTCCTGGAATTTTGCAAAAAAGGCACCTAAACATCCTGCAAGCCAGCACTTGTGCCCAGTTTTGGCCCAAGCTGAATGAATTTACTTTCTGTGTGGAGGCCAAGAAAGCTATGGGGGAGGCTGGCTGTAAGGGTGACTTGGGGGCACCTTTGGTGTGCCATATGCAACAAAAGGATACATGGGTACAGGTGGGAATCTTGAGTCACTTTGATGAACATTGCACAAAGCCCTATGTCTTCAGCCAAGTGAGCCCTTTCATTTTCTGGATCCAGGGAGTTACACGGCTCAGCCATGCACCATGGTCCCAACAAGGACCCATAACTACCTCTGCTTCCATCTCCCTTTCAGTCTCTCCTGCTAGGAATGCTTCAGTTTTAACCTCTACAACTGCTTCTATTCGACCCCACTTCATTTCTCTGCCACAACCTCAGACTTTGGCAGATCGTATTTCTCTGCGATATACTTTGCCTTGGCAGGCTATGATCATCAGTTGTGGCAGTCAAATCTGCAGTGGCTCCATAATTAGCAGCTCTTGGGTTCTCACTGCTGCCCATTGTGTCAGGAACATGAATCCAGAAGACACTATAGTGATACTGGGCCTTAGGCATCCTGGGGCACCTCTGAGAGTTGTTAAAGTAACTACTATCCTACTTCATGAGAGATTCCAGTTGGTGAGTGGAGCAGCAAGAAATGATCTAGCTTTGGTACTCCTTCAAGAGGGCCAAAATTCCATTCAGATGTTGGCACCATTGGGGCACTTGAAGTATCTAAATAGCTCAGAATGTTGGCTTTCTGGGCCAAGAATTCTTAAACCAGGAGAGACAGATGAGAACCCAGAAATATTACAGATGCAGGTTATGGGAGCTTCAAGCTGTGCCTACCTCTACCTAGACATAGGCAGTTCTATTGTTTGCTTCATTACTCAGGCCAAAGGCTATGACACAAATATGGAGCCAGTGAGTCCAGGCAGTGCTGTTATGTGCAGACCAATATCTGGCAATGGCAAATGGAGACAGATAGGCTTCACCAGTCTCAAATCTCTAGCTACCATAGTGAGCCCACACTTCTCCTGGATTTTAACCACTTTAGCAAAAGCAGGCCATCCCCTAAACCAGGACCTTATGCCTTGGATAGAAAAACCTAAGTCCTCTGGTTTCCTTAAATATCCATCCACACTGCTACTTTCCTCAGTAATTATATTTGAAGCACAGATGTTTTTGTAGCCTAGTGACTAGAACAGGTAGTATACATCTGTTCATACTATGATAGCCAAGATACCTGAAGAATAAAGAGAAAATATTGATTTATGCCCTataagctattcc

>Bull, Bos taurus (KC120771, BK059506)

AGAGACTGCCCCTTTCACAGTCCCAACATGGACTCTGGCTAAAAGACCAGCTGTAAAATCCTGGAGAGAGAATGTGCCTTTCACAACTCCACCATGGACATTGGCTGAAGGTCCACCTGTAAATACCTGGAGAGAAACTCTGCCTTTCATAGGCCCACCTTGGACTCATGCTGAAAGTACAGCTATAAATAGTTGGAGAGGGACTGTGCCATTTGCAACTGCACTATGGGCTCTAGATAAAGGTCCAGCTGTAAATACCTGGAGAGAGATGATGACTTTCACAGCCCCACCATGGACACAGGCTGAAGGTCCAGCTGTAAATACATGGAGAGAGACTATTCCTTTTACAGTCCCACCATGGACTCAGGATGAAAGTCCAGGTGTAATTACCTGGGGAGCAACTGTCCCTTTCAGAGTCCCATCAAGGACACAGATTGAAAGTCCAGATATAAACACCTGGAGAGAGACTGCACCTTTCACAGCCCCAGCATGGGCACAGGCTGAACCTCCAGCTGTAAATTCCTGGAGAGAGATTATGCCTTTTTCAGTCCCACCATGGACACAGGATGAAAATCCAGGTGTAATTACCTGGGGAGAGACTGTCACTTTCAGAGCCCCACCAAGGACACAGATTGAAAGTCCAGATGTAAACACCTGGAGAGAGACTGTGCCTTTCACAGCACTACCATGGACACAGGCTGAAGGTCCAGATGTAAATACCCAAAGAGATACTGTGCCTTTCACAGGTCTACCTTGGACTCAGGCTGAAAGTACAGCTGTGCATACTGGGAGAGATATTGTACCTTTCACAGCTCCACCATGGACTCAAGATAAAGGCCCAGCTTTAAATACCCGGACAGAGACTGTACCTTTAACAGGCTCACCTTGGACTCAGGCTGAAAATCCAACTGTAAATACCTGGAGAGATAAGATGCCTTTAACAGCCCCACCCTGGTCACAGGTTGAACGTCCAGCTGTAAATACATGGAGAGAGACTGTGCCTTTCACAGCACCACCATGGACTCAGGCTGAACGTCCTGCTATAAATAGCTGGAGAGAGACTATGCCTTTCTCAGCTCTACCATGGACTCAGGCTGAAAGTCCAGCTGTAAACACCTGGAGAGACACTATGCCTTTCACAGACCCATCATGGACTCAAGATAAAAGTCCAGCTGTAAATAGCTGGAGACAGATTTTGACTTTCCCAGCCCAACCTTGGCCACAGGCTGAAAGTATAGCTGCAAATGACTGGACACGGAACGCCCCTTTTACAGCTCCACTGTGGTCACACACTGAAAGTCCAGCTGTAAATACCTGGACAGAGGCTATGCTTTTCACAGGCCCTCCATGGACTCAGGCTGAAAATCCAGCTACACATACCTGGAAAGTGAACGTGCATTACAGAGGCCCACCATGGACTCAGTCTGACTCTGCACAAGCAAACCCTTGGACATCAACTGAAAGTTTTAGAATCAGATCATGGACTCATGGAGTAAAGCAAGTTTTGAATATTTGGACAGAGCCAATAGCTTCCACAGTTACACTTCGGACTCAGGCTGAATATTCAACACTAAAATATTGGGCAGAGACTAAAGTCATTTACATAGTCACACCATTGACCCAGTGTCAGTTTCCAATAAATACTTTGACAGAATCTGTAGGATCCATAATCACACCTTGGACATCTGCTGAATCTCTAGTATTAAGTTCTTTCACACAGAATATTATTGATATAATCAAATTTTGGCCAGTGCTTAAAACTGAGTCTAAGAAAAGGTGGAATCTGCCTCAAACTGATACACTCATATTTTCACTAAATCCTCAAACTGATACTTTTGGATCCTTGAACCAAATTGAAAATCAAGAATCTCCTCTGTGGACACATCCTGAAATTGATAATGTCAATACAATGAACTTTCTTGAATCTGGAACACTCATATCACAGGTAGTATCTCTGCCCCAAGCAGCTAGACTCTGGCCCCAAACTGAAGCTGATATTAGCAAAACTTGGTTTGTATCCTCTGAAAGAATAAATTCTTGGGACCAATCAGAGTCTCAAAGAATGAGTACCTCAACCCATTTTGGAGTGGGTAGAGTAAAGCCCTTGGCCCAACATGAAACTGCTATAGTCATGTCATGGCTTCAGATTGAAACTGGTATATTCTACCCTTGGAACCAGTCTGAGGGAGACACAGTGAGGTTCTGGCCCCTTTCTGAAACTGAGGATGTAAGAGAATGGATCCAAACTGGAGCCAGTAGAGTTAACTCTTGGACTCAACCGAGAACTAGTATAGTCAGAGCTTGGCCCCAAGCTGAATCTGAACTAGTCAGACCCTGGACACAAACTAAAACTAATGCAATCACACTATTGACCCAGGCTGATACTATCAAACCTTGGTTCCAAACTCAAATTAATGCAATAAGAGAAGGAGCCCAAACTCAATCTCAAATTGTTACTAGTATCCAAACACAGTTGCAAATAGTTAACCCCTGGATTCAGCCTAAAAGTGATTCAATCAGATTTTGGACCCAGCCTTGGATCCAAGCTGAAACCCACACAGTCAGACTCTTTTATGAAATTGATATAAGAAAATCATGGGCCTCATTTGGATCTCAGTCAGTCACATTTTGGTCACTGAGTCAAAATTCAGTTAGGACCTCATTTCACTTTGAATCTCAGATGACATGTTCCTGGATCGGAAATGAATTTGATATAATCAGTCTTTGGAATCAATATGAAACTAGTTCAGTTGGATCCTGCATCAAGTCTGAAACTGGTACATGTCAACCCTGGGTCCATATTGAATCTTCTACAATCACACCATGGACCCAATATGAAACTTTAGAGATCTACCCTTCAACCCAGCCTGAGACTGATACAGCATTAAGGCATTGGTTCCAGCCCCAAATTGATCCAATTAATACTTGGAATCAGCCCGAAGTAGATACAATCAGATTCTGGACCCAAGTTGAAACAGAAACAATTTCAGTTTGGACCCAGATTGGAAGTCAAGTAGTTAAACTTTCCAACTTTTCTGAAGTTGGCATAGTTACACCTTGGCTAGAGACTGAAACTGATACAAGTAGACCCTGGATTCAGTCTGACTTTCAGTCAGTCCATCCTTGGACCCAGACTGGATTTGGTATAATTAACCCCTGGTATCAGCCAAGAGCTGCTGTAAATCAACCCTGGACATTTGTTCAAACACAGTCAATCGGACCCTGGACTAAGGTGGAAGCCAATACAATCAAATCTTGGTTTCATGTTCAAATGAAAAAAGTCAGACTGGGGATTCCTGCTGAGTCTCAAATATTGAGTTTCTGGATGCAGTCTGATGTTAGTAGAGTTAATGCTTGGATCCAACCAGAAACCCAGGCAGTCAATCCTGGGGCTCATCCTAAATCTGGTAATGTTGCATCCCTGGCTATTCCTAAGCCTGAAAGAGTCAGAATGTGGATCCAGCCTGAAACAGAAATAAGGCCTGGCATCATTTATAAAACTGATATAACCACATCATTTGCTTCTCCTGAAATTGAACCAGATGGAACAATTAGTCATTTTGATTTCTTGTCTAATCGTGTAACATTTTTAACAATAGAAACTGTTCCTTCCCTAGATGAGCATTTTGCAGCTTTGTCAACTGAAATAGCTGCAGTAGAAAGCCAAGGTCAAATAAATTCTGTCCAACCCAGTGAGATCACAAATACTCTCTTTCTTACACTTTCAAGCACATGGCTTCCTGGAGGAGCTGGTTACCTGAACTTTGCCAATAAATTGCAAATTACCAAAACAAAAGGAAGCCCTAATGTCCCATCTAGTTCTCTCAACCCACTTTTTCCATCTTTTTCCTTTCCTGTTCCTTGTTTTATCCCATTTTCATGTTCTTTGTCCCTTACTTGTTCAGTCTTTTCTTCTTGCACACTTTCTTCACCATGTACTTTTCCTTCTTGCTCAGTTCTTCCTCTTGTGGCTTTCTCTCCTGTTCTTCCCTTAGCTGCTTCTGATAGTTCTCTCCAGAAACCATCTTCCTCAGAAGTTACTGAAGACACCATTCTTTCCCATACTTTTTCATCCTTGCATGCTGCTCCAGCCACTCTTTTAACAAAGCAACCATCTCTGATGCCTGGATTTCAATCTGAAACCAAGTCTAATCGGCCTGAACAAGATCTTCCTAAGTATTCTGAACTCAATGTTTCCCTTGCTGAGTGTCGCCTGGATGTGGTCTGGAAAGAGAGTCTCCAGGCTTTCTCGCTCTTCAAGACAGCTGTTATTTCTCATGAAATCACAGAGTGTGGATTACGCCCTGGCCTTGTTCCACACTGCCCCAACTGCTGGGAGGCTGAAGTGGGTGAATTCCCTTGGATGGTTTCTGTGCAACTCTCTTTCTCCCATTTCTGTGCTGGTTCTATACTGAATGAACAGTGGATTCTCACTACAGCTAGATGTGCAAATTTCATAAAAAACTCAGAAGCATTGGCCCATGTCCAGGTGGGGCTGATTGATCTTCAAGACCCTGCTCAAGCTCAAACTGTAGGCATTCATCGTGCCATGCCCTACCTGGGCCCTAGAGGACCTTTGGGACCTGGTCTAATCTTCTTGAAGCAACCATTACATTTTCAACCCCTGGTTCTTCCTATCTGCCTGGAGGAGAACCTAGAGCAAGAGAAAAATATACAACTATATGACTGCTGGCTACCTAGTTGGTCCCTCATGAGAGGAAGTCCTGGAATTTTGCAAAAAAGGCATCTGAGCATCCTGCAAGTCATCACATGTGCCCAGTTTTGGCCCAGCCTGAATGAATTTACTTTCTGTGTGGCAGCCAAGAAAGCTATGGGGGAGGCTGGCTGTAAGGGTGACCTGGGGGCACCTCTTATATGTCATCTGCAACAAAAAGACACATGGGTGCAGGTGGGAATCTTGACTCACTTTGATGAACACTGCAGAAAGCCCTATGTCTTCAGCCAAGTGAGCCCTTTCCTTTTCTGGCTCCAGGGAGTTACACGACCCAGCCAAGCACCCTGGTCCAAGCAAGGGCCCATGACCACCTCTGCTTCCATCTCCCTTTCAGTCTCCACCTCTATGAATGCCTCAGCTTTTACCTCCACACCTGCTTCTGTCCGGCCACATTTCATCTCTCTGCCACAGCCTCAGACTTTGGCAGATCGAATTTCTCTGAGATATGCCATGCCTTGGCAGGCCATGATCATCAGTTGTGGCAGTCAAATTTGCAGTGGTTCCATTGTTAGCAGCTCTTGGGTACTCACCGCGGCTCACTGTGTCAGGAATATGAATCCTGAAGACACAGCTGTAATATTGGGCCTGAGGCACCCTGGGGCACCTCTGAGAGTTGTTAAGATCTCTACCATTCTTCTGCATGAAAGATTTCGATTGGTGAGTAGGGCAGCAAGAAACGATCTAGCATTGCTGCTCCTTCAAGAGGTCCAGACTCCCATTCAGCTTTTAGCACCGTTGGGTCATCTGAAGAACCTGAACAGCTCAGAATGCTGGCTGTCTGGGCCAAGAATTCTTAAGCCAGGAGAGACAGATGAAAATCCAGAAATATTACAGATGCAGGTGATAGGAGCTTCAAGCTGTGCCCACCTATACCCTGATATAGGTAGTTCCATTGTCTGCTTCATTACACAAGACAAAGATTCTGACACAAGTGTGGAACCAGTGAGTCCAGGCAGTGCTGTCATGTGCAGACCAATCTCTAGGAATGGAAGCTGGAGACAGATAGGCCTCACTAGTCTGAAGGCACTGGCTACCATTGTGAGCCCCCACTTCTCATGGATATTATCCACTTCATCAAAAGCAGGGCATCCATTAAGCCATGAACTAATGCCTTGGATGGAAAAGCCTAAGTCCTCTAGTCTCATAAAACAGCCAGCCACCCTGCCATTTTATTCAATAATAATTGTTATACTACAAAAGCTTTCATAACTCACTGTGAAAATAAGGCAGGGCTAATCTATTCAAACTATTTATAATAAAAATTTTAAACAACATTAAAGAAAATTAAGACCCTATGCAACCTAGGAG

> Two-lined Caecilian, Rhinatrema bivittatum (BK059519)

TCTCTCTCCTGGTTTCAGGTAGAACCTTATTACTGTCCCACCTGAGACTTCAGCCGGCGTTCACCTAACAGAAGGATGAAATACCATTTTCTTATTGCCATCAATTTGGTGTTTCAGTGTTTAAGCTACAGCAATGCACTGAGCCAGGAGAGATGTTGTAAAGAGGAGACAGATCCGGGCGCTCTTCCACCACTTCTAAAGTTTGTTAGCTGGGATCTAAGCTTTCTGTCATCAGATCCTGCTACTCGAAAAAGGCGTTCCGTATTAGCCAGTGCACCTCTAGCTGAGCAAAAACACAACAATAGAGACCAGCATCACTATAAAGCCAATTCTTACTCATCCAGGTTACGACATTTGTTCTCCTCAAGATGGCCACATGGCCATGGAAGGCCACATCAAGCTCCTGTTAGATCACCTAGGACAAGACACCATGGCCATCCTCATGCCTTAGCAAAGCCATCCGATTCAATTCAGCCTCTGGTTGTACATCCACCAGCTGGTCCAAGTCAGGCACTTCTTTTACTATCACCAGCTGGCCCAGGTCAGCCTCTGCACGTATTGCCACTGAGAATGACAGATCCACCAGAGTTGCGGAAACCTTCAAGCCAAAATCTTCCTCTCACCTCATTGCAGCCAACAAGCCAGAGTCAGTCTCTCACCTCACTACAATCCTCCAACCAAAGTGGACCACTATCCTTACTGCAGTCGTCCAGCCAAGCTCAGCCTCTCACCTCACTGCAACCCTCCAACCAAAATGGACCACTATCCTCACTGCAGTCACCCAGCCAAGGTCAACCTCTCACCTCACTGCAATCCTCCAACCAAGGTGGACCACTATCCTCACTGCAGTCACCCAGCCAAGGTCAACCTCTCACCTCACTGCAATCCTCCAACCAAAGTGGACCACTATCCTCACTGCCGTCACCCATCCAAGGTCAGCCTCTCCCCTCACTGAAATCTTCCAACCAAAGTGGACCACTATCCTCACTGCAGCTGCCCAGCCAAGGTCAGCTTCTCTCTTCACTGCACTCTTCCAACCAAAGTGGACCACTATCTTCACTGCAGCTGCCCAGCCAAGGTCAGCCTCGCCCCTCACTGAAATCTTCCAACTTAAGTGGACTACTATCCCCACTGCAGCTGCCCAGTCAAGGTCAGCCTCTCTTCTCACTGCAGCCATCCAGCCAAGGTCAGCCTCTCACCTCACTGCAATCCTCCAACGAAAGTGGACCACTATCCTCACTGCAACCATCCAGCCAAGGTCAGCTCTCACTGCAGACATCCCGCCAAGGTCAGATTCTCCTCTCGCTACAGCCATCCAGCCAAGGTCAGTTTCTCCTTTCGCTGCAGCCGTCCAGCCAAGGTCAGCTTCTCCTCTCGCTGCAGCCCTCCAACACAGACCAGCCTCTTGTGCTGAAACTTCCTGACACAGGTTTGCAGCAACCATCTCCATCCTTTGTCACACCCGTACCCCCAGAAAATCGCACTTCTTCCTTCATGAATCCATCCCGCCTGGTGCGCCGGGGAGCTGTCATCCTTTCTCACTGTGGAGCCGACATGGAATGGAATGTTGGTAGCCAAGCTTTCCGTCTCTCCAAATTCTCCATACAGCGGAAGAGTTACCAAGCATGTGGCCAGCGCACGGCCTTCAAGCCCAAGCTCACCCCAGCAAACAACGAGGAAGCTGAAAAGGGAGAGTTTCCCTGGATGGTCTCCCTGAAGTTGTCCATTTATCACTTCTGCTCGGGCTCCATCCTCAACCGATGGTGGATCCTCACTACTGCGTCCTGCACCAACATCATAAAAAACGAGGAGTCCTCTGTTCTGGTCCAGGCCGGCATGCTGAACTTCCAGCTAGACTTTCGTTCCTTTCACGTAGAGCTGGTGGTGTCCCATCAAGAATACACAGAGGACCAGGAGACACACAACCTTGGTCTCATTCTGCTGCGCGAACCTTTATTCATCAGCCCTTTGATTTCACCCATTTGCATCTCCAAGAATATAAAATTGGAGCAGCTAATGACGCCCACCAACTGCTGGATCTCTGAATGGACATCACTGCAAGGTGGCCCCAGCATCCTGCTAAAGCGCAGGGTTTCACATCTTCAGCACACGCTTTGCAGTGACTTCTGGCCCATCATCTCTGATTTCACCTTTTGCATGAAGCTGAACCCGACCAACATGACAAACTGCAAGGGAGATATTGGGGCCCCTCTGGTGTGCAAAGACTTCAACAGTTCATCCTGGCTGCAGGTCGGATTACTCAGCGACTATGACAAGACCTGTGTGAAGCCCTACGTCTTCACCAAGGTCTCCCACTACCTGTCCTGGATTGAGCAGAGCACCCAGGCAGCCGGCAAACCCATCAGCCGGACAAAGTCTACATCTGCTGGGCGTCTTCAGAAGAAATGGCTGCGGGAGAAGGGCGATTTGCATACCGCTGAAAAAGACTCCATGTACCAAACAAAATCTTTTCGTATCTTTGCGCCATGGCAAACCCTTATCATCACCTGCCAGAACAAGATCTGCAATGGAGCCATCCTGGACAAGTACTGGATTGTCACCACAGCTGGCTGTGTGCAGAACATGGATCCGGATGATACTGCCGTCTATATGGGTCTTAACAGGCCAGAGCACATTGGTGACGTTATCAGAGCTGACCGTATCTTTCCACATGATGGTCATGATGAGAGTGTCAGTGTGGGAAATGACATTGCTCTGATCCTGCTAGAGGGTCCCATCTTGTTTTGGAAGCACGCCAGACCCCTGACCATGGCACGCGACCTGAACCTCGACATCAGCAGCATGGACACGTGTGGGATAGCAGGACTGCGCTGGTTAGAATCAGGAAAGGAATCATCTTCCACCATAAACTTGAAGAAGATACAGGTGCCAGTGAAAAATTCTGAAGTCTGTCCTGAGGATGAAGCCCTGATACAAAACGTAGCCTTCTGCATTGAGGAGGTCAGCACCCACCGCCAGCTACTGATGATCCAAGAGGGCAGCGCCATCCTCTGCACAAGCAAACAGGACTCAAACTGGACGCTGGTTGGCATTCTCAGCAAAGTATTGGATGAGTCCCCCATGCCTGCCTTAATCACCAGGCTCGCTGCCCACATCGACTGGATGAACAACGTGAGCAAAGCAGCCGGGAGACCGCTGGAGCTGCCGCCCACCACCCTGTCCCAGAAGGATCTCGAAGTGTCCACTTCCCGGGCCCACACTGGCCTTGTCCTGCTGATCGTTCTGCTCTCCTGCTTTGTTCTGCTCATCATCATCATCGGTGTGGGTGCTTTTGTACTGCACAAATTTTTTCCTAAATTCTTGACAGATTTAAAGTCAAAGTTGAAGTTGAAGTTCAAGTCAATCCTTAAACCCAAGCCTGAACCCAAGCCTGAACCCAAGCCTGAACCCATTCCTCTCACCCCCACTCCCTCAAAAAAAGCTAGAAAAGCAACCCATTTCTCTACTCCCTAAATATATATATATATATATATACACACACATACATACAATACATTATTGAAAGTGGGTAACATTGAGCAAGCAGTTGATAGGGAAACTAGGGAAACAATTGTAATATTCTGCTCTCATAATAGGCAGTTTCCTGATACCTACAAGTATTTTCAGTTACCACAAAATATAAGAACCCAGTGCAGATGCTCAGTATTAGAGAATTATAGTCACCTGAGAGGGAATGAATTGTGTGCCAGATAAAGCCAAACTGACCAATACAATTCAGCATTTTCCTTCTTATTAATTTAATGTATGTGGGAGATACATCTAAGCCATGATATTTTGAACTGGATTTCAGGATGTTTTCCATTGATTAGTTCATGAGTATTCTCTTTCAAGCAATAAAATAGTTTTCATACTTAAAAAAAA

>Camel, Camelus ferus (BK059510)

CAAAAACTCAGAGGCCCTGGCCCTGGTCCAGGTGGGGCTGATTGATCTTCAGGACCCTGCCCAGGCTCAAACTGTAGGCATTCATCGTGCCGTGCCCTACATAGGCCCCAAGGGACCTTTGGGACCTGGACTAATCTTCCTGGAACAACCACTACATTTTCAACCCCTGGTGCTTCCTATCTGCCTGGAGGAGAGCCTGGAGCAAGAGAAAAACATACAACTGTATGACTGCTGGCTACCCAGTTGGTCCCTTATGAGAGGAAGTCCTGGAATCCTGCAAAAAAGGCACCTAAGCATCCTGCAAGCCAGCACATGTGCCCAGTTTTGGCCCAGACTGAATGAATTTACTTTCTGCGTCGAAGCCAAGAAAGCTATGGGGGAGGCTGGCTGTAAGGGTGACCTGGGGGCACCTCTGGTGTGCCATCTGCAACAAAAGGACACATGGGTGCAGGTGGGAATCTTGAGTCACTTTGATGAGCACTGCACAAAGCCCTACGTCTTCAGCCAAGTGAGCCCTTTCCTTTTCTGGCTCCAAGGAGTTACACGACCCAGCCATGCACCCTGGTCCAAGCAAGGGGCAATGACTACCTCTGCTTCCATCTCCCTTTCGGCCGCTACCTCTACAAACGCGTCGGCTTTTACCTCCACTCCTGCTTCTATCCGGCCGCACTTCATCTCTCTACCACAGCCTCAGACTTTGGCAGGTCAGATTTCCCTGAGATACGCCATGCCTTGGCAGGCTTTGATCATCAGCTGTGGCAGTCAAGTTTGTAGTGGTTCCATAGTAAGCAGCTCTTGGGTACTCACTGCTGCCCACTGTGTCAGGAACATGAATCCTGAAGACACTGCTGTGATACTGGGCCTGAGGCACCCTGGGACACCTCTGAGAGTTGTTAAAGTGTCTACCATCCTGCTGCATGAGAGATTCCGGTTGGTGAGTGGGGCAGCAAAAAATGATCTCGCATTGCTTCTCCTTCAAGAGGTCCAGACTCCCCTTCAGCTTTTGGCACCCTTGGGCCATATGAAGACCCTGAATAGCTCAGAATGCTGGCTGTCTGGGCCACGAATTCTTAAACCAGGAGAGGCAGATGAAAATCCAGAAATATTGCAGATGCAAGTGATGGGAGCTTCAGGCTGTGCCCACCTCTACCCTGACATAGGCAGTTCTATTATTTGCTTCATCACACAGGACAAAGACTCAGAAACAAACGTGGAACCAGTGAGTCCAGGCAGTGCTGTTATGTGCAGACAAATGTCTGGGAATGGCAGCTGGAGACAGATAGGCCTCACCAGTCTGAAGGCACTGGCTACAACTGTGAGCCCCCACTTCTCCTGGATATTATCAACTTCAGCAAAAGCAGGGCATCCCCTAAACCAGGCACTGATGCCTTGGGTGCAAAAACCCAAGTCCTGTAGTCTCCTAAAACAGCCAACGACACTGACACTTTCTTCAGTGGTAATTATTGCAGTACAAAGTCTTTTGTAACTCCGTGGCTATGGAGGGGCATGCTAATCTGTTCACACTGTGATTAAAAAAAGGTATTAAAACAATTAAATGAAAAGATTCATTTAAGCCCTTGCAGAATCTGAGTACATAGTCATGTACTTAAATAAAGACATGCTGTATCCCTAACGACTGCTTTCTTTTTACATCCTAAAGGGAAAACAAAACAAAACAAAACAAAACAAAATCCAACTTTGCTTAGCTCTTTTCAAATTTAAGAGGACTCACATCTATACATTTTAACATTCAAATGTTACCAAGTCCAAGCTTCTACTGCTTGACACACTACAGGACAAGAAATTGGGAGACAAGG

>Chinchilla, Chinchilla lanigera

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ACTCTATAATCTTAGTCTCAGCCTTGAGAGCTAGTCTATTAGAATCCTGTTCTTGTGTTCACATCTATGTGAACAAATATGAAAGGTCCACTTTGCCTCTTTCAGTTTTGGGGGTTGTTTTTTCACTGCTATGGTGTACCCAATTCTCAAAAGCAGTGGTTAAACTCATTGACCCCAACGATTGCCCCATTGTCAGCATCCAACAATATCCCATGGCTAGTGTCCATGGCTGAGACCTGCCAGGGCATTATTCTGAGTCGGTGGTGGATCCTCTCCACAGCCAGCTGTCTGAGTAAACTGAAACAGTTAAACTCTGACATTTCAGGAGTCTTTGACCAAGAAGATGTCTTACAAGGCCACAAAGTATGCCTACTCCCTAGTTTTGATCCAGAAACTGGAAAAGATCCAGTCAAAGCAGATATAGGGATAGTACTCCTTCAATATCCTATCAGGAAGAAAGAAATACCACTTTCTCACACTTATAACATCTTCTGGAAGACCTGTTATAACTGCCAATACAGAGACTGCAGGGTGTACCAATATCAGAATCATGGTAACTTTGAAAGCAATATCAAGAAATTGTCAGTTAAGCTGCTGGACCTCTCATTTTGCCACCATCAACACATTCACCTGACTAAAAGTAACAATTTATGCATCTGGAGTCAGTCAGAAGAAGACTGCTGGGTACAGCAGGGTAGTCCTGTTTTCTGTCTCTTTGGCAACCACTGGGAACTGGTAGGCCTGGTCAGTGAGTCCTCAATGGCCTGTTATGACCCAATTCTTGTCATCAAGACAGCCCCCTACCTACCTTGGATGAGACAGCTTATCAAGGCATCCCAGAAGTCACTGGATCCTATTTTTTCTCTACCCTGCAGTTTTTCTTCTAGGGTAGAACATGATAATCAATATAGGCTTATCCCAAAAAATGCTTCTGCATTTCTGTCCTCCCATGGATTCTCTATACAGTTATGGAGGGGAAAGTTTGGCAGTTCCCCACTGAACAGACAGCGCCGGAATCCTCCTCCAGTATTTTTTGGTCCAAATGACAGAGATTCTTTTCCTGGAAGTTCACAGTTATACCTTCAAAGCAGTCAGATCTCCTCAACTAGCAATTCCCTAATGGTAAAATCTTGGACCTCTCCTCTTGTTAAATCATGGGATCCTTTTCATACAGCTGTGTCCTGGAATACTGCAGGAACTGATATTTCTGATCCTTCAGTTCTTTATCAACCTCAAAGCACTCCAACACCAGATATAAGTACACCCTGGAACCTTCCTCAGAGAGATGTAGTGAAATATAAATATAGAAATATGACAGATTCATCAAGATACTGGGTTGAATATTTAGGTGGTATAATTGGGCTTTATTCTCCACCATTAAATAATGCTGATGGATCACATGTTCTGTTTTCAAGTGATGTAGAAGGATCCCAATTTCATTCTGAGATAAAAAATGCTCAGTCTCAAGTTCAATATGGCAGGGTTCCTTTCCAAGGTCAATTTCTAGGGAGACCCTGGCTGCGTATTGCATCTGGTGTTAGACCTTGGACATATAATATGGCTGATAAAACAGAAATAGTGATACAGATTCAACCTGCTGAGGGGAGTTTTAGAACTCAAATACATCATGTTGCTGATAGAGTCAATACTGCTATTCAATCTGTAACTTATAACATGAATCCATGGATACCTTTGATTATTAATAAGATTGGATTCTGGACTCATTCCATACTAAATGAAGAGGGATCTCAATATCCTACAGCAACTCCTACCTCAGAACCCTGGTTTCAGCCTGTCCTAAACATAGTTAAATCCCAAGGACCTATAGAAAAGACATATGAACAAATGATTTTCCCTGAACCTAAGCCAACTCAATTTTGGACTTCCTCAACTCTTAATATGCTCCTTAATTGGGCTTCATCTGCAAGTAATACTAATAGGCCTGTGGCCCAGTATAAGGCCAGTGCAATCACATCCTTAAGTCAAATGGATAGAATGAATCCAGTGAGTAAGCACAGTGATTTTACAGTCAAAACCCAGATGCAGAAGGAAGATACAACATGGCTTTTGATTCATACAGTTGCTAGTATAATTGATCCTTTAACCCACACTGAAGTTGATACAACTGCACCACGGACTCAACCTGAAGTTGACATAGTCCAAACTTGGACCCAGTCAGAAACTCAATCAGGAAGCCCTTTGACTGTGCTGAAAGCTGATACCACCAAACTGTGGTTACAGACTAAGGGAAGAAGAAGACACCAGATTCAGCCTAAATTCCAAATTCTCAGACCTAGAACTCAGACTGAAGAAGGTGAATATAAACCTTGGATCCAGTCAGAAGCAGATGCTGTCAGATCCTTGACCCACTCAGAAATGGAAACACTCAGACCCTGGGACCAACCTGAAACTGGTACTGCCAGATCTTTGTTCTTGACAAAATCTGACCAAATAATACTGAACACTCAGGCAGCCTTTAAAACACCCCACATATGGACTCAGCCTGAAGTTGACACAGTCAGGCCACAGATTCAGTCTGAAGCTGGCAGAATGCAACAATGGACAAAGCCAGAAAAATCTCCTTTAATACTCACAACAGAGTCTAAAGTTAATACAATTACACCATGGACAAGGCCTGAAGTTGATGCTATGGGGCTTTGGTTGCAAACACAAACTGATATAATCAGGACCTGGACCCAAACTGAAACTCAAACAATAATTTCTTGGTTTGAACCAGAAGCTATTATAGTCAGACCTCTGTTGAATACTCAAACTGATACATTTAAACCTTGGATTGAGACAGAAATAGAAACACCCCATTACTGGGCCCAGTCTGAAGGTAATATAGACAGATCATGGACAGAGATTGAAGCTGAAAATGTCAAACCCTGGTTCTGGACTCGAATGGAAATAGCCACTTTTTGGACAGAGCCAGTAATCAAAACATCCCACCGCTGGATGCAGTCCAAAAAGGAAATACTCAAGCCCTGGGACCAATTTTATGAGGTAGAAACCTGGACACAACATGACACTAAAACACTCAAGTCCTGGAATGAGATTGAAAGTGATAAAGATAGATTTTGGACTCAATCAGAAGTTGACACATTGAGACCCTGGATTCAGTCAGATATTGCTATCAACAACCATGGAGCGGAAAATGAAGCTGGTACATTAATGCTTTGGCCTCAGGCTGAATATCCAGAAGTAAATCTCTGGACACAATCTGAAACTGATGCAGTCTCATTATCAACCCAGAGTAAAATTCCAGCAGTAAATCACTGGACAGAAATAGCTGATACCATCATACCACAAGCAAAAGCTAAATTTCCAGGAGTAAAGCCCTTGACACATCTGGCATCTAATACAGTAACACCATGGACTCAGGCTGAATCTATAGTAGTAAATCTCTGGACTCAGCCTATAACTGATGCAGTCACACAGTGGACTCCTGGTGAGTTTTCAGAGACAAATCCCTGGACAAAAACTACAATTGATAGAGTCAAGTCATGGACCCAGGATGAATCTCTACTGGCAAATCCCTGGATGCAATTTAACACTAATACAGTTATACCACGGACACAGACTGACTCATTCATAGTAAATTCTTGGTTACAGTCTATACCTCATACCATTATACAATGGACCCACAGTGAACCTTTAGATATAGCTCCCTGGAAAAAAGCTGTCACTGATGCAACACCTTGGTCTCAGGCAGAGTCATCAGCAGTAAATCCCTGGAGAGAAAGTGCAACTGGGACAGCTACACAGTGGACCCAAGGAGAATCTCCAGTAGTAAATTTATGGGCTCATCCTGTGGTTAATGTAGTCACACTGTACACTCAGGCTGATTCCCCATTGTTACATTTCTGGACAAAGTCTGAAATAAATATAGTCACAACATGGACCCCAACAGAATCTTCAGCCATAAATTCCTGGAGACAGTCTGAAACTGACAGTATCTCAACATGGACCAATAAAACAAATCCAGAAATAAACAGTTGGTTATATTATGAAACTGATACAATGACAGTTTGGACCCAGCCAGAAAGTCCAGGAATAAATACTTGGACACCAGCTATTGCTTATGCAGCTCCACCATGGACTCAGGCTGATTTTTTAGCTGCAAATCCCTGGACAGAGGTTGAAAGTGATACAATCACACCATGGACTCAGGTTGAACCTTTAATGAATCCTCGGTCAGAGAGTGTAGCTTCCACAGTCATACCATGGACCAAGGCTGAATCTCTAGCAGTAAATTCATGGATACAATTTGCAGCTGATGTAGATACACTATGGACCCAGACTGATTCTCTAGCAGTAAATCCCTGGATATATCCTGCATCTGATGATGTTATACAGTGGATTCAAACTGAACTTCCAACAGAATATCAATGGATTCAGAATATGTCTGATATAGTAACATCAATTACTCAGGCTGAATTTCCTTCAGTAGAGACTTGGACAGATCCTCTGGCAGATATAGTAACAAGGTGGAATCAGACTGAATCTCCAATAATAAATCCATGGTCAGAAGCTGTAGTTTCTACAATGACACCATGGACTCAAGTTGAATATCCAGAACTAAATACCTGGATAAATTCTATAGCTTCCACAGTCACACAGATGACTCAGCCTAAATACCCAGTAATGAAGCCTCAGAGACAGCCCATATCTGGTACAGCCACACCATTGAACCAAACAGAATCACCTATAGTAAGTCCCAGGACACAACATGAAACTGATGTAATCACACAGAGGACTCAGACTGAATCTGAAAGAATTAATCCTTGGATACAAGTTGTAACAGACACAATCATACGCTGGACTCAGGCTGAATCTCCAGCAGTCAATTCCTGGACAGAGGCTGTTGCAGATACAGTAATACCATTGAATCAGACTGAATATCCTTCAGTAAATCCCTGGGCAATGCTTGCAACTGATACTTTTACACTTTGTACCCAGGCAAATTCTTCCATCATCAATTTTTTGACACAGTTCATAGTTCATACACTCACACCCTCCACCCAGACTATGCCTGTAGCAGTAAATCCCTTGTCACAGTTTGAAACAGATAGAGTCACACAATGGATCCAAGCTCAATTTGCTTCAGTAAACCCCTGGACTCCATCTGAAATCAACCCAATTATAGCATGGACCTATGCTAGATATTCAACCTTAAACCCCTGGACACAATTTGAAGCTGACATATTCACATTATGGACCCAGGCTGAGTCTCCAGCAATAAATATAGCTTTATCTAGGTCAGTGAAGCCATGGATCCAGGTTGAATCTCCTGCAACAGGTCCCTTAACAACAGCCATAGCTGGTGAAATCACACCATGGATCAAGGCTATATCTCCTGCAGTTAATCCCTGGACAAAATCTAAATATGACATAGTTCCACTGTTGATCCAGGATATAACTCCAGCAGTAATTCCCTCAACAGTCTCTGTAATTGATACAATCACCCTGTGGGACATGGCTAAAATTATATTACCAAGGCCTTGGCCACAGCCTGTGACAGAAACAGTCACACACTGGATCCAAAGTGAGTTTTCCTTGGTATATAACTTCACACGACCTATAACTGATGTAACCACATTGTTTACTCATGTTTTTACTCCAGAAGTAAATCCCTGGTCAAGGCCTAAAGCTGATACTGTCAAACAATGGATCGAGGTTAAATCTCCAAAGGAAAAGGCCTGGAAAGTGGCAGGTTCTGAAACACTCACACCATTGACCACAGGATTCTCTACAACAGTTAAAGTCTGGATAGACACTGTGTCTGATATATTCACACCAGGAACCAAGTACACATTTTCAAAATTAAACCTTGGAATAATGCCCGAGGATGGTATCATTGAACCATGGACTCAGTCTGAATCTCTATCAGGAATTCCCTGGACACAACCCGCAGCTGATTCAGATACAAAGCAGATACAGACTAAATACCCATTAGTAAATCTGTGGACTCAGGCTCAGTTCCCAGCAGTAAATCCCTGGACACAGTCCCAGTCACTACCGATAAATATTTTTACAAAATCCAAAACTCTAGGCATAAATCTATCAATACAACCTGAAACTACTACAGTCACGTTATGGAGTCAGGTTGACTCTCCACCAGTAAATCACTGGATAAAACCTGTATCTTCCACAGTCATACCATGGACACAGGCTGAATATTCAGCAGTACATCCATTGATGTGGTCAGCAGCGAATGCAGTCACATGGTGGACCCAAAGTGAATCTCCTGCATTGTATTCCTGGACAAAGTCTACAGTAGATACAGCCACAAAGTGGGCTATGGGTGCATCTCCAGTGTCAAATTACCAGACACAACGATTAGCTTACACAATCCCATTTGGGGTCAAATATGGAACATCAAGGATAAATCCTTGGATGCATTCTAATTTTGAGCCATTTCCATCAACACAAGTAGAATCTTCAGCAAATAAACATGGGATACATATAGAAAATTATAGAGTTATAACAATGCCCCAAATTGAACCAAGTAAAGTGAATCTCAGGCCAGAGCCTATACATATAGGAAGAAAATGGACTAAATCTCAGTTTTCCATAATTCGTTTGACAGGGACTGTGTCTTTCACAACCCGATCATGGACAAAGGCTGAAAGTTCAACTGCAAATACATGGAGAGAGACTGAGTCTTTAACATCACCAACATTGACTCAAGCTATAAAGCTATCCTTTAAAGAGGATTTTATAGGCCTTTTTATAGGCCCAACATGGACACAGGCTGAAAATACAGATGTAAATACCTCAAGAAAAGCTGTTTCTTTTACAGCCCCACCATGGACACAGGCTGAAAGTCCAGATGTAAATATCTGGAGAGAGACTGTATCTTTCACAGATCCCCCATGGACTCAAGTTAAAGGTCCAGCTATAAACAACTATAGAGAGATGTTGACTTTCACAGCCCCACTGTGGACACAGGATGAGGATCCAGCTGTAAATACCTGGAGGGTAACTGTGCTTTTAACAGGCCCACCTTGGACTCAGGCTGAAAGTACAGCTGTAAATGCTTTAAGAGAGACTGTGTCTTTCATAGTCCCACCGTGGATACAGGCTGAAGGTCCAACTTTAAATAACTGGAGGGAGACTGTGCCTTTCACAGGTCCACCTTGGACTCAGGCTGAAAGTACAGCTATGCATATTTGGAGAGAGACTGTGCCTTTCACAGCCCCACCATGGACTTCAGACAAAGGTTCAGCTATAAACAACTGGAGAGAGATGTTGCCTTTCACAGTCCCACTGTGGACACAGGCTGAGGGTCCAGCTGTAAATACCTGGAGTGAGACTGTCCCTTTTACAGTCCCAACATGGACTCTGGCTGAAAGGCCAGCTGTAAATTCCTGGAGAGAGAGTGTGCCTTTTACAGTCCCACCATGGACTCAGGATGAAAGTCCAGGTGTAATTACCTGGGGAGAGACTGTCCCATTCAATGCCCCACCAAGGACACAGTTTGAAAGCCCAGATGTAAACACCTGGAGAGAGACTGTGCTTTTCACAGCCCCTTCATGGACTTGGACAGAACGTCCAGCTGTAAATTCCAGGAGAGAGACTGTGCCTTCTACAGTCCTATCTTGGACTCAGGATGAAAGTCCAGATGTAAACACCTGGAGAGAGACTGCCCCTTTCACAGTCCCAACATGGACTCTGGCTGAAAGACCAGTTGTAAAATCCTGGAGAGAGAATGTACCATTCACAACCCCACCATGGACACAGAGTAAAGGTCCAAATGTAAATACCTGGAGAGAAACTCTGCCTTTCACAGGTCCACCCTGGACTCATGCTGAAAGTGCAGCTATAAATAGTTGGAGAGAGACTGTGCCTTTCCCAGTCCCACTATGGACTCTAGATAAAGGCCCAGCTGTAAATAACTGGAAAGATGTGTTGACTGCCACAGCGCCACCATGTAAACAGTCTGAAGGTCCAGTTGTAAATTCCTGGAGAGAAACTGTGCCTTTTACAGTCCCACAACGGACTCAGGATGAAAGTCCAGGTGCAATTACCTGGGGAGAGACTGTAACACTCAGAGCCCCACCAAGAACAGACATTGAAAGTCCAGATGTAAACACCTGGAGAGAGACTGTGCCTTTCCCAGCCCTACCATGGACACAGGCTGAAGGTCCAGCTGTAAATTCCTGGAGAAAGATTATGCCTTTTATAGTCCCACTGTGCACACAGGATGAAAGTCCAGGTTTAATTACCTGGGGAGAGACTGTCCCTTTGAGAGCCCCACCAAGGACACAGGCAGAAGGTCCAGATGTAAATACACAGAGAGTTACTGTGCCTTTTACAGGTCATCCTTGGGCTCAGGCTGAAAGTGCAGCTGTGCATACTGGGAGAGATACTGTGCCTTTCACAGCCTCACCATGGACTCAAGATGAAGACCCAGATGTAAATAGCTTCAGTGAGATGTTGAGATTCTCAGCACCATCATGGGCCCAGGCTAAAGGTTCAGCTTTAAATAATTGGAGGGAGATTTTACCTTTAATAAGCTTACCTTGGACTCAGGATGAAAATCCAGCTGTAAATACATGGAGAGAGACTGTGCCATTCATAGAGCCACCATGGACTCAGGCTGAACGTTCTGTTGCAAATAGCTGGGGAGAGACTGTGCCTTTCTCAGCTCAGCTATATATTCAGTCTGAAAGTCTAGCTGTTAAGAACTGGAGAGAGATGTTTCCTTTCACAGCCCCACCATGGACTCAGGATAAAAGTCCAGCTGTAAACACCTGGAGAGAGATGTTCCCTTTCACAGCTGCACCATGGACTCAGGATGAAAGTCCAGCCATAAATACCTGGAAAGAAACTGTGCCTTTCTCAGATTTACCATGGACTCAGGCTGAAAGGCCAGCTGTAAACACCTGGAGAGATACTGTGCCTTTCACATCCCCACCATGGACTCAGGCAGAAAGTCCAGCTGTAAACACCTGGAGAGAGATGTCTCCTTTCACAGCTGCACCATGGACTCAGGATGAAAGTCCAGCTGTAAACACCTGGAGAGAAACTGTGCCTTTCTCAGCTCTACCATGGACTCAGGATGAAAGTCCACCTGTAAACACCTGGAGAGAAACTGTGCTTTTCTCAGCTCTACCATGGACTCAGGCTGAAAGTCCAGTTGTAAATGCATGGACATGGAATGCCCCTTTTACAGCTCCACCATGGTCACACACTGAAAGTCCAGCTGTAAATACCTGGACAGAGGCCTGGATTTTCACAGCCCCTCCATGGATTCAGGCTGAAAATCCAGCTACAAATACCTGGAAAGTGAATGTGCATTACAAAGGGCCACCATGGACTCAGTCTGACTCTGCACCAGCAAACCCTTGGACATCAACTGAAAGTTTCACAATCGCATCATGGACTCATGGTGTAAAGCAAGTTTTAAATATTTGGACAGAGCCAATAGTTTCCACAGTCACACTATGGACTCAGGCTGAATATTCAACACCAAAATATTGGACAGATACAAAGGTCATTTACATAGTCACACAATTGACCCAGTGTCAGTTTCCAATAAATACTTTGACAGAATCTATAGGAGGCATAATCACACCTTGGACATCTGCTGAATCTCTAGCATTAAGTTCTTTCACACAAAATATTGTTGATACAGTCAAATTTTGGCCAGTGCTTAAAACTGAATCTAAGAAAAGGTGGAATCTGCCTCAAAGTGGTACACTCATGTTTTCACTAAATCCTCAAATTGATACTTTTGGATCCTTGAACCAAATTGAAAACCAAGACTCTCCTCTGTGGACACATCCTGAAATTGATAATGTCAATACAATGACCTTTCTTGAACCTGGAACACTCATATCACAGGTAGTACCTTTGTCCCAAGCAGCTAGATTCTGGCCCCAAACTGAAGCTGATATTAGCAAAACTTGGTTTGTATCCTCTGAAAAAATAAATTCCTGTGCCCAATCAGAGTCTCAAAGAATGAGTACCTCAACCCATTTTGGAGTGGGTAGAGTGAAGCCCTTGGCCCAACATGAAACTTCTAGAGTCATGTCATTTCTTCAGGTTGAAATTGGTATAGTCCGCCCTTGGAACCAGCCTGAGGGAGATACAGTGAGGTTCTGGCCACTTTCTGAAACTGAGGATGTAAGAAAATGGATCCAAACTGGAGCCAGTATAGTCAACTCTTGGACTCAGCCGAGAAGTAGTATAGTCAGAGCTTGGACCCAAGTTGAATCTGAACTAGTCAGACCTTGGACACAATCTAAAACTAATGCAATTACACTATTGACCCAGGCTGATACTTTCACACCTTGGTTCCAAACTCAAATTAATGCAATAAGAGAAGGGCCCCAAACTCAATCTCAAATAGTTACTACTTGGATCCAAACACAGTTGAAAATAGTTCATCCCTGGATTCAACCTAAAAGTGATTCAATCAGAATTTGGATCCAGCCTTGGATTCAAGCTGAAACCCACACAGTCGGACTCTATTATGAAAGTGATATAAGAAAATCATTAACCTCATCTGAATCTCAGGCAGTCACATTTTGGTCACTGAATCAAAATTCAGTTATGACTTCATTTAACTTGGAATCTCAGATAACATGTTCCTGGGTCCAAAATGAATTTAACACAATCAGTCCTTGGAATCAATATGAAACTAATTCTGTTGGATCCTGGATCAAGTCTGAAACTGGTACATGTCAACCCTGGCTCCATACTGAATCTTCTACAATCTTACCATGGACCCAATATGAAACTTTAGAGATCTACCCTTCAAACCAACCTGAGACTGATACATCAATAGCGCACTTGTTCCAGCCCGAAATCGATCCAATTAATACTTGGAATCAGCCTGAAGTAGATACAATCAGATTCTGGACCCAAGTTGCAACAGAAATAATTCCAGTTTGGACCCAGATTGGAAATCAGGTGCTTGAACCTCCCAACTTTTCTGAAGCTGGCATAGACATACCTTGGTTACAAACTAAAACTGATGTAAGTAGACCCTGGATTCAACCTGACTTTCAGTCAGTCCATCCTTGGACCCAGTCTGGATTTGATATAATTAACCTCTGGTCTCACCCAAAAGCTGCTGTAAATCAACCCTGGACATATGTTCAAACACAGGCAATCGGACCCAGGATCAAGGTGGAAGCCAATACAATCAAATCATTGTTTCATGTCCAAGTGAAAAAAGTCAGACTGGGGATTCCTTCTGAGTCTCAAATATTGAGTTTCTGGATGCAGCCTGACATTAGTAGAGTTAATGCTTGGATCCAACCAGCAACCCAGGCAGTCAATCCTGCGTTTCACCCTAAAACTGGTAATGTTGCATCCCTGGCTATTCATAAACCTGAAACAGTCAGAATATGGATCCAGCCTGAAACAGAAGTAAGGCCTGGCATCATTTATAAAGCTGATATAATCACATCATTTGCTTCTCCTGAAGTTGAACAAGATGCAGCAATTAGTCACTTTGATTCCTGGTCTAACTATGTAACATTTTTACCAATAGAAACTGTTCCTTCCCTACATGAGTATTTTGCAGCTTTGTCAACTGAAATAGCTGCAGTAGAAAGTCAAGGTCAAACAAATTCTGTCCAACCCAGTGAAATCACAAATATTCTCTATCTTACACTTTCAAGCACACGACTTCCTGGAGGAGCTGGTTACCTGAACTTTGGCAATGAATTACAAATTACCAAAACAAAAGGAAGCCCTGATGTCCCATCTAGTTCTCTCAACCCACTTTATCCATCTTTTTCCTTTCCTGTTCCTTGTTTTTTCCCACCTTCATGTTCTTTGCCCCTTACCTGTTCAGTCTTTTCTTCTTGCACATTTTCTTCACCCTGTACTTTTCTTTCTTGCTCAATTTGTCCTCTTATGGCCTTCTCTCCTGTTCTTCCCTTACCTGCTTCTGACAGTTCTTTCCAGAAACCATCTTCCTCAAAATTTACTGTAGACACCATTCTTTCCCATACTTTTTCATCCTTGCATGCTGCTCCAGCCAATCTTTTAACAAAGCAACCATCTCTGATGCCTGGATCTCAATCTGGAACCAAGTCTAATCAGCCTGAACAAGATCTTCTTAAGTATTCTGAACTCAATATTTCCCTTGCTGAGTGTCGTCTGGGTGTGGTCTGGAAAGAGAGTCTCCAGGCTTTCTCACTCTTCAAGACAGCTGTTATTTCTCATGAAGTTACAGAGTGTGGATTACGCCCTGGCCTTGTTCCACACTGTCCCAACTGCTGGGAGGCTGAAGTGGGTGAATTCCCTTGGATGGTTTCTGTGCAACTCTCTTTCTCCCATTTCTGTGCTGGTTCTATCCTGAATGAACAGTGGATTCTCACTACAGCTAGATGTGCAAATTTCATAAAAAACTCAGAAGCAGTGGCCCATGTTCAGGTGGGGTTTATTGATTTTCAAGATCCTGCTCAAGCTCAAACTGTAGGCATTCATCGTGCCATGCCCTACCTGGGTCCTAGAGGACCGCTGGGACCTGGTCTAGTCTTCTTGAAGAAACCATTACATTTTCAACCTCTGGTTCTTCCTATCTGCCTGGAGGAGAACATAGAGCAAGAGAAAAATATACAACTATATGACTGCTGGCTACCCAGCTGGTCCCTCATGAGAGGAAGTCCTGGAATTTTGCAAAAAAGGCACCTGAGCATCCTGCAAGTCATCACATGTGCCCAGTTTTGGCCCAAACTGAATGAATTTACTTTCTGTGTGGAAGCCAAGAAAGCTATGGGGGAGGCTGGCTGTAAGGGTGATCTGGGGGCACCTCTTGTGTGTCATCTTCAACAAAAAGACATTTGGGTGCAGGTGGGAATCTTGACTCACTTTGATGAACACTGCACAAAGCCCTACGTCTTCAGCCAAGTGAGCCCTTTCCTTTACTGGCTCCAGGGAGTTACACGACCCAGCCATGCACCCTGGTCTAAGCAAGGGCCTATGACCACCTCTGCTTCCATCTCCCTTTCAGTCTCTACCTCTATGAATGCCTCAGCTTTTACCTCCACACCTGCTTCTGTCTGGCCACATTTCATCTCTCTACCACAGCCTCAGACTTTGGCAGATCAAATTTCTCTGAGATATGCCATGCCTTGGCAGGCCATGATCATCAGTTGCAGTAGTCAAATTTGCAGTGGTTCCATTGTTAGCAGCTCTTGGGTACTCACTGCGGCCCACTGTGTCAGGAATATGAAACCAGAGGACACAGCTGTAATATTAGGCCCGAGGCACCCTGGGGCACCTCTAAGAATTGTTAAGGTCTCTACCATTCTTCTGCATGAGAGATTCCGATTAGTGAGTGGGGCAGCAAGAAATGATCTAGCATTGCTGCTCCTTCAAGAGGTCCAGACTCCCATTCAGCTTTTAGCACCATTGGGTCATCTGAAGAATCTGAACAGCTCAGAATGTTGGCTCTCTGGGCCACGAATTCTTAAGCCAGGAGAAACAGATGAAAATCCAGAAATGTTACAGATGCAGGTGATAGAAGCTTCAAATTGTGCCCACCTTTACCCTGATATAGGCAGTTCTATTGTGTGCTTCATTACACAAGACAAAGACTCTGACACAAGTGTGGAACCAGTGAGTCCAGGCAGTGCTGTCATGTGCAGACCAATGTCTAGGAATGGAAGCTGGAGACAGATAGGCCTCACTAGTTTGAAGGCACTGGCTACCATTGTAAGCCCCCACTTCTCATGGATATTATCCACTTCAGCAAAGGCAGGGCATCCATTAAACCATGCACTCATGCCTTGGATGGAAAAGCCTAAGTCCTCTAGTCTCATAAAACAGGCAACCACCCTGCCATTTTCTTCAATAATAATTTTTATACTGCAAAGAATTTTATAACTCACTACAAATATAAGGCAGGGCTAATCTATTCAAACTATAAGTAATAAAAATGTTAAACAACATTAAAGAAAATTAAGACCCTGTATAACCTAG

>Tasmanian Devil, Sarcophilus harrisii (BK059513)

TGACCCCCCGGCGAGCAGCTTACACTGTGACTCCCTGGGCTCGCTCTCACATCCCACGGCCATCTGGATCCCAGCCTCATCTGGCAGCTGATGCGGGCAAACCCCAAACGCCGGCAACTGTCAGATCTCAGACTCACTCGGCAACTGATGTTCTCGGAGCCTGGCTTCTTCCGTTCCAGACGGTTCCGGCTGTTCTCAAGTCCAACACATTTGGAGCCCGGGATCAGCTGGCATATGCTCAAACCGGACCCTGGATGGCCCCCGACTCAGAAGTGGCCCCAGAAACAGTGGGGCCTTGGGTTCTCCAGACGCCAGCAGCTGGCCAACTGCCCGGGTGGGCTCCTGGTGGGGCTGGGCCCTGGGCTCTGGCTGACACAGAAGTACCTGGTCCTTGGCCTCAGCACGCAGCTGAGCCCCAGTCAGAGGGCAGTCCAGGAGCCCGCCTTGCTGCACCCCTGCCCCAGCCAGTGGCTGAAGCAGCTGGGTTTTGGACCGTTCCGGCCCCAATCGTCAAAGCCATCGTCCCCTGGCCTGGACCCGTGAGCGAGATGGCCTCTGAAGCCATCGTCCCCTGGGCCGGCCCAGCTCCCGCTATGGTACAGGGACTAGATCTGAGGAACTTGCCAGGAACTGCCAGCGGTGACCGCCTTCCGCCTTCCCTGGCTCTGTTCTCCGGCTCCCTCACCTACCCGGGCCCATTCCTCTCCCCAGTGTTGCCCCCTTCGTCCCAGTCAGTGCCCCCAGCCCCTGCTCACTCACAGCCTCCTCTCTTTTCCGGAGCTCTACAGGCATTGGCCTGGGGAACCTCGGGCCCATCGGTGCCCAAATCCCAGCCCGATGGCGACTCCTCAGGGGCCGGCCCTTCCAGCACTGAGGGCCGACTGGCCCCTTCGTCCTTTCCAACCTCCTCTGCTCCCTCCCCCTTTCCCTCCTCGGCCCGTCTCTCCTCTCCGGCGGAACCCTCTAGGTCCAGGAGCCCTGTGCCCGACCACCATCGGATGCAGCAGGAGCAACCCCTCAGGGTCACCTTGGACCAGTGTCGCTTGGGCCTGGGCTGGAGGAGCAGTTTCCAAGCCTATTGGCTCTTCCAGACGGCCTTGTCCTCTGAGCAGGAGCTAGACGAGTGCGGCATGCGTCCGGGCTTCGCGGCTCGGTGCCCCACCTGCTGGGAGGCCGAGGAAGGCGAGTTCCCCTGGGTGGTCTCCTTGCAGTTCTCCCTGTCCCACTTCTGTTCGGGCTCCATCCTGAATGAATGGTGGGTCCTGACCACCGCCAGCTGCGCCAACTTCATACGGAATTCAGAAACCCTGGCCCAGGTCCAGGCCGGCGTCACCGACTTGGAAGACCAAGTTCGGGCCCAGCTCGTGGGCATCCACCGGGTCTTGCCGTACTTTGGGCTCGAAGGGCCCACGGGCTTGGGCCTGATCCTGCTCAAGGAGCCCTTGCGCTTCCAGCCCCGAGCGCTGGCCGTGTGCCTCGAGGAGCCCTCCAAGAGGCCGCCAATACAGCCTCGGCGGAACCTCTACGACTGCTGGGTCCCCGGCTGGACCCTGATNNNNNGCAACCTGGTGACTATGCAGAAGCGGCCACTGGACATGGTGGAGGTCAGCAACTGTGCCCGCTTCTGGCCCATTGAGAGCTCCATGACCTTCTGTGTGGAGGCCAAGAAGGTGACGGGCCAGAGCAGCTGCAAGGGAGACCTGGGAGCCCCGCTGATGTGCCGCTCAAAGCCACACCCAGAGGACACCCCTTGGATCCAGATGGGGGTCCTCACCGCTTTTGACGAGACCTGCACTCGGCCCTATGTCTTCAGCCGCATCCACCCCTTCAGCCTTTGGCTCAGGGCCTCCACGAAATCTCAGCACCCCCCCTGGGTCCGGACTGCCCCCAGGCCCACCCTGTCTTCCCTGCTCCAACCTGAAGCCCTGGTGAATCGGATTTCTCTGCGCTTTGCCATGCCCTGGCAAGCACTGATCGTGACCTGTGACAGCAGACTTTGTGGCGGATCCATCCTCAGCCCTTCTTGGATCCTCACCTCAGCCCACTGTATCCGGCACATGAGGACAGAGAATATGGCGGTATTTCTGGGGCTGCCCCAGCCCGGGGGCAACATGACCGTCGCCCGCGTCTCCAGCGGGGTCCTGCATGAGCGCTACCAGTTTGCGGATGGGGTCCCCTGGAATGACCTGGCCCTCCTCCTCCTGCAGAAGCCCCTGGGTTCCAGCCAGCTATTGGCCCCCATCAGCCACGTGGATGATGTGAACAAAGCTGAGTGCTGGGTCACAGGGCCCCGAGAACTCCGAGAGGGTGAAACAGACCAGAGCCCACAAGCCCTGCACGTTCAGGTGAAGGATGCTCGGTCCTGTGCCCGCCACCTCCCTGGCAGCATCAGGAACTCGGTGCTATGCCTGGCTCCCTGGGGGCCAGAATACCAAGTGGCTTTGGATCTCATGGGTCCAGGCAGTGCCCTGTTGTGCCACTCACGGGGTAAGAATGGAACCTGGAGGCAGACTGGGCTCACCAGCATCAGATCTCTTACCTTCCTCCTGGCTCCTTACTTCCCATGGATCTCCAAGACTACTTCTGCCCAGGCCGACCACATCTGGCTCAATCAGTCAGTGGGCAAGCCCGTGTCTGCCACGTCTGCAGCAGTGGCAGAGCCCAGGGGCCTTCTGGGCCTCACCTTACTCTTGACCCTATGGCTGCAGTTCCTGAGAGCATAGGACCGTTTCCCCACACCGACTACTGCACCCATCCAGCCGTACCCCTGCAGCCTCACCCTGGTCCAAGCCTCCATGGGGTTCAGCCTCTCTACAGCCCAAGGGGAGAAGACCATTCCCCTGTCCTCCCTTATCTTCTCCTTCCAATATCTATGAGAGGCTCCTTCTACCAAGAGAGCAAGATCAAGGCTGTACCAGAGACATACCAGGAGGGAACCCCGAGTGTATTTTGATGACCCCCTTTCCCCTACCAAAAATAAAGCCACACCCTCTGTGAAACATCTGATTTCTTGTGTGCTGGTTCCAAGGTCACATTGAGCAATTTCTGGTGCCCAAGAACTCGGTCTGTGAAGGGCAGAGAGCCACACAAACACACCCATCACCCTCAATAACAGCCCTCCACAGTCATCAAAAACCTTTTCGAGGCTAAATTGAACAGCCTCTTCTC

>Dog, Canis lupus familiaris (BK059504)

AACTTCTGGTCACATGGCAGACCCAGGGTAGATATCCAGCATTAAATCCATGGATACAGTCAGAAGCTGACACATTTACATCATGGTCTCAGGCTGAGTCTCCAGCAGTAAATCCACAGGCACAGACTGAAAGTGACACAATCACAACATGGACCCAGGCTAAATCTCCTGCAGCATATCTCTGGACACAGCCTGAAAATGTCACGGTCACACTGTGGATCCAGGCTGAATCTCTTGTAGTAAATCCCTGGACACAGCATGAAAATAACACAGGCACACAATGGACCCAGAATCAATCTTCAGAAGAAAACACCTGGGCAGAGGCTGTTTCTGAAACTGTCATACCATGGAAAATGGGATTTTTTCCAAATATGAAACCGTGGATAGAGATGATATCTGATATAGTTACTAAATCTCAATTTTCTGAAGTAAAATTTTGTACAGTGCCAGGGTCCAAATTGGACACTGATGTAAGTACAGTAAAAAAGTGGACTCGGTCTGAATCTCCACCCTTAATTCCCTGGACAGAACCTCTAGCTTCCATAGTACCACTATGGACTGAATCTCTAGCTATAAATCACTGGACGCAGCCTATACCTGATACAATAACAAAATGGACACAGACTGAATCTCCATCAGTAAATACCATTCAATTTCCAGCAGTAAATCCATGGACACAGTCTGAATTACCAAGAGTACATTTCTTGACAGAGTACAAATCTCCAGCCCTAAAACCATCAATTGAGCCCGAGGCTAGTATAGTTACATTGTTGACTCAGACTGAATCTCCAGCAGTAAATCCATGGATAGAGCCTGTTGCTTCCATAGTCATGCCATGGATACAAGCTGAACACCCAACAATAACCCCAATGACACAGGCTGTAGCTGAAACAATTATCCTGTGGACTCAGAATGAAAATCTAGCATTAAATCCCTGGACAAAGTCTGTTGCAGATACAGTCACACTTTTGACCCTGGATGAATATTCAAGAGCAAAACTTTGGACACCTATATTAGATTCCTCAAATATATTTTGGGCCCAAGCCAAAAATTCAGCAATAAATCCTTGGTCTGATTTTGAAATACCCTCACCATTGACCCAATTACAATCTGTAGTGGTTAAACCATGGACACAATTTGAGAGTGACACAGTCACACCATTAATGAAGGTTCAGGATCTTGCTGTAAATCCCTGGTCAGAGATTATTGCTTCCAGAGTCACAACACAGACTCAGTCTGTATCTCCAGCAGTAAACCCCTGGATGGAAGTTGATGCAACCAGACTCCCATCATGGACCCAAACTGCAACTCCGGCAGTAACAACCTGGACAGAGGCTGATGTATCCAGAGTACTGCCATGGACCCAGTCTCTACCTCCAGTAGTAAATCCATGGACAGAGGTTTATGCATCCAGAATCACACCATGGACCCAAGCAGTAGCTCCAACAGTAAATCCCCAGACAGAGACTGTCAGTTCCAGATTCATGCCATGGACCCAGGCTGTCCCTCCAGCAGTAAATCTGTGGACAGAAACTAATGCATCCAGAGCTATACCATGGACACAGGATGTATCTCCATCAGTAAATCCCTGGACAGAGGCTGTCAGTTCCAGATTCATGGCATGGATTCCAACTGTACCTCTAGCAGTAAATTCCTGGACAGAGGCTGTTGGCTCCAGATTCATGCCATGGACCCAAGCTGTACCTCCAGCAGGAAATCCCTGGACAGAGACTGTTGGTTCTAGATTCATGCAATGGACCCAAGATATACCTCCAGCAGTAAATCCAGGGACAGAGGTTGTTGGTTCCAGATTCATGACATGGACTCAACCTGTAATTCCAGCAATAAATCCAGGGACAGAGATTGTTGGTTCCAGATTAATGACATGGACCCAAGCTGTACCTCCAGCAGGAAATCCCTGGACAGAGACTGTTGGTTCTAGATTCATGCAATGGACCCAAGATATACTTCCAGCAGTAAATTCCTGGGCAGAGGCTATTAGTTCCAGATTCATGACATGGACTCAACCTGTAATTCCAGCAGTAAATCCAGGGACAGAGGTTGTTGGTTCCAGATTCATGACATGGATTCAATCTCTAATTACAGCAGTAAATCCCTGGACAGAGGCTGATACATCCAGATTCATGCCATGGACCCAAGCTGTACCTCCAGGAGTAAATCCCTGGGCAGAGGTAAATGCATCCAGAGTCCTGCCATGGACCCAAGCTGTCTTTCTGGAAGGAAATCCCTGGACAGAGGCTGATGCATCCAGAGTCCCAGCATGGATGCATGTTGTACCTCTAGCAGTAAATCCATGGACAGAGGCTGTCAGTTCAAGAGACATGCTATGGAACCAACCTGTACTTCCAGCAGTAAAACCCCAGACAGAGGCTGTAACTTCCAGAGTTTCACCATGGACACAAGCTATAACTCCACCAGTAAATACCTGGACAGAGGCTGTTGTATCCAAAGTCATAACAGGGAGTCAACCCGTACTTCCAGCTGGAAATCCCTGGACAGAGGATGATGTATCCAGAGTCATGCCATGGACCAAAGCTTTACATCCAGCAGGAAATCAGGCTGTTGGTTCCAGATTCATGCCATTGACCCGATATATACCTTCAGCATTAACTCCATGGACAGAGGCTGTCACTTTCAGAGTCTCACCATGGACCCAAATTGTACCTTTAGCAGTAAATCCCTGGACAGAGACAATAACTTCAACAGGCATGCCATGGACCCAACCTGTACCTCCAGCAGTAATTCCCTGGGCAGAAGCTGTACCTCCCAGAGTCCCGCCATGGACCAGAGCTGTATTTCCAGCAATAAATCCCTGGACAGAGGCTGATGCATCCAAGGTCATGCCATGGACCCAGTCTGAACCTCCAACATTAAATCCCTGGACAGATATTTATGCATCCAGAGTCATGCCATGGAATCCACCTGTACCTCCAGCAGTAAATCCCTGGACAGAGGCTGTTGGTTCCAGATTCATGCCATGGACCCAGGCTGTCCTTCCAGTAGTAAATCACTGGTCAGAGGCTGATGTATCCAGAGTTCCAGCATGGACCCAAGCTGTACTTCTAACTCTAAATCTCTGGACAGAGGCGGTGGGTTCCAGATTCATATCATGGACTCAAACAGCATCTCCAACAGTAAATCCCTGGACAGAGGCTGTTGGTTCCAGATTCATGCCATGGACCCAACCAGTAACTCCAGCAGTAACTCCCTGGACAGAGGCTGATGCATCCAGAGTCTTGCCACGGACCTTATCTGTACCTCTGGCTGTGAATCTCTTGACAAATGTTTCTGGTTCCAGATTCATGCCATGGACTCATCCTGTAACTCCAGCAGTAAATCTCTGGAAAGAGGATTTCAGTTCCAGATTGATGCCATGGAACCAAGCTGTACCTCCAGTGGTAAATCCCTGGACAGAGTCTGTCACTTCCAGAATCACACCATGGACTGAACCTGTAGCTCCAATAGTAAATCCTTGGTCAGAGGCTGTCGGTTCCAGATTCATGCCAAGGACCCAAACTGTACCTCCAGCAGGAAATCCCTGGATAGATGCTGGCACTTCCAGAGTCACTCCATGGACCCAAGCTGTACCAGCCACAGGATATCCTTGGACAGACACTGATGCATCCAGAATCACACCATTGAACCAAGCTGTAACTCTAGGAGTAAATCCCTGGGCAGAGCCTATTGCTTCCAAAGTCATACCATGGACACAAGGTATATCTTCAGCAGTAAATCCTTGGGCAGAGGATGTTCCTTCCAGAGTCATGCCATGGACCCAATCTGTACATCCAGGAGTAATTCCCTGGACAGAGACTGATGCATTCAGATTCATATGGAACCAAATTGTACCTCCACTAGTAAATTCTTGGTCAGAGGCTGATGTATCCAGAGTCATGCCATGGACCCAAGCTGTACCTCCAACAATAAATCCCTGGACAGAGGCTGATTCATCCAGAGGCATGCCATGGGCCCAATTGGTACCTCCAGCAGTAAATCCCTGGACAGAGGCTGATGCATCCAGAGTCATATCATGGACCCAAGTTATACCTCCTGCAGGAAATCCCTGGACAGAGGCTGTTAGTTCCAGATTCATGCCATGGACTCAACCTATACCTCAAGCAGTAAATTTCTGGACAGAAGTTGGTGCATCTAGGGTCCCACCATGGTCCCAACCTGTACCTCCAACAGTAAATCCTTGGACAGAGGGTGCTGCATCCAGAATCACTCCATGGAATCAAGGTGTAACTCTAGCAGTAAATCCCTGGACAGAGGCCATTGGTTCCAGATTCATGTCACTGACCCAACTTGTGCCTTCAGCAGTAAATGCCTGGACAGATACTGATATATCTAGATTCATGTCATGGATTCAACCTGTACCTACCTTAGTAAATCCCTGGATAGAAGCTGTTGGTTCCAAATTCGTGCCATGGACCCAACCAGTACATCCAACAGTAAATCCCTGGTCAGAGGCTGATGCATCCAGATTCATGCCATGGACCCAGCTTGTACCTCTAACAGTAAATCCCTGGTCAGAGGCTGATGCATCCAGATTCACGCCATGGACCCAACCTGTACCTCCAGCAGTAAACACCTGGACATATATGAATGTATCTAGAATCATTCCATGGTCCCAAGATGTGCCTTCAGCAGTTAATCCCTGGACAGATGCTGTTGCTTCCAGATTCAATCCATGGACCCAAACTGTATCTCCAGCAGTTAATCCCTGGACAGAGGCTATTGGTTCCAGATTCATGCCATGGACCCAACTTGTACCTCTACCAGCAAATCACTGGTCGGAGACTGATGCATCCAGAGTCATGGCATGGACTCAACCTTTATTTCTAGCAGTAAATCTCTGGAGAGAGACTGATGCATCCAGATTCACACCAAGGACCCAACCTGTACCTCCAGCAGTAAATCCCTGGACAGATCCCAATGGATCTAGAGTTATGCAATGGACCCAACCTCTACTTCCTGTA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>Echidna, Tachyglossus aculeatus (BK059516)

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>Elephant, Loxodonta africana

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ATGACTACTTCTGCTTCCATCTCCCTTTCAGTCTCTACCTCTACGAATGCGTCAGGTGTTACCTCCACTACTGCTTCTATTCGGCCACACTTCATCTCTCTGCCACAGCCTCAGACTTTGGCAGATCGGATTTCTCTGCGGTATGCCATGCCTTGGCAGGCCATGATCATTAGCTGTGGCAGTCAAATTTGTAGTGGTTCTATTGTTAGCAACTCTTGGGTTCTCACTGCTGCCCACTGTGTCAGGAATATGAATCCTGAAGACACTGCTGTAATACTGGGCCTGAGGCACCCTGGGGCACCTCTGAGAGTTGTTAAGGTATCTACTATTCTACTGCATGAAAGATTCCGGTTGGTGAGTGGGGCAGCAAGAAATGATCTAGCATTGCTGCTCCTTCAAGAAGTCCAGACTCCCATTCAGCTCTTGGCACCTTTGGGCCATATGAAAAACCTGAACAGCTCCGAATGCTGGCTTTCTGGGCCACGAATTCTTAAACCAGGGCAGACAGATGAGAACCCAGAAATGTTACAGATGCAGGTGACAGGAGCTTCAAGCTGTGCATACCTTTACCCTGATATAGGCAGTTCTTCTGTCTGCTTTATGACTGAGGCCAAAGGCTCTGTCACAAATGTGGAGCCAGTGAGTCCAGGCAGTGCTGTTATGTGCAGACCAATATCTGGCAATGGCAGCTGGAGACAAATAGGCCTCACAAGTCTGAAGGACCTAGCTACCATTGTGAGGCCATACTTCTCCTGGATATTAACCACCTCTGCAAAAGCTGGTCATCCCATAAACCAGGCCCTCATGCCTTGGATGGAAAAGCCCAAGTCAGCTGGACTTCTAAAACAGCCAAACACACTGTCATTTTCTTGTGTAATGATTATTGTACTTCAGAGTCTTTTGTAA

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AGCTATTCAACTAGAACCCTATCTTGCATTCAAATCCACTTGAGCCATGATGAGATCTCCATTTTGCTTCTACCAGTTTTGGGGGTTGTTTTTTCACTGCTGTGGTGTTCCCAATTCTCAAAAGCAGTGGTTAAGCTCATTGACCTCAACGATTGCCCCATTGACAGCGTCCAGCAACATCCCATGGTTAGTGTCTATGGCTGAAACCTGCCAGGGCATTATTCTGAGTCAGTGGTGGATCCTCTCCACAGTCAGCTGTCTGAGTAAACTGAAGCATTTGCACTCTGACATTTCAGGAGTCCTTGCCCAAGAAGATATCTTACTTGGCCATAAAATATGCCTGCACCCCAGTTTTGATCCACAAGTTAGAACAGATCCAGTCAAAGGATACATAGGGGTGATGCTCCTGCAGTACCCTATCAGGCGGGAAGAAATATCTCTTTATTCCACTTATAACATTTTCTGGAAGAGCTGTTATAACTGCCAATTCAGACACTGCAGAGTATACCAAGATCAGAACCACAATAACTTCGGAACCAATATCAAGAAGCTGTCAGTTAAGCTGCTGGACCTCTCATTCTGCCACCATCAACATATTCAGCTGACTAAAAGTAACAATTTGTGCATCTGGAGTCAGCCACAAGAAGACTGCTGGGTACAGCAGGGTAGTCCTGTTCTCTGCCTTTTTGGCAACCACTGGGAATTAGTAGGCCTGGTCAGTGAGTCCTCAATGGCCTGTTATGACCCTATTTTTGTCATCAAGACAGCCCCATATGTATCTTGGATGAGATGGCTTATCAAGGCAACCCAGAAGCCATTGGATCCTATTTTTCCCCCACCCTGCAGTTTTACTCCTGGGGTAGAACATGTTCCACAAGACAGGCTTAGCCTGAAAAGGGGCACTGCCATTTTGACTTCCCATGGATTTTCTATACAGTCATGGAAGAGAAGATTAGGTACTTTCCCACTAAATAGACAGCGCCGGAATCCTCCTCCAGTATTTTCGAATTCAAATAATAGAGAGGCTTTTCCTGGCAGTACACAGTTACACCTGCAAACTAGTCAGCTCTCCTCAACAAGACTGATACTATCTTGGACCTCTCCTCTTATCAAACAACAGGATCCTTCTTATATATCTGAGCCCTGGAATACCCCAAGAGCTGGTACTTCTGAAACTTGGGTACTTTCTGGACCCCCAAAGTCTCCAGCATCTGATAAATTTATACCCTGGGACCTTCCTCAGAAAGATACAATGAAATATCAATACCAAACTATAACCAATTCAGTAAACTGGGTTAATCCTTTAGCTGTTATAATTGGGATTCACACTCTAACATTAGTTAATTCTGCTATACCCTGGGTTTTGTTTCCAAGTGGCATACATGGATCCCAACTTCTTTCTGGGATTAATATTGTACAGTCTCAAGTTCAGTCTAGTAAGTTTCCTTTCCATGACCAACTTCTATCTAGAACCAGACTAGATATTACCTCTGACATCGCACCTGGGATACACTCTGCACCTGATAAAACAGAAACACTGAAGCAGATGCAGTCTAGTGAAGAGAATATTGGAAGCCAAATACACCATGTAGTTAATATAATTCACACTACTTTTAAACCAGTAACTTTTAATTTGCATGCATGGGTCCCTTTAAGAGTTAGTAAAAATGAATTCTGGACGCATTCCACACTAAATGCTGATGTATCTCAGTATCCTACAGTAACTCTTACCTTTGAACCATGGTTTCACTCAGTCTTAAATATGGATGGATTCCAAGAACTTACAGAAAAGACTAATAAATACTGGATTCTCCCTGACTCTAAGTCAGCTCAATTGTGGACTTCTTTAGCACTTAATATGCCCTTTACTTGGGTTCCATCTACAAGTAACACTATTAAGTCTTGGGCACAATATAAGAGCAGTCTGATCAAACCCTCGAGTCAAATAGAGAAAATAACTCCACTGAGTAAGCGTGAATCTATTATGGTTAAACCCCATATTCAAACTGCAGCTGCAACCTGGTTTTTGATACGTACTATTACAAATATAATTGAGCCTTTCATTGAGTCTAAAGCTGATACAGTCAGACCCTGGACTCAGCCTGGAGCTAACATAGTCCAAACCTGGACCCAGCCAGACACTCAAGCAAGAAAATCACTGACTCAGCTGAAAGTGAATATAAGTAGACCACGGATACAGACTAAAACTGAAAGAATCAGACCCTGGATTCAGCATAAGTTTCAAATACTCAAACCTCGAGCCCAGACTGAAAATAGTAAAGACAAACTTCAAACTCAGTCAGAAGCATATATAATTAGATCCATGATCCACACTGAAATTAAAACAGTCAGATTTTGGAACAAACCTAAAGTTGATACAGCCATATCATGGTTAAGGACTAGATCTAATCAAATAAAAGCAAGATCCCAGTCAGACTCTCAAACACGTTACCCTTGGACTCAGCCTGAAGCCGGCATAGTGAGACCATGGACTCAGTCTGAAGCTGACAGTATCCAGCAAGGGATGAAGCCTGAAGGATCAACATTCAGAATCTGGACACGGTCTAAAATTAATACAGTTACACCCTGGACAGGGCCGGAAGCTGATGCAGCTAGACTTTGGTTGCAAATACAAACCAATACAATCAGAACTTGGAGCCAACCTGAATTTCAAACAACCATTTCCTGGTCTGAGCTTGAAACTGATAGAGTCAGATCTATCAGTCAAATACATACATTCAAACCTTGGAGTGAGACAGAAATTCAAACATCCCACTCCTGGACTCAATCTGAAGGTGATATAGCCAGACTCTGGACTAAATCTGAGGCTGACAATGTCAGACATTGGTTCCAGACTCAAGTGGAGACAACCACAATGTGGACAGAGCCAGTAACCCAAACAATCCACCACTGGATACAGTCTAAAACAGAAATAGTCAGGCCCTGGAGCCAACCTGCGGCAGATAAGCTCAGAGCTTGGATACAACATGAAATTTATGCTGTCAGGCCCTGGGATGAGCTTGAAGGTAATAAAGTTAGATTCTGGACCCAGTCTGAATCTGACACAAGACCTTGGATTCAGCCAGATGTGGGTATAATAAATCCCGGGGCACAAAATGTTGCTGATACATCAACACCATGGGCATGGCCACAGGCTGAGACTCCAGAAGTTAATACATGGGCACAGTCTGAAACTGAAACAGTTATACTCTCGACCCAAGGAGAAGGTCCAGCAATAAATCATTGGACAGAGATGTTAGCTGATACTGTCACAACATGGGAAAAGGCTGAATTTTCAGGACAAAAGCTCTTGGAACATCCTTTGTCTCATACAGTCACACAGTGGACTCAGCCTAAACTGCTAGCTGCAAATCTCTGGATGCAGCCTGAAGATGATTTAATCACACAGTGGACCCAGGGCGAATCTTCAGAAATAAATTCCTCAACAAAAATTATAGCTGACACAGCCATGTGGACACAAGCTGAATCTCCAGCAATGAAGCCCTGGATACAGTCTGATAATGATACAGACATATTCTGGACCCAGGATGAGTCCCTAGAAATAAATCCTTGGACAAAGTCTGTGGCTGATACAGTCACACAATGGGCCCAGGGTGAACCTTCAGAAGTACTTCCTTGGGTGAAAATTGTAGATGATACACCATGGATGCAGCCTGAATTCCCAGAAGTAAACCCCTGGACACAGCCTGAAAATGATACAGTCATACTATGGATACAGGGTGACTCTCCAGAAGTAAACCCCTGGACACAGTCTGAAAGTGAAACAGTCATACCATGGATACAGGGTGAATCTCCAGAAGTAAACCCCTGGACACAGTCTGAAAGTGATATAGTCATACCATGGATACAAGGTGAATCTCCAGAAGTAATCCCCTGGAGACAGTCTGAGAGTGATACAGTCATACCACTGATGCAGGCTGAGTCTCCAGAAGTAAATCCCTGGATACAACCTGAAACTAACAGAGTCCTACTGTGGACTCAGGCTGAATCTCCAACAGTAAATCCTTGGATAGATGCTGTAGCTGGGACAGGCACACAGGGGACCCAAGCTAAATCTCTAGATGCAAATTTTTGGCCACAGCCTGTAGGTGATACACTCACACTGTGTACTCAGGATGTGTCTCCATCATTACATCTGTGGAAAAAGTCTGAAACTCATACACTTACAACATGGACTCTGACAGAATCTTTAGTAGAAAATTCCTGGAGACAGTATGAAATTTATGGTGTCTCAACATGGACCAAAAAAGGAAATCTAGAAGTAAACCCCTGTGTACAATTTGAGACTGACACAGTCACAATTTGGACCCAGGAAGAAACTCCAGGAGTAAATTTGTGGAAACAACCTACAGCTGATATAGTTCCACCATGGACTCTGACTGAATCTACAGAAGTAAATCCCTGGAGAGACACTGTATCCAATAGTGTTACACAGGGTGTGGAGGCTGACTCTCCAGCAATAAATCCCTGGACAGAGACTGTACCTGATAGTGTTATACAGTGGGCTGAGGCTGACTCTCCAGCAGTAAATCGCTGGACAGAGACTATACCTGATAGTGTTATACAGTGGGCTGAGGCTGACTCTCCAGCAGAAAATCCTTGGACAGACACTGTACTTGATAGTGTTATACAGTGGGCTGAGGCTGACACTCCAGCAGTAAATCCTTGGACAGAAACTGTACTTGATAGTCTTATACAGTGGGCTGAGGCTGACACTCCAGCAGTAAATCCCTGGACAGACACGGTATCTGATAGTGTTATACAGTGGGGTGAAGCTGACCCTCCAGCAATAAATCCTTGGACAGAGACTGTACCTGATAATGTTATACAATGGGCTGAGGCTGAATCTCCAGCAGTAAATCCTCAGACACAATCTATAGCTGATGTAGACATACTGTGGACCCTGGCTGATTCTACACAATTAAACTCCTGGACAGAGCCTGTATCTGATAGGGTAATACAGTGGACCCAGAGTGAACCTCCAACAGTACCTCAGTGGACAGAAGCTGTTTCAGATACAGTCACATCATTTACTAATGAAGAATTTCCTGAAGTAGAGACCTGGACAGACCCTTTTGATGATGTCACACTGTGGTCTCAGACTGAAACTCTAGTATTAAAACCCTGGACAGAGACAGTAGCTTCAACGGTTGCAACATTGACCCAGACAGAATCACCAGCAATAAATCCAATGACAGAAGCTGTATCTACCACAGTAATACCTTGGAATCAGGCTGAATCTACAACAATAAATCCCTGGATAGATGCTAGAGATTTACTTTTAACACTGTTGACACAAGGTCAGTCTTCACTAGTGAAAACCTGGACGGAGGCTTTAGCTTTCATAATCACACCACTGACTCAGGCTGAATCTCTAGCAATAAAGTCTGTGACTCAGGGTATATTTGATACAATCATACTGTGGAACCAAGCTGAATCACCTTTAGTACGTCCTTGGACACATTCTGAAACTGAAACACAATGGACTCAGGGTGAATCTCTAAAAGTAATTCCTTGGACACAATCTGTAGCTGTCACAGTCACACCATGGAATAGTGGTGAGTCCCCAGCAGTAAATCTCTGGACAGATGCTATAGGTAACACAGTAACAACAATGAATCTTGATGAAGAAATTGGTGCTGTCACACTCTGGACCCAGGCAAATTCTGATATCATAAATCTCTTGTCACAGACTATAGTTGATATCGTCACACTGTGGACCCAGGATGAATCTCTTGCAGTGAATCCCAGAACACATTTTGAAAGTGATACAGTCACAGCATTTACTCAGGATGAATCTGCTACAATAAATCCCTGGATCCAGCACAAAACTAATCTGGTCACATGGCAGACCCAGGGTAGATATCCAGCATTAAATCCATGGATACAGTCAGAAGCTGACACATTTACATCATGGTCTCAGGCTGAGTCTCCAGCAGTAAATCCATGGGCACAGACTGAAAGTGACACAATCACAACATGGACCCAGGCTGAATCTCCTGCAGCATATCTCTGGACACAGCCTGAAAATGTCACGGTCACACTGCGGATCCAGGCTGAATCTCTTGTAGTAAATCCCTGGACACAGCATGAAAATAACACAGGCACACCATGGACCCAGAATCAATCTTCAGAAGAAAACACCTGGGAAGAGGCTGTTTCTGAAACTGTCATACCATGGACAATGGGATTTTTTCCAAACATGAAACCATGGATAGAGATGATATCTGATATAGTTACACCTGGCACTAAATCTCAATTTTCTGAAGTAAAATTTTGGACAGTGCCAGGGTCCAAATTGGACACTGATGTAAGTACAGTAAAAAAGTGGACTCAGTCTGAATCTCCACCCTTAATTCCCTGGACAGAACCTATAGCTTCCATAGTACCACTATGGACTGAATCTCTAGCTGTAAATCACTGGACTCAGCCTATTCCTGATACAATAACAAAATGGACACAGACTGAATCTCCATCAGTAAATACCATTCAATTTCCAGCAGTAAATCCATGGACACAGTCTGAATTACCAGCAGTACATTTCTTGACAGAGTACAAATCTCCAGCCCTAAAACCATCAATTGAGCCTGAAGCTAGTATAGTTACATTGTTGACTCAGACTGAATCTCCAGCAGTAAATCCATGGATAGAGCCTGTTGCTTCCATAGTCATTCCATGGATACAAGCTGAACATCCAACAATAACCCCAATGACACAGGCTGTAGCTGAAACAATTATCCTGTGGACTCAGAATGAAAATCTAGCATTAAATCCCTGGACAAAGTCTGTTGCAGATACAGTCACATTTTTGACCCTGGATGAATATTCAAGAGCAAAACTTTGGACACCTATATTAGATTCCTCAAATATATTTTGGGCCCAAGCCAAAAATTCAGCAATAAATCCTTGGTCTGATTTTGAAATATCACCATTGACCCAATTACAATCTGTAGTGGTTAAACCATGGACACAATTTGAGAGTGACACAGTCACACCATTAATGCAGGTTCAGGATCTTGCTGTAAATCCCTGGTCAGAGATTATTGCTTCCAGAGTCACAACACAGACTCAGTCTGTATCTCCAGCAGTAAACCCCTGGATGGAAGTTGATGAAACCAGACTCCCATCATGGACCAAAACTGCAGCTCCGGCAGTAACAACCTGGACAGAGGCTGATGTATCCAGAGTACTGCCATGGACCCAGTCTCTACCTCCAGTAGTAAATCCATGGACAGAGGTTTATGCATCCAGAATCACACCATGGACCCAAGCAGTAGCTCCAACAGTAAATCCCCGGACAGAGACTGTCAGTTCCAGATTCATGCCATGGACCCAGGCTGTCCCTCCAGCAGTAAATCTGTGGACAGAAACTAATGCATCCAGAGTTATACCATGGACACAGGATATATCTCCATCAGTAAATCCCTGGACAGAGGCTGTTGGTTCCAGATTCATGGCATGGATTCCAACTGTACCTCTAGCAGTAAATCCCTGGACAGAGGCTGTTGGTTCCAGATTCATGCCATGGACCCAAGCTGTACCTCCAGCAGGAAATCCCTGGACAGAGGCTGTTGGTTCTAGATTCATGCAATGGACCCAAGATATACCTCCAGCAGTAAATTCCTGGGCAGAGGCTATTGGTTCCAGATTCATGACATGGACTCAACCTGTAATTCCAGCAGGAAATCCAGGGACAGAGGTTGTTGGTTCCAGATTCATGCCATGGACCCAAGCTGTACCTCCAGCAGGAAATCCCTGGACAGAGGCTGTTGGTTCTAGATTCATGCAATGGACCCAAGATATACCTCCAGCAGTAAATTCCTGGGCAGAGGCTATTGGTTCCAGATTCATGACATTGACTCAACCTGTAATTCCAGCAGTAAAACCAGGGACAGAGGTTGTTGGTTCCAGATTCATGACATGGATTCAATCTCTAATTACAGCAGTAAATCCCTGGACAGAGGCTGATACATCCAGATTCATGTCATGGACCCAAGCTGTACCTCCAGGAGTAAATCCCTGGGCAGAGGTAAATGCATCCAGAGTCCTGCCATGGACCCAAGCCGTCTTTCTGGAAGGAAATCCCTGGACAGAGGCTGATGCATTCAGAGTCCCAGCATGGATGCATGTAAATCCATGGACAGAGGCTGTCAGTTCAAGAGACATGCTATGGGACCAACCTGTACTTCCCGCAGTAAAACCACAGACAGAGGCTGTAACTTCCAGAGTCTCACCATGGACACAAGCTATAACTCCATCAGTAAATACCTGGACAGAGGCTATTGTATCCAGAGTCATAACAGGGAGTCAACCTATACTTCCAGCAGGAAATCCCTGGACAGAGGATGATGTATCCAGAGTCATGCCATGGACCAAAGCTTTACATCCAGCAGGAAATCACTGGACACAGGCTGTTGGTTCCAGATTCATGCCATTGACCCAATCTATACCTTTAGCATTAACTCCATGGACAGAGGCTGTCACTTTCAGAGTCTCACCATGGACCCAAATTGTACCTTTAGCAGTAAATCCCTGGACAGAGACCATAACTTCAACAGGCATGCCATGGACCCAACCTGTACCTCCAGCAGTAATTCCCTGGGCAGAAGCTGTACCTCCCAGAGTCCCGCCATGGACCAGAGCTGTATTTCCAGCAATAAATCCCTGGACAGAGGCTGTGGGTTCCAGATTCATATCATGGACTCAAACAGCATCTCCAATAGTAAATCCCTGGAAAGAGGCTGTTGGTTCCAGATTCATGCCATGGATCCAACCAGTAACTCCAGCAGTAACTCCCTGGACAGAGGCTGATGCATCCAGAGTCTTGCCACGGACCTTATCTGTACCTCTGGCTGTGAATCTCTTGACAAATGTTTCTGGTTCCAGATTCATGCCATGGACTCATCCTGGAACTCCAGCAGTAAATCTCTGGAAAGAGGCTTTCAGTTCCAGATTCATGCCATGGAACCAAGCTGTACCTCCAGTGGTAAATCCCTGGACAGAGTCTGTCACTTCCAGAATCACACCATGGACCAAACCTGTAGCTCCAGTAGTAAATCCTTGGTCAGAGGCTGTTGGTTCCAGATTCATGCCATGGACCCAAACTGTACCTCCAGCAGGAAATCCCTGGGTAGATGCTGGCACTTCCAGAGTCACTCCATGGACCCAAGCTGTACCAGCAACAGGATATCCTTGGACAGACACTGATGCATCCAGAATCACACCATTGAACCAAGCTGTAACTCTAGGACTAAATCCCTGGGCAGAGCCTATTGCGTCCAAAGTCATACCATGGACACAAGGTATATCTTCAGCAGTAAATCCGTGGGCAGAGGATATTCCTTCCAGAGTCATGCCATGGACCCAAGCTGTACTTCCAACAATAAATCCCTGGACAGAGGCTGATTCATCCAGAGGCATGCCATGGGCCCAATTGGTACCTCCAGCAGTAAATCCCTGGACAGAGGCTGATTCTTCCAGAGTCATATCATGGACCCAAGTTATACCTCCTGCAGGAAATCCCTGGACAGAGGCTGTTAGTTCCAGATTCATGCCATGGACTCAACCTATACCTCAAGCAGTAAATTCCTGGACAGAAGTTTATGCATCTAGGGTCCCACCATGGTCCCAACCTGTACCTCCAACAGTAAATCCTTGGACAGAGGGTGGTGCATCCAGAATCACTCCATGGAATCAAGGTGTAACTCTAGCAGTAAATCCCTGGACAGAGGCCATTGGTTCCAGATTCATGTCACTGACCCAACTTGTGCCTTCAGCAGTAAATGCCTGGACAGATACTGATATATCTAGATTCATGCCATGGAATCAACCTGTACCTACTTTAGTAAATCCCTGGATAGAAGCTGTTGGTTCCAGATTCGTGCCATGGACCCAACTGGTACTTCCAACAGTAAATCCCTGGTCAGAGGCTGATGTATCCAGATTCATGCCATGGATCCAACCTGTACATCCAACAGTAAAACCCTGGTCAGAGGCTGATGCATCCAGATTCATGCCATGGACCCAGCTTGTACCTCTAACAATAAATCCCTGGTCAGAGGCTGATGCATCCAGATTCACGCCAGGGACCCAACCTATACCTCCAGCAGTAAACCCCTGGACATATATGAATGTATCTAGAATCACTCCATGGTCCCTAGATGTGCCTTCATCAGTTAATCCCTGGACAGATGCTGTTGCTTCCAGATTCAATCCATGGACCCAAACTGTATCTCCAGCAGTTAATCCCTGGACAGAGGCTATTGGTTCCAGATTCATGCCATGGACCCAACTTGTACCTCTACCAGAAAATTACTGGTCAGAGACTGATGCATCCAGAGTCATGGCATGGACTCAACCTTTATTTCTAGCAGTAAATCTCTGGAGAGAGACTGATGCATCCAGATTCACACCAAGGACCCAACCTGTACCTCCAGCAGTAAATCCCTGGACAGATCCCGATAGATCTAGAGTTATGCAATGGACCCAACCTCTACTTCCTGTAGCAAATACATGGACAGAAGCTGATGCATCCAGAGTCATGCCATGGACCCAAACTTTACCTCTAGCAGTAAGTCCCTGGACAGAGACTATTGGTTCCAGATTCACACCATGGACCCAACCTTTACCTCCAGTAGTAAATCCTTGGACAGAGGCTGATGCATCTAGAGTCACACCATGGATTAAACCTTTACTTATAGCAGTAAATCCCTGGACAGATCCTGATGTATCCAGAGTCACACCATGGACTTATCCTTTACTTCTTGCAGTAAATCCTTGGAGAGAAACTGGTGCATCCAGATTCATGCCATGGACCCAACCTACACCTCTAACAATAAATCCCTGGTCAGAGGCTTATGCATCCAGATTCATGCAATGGACCCTACCTGCACCTCTAACAGTAAATCCCTGGTCAGAAATTGATGCATCCAGAGTTATGCCATGGACCCAACCTGTACCTCCAGCAGTAAATCCCTGGATAGTGACAGTTGTTTATACTTTAACACCATGGACCCTGGATGCCTCTCTACTAAATCCTTTGACAGAGACTAAGGCTTCCTCAGTGGGAATATGGACTCAGAACAAATATTCAGTAGTTAAAACTTGGACAAAATCTGAAGTTTCCACACTTACATCCTGGACAGATACTCAGACAGAATATCAAGCAGTAAATTCTTATATATCTTATATATCAAGTGTAACAGACACAGTCACATTTTGGACAATGCCAAAATATGAATCTAAGGAAACTTGGATACTGCCTGAAGCTCATATATTTAGTATATCATTGCATCCTCAAAGTGATACTCAATCCTTGTTCCAAGTAAAAAATATAGCATCTCTTCTGTCAATATATCCTGGAATTAATAGTGTCAATACATGGTCTTTGCCTAAATTTGAAACAGTGGCATCGTGGATAGTGCCTTTGTCTCAAGCAGCCAGATTTGTGCCCCTACCTAAAGCTGATATTAATAGAAATTGGTTTAAAATGGAAACAGAAACATTAAGAAATTGGACCCATTCAGAATCTCAAAGAGTAAGCACTTTGTCACAGTATGAAGCTAGTATGAAGCCCTTGGCCCAACATGAAAATTCTACAGTCATATCATGGATTCCAACTAAAACTGGTATATTCCAACCCTGGAATAAATCTGAAAGGGACAAAGTAAGAACCTGGACCCTTTCTGAAGGTAATGCTTTGCGACCATGGATTCAGATTGAAGCTAGCATTTTCAACCTCTGGACTCAGTCTAAAAGTAGTACAGTCACATCCTGGACACAGCCTGAGTTTCAGGCAGTCTTTACCAGGACTGAAGGACGTATAGATACATTTTGGTCCATGAATAAAAATGATGCAGTTAGGCCCTGGTCCCAGCTTGAATCTCAAATGACATCTTTCTGGACCCAAAGTAACATAACCAGCTCTTGGACTCAGTATAAAACTAGTACATTCATATCCAGGACCAAGCTTGAAATCAGTACACTGCAACCCTGGATTCAGTTTGAAACTGCTGCAATTAAATCATGGATTCAGTCTGAAAATGTAGAAATATACCCTTTGACCCAGCCAGAAGCTGATACAGTAATAAGACCTTGGTTGCAAATTCAAATAGATTCAATACAACCTTGGAATCAACCTGAAACTAATACAATTAGACCATGGACTCAACTTGAAACTGAAGTAATCCAAATTTGGACCCCCACAGAAAAGCAAGTAGTAAAACCTCCAACCTTACCTGAAATTGATACAATTACCTCTTGGTTACAGACTCAAAGTGATACAACTAGACCCTGGATTAAATCTGACTCCCAGTCTGTCAATTCCTGGGGTCATGCTGACATAGGTATAGTTCACGATTGGATTCAGCAAAGAGGTACTGCAAATCAACCCTGGACCTACCCTGAACCTACCCAAACAGTCAGACCCTGGGTGAAGCTAGAAGCTGATACACTTATATCTTGGTTGCACATTCAAATAAATAAAGTCAGACCATGGACCAACTCAGAAGATCAGATATTTAGCTTCAGGTTGCAGCCTGAAGTTGGTATGGTTCACCCTTGGATCAATCCTGAAACCAAAACAGTCAGATCCTGGGCCCACTCTGAAACTGATTTTATTGCATCCTTTGCTATAGATGAGCCTAACGAAGTCAGAACATGGATCCATACTGAAGTAGAGATAACATCTGACTGGCATGATAGCATTATATCATTTGTTCCTTCTGAAATTGAGCCAGATGGAGCAACTTTCTTAACTAGTGATTTCAATTCCTGGTCTAAACATATACCTTTTTTACCAATAGAATTAATTCTTTCCCCAGATCATTATTTTATAGGTTTCTCAACTGAGATAGCAACAACAGAAAGCCAAAATGAAATTAATTCTTTCCAATTGAGTGAGCTCACAAACATTTCCTTTCTTAAACTTCTGAGTACATGGCTTCCTGAAAGACTTGATTACCCGAACTTTGGCAATAAATTACAAGTTATCAAAACAAATGGAAGCCCTGATGTACCATCTACTTCTCTTTACCCCATCTCTCCATCATTTTCCTTTCTTGTTCCTTGCTCTCTCTCATCCCCATGTGCATTGTCCCACTCATGTTTGGTCATTTCTTCTTGCATATTCCCTTTATATTGTACTTTCCCTTCTTGCTCCATTCTTTCTCCAGGAGTCTTCTCTTCTATTCTCTTGCCCTTAGACTCTTCTTCTGACAGCTCTGACAAGGAACTGTCTTCCCTAAAATTTACTGAAGAGACCATAATTTCTCATACTTTTTCATATCTGCTTGCTGCTCCAGCCACATTTATAACAAAAGAAACTTCTCTGATGCCTGGATCTCAATCTGGAACCAAGTCTAATCAGCCTGAACAAGATCATATCAACTATTCAGAACTCAATATTTCTTTGGCTGAGTGTCACCTGGGTGTGATCTGGAAAGAGACTATCCAGGCTTTCTGGCTCTTCAAGACAGCTGTTATTTCTCATGAAACCACAGAGTGTGGATTACGACCTGGCCTTGCTCCTCACTGTCCAAACTGTTGGGAAGCAGAAGTGGGTGAATTTCCCTGGATGGTTTCTGTGCAACTCTCTTTCTCCCATTTCTGTGCTGGCTCTATACTGAATGAACAGTGGATCCTTACCACAGCTAGATGTGCAAATTTCATAAAAAACTCAGAAGCACTAGCGCTGGTCCAAGTGGGGCTTGTTGATCTTCAAGAGCCTGTTCAAGCTCAAACTGTAGGCATTCACCGTGCCATGCCCTACCTAGGTCCCAAGGGACCTCTAGGCCCTGGGCTAATCTTCCTGAAGCAGCCACTACACTTTCAACCATTGGTGCTTCCTATCTGCCTGAAGGAGAATGTGGAGCAAGAGAAAAGTATACAGCTTTATGACTGCTGGCTACCCAGTTGGTCCCTCATGAGAGGAAGTCCTGGGATTCTGCAAAAAAGGCACCTAAGTATACTGCAAGTCAGCACATGTGCCCAGTTTTGGCCCAAGCTGAATGAATTCACTTTCTGTGTGGAAGCCAAGAAAGCTATAGGGGAAGCTGGCTGTAAGGGTGACTTAGGGGCACCTCTTGTATGCCATCTACATCAAAAGGATACATGGGTACAGGTGGGAATTTTGAGTCACTTCGATGAACATTGCACAAAGCCCTACGTCTTCAGTCAAGTGAGCCCTTTCCTTTTTTGGCTTCAGGGAGTTACACGGCCCAGCCATGCACCATGGTCCCAGCAAGGGGCCATGACTACTTCTGCTTCCATCTCCCTTTCAGTCTCCACTTCTACGAACATCTCGGCTTTTACTCCCACTCCTGCTTCTATTCGGCCACAGTTCATCTCTCTGCCACAGCCTCAGACTTTGGCAGATCGAATTTCTCTACGATATGCCATGCCTTGGCAGGCCATGATAATCAGTTGTGGCAGTGAAATTTGCAGTGGTTCCATTGTTAGCAGCTCTTGGGTTCTCACTGCTGCTCATTGTGTCAGGAACATGAATCCTGAAGACACTGCTGTAATAATGGGCCTGAGGCATCCTGGTGTACCTCTGAGAGTTGTTAAGGTGTCTAACATTCTACTGCATGAGAGATTTCGGATGGTGAGTGGGGCAGCAAGAAATGATCTAGCACTGCTGCTCCTTCAAGAGGTCCAGACTCCCATTCAGCTTTTAGCACCATTGGGACATCTAAAGAACTTGAATAGCTCAGAATGTTGGCTTTCTGGGCCAAGAGTTCTCAAACCAGGAGAGACAGATGAGAGTCCAGATATGTTACAGATGCAGGTAATGGGAGCTTCAAGCTGTGCCCACCTCTATCCTGACATTGGCAGTTCTATTGTCTGCTTCATTACTCAGGAGAAAATCTCTGATAAAAATGTGGAACCAGTGACTCCAGGCAGTGCTGTTATGTGTAGACCAATATCTGGAAATGGCAGCTGGAGACAGATAGGCATCACCAGTCTAAAGGCACTTGCTACCATTGTCAGCCCACACTTCTCCTGGATATTATCCACATCAGCAAAAGCAGGTCATCCCCTAAACCAGGCCCTCATGGCTTGGGCAGAGAAGCCAAAGTCATCTAGTCTTCATGAAGAGCCAACAACACTACAATTTTCATTATTAATGATTATTACAGTCCAGAGTCTGTTGTAAACCAGTGCTTATAATGACAACTATTACTTTGGGCATTTTGTAATTTAAAAAGATAAAAT

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GCTAGACTCAGTCTACAGTTTTCTCAGTCATGTTCTGGATGCAATTTGATTCTCTATTAAATTCATACACACAGAGTCTAAATGATACAGTCACATTGTGGACAATGATTAAAACTGAGTCTAAGCAACCTTGGCGAGTACCTGAACCTAGTATATTTAGTATTTCATTGCATCCACAAATTGATACTTCTCGATCCTTGATTACAGTTGAGAATCAAGCTTCCTTTCTTTGGACACATCCTAAGACTGATAATATCAACTCATGGGCCTTGTCTAAATTTGGAACATTTATATCCTGGGTAGTGCCCTTGCCTCAAGCAGCCAGACTCTGGCTCCCCTCTGAAGCTGATATTAGCAGATCTTGGTTGAAGACTGAAACAACAAGAGTAAGACCCTGGGGCCAATCAGAATCTCAAACAGTGAGTACCTTGACTCAGTTTGGACTTGGTAGAGTGGATCTCTTGGCTCAACATGAAACTGGAACAACCTTATCATGGATTCAGACTAAAACTGGTGTATTTCATCCAGGGAACCGGTCTAAAGGAGACACAGTGGGACCTTGGACCTTTTCTGAAGCAGATATAGTAAGACCATGGATCAAAAATGAAGCTGGTGTAATCAGTCTCTGGACTCAACCTAAAAGTAGTACTTTCAGACCTTGGGCCCAGCCTAAATCTGAAGCAGTGAGGCCCTGGACACAATCTGAAGCCACTATGTTTACATTATTGTCCCCATCTGAAATGCAAGCAGCGAAACCCTTGAATGTGACTGACATTAATATGGTCAGATCTTGGTTCCAGACTCAGTTTGGTGCAATAAAACAAGGCACTCAACCTCAATCTCAAATAGCTACTCCCAGGATCCAACCAAAATGGCAAAGAGCCCACCCATGGATCCAGGACAAAACTAATACAGTCAGATTTTGGCCTCATCCTGAAGGTGAGTTAGCCCAACTCTGGACTCAGACTGAAACCAACACAGTCAGACTCTGGACCCATCATGAAAGTGATACAGTAAAACCATGGACCCAGCCTGAGCTACAGTTTGTCAGTTCCTGGACTGATGTGGATACAGTCACATTTTGGTACCCAATGCAAAATGGTACAATTAGGCCCCAGTACCCATCTGAATCTCAAAAACCGTGTTCCTGGACACAAAATGAAGTTGATATAATCATCCCTTGGACTCAGCATGAGAGCAATTCAATCAGATCTTGGACTAAGCTTGAAACTGCTACAATCCACCCCTGGATCCACCTTGAAACTGCTGCAATCAGACCATGGACCTTGGCTGAAACTTTAAAAATCTACCCCTCAACCCGGGTGGATACTAATACAATAATAAGACATTGGTTTCAGATTCAAATAGATTCAGTCAAACCTTGGAATCTACAGGAAGCTACTACAGCTAAACCCAGTACCCAGCCTGAAACTGAAACACTCCATGTTTGGTTGCAGACTGCAAAACAACTAGTAAAACCTATAACTTTATCTGAAGTTGATACAATTACTCCTTCATTACAGACTCAAAGTAATACAAACAGAGCTTGGATTCAACCTGACTCTCAGACAGACAGTCCCTTAACTCAGGCTAACGTTTCTGTAGGTCACCCCTGGACTCAGCAAGGAGCTGTTAAAAATCAACCCTGGATGTATGCCAAAACTCAAGCAGTCAAACCCTGGGTCAATATGGAAGCAAATACAGTCAGATCTTTGTTCCACATTCAAATGAGTAAAGATATACCATGGACCCATTCACAATTTCAAGTATTCAGTCCACGGATCTACCCTGAAGTTGGTATAGTTGAGTCTTGGATACAGTCTGAAACCCAAGAAGGCAGGCCCTGGGCCCACCCTGAAACTGACATTATTGCATCCTCTGCTATACTTACACCTGACAAAGTCAAAACACAGACTCCACAAGAAAAAGAAAGAAAGCCTGACAGCCATTATAAAGCTGATATAATTACATCATTTGTTCCTCTTGAAGTTGAACTGGATAGAGCAACTCCATTAACTAGTCAGTTTGGCTCCTGGTCTAAACCTGTACCTTTTTTACAAACAGAAACTATTCTTTCCACAGATCAGTATTTTATAATAGCTTTGTCAACTGAGATACCTGCAGCAAAAAGTCAAGATCAAATCAATTCTCTCCTACCCAGTGAGCTTACAAACATTCTCCCTCTTACCCTTTCAAGCACCTGGCTTCCTGGAAGAGTCGATTATCTGAACTTTGGCAGTAATTTACAAATCACCAAAACGAAAGAAAGCCCTTATGTTCCATCTAGTTTTCTTAGCCCTCTTTCTCCATCTTTTTCCTTTCTTGTTCCTTGTTCTCTGCCAACTCCATGTGCATTGTCCCCTTCCTGTTCATTGTTTTTTTCTTGCACATTACCTTCATCCTGTATTTCCCCTTATTGCTCCATTCTTTCTCCTATGGCCTTCTCTCCTGTCCTTTTGACCTTAGCCTCTTCTGATAATTCTCCCCAGACACTATCTGGGGAGACCTCAAAATTTACCAAAGAGATCTTTCTTTCGCACGGTTTGTCATCCCTGCGTGCTGCTCCAATCACACTTTTAACAAAGCAACTTTATCAGATGCCTGGATCTGAATTTGAAACTAAGTCTAAACAGCCTGAACAAGAGCCTCTCAAGAATTCAGAACTCAATGTTTCCTTGGCTGAGTGTCATCTGGGTTTGGTCTGGAAAGACAGTCTTCAGGCCTTCTGGCTCTTCAAGACAGCTGTTGTTTCTCATGAAACCACAGAGTGTGGATTACGTCCTGGCCTTGTGCCTCAGTGTCCCAACTGCTGGGAGGCAGAAGTTGGTGAATTCCCTTGGATGGTTTCAGTGCAACTCTCTTTCTCTCATTTCTGTGCTGGTTCTATACTGAATGAACAGTGGATCCTTACCACAGCTAGATGTGCGAATTTCATAAAAAATTCAGAAGCCTTGGCCCTGGTCCAGGTGGGACTTATTGATCTTCAGGAACCTACTCAAGCTCAGACTGTAGGCATTCACCGTGCCATGCCCTATGTAGGTCCTAAGGGACCTTTGGGACCTGGACTAATCTTCCTGAAGCAGCCACTGCATTTTCAACCCCTAGTGCTTCCTATCTGCCTGGAGGAGAGCCTGGAGCAAGAGAAAAATATACAACTGTATGACTGCTGGCTACCCAGTTGGTCTCTTATGAGGGGAAGTCTTGGAATTCTGCAGAAAAGGCACCTAAGCATCCTGAAAGTCAGCTCTTGTGCCCAGTTTTGGCCCAAGCTAAATGAATTCACTTTCTGCGTTGAAGCCAAGAAAGCTGTGGGGGAGGCTGGCTGTAAGGGTGACCTAGGGGCACCTCTGGTGTGCCATCTGCAACAAAAGGACACATGGGTGCAGGTGGGAATCTTGAGTCACTTTGATGAACATTGCACAAAGCCCTACGTCTTCAGCCAAGTGAGCCCTTTCCTTTTCTGGCTCCAGGGAGTTACACGGCCCAGCCATGCACCCTGGTCCCAGCAAGGGCCAATGACTACTTCTGCTTCCAAATCCCTTTCAGTCTCAACCTCTACGAATGCCTCAGCTGTTACCTCCACTACCACGTCTATTCGGCCACACTTCATCTCTCTGCCACAGCCTCAAACTTTGGCAGATCGGATTTCTCTGAGGTATGCCATGCCTTGGCAGGCCATGATCATTAGCTGTGGCAGTCAAATTTGTAGTGGTTCTATTGTTAGCAGCTCTTGGGTTCTCACTGCTGCCCACTGTGTCAGGAATATGAATCCTGAAGACACTGCTGTAATACTGGGCCTGAGGCACCCTGGGGCACCTCTGAGAGTTGTTAGGGTATCTACTATTCTACTGCATGAAAGATTCCGGTTGGTGAGTGGGGCAGCAAGAAATGATCTAGCATTGCTGCTCCTTCAAGAAGTCCAGACTCCCATTCAGCTCTTAGCACCTTTGGGCCATCTGAAAAACCTGAATAGCTCTGAATGCTGGCTTTCTGGGCCACGAATTCTTAAACCAGGACAGACAGATGAGAACCCAGAAATGTTACAGATGCAGGTGACAGGAGCTTCAAGCTGTGCATACCTTTACCCTGATATAGGGAGTTCTTCTGTCTGCTTTATGACTGAGGCCAAAGGCTCTGTCACAAATGCGGAGCCAGTGAGTCCAGGCAGTGCTGTTATGTGCAGACCAATATCTGGCAATGGCAGCTGGAGACAAATAGGCCTCACAAGTCTGAAGGACCTAGCTACCATTGTGAGGCCATACTTCTCCTGGATATTAACCACCTCTGCAAAAGCTGGTCATCCCATAAATCAGGCCCTCATGCCTTGGATGGAAAAGCCGAAGTCATCTGGACTTTTAAAACAGCCAAACACACTATCACTTACTTGTGTAATGATTATTGTACTTCAGAGTCTTTTGTAACTCAGTAACTATGAAAGGCATTGCTAGTATTTTGAAAATGTGTAACATGAGACATAAGTAACACATAGTCAAAAACATTGAATTTAGGCATGAGAGGATCTTCTAGATATTTTTTAAATAAAGACATACTAGAGATCGGAAGAGCGTCGTGTAGGGAAAGAGTGTTAAGAT

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ATGAAAGGTCCACTTTGCCTCTGTCAGTTTTGGGGGCTGTTTTTCCACTGCTATGGTGTACCCAATTCTCAAAAGCAGTGGTTAACCTCATTGACCCCAACAATTGCCCCATTGTCAGCGTCCAACAACATCCCATGGCTAGTGTCCATGGCTGAGACCTGCCAGGGCATTATCCTGAGTCGTTGGTGGATCCTCTCCACGGCCAGCTGTCTGACTAAACTGAGACAGTTAAACTCTGACATTTCGGGAGTCTTTGACCAAGAAGATGTCTTACGAGGCCACAAAATATGCCTACTCCCTAGTTTTGATCCAGAAACTGGAAAAGATCCAGTCAAAGCAGATGTAGGGGTGGTACTCCTTCAATATCCTATCAGGAAGAAAGAAATACCACTTTCTCACACTTATAACATCTTCTGGAAGGCCTGTTATAACTGCCAATACAGACACTGCAGGGTGTACCAATATCAGAATCATGGTAACTTTGAAAGCAATATCAAGAAATTGTCAGTTAAGCTGCTGGACCTCTCATTCTGCCGCCATCAAAACATTCACCTGACTAAAAGTAACAATTTATGCATCTGGAGTCAGCCAGAAGAAGACTGCTGGGTACAGCAGGGCAGTCCTGTTTTCTGTGTCTTTGGCAACCACTTGGAACTCGTAGGCCTGGTCAGTGAGTCCTCAATGGCCTGTTATGACCCAATTCTTGTCATCAAGACAGCCCCCTACCTACCTTGGATGAGAAGACTTATCAAGGCATCCCAGAAGTCACTGGATCCTATTTTTTCTCTACCCTGCAGTTTTTCTTCTAGGGTAGAACATGGTAATCAAGATAGGCTTAGCCCAAAAAGTGCTTTTGCATTTTTGTCCTCCCATGGATTCTCTATACAGTCGTGGAGGGGGAAATTTGGCACTTTTCCACTAACCAGACAGCGCCAGAATCATCCTCCTGTATTTTTTGGTTCAAATAATAGAGACTCTTTTCCTGGAAGTTCACAGTTATACCCTCAAAGCAGTCAGATCTCCTCAGCTAGCAATTTCCTAATGGTACAATCTTGGACGTCTCCTCTTGTCAAATCATGGGATCCTTTTCATACAGCTGTGTCCTGGAATACTGCCGTAACTGATACATCTAATCCTTCAGTTCTTCATCAGCCTCGAAACACTCCAGCACCAGATGTATATACACCCTGGAACCTTCCTCAGAGAGATGCAATGAAATATAAATATAGAAATATGACAGATTCATTAAGATACTGGGTTGAATCTTTAGGTGGTATAATTGGGTTTTATACTCCACCATTAGATAATGCTGATGGATCACATATTCTGTTTTCAAGTGATGTAGATGGATACCAAGTTCATTCTGAGATAAATAATGTTCAGTCTCAAGTTCAGTATGGTATGATTCCTTCCCAAGGTCAATTTCCAGGAAGACCCTGGCTGCATATTATATCTGGTGTTGGACCTTTGACACATAATATGCCTGATAAAACAGGAATAGTGATGCAGATTCAACCTGCTGAGGAGAGTTTTAGAACTCAAACATATCATGCTGCTGATAGAGTTAATACTGTTATTCAACCAGTAGCTTATAAGATTAATCCATGGGTCCCTTTAATTGTTAATAAGATTGGATTCTGGACTCATTCCATACTAAATGAAGAGAGATCCCGATATCCGACAGTAACTCCTACATCAGAACCCTGGTTTCAGACTGTCCTAAATATAGTTAAATCCCAAGGACCTATAGAAAGGACAGAAGAACTCAGACTTCTCCCTGAATCTAAGTCAACTCAATTTTGGACTTCCTCAACTGTTAATATGCTCCTTAATTGGGCTTCATCCACAAGCAAGACTAACAGGCCTGTGGCCCAGTATATGGCCAGTACAATCACATCCTTAAGTCAAATGGATAGAATGAATCCATTGAACGAGTATGGTGCTTTTACAGTCAAAACCCAGAAGCAGACTGATGATACAACCTGGCTTTTGATTCATACAGTTACTAGTATAGTTGATCCTTTAATTCACTCTGAAGTTGATACACCATGGACTCAGCATGAAGCTGATGTAGTCCAAACTTGGACCTGGTCAAAAACCCAATCAGGAAGCCTTATGAATCTGCTGAAAGCTGATACCACCAAACCATGGTTACAGACTAAAGGAAGAAGACACTGGATTCAACCTAAACTCCAAAATCTCAGACCCAGAACTCAAACTGAAGAAGGTAAAAATAAACTTTGGATCCAGTCAGAAGCAGATGCAGTCATATCCTGGACCCACCATGAAATTGAAACACTCAGACCCTGGGACCAACCTGAAATTGGTACTGCCAGACCTTTGTTCTTGACAAAATCTGACCAAATAACACTGAGCACTCAGGCAGCCTTTAAAACACTCCACATATGGGCTCAGCCTGAAGTTGACCCAGTCAGACCATGGATTCAGTCTGAAGGTGGCACCATCCAACAACGGACAAAGCCAGAGGAATCTCCTTTCAGACTCACAACAGAGTCTAAAGTTAATACAACTACACCATGGACAAGACCTGAAGCTGATGCTATCAGAGTTTGGTTGCAAACACAAACTGATATAATCAGAACCTGGACCCAAACTGAAACTCAAACAATCATTTCTTGGTTTGAACCTGAAGCTGTTCCTGTCAGACCTCCGTGGAATACTCAAACTGATACATTTAAACCTTGGATTGAGACAGAAATAGAAACAGCCCATTCCTGGGCCCAATCTGAAGGTAATATAGACAGATCATGGACCCAGACTGAAGCTGAAAATGTCAAATGGTTCTGGACTCAAATGGAAACAGTCACATTTTGGACAGAGCCAGTAATCAAAACATCCCACAACTGGATACAATCCAAAAAGGAAATAGTCAAGCCCTGGAACCAATTTTATGAGGTTAAAACCTGGACGCAACATGATACTAAAACACTCAAGCCATGGAATGAAAACAATAAAGATAGATTTTGGACTCAGTCAGAAGCTGATACAATGAGACCCTGGATTCAGTCAGATATTGCTATCAACAACCCTGGAGCAGAAAATGAAGCAGGTGCATTCATGCTTTGGACTCAGGCTGAATATCCAGAAGTAAATCTCTGGATACAATCTGACACTGACACAGTGTCATTGTCAACCAATAGTAAAATTCCAGCAGTATATCACTGGACAGAAATACCTGATACCACCATACCACAGGCAAAGGCTAAATTTCCAGGAGTAAAGCCCTTGACACATCTGGTATCTAATACAGTAACACCACGGACTCAGACTGAATCTATAGTAGTAAACCTCTGGACTCAGCCTATGACTGATACAGTCACACAGTGGACTCCAGGTGAGTTTTCAGAAACAAATCCCTGGACAAAAACTACAATTGACAGAGTCAAGTCATGGACCCAGGCTGAATCTCTAGTAGTAAATCCCTGGGTGCCATTTGACCCTGATACAGTTACACCTTGGGCACAGACTGACTCCTTCATAATAAATTATTGGACACAGTCTATACCTCATACTATTACACAATGGACCCACAGTGAACCTTTAGATATAACTCCCTGGACAAAAGCTGTCACTGATGCAACACCTTGGTCTCAGGCTGAATCATCATCAGTAAATCCCTGGACAGATAGTGCAGCTGGGACAGTCACACAACGGACCCAAAGTGAATCTCCAGTAGTAAATTTATGGACTCAACCTGTGGTTAATGTAGTCACACTGTATACTCAGGCCGATTCCCCATTATTACATTTCTGGACAAAGTCTGAAATGGATATGGTCACTGCATGGACCTCAACAGAATCTTTAGCCATGAATTCCTGGAGACAGTCTGAAACTGACAGTATCTCAACATGGACCAATCAAATAAATCCAGACATATACAACTGGGTACCTTATGAAACTGATGTAGTCACAGTTTGGACCCAGTCAGAAAGTCCAGAAATAAATACTTGGACACAAGCTGTAGCTGATGCAGCTCCACCATGGACTCAGGCTGATTTTTTAGCTCTAAATCCCTGGACAGAAGTTGAAAGTGATACAATATCATCATGGACTCAGGTTGAATCTTTAGTGAATCCTTGGACAGAGAGTGTAGCTTCCACAGTCATACCATGGACCCAGGCTGAATCTCTAGCAGTAAACCCCTGGACACAATTCGCAGCTGATGTAGATACACTATGGACCAAGACTGATTCTCTAACAATAAATCCCTGGATAGATCCTGCATCTGATCGTGTTATACAGTGGATTCAAACTGAACTTCCAACAGAATTTCAGTGGATTCAGAATATGTCTGATATAGTGACATCAATTACCCAGGCTGACTTTCCTGCAGTAGAGACTTGGACAGATCCTCTGGTTGATATAGTAACAATGTGGAATCAGACTGAATCTTCAATAATAAATCCATGGACAGAAGCTGCAGTTTCTACAATGACACCATGGACTCAAATTGAATTTCCAGCACTAAATACCTGGATAAATTCTATAGCTTCCACAGTCACACAGATGACTCAGGCTAAATACCCAGTAGTAAAGCCTCAGAGACAGTCCATATCTGGTTCAGCCACACTATTGAACCAAATAGAATCACCTATAGTAAATCCCTGGACACAGCATGAAACTGATGTAATCACACAGTGGACTCAGACTGAATCTGAAGAAATACATTCTTGGATACAACCTGTAACTGACACAATCATACGCGGGACTCAGGCTGAATCTCCAGTCATAAATTCCTGGACAGAGGCTGTTGCAGATACAGTAAGAACACTGAATCAGATTGAATATCCTTCAGTAAATCCCTGGGAAACAATTGCAACTGATACCAGTACACTCTGGACCCAGGCAAATTCTTCTGTCATCAATCTTTTGACACAGTCCATAGTTCATACACTCACAGCCTCGATCCAGACTATGTCTGTAGCAGTAAATCCCTTGTCTCAGTTTGAAACTGATAGAGTCACACAATGGATCCAAGC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TGAGGTTCTGGCCCCTTTCTGAAACTGAGGAGGTAAGAAAATGGATCCAAACTGGAGCCGGTATAGTCAACTCTTGGACTCAAGCGAGAAGTAGTGTAGTCAGAGCTTGGATCCAAGCTGAATCTGAACTAGTCAGACCCTCGACACAATCTAAAACTAATGCAATCACACTATTGACCCAGGCTGATACTATCAAATCTTGGTTCCAAACTCAAATTAATGCAGTAAGAGAAGGGACCCAAACTCAATCTCAAATTGTTGCTACTTGGATCCAAACACAGTTGCAAACAGTTTACCCCTGGATTCAGCCTAAAAGTGATTCAATCAGAATTTGGACCCAGCCTTGGATCCGAGCTGAAACCCACACAGTCAGACTCTATTATGAAACTGATATAAGAAATTCATGGATCTCATCTGAATCTCAGTCAGTCACATTTTGGTCACTGAGTCAAAATTCAATTAGGACCTCATTTCACTTTGAATCTCAGATGACATGTTCCTGGGCCCCAAATGAATTTGATATAATCAGTCCTTGGACTCAATATGAAACTAGTTCTGTTGGATCCTGGATCAAGTCTGAAACTGGTACATGTCAACCCTGGCTCCATATCGAATCTCCTAAAATCACACTATGGACCCAATATGAAACTTTAGAGATCTACCCTTCAACCCAACCTGAGACTGATTCAGCAGTAAGGCATTGGTTCCAGCCCCAAATTGATCCAATGAATACTTGGAATCAGCCTGAAGTGGATACAATCAGATTCTGGACCCAAGCTGAAACAGAAACAATTCCAATCTGGACCCAGATTGGAAGTCAGGTAGTTAAACCTCCCAAATTATCTGAAGTTGGTATAGTCACACCTTGGTTACAGACTGAAACTGATGCAAGTAGATCCTGGATTCAATATGACTTTCAGTCAGTCCATCCTTGGCCCCAGACTGGATTTGGTATAATTAACCCCTGGTCTCAGCAAAGAGCTGTGGTAAATCAACCCTGGACATATGTTCAAACACAGGCAATCCGACCCTGGATCAATGTGGAAGCCAATACAATCAAATCTCGGTTTCATGTTCAAATGAAAAAAGTCAGACTGGGGATTCCTTCTGAGTCTCAAATATTGAGTTTCTGGATGCAGTCTGATGTTAGTAGAGCTAAAGCTTGGATCCAACCAGAAACCCAGGCAGTCAATCCTGGGGCTCACCCTAAAACTGGTAATGTTGCATCCCTGGCTATTCCTAAGCCTGAAAGAGTCAGAATGTGGATCCAGCCTGAGACAGAAATAAGGCCTGGCGTCATTTATAAAGCTGATATAATCACATCATTTGTTTCTCCTGAAATTGAACCAGATGGAACAATTAGTCACTTTGATTCCTGGTATAACCATGTAACATTTTTACCAATAGAAACTGTCCCTTCCCTAGATGAGTATTTTGCAGCTTTGTCAACTGAAATAGCTTCAGTAGAAAGCCAAGGTCAAACAAATTTTTTCCAACCCAGTGAGATCACAAATATTCTCTTTCTTACACTTTCAAGCACATGGCTTCCTAGAGGAGTTGGTTACCTGAACTTTGGCAATAAATTACAAATTACCAAAACAAAAGGAAGCCCTCATATCCCGTCTAGTTCTCTCAACCCTCTTTTTCCATCTTTTTCCTTTCCTGTTCCTTGTTTTTTCCCATCTTCATGTTCTTTGTCTCTTACCTGTTCAGTATTTTCTTCTTGCACATTTTCTTCACCCTGTACTGTTCCTTCTTGCTCAATTCTTCCTCTTGTGGCATTCTCTCCCATTCTTCCCTTAGCTGCTTCTGATAGTTCTCTCCAGGAACCATCTTTTTCAAAATTTACTGAAGACGCCGTTGTTTCCCATGCTTTTTCATCCTTACATACTGCTCCAGCCACTCTTTTAACAAAGCAACCATCTATGATGCCTGGATATCAATCTGGAACCAAATCTAATCAGCCTGAACAAGATCTTCTTAAGTATTCTGAACTCAATATTTCCCTTGCTGAGTGTCACCTGGGTGTGGTCTGGAAAGAGAGTCTCCAGGCTTTGTCGCTCTTCAAGACAGCTGTTATTTCTCATGAAATCACAGAGTGTGGATTACGTCCCGGCCTAGTTCCACACTGTCCCAACTGCTGGGAGGCCGAAGTGGGTGAATTCCCTTGGATGGTTTCTGTGCAACTCTCTTTCTCCCATTTCTGTGCTGGTTCTATACTGAATGAACAGTGGATTCTCACTACAGCTAGATGTGCAAATTTCATAAAAAACTCAGAAGCACTGGCTCATGTCCAGGTGGGGCTTATTGATCTTCAAGACCCTGCACAAGCTCAACCTGTAGGCATTCATCGTGCCATGCCCTACCTAGGCTCCAGAGGACCTTTGGGACCTGGTCTAATCTTCTTGAAGCAACCATTACATTTTCAACCCCTGGTTCTTCCTATCTGCCTGGAGGAGAACCTAGAGGAAGAGAAAAATATACAACTATATGACTGCTGGCTACCCAGTTGGTCTCTCATGAGAGGAAGTCCTGGAATTTTGCAAAAAAGGCACCTGAGCATCCTGCAAGTCATCACATGTGCCCAGTTTTGGCCCAAACTGAATGAATTTACTTTCTGTGTGGAAGCCAAGAAAGCTATGGGGGAGGCTGGCTGTAAGGGTGACCTTGGGGCACCTCTTGTGTGTCATCTACAACAAAAAGACACATGGGTGCAGGTGGGAATCTTGACTCATTTTGATGAACACTGCACAAAGCCCTACGTCTTCAGCCAAGTGAGCCCTTTCCTTTTCTGGATCCAGGGAGTTACACGACCCAGCCATGCACCCTGGTCCAAGCAAGGGCTCATGACTACCTCGGCTTCCATCTCCCTTTCAGTCTCTACCTCTATGAATGCCTCAGCTTTTACCTCCATACCTGCTTCTGTACGGCCACATTTCATCTTTCTGCCACAGCCTCAGACGTTGGCAGAACGAATTTCTCTGAGATATGCCATGCCTTGGCAGGCCATGATCATCAGTTGTGGCAGTCAGATTTGCAGTGGTTCCATTGTTAGCAGCTCTTGGATACTCACTGCAGCCCACTGTGTCAGGAATATGAATCCTGAAGACACAGCTGTAATATTGGGCCTGAGGCACCCTGGGGCACCTCTGAGAGTTGTTAAGGTCTCTACCATTCTTCCGCATGAAAGATTTCGATTGGTGAGTGGGGCAGCAAGAAACGATCTAGCATTGCTGCTCCTTCAAGAGGTCCAGACTCCCATTCAGCTTTTAGCACCCTTGGGTCATCTGAAGAACCTGAACAGCTCAGAATGCTGGCTCTCTGGGCCACGAATTCTTAAGCCAGGAGAGACAGATGAAAACCCAGAAATATTACAGATGCAGGTGATAGGTGCTTCAAGCTGTGCCCACCTTTACCCTGATATAGGCAGTTCTATTGTATGCTTCATTACTCAAGACAAAGACTCTGACACAAGTGTGGAACCAGTAAGTCCAGGCAGTGCTGTTATGTGCAGACCAAAGTCTAGGAATGGAAGCTGGAGACAGATAGGCCTCACTAGTCTGAAGGCACTGGCTACCATTGTGAGCCCCCACTTCTCATGGATATTATCCACTTCAGCAAAGGCAGGGCAGCCATTAAGCCATGCACTCATGCCTTGGATGGAAAAGCCTAAGTCCTCTAGTCTCAAAAAACAGCCAACCACCCTGCCATTTTCTTCAATAATAATTGTTTTGCTACAAAGACTT

>Goat, Capra hircus (BK059508)

CACAGATTGAAAGTCCAGATATAAACACCTGGAGAGAGACTGTGCCTTTCACAGCCTCACAATGGACAAAGGCTGAACCTCCAGCTATAAATTCCTGGAGAGAGAATATGCCTTTTTCAGTCCCACCATGGACACAGGATGGAAGTCCAGGTGTAATTACCTGGGGAGAGACTGTCACTTTCAGAGACCCACAAAGGACACAAATTGAAAGTCCAGATATAAACACCTGGAGAGAGACTGTGCCTTTCATAGCACTACCATGGACACAGGCTGAAGGTCCAGATGTAAATACCCAGAGAGATACTTTGCCTTTTACAGGTCTACGTTGGACTCAGGCTGAAAGTACAGCTGTGCATACTGGGAGAGATATTGTGCCTTTCACAGCCCCATCATGGACACAGGCTGAACCTCCAGCTGTAAATTCCTGGAGAGAGATTATGCCTTTTTCAGTCCCATCATGGACACAGGATGGAAATCCAGGTGTAATTACCTGGGGAGAAACTGTCCCTTTCAGAATCCCACCAAAGTCACAGATTGAAAGTCCAGATGTAAACACCTGGAGAGAGACTATGCCTTTCATAGCACTACCATGGACACAGGCTGAAGGTCCAGATGTAAATACCCAGAGAGATACTGTGCCTTTTGCAGGTCTACACTGGACTCAGGCTGAAAGTACAGCTGTGCATACTGGGAGAGATATTGTGCCTTTCACAGCCCCATCATGGACTCAAGATAAAGGCCCAGATGTAAATAACTGGAGTGAGATGCTGAGTTTCACAGGACCATCATGGGTACATGCTAAAGGTCCAGCTTTAAATACCTGGACAGAGACTGTCTGGAGGGAGACTGTACCTTTAACAGTCTCACCTTGGACTCAGACTGAAAATCCAACTGTAAATACCTGGAGAGAGAATATGCTTTTAACAGCCCTACCCTGGTCACAGGTTGAATATCCAGCTGTAAATACATGGAGAGAAACCGTACATTTCACAGAGCCACCATGGAATCAGGCTGAATATCCTGCTGTAAACACCTGGAGAGAAACTGTGCCTTTCTCAGCTCTACAATGGACTCAGGCTGAAAGTCCAGCTGTAAACACCTGGAGAGAGGCTATGCCTTTCACAGACCCATCATGGATTCAAGATAAAAGTCCAACTGTAAATAGCTGGAGACGGATTTTTACTTTCCCAGCCCAACCATGGCCACAGACTGAAAGTACAGTGGAAAACGACTTGATATGGAATGCCCCTTTTACAGCTCCACCGTGGTCACACACTGAAAGTCCAGCTGTAAATACCTGGACAGAGCCTATGCTTTTTATCGCCCCTCCATGGACTCAGGCTGAAAATCCATCTACAAATACCTGGAAAGTGAATATGCATTACAGAGACCCACTATGGCCTCAGTCTGACTTTGCACCAGCAAACCCTTGGACATCAACTGAAAGTTTTAGAATCACATCATGGACTCTTACAGGAAAGCAAGTTTTAAATATTTGGACAGAGCCAATAGCTTCCACAGCCACACTGTGGACTCAGGCTGAATATTCAACACCAAAATATTGGACAGAGACTAAGGCCATTTATATAGTCACATCATTGACCCAGTGTCAGTTTCCAATAAATACTTTGACAGAATCTGTAGGAGCCATAATCACACTTTGTACATCTGCTGAATCTCTATCATTAAGTTCTTTCACACAGAATATTATTGATACAATTGAATTTTGGCCAATGGTTAAAACTGAGTCTAAGAAAAGGTGGAATCTGCCTCAAACTAGTACATTCATGTTTTCACTAAATCCTCAAACTGATACTTTTGGATCCTTGAACCAAATTGAAAATCAAGAATCTCCTCTGTGGACCCATCCTGAAATTGATAATGTCAATACAATGGCGTTTCTTGAATTTGGAACACTCATATCACAGGTAGTACCTTTGCCCCAAGCAGCTAGATTCTGGCCCCAAACTGAAGCTGATACTAGCAAAATTTGGTTTGTCTCCTCTGAAAGAATAAATTCCTGGGACCAATCAGAGTCTCAAAGAATGAGTACCTCAATCCATTTTGGAGTGGGTAGAGTGAAGCCCCTCGCCCAACATGAAACTGCTACAGTCATGTCATGGCTTCAGATTGAAACTGGTATATTCCACCCTTGGAACAAGTCTGAAGGAGGCACAGGGAGGTTCTGGCCCCTTTCTGAAACTGAGGATGTAAGAGAATGGATCCAAACTGGAGCCGGTACAGTTAACTCTTGGACTCAACTGAGAACTAATATAGTCAGAGCTTGGCCCCAAGCTGAATCTGAACTAGTCAGACCCTGGACACAAACTAAAACGAATGCAATCACACTATTGACCCAGACTGATGCTATCAAACCTTGGTTCCAAACTAAAATTAATGCACTAAGAGAAGGGACCCAAACTCAATCTCAAATTGTTACTACTTGGATCCAAACACAGTTGCAAATATTTCACCCCTGGATTCAGCCTAAAAGTGATTCAGTCAGATTTTGGACCCAGCCTTGGATCCAAGCTGAAACCCACACAGTCAGACTCTATTATGAAATTACTATAAGAAAATCATGGGCCTCATCTGAATCTCAGTCAGTCACATTTTCATCACTGAGTCAAAATTCAGTTAAGAACTCATTTCACTTTGAATCTCAGATGACATGTTCCTGGGTCCGAAATGAATTTGATATAATCAGTCCTTGGAATCAATATGAAACTAGTTCTGTTGGATCCTGGTTCCAGTCTGAAACTGGTACCTGTCAACCCTGGCTCCATATTGAATCTTCTACAATCACACCATGGACCCAATATGAAACATTAGAGATCTCCCCTTCAACCAATCCTGAGACTGATACAGCAATAAGGAATTTGTTCCAGCCCCAAATTGATCTAATTAGTACTTGGAATCAGCCTGAAGTAGACACAATCAGATTCTGGACCCAAGTTGAAACAGAAACAATTCCAATGTGGACCCAGATTGGAACTCAAGTAGTTAAACCTCTCAACTTTTCTGAAGTTGGTATAGTTACACCTTGGCTAAAGACTGAAACTGATGCAAGTAGACCCTGGATTCAGTCTGACTTTCAGTCAATCCATCCGTGGAGCCAGATTGGATTTGGTATAATTGCCCCCTGGTCTCAGCCAGGAGCTTCTGTAAATCAACCCTGGACCTTTGTTCAAACACAGTCAATCAGACCTTGGATTACAGTGGAATCCAATAGAATCAAATATTGGTTTCATGTTCCAATGAAAAAAGTCAGACTGAGGATTCCTTCTGAGTCTCAAATATTGAGTTTCTGGATGCAGTCTGATGTTAGTAGAGTTAATGCTTGGATCCAACCAGAAACCCAGGCAGTCAATCCTGGGGCTCATCCTAAAACTGGCAATGTTGCATCCCTGACTATTCCTAACCCTGAAAGAGTCAGAATGTGGATCCAGCCTGAAACAGAAATAAGACTTGGCATCATTTATAAAACTAATATAGCCACATCATTTGCTTCTGAAATTGAACCAGATGGAACAATTAGTTATTTTGATTCGTGGTCTATCCATGTAACATTTTTACCAATAGAAACTGTTACTTCCCTAGATGAGCATTTTGCAGCTTTGTCAACTGAAATAGCTGCAGTAGAAAGCCAAGGTCAAATAAATTCTGTCCAACCCAGTGAGATCACAAATATTCTCTTTCTTACAATTGCAAGCACACAGCTTCCTGGAGGATTTGGTTACCTGAACTTTGGCAACAAATTACAAATTACCAATTCAAAAGGAAGCCCTAATGTCCCATATAGTTCTCTCAACCCACTTTTTCCGTCTTTTTCCTTTCCTGTTCCTTGTTTTTTCCCATTTTCATGTTCTTTGTCCCTTACTTGTTCAGTCTTTTCTTCTTGCACATTTTCTTCACCATGTACTTTTCCTTCTTGCTCAGTTCTTCCTATTGTGGGTTTCTCTCCTGTTCCTCCCTTAGCTGCTTCTGATAGTTCTCTCCAGAAACCATCTTCCTCAAAAGTTATTGAAGACACCATTCTTTCCCATACTTTTTCATCCTTTCATGCTGCTCCAGCCACTCTTTTAACAAAGCAACCATCTCTGATGCCTGGATTTCAATTGGGAACCAAGTCTAATCAGCCTGAACAAGATCTTCCTAAGTATTCTGAACTCAATATTTCCCTTGCTGAGTGTCGCCTGGGTGTGGTCTGGAAAGAGAGTCTCCAGGCTCTCTCGCTCTTCAAGACAGCTGTTATTTCTCATGAAATCACAGAGTGTGGATTGCGCCCTGGCCTTGTTCCACACTGTCCCAACTGCTGGGAGGCTGAAGTGGGTGAATTCCCTTGGATGGTTTCTGTGCAACTCTCTTTCTCCCATTTTTGTGCTGGTTCTATACTAAATGAACAATGGATTCTCACTACAGCTAGATGTGCAAATTTCATAAAAAACTCAGAAGCACTGGCCCATGTCCAGGTGGGGCTTATAGATCTTCAAGACCCTGCTCAAGCTCAAACTGTAGGCATTCATCGTGCCATGCCCTACCTGGGCCCTAGAGGACCTCTGGGACCTGGTCTAATCTTCTTGAAGCAACCATTACATTTTCAACCCCTGGTTCTTCCTATCTGCCTGGAGGAGAACCTAGAGCAAGAGAAAAATATACAACTGTATGACTGCTGGCTACCCAGTTGGTCCCTCATGAGAGGAAGTCCTGGAATTTTGCAAAAAAGGCACCTGAGCATCCTGCAAGCCATCACATGTGCCCAGTTTTGGCCCAAACTGAATGAATTTACTTTCTGTGTGGCAGCCAAGAAAGCTATGGGGGAGGCTGGCTGTAAGGGTGACCTGGGGGCACCTCTTGTGTGTCATCTGCAACAAAAAGACACATGGGTGCAGGTGGGAATTTTGACTCACTTTGATGAACACTGCACAAAGCCCTACGTCTTCAGCCAAGTGAGCCCTTTCCTTTTCTGGCTCCAGGGAGTTACACGACCTAGCCAAGCA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>Guinea Pig, Cavia porcellus (BK059522)

TCACAAGGTTCAACAGTGATATCCTGGCCCAAGGCTGAATCTCCAATAGAGGGTCTTGGGAAAGAAGCTTTAGCTTCAGAAGTAAAGCTGTGGAACCCCATTGAATTGCCAGCAGTCAACTGGATAGATCCTATAACACAGCTTATATATCACACAGGAAACACCTGGACAAAGTCTTCATCTAACCCTACTATATTACAGAATTGTTCTGAATCTTCAGCAATCATTTCCCGGATGTACACTGTGTCTGACACTTTTACAGCATTTACTAAAAATGAATTGACAATTTTATCTGATGAAATCACACTGTGGGCCCAAGCCATGTTTGCTTCAGACAAGCCTTGGAAGAAAGCCCAATATGGCATAGGAATGCCTGTGACTCAGGCTGCATCTATATCTAAAGTTTCCTCTATGCAACCTGTGTCTGATGCAGACATACCACAGAGCCCAACTGAGTTTCTGGCCAAAGTTGGGAGGATACACTCTATATCTGATACCTTGATACAATGGATGCATTTTGGATCTCCAGGAAGCAAGATTTGGACTGAAATTACAGCTTCCACAGTTACACAGTGGAGACAAGCTAAATTTCCTATTTTCAGGTTTTGGGAACCAACTGTTACTCCTACAACCACCATGTGGAAACCAAGTGCATCTCCAGCCATTAACTTTGGTTCAAGGGCTTCAGCTGCCACAGTCTCCCCTTTGACACACTATGCGTCTCCAGAAATCCAGCCTTTGTCAGGACATTTAGCTTCCACTCCTAGGAACTGGAAACAGACTGACTTTTTGCGTATGAATGTTTACACACAAACTGAAACTGATGTAGCCATATTTTCTGAAATGTCTGTAAAACCTTTGATTCCACTTGGTTCTAAAGTTAATGTATTCATTCTGTCTGAACAAACTCAAACTTACACAACCCAAGGCTTGAATGAGATGGAAAATCAAGATTATATTCTGAGGGCACATAAATTTGAAGATGCTAATGCAGGGACTTTGTCTAAAGTTGGAGCACTTGTATCTGAGGCTTTGCCTGCAAGTCAATCAGCTAGAGTCTGGCCTGAAATTGACCCTCATAATAGCAGAGGTTGGTTTGAAATTGAAACAGAAAATATCCAACCATGGGCTCAAACAGATTTTCAAAACTATATCTCATTTAGGACCAGACAAATAGAACTAGGGGTCCAACATACGCTTGCTTCATTCACCTCATTGACCCAATCAGAAGTTGGTATGTTTGATCTGTGGACATCTAAAGTAGACATAACAAGGTCCCAGACCACTGCAGGGATTGAGAATTTACTGAGACCACTGATCCAAACTGAATCTGAGTCAATCAATGCCTGGATCCAGCCAACGGATAATATAATCCGACCACATACCCAAACTGATTATGAAGCAACCAGGCTCTGTACTCAGGACACATCTGATAAAGTCACAATGTCATCCCAGGTTGAAATTCAGGAACCAAAGCGCTTGATCCTACCTGACAGTTATAATGTCAGAGTTTTGTTTCAGACTCAAAAGAATACAATACAAGAAGGCCAACTTGAAGAACAAATGGTTACTCTCTTCATGGAGGCAGAAGGGCAATCTCTTGAAAGTAATATGATTGAAACTCCTTCCCAAGATAAGTGTGATATAACCCAAGTTGAGGACTACTCTGGAACAAATTCAATCAAAGGTTTGACCTCTTCTGAAAGTGATGAAATACTACTTTTGACCCAGACAGAAGGCCAAGTGATGAAAACCTGGGCAGAGGATGATTTGGTCAGAAATTTAGCCTTCACTGAACATACGACAAATAGTCATTGGTCCCTCACTGAATCTCAAGTGACACATTCGTTGGCCGGGACTAAAGTTGTTCTAACCGATCCTTGGCTTCAGTACAAAGCTGGGATGATCAGCCATTTGGCCCAGTCTGAAGCATCAGAAAGTATTCACTTGACCCAGCCTGGAGCCGAAAGAGAATACTGGCTCCAGTCTCAAATAGATTCAGTCGGATCCTGGAACCAGCCTGAAAGTAAACCAATTCTAAGCTGGACCCCAACTGGAAAAGAAATAATAAAAGGGTCGAACTGGGAGGAGGTTGAGGTTGAGGGAGTGACACCTTGGCTTCAGACTCAAGACAGTTCTACAGTTCGGATTCAGCCTGACTCCAAAACAGTGAGTCCTGAAATGCAGAGTAAACTTGGTGTAACCCAGACACAGGAAAGTGATGCTGCAAATCATCCTGATACTCAAGCAATCAAACCCTGGCAGAAACATGAATTTAGTAAGGCCAGCCCTTGGTTCCACATTCAAATGAGTACAGTACTGCAAGGCTCTCCAGCCACAGTAACATTAAAAGGACCCATGACTGGATCTCAGTTTGAACCCGAATCTCAGTATCAGCCTGGACAACAGACTCCCAACCATTCAGAACTCAAGATTTCTCTGGCTCAGTGTCACCTAGGTTTACTGTGGCAAGAGAATCTTCAGGCTCTCTGGCTTGTCAAAACACCTGTTATCACTCATGCTGCCACAGAGTGTGGATTACGCCCAGGCTTTGTTCCTCGCTGTCCCAACTGCTGGAAGGCAGAAGTGGGTGAATTTCCCTGGATGGTTTCAATACAATTGTCTTTCTCCCATTTCTGTGCTGGCTCTATTCTGAATGAACACTGGATCCTTACCTCCGCTAGATGTGCCAATTTTGTAAAAAGTTCAGAGACACTGTCCATGGTGCAAGTGGGGCTTATTGACCTCCAGGGACCAGCTCAAACTCATATTGTGGGCATTCACCGTGCCATGCCCTATATAGGTCCCTCAGGGCCCCTAGGACCCGGCCTGATCTTTCTGAAGGAGCCACTACATCTCCAACCCCTCGTGCTTCCTATTTGTCTGGAGGATAACATGGAGCAAGAGAAAAATAAGCCACTATATGATTGCTGGCTATCTAGCTGGTCCCTTCTGAGGGGAAGACCTGGAATTCTGCAAAAAAGACACCTAAGTATTCTGCAAACCAGCACTTGTGAAGAATATTGGCCCACAGCAAGTGAATTTACTTTCTGTGTGGAAGCCAAGAAAGCTACTGGGGAAGATGATTGTAAGGGTGACGTAGGGGCACCTCTAGTGTGCCGTCTACCACGAAAGAACACTTGGGTGCAGGTGGGAATATTGAGTCACTTTGATGAACATTGCATAAAGCCCTATGTCTTCATCCAAGTGAGCCCTTTCATTTTCTGGCTTCGTGGAGTAACACGGCCCAGCCTTGCACCCTGGTCTCAGCAAGCAGCCATGACGCCCTCTGTTTCTGCCTCCCCTTCAGTCACTACTTCTATAAATGCCTCAGTTTTTACTGGCAATTCAGCTTCTGTTCAATCACACTTCATCCCTCTACTACAGCCTCAGAGAAGATCACAAGACAATGGCAGTAAAGCTTTGACAGATCGCATTTCTCTTCATTATGCGATGCCTTGGCAGGCAATTATAATAAGCTGTAGCAGTCAAATCTGCAGTGGTTCCATTATTAGCAGCTCTTGGATTCTCACTGCTGCCCACTGTGTCAGAAACATGAACCCTGAAGACACTGCTGTAATACTTGGCTTTAAGCATCCTGGGGAATCTCTGAAAGTTGCTAAGGTGTCTAATATTCTACTGCATGAGAGATTCCGGTTGGTGAGTGAGGCAGCAAAAAATGACCTGGCATTGTTGCTCCTGCAAAATCCCCAGACATCCATTCAAACATTAGCACCTTTGGGTCACATGAAGAATCTAAACAACTCAGAATGTTGGCTGTCTGGACCACAAATTCTTAAGCCAGGACAGACAGATGGAAATCCAGAAAAATTACAGATTCAGGTGATGACAGCATCAACTTGTGCCTATCTATACCCGGACATAGATGGTTCCATTGTTTGCTACATTTCTAAGGCCAAAGGTGCTGATGCAAATACGGAGTTAGTAAGTCCAGGAAGTGCTGTCATGTGTAGAGAGAAGTCTGCAAATGGCAAATGGATGCATGTAGGCTTCACCAGTGTCAAGGCTCTAGCTACAATTGTGAGTCCCCATTTCTCCTGGATTTTGTCTAGTTTGGCAAAAGCTGGCCCATCACTAAACCAGGTCATAATGCCTTGGGTTGAAAATCCCAAGTCTTCTAGTCTCCTCAAAGAGTCAAGTGCATTGCTGCTTCTTTCAATACTGATTATTGAAGCCCATATAATTCTGTAGTCCAGTAGCTACAGTTGGAAGTGCTAGTCTACTTGTCCTGAAAGATAAGAGAATGAAAATCATCACAGAACAAAGCACAACTTATGCTCTATGTTATATATTTCCTATGTTTTGTAGTCT

>Hamster, Mesocricetus auratus (OK484382)

CTGAAACTCTAGAAATCATCCCTTGGACAGATTCTCACAGATTAATATCTTATTCTTTACAAACTCAAATAGATTCAATTACATTATGGAAGCAGCCTCAACCTATGATGACAGCCCAAGTTTGGAGTACAACTCTAGAACAAGTAGTAAAAACACAAGCCCCAACTGCAGTTGGTACAGTTTCACCATTGTTTCAGGTTCAAGAAATGTTTTTAAATGAAGAACCTTCCTTTATGTCACCATATCAATCTGGACTTCAAGATAAGCATTCACCGGAACCATTATCTCCTAGGCAATCAAAACTCAATGTTTCTTTGGCTGAATGTCACCTGAGTATGATGTGGAAAGATAATATTCAAGCTCTATGGCTCTACAAGACAGCTGTTGTTTCTCATGAGATCACAGAATGTGGTTCACGCCCTGGCCTGGTTCCCCACTGTCCTAATTGCTGGGAGGCTGAAATAGGTGAATTCCCCTGGATGGTTTCTGTGCAACTCTCTTATTCCCACTTCTGTGCTGGCTCTATACTTAATGAAAATTGGGTTCTTACCTCTGCTCGATGTGCCAATTTTATAAAACGATCAGAATCTATGGCTTTAGTCCAAGTTGGACTGGTTGATCTTCAAGACCCTAGCCAAGGTGAAACTGTAGGTATACATCGTTCCATGCCATACTTAGGTCCGAGTGGACCTTTAGGACCAGGCCTAATATTGCTGAATGAGCCACTGCATTTTCAACCTTTGGTGCTTCCAATTTGTCTGGAAGAAAGTCAAGAACAAGAAAGGCACATACAATTGTATGACTGCTGGTTACCCAGCTGGTCCCTCATGAGGGGAAGTCCTGGTATCCTGCAAAAAAGGCACCTCAGCATCATGCAAGTCAGTACATGTGCCAAATTTTGGCCTCAGCTGAATGAGTTCACTTTCTGTGTAGAGGCCAAGAAAGCTATGGGGGAATCTGGCTGTAAGGGTGATCTTGGGGCACCTTTAGTGTGTCGTCTAAAACAAAAAGACAAATGGGTGCAGGTTGGAATTTTAATTCACTTCGATGAACATTGCACAAAGCCCTATGTCTTCAGCCAAGTTAGCCCTTTTGTTTTCTGGATCCAGAGAGTTACACAACCCATCCATGCACCCTGGATTCATCAAAGGCTTGTGACTACCTCACCTTTTAATTCCCTGTCAGTCTCTACCAATAAAGCCTCAACTTTTACTTCTCCAAATGCTGTAATTCATCGACACTTCATCTCCCTGCCACACCCTCAGGCATTTGCAGATCATATTGCTCTGCAATATACTATGCCTTGGCAAGCTATGATCTTCAGTTGTGACAATCAGATCTGCAGTGGCTCCATTATTAGTAGCTACTGGGTTCTTACTGCTGCTCATTGTGTCAGAAACATGAATCCTCAAGACACTGTTGTGATACTAGGCCTTAGACATCCTGGAACACCTCTGAGAGTTGTTAAGGTGACTAGTATTTTACTGCATGAAAGATTCCGGTTAGTGACTCAGGCTGCAAGAAATGATTTAGCTCTTGTTCTTCTTAAAGAAAGTCAGAGTGCTTTTCACATAGTGGCACCTTTAGGCAACATGAAGCATCTAAACACTTCAGAATGCTGGCTTTCTGGACCACAGATTCTTAAACAAGGTGAAATACTTGAAAATCCAGAAATGTTACAGATACAAGTCATGGGAGCTTCAAACTGTGCCTATCTCTATCCTGACATAGGAAGTTCTACTGTTTGCTACATTGCACAGGCCAGGGGTCCTGAAATAAATATGGAGTCAGTGAGTCCTGGAAGTGCTGTTATGTGCAGACCACTATCTGGAAATGGCAAATGGAGACAAATAGGGTTCACTAGCCTCAAGCATCTAGCTACCATAGCTAGCCCACACTTTTCTTGGATTTTGTCTACAGCAGCAAAGGCAGGTTATCCCTTAAATCAGGCCTTCAGTGCTTGGGTAGAAAATCCCAGGTCCTCTAGCCTTGTTACACAACCAAGCTCATTGCTATTTTCTATGGTAATGGCTATTGCAATGAGGAGGATATTTATTTTATAGTGTACTTATTACACCAAGGTATACAAATATGCTAAACTAAGAAATCAGAAAAATTAGGAAAATATGCTGACATGTATTATAGCACCTCCCTACATTTTGTTTTTAATAAAGAGTATGTCCCTAAACAATGATAC

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CGATCACACCATGCATCCAGGTTGAATCTCCAGCAGTGGATCCCTGGACAAAATCTGCATATGACACAGTCACATTGTTTACCCAGAGTATAACTCCAGCAGTAATTCCCTTAACGATAGCTGTAGCTGATAGAGTCACACTGTGGAATATGGCCAAAATTATATTACTAAAGCCTTGGCCACAGTCTGTGACAGATACACAATGGGTGCAATATGAGTCTCCCCCAGTATATCCCTTTGCACAACCTATATCTGACAAAGTCACACTATTTACTCAGGCTGTTACTCCAGAAGTAAATCCTTGGTCAAGGCCTGAAGCTGATACAGTCACACCATGGATCCAGGTTGAATCTTCAGAAGAAAATGCCTGGACAGAGGCTGGTTCTGAAACATTCACACCATTGATCATGGGATTTAAACCCTGGATAGAGACTGTATCTGATATAGTCACACCAGGAACCAAGTATGATTTTTCAGAAGCAAAACTTGGGATACTGCCTGAGGCAGGTATATTTGAACTGTGGACTCAGTCTGAATCTTCAGCNNNNNNNNNNNNNNCAGGAATTCCCTGGACAGAGGCTGTACCTGTCGTAGTCACACAGTGGACCCAGGCTGATTCTCTAGCAGTAAATCCCTGGACACAACCTGCAGCTGATACAGTCACAAAGTAGACACAGACTAAATCTCCATTAGTAAATATGTGGACTCAGGCTCAATTTCCAGGGGTAAATCCCTGGACACAGTCTGAATCACTACCAGTAAATATTTTGACAGAAACCGAATCTCTAGCTCTAAATCCACCAATACAGCCTGAGGCTAGTACAGTCACATTGTGGATTCAGGGTGAATCGCCATCAGTAAATCTTTGGATAGAAGCTGTAGCTTCCAGAGTCATACCATGGACCCAGGCTGAATATTCAGCAGTAAACCCATTGACATAGGCTGTAGCTAATGCACTCACACTGTGGACCCAAGCTGAATCTCTAGCATTGCATCCCTGGCCAAAGTCTATGATGGATACAATCACAGAATGGGCCCTGGATGCATTTGCTCCAGGTGCAAATCCTCTGACACAATCCTTAGCTTCCGCAGTCCCATTTGGGGCCCAGCCTGAAACTCCAACAGTAAATCCTTGGATACAGTTTGATTTTGAAACACCCCCACCATCAACCCAGGTTCAATCTGCAGCAGTTAAACCATGGACACAGTCTGAAAATTACACACTCATACCATGGACCCAGGTTCAACCTCGTGCAGTGAATCCCTGGGCAGAGGCTGTAGCTTCTTCCGTCATACCATGGACTCAGGCTCAGTCTCCAGTAAATCCTTTGACAGAGGCTGTGCCTTTCACAGTCATACCATGGACTCATCCTGAATATTGTGCAGCAAAATCCTGGACAGAGACTGTAGCTTCCACAGTCACACTGTGGATTCAGGCTGAATTTCCAACAACAAAGACATGGACAGAGGCTATAGCTTCCACAGTCACACCATGGATTCAGGCTGAATCTCCAACAGTAAACACTTGGAGAGAGGCTGTAGCTTCCACAGTCACACCATGGACTCAGGGTGAAAGTCCAGCAGTAAATACTTGGACAGAGGGTGTAGCTTCCACAGTGGCATTGTGGACTCATGCCAAATCTCTAGCATTAAATTCTTTCACACAGAGTGTAATTGATACAGTCGTATTTTGGACAACGCTTAAAACAAAGAAACCCTGGAAACTGCCTCAAACGACGATGTTCATTATTTCACTGAATCCTCAAATTGATACTATTGGATCCTTGAACCAAGTTGAAAATCAAGGATCTCTTCTGTGGTCACATCCTGAAATTGATAATGTCAGTACATTAACCTTGCCTGAATCTGGAGCACTTATGTCATGGATAGTGCCTTTTCCCCAAACAGCCAGACTCTGGCCCCAACCTGAAGCTGATATTAGCAGACCTTGGTTTAAAACCTCAGAAAGAATAAGATCCTGGGCTCAGTCAGAATCTCAAACAATGAGTACCTCAACCCAGTTTGGAGCTGGTAGAGTCAAACCCTTGGCCCAGCACGAAACTGCTACAGTCGTGTCATGGATTCAGACTGAAACTGGTATATTCCACCCATGGAACCAATCTGAAGGAGACACAGTAAGATCCTGGAACCTTTCTAAAACAGGCTGTAAGACCATGGATCCAGACTGGAGCTGGTATAGTCAACCTCTGGGATCAGCCTAGAAGTAGTACAATCAGACCCTGAACCCAAGCTGAATCTGAAGCAGTCAGACCCTGGACACAGTCTGAAGCTAAGGCAATCACAGTGTTGACCCAGGCTGAAACACAAGCAATGAAACACTTGACATTAATACTGTCAGACCTTGGTTCCAAACTCAAAATGATGCAATAAGAGAGGGGACCCAACCTGAATCTCAAATAGTTACTACCTGGATCCAACCACAATTGCCAATAGTCCATCCCTGGATTCAGCCTGAAACTAATGCAGTCAGATTTTGGACCCATGCTGAGGGTTATTTAGCCCAACCCTGGATCCAGGCTGAAACCCACACAGTCAGACTCCAGACTCATTATGAAATTGATCCAAGAAAACCATGGACCCAGCCTGAATCTCAGTCAGTCACACTTTGGTTCCTGACTCAAAATGATGCAGTTAGGCCCTCATCCCAGTTTGAATCTCAGATGACATGTTCCAGGACCCAAAATGAATTTGGTATAATCAATCCTTGGACCCATTCTGAAACTAATTCAGTCAGATCCTAGACCAAGCTTGAAACTGGTACAGGCCAACCCTGGCTCCATCTTGACGCTGCTACAATCAGACCGTGGACCCAGTATGAAACTTTAGAAATCCATCCCTCAACCCAGCCTGAGGCTGATACAGTAGTAAGACATTGGTTCCAGACACAAATGGATTCAATCAAAATTTGGAACCAGCCTGAGGCTGATACATCTAGACTCTGGACCCAAACTGAAACAGAAACAATTCAAATTTGGACCCAGACTGGAAGCAAAGTAGTAAAGCCTCCAAGCTTATCTGAAGTTGCTATAGTCACACCTCGGTTACAGACTCAAAGTGATACACCTAGATCCTGGATTCAACCTGACTTTCAGTCAATCAGTCTCTGGACCCAGACTGGAGTTGGTATAATTTGTGCCTGGTCTCAGCAAAGAGTTGCTATAAATCAACCCTGGGCATACCCTCAAACCCAAACCCAAGTCAGACCCTGGAACATTTTGGAAGCCAATACAATCAAATCTTGGTTCCATGTTCAAATGAATAAAGTCAGACCATGGGCCCCTTCAGAATCTCAAATATTGAGTCTGGATGCAGGCTGAAGTTGGTACAGTTAATCCTTGGATCCAGCCAGAAACCCCGGCAGTTAGACCTGGGGCCCACCTGGAAACTGCTAGTGTTGCATCTTTTGCTATTCCTAAAGCTAACAAAGTCAGAACATGGGTCCAACCTGAAATAGAAATAAGGCCTGACATTCATTATAAAGCTGATATAATCACATCATTTGCTTCTCCTGAAGTTGAGCCAGATGGAACAACCCAATTAACTAGTCACTTTGACTCCTCATCTAAACATGTAACTTTTTTACCAGTAGAAACTGTTCCTTCACCAGGTGAGTATTTTACAGCTTTGTCAGCTGAAACAGCTGCAGTAGAAAGCCAAGGTCAAATCAATTCTCTCCAACCCAGTGACCTCCCAAATATTCTCTTTCTTACTCTTTCAAGCACATGGCTTTCTGGAGGAGTTGGCTACTGGAACTTTGGCAATAAATTACAAATTACCAAAACAAAAGGAAGCCTGATGTTCCATCTACTTCTCTCAGCCCCCTTTCTCCATCTTTTTCCTTTCTTGTTCCTTGTTTTTTCCCATCCTCATGTTCTTTGTCCCTTTCCTGTTCAGCCTTTTCTTCTTGCACCTTCCCTTCATCCTGTACTTTCTGTTCTTGCTCAACTCTTTCTCCTGTGGCCTTCTCTCCTGTTCTCCTTCCCTTAGCTGATTCTGATAGTTCTCTACAGGGACTATCTTTCTCAAAATTTGCTGAAGGACCATTCTTTCTCATACTTTTTCATCCCTACGTGCTGCCCCAGCCACACCTTTAACAAACCAACCTTCTGTGATGCCTGCATCTCAATCTGGAACCAAGTCTAACCAGCCTGAACAAGATCCTCTCAAGTATTCAGAACTCAATATTTCCTTGGCTGAGTTTCGCCTAAGTGTGGTCTGGAAAGAGAGCCTCCGGGCTTTCTGGCTCTTCAAGACAGCTGTTATTTCTCATGAAACCACAGAGTGTGGATTACTCCCTGGCGTTGTCCCACACTGTCCCAACTGCTGGGAGGCAGGAGTGGGTGAATTCTGTGCAACTCTCCTTCTCCCAATTCTGTGCTGGCTCTATACTGAATGAACAGTGCATCCTTACTACAGCTAGATGTGTGAATTTCATAAAAAACTCAGAGGCATTGGCCCTGGTCCAGATGGGGCTTATTGATCTTCAGAGCCCTGCCCAAGCTCAAACCATAGGTATTCATCATGGTATGCCCTACCTAGGTCCCAAAGGACTTTTGGGACCTGGGCTAATCTTCCTGAAGTAGTCGCTACGTTTTCAACCCCTGGTGCTTCCTGTCTGCATGGAGGAGAGCCTAGAGCAAGAGAAAAACATACAACTATATGACTGCTGGCTACCCAGTTGGTCCCTCATGAGAGGAAGTCCTGGAATTCTGCAAAAAAAAGGCATCTAAGCATCCTGCAGGTCAGCACATGTGCCCAGTTTTGGCCCAAACTGAATGAATTTACTTTCTGCATGGAAGCCAAGAAAGCTATGGGGGAGGCTGGCTGTAAGGGTGACCTGGGGGCACCTCTTGTGTGTCATCTACAGCAAAAGGACACATGGGTGCAGGTGGGAATCTTGAGTCACTTTGATGAACATTGCACAAAGCCATACATCTTCAGCCAAGTGAGCCCTTTCCTTTTCTGGCTCCAGGGAGTTACACAACCCAGCCATGCACCCTGGTCCAAGCAAGGGCCCATGACTATCTCTGCTTCCATCTCCCTTTCAGTCTCTACCTCTGCAAATGCCTCAGCTTTTACCTCCACTCCTGCTTCTGTCCGGCCACACTTCATCTCTCTGCCACAGCCTCAGACTTTGGCAGATCGGATTTCTCTGAGATATGCCATGCCTTGGCAGGCCATGATCATCAGCTGTGGCAGTCAAATTTGCAGTGGTTCCATTGTTAGCAGCTCTTGGGTACTCACTGCTGCCCTCTGCGTCAGGAACATGAATCCTGAAGGCACTGCTGTAATACTGGGCCTGAGGCACCCTGGGGCACCTCTGAGAGTTAAGGTATCTACCATTCTACTGCATGAAAGATTCCAGTTGGTGAGTGGGGCAGCAAGAAATGATCTAGCATTGCTGCTCCTCCAAGAGGTGGAGACTCCCATTCAGCTTTTAGCACCCACGGGCCATCCGAAGAACCTGAATAGCTCAGAATGCTGGCTGTCTGGGCCACAGATGCTTAAGCCAGGAGAGACAGATGAAAATCCAGAAATATTACAGATGCAAGTGATGGGCACTTCAAGCTGTGCCCACCTCTCCCCTGACAGGGGCGGTTCTGCTGTGTGCTTCATTACACAAGACAAACACTCTCATACAAATGTGAAACCAGTGAGCCCAGGCAGTGCGGTTATATGCAGACCAATTTCTGGGAATGGCAGCTGGAGACAGACAGGCCTCACCAGTCTGAAAGCACTGGCTACCATTGTGAGCTCCCACTTCTCATGGATATTATCCACTTCAGCAACAGCAGGGCATCCCCTAACCCAGGAATGCATGCTTTGGGTGGAAAAGCCCAAGTCCTCTAGTGTCCTAAGACAGCCAAACACACTGCCGCTCTCTTCAATAATAATTATAGCAGTACACACCCTTTTGTAAGACAGTGGCTTGGTCAGTCAGTGCTAATCTATTAGGACGATGACAAAAAGAATATCAAAACAACATTACA-AAGATTAAGGCCCTACAAAATCTAAGTA

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ATGCTGTATCTATTAAAAGCATTGAGCCTAAACATCAAGCTGTGCATTTACAAGGACCAAGATATATCAGATATAGTTGTACTCTCATGGTCCCATACTGAATCTCCAGCAGATAGTCTGTGGATACTGCAGCTCTCCTATGTATGGGCCCAGGATAAATCCAAAGCAGAAAATCTGTGGCCCCAGCCTACATCAGATTCAGTCATACCATTGTGGCCCCAGACTGAATGTCCACCAACAAATTTACAGCCTCATCCTGTATCTCTTACAATAATATCACCTTGGCATAAGACTGAATTTCTAGCAATGAATCCATGGTTGCTCTCTATAATTGATAACATCACATCACCATGGATACAAGCTGAATGTCTACCAGTAAACCTTTGGGAATTGCTCAGCTCTAATAGAAATGCTTCACCGCTGTGGTTCTCATCTGAATCTTTTGCTGTTAACCCAAATACACTCATCACACCTGATTTGATTACATCAGTGTGGCCCAAGGTTGATTATCCAGCACTAATCCCTCGGGCAGGACTTATGGCTAGTAAACCCATAGCATTAAAGAAAGGGTCTGAATTTCTAACCAAAAAGTCTCAGATTTTGTCTGTTTCTGATATGCTCACACCTTGGCCCCCAGCTGAGTTTCCATCAGTAATGCAATGGACAGAGGCACTATCACACTATCACACTATCACACTTCAGAAGCAGGCTGGTTTGCCCAAAGTGTATCTCTGGACTCCATATGAAAGTGAAGTCTTTACAAAATGGACCAATACTCAAATCCCACAAGAAAAGTATCCACCAAATAATGAAGCAATAAAGCACTGGGCATCTTCTGAAGATGATGTGGTTTTACCGCAGACCCAAGATAAATCTCTGGAAGAAAATGTCTGGATAGATGCTGAATATGAAACAGTCATCCCATGGAAACAGGGTAGTTTTTCAGAAGTGAAGGTTAGGACACAGCCAGAAACTGGTCAAGTTATACCTAAGGAAGTAATTCCTGGGATAGAAGGTATAGCTAAAATATTCACATTGTGGATAGAGTCTGAAACTCAAGCAATAAATACTTTGACAGAACCAGTAGCTGATGGAGTTACATTACAGACACAGACAGTGTCCCTAACAATAAATTCTTGGACAGAACTTCTCAATAAAGCCACACTGAGGACACTGCCCAAAACTCCATTCATGAGCACTTGGAGACATGGTGAAAACACAGTGGTAAACCTCAGGACACTGTCGGACTCTCAAACAGTAAATATCAAGACACAGCCTGAAACTCCACCCTTAACTCGCACGGCTGAATCTTTGTCAGTAAATTCCTGGACAGACACTAAAATAGCTGAAGTCAGGACACAGGTTGAATTGCTACCACCCAAGTATCCCTTGGCCATGGCTTCAAAATTCATACCCTGGACCAAGGCTGAACTTCCAACAGTAGGGCTCAGGAAAGGAGCCATAGATTCAAAAATCAAACACTGGATTCAGGTTGAATTGACCCCAGTCTATTTCTGGAAACAACCTGTGACTGACACTGTTGCAGATTTGGCTCAGGTTATATATCCAACAATAAACACCTGGGAACAGCCTTCATCTGTCCCTGTAACATTATGGACCTGTTCTGCACCTTCAGCCATCATTACCTGGATATATCCTGTATCTGAAACATTTATCTCATTGACTCAGAATGAATCAACAACATTATCTGATAAAGTCACATTGTGGACCCAAGCTGTACTTGCTTCAGGCAAGCCATGGAAGGAATCTGAATCTTTTATAGACATACATTGGACCCAGGCTGAGTCTATATCCTTTATTTCCTCCATGCAACTTGTGTATGATACACCCACACCACAGACCCTGGCTGAGTTTCTGGCAGCAATAACATGGATGCAGCCTGTGTCTGATGCCCAGATGCCATGGACCCAGATTGAATCTCCAGGAGTCAAGACTTGGATTGAAGTTAAAGCTTCCATGGATACAGAGTGGAGGCAAGACAATTCCCCACCTTTAAATCCATGGACAGAGACTGTAACCTATGCAATGTGGAGGCTAAGAGAACCTACAAAAGGGAATCTTGGGTCAAGGGCAGCCACAGTCACCACATGGGTCCAGTATGAATCTTCAGCACTCCAGACCTGGTCAGCCGCTTCTATGGCCACAGACTTGAAACAGACTTCAAGTTTGAATTCTTGCATGCAACTTGAAACTGACATAAGAATACTTTCCAAAATTCCTATGAAATCCTGGACTCTGCCTGGAGTTAATATAGTCTCACTGTCTGTGCAACCTCACACTTATACTACCCAATACTTGAATCAGATTGAAACTCAAGAATCTCTCCTGTGGACATATCAAGTTGAAAATACTAACACGTGGACTTTGCCGGAAGTTGGAGCATTCATATTCCAGACAGTACCTATACATCAAGCAGCCAGATCCTCACTCCAATTTAACTCTCATATTAGAAGTTGGTTTAAAATTTCAGCAGAAAATATCCAACCGTGGACCGGGGCAGAATTTAACAATCTTATATCATTTAGAGCTAGAAAAATAGAGCTGTGGGCCCAACATATCACTAACTCAGTAGCATCATTTATCCAATCAGAAATTGGTAGATTTGATCTCTGGACATCTAAAATAGATATAGCCAGATCCTGGAATATTTCAGACACTGATACAATACCAGCAGTCCAAAATGAATCTGGCCCAGTCAATAACTGGATCCAGTCAAAAACTGTTATAATCAGACCATGTACCCTAATTGAATCTGACACAGTCAGGCTCTGGACTCTGGACGCAACAGACACAGTCAAACTAATTTCACAGGCTGAAATGCAAGGAAAGAAACACTTGACTGTATCTGACATTTACACTGTCAGAGTGTGGTTCCAGTCTCAAAAGGAAACAATACAAGGAACTCAACTTGAAGCTCAAAGAGTTACTCCCTGGATCCAGCTAGCATTGCAAATAGCACAGGCACAGTACCATCCAGAAACTAATGGGATCCCACCTCTGTCCAAGGTTAACGGTGATGTAGCCCAACCTGAAATCCATTTTCAAACAAACCCAGTCACACTCTGGACCTATTTTGAAAGAAATGAAATAAAACTTTCTTCCCAGGCTGAATGCCAAGGGACTAAGACCTGGCCAGCAGCTGATTTGGTCACACTTTTATGTTTAACTCAAAATAAGGCAATTAGGCCTTGGTTCCTAGTTGAACCTCAAGTGACATATCCCTGCTCCCAGGCTGAAGTTATAATGAACCCTTGGATTCATTATAAAACTGGCATGATCAGACAATGGACCCAGTTTGAAACTCTAGAAATCCTTCTTTGGACCCAGCCAGTTGCTGTAATAGAATACGGGCTCAAGACTTGGACAGGTTCATTCAGACATTGGAACTGGGCTGAAAGTGAAACCATTCAAACTCAGACCCATACTGTGAAACAAATAGCAAAAACCCTAAACTTTGCTGAGGTTGATATGGTCACAAGTTCGTTACATGTTCAAGCCAATACTTCTAAACATAGGATTCAGCCTGATTCCCAAACACTGAGTCTATGGATCCAGAGTGAAATTGGTTTAACTGGGGCCTTGGCTCAGCAAAGAGCTGTTATAAACGACCCTGATACCCAATCAGGTGATATAGGAGCTCCTCTGGTGTGCCGCCTACAACAGAAGAACACCTGGGTACAGGTGGGAATATTGATTTACTTTGATGAACATTGCCAAAAGCCCTACATCTTCAGCCAACCTCAGAGGAAGACCCAAGACAATACTAGTAAAGAAGCTTTGACAGATCGGATTTCTCTTCATTATGCTATGCCTGGGCAGGCCATTATCATAAACTGTGGCAGTCAAGTCTGCAGTGGATCCGTTATTAGCAGCTCTTGGTTTCTCACTGCTGCCCACTGTGTCAGAAACATGACTCCTGAAGATTCTGTTGTCATACTGGGCTTTAGACATCCTGGGGCACCTCTGAGAGTTGTCAAGGTGTCTAACATTCTATTGCATGAGAGATTCCGGTTGGTGAATGGGGCAGCAAAAAATGATCTAGCATTATTGCTCCTTCAAGAAGTCCAGACACCCCTTCCGATATTAGCGCCTTTGGGCCATATGAAGAATCTAAGCAACTCAGATTGTTGGCTTACTGGACCACAAATTCTTAAACCAGGACATACAGATGAAAATCCAGAAATGTTACAGATTCAGGTTATGCAAACTTCGACCTGTGCCTATCTATACCCTGATATAGGTGGTTCTGTTATTTGCTTCATTGCTAAGGCCAAAGGTGCTGACACAATTATGGAGCCAGTGAGTCCGGGCAGTGCAGCTTTGTGCAGAGATGTGACTGAAAATGGCAGATGGAGACAAGTAGGCTTTGCCAGTGTCAAGGCTCTAGCTACCATTAACATATCAGCTCTGGGCCATTCTGAAAAGCAGCAGGAATTTGAAGGGGTTTGGTCAAAGAACTGGCACAAGGTGACTTGGAATGTAACATCAAGAGATGATCCGGCGGGCGCTTCCATCACAGCCCCAGTGACAGCCAACAAGTTGGGAAGGGGCTGTGGACTAGCTGCGAAAAGTAGGAACAGCAGCCAGGAGCCGGAGAGCCGACCCTACCCGTCTTACCTGCGGTTCAGCGCGAAGAGACAGCAACGCTCACGCACTGTCGCCCAAGGCCGGGGTTTGAGAGCGGGTGGAGATGCGAGGCTGGACTGGTGGAAAGAGAAGGTGGGGTACTGGCGGTCACAACCATTGCCAACCCACAGCACCAAGGCGCTGGGCGATTCCATCCAGCTGTTCCTGCCGCAAAGCACAGGCCGGCGACTTGTGGAGAGAGCGCGGCCTGGCGGCGGCGCGGCTTACTGCTCACCTTGTGTTGCGAGTCCAACAGGTGTACTTGATGAAGCCGCTGGTCTGAGGCGCTGCTCGCAGGAGCCCCCTGCCGGCTACAAGCCTGGGCGGAGCTTCCTCCAAAAGGAAGGGACATGGGAAGGTTCTGAATGCTATGTGATTATGACCGCAGAAAATACCTGTAGGAAATCTGTGGGACGGACATCTAAGTTCAGGCTTAAGGAATGA

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GTACAGCAGGGTAGTCCTGTTCTCTGCCTCTTAGGCAACCATTGGGAACTGGTAGGCCTGGTCAGTGAATCCTCAATGGCCTGTTATAACCCTGTTCTTGTCATCAAGACAGCCCCATATTTATCTTGGATGAAACGGCTTATCAAGACATCTCAGAAGCCATTGGATCCTATTTTTTCCCTCCCCTGCAGTTTTACTCCTGGGGTAGAACATGGTCCACAAGATAGGCTTAGCCTGAACAGGGGTACTACCATTTTGACCTCCCATGGATTCTCTGTACAGTCATGGAAGAGATTAGGCACTTTCCCACTGAACAGACAGCGCCGGAATCCTCCTCCCATATTTTTTCATTTAAATAATAGAGACTCTTTTCCTGGCAGTAGACAGTTACACCTTCAAACTAGTCAGCTCTCCTCAACTAGCAAATTCCCAATGATACAATCTTGGACATCTCTTGTTACCAAACAGCGGGATCCTTCTGATATTTCTGAGCCCTGGAATACCCCAATAGCTGGTACTTCTGAAACTTTGGTTCTCTCTGGACCCCCAAAGCCTCCAACATCTGATAAATCTATATGCTGGGACCTTCCTCAGAAAGATACAATGAAATATCAATACCAAACTATGACCAATTCAGTAAACTCCTGGGTTAATCCGTTAGCTGGTATAATTGGGCTTCATACTCTACCATTAGTTAATTCTGCTATATCCTGGGTTTTGTTCTCAAGTGGCATAGATGGATCCCAACTTCTTTCTGGGGTTAATACTGTACAGTTTCAAGTTCGGTCTAGTAAGGTTCCTTTCCACGGTCAACTTCTAACTAGACCCTGGCTAGAAATTACCCCTGACATTGGACCTTGGACACATTCTGTACCTGATAAAACAGGAACAGTGATGCAGATCCAATCGAGTGAAGAGAATATTGGAAGCCAAATACACCATGTAGTTGATGGAGTTCACACTGCTTTTAAACCAGTAACTTTTAACTTGAATACATGGGTTCCTTTAACAGTTAATAAAAATGAATTCTGGACCCATTCCACACTAAATGCAGATGGATCTCAGTATCCTACAGTAATGCTTACGTTGGAACCCTGGTTTCAGTCAGTCTTAAATTTAGATGGATCCCCAGAACTTACAGAAAAGACTAATGAATACTGGATTGTCCCTGAATCTAAGTCAGCTCAATTGTGGACTTCTTCAGCACTTAATATGCCTTTTACTTGGGTTCCATCTGCAAGCAACACTATTAAGTCTTGGGCACAATATAAGACCAGTCTGAGCAAAGCCTCAAGTCAAATGGATAGAGTAAGTCCATTGAGTAAACATGAATCTTTTATGGTCAAACCCCAGATTCAAACTGCAGATACAACCTGGTTTTTGATACATACTATTACAAGTGTAATTAAGCCATTTATTCAGTCTAAAGCTGATACAACCAGGCCCTGGACTAAACCTGAAGCTAACATAATCCAAACCTGGACCCAGCCAGAAACCCAGGCAGGAAAACCATTGACTCAGCTGAAAGCAGATATAATCAGACCATGGTTACAGACTAAAACTGAAAGAATCAGACACTGGATTCAGCCTAAGTTTCAAATAGTCAGACCTGGAGTCCAGACTGAAAATGGTAAAGACAAACATTGGACCCAGCCAGAAGCAGATATAATTAGATCCATGACACACACTGAAATTGAAACAGTCAAACTTGGGAACAAGCCGAAAGCTGGTATAGCCAGATCCTGGTTTTGGACTCGGTCTAATCAAATGAGAGCAAGGTCTCAGCCAGACTTTCAAACACTCTACCCTTGGACTCAGCCTGAAGTTGACATAGTGAGACCATGGACTCAGTCCGAAGCTGGTAGCATCCAACCATCAATGAAGCCTGAAGCATTGACATTCAGAATCTGGACTCAGTCTAAAGTTAATACAATTATACCCTGGACAGGGCCTGAAGCTGATGCAGCTAGATTTTGGTTGCAAATACAAACCAATACAGTCAAAACATGGAATGAACTTGAATCTCAAACAACCATTTCCTGGTCTGAGCTTGAAGCTGATAGAGTCAGATCTTGGTTGTATACTCAAATGCATACATTCAAACCTCAGACTGAGACAGAATTTCAAACAGTCCATTCCTGGACCCAACCTGAAGGTGACATAGCCAGGCTTTGGACTAAATCTGAGGTTGACAATGTCAGACATTGGTTCCAGACTCAAGTGGAGACACCCACAACGTGGACAGAGCCAGTATCCCAAGTAGCTCACCACTGGATACAGTCCAAAACAGAAATAGTTAGGCCCTGGAACCAACCTGTGGCAGACAAGCTAAGATCCTGGATACAACATGACATTTACACTGTAAGGCCCTGGGATGAGCTTGAAGGTGATAAAGTTAGATTCTGGACACAATCTGAATCGGACACAATACCTTGGATTCAGCCAGATGTGGGTATAATCAATCCCGGGGCACAAAATGAAGCTGATACATCAATACCATGGGCATGGGTACAGGCTGAGAATCCAGAAGTTAATCCCTGGGCACAGTCTGAAACTGAAACAGTTATACTCTCAACACAGGGAGAAGCTCCAGCAATTAATCATTGGACAGATATTTTAGCTGATACTGTTACAACATGGGCAAAGACTGAATTTCCAGGAAAAAGGCTCTTGACCTATCCTTTGTCTCGTACAGTCACACAGTGGACTCAGCCTGAACTGCCGGTGGCAAATCTCTGGACACAGCCTGTAGATGATACAGTCAGTCAGTGGAACCAGAGTGAACCTTCAGAAATAAATTCCTCAACAAAAACTATAGCTGACACAGCCATCTGGACACAGTCTGAATCTCCAGCAGTGAATCCCTGGATACAGTCTGAAAATGATACAGTCATATCATGGACCCAGGCTGAGTCCCTAGCAGTAAATCCCTGGACAAAGCCTATGGCTGATACAGTCACACAATGGGCCCAGGGTGAACCTTCAGAAGTACTTCCTTGGGTGAAAATTGTAGCTGATACACCATGGATGCAGGCTGAGTCCCCAGCAGTAAATCCCTGGATACAGTCTGAAACTAACACAGTCCTACTGTGGACACAGGCTGAATCTCCAGCAGTAAATCCCTGGATAGATACTGTAGCTGGGACAGGCACACAATGGACTCAAGCTGAATCTCTAGCAGTAAATTCTTGGACCCAGCCTGTAGCTGATACAGTCACACTATGTACTCAGAATGAGTCTCCATTATTATATTCCTTGAAAAAGTCTGAAACTCATACACTTACAACATGGACTCTGACAGAATCTTTAGCAGGAAATTCCTGGAGACAGTATGAAACTGATAGTGCCCCAATGTGGACCAAAAAAGGAAATCTAGAAGTAAATCCCTGGGCACAATCTGAAACTGGTACAGTCACAACTTGGACCCAGGCAGAAACTCCAGGAGTAAATTTGTGGCCACAACCTATAGCTGAAATAGTTTCACCATGGACTGTGGCTGAATCTCCAGCAGTAAATCCCTGGACAGAGACTGAGACTGTATTTGATGGTGTTATACCATGGACCCAGGTTGAATCTCCAGCAGAAAATCCTTGGACACAGTCTATAGCTGATGTAGACCTGACTGATTCTATAGCACTAAATTCCTGGACAGAGCGTATATCTGATAGTGTTATACAGTGGACCCAGAGTGAACCTCCAGCCATAAATCAGTGGACACAAACTGTATCAGATACAGTCACATCATTTACTGAGGATGAATTTCATGCAGTAGAGACCTGGACAGACCCTTCAGCTGATGTCACATCATGGACCCAGACTGAAACTCCAGTAGTAGATCCCTGGTCAGAGACTGTAGTTTTCACTGTCACACCATGGACCCAGACAAAATCACCAGTAGTAAATCCACTGATAGAGGCTATAGCTGCCACAGTATTACCATGGAATCAAGCTGGATCTGCAGCAGTAAATCCATGGATAGATGTTGTAGGTTTCACAGTAACACTATTGACTCAGGATCAGTCTCCATCAGTAAAAACCTGGACAGAGGTTGTGGCTTTCACAATGGAAACACTGACTCAGGCTGAATCTCTAGCAATAAAGTCTGTGTCACAGGGAGTATCTGATACAATCTTACTGTGGAACCAAGCTGGATCACCTCTAGTACATCCCTGGACACAGTCTGAAACTGATGCAATCACACAGTGGACTCAGAGTGAATCTCTAAAAGTAAATCCTTGGACACAGCCTTTGGCTGACACAATCACACCGTGGACTCATGATGAGTCCCCAGCAGTAAATCCCTGGACACAATCTGAAACTGACACAATCACAGCATGGACCCAGGCTGAATCTCCTGTAGTAAATCTCTGGACACAACCTGGAAATGTTACAGTCACACTGTGGATCCAGGATGAATCTCTTGCAGTAAATACCTGGACACAGCCTGAAAATAACACAGTCACACCATGGACTCAGAATGAATCACCAGAAAAAAATACCTGGACAGAGGCTGTTTCTGAAACAGCCATGCCATGGACCATGGGATTTTTTCCAACCATGAAGCCCTGGATAGAGACTAAATCTGATACAGTCACACCAGGCACCAAATCTCAATTTTCAGAAGTAAAACTTTGGACACAGCAGTTGTCCAAAACATTGGACACTGAAACAGGTACAGTCAAAACGTGGACTCAGTCTGAATCTCCACCCTTAATTCCCAGCATAGACGCTATAACTTCCGTAGTCCCACTGTGGACCCAGGCTGAATCTCTAGCTGTAAATCAGTGGACACAACCTATAGCTTATAGAGTCACGGAATGGACACAGACTAAATCTCCATCAGTAAGTACTTGGACTCAGGTTCAATTTCTGGCAGTAAATCCCTGGACACAGTCTGAATCAGAGTACAAATCTCCAGCCCTAAAACCATCAGTTGAGCCTGAGGCTAGTGTAGTCACATTGTGGACTCAGACTGAATCTACAGAAGTAAATCTTTGGATGGAGCCTGTAGCTTCCATAGTCGTGCCATGGATACAAGCTGAATATCCTGCAGTAAGTTCATTGACACAGGCTGTAGCTGATACAATTATACTGTGGCCTCAGGCTGAATCTCCAGCATTAAATCCCTGGACAGAGTCTGTAGCAGATACAGTCACAGTGTGGGCCCTGGATGAATCTTCAAGAGCAAAACCTTGGACACAGATATTAGTTTCATCAGATATATTTTGGACCCAAGCCAAAACAGTAAATCCTTGGTCTACTGTTGAAATATTCCCACAATTCACCCAAATTCAATCTGTAGTGGTTAAACCTTGGACACAATTTGAGAGTGACACAGTCACAGCACTAACTCAGAGTCAGGCTCTTGCTATGAATCCCTGGATAGAGATTATCACTTCCAGAGTCAATCCATGGACCCAAGCTGTACCTCCAGAAGCAAATCCCTGGACAGAGATTATCACTTCCAGAGTCACATCATGGACCCAAGCTGTACCTCCAGCAGTAAATCCCTGGACAGACGCTGGTGCATCCAGAGTCACATCATGGGCCCAAGCTGTACCTCCAGCAGTAAATCCCTGGACAGGGACTGGTGCATCCAGAGTCACACCATGGACCCAAGCTGTACCTCCAGCAATAAATCCCTGGACAGACAGTGGTACATCCAGAGTCACACCATGGACCCAAGCTGTACCTCCAGCCGTAAACCCCTGGACAGATGCTGGTGCATCCAGAGTCACTCCATGGACCCAAACTGTACCTCCAGCAATAAATCCCTGGACAGACAGTGGTACATCCAGAGTCACACCATGGACTCAAGCTGTACCTCCAGCAGTAAATCCCTGGATAGAGGCTCTTGCTTCCAGAGTCATGTCATGGAACCAAGGTGTGTTTCCAGCAGTAAATCCCTGGACAATGATACTTGTTTCTACAGTCACACCATGGACCCAGGCTACCTCTCCTCTAAGTCCTTTGACAGAGACTAAAGCTTCTACAGTGAGAATATGGACTCAGAATGAATATTCATTAGTAAAATCCTGGGCACATTCTGCAATTTCCACAGTTACATCTTGGACTCAGTCTGAATATCAAGCAGTAAATTCTTATATACCAAGTGTAACTGATACGGTCATATTTTGGACTGTACTTATATCTGAGTCTAAGAAATCATGGATACTGCCTGAAGCTGGTATATTCAGTATTTCATTGCATCCTCAAAGTGATTCTACTCAACCCTTGATTCAAGGAGAAAATCAAGCATCTCTTCTGTCAACACATCCTGGAATTAATAATGTTAATACATGGCCTTTGCCTGAATTTGAAACACTGATATCATGGATAGTGCCTTTGTCTCAAGCAGCCAGACTCTTACCCCTATCTGAAACTGATATTAGCAGATATTGGTTTAAAACTGAAACAGAAAGAGTAAGAACCTTGACCCACTCAGAACTTCATACAGTGAGTACTTTGACCCAGTTTGAAACTGATAGATTTGAGCCCTTGGCCCAACGTGAAACTCCTATAGTCATATCATGGATTCCAACTAAAACTGGTATATCCCACCTCTGGAATAAGTCTGAAAACTACAAAGTAAGAACCTGGACCCTTTCTGGAGGTGATGCCTTGCGACCATGGATTCAGATTGAAGCTAGTATATTCAACCTCTGGATCCAGTCTAAAAGCAGTACAGTCACACACTGGACCCAGCCTGAGTCTCAGTCAGTCAGTATCTGGACTGAAAGAAATACAGGCACATTTTGGTACCTGACTCAAAATGATGTAGTTAGGCCTTGGTCCCAGCTTGAATCTCAGATGACATCTTCTGGGACCCAAAATGGTATAAGTAGCTCTTGGACTCAGTATGAAACTAGTACAGTCAGATCCTGGACCAAGCTTGAAATCAGTACAGTGCAACCCTGGATTCAGGTTGAAACTGCTACAATTAGATCATGGACCCAGTCTGAAAATATAGAAATATACCCCCTGACCCAGCTAGAAGCTGATACAGTAATAAGACACTGGTTCCAGACTAAACTGGATTCAATAAAACCTTGGAACCAGCCTGAAGCCAATACAATTAGATCATGGACTCAGCCTGAAACTGAAACAATCCAAATTTGGACCCAGACAGAGGGGCAAGTAGTAAAACCTCCAATTTTATTGGAAGTTGATACAATTACATCTTGGTTACAGACTCAAAGTGATACAGTTCGACCCTGGATTAAATCTGACTCCCAGTCTGTCAGTCCCTGGAGTCAGGCTGATGGTATAAATCACCCCTGGATTCAGCAAAGAGGTACTGTGAATCAACCCTACTCGGAAATCCAAACAGTCAGACCCTGGATGAAGCTAGAAACTGATGCACTTAGATCTTGGTTCTACATTCAAATGAATAAAGTCAGACCATGGACCAATTCCGAATCTCAGATCTTCAGCTCCAGGTTGCAGCCTGAAGTTGGTATGGTTCACCCTTGGATCCATCCTGAAACCCAAGCAGTGAGATCCTGGGCCCAATCTGAAACTGGTATGATTACATCATTTGTTATTCATAAACATGACAAAGTCAGAACATGGATCCATACTGAAGTAGAAGTCAGACCTGACAGGCAGTATAAAGCTGATAGAATTACATCATTTGTTCCTTCTGAGCTCTGTCAAGGAACTGTCTTCCTCAAATTTACTGAAGAGCACATTCTTTCTCATACTTTTTCATATCGGCTTGCTGCTCCAGCCACCCTTTTAAGAAAAGAACCTTCTCTGATGCCTGGGTCTCAATCTGGAACCAAGTCTAATCAGCCTGAACAAGATCCTCTCAAGTATTCACAACTCAATGTTTCTTTGGCTGAGTGTCACCTGGATGTGGCCTGGAAAGAGAGTGTCCAGGCTTTCTGGCTCTTCAAGACAGCTGTTATTTCTCATGAAGCCACAGGCAAAAAAAACTCAGAAGCACTAGCTCTGGTCCAAGTGGGGCTTACTGATCTTCAGGAGCCTGCTCAAGCTCAAATTGTAGGCATTCACCGTGCCATGCCCTACCTAGGTCCCAAGGGACCTTTGGGTCCTGGGCTAATCTTCCTGAAACAGCCCCTACATTTTCAACCCTTGGTGCTTCCTATCTGCCTAGAGGAGAACCTGGAGCAAGAGAAAAATATACAGCTGTATGACTGCTGGCTACCCAGTTGGTCCCTCATGAGAGGAAGTCCTGGAATTCTGCAGAAAAGGCACCTAAGCATACTGCAAGTCAGCACATGTGCCCAGTTTTGGCCCAAGCTGAATGAATTCACTTTCTGTGTGGAAGCCAAGAAAGCTCTTGGCGAGGCTGGCTGTAAGGGTGACTTAGGGGCACCTCTGGTGTGCCATCTACAACAAAAGGACACATGGGTGCAGGTGGGAATTTTGAGTCACTTCGATGAACATTGCACAAAGCCCTACGTCTTCAGCCAAGGAGTTACACGGCCCAGCCATGCACCATGGTCCCAGCCAGGGGCCATGACTACCTCTGCTTCCACCTCCCTTTCAGTCTCTACCTCTACAAACGCCTCAGCTTTTACTGCCACTCCTGCTTCTGTTCAGCCACAGTTCATCTCTCTGCCACAGCCTCAGAGTAAGGCCCAAGAAAATGGTAGTGAGGGAGCTTTAGCAGATCGAATTTCTCTACGATATGCCATGCCTTGGCAAGCCATAATCATCAGCTGTGGCAGTCAAATTTGCAGTGGTTCCATTGTTAGCAGCTCTTGGGTTCTCACTGCTGCCCACTGTGTCAGGAACATGAATCCTGAAGACACTGCTGTAATATTAGGCCTGAAGCACCCTGGAACACCTCTGAGAGTTGTTAAGGTGTCTAACATTTTACTGCATGAGAGATTTCGGTTGGTGAGTGGGGCAGCAAGAAATGATCTAGCACTGCTGCTCCTTCAAGAGGTCCAGACTCCCATTCAGCTCTTAGCACCACTGGGACATCTGAAGAACCTCAATAGCTCAGAATGCTGGCTTTCTGGGCCAAGAGTTCTCAAACCAGGAGAGACAGATGAGAATCCAGAAATGTTACAGATGCAGGTGATGGGAGCTTCAGGCTGTGCCCACCTCTACCCTGACATTGGCAGTTCTATTATCTGCTTCATTAGTCCCGCGAAAGGCTCTGATACAAATGTGAGAGAGACAGTGAGAGAGGGAATACAAGCAGGGGGAGTGGGAGAGGGAGAAGCAGGCCCCCCGCCGAACAGGGAGCCTGATGTGGGGCTCGATCCCAGGACCCTGGGATCCTGA

>Mouse, Mus musculus (KJ780361)

ATGAAAACCATCTCACAGTGGACACAGCCAATAACTCAAGCAGAATACAAAGGAAGAATATCTGAAACTGAAAAAAATAGGCTCTGGAAACCACCTATGCTTGATGAAGTAAGAAACTGGATACATCATGAAGTTTATACAATTAAGATCTTGGATGATTTAGATGTTGGTATAATTAAACCAAGGGTACAGAAAGAAGCCAAAACATTAATAAAACGGAGGCAGGCTGAAACTCCAAATGTAAATTCCCAGATACCATATGAAATTGACATAGCCAATTTATGGAATCAAGATGAAACACCAATAACTAATGACTGGAAGGACTTATTAGAAGATACAACATGGATGAATTCGCAACTTCAAGAACTAAATGACTGGACACAATCTAAAATTGATAGATTCACAAGATGGACAAAGACAGAAACACCACTATCAAGTCTCAGGACTTTGTCTGAAATGGATACATTTACACAATCAGCCATAAGTAAATCTTCAAACATAAATCTCTTGATAGATTCTATAGTTTACACTGTGCCATCATGGACCAAAACTCACTATCCAGAAATAAATTCTCCAGTAAAGTTTAAGGGTGAAATAATTACAATATTGGCCCCTGAGGAATATCCTACACTAAATCTATGGAAACAGATTGAAGTAGACATAACCACAAAACTGACCCACATTGAATCATCGCTGGGATCTTCATTTACATTTCCAGGGTCTACTATAACCATTTTTAACCAGGTGAATTCTCCATCAGGAATGCATTCAGTGAATCCTGACTATGATGAAATAACTACATGGCTCCCATCCAAAACACTATCAATAAATCTCTGGACTTCACCAGGTAGGAATTCAATCTTGACTCATGAAGCTTCAGGAAAAACTCTCTTCTCAGAAATAAAATATACAGATATTCCATGGTTTCACACTGATGTTTTTAGAGAAATCTCATTGACACAGGTTGAAACTATCTCAGAACTGGTACTAGATAATGCTGAAACTGTAAGTGTGTGGGCACAGATTCTTGATACTTTGGAAAAATCATGGACAAAAGATAAATTCCAAATACTCACTTCCTTCAGAGGGATGAGAACTGATAGTTTTACACCATTGATTCAGACAGAGTCTCCAACATCTAATACATGGCCACTCCATGTATCTGATAAAATCAATTTATGGACTCAAGCTATACATCCAACAGGATATCAGTTGACAGAAAGTGTAGCTCCAACTGTCACAGTGTGGCTGAAAAGCAATCCTCTGTTAGTAAATTTATGGCTACAGGAAATATCTGATAGAGTTGTAATGCCATTGCCCCAGGTTGAATACCCACCATTAATCCTGCAGTCACTGGCTGTAACTTACACAGTCATATCACAGTTACTTCAAGCTGAATATGCACCAATTAATTTGTGGAGAAAACCTGTGTCTGATATAGTCAGAATACCATGGAATCAACCTGAATTATTTAATCAGAAAACACATCTGGTATCTAATACAAGAATGCTTCCATGGCCTGAGCCTGAACAGATACCCGAGTATTTATGGCTACTGCCAATAAGTGATACACTCATACCACAGTGGCCCCAGAATAAATCTCCTAATGTAAATATGGTGTCACCACTAAACTTTGATGCACTGATAATATCTACATCACCAGGACCACAGAAGCCCACATCTGAAATGAATCTAAAGATACTACTTGCATCTGATAAAAAGACAACAGTTTGGTCTCAGAGTGAATATTCAACAGGAAATATGCTTATATTACCTATGTATGACAGAGTCACATCTAGGTCCCACAAAGTAGAGTCCTATGAACAACATAAAATGGGTATGCATTCTGCTACTGGTGTATCTAATGACTGGATCCAATCTGAAACAGAAAGTATAAGATTCTGGAATGTTTCAAAAGACAATACATTAAGGCCACAGTTACAAATTGAAGAGAGCACAGACAATGCTTCAATCCAGCTGAAATCTAATACAGTAAAAGTGTGGTCTCAGGCTGAATCAGAAGTAATTAGGCTTTGGACTGAGTCTGTATCTAATATACCATTGTCACAAGCTAAAATAGAACCAGAAAAGTACTTGAACATGTCTGACATTAATGCTATTTTATCTTGGTTCCAGATTCAAAAACTTTCAACAAGACAAAGAACTAAACTTGAATACAAAACTGTTAACCCCTGGCTCCAGCAAGAATGGCAAATAGCACATTCCTGGAATGAACTTGAAATAAAGGTAGTAAAAACTAGGTCAGATTTTAAAACAGATGCATCCCAGATATTCTTAACCTATACAAAGTCTGATGAAATTAAACTTTGGACTCAAGCTGAATCGCAGCTTGTCAGGAGATGGCCTGAAGATGTTATATTCACACTTTGGTCCCTGACTAAGAATGATGCTATTAAGCCATGGCCAGAACTGGAGTATAAAACTACACAATCTTTGGCACATCTTAGTGTTGGTATAATCAATCCTTGGATTCAGTGTAAGCCTTCTACTGAAACTCTAAATATGATTTCCTGGATTCATTTTGATACAATAATACCATACTCATTACAGACTGAAATAGATTCTACATTTCAATCTCTGACTCAAATCTATGCAATTAGGCAATCCTCACGACCAGAATATGAAACTACAGAATTGTTTACACATTCTAATGTTGGTATAACCTATCCTTGGATTCAGCATGCGACTTCTACTGAAACTCTAAAAATCATTCCCTGGATTCATTCTGGTACAGTAATATCATACTCATTACAGACTCAAATAGATTCCTTATTTCAGTCCCTATATGAAATCTATTCAATTAGGCAACTGTCACATCCAGAATTTGATATTACAAAATATTTGGCACATCCCAATGTTGGTATAATCAAACCTTGGGCTCTGCATAAGTCATCTACTGAAACTCTAAGAATCATTCCCTGGGCCCCTTCTGATACAGTAATATCATACCCATTACAGACTGAAATAGATTCTACATTTCAGTTCATGACTCAAATCTATGCCATTAGACAATGGTCACAACAGGAATATGAAACTAAAGAATCATCGACACAGCCTAATGTTGGTATAACTTACCCTTGGATTAAGCATAAAGGTTCTACTGAAACTCTAGATATCATTTCATGGACTCATTCTAGTACATTATTATACCCATTAGAGACTCAAATAGATTTCACACTTCAGGATCTACCTCAGAATTATGCACTTAAACAATCATCACAGTCAGAATATGAAGCTACAAGATCTTTGACACAAACTAATGGTTATAAAATCAACCCTTGGATTCAACACAAAGCATCCACTGAAACTCAAAAAATAATTTTCTGGACTCACTCTGATGCAGTAATATCATATTCAATGCAGACTCTAATAGATTCATTTAGATTTTGGAACCAGTTTCAACCAAAACCAACCCAAATTTGGAATCCAACGGCAGAACAATTTGGAGAAACATCAGTTTTGACTAAAGTTGGTACAGTAACACCATCAGTTCAGTTTCAAGACACACTTTTAAGGAAAGAACCTATGTTGATGCCTCCATCTCAACCTGGCCTTCAAAATAAGCATTTAATAGAACCACAATCAAGAATCAATGTTTCATTGTCTGAATGTCATCTGAGTATGATATGGAAAGATAATCTTCAAGTTCTATGGCTCTACAAAACAGCAATAGTTGATCATAAAACCACAGAATGTGGCTTACGTCCTGGACTTGTTTCCCATTGTCCCAACTGCTGGGAAGCTGAAATAGGTGAATTTCCCTGGATAGTCTCTGTGCAACTTTCTTACTCACACTTCTGTGCAGGCTCTATACTTAATGAAAGGTGGATTCTTACATCTGCTCGATGTGCCAATTTTGTAAAACGGTCAGAAGCCCTGGCTTTAGTCCAAGTGGGGCTGGTTGATCTTCAAGACCCTACCCAAGGTAAAATCGTAGGTATCCACCGTTCCATGCCATATTTAGGTCCTAGTGGACCATTAGGACCTGGTCTAATCTTCCTGAAGGAGCCCCTTCATTTTCAACCTTTGGTGCTTCCTATTTGCCTGGAGGAGAGTCAGGAGCAAGAGAAACATATCCAGCTATATGACTGCTGGTTACCCAGTTGGTCCCTTATGAGGGGAAGTCCTGGCATCCTGCAAAAAAGGCACCTAAGCATCATGAAAGTCAGCACTTGTGCCAAATTTTGGCCTCAACTGAAAGAGTTCACTTTCTGTGTAGAAGCCAAGAAAGCTATGGGGGAATCTGGTTGTAAGGGTGATCTTGGGGCACCATTGGTATGTCATCTGCGACATAAAGATACATGGATACAGATGGGAATTTTAATTCACTTTGATGAAAACTGCAATAAGCCCTATGTCTTCAGCCATATTAGCCCTTTTATTTTGTGGCTTCAGAGAGTTACACAGCCCAGCTATGCCCCCTGGTCCAAACAAAGATCTGTGACTATTTCAGTTTCCAATTCCTTGTCAGTCTTTACCAAGAGAAAACTCTCTACTTTGAGATCTTCAACTGACTCTATTCATCCACACTACATCTCTCTGTCACAGCCTCAGGCTTTGGCAGATCATATTTCTCTGCAATATACTATGCCATGGCAAGTTCTTATTTTCAGTTGTGGCAATCAGATCTGCAGTGGCTCCATAATTAGTAGCTATTGGATTCTCACTTCTGCCTACTGTGTCAGGCACATGAATCCAAAAGATACTGTTGTGATACTGGGCCTTCGGAATCCCAGGGATACCTCTGAGAGTTGTTAA

>Mouse Lemur, Microcebus murinus (BK059441)

CCTAATTTATAAATATGTATTATGTATAAACATATATAATATATGTATCTATATGATCTATAATTCATAAAGATGTGTAATTTATATATAATTTTTACATGCACATTTTAATATATGTGTGTTATATGTCTGTCAATCTGTATCATTACTTGTATGGATATAGATATATATATATGGATTATTTATGGATTATATATGGATTATTTTTGTTTTTTCATTCAGGTTCAGCAAGGTAGTCCTGTTTTCTGTGGCTTTGGCAGTCACTGGGAACTGGTAGGCCTGGTCAGTGGGAACTCAGTGGCCTGTTATGACCCTATTCTTGTCATCAAGACAGCCCCATACATATCGTGGATGAGATGGCTTATCAAGGCATTCCAGAAGCCACTGGATCCTATTTTTTCCGTAGCCTGCAATTTTCCTCCTGGAGTAGAACATGGTCCACAAAATAGGCTTAGTCCTAGCACAGGCTTTGTCCCTTTAGCCTCTCACCGATTCTCTATACAATCATGGAGAGGAAGATTAGGCACTTCCCCACTGAACAGACAACGACGGGATCCTCCTTCAGTAAATTTTGATTCAAATAACAGAGTATTTTTTCCTGGCAATAGACAGTTATACTTTCAAAGTAGTCAGCTCTCCGTGGCTAGCAAATTCCCAATGATACAATCCTGGACCTCTCCTGTTTACAAACCATGGGATCCTTTTGCTATAGCTGAGTCCTGGAGTACCCCAGTAGCTGATACTTTTCAATCTTTGGTTCTTTCTGGACTCAAGAACTCCCAAACAGCTGCTGTATCTATACCTTGGGACTTTCCTCAGAGAAATGCGATGCAATATCAATATCAATCTTTGACTGACTCAGTAAGATCCTGGATTAAACCATTAGCTGATATAAGTGGGTTTCATACTGTACCATTATTTAATGCTGGTGATGGATCATGGGTTTTGTTTTCAAGTGACATAGATGAATCCCAATTTTCTTCTGAGATTAATGCTGTTCAGTCTCAAATTGAATCTAGTGAAGTTCCTCCTAATGTTCAACTTATAGGTAGACCATGGCTAGAAATTATTCCTGATGTTGGGACTTGGAAACAATTTGTGCCTTATAAAACAGGAACAGTGATACAGATTCAATCTAGTGAAGAGGGCATTAGAACTCAACTATACCATGTAGAGGATAGAGTGAATACTGTTGTTGATCCAGTAACCTCTAACCTACATCCATTGGTCCCTTTAATGGTTAATAAAATTGAATTATGGGCTCATTCTACACTCAGTGAAGAAGGATCCCACTATCCTACAGTGACCTATAATTTGGATCCATTGTTTCAGCCAGTCTTGAATATGTTTGGAACAGAAGAACCTATGGAAAAGACAAATGGATACTGGATTCTCTCTGAATCTAAATCAACTCAATTTTGGACTTCCTTCACACTTAATATGCCTTTCTCCCGGGCTCTGTCTTCTGATGATATGACTAGATCTTGGACTCAATACAAAGCTAATATGATCAGACCCTCAAATCAATTGAATAGAATTAATCCACTGAATAAGCATCAGGCTATTGTACTCAAACCCCAGATGATGGCTAATGATAAAACATGGCCTTTGATCTATCCTATTACAAATGTAATTGAGCCCTTGATTCACTCTAAATTTGATGCTATCAGACCCTGGACTCATCCAGAAGCAGATATATTCCAAACCTGGATCCAGCCAGAATCCCAATCAGAAAAACTATTGACTCAGCCAGAAGTTATTACAAGTAGATCATGGTCACAGACTACAACTGAAAGAATAAGACCCTGGATTCAACCTAAATTTAGACTATTCAGAACTCAGACTGAGGAAGGTAAAGGTAAACAATGGACCCAGCCAGAAGCAGTTACTGTTAGATCCTGGGCCCACACTGATATTAAAACAATCATACTCTGGAACCAGCCTGAATCTGATTCAGTCACAGATTTGTTCTTGGCTAAATTGGATCAAATGAAAACAATAATCCAACCAGACTTTAACACTGTCCATGCCTGGACCCAGCCTATAATCAGACTATGGACTTTGTCTGAAGTTGGTAGCATCCAACCATGGACAAAGCCTGAAACATTTACATTCAGGACTTGGATACAGTCTGAAGTTAATATGGTCACACCCTGGACAAAACTTGAAGCTGATGCAGTTAGACTTTGGTTCCAGACACAAGCAAATGCAGTAAGAACTTGGAGCCAACCTGAATCTCACGCCATCCTTTCCTGGTCTGAGAGTGAAGCTGACAGAGTCAGATCTTGGTTCTATACACAAACTGATTCATTCAAACCTTGGATTGAGACAGAAATTCAAACAGTTCACCCCTGGACCCAGTCTGAAGGTGATGTAGCCCAACTTTGGACTCAGACTGAGGCTGATACTGTAAAACCTTGGTTCCAGATTGAAGCAAAAACAGTCACACAATGGACAGAGAAAGTAACTCAGACAGCTCACCACTGGATACAGTATGAAAGTGAAATGGTCAGGCCCTGGAACCAACCTATGGCTGATAAATTAAGAGCTTGGATACAACATGAAGCTCATAAAATTAGACCTTGGGATAAGCTTGAAGGTGATAAAATTAAATTCTGGACCCAGTCTGAAGCTGACACATTGAGATCCTCCATTCAAGCAGACATTGATATAATTAACCCTTGGGTACAAAATGAAGATACACTAATACCGTGGATTCAGGAAGAGTCTAAGAAATTAAATCCCTGGACACAGTCTGAAACTGATCCAGTCACACTGTGGACCCATGTAGAAATTCCAGAAGTAAATCCCTGGGCACAATCTGAAACTGACACAGTCACACTGTGGACCCAGACTGAAACTCCAACAATATATCATTGGGCAGAGATGCTAGCTGATATAGTTACAACATGGACAAAGGATGAATTTCAAGGATTAAAGCCCTGGAGAGAATCTGAAACTGAAATAATTACATCATGGATTCATACTGAATCTTCAGGAGTGACTCTGTGGACACAGACTGTATTGGATACAATCATATTGTGGACTCAAGATGAATCTCCAGCTTTAATTTCCTTGACAGAGTCTGTACCTGATCCAGTCACACCGGCAACCCAAGATGTACTTCCAGAAATGAATCCCCAGGCTGGACTGCTAACAATAAATCCCTGGACAAAAATTGTGCATAATATAGTCACACCATGGTTGCAACCTAAATCTCCAGCAGTAAATACATGGATCCTGTCTGAATTGGATCCATTTTCATTGTGGACACGGGCTGATTTGTCCTGGACACAAACTGGCACTGAATCAATTACACTGTGGACCCAGTCACAGTCTCCAGCAATAAATCCATGGAATCAGCTTGAAACTGATATAATCACACCAATGACACACACTGAATCACCAATAGTAAATTCATGGACATATTCTGTATCCAATACAGTCACAATGTATACCCACACTGACTCATTAGATCCATGGACACATGATACAGTCACAATATCAATTCAGACTGAAGTAAGTTCATGGACAGAGTCTGAAATGGATATTTATGCACCTTGGACCCAGGCTAAAACTCTAGCAGTAAATGCTTGGACTCAACCTGTGGCTGATACGGTCACACCATGGACTCTGGATGAACCTCTAGCAGTGAATCCCTGGACAGAGACTGAGACTGAGATTGTCACACAATGGGATCTGGATGATTCTCTAGCAGTCAATCCATGGACACAGACAATAACTGATATAGACAAACTGTGGACCAAGGTTGAATTTCCAACACTAAACTCTTGGATACAGTCTGAAGCTCATAGTGTGACACCATGGATTCAGACAGAGTCTCCAGCAACAAATCTATGGACACGGTCTGTTTCTGATATAATCAAATCATGGACCCCAGATGAATCTCCAGCTGTACATCCCTGGGCACAGGCTATAACTTCCATAATCACAACTTTGACCAAGGCTGTATTTCCAGCAGTAAATCTATGGACAAAGTCTGTAGCCGATAACATCACAGTATGGATCCAGGCTGAACTCACATCTTTATATCCATGGTTACTGCCTTTGCCTGACACAGTCACACCAGGGCCCCGGGCTGATTCTTCAGCAATAAATCTATGGTCAAAGCCTATGTCTGACATAGTCACTTTGTCATCTCAGGCTGAAATTCCACTAATAAATTTTTTGACATATCCTTTGCCTGATACAGTCATACGATGGCCCCACGAAGAATCTTCAGGAACAATTCACTGGACTGAGCTTGTACCTGATATGTTTACACTATGGACTCAGTCTGAATTTCTAACAGTAAAGTCCTGGATTCAGTCTTTATCTAATACACACATATCATGGACCCAGGATGACTCTCCAGTGGTAAAGTACTGGATAGAGGCAATATCTGATACAGTCACACTATGGAACCAGATATCACCTCCAGTAAATCTGTGGACACAATATGAAACTCATGTGTTCACACAGTGGCCCAGATCAGAATCCTCAAAAGTAAATCCCTGGACAAAGCTTGAAACAGATACTGTTACACTATGGAACCAGGCTAATTCTGAAATCCCCAAACCCTGGACACGTGCTTTGGTTGATACAGTGACACTGTTGACCAAGGGTGTTTATCTAGCAGTAATTCCATGGAGACAGACTGAAACTGCAACAGTCACAGCATGGACCCAGGGTCTATTGCCAGCAATAAATCCCTTACCAGTGGCTATAAGTGGTACAGTTGCACTGTGGAATATGGCTGAAACTCTGTCAGTAAAGCCATGGACACACTCTGCAACAGAAATAGTCAGAGAGTGGACTCAAAATGAATCTCCCGCAGTAAATCCATTGATACAACCTATATCTGATATAGTCATTCTTTTCACCCAGATTGTTAGTTCAGCAGGAAATCATTGGACAAGGTCTGAAGCTGATGCAGTCACACCATGGACCCAGGTAAAATCTCTAGGAATAAATGATTGGAGACAGGCAGTATCTGAAACAGTCACAACATGGGCCCAGGATGAATTTTCAGAAGTAAAACTTTGGGCACATTCAGAGGCTGGTACAGTCATACTGTGGCACCACACTCTATCTCCAGTAGTAATTCCCAGGATGGAGGCTCTAGCGGATACATTCATGGCATGGACACAGACAGAATCTCCAACAATAAACCCCTGGATACATCCTTTACCTGATAAAGTCACATTGTGGACTCAGACTGAATATTTCTCAGTAAATTCTTGGAACCAGGCTGAATATCGAAAATTAAATCCCAAGTTACAGTCTGAATTTCCAACAGTAAACTTCTGGACAGAGTCTGAGTCTTCAACCCCAAATCCCTGTATACAGACTGAGAATGGTATAGTAGTCAAACCGTGGAACCATGCTGAATCCCTAGCAGTAAATTCTTGGACATATCCTATAGCTGATACAGTCACACCATGTATACAGGCTGTATCTCCATCATTAAATTCCTTTTTAGAAACTAAAAATCATACAATAAAAGCATGGACTAATATGGAATCTTTACTAGTAAACCCCTGGACAAATGCTAAAGCTTCCATAGCTATAACCTGTACCCAAGATGAATATCCAGCAGTGAAACCCTGGACACAGCCTGTATCTGATACACTTATATCATGGACCCATGATGAATTTTCATCAGTAAATCCATGGACACAGACTGTAGCTTCCACATTGTTACCATTGACTCAGACTTTGGCTTCAGGTGAAAATACCTGGAAACAACCTGAATCATTTACCCCATGGACACAGTTTGGATATCCAGCTGTGAATCTATGGACAGATGCTATAGCTTATATGGTCACACTTTGGACCCCAGCTGACTATCTAGTAGTCAACACCTGGAGAGAAGCTGAAGCTTCTTCCACAGTCACATCTTGGAAACCAACTGACTCTCCTGTAAATTTACTCTCACCTGTAAATTCCTATATACAGAGTGAAACTTACATGAACACATTTGGGACCATGCTTAAAACTGAATTTAAGAAACCTTGGGCACAGCCTGAAGCTAATATATTTAGAGTTTCATTACAGCCTCAAATTGATACTCCCCACTCTACAATTCAAATTGAAAATCAAATGTCTCTTCTGTGGACACATCCTGAAATTGAAAACATCAATACATGGACCTTGCCTGAATTTGGGACACTGATGTCCTGGATAGTCCCTGTTCGACAAGCAGCCATATCATGGCCCAACCCTAAAGCTATAATTACCAGAACTTGGTTTAAAACTCAAACAAAAAGAATAAGACCTTGGATTCAGCCAGAATTTCAAACACTCAGTCCATTTGGAGATGATAGAGTTGAGTCTTGGAGCCAACATAAAACTGCTATAGTCATATCATGGGTCCAGTCTGAAACTGGTATATTCCACCCCTGGACCCAATCTGAGGTAGACACAGTGAGACCTTGGACCGTTTCTGAAGTTGATAAAGTAAAACTATGGACCCAAAGTGAAATAGGCATAGTCAACACCTGGACCCAACCTAAAACTAATACTATCAGACCTTTGGCCCAGGCTGAATCTCAAGCAGTTAGGTCCTGGTCTCAGTCTTTACCTAATATAGTCACAGGACTGACCCAGGATGAAATGCAAGCAAGAAAACCCCTGACTATCCCTGCCATTAGTATTTTCAGTCCTTGGTTCCATATTCAAAGTGATACAGTAATACAAGGGACTAAACTTGAACCTCAAACAGTCACTACATGGATCCAGCCAGAATGGCAAAGAATAAACCCCTGGAACCAGCCTAAAACTAATGTAGTCAGACCCTGGGCCCAGTCTGAAAGCGATTTTGCCCATCCCTGGATCCATGATGAAACCAATAAAGGCAGATTATGGACCCATTCTGAAATGGATAAAATAAAATCATGGGCTCAGCCTGAATCTCAAGTAATTATGACCTGGCCTAAAGCTGATACAATCACATTTTGGTCCCCAATTCAACATGATGCACTTTGGCACTGGACCAAACTTGATTCTCAAATGATACATTCCTGGACCCAGTCTGAAATTAGTATAACCAACCCTTGGCCTCTACATGAAATTGCTACAATCAGACCATGGAGTCAGTCTGAGATTGATCTCTGGATCCAGCCTGAAGCTTACAAAGTGATAGGATACTGGTTCCAGACTCAAATAAATTCAGTAAGACCCTGGAACCAAGCTGAAATGGAAACAATCCAAACTTGGACCCAGACTGTAAGACAAATAGTAAAACCCCCAAACTTGACTGAAGTTGATATAGTCACACCTGTGGTACAGACACAAAGTGATATATCTAGATCCTGGATTCAATCTGACACCAAGTCAGTCAGTCACTGGACCCAGACTGGAGCTGGTATAGTTCAGCCCTGGGGTCAGCAAAGAATTGCTACAAATCAACCCTTGACCTATCCAGAAACCCAACCAGTCAGACCCTGGATCAAGCTGGAAACTGACAAAGCTAAATCTTGGTTCCACATTCAGATGAATGAAGGCATACCATGGACCTCTTCAGAATCTCAAATATCTAGTTCTTGGATCCAGCCTGACATTGGTTTAGTTCATCCCTGGATTCAGCCTAAAACCCAAGCAGTCAGACTTTCTACTGAGTTTGAAACTTTCGTAGCCAGATCCTGGTCCCAAGTTGTATCTCACATATTCAAACCATTGATTTTGTTTGAAGGAAGAACACTCACATCCTGGACTCTGCCTGTAACCCAAGCAGTCAGACCCTGGACCCAGCTTGAAGCTGCAATTATTGCATCATTTGCTATTTCTAAACCTGACCACATTGTAACCTGGATCCAACATGGAACAGAAATAGTAAGGCCTGGAACCCATTATAAAGCTCATATAATTGCATCATTTACTCCTACTGAAGTTGAGTCACCTGCAGAAACCCTCTTAAGCACCCATTTTGGCTTCTCATCTAAATATGTACCTTTTTTACCAGTAGAAACTATTCCTTCTCCAGATCAGTATTTTATAGCTTTGTCACTTGAGATAGCTGCTACCGAAAGCCACGATAAAATCAATTCTCTTCAACCCACCCAGCTTACAAACACTTTGAGTCTGGGAAGAGTTGGTTACAAGAACTATGACAGCAAATCACAAATTATCAAGATGAAAGAAAGCCCTGATACTCTGTCTACCTCTCTTGTCTCTCCTTCCTCATTCTTTTCCTTTACTCCTTGTTTTCTCCCATATCCATGTACATTGTACCCTTCTTGTTCAGTCCTTTCTTCTTGCACATTCCCTTCATCTTGCATTTTTCCATCATGTTCCATTTTCTCTCCTGTGGACTTCTCTCCTCTTCTCCTGCCCTTAGCCTCTTCTGACAGTCCCCTCCAGGAACTCTCTTCCTCAAAATTTACTGAAGAGACCATTCTTTCTCAGACTCTTTCTTCCATGCATGCTACACCAGCAACACTTTTAACAAAACAATCTCCTGTGATGTCTGGATCTCAGTCTGCATGGAACCATCAACCTGAACAACCATCTCTCGGGCATTCAGAAATCAATGTTTCCCTGGCTGAGTGTCACCTAGGTTTGATCTGGAAAGAGAGTCTCCAGGCTTTCTGGCTCGTCAAGACTGCTGTTATTTCTCATGAAACCACAGGCAAGTTTAGTGTACTCATCTCTTTGAAGTGTGGATTACGCCCTGGCCTTGTCCCGCACTGTCCCAACTGCTGGGAGGCAGAAATGGGTGAATTCCCTTGGATGGTTTCCGTGCAACTCTCTTTCTCTCATTTCTGTGCTGGCTCTATACTGAATGAGCAGTGGATCCTTACTACAGCAAGATGTGCCAATTTCATAAAAAACTCAGAAGCTTTGGCTCTGGTCCAAGTTGGGCTTACTGATCTTCAAGACCCCCCTGCCCATGCTCAGACTATAGGAATACACCGTGCTATGCCTTACCTAGGCCCCAAGGGACCTCTAGGACCTGGGTTGATCTTCCTGAAGAAGCCACTACGTTTTCAACCCCTGGTACTTCCTATCTGCCTGGAGGAGAGTCTGGAACAACAGAAAAAAATACAACTGTATGATTGCTGGCTGCCCAGTTGGTCCCTCATGAGGGGAAGTCCTGGAATTCTTCAAAAAAGACATCTAAGCATTCTGCAAGTCAGCTCTTGTGCTCAATTTTGGCCCAAGCTGAATGAATTCACTTTCTGTGTGGAAGCCAAGAAAGCTATGGGGGAAGCTGGCTGTAAGGGTGACTTGGGGGCACCCCTTGTATGCCATCTACAGCAAAAGGACACATGGGTGCAGGTGGGAATCTTGAGTCACTTTGATGAACATTGCACAAAGCCCTACGTCTTCAGCCAAGTGAGCCCTTTCCTTTTCTGGCTCCAGGGAGTTACACGGCCCAGCCATGCACCCTGGTCCCAGCGAGGGCCGGTGACTACCTCTGGTTCCATCCCCCCTTCAGTCTCTACTTCTACGAATGCCTCGGTTTTTACCTCCACACCTGCTTCTATTCGGCCACACTTCATCTCTCTGCCACAGCCTCAGACTTTGGCAGATCGGATCTCTCTCCGATATGCCATGCCTTGGCAGGCTATGATCATCAGCTGTGGAAGTCAAATCTGCAGTGGTTCCATAATCAGCAGCTCTTGGGTTCTCACTGCTGCCCACTGTGTCAGAAACATGAATCCTGAAGATACAGCTGTGATACTGGGCCTGAGGCACCCTGGAGCTCCTCTGAGAGTTGTTAAGGTGTCTACCATTCTACTCCATGAGAGATTCCGGTTGGTGAGTGGGGCAGCAAGAAATGACCTAGCATTGTTGCTCCTTAAAGAGGCTCAGACTCCTCTTCAACTCTTAGCACCCTTGGGACATCTGAAGAATCTGAATAGCTCAGAATGCTGGCTCTCAGGGCCACGAATTCTTAAACCAGGAGAGACAGATGAGAATCCAGAAATGTTACAAATGCATGTGATGGAAGCTTCAAGCTGTGCCCACCTCTACCCTGACATAGGAAGTTCTATTGTTTGCTTTGTTACTCGGGTCAAAGGCTCTGATGCAGACATGGAGCCAGTGACTCCAGGAAGTGCTGTTATGTGCAAACTGAAATCTGGCATTGGAAGTTGGAGACAGATAGGCTTCACCAGTCTCAAAACGCTAGCTACCATAGTCAGTCCACACTTCTCCTGGATCTTATCTACTTCAGCAAAAGCAGAGCATCCCCTAAACCAAGCCCACACGCCTTGGATGGAAACCCCAAAGTCCTCCAGTCTCCTTAGGCAGGCAATAGCAGTGCCACTGTCTTCGGTAATGATTATGGTATCCCAGTCTTTTGTAGCCCAGTGTCTATACTAAGTACTAGTAATCTAAATACACTATGGTGAAACACCAGAAAACAAAGAAAAAAGATTTCTTTATTCCTTATAGTATTTCTCTCAATATTCCTTCAATAAAT

>Newt, Japanese Fire-bellied, Cynops pyrrhogaster (BK059520)

CGGCCTTCCTTCCCTCCAGCGCCGAGAACCAATGGCTGCTTCCTGGATGCAGCCCCAGCAGAGGCCCTGGGAGAAGGATGAGACTGCCGCTGCTCCTGCTGCACATCCTGGGACTGCAGCGCTGCGCGGGCTACTGTGGCATCCGTAACCACCGGGGCAGGGCGTACCCAGCAGCTTCGGACATCCCCTGGCTGGTCTCAGTGGCTGGAAACGGGCAGATCTGTGAAGGCGCTATCATCGACAACTGGTGGATAATAACAGCTGCCAGCTGCCTTGTCATGACGAAGCAGGGCCGAGTTTCAGGAAGCAGAGTCCTAAGTGGCGTGCCGGGCATGCAGGTGAACCGAGCCATCATCCACCTGGAATACACCTCCGGCCCTGGGGACACATCTATGTTTGACATCGGCCTCATTCTCCTGAGGGAGCCGCTGGCCTTCCACCAGAACCTCTGGCCAGCCTGCTGGCCTGCAGAGGACTACAACATGCTGGGAGCCACACACGCCTGCTGGATCTTGGGAGTGCGGGCCATTGATGAAGACCCACGGTACTGGAGTGGGGGTGTCCACAGGATCCAGGTGCAGTTGGTGGAGCCATCAGAATGCCTCTGGTACTGGCCTGACATAACTCGACAAGACCTGTGTGCCAGGAATAAAGCGAGGACGAAAGGACGCTGCCAGATCCGCCGTGGCAGCCCACTCGTTTGCTTTGACATTTTCCACACCAAATGGGTCCTGGTTGGTTTAGTAGGACGGGCGTTGAAAGACTGCCAAGTGCCTGCCCTCGCCACCAGAACATCAGTCTTCACGGAGTGGGTCACTCGAGAGACAAAGACAGCTGGACATCCATTCTACCCTACAACTTTCATGCTGACTTCTAAACACCGAACTCAGCGGAAATTCTCTGGTGCTGAGGAGAGGGTGGCACAGGGTGTGCATCTCTTTGCAGCTGTACGTTGTACATATGGAGACCGACCCTCCGAGGCTCGCCTTTGGTCGGGATGGCCTCTGGATGTTAACCAACTGCCCCGATCTAAGAGGACCAAGTTACACAGAGGCAGGCTCTTACACTCGCTTGTGAAACCTATTTTTAAGAAGCTCCATTTGTTAGCTGTCCACCTAGACTTTAGACGGTGGTTTTCAGCCATGCTCACTTCCCAGGGTAGCGCAAGGAGGCAAGGGATTCCTGTGGTCAATTATCTTCTGAATCAAAAGCCCACAAACACTACCACAGTGCTGCCCTTACCTCCAGACATATACATTACACCAGCGTCTGTTGAGGCAACACTACCTTCTCAAGTAGCACATTCTCGCTACTCTCCACCATCCGTGTGGGTAAAACCTACCAGACCCACGCGAGTCTCGCTTGTAAGAAGGAGGCGTTCTGCAGTGCTGAGCTTGGAAAGCCAGGTGGGCAGCACCCAGCCAAGGTTGTCAGCACAAGCACCTCAGAATCTACTCACCCTTCCAACCGCGACTTATTTTTTATCCACAGATTCTAACACAATACCTACAATAAGCCTTGCCACTCTCATGCCACGTTCGGCAACAGGCGCAAGCAGCAGTGTAGCTGTTCTGCTGAACCCCACTTATTTGGTACAGCTCACCAAATCCTCAATACTGGGCAAAGAAATAACATTCTTTAACCATCCCACATCTGAAATCACAGCTTCTAGCACCACCAACAGCAGCACACAGAACACCACCACCACCATAAGCACCACAGTTTCCACTGTAAACACATCCACCACCACCACCACAATCAAAATGTCAACCCAAATACAATCAGTTTGGATTAAGACTCGATGGCCAATTCTTTCTACCTTAACAGTTGGCACACCCATCTTGGCAATCTTGCCAACATTCTTAAATAATCGATCTGCTTTGGTATTGTCAACCATCCAACCAGCTTCAGGCAACTCACTGCTTGCGTCAGCAAAACAACCTTCTCAGGTCCTGCCAGCGTCTGCATTACTGGCACACTCTGCAGGCCCTCGACCGTCCCCTAGATTGCTGCCCTACACCAAGCCACCTTCCACTAGCAAGCAAATCCCTCCATATGTGTTCCCCGATCCTGCAATGCCGCCTTTCATCATCATGCCGCCTAATGCAAACCCTCCATATATCACTGGTATGCCACCTTCTGCAAATCCTCTATTTGGCAAAGACATGCCACTTCTTGTATATCCTCCATTTGGCAAAAACATGCCACTTTTTACGAACCCTTTATTTGGCAAACGTTTACCATACCCTGTATATCCTCCGTTCGGTAGAGGCATGCCACCTCCTGTACACCCTCTGTTTGACCAAGGGATGCCACCTCAAGCATATGTTCCATTTGACCGAGGCATGTCACCTCCAGTACCCTCTCCATCAGACCAGGGTATGCCCTCTCTTGTATACCATCTACCAGACCAAGGCATGCAGCTTCTTGTACATCCTTCACCTGACCACCACATACCACCTCCTCCATCTGACCGAGGCATGCCACTTCCTGTATACCATCCACCGGACCAAGGCATTCAGCTTCTTGTACATCCTTCACCTGACCACCACATACCACCTCCTCCATCTGATCGAGGCATGCCACCTCCTGTATACCATCCACCAGACCAAGGCATGCAGTTTCTCGTACAACCTTCACCTGACTACCGCATACCTCCTCCTTCATCTGACCGAGGCATGCCACCTCCTGTATACCCTCTATTTGACAGGGGCATGCCGCCTCCTCTTTACCCTCCGTTTGATAGAGCTGTGCCACTTTCTGTATTCCCTCCACATGTCCACCACATACCTCCTCCTATATACCCTTTATTTGACAGAGGTATGCCACCTTCTGCATACCCTCCACATGACCACCACATACCACCTTCTATCTACCCTCCATTTGACAGAAGCTCGCCACTTCCTGTACACCCTCCTCTTGAAAGAGGCGTGCCACCTCCCATAAAAGCTCCATACGGCCCTGAAACGCTAACTACTGTATTCCATCCAAATGACCGCAGCATTCCACCTCCTACCTATTCTCAATCCGAGGGAAGCACACAACCATCTGCCTACTTGCAGCATGTCCAAACTGTACCTTTCCCTCCAAATAGACCGTTAATGCCATTTCCCTCATATATGATGCCTGGGCCATTCCTGCCCCTTATGAATGGTGTGTCACAGCTGCCCTATCTCTTGCCACTGCAATCATATCTGAGTGTCCCAGTGCTGGCCCCCACTTCTGTGTCCCCAGCAGCATCCTCTTATGTCGTAGGACCTCAGACTAAGAGGTTTTTTCGAGGCACCAAGAGATTGGTTGTTGCACCTGCAACTGTAGCTGTCTCTGCAAATCCATCTCTGCCCATAACATGGAGCAGACCTCCCTTGATCTTGGCCACCCTTCCCATGACCTTGGGCAGACGTTCTACAACCAGTTCTATCATGACCTCTGCCATCCCTCCTGTGACATGGGTCATTCCTCCTGCTACCTGGCCAAACCCTATCCCTTTTGTGAACTGGGCCAACCCTACTGCATTTTCAGTCAGCTCTCTTGCAACCTTAGCCAGCCCTTCCGTGACAGGGACTATCCCTTTGACGACCAGGCCTCCGGAGACCTTAGCTAGTGCCCCCTTGACCTGGATCATCCCACCTATGAATCTGGCCAGCCCCGCTGGTACCGGGGCAAGCCAGCCCCTAATGTGGACAATACCCCTCATAACCTGGAAAAGCCCTCCTGTAATCATGGATAGCACTCCTGCAATGCAAGTCAGCCCCCCTACAAATCAAACTATAACAATGGCAAACATGGCCAGACCTCTCCCTAACATGATCAGACTCCCCACAATCTTGGTCAACCCTCCTGTGATCAGAGTGGGCAATCCTTCCATTTCTGCCAGTGCACCAGAGGTCAATCCAAGCCCCCTCGTGAATTGGACACCTTCCCCAATGAGCATTGCTACCACCTGGATCAACATGCCCACAACTGAGACCAGCACCACCACAACTTTAACCAGCTCACCTGTGACCAGCATCCCCACAAACGTCCCCATCTTTGAAGTGACCAGTATCCCCACGACCCAGTCCCCCTCTGGTCAGACCAGCATCATCAATACAGAGAGCCGTTCAGATTCAACAGAGTTCCCGACTATCTTGACAAACTCTGATGCACCAGGGATATCCACGATCTGGATTACTTCTGATTCATCAGGAGTTCCCATCATCTGGGCTGGATCTGATGCATCAGGAATTCCCATCTTCTGGACCAGCTCTGATTCAACAGGAATTTCCACAATCTGGACCATCTCAGAAACAACCGGAATCCCCTCAGTCTGGACCACCTCTAATTCTACAGGAATCACCACCATCTGGACTAGCTCAGAAACAACCAGCGTCCCATTGGTCTCGACCAACTCTGAAACAACAGGCGTCTCAACAATCCCAACCAGCTCTGAAACAACAGAAATCCCCATGACCTCGACCTCCTCCAGTTCAGCTGGAAAGCCCACCATTCAGATCAGCTCTGAATCAACCAGAATCCCAACATCCTGGACCAACTCTGCCCCATCCAAGACTTATAGTGCAACTGACATGGCCCACAGTGATGATATGACAGTGATACTGTCTCACTGTGGGGTGTCCCTGGAGTGGAACATCTACACACAAGCCTTCCACCTCTCCCGTAGCACCATGCAAGCTCCAGATGATGTCATGGCGTGTGGTCAGCGGCCTTTCTATATCCCCAGTGACCCTAAAAATCTGGAGGCCCAGACTGGAGAATTCCCCTGGGTGGTATCCCTGAAGCTGTCTGTCCATCACTTCTGTGCTGGCTCCATCCTGAGCCGATGGTGGATCCTGACCACGGCCAACTGTGCCAACATCATAAAGAACGAGGAGTCGTCGGTCATGGTGCACGCGGGGATCCTGAACCTGCAGTCGGAGACCATGTCGGCGCGTGTGCAGATGGTGCTGACCCATCAGGACTACCAAGAGAACCACGAGTCACACAACCTGGGCCTCGTG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>Newt, Iberian ribbed, Pleurodeles waltl (BK059521)

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>Cactus mouse, Peromyscus eremicus (BK059443)

CATTAATGCAAACTGATGTGAAGGCTATACCTTTCACAGCTATGGCATGGACAAAAACTGAGCCTCTGGGAAATGAGATGAGGTCAGAAGTTTTAACAATCAATGAGACATCATTGAACTCAAAGGAATTAACACCTGTACAATTTTATATACATACTGGTATTGATAAAGGTACATTTATAACAGTGACTGAAATTGATGCAAAGAATGTTTTAACAGTGCCTAGTGTTAATATTTTCAGAATTTCAATGCAAGCTCAAACTTATGTTATTCAACATTCAACTCAAACTGGACAAACATCTGTTCTGTTGACCCCTACAGAAACTATAGACAGAAATGCATGGTCGTTTTCTGAACTAGGATCACTCTTATCCTGGAGAATGCCTGTTCCTTTAGAAGATGATCACTGGCATCACCATGAATATTACACCAGCAGATATTGGTTTAAAACTAAAGCTGAAAATATACGACCATGGACACAGCCATATTTTCAAACAATCAATGTCTATACTCCATTAAGGGCTAGCAAAATAGAGTCCTGGGTCCAACATAAAATGGGTATAAAGTCATGGGTGAATTCTGCTACTGGTATATTTAATGACTGGACCCAGTCTGAAACAGAAAGTATAATACTTGGGAATGTTCCTAAAAATAATACAATAAAACCATCATTCCAAATGGAGGCTAGCACTAATCATATCTGGTTCCAACTGATAACTAATACAATAAGAGTATTGCCTCAGGTTGAATTTCAAGTAATTAGTTTCCTGACTCAATCTGTCTCTGATTCACTATTATCACAGTCTGAAAAAGAACCAGAAACATACTTGTACATGTCTGATAATAATGCTGTTTCATCTTGGCTCCCAATTCAAAATAGTTTAAGACAAAGAAATAAACTTGAACCTGAAACTGTTGCCCCATGGGTCCAGCAAGAATGGCATATAGCTCATCCCTGGAATAGACTTGAAACAAAGGTACTAAAAACTGGGTATAATTTTGAAGCAGATACTTCTCAAATACTCTTGACTTATTCTAAATCTGATGAAATTAAACTTTGGACTCAACTTGAATCTCCGCTGGTAAGGAGGTGGCCTGAAGATGCTATTGTCACACTTTGGCCTCTGACTAAAAGTGATGTAATTATGCCATGGTCACAACTGGAATACAAAACTATACAATATTTGGCACAGCATAATTTTGATAGAATCAACCCTTGGATTCAACATAAAGTATCTACTGAAACTCTAGAAATCATTCCCTGGACTCATTCTGATATAGTATTATCACATTCATTACATACTCAAATTGATTACACCCCTTGGCCACTGACTCATACTGATGCAACTAGGCTATGGTCAGAAGTGGAATATGAACCTACACAATCTTTGGCACAGACTAATGCTGGTTTAATCAATGCCTGGATTCATCATAACGATTGTACTGAAACTCTAGATGTCAATTCCTGCATTTATTCTCATAGACTAATATCATATTCATTACAGACTCAAATAGATTCATTTAGATTATGGAACCAGCTTCAATCTATGACAGCCCAAACTTGGAATCCAACTGTAGAACAAGTAATAAAAACAGAAGCTCCGACTGCAGTTGTTACAGTTTCACCATCGTTCCAAGTACAAGGAACACTTTTAAGAGATGAACCTATTCTGGTGTCTCCATCTAAATATGTACCTCAAGATAAGCATTCACTGGAACCATTATCTCTTAGGCCATCAAAACTCAATGTTTCCTTGGCTGAATGTCACCTAAGTATGATATGGAAAGATAACCTCCAAGCTCTATGGATCTACAAGACAGCTGTTGTTTCTCATGAAACCACAGAATGTGGTTTACGCCCTGGCCTTGTTCCTTACTGTCCCAACTGCTGGGAGGCTGAAATAGGTGAATTCCCCTGGATGGTTTCTGTGCAGCTTTCTTACTCCCACTTCTGTGCTGGCTCTATACTTAATGAAAAGTGGATCCTCACTTCTGCTCGATGTGCCAATTTCATAAAACGTTCAGAATCTCTGGCTTCAGTCCAAGTGGGGCTACTTGATCTTCAGGACCCTACGCAAGGTGAAACTGTGGGTATCCATCGTTCTATGCCATACATAGGTCCCAGGGGACCTTTAGGACCAGGCCTGATCTTCCTGAAGGAGCCACTGCATTTTCAACCTTTGGTGCTGCCTATTTGCTTGGAAGAAAGTCAAGAGCAAGAAACACATATACAACTATATGACTGCTGGTTACCAAGCTGGTCCCTTATGAGAGGAAGTCCTGGTATCCTACAAAAAAGGCACCTCAGCATCATGCAAGTCAGCACCTGTGCCAAATTTTGGCCTCAGCTAAATGACTTCACTTTCTGTGTGGAGGCCAAGAAAGCTATGGGGGAATCTGGCTGTAAGGGTGATCTTGGGGCACCTTTGGTATGTCATCTAAAACAAAAAGACACATGGGTGCAGGTGGGAATTTTAATTCACTTCGATGAACACTGCAAAAAGCCCTATGTTTTCAGCGAAGTTAGCCCTTTTGTTTTCTGGCTCCAGAGAGTTACACGGCCCAGCCATGCACCCTGGTCCTTTCAAAGACCAGTGACTACCTCTCTTTTCAACTCCCTGTCAATCTCTACCCATAGGAGAGCCCCAATTTTTAGTTCTCCAACTGCTGTTATTCATCCACACTTCATCTCTCTGCCACACCCTCAAGCTTTGGCAGATCATATTTCTCTTCAATATACTATGCCTTGGCAAGCTATGATCTTCAGTTGTGGCAATCAGATCTGCAGTGGCTCCATTATTAGTAGCTACTGGGTTCTTACTGCTGCCCATTGTGTTAGAAACATGAATCCTGAAGACACTGTTGTGATACTGGGCCTTAGGCATCCTGGAACACCTCTGAGAGTTGTTAAGGTGACTGCTATTTTACTGCATGAAAGATTCCGGTTAGTGAGTCAGACTGCAAGAAATGATCTAGCTCTCGTGCTTCTTCAAGAAGTCCAGAGTTCTATACACATAGTGGCACCTTTAGGCAATGTGAAGAATCTAAACACTTCAGAATGCTGGCTTTCTGGACCACAAATTCTTAAACAAGGAGATATACTTGAAAATCCAGAAATGTTACAGATACAAGTGATGGGAGCTTCCAGTTGTGCCTATCTCTATCCAGATATAGGAAGTTCTACTGTTTGCTACATTGCACAGGCCAGGGGTCCCGAAATAAACATGGAGTCAGTGAGTCCCGGAAGTGCTGTTATGTGCAGACCACTATCAGGAAATGGCAAATGGACACAAATAGGCTTCACTAGTCTCAAGCATCTAGCCACCATAGTAAGCCCACACATTTCCTGGATCTTGTCCTCATCAGCAAAGGCAGGTTATCCCTTAAGTCATGTCCTCTCTCCTTGGGTAGAAAATCCCAATTCCTCCAGTTTTGTAAAATACCCAGATTTATTGCTACTTTCCATTGTAATGGCTATTGCACTGAAGATTGTTTTCATTTTGTAGTGTACTAACTACATCAAGTTGTACAAACCTGCTGAACTAAGATATCAGAAAAATTAGAAAAAAATCCTGATGTATGCCTTttagctcttatctacatattgttttaataaagagtatttccctaaacaatgatattttatg

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GAAATGGCTGCTGTGGGCGAGGTGGACCACGGAAGGCTGGGAAAGGCCCTAACCAGAAGACCACCTCTCCCCGCCCCACCGCCAAGGGGAAACAGGTCAGAACTGCAACAGAAAGTTGAATGAAGACTGAAATAAGAGAAGTGTTAATGCTTTGTTTGCCTCCTCCCTATACCCTTTACAGTCTACAACGTCCACAAGCAATGGCTGAACCGGCCTGCCCTGAGAAAGTCCAAAGGGGCAGGTACCAGTGAGCTTCCTTGGCTGGTGACAGTGGCTGGGACCTGCCAGGGAATCAGCCTTGGCCGCTGGTGGATCCTGACCACCACCAGCTGCCTGCTGAAGATGAAGTTCCCGCATCTGGAGGTTATGGGGGGTCCCGGCCCAAGAAGCAGCTTTCAGGGGAGCCAAGTCTGCCTGCACCCCAGTTTTAACCCCCAATCCTGGGAAGGGCCAGCAGTAGCTGCCCTAGGACTACTCCTCCTGAAGGAGCCCACAGCAATGCATAGGGACAAGGTGTGGCTCTCCAGGACTCCAGGCAACCTCCAAAGGAAGTGCCTTCATTGCAAGCAAAGGCAGTGTCAGGTCTACCAGCGCCAGAAAACAGCTTCAGATAATCTGCGACATCCGGGTGAGGAGATCACGATGATCCCCGTGAGGCTGCTGCATTCCTCGGCGTGCCACCGATACGGAGCCCGTGTGGAGGAGGACAAAAACCTCTGCATCAAGAGCAGAGACCATCATAAGTCTGACTGCCAGATGCAGCCGGGCAGCCCACTCCTCTGCCTCTTCGGGAGCCGCTGGGAGCTCGTAGGCCTCGTCGACGCAAGCCCCGGGAGCTGCTACGGCCCGACCCTCTCCATCAGGACCGCTCCCTATTCCTCCTGGCTGAGGCAGCACGTCAAAGCAGCCACACCGCTCCACTGCAGCCCTTACCCGCTGATGGAGCCGGCCACCCCCGGAGACTCCACTCTCAACTTCTCAGAACTAGCCTCCAAGTTCCAGCCGACGCACCCTTGGCAATTTAGGAATGGAAACACGGACATCTCACAAGTGACCTGGCTTCCCCGACGTTCCCCTCCGACGCCGTCGGCTCCTCCGTCCCCTCTGCCTACTGATGCCCCAGCTTCGTCTCTCCTCAGGCCCGGGGGCGGCCTTTCTTTTCTTCCAGCCAGCCACCTGCCCTCTGGCGACAGTTTGCCCATGGTAACCAACTGGGCTCCCCTTGTCACGCAGACAGCAGGAGCCAGGTCTCCCTTCACCGGCTCGACGGTCGTACACTCGGTTCTGTCCACGGGTCAGGCGGCTGCACTTTGGACTCCCTCTGGCGCGCAGCCAGTCAGATCTTCGGTGACCTTTCCCTCACGGTCAGGTGAACCGTGGACTTCGGCTAGACCCCCGGTTTCTATCCCTGCCCTGGGGCTGGCCCCGCTGGCTTCCCGTGCCCCTGGAATGGCCGAACTCTCCCCACCCTCAGCAACCCAGATCGTCGCACCGCCCTTGGCCGGCTGGACTCCTGCCAAGGCTCCAACGATGGGAACCCCTCTGGCCTCGACAGCCAAGACCCCCCAGTACCACTTCCCTAAAGTCTGGCCCGCTGCGCATGCTTCCTACGGATTCCATGCAGACGTCCAAGCCCCAAGCAGCAGACCTATTTTGCCCTGGACAATCCGCCCTGGCGGAACATGGCCTACTGAGCCCGGGACATCCGACGTGGCTTTCCCCCAGCCCCCTCCCAGCCCCTTCGTTACGGAGAGGTCCGGGGTTATTTCCCGTCTCCTGCCTTCCGAAAGTCCCCTGTATAATATGTGGACCAGGGGTTTGGCTAAGCCTAAAGCCTACTCTGGTGACTACTTTCACGTGGCCTCCTCTTTCCCCACGGCTAAGCCCAGGACCCTGGGTGACCTGCCTGCCTTTCCCCCACCTTTTAGCACTCCCGAGCCCCATTCCTTTCCTAGGCTTCTCCAGCAGGTGATGAAGCCAACTCCTCAAGATGCCATTTCTTATGGCAGTTCCTTTCTAAGGGAGCCGGGCTCCTCCCTGAAACCCCTCGTTTTGGTCACCCCTCGAACCAGACCCCTGTCTCCCGTGCACTTCCCATGGGTCTCGGAAGTTGGACCGGCATTCTATCATCACTCTCCTTTCTCAACGCCCTTCAGTCAAAACTTCCAGTCCGATTTGTCCCCCTTATACCAGCTTCAAGTGAAACAGAAAGCTGGGACCACCCTGGCCCAGTGCAGGCTAGCCCTGGCCTGGGAGATCAAGACAAAGGCCTTCAGCCTTTATCAAACCGCTGTGCCCATCAAGAAGTCCTTTGAGTGTGGAATGCGCCCAGGCTTTACCCACCGCTGCTCAGGTTGCTCGGAGGCAGATAGGGGCGAGTTCCCCTGGATGGCCTCCATCCAGCTCACCCTTTATCACTTCTGTGCGGGCTCTATCCTGAACGAGTGGTGGATTCTGACCACGGCCAAATGTGCCAGTTTAATAAAGAACTCCGAGGCTCTCGCTGTTGCTCAGGTGGGTGTCGTCAATCTCCAGGATCACGTCCAAGCCCAGGTGGTAAGCATTCACCATGCAATCCATCACCACAGCCCCCAGGGGCCCGTCGGCCTAGGCCTCATCCTCTTGCAGCAGCCGTTGCACTTCCAGCCCCTGGTCCTCCCCATCTGCCTGGAGGACAGCGAGAAGCAGGAGGAACATTTGAAAATCGCGGATTGCTACCTGCCCGGCTGGAGTCTCTTGAGGGGGGGGCCTGTAGCACTCCAGAAACGTCAACTCAGCATGCTCCGTCTCAGCGCCTGCTCTCGGTTCTGGCCCAAGCTCAATGAATTCACCTTCTGTATAGAGGCGAAGAAAGTTGGCATGGCAAGATGCCAGGGAGATCTGGGAGCACCCCTAATCTGCAAAGAGAAGCAGAAAGAAGTGTGGGTGCAGGTGGGGGTGCTCAGCAACTTCGACGAGCACTGCGTGAAGCCGTATGTCTTCATTCGGATAGCCCCTTACTTGTCGTGGCTAGAAAGTGTCACTCAGGATGACCCCCATGCTCCCTGGGGGGCTCAGACTGACACTTCCCTCCTCGTCTCCCTGCCGCACCCACGGACCCTCGTGAACCGAATCTCCGTGAGATTTGCCATGCCGTGGCAGGCCTTGATCGTTACGTGTGGCAGCCAGATCTGTGGCGGCTCGCTCCTGAATAACTCCTGGGTGTTGACCACCGCCGACTGTGTCAGAAATATGAAGCCAGAGAACATGGCTGTGTTTCTGGGCCTGAACCAGCACGGCTCCTCCTTGAGAGCCATCCGAGTTGCCAACATCTTCCTGCACGACGATTATTTCTCCAACAGCCCCAACAACAACCTGGCCCTGGTCCTCCTTCGGGGCCCCATCATGTCCGGCCAGGCCTTCGCCCCCATAAAGCGCCGGTGGACCAGGAACGATGGGGATGAGTGCTGGTTCTCGGGACCCCGGCTTCTCAGACCAGGAGAGGCCGAGGGCTACCCCAAGATGTTCCAAGTGCGGATACTGAATGACTCTTCCTGCTCCGAATTCTACCAGGAACCCAATACCGTCCTCTGTGTTGTTCCTAAACGGTCAAACCTCCCCAAGGCGAAGGTGAGTTCAGGCGGTGCCTTGCTGTGCAGGCTGGGAGCAGCTAATGGTAGTTGGGCCCAGACCGGCCTCGTGGGACCGTCCTACTTCTCCACCAACATCATTCCATTCTTGCGCTGGATGGAACTGACCGCCGCTGAGGCCGGCCGGCCCATTACCTTCTCTAAAGCCACTTCCTCCACAGTCTTTGGCTCCTGGGTCCCTGGGGTCCCGCTCTTTCTGCCCCTGCTGCTAGGGATGGTCGTGGGCCACGTCCCACCCCAGTTACTTTTCCCACCCTGACGCCTGCCTGTCTCACCCAGCTAGAGCCTCTGCGGAGGCAACAAACTGGCAAGACCAGCGTACCCCGGGGAGCTGGTAGTGTCGAACTGGTCGGGAGGAGGGCCTGTGAGTCACCCGGAGAGCCTGGGACAGCAGTGCGAAGG

>Polar Bear, Ursus maritimus

ATGAAACTGGACCATGCTCTCACACCATACACAAAGATAAACTCTAGATGGATAAAAGACTTCAATGTGAGACAAGAATCCATTAAAATCCTAGAGGAGAACACAGGCAGCAACCTCTTTGACATCAGCGACAGCAACTGTGACCCATCTCCAAAGGCAACGTCCAGCAACATCCCATGGCTAGTGTCCATGGCTGAAACCTGCCAGGGCATTATTCTGAGTCGGTGGTGGATCCTTTCCACGGCCAGCTGTCTGAGTAAATTGAAACATTTGCATTCTGACATTTCAGGAGTCATTGACCAAGAAGATATCTTACTTGGCCATAAAATATGCCTGCACCCCAGTTTTGCTGCACAAGGTGGAACAGATCCAGTCAAAGGAGACATAGGAGTGGTACAGCAGGGTAGTCCTGTTCTCTGCCTCTTTGGCAACCGCTGGGAACTGGTAGGCCTGGTCAGTGAGTCCTCAATGGCCTGTTACAACCCTATTCTTGTCATCAAGACAGCCCCATATTTATCTTGGATGAAATGGCTTATCAAGACATCCCAGAAGCCGTTGGATCCGATTTTTTCCATACCCTGCAGTTTTACTTCTGGTGTAGAACATGGCCCACAAGACAGGCTTACCCTGAACAGGGGCACTGCCATTTTGACCTCCCATGGATTCTCTGTTCAGACATGGAAGAGAAGATTAGGCACTTCCCCACTGAACAGACAGCGCCGGAATCCTTCTCCTGTATTTTTCCGTTCAAATAATAGAGACTCTTTTCTTGTCAGTAGACAGTCACACCTTCAAACTAGTCAGCTACCCTCAACTATCAAATTCCCAATGATACAATCTTGGACCTCTCTTGTTACCAAACAACGGGATCCTTCTGATATGTTTGAGCCCTGGAATACCCCAATAACTGATACTTCTGAAACTTTGGTTCTTTCTGGACCCCCAAAGCCTCGAATACCTGATGAATTTATACCCCAGGAACTTTCTCTGAAAGATACAATGAAATATCAATACCAGACTATGACCAATTCAGTAAACTCCTGGGTTAATCCTTTAGCTGGTATAATTGGGCTTCATACTCTACCACTAGTTAATTCTGCTATATCCTGGCTTTTGTTTTCAAGTGGCATAGATGGGTCCCAACTTCTTTCTGGGGTTAATACTGTACAGTCTCAAGTTCAGTCTAGTAAGGTTCCTTTCCATGGTCAAATTCTAGCTAAACCGTGGTTAGAAATCACCCCTGATGTTGGACCTTGGACACATTCTGTACTTGATAAAACAGGAACAGTGATGCAAATCCAATCTAGTGAAGAGAATATTGGAAGCAAAATACACCATGTAGTTGATAGAGTGCACACTTCTTTTAAAACAGTAACTTATAACTTGAATGCATGGGTTCCTTTAACAGTTAATAAAAATGAATTCTGGACTCATTCCACACTAAATGCAGATGGATCTCAGTATCCTATAGGAACTCTTACCTTAGAACCCTGGTTTCAGTCAGTCTTAAATTTAGATGGATCCCAAGAACTTGTAGAAAAGACTAATGAATACTGGATTCACCCTGAATCTAAGTCACCTCAGCTATGGACTTCTTCAGCACTTAATATGCCTCTTACTTGGGTTCCATCTGCAAGCAACACTATTAAGTCTTGGGCACAATATAAAACTAGTCTGATCAAAGTATCAAGTCAAGTGGATAGAATAAGTCCATTGAGTAAACATGAGTCTATTATGGTCAAACCCCAGATTCAAACTGAAGATACAACCTGGTTTTTGATACAAACTATTACAAATGTAATTAAGCCTTTTATTCAGTCTAATGCTGATACAGTCAGACCCTGGACTATACCTGAAGCTGACATAGTCCAAACTTGGACCCAGCAAGAAACCCAAAGAATAAACCCACTAACTCAGCTGAAATCAAATATAATCAGACCATGGTTACAGACTAAAACTGAAAGAAACAGACCCTGGATTCAACCTAAGTTTCAAATAGTCAGACCTAGAGCCCAGACTGAAAATGGTAAAGACAAACATTGGACTCAGCCAGAAGCAGATATGATTAGATCCATGACCCACACTGATATTAAAACAGTCAGGCTTGGGAACAAGCCTAAAGCTGGTACAGCCAGATCCTGGTCATGGATTAGGTCTAATCAAAGGAGAGCAAGGTCCCAGCCAGACTTTCAAACACTCTACCCTTGGACTCAGCCTGAGGTTGATATAGTGAGATCATGGATGAAGCCTGAAGCATCAATATTAAGAATCTGGACACAGTCTAAAGTTAATACAGTTACACCATGGACAGGGCCTGAAGCTGAGGCAGCTAGACTTTGGTTGCAAATTCAAACCAATACAGTCAGATCATTGAGCCAATCCGAATCTCAAACAACCATTTCCTGGTCTGAGCTTGAAGCTGATAGAGTCAGATCTTGGCTGCAGAGTCAGATGCATACATTCAAACCTTGGGTTGAGACAGAATTTCAAACAGCCCACTCCTGGACCCAACCTGAAGGTAATATAGCCAGGCTTTGGGCTAAATCTGAGACTGACAGTGTCAGACATTGGTTTCCGACTCAAGTAGAGATAGCCACAACATGGACAGAGCCAGTATCCCAAACAGCCCACCACTGGATACAGTCCAAAACAAAAATAGTCAGGCCCTGGAACCAGCCTGTGGGAGACAAGCTAAGAGCCTGGATACAACATGGCATTTATACTGTAAGGCCCTGGGATGACCTTGAAGGTGATAAAGTTAGATTCTGGATGCAATCTGAATCTGATACAAGACCTTGGATTCAGCCAGATGTGGGTATAATCAATCTTGGGACACAAAATGAAGCTGATACATCAACACCATGGGCATGGGTGCAGGATGAGAATCCAGAAGTTAATCCCTGGGCACAGTCTGAAACTGAAACAGCTATACTCTCGACCCAGGGAGAAGTTCCAGCAATAAATCTTTGGACAGAGATTTTAGTTGATACTGTCACAACATGGGCAAAGACTGAATTTCCAGGACAAAAGCTCTTGATGTATCCTTTATCTCATATGGTCACACAGTGGACTCAGCCTGAACTGACAGCGGCAAATCTCTGGACACAGCCTGTAGATGATACGGTCACTCAGTGGACCCAGGGTGAACCTTCAGAAATAAATTCCTCAACAAAAACTATAGCTGACACAGCCATGTGGACACAGGCTGACTCTCCAGCAGTGAATCCCTGGATATGGTCTGAAAATGATACAGTCATATCATGGACCCAGGATGAGTCCGTAGGAATAAATCCTTGGACACAGCCTATAGCTGATACAGTCACACAGTGGGCCCAGGGTGAACCTTCAGAAGTACTTCCTTGGGTGAAAATTATAGCTGATACACCATGGATGCAGGCTGAATCCCCAGCAATAAACCCCTGGACACAGACTGAAAGTGATATAGTCACACCATGGATGCAGGCTGAGTCTCCAGCAGTAAATCCCTGGACACAGTCTGAAACTAACACAGTCCTACTGTGGACTCAGGCTGAATCTCCAACAGTAAATCCCTGGATAGATACTGTAGCTGGGACAGGCACACAGTGGACCCACGCTGAATCTCTGGCAGTAAATTCTTGGACCCAGCCTATAGCTGATACAGTCACACTGTGTACTCAGAATGAGTCTCCATTATTACATTCCTGGAAAAAGTCTGAAACTCATACACTTACAACATGGACTCTGACAGAATCTTTAGCAGGAAATTCCTGGAAACAATATGAAACTGATAGTGCCTCAATGTGGACCAAAAAAGGAAATCTAGAAGTAAATCCCTGGACACAGTCTGAAACTGATACAACTTGGACCCAGGCAGAAACTCCAGGAGTAAATTTGTGGCCACAACCTATAACTGAAATAGTTTCACCATGGACTCTGGCTGAATCTCCAGCAGTAAACCCCTGGACAGAGACTGTATCTGATAGTGGTATACCATGGATCCAGGTTGAATCTCCAGCAGTAAATCCATGGACACAATCTATAGCTGATGTAGACACACTGTGGACTCTGGCTGATTCTATAGCAGTAAATCCCTGGACAGAGCCTATATCTGATAGTGTAATACAGTGGACCCAGAGTGAACCTCCAGCAATAAATCAGTGGACACAAACTGTATCAGATACAGTCACATCATTTACTGAGTTTGAATTTCCTGCAGTAGAAACCTGGACAGACCCATTGGCTGATGTCACATTGTGGACCCAGACTGAAACTCCAGTAGTAAATCCCTGGACAGAGACTGTAACTTCCACTGTCACACCATGGACCCAGACAAAATCGTCAGCAGTAAATCCACTGACAGAGGCTATAGTTGCCACAGTAATACCATGGAATCAGGCTGAATCTGTAGCAGTAAATCCCTGGATAGATGCTGTAGCTTTCACACTGTTGACTCAGGATCAGGCTCCATCAGTGAAACCCTGGACAGAGGCTGTAGCTTTCATAATCACACCACTGACTCTGGCTGAGTCTTTAGCAATAAAGTCTGTGAGACAGGAAGTATCTGATACAATCATATTCTGGAACCAAGCTGAATCACCTCTAGTACATCCCTGGACACAGTCTGAAACTGATGCAATCACACAGTGGACTCAGGGTGAGTCTCTAAAAGTAAATCCTTGGACACAACCTGTAGTTGACACAATCACACCATGGACTCATGTTGAGTTCCCAGAAGTAAATCCCTGGACAGATGCTGTAAGTGACACAGTACCACCAGTGAGCCTAGCTGAATCTCCTTCAGTACATCCCTGGACAACATTTGAAATTGATACAGTCACACTGTGGACCCAAGCTGAATCTCCTGCAATGAACCCCTGGACACAGTTTGAAACTGACACAGTCACACCATGGACCCAGGCTGAATCTGCTACAAGAAATCTGTGGATCCAGCCCAAAACTAATCTCGTCACACTGCAGACCCATGGTAGATACCCACCATTAAATTCCTGGGCACAGCC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CTCTGCTGCAGCCGCAGAGTAAGGCCCAAGAAAATGGTAGTGAGGGAGCTTTAGCAGATCGAATTTCTCTACGATATGCCATGCCTTGGCAGGCCATGATTGTCAGTTGTGGCAGTCAGATTTGCAGTGGCTCCATTGTTAGCAGCTCTTGGGTTCTCACTGCTGCCCATTGTGTCAGGAACATGAATCCTGAAGACACTGCTGTAATATTGGGCCTGAAGCACCCTGGAGCACCTCTGAGAGTTGTTAAGGTGTCTGACATTCTATTGCATGAGAGATTTCGGTTGGTGAGTGGGGCAGCAAGAAATGATCTAGCACTGCTGCTCCTTCAAGAGGTCCAAACTCCCATTCAGCTCTTAGCACCATTGGGATATCTGAAGAACCTCAATAGCTCAGAATGCTGGCTTTCTGGGCCAAGAGTTCTCAAACCAGGAACCTGTGACTCCTGGCAGTGCTGTTATGTGCAGACCAGTGTCTGGAAATGGCAGCTGGAGACAGATAGGTCTTACCAGTCTAAAGGCACTCGCTACCATAATCAGCCCACACTTCTCCTGGATATTATCCACATCGGCAAAAGCAGACCATCCCCTAAACCAGGCCCTAATGCCTTGGGCAGAGAGGCCAAAGTCATCTAG

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CTCAACCTTGGTAGCCATTCTGCTACACCCACTTGAGCCAACATGAGAGCTCCAATATACCTTTACCAAATTTGGGGATTATACTTTTACTGCTGTGGTGGACCTAATTCACACAAGAAACAGTTAAACTCATGGGTCCAAATGATGGTCCCATTGTCAGCATACAGAAACATCTCATGGCTAATGTCCATGACTGGAAACTGCCAAGGCATTCTTCCAAATCAGTGGTGGAGCCTCTCCACAATTTGTTGTCTGTCCAAAATGAAGCATTTACATTTTGACAGTTCAGATGTCACTGACCAGCAAAATAGTTTACATGGCTATGAAGTCTGCCTGTATCCTAGTTTTAATCCACAAGTTGGAAGACATCAAGTCAAAGGAGATATAGGAGTGGTTCTCCTGCAGCTCCCCATCAGCGGGAAAGAAATTCTTCTTTCTAATATTTACCACATATTCTGGAAGAGCAGTTACAGGTGCCAGTACAGACACTGCTGTGTATACCAACTTCAGAATCATAATGCCTTTGTGGATAATATCAAGAAATTATCAGTTAAGCCTCTGGATCGCTCATTCTGCCATCATCCTCGTATCCATATGATGAAAACTAACAACTTATATATTATCTGGAATCAACCACAAGACAACTGCTGGGTACAGCATGGTAGTCCTGTTCTCTGTCTGTTTGGTTGTCACGGGAAACTGGTCGGCCTGGTCTGTGAGTCTTCTCCAGCATCTGACAACAACATTCTTGTCATCAACACAGCCTCATATTCATCCTGGATTAGATGGGTGATGAAAGCATTTCAGAAGAGGCTAGATACTTTTTTTTTTTTATCTTGTAGTTTTTTTCCTGAAGTAGAACGTGGGCCACAAGATGAGCTGAGACCTAACACAGCCTCCTCCACTTGGGCTCCCCATGAATCTCCTGTGCAATCCCTGAGATTAGACACTCACGCACTGAACAGACAGCGACGGAATCTTCTGCCCAAACATTTCCATTTCAATAATAGAGACTTATTTCATGATAGTAGACAGTTACACTTCCGAATTAGTCAGCTTTCCTACGCCAGCAGATTCCCCACAATACAACCCTGGATCTTTCCTGAGGCCAATCCAGGGGATCTTTTGAATCCAGCTGAATATGGGAGTATCACATTCACTGGTACTTCTGAATCTTGGGTTCATTTTGCAACCCAGAATCCACAAACACCTTGGGATTCTACTCAGAGAGATGCCAAGAAATATCCATATAAGTCTACGATGGCTTCAGTCATATCCTGGATTAAATCATCAGGTGACAGAATTGGGCTTCCAACTATGCCATTAGATAATGCTATTGGAGTCTGGGTTCTGTTTTCGAGTGACATAGACAAATCCCTGATGGCTTCTGAAATGAATCCTGTCCAGACGCATGGAAAATCTGGTATGGTTCCTTCCCAGATTCAATTTTTCACTGCATCCTGGTACAGGGAGGAAGTTACTCCAGATGTAATACACAGATCATATTCTTTATCTGATAAAACAGGAGCAATCATGCAGATTCCATCAAGTGAAAAGGGTGTTAGAACACAAATGCACCACATTGCTAATAGAGTGAATACAGTTGTTAAACTTGTAACTGATAACCTCTATCCTTGGGTCCCTTTCATCATGAATACATTTGAATTATGGACTCATTCTATGCTCACCAAGGATGAATCCCAGCATTTCACAGTAACCAATTCCATGGAATCATGGTTTCCACCAGTCTGGAAAATATTTGAATCCCAACAACCTGTAGAAAAGACAGATGGATACTGGATTTTTCCAGAATCACCTCTATTTTCCTCTACACATAGTATGTCTTTCTCTTGGGCTGAATATGCAAGTGACACAATTAGGCCTTGGATCCCAGATAAAAGCAGTGGGCTCACATTCCCAAGCCAAATTAACAGAATTGGTTTATTGAGTAAGCATGAGGCTCCCAAATACAAACATCAGTTGCAAAGCAAAGAAACAACATGGCTCTTGATCCATACTCTTGTGATTGATACCTCCAAACCCTGGAATAACCCTGAAGCAGGCAGAGTCCAAACCTGGACATATCTATATACTCATTTAGAAAGTCCGTTGATAAAGCTGAAAACCACCAGACTATTGTTACAGACTAAAACTGAAAAAATAAGACACTGGAGTCGATCCAAGTTTCAAATATGCAGATCCAGAACCCAGAATGAAGAAAGTATAAGGCAGTATGGGGCTCAGTCAGAAACTGACACAATTCCATCATGGAGCCACACTAAAACTGAAACAGTCATACCCTGGAAACAACCTGAGTTTGGTCCAGGCAGCTTGTGGTTCTGGACTAAATCTGATCAAGTAGTGAGATCTAGAACCAATATAGACTTTCAAGTTTTCCATCCTTGGATATATAGTAAAGCTGACAAATTCAGAAAATGGAATAATTCTGAAGTTGGTACTGTTAGACTATGGGTAAATCTTGAAGTATTAACTTTTACACCTTGGACACAGTTCTGGACAGAACCTGAGGCTAACGTGGCCCAACAAGTTAATAGGATAAGAATTTGGAGTCAAACTGAAGAGCCAACAATTACTTCTTGGTCTGAAAGTGAAGCTGATACAATTGGATCTTGGTTCAGTACACAAATAGATACATTCACACCTTGGAAGGAGATGGTATTCCAAACAGTCCTCCCATGGACCCAATTAGAAGGAGACATATCCAGACCTTGGATTCCAGCAGAGGGTGACGTGGTCAAGTTTTGGTTTCAGACTCAAACAGAGACACAGTTGACACAGTGGAAACAGATAGCTCATCAGTGGGTACAGTCTAAATCTGAAATAGTTAGGCCCTGGAGCCAACCTGTGACGGATAAGTTAAGAGTCTGGGATGAGCTTGAAGCTGATAGAATCAGGTTCTGGACTCAGCTTGAATCTGGCACATTAAGAACCAGGACCCAAGCAAATGTAGTTGTCATCAACCCTTGGGTACAAAATGAAGCTATATTTATACCATGGCCCAAGACTGAGTCCTCAGAATTAAATCTGATGACTCAATCAGATATGGCAGAAATCAGTTCATGGATATGGGATAAGACTCACATAGTCACCCTGGGTACTCAGACAGAAGCTTCAGAGCTAAATCCTGGGACGCTCTCTGAAACAGACACACTTGAGCTGTGGACTCAGGCTGAACGTCCTTCAGTGAACTGGTCAGACATATTAGCTGATACAGTCACCTTATGGACAAAGGATGAATTTCAAGAACTAAAACTTTGGACACAGTATGAAGTTAATACACTTACATTGTGGATCCAGGCTGAATCTCCAGCATTAATTCCCTTGGCAGTGTCTACAGCTAATTCACGGACACCATGGGCTGATGATTACCTTTCAGAAATGAATCTCTGGAGAAAAAAAGAAGGTAATACAGCCATGCCATGGTTGCTGGCTGAATCCTTAATTATGAATACCTGGACCATTTCTGAATTGTATTCAGCATCATTGTGGACTCCTGCTGATTTATCAACAGTCAATCTATGGAAACAATTGGAAACTAATATTATCACACAATGGGCCCCAAATGAATGGCCAACAGTAGATTCATGGACTCACCTGGTACCTGATATAGATACAATTTGTATCCAGGTTGAATCTTCATCATTAAATCTCTGGATACAGTCTGAAGCAGCGACATTCACATTGTGGACCCAGGCTGAAAATCAAGCAGAAAATCCCTGGTCTCTACCTGACATAGCTGAGACAATCAGACAATGGAATCCATATGCAACCCCAACAAGGAATCCTTGGCCAGAGACTCTGACTGATACAATGACATCATGGACCCAGGCTGAATTTCCCACAATAGACTCCTGGGCAGTTCCTGTGACTGAGACAATCACACTATGGCTCATGGCTGAATATGCAGCAGCAAATCCACAGAAAGGGCCTGTACCTGACACAGACACATGGTGGACCCAGACTGAATTTCTCAGGACCAATTCCTGGGTGGAGCCTATGACTGACAATGCTAAAATAAAAATTCAAGTAGAGTCTGTTGCAATCAGTTTATGGACACTGACTCTGTCTAATACAGTTATACCATGGATCCAGGCTGAATCTCCAGCTATAGAGCCAAAGAGAGAGGCTATTTCTTCCATGGCGGTACAATGGGAAGGGCCTTTATCTTCACAAGTAAATTCCTGGACAATGTCTGTAGCTGATGCTGTCAAACCATGGATTCATGGTTTTTCAGCTGTAAATCCATGGATATTTCCTTTTGCTGACATAGTCACACCATGGTCTCAGATAGACTATTTAGAAAACCATCCCTGGACACAGAAAATATCTGACACAGTCATCTTCTGGCCTCAGGCAGTTCATAGAGCCATGAATCTCTGGAACCAGACCATGTCTGGCACAGGGACACCATGGGCTCTCTCTGAATTTATAACAGGAAAACCCTGGATACATGCTATATCTGATGCACTCACACCATGGTCCCAGGCTGCATCTCCAACAGGAAGGCAAGGGATCCAGTCAGTGTCAGATATAGTTCCTCAATTAAACACAGCAAAATTGCCTGTAGCAAATCGCTGGACACATCATAAAACTGATATATTCACACAATTGGTGAATCTTGAATCTACAAAAGGAAATAACTGGATGCAGGCATCACCAGATATGGTAATAACATCAAAACAAACCATATCAGCAGCAATTAGTGCCTTGCTGGACATTGATTCTGCAAGAGAATGGATGCAGGCTGACTCAGAAAACACTAATCTCTGGACTCAGGTTGTGGTTGATACAATACCTTGGGTCCAGGATTTTCCTCTAGCAATAAAATCTCGGGCACAGTTTGAAGCTTATACAGTGATATCATGGAGCCAAGAGTTAACACCAACATTCAGTTCTATAACAGTGGCTCTAACTGATAGATTTATACTGTCGAACATGGCTGGATTTTTACATGTAAATCTCCTGACACATCCTGTACCTGGTACAGTTCTTTTTACTCAGGCTCCGAGGTCATCAATTAGTTACTGGATATACTCTAAAACAGAGATAGTTATATCATGGACTCAGCCCAAGTCTATAGGAATCAATGCCCATACAGAAACTGTTTCTACAACAATCACACCATGGGCCCAGAGTGAAATTTTTTCAGAAGTGGAAATGGGGACCCCTGCAGGAGATGTTGTAGACACAGTGTGGACCCACACTGTATTTCCATCGCTCATTCCCAAGATAGAGGTATTCAATCAAGTGGAAATTCTATCAGTATTTTCTTGGACACATTCAGTGTCTGATATGTTTACACCATGGGCCCGAACAGCATACTCAACAATGAATCCCTGGACATATCTTCTACCTACTAGGCACATACTGTGGACCCAGAATCAATCTCCACTAGTAAATATTTGGAATTGGGCTGAAATAGCCCCACACCATTTCAGGACACAGCCTAAACTGATAACAGTAAATATCTGGACAGAGTCTCAGTCTTCAGTGTTGAATTACAGAATGCAGACTGGGAACAGTGTAGAAATTCAGAAGATACAGGCTGAGTCTCTTGCAGTAAATCTTTTGACTTGGTCTGTAGCTGATACAATCATATTATATACAAATGCAGCATCTTCCTCAATGCATTCTTGGCCATACCCTGAAAATAACAGAGTTTCAGGTTGGATCCAGGCCAAATATCCACTCATAAATCTGTGGACAGAAACTATAGGTATTACTAGTAAAACTTGGTCTCAGGATGAATTTCTAGCACTGAATTCATGGAAACAGAATTTCACTTACACAGTTACACTGTGGGCACCAGCTGAATCTCCAATAATAAAAGTCTTAACACAACCTGCATCTAATGAAACTATTATACAGACCCATTTTGAATATCCAGCATCAATGACTTGGATATGGCCTGATTCTGAAAGAGTCATGCTATCAATCCAAGAAGAATATCAAGTAGTACCTCTCTGGACACAGTCTGTTTCAGACATACTCAATCAACAAGACCAACCTCTGTCTCCAGCAGTAATTACTTGGAAACAGGATATATATCCCAAACTCATACTATGGACAAAAGTTTTGTCTTCTGCAGAAATTCCAAGGACAGAGGCCACAGCTTTCATATTCACACCATGGGTCCATTCTTTTACTCCAGCAGTTACTCTCTGGACACAGGTTATAACTTCTACAGTTATACCCCAGACTCATGTTCCATCTCTGACAGTCATTCAATGGCTGGAAACTTCAGCTTCCAGCTTTCAGTTTGGAGAATGGATTCAGATTCCAACAGAGATGATAACTTCTACAATCATACTGTTGAAACATAATGAATCTACAGTGTTGAAGCTCAGGACAGAGCATGCAGCTTCCACTTTGACACCATGGACACAGGCTGTCTCTTTGGCAGTAATATCTTGGACACAGTCTACAGATTTTTCAGCCATACCACAGAGCCAGCCTCAATTACTAGTAATAAAAGCTTGGACAGAGGTGGTAGTAGCTTTGACAATGACACCATGGGCCCATGCTGTATTTCCAGCAAGCATTCTCTGGAGAGAGACTGGGGCTTCAAGAATCACACCATGGCCTCAAGCTCTATCTGAGCTAGTCAAATCCTGGGCAGAGGTCATAGTTTCCACAGGCATACCATGGGCCCAGCTTCCAAATCCAGAAACAAGTCCCTGGACACAGACTACAGCTTTCACAATTGTTCCAGAAACTCATGATCTTTCTTCAGCAGGAATATTCTGGACACAGGCTTCAGCTTCAGAAAGTATAGCAAGGACCCAGACTCAATCTATAGAAGTTTCTGGGACAGAAACAGCAACTCGCACACTCACACCATGGACTCAGGGTGTGTCTACAATTGAAAAATCTCAGACACAAATTATATCTTTCAGTGTCACTGAACGGAACCAAGCTGTATATTTAGGCAAAACTTCTCAGATGGAGGATACAACTTCCACAGTCATACCATGGAGGAAGCCTCTTTCCTCAGCTCTTCATTCCCATATACAGACAGAACTTAATACCACCCAATTTTGGACCATGCTTAAAACTGCAACTGAGAAGCACTGGGCATTGCCTGGAGCTCATATATTCAGATTTTCATGGCAGCCACAAACCTATTTGACCAATCCCTTGATTCAAGTTAAAAATCAATCACCTATTCTGTTGACATATACTGAAATTAAAAACATTAACACGTGGAATTTGCCTTTATCTGGAACACTCACATGGGTAGTATCTGCGCCTCTAGCAGGCAGAACATGGCGCCAGCCTGAAACTTACATTAGTAGAACCTGGCATAAAACTCACACGGAAATGATCACATCCTGGACACTTACAGATTATCAAGCATTTGATAATTTTATCCTGTACGCTATAAACACAGAACCCTTGGCTCAGCATGAAACTTCTACAGTCACATCATGGATTCATTTTGACACTGGTTTATTACATCAATGGACTCAGTCTGGAATAGATACAGAGAGATCCTGGGTTATTTATCAAGATGATACAGGAAGACAATGGACTCCAACAAAAGCTGGCAACATTCATTCCTGGACTCAACCTGAAACTTCCATGATCAGCCCACTAGCCCAGGCTGAATCTCAAACAGGTAGAATTTGGACACATCCTGTGATTGATATGGTTACACGATTGTCACAGGCTGATAAAAAAGCAGCAAAACTCTTGACAATCCCTCAAAATAATCATGTGATATCTTTGTTCCAGGTTCAAAATGATATAATAAAACAAGCAACTCAAAATGATTCCCCAACAGTTACCACCAAGATCCAGCCAAAATGGCCAAAAATCCATTCCTGGAGCCATCCTAAAACAGATGGCATCAGATGGTGGACGTATCCTGAAATGGAACAGTTTAAACTGTGGACCCTGTCTGACTATTCAAGAGTTAGGGAATGGCCTGAATTCACACTTGGGTCCTTGAGACAAAATGAGGCATTGACGCCTCAGTCAGAACTTGGCTCTCAAATGACCAATTTCTGGACCTGGCCTGAAGCCAGCGAATTGAAACCTTGGACTCAGTTAGATGCAGCGAGGCCCTGGAACCAACGCGAACTGGAAATCACACAAATCTGGAACCAGACTATAAAACAACTGGCAAACCTCCCAGCATTGACAAAAGTTGACACAGTGACAAATGGGTTGCAGACTCAAAGGAATACAACTGGACCATGGATTCACCCTGATTCTCAAACTGTCACATCTTGGACCAAGGATGCTGAAGTCAGTGTAGCAAATCTCTGGACTCAGGAGATATCTACCCATCAACCCTCGAATCATCATGAAATGAAAGTAGGTAGACCATGGATCAAACTGGAAGCTGACACAGCGAGATCATGCCTCTACATTCAAACACATCAAGGAAGACCATGGACCTATTCAGAATCTCAAATATTGAGTCCATGGACCCAATCTGAAACACAAACAGCTGCACTCTGGACCCAGTCTGAAATCTTCATAGTCAGATTCTGGTCCCAAATTGTACCTCCAGTATTCAAACCATGGGCTTTTCCTGAAAGAACACTTACCTCCTTGATTCATTCTGAAAACCAGACACACAGACCTTGGAACAAGTCCAACGTTCACATGATGACATCCTTTGTGATTTCCAAGCCTGAAACACACAGAACCTGGGTACAGCCTGTAACAGAAATACTAAGGTCAGAAACTTATGATAAAGCTGATAGGATTGAATCATTGACTGCTTCTAAGGCTGAGTCAGATAGAGAAATGCTACTGATGAGTCATTTTGGCTTTGGGTCTCAACTTGGACCATTTGTACCCATAGAAAGTATTCCTTCCTCAGTAGAGAATTTAATATCTTTATCAACTAAAACAGATGCTCTAGAAAACCAAGATAACAGAAAATATCTCCAATCCAGCCTGCCCACAAGCATATTCTTTACAATTTCAAGTACTTGGTCTTTTGGGAGAGATGGTTACCAGAATTTTGACAACCAATTACAAGTGATAAATACAAAGAGAAGCCCTAGAATCTCACATACCTCTTTTTATTCTCAGTATCCAGCTTATTCCTCTTTTATTTCTTGTTCTTTCCAACCTCCATGTATGTCATCCACTTCTTGTTTAGTGTTTTCTTCTTGCACATTCCCTTCATCCTGTATTTTCGCATCTTGTCCTGTGTTTTCTCCCGTGTCTCTCTCCTCTCCTCTTTTATCCTTAGCCTCTTCTAAAAGTCTTCTCCAGGAAACATCTTCATCAGAATTTACTCAAGAGACTATTCTTCTACATGCATTGTCATCCTCACATGCTTCTCCAGCAACATTGTTAACAAAACAACCTACTTGGTTGCCTGGATCTCAGTCTGGAACTGACTCTGAAGATCAGCTGGAAAATTCTGCCAAGCACTCAGTACTCAATGTTTCGTTGGCTGAATGCCGCCTTGGTGTAATTTGGAAAGAAAGTATCCAAGCATTTTGGCTCTTTAAGACAGCTGTCATTTCTCAGGAGATCACAGAGTGTGGATTACGCCCAGGGCTTGTGCCTCACTGTCCCAACTGCTGGGAGGCAGAGATGGGTGAATTCCCTTGGATGGTTTCCGTGCAACTCTCTTTCTCTCACTTCTGTGCTGGCTCCATACTGAATGCACAATGGATCCTCACAACAGCAAGATGTGCCAATTTCATAAAAAACTCAGAAGCTCTTGCACTGGTCCAAGTGGGGCTGATTGATCTGCAAGACCCTGCCCAAGCCCAAACTGTGGGCATTCACCGGGCCATGCCTTACCTTGGCCCCCATGGTCCTCTGGGGCCTGGGCTGATCTTCCTGAAGCAGCCACTGCATTTGCAACCCTTAGTGCTTCCTGTCTGCCTGGAGGAGAGCCTGGATCTAGAGAAAAACATGCAACTGCATGACTGCTGGCTGCCCAGTTGGTCCCTTATGCGGGGAAGTCCTGGCATTCTGCAAAAGAGGCACTTGAGTGTCCTGCCAATCAACACCTGTACCCAGTTTTGGCCCTTGTTAGATGAGTACAGCTTCTGTGTGGAGGCCAGGAGAGCCATGGGCGAGGCCGGATGCAAGGGTGATCTGGGGTCTCCTCTGGTGTGCCACCTGCAGCAGAGAGACACATGGGTGCAGGTGGGGATACTGAGTCAGTTTGATGAACATTGCACCAAGCCCTACGTCTTCAGCCATGTGAGCCCATTCCTCTTCTGGCTCCAGGGAGTGACTCAACCCAGCCTGGCACCCTGGGCCCAGCAGGGACCCATGACGACATCAGCATCCACCTCCCTCTCAGTCTCAGCTTCCACCTCACTCTCAGTCTCTATCCCTGAAAATGCCTCAGCTTTCACCTCCATGCCTGCTTCTGTTCAGCCACACTTCATCTCTCTGCCACAGCCTCAGACTTTGGCAGATCGGATTTCTGTACGATATGCATTCCCTTGGCAGGCCATGATTGTTGGCTGTGGCCATCAGATCTGCAGTGGTTCCATCATTGGTAGCTCTTGGATTCTCACTGCTGCTCACTGTGTCAGGAATATGAATCCAAAAGACACTGCTGTTATTCTGGGACTGAGGCACCCTGAGGGACCACTGAGAATTGTTCAGGTGTCTGCCATTCTACTCCATGAGAGATTCCAGCTGGTGGGTGGGGCAGCAAGAAATGACCTGGCATTGCTGCTGCTGCAAGAAGCTCAGACTCCCATCCAGTTCTTGGCACCTTTGGGTCATTGGAAGAATCTGAATCACTCAGAATGCCGGCTGTCTGGACCATGGATTCTTAAACCAGGAGAAACAGATGAGAATCCAAGTATCTTACAAATGCAGGTGATGGAAACATCTACTTGTGCCAATCTCTACCCTGAAATGGGCAATTCTGTTGTTTGCTTTGTGAATCAGGGCAGAAGTTCTGATACAAACGCGGATCCCATGAGCCCAGGCAGTGCTCTGATGTGCAGACCCAGATCAGGCAATGGTGAATGGAGACAAATTGGCGTCACCAGTCTTGAGACCCTGGCTACCGTCGTGAGCCCACACTTTTCCTGGATCCTATCCACAGCAGCCAAAGCAGGTCATCCTCTCAACCAAGCCCTCACACCAGGGATGGAAAGCCGCAAGTCCTCCACGCTTCTGAAACAGCCAAACATACGGCTTCTGACATGGATAATGGTGACTGCAGCCCACAGTCTACTGTAACCCAACACTAGTAGCAGATTAGGATAAATAAAGACACGACAGAT

>Rat, Rattus norvegicus (MW769785)

TCGTCATAAACCAAGACTGGCGTCTATGTCACAGACGAGTCCAGCATTCGACTTCCCGTTCTTTAAATCCCTCACTCAGTGTCTCAGCCGGCGGTCCCTCGGGTTCGAACTCCTGAAGTGAGAATGAGCGGCGTCCATTTCCTCTGCCATTCTCAGCGCTGTTTATTCACTGCCTTGGCCCATTGAACACTCAGAAGCCATGGCGACCTTTCACCCCATTGCCAACATGGCGGAGACCGTTCACTCTCCTGCAATCGGACTCATGGCCGACGTTCGACAACATCCCTTGGGTCGCAGCCATTGATGACACCTGCCAGGGAATTATCCTTAATCCATGGTGGATCCTGTCCGCAGTCACATGTCTGACTCGACTGAAACATTTCACCTCTGACCTCCCAAAAGCAATACACGAAGACGGAGTTTCTGGTGGGGATGAAATCTGCCTCCACCCTGGAATTAACCCCGGACGAGGAAAATACAAAGGTCACGACGTCATCGTTCATGGCATCGTCATCAGTCGCCTGCGGGTCCCAGTGAGGGGCAAGGAAATCTCACTTCCTCCATCATACATCATCGTCAGGAAAACCTGTTTGAACCGGCTGTGCAGTCATTGCGGAGTCTATCAATCCCAAAAGTACAGTTTGTTTGAGAACAACATAAGGAAGTTGTCAATTGAATTTCTGGATATTTCATTCTGCCATCATCAACATAACAGCGTGTCTAAAAGTAATAAACTGTGCATCTGGATTCATCAAAAAGAAGATTGCTTGATACAGCAAGGTAGCCCTGTTCTCTGTATCTTTGGCAGTCACTGGGAAGTCGTGGGCCTCATCAGCGAATCCTCAAGGACATGTGATGATACTGTTCTCATCATCAAGATGGCCCTGAACCTATCATGGACGAGGCAGTTTATTACTATAGATGAAAAACCACTGGATTGGATTTTCCCTTTGCTTTGCAATTTTTGCCCTGGAATAGAAGACAGTCTTAATAAGAACATAAGCAGTGCTGCTTTTGTCCCCCACGGATTCTCTTCTCACTCATGGAGTAGATTAATTACTTCCTCACAGAGCAGATCACGGTGGAATCCTCCTCCATTTCTCTTTGTTTCAAATAACAAAGACTCTTTTGCAGGCAGGCAGCACTTATATTTTCAAGTTGGACGTATCTTTTCAGCTAGCAAATCCTCAACATCACGACCCTGGACAATTCCTATGTTCAAAACTTTGGAGACGCTTTCAAGGGAGAAACCTACCCTGATGCCTCCACCTCAACTTGGCCCTCAAGATAAGCACTTAATGGAACCACTGTCTTTTAAGGAATCGATACTTAATGTTTCCTTGTCGGGATGTCACCTTAGTATGGTATGGAAAGATAATCTTCAAGCTCTATGGCTCTACAAAACAGCAGTTCTTTCTCATGAAACCACAGAATGTGGTTTACGCCCTGGCCTTGTCCCCCACTGTCCCAACTGCTGGGAAGCTGAAATAGGTGAATTTCCTTGGATGGTTTCTGTGCAACTTTCTTACTCCCACTTCTGTGCAGGCTCCATACTTAATGAAAAGTGGATCCTTACGTCTGCTCGATGTGCCAATTTTGTAAAACGGTCAGAAGCTCTGGCTTTAGTCCAAGTGGGGCTGGTTGATCTTCAGGACGCTACACAGGGTGAAATCGTAGGGATTCACCGTTCCATGCCATATTTAGGTTCCAGTGGACCATTGGGACCTGGCCTGCTCTTGTTGAAGGAGCCCCTACAGTTTCAACCTTGGGTGCTTCCTATTTGCTTGGTGGAGAGTCTGGATCAGGAGAGACATATCCAGCTGTATGACTGCTGGTTACCCAGTTGGTCCCTTATGAGGGGAAGTCCTGGTATCCTGCAAAAAAGGCACCTGAGCATCATGCAAATCAGCCCTTGTGACAAATTTTGGCCTCAACTGAATGAGTTCACTTTCTGTGTAGAAGCCAAGAAAGCTATGGGGGAATCTGGCTGCAAGGGTGATCTTGGGGCACCTTTGGTCTGTCATCTGCAACATAAAGACACGTGGGTGCAGATGGGGATTTTAATTCACTTTGATGAACAGTGCAAAAAGCCCTATGTCTTCAGCCACGTTAGTCCTTTCATTTCCTGGCTCCAGAGAGTCACACAGCCCAGCCACGCCCCCTGGTCCAATCAAGAACCTGTGACTATTTCAGTTTCTAATTCCGTGACAGTCTTTACCAATAGAAAAGTCTCAAAATTTACAGCTTCAGTTGAATCTACTCCACACTTCATCTCTCTGTCAGAGCCTCAGGCTTTAGGGGATCATATTTCTCTGCAATATACGATGCCATGGCAGGCTCTGATCTCCAGCTGTGGCAATCAGATCTGCAGTGGCTCCATGATTAATAGCTACTGGGTTCTCACCGCTGCCCACTGTGTCAGGCACATGAATCCCAAAGACACTGTTGTGATACTGGGCTTTCGGAATCCTGGGACAACTCTGAAAATTGTTAAGGTGACTTCTATTTTACTGAATGAAGAATTCCGGTTATCAAATCAGGGTGTGAGAAATGACCTAGCTCTTGTGAGAATTCAAGAAGGCCAGGGTTCTGTTCCCATAGTGGCGCCTTTGGGCAATATTAGGAATCTAAACACCTCAGAATGCTGGCTGTCTGGACCTCAGATTGTCAACCCAGGGGATATACTTGAAAACCCAGAAGTTCTACAGATACAATTGATGGGAGCTTCCAACTGTGCCTATCTCTACCCAGACATAGGGGGTTCTACTGTTTGCTATGCTTCACAGGCCAGGGGACCTGAAATAAATATGGAGTCAGTGAGTCCTGGAAGCACTGTTATGTGCAGGCCGATATCTGGCAATGGCAAATGGATACAAATAGGTCTCACCAGTCTCAAACATTTAGCTACTATAGTGAGCCCACACTTTTCCTGGATCTTGTCATCCACAGCAAAGGCAGGTTATCCCTTAAACCCGGATTTCAATCCTTGGGTAGAAAACCCGAAATCCTCTAGTCTTGTTAGACGTCCAACCACACCGCTATTTTACTTTGGAATGACTCTTGCAGTGATGAGGATGTTTATTTTGTAGTTAATTAAATACATTATGCAAGTCTGTTGAACTGTAAATAGGAAATCAGGAAAAAAAATCAATGAAATACTGTTATTCTCTGTAGCTTCTCCTTACATATTGTTTTAATAAACAGGA

>Tiny Cayenne Caecilian, Microcaecilia unicolor

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CCCTATCTTGCATTCACATCCGCTTGAGCCAACATGAGATCTCCACTTTGCTTCTATCAGTTTTGGGGACTGTTTTTTTCACTGCTCTGGTGTACCCAATTCTCAAAAGCAGTGGTTAAGCTCATTGACCCCAACGGTTGCCCCATTGACAGCATCCAGCAACATCCCATGGCTAGTGTCCCTGGCTGAAAACTGCCAGGGCATTATTCTGAGTCAGTGGTGGATCCTCTCCACAGCCAGCTGTCTGAATAAACTGAAACATTTGGACTCTGACATTTCAGCAGTCATTGACCAAGAAGATATCTTACTTGGCCATACAATATGCCTGCACCCCAGTTTTGGTCCACAAGTTGGAATGGATCCAGTCAAAGGAGACATAGGAGTCATCCTGCTACAGTACCCTATCAGGGTGGGGGGAATACCACTTTATCACACTTATAACATCTTCTGGAAGAGCTGTTATAACTGCCAGTACAGACACTGCAGGGTATACCAATATCAGAACCACAATAACTTTGGAACCAGTATCAAAAAGCTGTCAGTTAAGCTGCTGGACCTCTCATTCTGCCACCATCAATATATCCACCTAACTAAAAGTAACAACTTATGCATCTGGAGTCAGCCACAAGGAGACTGCTGGGTACAGCAGGGTAGTCCTGTTCTCTGCCTCTGTGGCAACCACTGGGAACTGGTAGGCCTGGTCAGTGAATCCTCAATGGCCTGTTATGACCCTGTTCTTGTCATCAAGACAGCCCCATATTTATCTTGGGTGAAATGGCTTATCAAGACATCTCAGAAGCCACTGGATCCTATTTGTTCCCTACCCTGCAATTTTACTCCTGGGGTAGAACATCGTCCACAAGACAGGCTTAGCCTGAGCAGGGGTACTGCCATTTTGACCTCCCACAGACTCTCTGTACAGTCACGGAAGAGAAGATTAGGCACTTTCCCACTGAACAGACAGCACCGGAATCCTCCTCCAGTATTTTTTCATTTAAATAATAGAGACTCTTTTCCTGGCAGTAGACAGTTACACCTTCAAGCTAGTCAGCTCTCCTCAACTAGCAAATTCCCAATGATACAATCTTGGACGTCTCTTGTTACCAAACAGCGGGATCCTTCTGATATTTCTGAGCCCTGGAATACCCCAATAGCTGGTACTTCTGAAACTTTGGTTCTTTCTGGACCCCCAAAGACTCCAACACCTGATAAATCTATACCCTGGGGCCTTCCTCAGAAAGATACAATGAAATATCAATACCAAACGATGACCAATTCAGTAAACTCCTGGGTTAATCCTTTAGCTGGTATCATTGGGCTTCATACTCTACCATTAGTTAGTTCTGCTATATCCTGGGTTTTGTTTTCAAGTGGCATAGATGGATCCCACCTTCTTTCTGGGGTTAATACCGTACAGTTTCAAGTTCAGTCTAGTAAGGTTCCTTTCCATGGTCAACTTCTAGCTAGACCCTGGCTAGAAATTACCCCTGACATTGGACCTTGGACACATTCTGTACCTGATAAAACTGGAACAGTGATGCAGATACAATCAAGTGAAGAGAATATTGGAAGCCAAATACACCATGTAGTCGATAGAGTTCACACTGCTTTTAAACCAGTAACTTATAACTTGAATGCATGGGTTCCTTTAACAGTTAATAAAAATGAATTCTGGACTCATTCCACGCTAAATGCAGATGGATCTCAGTATCCTACATTAACTCTTACGTTGGAACCCTGGTTTCAGTCAGTCTTAAATTTAGATGGATCCCAAGAACTTACAGAAAAGACTAATGAATACTGGATTCTTCCTGAATCTAAGTCAGTTCAATTGTGGACTTCTTCAGCACTTAATATGCCTTTCACTTGGATACCATCTGCAAGCAACACTATTAAGTCTTGGGCACAATATAATACCAGTCTGAGCAAAGCCTCAAGTCAAATGGAGAGAATAAGTCCATGGAGTAAACGTGAATCTTTTATGGTCAAACCCCAGATTCAAACTGCGGATACAACCTGGTTTTTGACACATATTATTACAAATGTAATTAAGCCTTTTTTTCAGTCTAAAGCTGATACAACCAGGCCCTGGAGTAAACCTGAAGCTGCCATAACCCAAACCTGGACCCAGCCAGAAACCCAGGCAAGAAAACCACTGACTCAGCTGAAAGCAGAAATCAGACGATGGTTACAGATTAAAACTGAAAGAATCAGACGCTGGATTCAGCCTAAGTTTCAAATAGTCAGACCTAGAGCCCAGACTGAAAATGGTAAAGACAAACATTGGACCCAGTCAGAAGCACATATAATTAGATCCGTGACACACACTGAAATTGAAACCTTCAGACTTGGGAACAAGCCTAAAGCTGGTACAGCCAGATCCTGGTTTTGGACTCAGTCTAATCAAATGAGAGCAAGGTCTCAGCCAGACTTGCAAACACTCTACCCTTGGACTCAGCCTGAAGTTGACATAGTGAGACCATGGACTCAGTCAAAAGCTAGTAGCATCCAACCATGGATGAAGCCTGAAGCATTGACATTCAGAATCTGGAGGCAGTTTAAAGTTAATACAATTACGCCCTGGACAGGGCCTGAAGCTGATATAGCTAGACTTTGGTTGCAAATACAAACCAATACATTCAGAACATGGAACCAACTTGAATCTCAGACAACCATTTCCTGGTCTGAGCTTGAAGCTGATAGAGTCAGACCCTGGTTGTATACTCAAATGCATACATTCAAACCTTGGATTGAGACAGAATTTCAAACAGCCCATTCCTGGACCCAACCTGAAGGTGATATACCCAGGCTTAGGACTAAATCTGAGGCTGACAATGTCAGACATTGGTTCCAGACTCAAGTGGAGACACCCACAATGTGGACAGAGCCAGTATCCCAAGTAGCCCACCACTGCATACAGTCCAAAACAGAAATAGTTAGGCCCTGGAACCAACCTGTGGCAGACAAGCTAAGAGCCTGGATACAACATGACATTTACACTGTAAGGCCCTGGGATGAGCTTGAAGGTGATAAGGTTAGATTCTGGACACAATCTGAATCTGACATAAGACGTTGGATTCAGCCAGATGTGGGTATAATCAATCCCAGGGCACAAAATGAAGCTGATACATCAACACCATGGGCATGGGGACAGGCTGAGACTCCAGAAGTTAATCCCTGGGCACAGTCTGAAACCGAAGCAGTTATACTCTCAAAACAGGGAGAAGCTTCAGCAATTAGTCACCAGACAGATATTTTAGCTGATACTGTCACAACATGGGCAAAGACTGAATTTCCAGGACAAAGGCTCTTGATGTATCCTTTGTCTCGTGTAGTCACACAGTGGACTCAGCCTGAACTGCCAGTGGCAAATCTCTGGACACAACCTGAAAATGTTACAGTCACACCTTGGATCCAGGATGAATCTCTTGCAGTAAATACCTGGACACAGACTGAAAATAACACAGTCATACCATGGACTCAGAATGAATCCCCAGAAGAAAATACCTGGACAGAGGCTGTTTCTGAAACAGCCATACCATGGACCATGGGATTTTTTCCAACCATGAAGCCCTGGATAGAGACTAAATTTGATAAAGTCACACCAGGCACCAAATCTCAATTTTCAGAAGTAAAACTTTGGACACAACAGTTGCCCAAAACATTGGACACTGAAACTGGTACCGTCAAAAGGTGGACTCAGTCTGAATCTCCACCCTTAATTCCCAGGATAGAAGCTATAGCTTCCATAGTCCCATTATGGACCCAGGCTGAATCTCTAGCTGTAAATCAGTGGACACAACCTATAGCTTATAGAGTCACAGAATGGACACAGACTAAATCTCCATCAGTAAATACTTGGACTCAGGTTCAATTTCTGGCAGTAAATCCATGGACACAGTCTGAATCAGAGTACAAATCTCCAGCCCTAAAACAGTCAGTTGAGCCTGAGGCTAGTGTAGTCATATTGTGGACTCAGACTGAATCTCCAGAAGTAAATCCTTGGATAGAGCCTGTAGCTTCCTTAGTCATGCCATGGACACAAGCTGAATATCCAGCAGTAAGTTCATTGACACAGGCTGTAGCTGATACAATTATCCTGTGGCCTCAGGCCGAATCCCAAGCATTAAATCCCTGGACAAAGTCTGTAGCAGATACAGTCACAGTGTGGGCCCTGGATGAATCTTCAAGAGCAAAACCTTGGACACAGATATTAACTTCATCAGATATATTTTGGACCCAAGCCAAAACAGTAATTCCTTGGTCTACTTTTGAAATATTCCCACAATTCACCCTTATTCAATCTGTAGTGGTTAAAACTTGGACACAATTTGAGAGTGACACAGTCACAGCCCTAACTCAGGGTCAGGCTCTTGCTGTGAATCCCTGGACAGAGATTATCACTTCCAGAGTCACACCATGGATCCAAGCTGAATTTCCAGCAGTAAATCCCTGGACAGAGGCTGTTGCTTCCAGAGTCACATCATGGACCCAAGCTATATCTGTAGCAGTAAATCCAGGGACAGAAGCTGTCACTTTGAGAGACATACCATGGATCCAAGTAGTATTTCCAGTAGCAGTAAATACCTGGACAGAGGCTGTCACTTCCAGAGTCTTTCCAGGGACCCAAGCTGTACTTCCAGTAGTAAATCCCTGGACAGGCACTGGTGCATCCAGAGTCATTCCATGGACACAAGGTGTACCTCCAGCAATAAATCCCTGGACAGAGGCTGGTGCATCCAGAGTCACATCATGGAGCAAAGCTCTTCCTCCAGCAATAAATCCCTGGACAGAGGCTGGTACATCCAGAGTCACATCATGGACCCAAGCTGTATCTCCAGAAGGAAATCCCTGGACAGACGCCGGTGCATCCAGAGTCATGCCATGGACCCAAGCTGCACCTCCAGGAATAAATCCCTGGACAGAAGCTGATGCATCCAAAGTCACTCCATGGACCCAAGCTATCCCTTCAGAAGTAAATCCCTGGACAGAGGCTGGTGCATCCAGAGTCACTCCATGGACCCAAGCTGTACCTCCAGCAGTAAATCCCTGGACAGACACTGATACATCCAGAGTCACATCATGGACTCAAGCTGTACCTCCAGCAGTAAATCCCTGGACAGAGGCTCTTGCTTCCAGAGTCATGTCATGGAACCAAGGTGTGTTTCCAGCAGTAAATCCCTGGACAGTGACACTTGTTTCTACCGTCACAACATGGACCCAGGCCTCCTCTCTTCTAAATCCTTTGACAGACACTAAAGCTTCTACAGTGAAAATATGGACTCATAATGAATATTCATTAGTAAAATCCTGGACACATTCTGCAATGTCCACAATTATATCCTGGACTCAGTCTGAATATCAAGCAGTAAATTCTTATATACCGAGTGTAACTGATACGGTCATATTTTGGACTGTACTTATATCTGAGTCTAAGAAATCATGGATACTGCCTGAAGCTGGTGTATTCAGTATTTCATTGCATCCTCAAAGTGATTCTACTCAATCCTTGATTCAAGGAGAAAATCAAGCATCTCTTCTGTCGACACATCCTGGAATTAATACTGTTAGTACATGGCCTTTGCCAGAATTTGAAACACTGGTATCATGGAGAGTGCCTTTGTCACAAGCAGCCACACTCTTACCCCTATCTGAAACTGATATTAGCCGATATTGGTTTAAAACTGAAACAGAAAGAGTAAGTACCTCGGCCTGCTCAAAACTTCAAACAGTGAGAACTTTGACCCAGTTTGAAACTGATAGATTTGAGCCCTTGGCCCAACATGAAACTCCTACAGTCATATCATGGATTCCAACAAAAACTGGTATATCCCACCCCTGGAATAAGTCTGAAAAAGACAAAGTAAGAACCTGGACCCTTTCTGGAGGTGATGCCTTGCGACCATGGATTCACAGTGAAGCTAGTATATTCAACCTCTGGATCCAGTCTAAAAGCAGTACAGTCACACCCTGGACCAAGCCTGGGTCTCAGTCAGTCAGTATCTGGACTGAAAGAAATACAGGCACATTTTGGTACCTGACTCAAAATGATGCAGTTAGGCCTTGGTCCCAGCTTGAATCTCAAATGACATCTTCTGGGACCCAAAATGGTATAAGTAGCTCTTGGACTCAGTATGAAACTAGTACAGTCAGATCCTGGACCAAGCTTGAAATCAGTACAGTGCAACCCTGGATTCAGGTTGAAACTGCTACAATTAGATCACGGACCCAGTCTGAAAATATAGAAATATACCCCCTGACCCAGTTAGAAGCTGGTACAGTAATAAGACACTGGTTCCAGACTAAACTGGATTCAATAAAACCTTGGAACCAGCCTGAAGCCAATACAATTAGATCATGGACTCAACCTGAAACTGAAACAATCCAAATTTGGACCCAGACAGAGGGCAAAGTAGTAAAACCTCCAACTTCATTGGAACTTGATACAATTACATCTTGGTTACAGACTCAAAGTGATACATTTCAACCCTGGATTAAATCTGACTCCCAATCTGTCAGTCCCTGGAGTCAGGCTGACGGTATAAATCACCCCTGGATTCAGCAAAGAGGTACTGTGAATCAACCCTACTCAGAAATCCAAACAGTCAGACCCTGGATGAAGCTAGATGCTGATGCACTTAGATCTTGGTTCTACATTCCAATGAATAAAGTCAGACCATCGACCAATTCCGAATCTCAGGTCTTCAGCTCCGGGTTGCAGCCTGAAGTTGGTATGTTTCACCCTTGGATCCATCCTGAAACCCAAGCAGTGAGATCCTGGGCCCACCCTGAAACTGCCACCCTTTTAAGAAAAGAACCTTCTCTGATGCCTGGGTCTCAATCTGGAACCAAGTCTCATCAGCCTGAACAAGATCCTCTCAAGTATTCACAACTCAACGTTTCTTTGGCTGAGTGTCACCTAGGTGTGGCCTGGAAAGAGAGTGTCCAGGCTTTCTGGCTCTTCAAGACAGCTGTTATTTCTCATGAAGCCACAGAGTGTGGATTACGACCTGGCCTTGTGCCCCACTGTCCCAACTGCTGGGAGGCAGACATGGGTGAATTTCCTTGGATGGTTTCCGTGCAACTCTCTTTCTCCCATTTCTGTGCTGGCTCTGTACTGAATGAACAGTGGATCCTTACCTCAGCTAGATGTGCAAATTTCATAAAGACCTCAGAAGCACTAGCCCTGGTCCAAGTGGGGCTTACTGATCTTCAGGAGCCTGCTCAAGCTCAAACTGTAGGCATTCACCGTGCCATGCCCTACCTAGGTCCCAAGGGACCTTTGGGTCCTGGGCTGATCTTCCTGAAACAGCCCCTACATTTTCAACCCTTGGTGCTTCCTATCTGTCTAGAGGAGAACCTGGAGCAAGAGAAAAATATACAGCTGTATGACTGCTGGCTACCCAGTGGGTCCCTCATGAGAGGAAGTCCTGGAATTCTGCAGAAAAGGCATCTAAAAATACTGCAAGTCAGCACATGTGCCCAGTTTTGGCCCAAGCTGAATGAGTTCACTTTCTGTGTGGAAGCCAAGCAAGCTCTTGGCGAGACTGGCTGTAAGGGTGACTTAGGGGCACCtCTGGTATGCCATCTACAACAAAAGAACACATGGGTGCAGGTGGGAATTTTGAGTCACTTCGATGAACATTGCACAAAGCCCTACGTCTTCAGCCAAGTGAGCCCTTTCCTTTTTTGGCTTCAGGGAGTCACACGGCCCAGCCATGCACCATGGTCCCAGCAAGGGGCCATGACTACCTCTGCTTCCATCTCCCTTTCAGTCTCTACCTCTACAAACAACTCAGCTTTTACTGCCACTCCTGCTTCTGTTCGGCCACAGTTCATCTCTCTGCCACAGCCTCAGACTTTAGCAGATCGAATTTCTCTACGATATGCCATGCCTTGGCAAGCCATGATCATCAGCTGTGGCAGTCAAATTTGCAGTGGTTCCCTTGTTAGCAGCTCTTGGGTTCTCACTGCTGCCCACTGTGTCAGGAACATGAATCCTGAAGACACTGCTGCAATACTAGGCCTGAAGCACCCTGGAGCACCTCTGAGAGTTATTAAGGTGTCTAACATTCTACTGCATGAGAGATTTCGGTTGGTGAGTGGGGCAGCAAGAAATGATCTAGCACTGCTGCTCCTTCAAGAGGTCCAGACTCCCATTCAGCTCTTAGCACCATTGGGACATCTGAAGAACCTCAGTAGCTCAGAATGCTGGCTTTCTGGGCCAAGAGTTCTCAAACCAGGAGAAACAGATGAGAATCCAGAAATGTTACAGATGCAGGTGATGGGAGCTTCAGGCTGTGCCCACCTCCACCCTGACATTGGCAGTTCTATTATCTGCTTCATTACTCAGGGGAAAGGCTCTGATACGAATGTGGAACCTGTGACTCCTGGCAGTGCTGTTATGTGCAGACCAGTGTCTGGAAATGGCAGCTGGAGACAGATAGGCTTTACCAGTCTAAAGGCACTTGCTACCATTGTCAGCCCACACTATTCCTGGATATTTTCCACATCAGCCAAAACAGGTCATCCCCTAAACCAGGCACTCATGCCTTGGGTGGAAAAGCCAAAGTCATCTAGTCTTCATAAACAGGCAACACTACCACTTTCATCATTAATGATTCTTGTAATGCAGAGTCTATTGTAAACCAGTGGTTATAATGACCAGTACCAATCTGGTCACACTGTGATAAAAAAAAAAAAAGAGATCAGAACTTCCAATTAAAACAAAACAGTTGAATTAAGACCCTAACTTCTCTGCAGTTATTCCTTAGAAAAGCATCAATTCTATCCATTAAAATGACA

>Sea Otter, Enhydra lutris kenyoni

NTACCCAGTTCTCAAAAGCAGTGGTTAAGCTCATTGACCCCAACGATTGCTCCATTGACAGCATCTAGAAATATCCCATGGCTAGTGTCCATGGCTGAAACCTGCCAGGGTGTTATTCTGAGTCGGTGGTGGGTCCTCTCCACAGCCAGCTGTCTGAGTAAACTGAAACATTTGCACTCTGACATTTCAGGGATCACTGACCAAGAAGATATCTTAATTGGCAAAAAAATATGCCTGCACCCCAGGTTTGATCCACAGGTTGGAATGAATCCAGTCAAAGGAGTTATAGGAGTGGTCCTTCTGCAGTACCCTATTAGAGGGGAAAAAATACCACTTTATCAGACTCACAACATCTTCTGGAAGAGCTGTTATAACTGCCAGTACAGACACTGCAGGGTACAGCAGGGTAGTCCTGTTCTCTGCCTTTTTGGCAAACACTGGAAACTGGTGGGCTTGGTCAGTGAATCCTCAATGGCCTGTGATGACCCTATTCTTGTCATCAAGACAGCTCCATATTTATCTTGGATGAAATGGTTTATCAAGACATCCCAGAAGACACTGGATCCTATTTTTTCTCTACTCTGCAGTTTTACTCCAGGGTTAGAACATGGTCCACAAGACAGGCTTAGCCTGAACAGGGAAACTGCCATTTTGACCTCCCATGGATTCTCTCTACAGTCATGGAAGAGAAGATTAGGCACTTTCCCACTGAACAGACAGCGCCGGAATCCTCCTCCCATATTTTTTCATTCAAATAGTAGAGACTATTTTCCAGGCAGTAGAGAGTTACATCTTCAAACTAGTCAGATCTCCTCAACTAGCCAATTCCCAATGATACAATCTTGGACCTCTCTTGTTACCAAACAATGGGATCCTTCTGATATGTCTGAACCCTGGAATACCCTGACAGTTGATACTTCTGAAATTTTGGTTATTTCTGGAACACCAAAGCCTCGAACACCTGATAAATCTATACCCTGGGGCCTTCCTCAGAAAAATACAATGAACTATCAATACCAAACTATGACCAATTCAGTAAATTCTTGGGTTAATCCTTTAGCTGGTAAAATTGGGCTTCATACACTGCCATTAGTTAATTCTGCTATATCCAGCGTTTTGTTTTCAAGTGGCATAGATGGATCCCAACTTCTTTCTAGGGTTAATACCGTACAGTCTCAAGTTCAATCTAGTAGGTTTCCTTTTCATGGTCAACTTCTAGCTAGACCCTGGCTGGAAATTACCCCTGACATTGGACCTTGGAAACATACTGTACCTGATAAAACAGAAACAGTGATGCAGATCCAATTTACTGAAGAGAATGTTGGAAGCCAAATACACCATGTAGTTGATAGAGTTCACACTGCTTTTAAACCAATAACTTACAACTTGAATGGATGGGTTCCTTTAACAGTTAATAAAAATGAATTCGGGACCCATTCCACACTAAATGCAGATGGATCTCTGTATCCTACAGTAACTCTTACCTTGGAACCTTGGTTCAAGTCAGTCTTGAATTTAGGTGGATCCCAAGAACTTATAGAAAAAACTAATGAATACTGGAGTCTCCCTGAATCTAAGTCAGCTCAATTATGGACTTCCTCAGCACTTAATATTCCTTTTACCTGGATTCCATCTTCAAGCAATAATATTAAGTCTTGGGGAAAATATAAGACCAGTATTATCAAAGCATCAAGTCAAATGGATAGAATAAGTCCATTGATTGAACATGATGAGTCTATTATGGTCAAACCCCAGATTCAAACTGCAGATACAACATGGTTTTTGATACCTACTATTACAAATGTAATTAAGCCTTTTGTTCAGTCTAAAGCTGTTACAATTAGACCCTTGACTAAGCCTGAACCTGACATAGTCCAAACCTGGACCCAGCCAGAAGCCCAAATAAGAAAACAACTGACTCAGCTGAAAGCAGATAAAATCAGACCATGGTTACAGACTAAAGCTGAAAAAATCAGATCCTGGATTCAGCCTAAGTTTCAAATAGTCAGAGCTAGAGCCCAGAATGAAAATGGTAAAGACAAATATTGGACCCAGCCAGAAGCAGATATAATTAGATCCATGACCCACACTGAAATTAAAACAATCAGACTTGAGAACAAGCCTAAAGCTGGTATGGCCAGATCCTGGTTATGGACTAGGTCTAATCAAATGAGAACAAGTTCCCAGCCAGACTTTCAAACACTCTACCCTTGGACTCAGCCTGAAGTTGACATAGTAAGACCATGGACTCAGTCTGAAGCTGGTAGCATCCAACCATGGATGAAACCTGAAGCATCAACAGTCAAAATCTGGACACAGTCTAAAGTTAATACAGTTACACCCTGGACAAGGCCTGGAGATGATGCAGCTAGACTTTGGTTGCAAATACAAACCAATACAGTCAGGACATGGAGCCAACCTGAATCTCAAACAACCATTTCCTGGTCTGAGCTTGAAGCTGATAGAGTCAGATCTTGGTTGCAAACTCTAATGCATACATTAAAACCTTGGATTGAGACAGGATTTCAGACAGCTCACTTCAGGACCCAACCTGAAGGTGACATAGCCAGATTTTGGACTAAATCTGAGACTAACAATGTCAGACATTGGTTCCAGACTCAAGTGGACACAGCCACAATATGGACAGAGACAGTATCCCAAGCAGCCCACCCATGGATACAGTCCAAAACAGAAATAGTCAGGCCGTGGAACCAGCCTGTGGCAGACAACTTAAGAGCCTGGATACAACATGACATTTATACTGTAAGGCCCTGGGATAAGCTTGAAGGTGATAAAATTAGATTCTGGACACAGTCTGAATCTGACACAAGTCCTTGGATTCAGCCAGATATAGGTATAATCAATTCTGGGACACAAAATGAAGGGGATACATCAACACCATGGGCATGGGTGCAGGCTGAGACTCCAGAAGTTAATCCTTGGGTACAGACTGAAACTGAAACAGTTATAGTCTCAACCAAGGGAGAAGCTCCAGCAATTAATCAATGGACAGAGGTTTTACCTGATGCTGCATGGGCAAAGACTGAATTTCCAGGACAAAAGCTCTTGACATATCCTTTGTCTCATACAGCTGCACAGTGGACTCAGCCTGAACTGCCAGTGGCCAGTCTCTGGACACAACCTATAGATGATACAGTCACTCAGTGGAACCATGATGAACCTTCAGAAATAAATTCCTCAACGAAGACTATAGTTGATACAGTCATGAGGACACAAGCTGAATCTCCAGCAGTGAATCCCGGGATACAGTCTGAAAATGATACAGTCATATCATGGACCCCGGATGAATCCCTAGTCATAAATCCTTGGACAAAGTCTGTAGGTGATACAGTCACACAGTGGGCCCAGGGTGAACCTTCAGAAGTACTTCCTCGGGTAAAAATTGCAGCTGATACACCATGGATGCAGGTGGAATCCCCAGCACTAAAGCCCTGGATGCAGTATGAAAGTGATATAGTCACACCATGGATACAGGTGGAATCCCCAGCACTAAAGCCCTGGATGCAGTCTGAAAGTGATATAGTCAAACCATGGATACAGGTTGAGTCCCCAGCAGTAAATCCCTGGATACAGTCTGAAACTAACACTGTCCTACTATGGAATCAGGCTGAATCTCCAGCAGTCAATCCCTGGATAGATACTATAGCTGGGACAGGCACTCAGTGGACCCAAGCTGAATCTCTAGCAGTAAATTCTTGGACACAGCCTATAGCTGATACAGTCACAGTGTGGACTCAGGATGAGCCTCCATTATTACATTCCTGGAAAAAGTCTAAAATCCATACACTTACAACATGGACTCTGACAGAATCTTTAGCAGGAAATTTCTGGAGACCATATGAAACTGATAGTACCTCATTGTGGACCAATAAGGGAAATCTAGAAGTAAATCCTTGGGCACAATCTGAAACTGATGTAGTCACAGCTTGGACCCAGGCAGAAACTCCTGGAATAAATTCATGGCTACAACCTATAGCTGAAATAATTTCATCATGGACTCTGGCTGATTCTCCAGCAGTAAATCCCTGGACAGATACTGTGTCTGATAGTGTTATACTGTCGACCCAGGTTGAATCTCCAGTAGTAAATCCATGGTCACAATCTATTGCTGATGTGGACACACTGCAGACCCTGACTGATTCCATAGCATTAAATCCCTGGACAGAGCCTGTATCCGATACTGTTATACAGTTGACCCAGAGTGAACCTCCAGCAGCAATTCAGTGGACAAAAACTGTATCCAGTATAGTTACATCATTTACTGGGGATGAATTTCCTGCAATAGAGACCTGGATAGACCCTTTGCCTGATATCACATTGTGGACCCAGACTGAAACTCTAGTAGTAAATCCCTGGACAGAGACTGTAGCTTCCACTCTCACATCATGGACCCAGACAAAATCACCAACAGTAAATTCACTGACAGAGGTTGTAGCTGCCACAGTAATACCATGGAATCAGGCTGAATCTGCAGGAGTAAATCCCTGGATGGATGCTGTAGCTTTCACAGTATCACTGTTGACTCACGATCAATCTCCATCAGTGAAAACCTGGACAGAGGCTGTACCTTTCACAATCACACCACTAACTCATGCTGAATCTCTGGCAATAGTGTCTATGACAAAGGGAGTATCTGATGCAATCTTATTGTGGAACCAAGCTGAATCACCTCTAGTATATCCTTGGACACAGTCTGAAACTGATGCAATCATACAGTGGACTCAGGGTGAATCTTTAAAAATAAATCCTTGGACAGAACCTGACACAATAACACCATGGACTCGTGGTGAGTCCCTAGCAGTAAATCCTTGGACAGATGCTGCAGGTGACACAGTAACACAAATGAACCTAGTTGAATATCCTTCAGTACATCCCTGGACAACATTTGAAATGGATAATGTCACATTCTGGACCCAGGCAAATTCTGAAATCATAAATCTATTGACACAGACTATAGTTGATATAGTCACACTGTGGACCCAGGCTGAATCTCCTGCAGTGAATCCCTGGACACAATCTGAAACTAACACAGTCACACCATGGACCCAGGCTGAATCTGCTACAATAAATCTCTGGACCCAGGCCAAAACTAATCTAGTCACACTGCAGACCCATGGTAGATATCCGGCATTAAATCCCTGGGCAGATCCAGAAACTAACACATTTAGATCATGGTCTCAGGTTGAGTCTTCAAGAGTAAATCCATGGATACAGTCTGAAACTGACACAGTCTCACCATGGACCCAGGCTGAATCTGCTACTATAAATCTCTGGACACAACCTGAAAATGTTATAGTCACACTGTGGATCCAGGCTGAATCTCTTGCAACAAATCCCTGGACACGGCCTGAAAATAACTTAGTCACACCATGGACCCAGAATGAATCACCAGAAGAAAACACCTGGACAGAGGCTTTTTCTGAAACATTCATACCATGGACTATGGGATTTTTTCCAACCATAAAGCCTTGGATAGAGACTGTATCTGTTAAAGTCATACCAGGAACCAAATATCAATTTTCAGAAGTAAAACTTTGGACACTGGAGTTGTCCAGAACATTGGACACTGAGATAGGTACGGTCAAAATGTGGACTCAGTCAGAATCTCCATCCTTAATTCCCTGGACAGAAGCTATAGCTTCCATAGTCCCACTGTGGACTCAGGCTGAACAACTAGCTGTAAATCAAAACCCTAGAGCTGATAGGGTCACAAAATGGACACAGACTAAATCTCCATCAGTAAATACTTGGACTCAGGTTCAGTTTCCAGCCATAAATCCATGGTCACAGTCTGAATCACCAGAAGTAAATATCTTAACAGAGTACAAATCTCCAGCCCTAAACCCATCAGTTGAGCCTGAGGGTAGTATAGGCACATTGTGGATTCAGACTGAATCTCCATTAGTAAATCCTTGGATAGAGCCTGTGGCTTCCATAGTCATTCCATGGACACAAGCTGAATATCCAGCAGTAAGTTCATTTACACAGGCTGTGGCTGATACAATTATACTGTGGGCTCAAGCTGAATCTCTAGAATTAAATCCCTGGACAAAGTCTATAGCAGATACAGTCACAATGTGGGTCCTGGATGAATCTTTAAGAGCAAAACCTTGGACACAGATGTTAGCTTCATCAGATAAAATTTGGACCCAAGCCAAAATAGTAAATCCATGGTCTACTTTTGGAATATTTCCACAATTCACCCAAATTCAATCTGTACTGGTTAAAACTGGAACACAATTTGAGAGTGACACAGTCACAGCATTAACTCAGGGTCAGGCTCTTGCTCTGAATCCCTGGACAGAGATTGTGACTTCCAGAGACATTCCATGGACACAAGCTGTACATCCAGCAGTAAATCCCTGGACAGAGGCTAGTGCATCCAGATTCATTTCATGGACCCAAGCTGTGCCTCCAGCAATAAATCCCTGGACTGTCACTTCCACCCAAGCTGAACCTCCAGAAGTAAATCTCTGGACAGAGGTTGTCACTTTTAGAGCCACTCCATGGACCCAAGCTATACCTATAGCAATAAATATCTGGACAGAGGCTTTCACTTCTAGAATCATTCCATGGACGCAAGCTGTACCTCCAGCAGTAAATCCCTGGAGAGAAGCTATCACTTCCAGAGTCACTCCATGGAACCAAATTGTACCTCCAGCAGTAAATCCCTGGACAGAGGCCATCACTTCCAGAATCACTCCATGGACCCAAGTTGTACCTCCAACTGTAAATCCCTGGACAGAGGCCATCACTTCCAGAGTCACTCCATGGACCCAAGTTGTACCTCCAGCAGTAAATCCCTGGACAGAAGCCATCACTTCCAGTTTCACTCCATGGACCCAAATTGTACCTCCAGCAGTCAATCCCTGGATAGAGGCCATCACTTCCAGAATCACTCCATGGACCCAAGTTGTACCTCCAGCAGTCAATCCTTGGACAGAGGCCATCACTTCCAGAATCACTCCATGGACCCAAGCTGTACATCCAGCAATAAATACCTGGACAGAGGCTAGTGTATCCAGATTCATTCCATGGACCCAAGCTGTATCTCGAGCATTAAATCCCTGGATAGAGGCTATCACTTCCAGAGTTACATCATGGACCCAAGATGTACATCCAGCAGTAAATCCCTGGACAGAGGCTGGTACATCTAGAGTCACATCATGGAACCAAGGTGTGTTCCCAGTAATAAATCCCTGGACAGTGATGCTTGTTTCTACAGTCACACCATGGACCCAGGTTTCCTATCCACTAAATCCTTTGATAGAGACTAAAGCTTCTACAGTGAGAATATGGGCTCAGAATGAATATTCATTAATAAAAACCTGGACACATTCTGCTATTTCCATGGTTACATCCTGGACTCAGACTGAATATCAAGCAGTAAATTCTTATATACCAAGTGCAGCTGATATGGTCATATTTTGGACAAGGCTTGTATCTGAGTCTAAGAAATCCTTGATACTGCCTGAAGCTAGTATATTCAGTATTTCATTGCATCCTCAAAGTGATACTACTCAATCCTTGATTCAAGTTGAAAATCAAGCATCTCTTCTGTCAACATATCCTGGAATTAATAATATCAATATATGGACTTTACTTGAATTTGAAACACAGGTATCATGGATAGTGCCTTTCTCTCAAGAAGCCAGACTCTCACCTCTATCTGAAATTGATATTAGCATATATTGGTTTAAAACTGAAACAGAGAGAGTAAGAACCTGGGCCCACTCAGAATTTCAAACAGTGAGTACTTTGACACAGTTTGAAATTGGTGGATTTGAGCCCTTGGCCAAACATGAAACTCCTGCAGTCATATCATGGGTTCCAACTAAAACTGGTGTATTCCCCCTCTGGAATAAGTCTGAAAGAGACAAAATAAGAACCTGGACCTTTTCTGGAGGTGATGTCTTGCCACCATGGAGTCAGATTGAAGCTAGTATATTCAGCCTCTGGATCCAGTCCAAAAGTAGTACAGTCACACCCTGGACCCAGGCTGAGACTCAGTCAGTCAGTATCTGGACTGAAGGAAATTCAGGCACATTTTGGTACCTGAGTCAAAATAATGTAGTTAAGCCCTGGTCCCACCTTGAATCTCAAATGACATCTTCCAGGATTCAAAATGGTATAAATAGTTCTTGGACTCAGTATGAAACTAGTACAGTCAGATCTTGGACCAAGCTTGAAATTAGTACAGTGCAACCTTGGAATCAATTTGAAACTGTTACAATTAGATCATGGACTCAGTCTGAAAATGTAGACATATACCCCCTTACCCAGATAGAAGGTGGTACAGTAATAAGACATTGGTTCCAGACTCAAATGGATTCAATAAAACCTTGGAACCAGTCTGGAACTAATACAATTAGATCATGGACCCAACTTGGAACTGAAACAATCCAAATTTGGACCCAGACAGAAAGGCAAATAGTAAAACCTCCAACTTTATCTGAGATTGATACAATTACATCTTGGTTACAGACTCAAAGTGATACAAATAGACCCTGGATTAAATCTGACTCCTTGTCTGTCAATCCCTGGAGTCAGGCTGAAGTTGGTACAAATCACCCCTGGACTCAGCAAAGAGGTACTGTGAATCAACCCTGGACCTACTCTGAAATCCAGAAAGTCAGACCTTGGATGAAGCTAGAAGCTGATGCGCTTAAATCTTGGTTCTACATGCAAATGAATAAAATCAGACCATGGACCAATTCTGAATCTCAGATCTTCAGCTCCAGGTTGCAGCCTGAAATTGGTATGGTTCACCCTTGGATCCATCCTGAAACTCAAGCAGTCAGATCCTGGGCCCAACCTGAAACTGGTATTATTGCATCCTTTGCTATTCATAAACATGACAAAATCAGAACATGGATCCATACTGAAGTAGAAATCAGACTTAAAAAGCATTATAAAGCTTATAGAATTATATCATTTGCTCCCTCTGAGGTTGAGCCAGATGGAGCAACTCTCTTAACTACCCATTTTGGTTCCTGGTCTAAACATGTACCTTTTTTTACCAATAGAAGTAATTCCTTCCCCACATCAGTATTTTATAACTTTGAGATAGCCACACTTTTAACAAAAGAACCTTCTCTGATGACTGGATCTCAATCTGGAACAAAGTCTAATCAGCCTGAAGAAGATCCTCTCAAGTATTCAGAATTCAATGTTTCTTTAGCTGAATGTCGCCTACGTGTGGTCTGGAAAGAGAGTGTCCAGGCTTTCTGGCTCTTCAAGACAGCTGTTATTTCTCATGAAGCCACAGGCAAAAAAAACTCAGAAGCACTAGCCCTGGTCCAGGTGGGACTTATTGATCTTCAGGAGCCTGCTCAAGCTCAAACTGTAGGCATTCATCGTGCCATGCCCTACCTAGGTCCCAAAGGACCTTTGGGTCCTGGGCTAATCTTCCTGAAACAGCCACTACATTTTCAACCACTGGTGCTTCCTATTTGCCTAGAGGAGAACCTGGAGCAAGAGAAAAATATACAGCTGTACGACTGCTGGTTACCCAGTTGGTCCCTCATGAGAGGAAGTCCTGGAATTCTGCAAAAAAGGCACCTAAGCATTCTGCAAGTCAGCACATGTGCCCAGTTTTGGCCCAAGCTGAATGAATTCACTTTCTGTGTGGAAGCCAAGAAAGCTATGGGCGAGGCTGGCTGTAAGGGTGACTTAGGGGCACCTCTGGTGTGCCATCTACAACAAAAGGACACATGGGTGCAGGTGGGAATTTTGAGTCACTTCGATGAACATTGCACAAAGCCCTACGTCTTCAGCCAAGTGAGCCCATTCCTTTTTTGGCTTCAAGGAGTTACACGACCCAGCCATGCACCATGGTCACAGCAAGGGACCATGACTACTTCTGCTTCCATCTCCCTTTCAGTCTCTACTTCAATGAATGCCTCGGCTTTTACTGCCACTCCTGCTTCTATTCCGCCTCAGTTCATCTCTCTGCTGCAGCCTCAGACTTTAGCAGATCGAATTTCTCTACGATATACCATGCCTTGGCAAGCCATGATCATTAGTTGTGGCAGTCAGATTTGCAGCGGTTCCATTGTTAGCAGCTCTTGGGTTCTCACTGCTGCCCATTGTGTCAGGAACATGAATCCTGAAGATACTTCTGTAATATTGGGCCTGAAGCACCCTGGAACATCTCTGAGAGTTGTTAAGGTGTCTAGCATTCTACTGCATGAGAGATTTCGGTTGGTGAGTGGGGCAGCAAGAAATGATCTAGCACTGCTGCTCCTTCAAGAGGTCCACACTCCCATTCAGCTCTTAGCACCACTGGGACATCTAAAGAACTTCAATAGCTCAGAATGCTGGCTTTCTGGGCCAAGAGTTCTCAAACCAGGAGAGACTGATGAGGATCCGGAAGTGTTACAGATGCAGGTGATGGGAGCTTCAAGTTGTGCCCACCTCTACCCTGACATTGGCAGTTCTATTATCTGCTTCATTACTCAGGCGAAAGGCTTAGATACAAATGTGGAACCTGTGACTCCTGGAAGTGCTGTTATGTGCAGACCAGTGTCTGGAAATGGCAGCTGGAGACAGATAGGCCTTACCAGTCTAAAGGCACTTGCTACCATTGTCAGCCCACACTTCTCCTGGATATTATCCACATCAGCAAAAGCAGGTCATCCCCTAAACCAGGCAGTCATGCCTTGGGTGGAAAAGCTAAAGTCATCCAGTCTTCATAAACAGGCAACAACACTACCACTTTCATCATTAATGATTCTCGCAATGCAGAATCTGTTGTAA

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CTCAGGATGACAGTCCAGGTGTAATTACCTGGGGAGAGACTGTTCCTTTCAGAACCACATCAAGGACACCGATTGAAAGTCCAGATATAAACACCTGGAGAGAGACTGTGCCTTTCACAGCCTCACAATGGACTCAGGCTGAACCTCCAGCTATAAATTCTTGGAGAGAGATGATACCTTTTTCCATCCCACCATGGACACAGGATGGAAGTCCAGGTGTAATTACCTGGGGAGAGACTGTCCCTTTCAGAGCCCCACCAAGGACGCAAATTGAAAGTCCAGATGTAAACACCTGGAGAGAGATTGTGCCTTTCACAGCACTACCATGGACACAGGCTGAAGGTCCAGATGTAAATACCCAGAGAGATACTGTGCCTTTTACAGGTCGGACTCAGGCTGAAAGTACAGCTGTGCATACTGGGAGAGATACTGTGCCTTTCACAGCTCCACCATGGACTCAAGATAAAGGCCCAGATGTAAATAACAGCAGTGAGGTGCTGAGTTTCACAGGACCATCATTGGCACATGCTAAAGGTCCAGCTTTAAATAACTGGAGGGAGACTGTACCTATAATAGGCTCATCCTGGACTCAGGCTGAAAATCCAACTGTAAATGCCTGGAGAGAGAATATGCCTTTAACAGCCCCACCCTGGTCACAGGTTGAACATCCAGCTATAAATACATGGAGAGAAACTGTGCCTTTCACAGAGCCACCATGGACTCAGGCTGAATATCCTGCTGTAAACACCTGGAGAGAAACTGTGCCTTTCTCAGCTCTACCATGGACTCAGGCTGAAAGTCCAGCTGTAAACACCTGGAGAGAGGCTATGCCTTTCACAGACCCATCATGGATTCAAGAGAAAAGTCTAACTGTAAATAGCTGGAGACAGATTTTTACTTTCCCAGCCCAACCATGGCCACAGACTGAAAGTACAGTGGAAAACGACTGGATATGGAATGCCCCTTTTACAGCTCCACCATGGTCACACACTGAAAGTTCAGCTGTAAATACCTGGACTGAGCCTATGCTTTTTATAGCCCCTCCATGGACTGAGGCTGAAAATCCAGCTACAAATACCTGGAAAGTGAATATGCATTACAGAGACACACTATGGCCTCAGTCTGACTTTGCACCAGCAAACCCTTGGACATCAACTGAAAGTTTCAGAATCACCTCATGGACTCATACTGTAAAGCAAGTTTTAAATATTTGGACAGAGCCAATAGCTTCCACAGCCACACTGTGGACTCAGGCTGAATATTCAACACCAACATATTGGACAGAGATTAAGGCCATTTATATAGTCACACCATTGACCCAGTATCAGTTTTCAATAAATACTTTGACAAAATCTGTAGGAGCCATAATCACACTTTGGACGTCTGCTGAATCTCTGTCATTAAGTTCTTTCACACAGAATAGTATCGATACAATCGAATTTTGGCCAATGCTTAAAACTGAGTCTAAGAAAAGGTGGAATCTGCCTCAAACTAGTACATTCATGTTTTCACTAAATCCTCAAATTGATACTTTTGGATCCTTGAACCAAATTGAAAATCAAGAATCTCCTCGGTGGGCCCATCCTGAGATTGATAATGCCAATACAATGGCCTTTCTTGAATTTGGAACACTCATATCACAGGTAGTACCTTTGCCCCAAGCAGCTAGACTCTGGCCCCAAACTGAAGCTGCTAATAGCAAAATTTGGTTTGTATCCTCTGAAAGAATAAATTCCTGGGACCAATCAGAGTCTCAAAGAATGAGTACCTCAATCCATTTTGGAGTGGGTAGAGTGAAGCCCCTGGCCCAACATGAAACTGCTATAGTCATGTCATGGCTTCAGATTGAAACTGGTATATTCCACCCTTGGAACAAGTCTGAAGGAGGCACAGGGAGGTTCTGGCCCCTTTCTGAAACTGAGGATATAAGAGAATGGATCCAAACTGGAGCCAGTACAGTTAACTCTTGGACTCAACTGAGAACTAATATAGTCAGAGCTTGTCCCCAAGCTGAATCTGAATTAGTCAGACCCTGGACACAAGCTAAAACTAATGCAATCACACTATTGACCCAGACTGATGCTATCAAACCTTGGTTCCAAACTAAAATTAATTCACTAAGAGAAGGGACCCAAACTCAATCTCAAATTGTTACTACTTGGATCCAAACACAGTTGCAAATATTTCACCCCTGGATTCAGCCTAAAAGTGATTCAGTCAGATTTTGGACCCAGCCTTGGATCCAAGCTGAAACCCACACAGTCAGACTCTATTATGAAATTGATGTAAGAAAATCATGGGCTTCATCTGAATCTCAGTCAGTCACATTTTGGTCACTGAGTCAAAATTCAGTTAGGACCTCATTTCACTTTGAATCTCAGATGACATGTTCCTGGGTCCGAAATGAATTTGATATAATCAGTCCTTGGAATCAATATGAAACTAGTTCTGTTGGATCCTGGATCCAGTCTGAAACTGGTACATGTCAACCCTGGTTCCATATTGAATCTTCTACAATCACACCATGGACCCAATATGAAACTTTAGAGATCTCCCCTTCAACCCATCCTGAGACTGATACAGCAATAAGGCATTTGTTCCAGCCCCAAATTGATCCAATTAGTACTTGGAATCAGCCTGAGGTAGATACAATCAGATTCTGGACCCAAGTTGAAACAGAAACAATTCCAATTTGGATCCAGATTGGAAGTCAAGTAGTTAAACCTCCCAACTTTTCTGAAGTTGGTATAGTTACACCTTGGCTAAAGACTGAAACTGATGCAATTATTCCCTGGATTCAGTCTGACTTTCAGTCAATCCATCCTTCGACCCAGACTGGATTTGGTATAATTGACCCCTGGTTTCAGCCAAGAGCTTCTGTAAATCAACCCTGGACCTTTGTTCAAACACAGTCAATCAGACCTTGGATTAAAGTGGAATCCAATACAATCAAATCTTGGTTTCATGTTCCAATGAAAAAAGTCAGACTGGGGATTCCTTCTGAGTCTCAAATATTGAGTTTCTGGTTGCAGTCTGATGTTAGTAGAGTTAATGCTTGGATCCAACCAGAAACCCAGGCAGTCAATCCTGGGGCTCATCCTAAAACTGGTAATGTTGCATCCCTGACTATTCCTAAGCCTGAAAGAGTCAGAATGTGGATCCAGCCTGAAAGAGAAATGAGACCTGGCATCATTTATAAAACTAATATAACCACATCATTTGCTTCTGAAATTGAACCAGATGGAACAATTAGTCATTTTGATTCCTGGGCTAACCATGTAACATTTTTACCAATAGAAACTGTTCCTTCCCTAGATGAGCATTTTGCAGCTTTGTCAACTGAAATAGCTGCAGTAGAAAGCCAAGGTCAAATAAATCCTGTCCAACCCAGTGAAATCACAAATATTATCTTTCTTACAGTTTCAAGCACACAGCTTCCTGGAGGAGCTGGTTACCTGAACTTTGGCAACAAATTACAAATTACCAATTCAAAAGGAAGTCCTAATGTCCCATCTAGTTCTCTCAACCCACTTTTTCCATCTTTTTCCTTTATTGTTCCTTGTTTTTTCCCATTTTCATGTTCTTTGTCCCTTACTTGTTCAGTCTTTTCTTCTTGCACATTTTCTTCACCATGTACTTTTCCTTCTTGCTCAGTTCTTCCTATTGTGGGTCTCTCTCCTGTTCCTCCCTTAGCTGCTTCTGATAGTTCTCTCCAGAAACCATCTTCCTCGAAAGTTATTGAAGACACCATTCTTTCCCATACTTTTTCATCCTTTCATGCTGCTCCAGCCACTCTTTTAACAAAGCAACCATCTCTGATGCCTGGATTTCAATTGGAAACCAAGTCTAATCAGCCTGAACAAGATCTTCCTAAGTATTCTGAACTCAATATTTCCCTTGCTGAGTGTCGCCTGGGTGTGGTCTGGAAAGAAAGTCTCCAGGCTTTCTCGCTCTTCAAGACAGCTGTTATTTCTCATGAGATCACAGAGTGTGGATTACGCCCTGGCCTTGTTCCACACTGTCCCAACTGCTGGGAGGCTGAAGTGGGTGAATTCCCTTGGATGGTTTCTGTGCAACTCTCTTTCTCCCATTTTTGTGCTGGTTCTATACTGAATGAACAATGGATTCTCACTACAGCTAGGTGTGCAAATTTCATAAAAAACTCAGAAGCACTGGCCCATGTCCAGGTGGGGCTTATCGATCTTCAAGACCCTGCTCAAGCTCAAACTATAGGCATTCATCGTGCCATGCCCTACCTGGGCCCTAGAGGACCTCTGGGGCCTGGTCTAATCTTCTTGAAGCAACCATTACATTTTCAACCCCTGGTTCTTCCTATCTGCCTGGAGGAGAGCCTAGAGCAAGAGAAAAATATACAACTGTATGACTGCTGGCTACCCAGTTGGTCCCTCATGAGAGGAAGTCCTGGAATTTTGCAAAAAAGGCACCTGAGCATCCTGCAAGCCATCACATGTGCCCAGTTTTGGCCCAAACTGAATGAATTTACTTTCTGTGTGGCAGCCAAGAAAGCTATGGGGGAGGCTGGCTGTAAGGGTGACCTGGGGGCACCTCTTGTGTGTCATCTGCAACAAAAAGACACATGGGTGCAGGTGGGAATTTTGACTCACTTTGATGAACACTGCACAAAGCCCTACGTCTTCAGCCAAGTGAGCCCTTTCCTTTTCTGGCTCCAGGGAGTTACACGACCTAGCCAAGCACCCTGGTCCAAGCAAGGGCCCATGACCACCTCTGCTTCAGTCTCCCTTTCAGTCTCTACCTCTACGAATGCCTCAGCTTTTACTTCCACACCTGCTTCTGTCCGGCCACATTTCATCTCTCTGCCACAGCCTCAGACTTTGGCAGATCGAATTTCTCTGAGATATGCCATGCCTTGGCAGGCCATGATCATCAGTTGTGGCAGTCAAATTTGTAGTGGTTCCATTGTTAGCAGCTCTTGGGTACTCACTGCGGCCCACTGTGTCAGGAATATGAATCCTGAAGACACAGCTGTAATATTGGGTCTGAGGCACCCTGGGGCACCTCTGAGAGTTGTTAAGATCTCTACCATTCTTCTGCATGAGAGATTTCGATTGGTGAGTAGGGCAGCAAGAAACGATCTAGCATTGCTGCTCCTTCAAGAGGTCCAGACTCCCATTCAGATTTTAGCACCGCTAGGTCATCTGAAGAATCTGAACAGCTCAGAATGCTGGCTGTCTGGGCCACGAATTCTTAAGCCAGGAGAGACAGATGAAAATCCAGAAATATTACAGATGAAGGTGATAGGAGCTTCAAGCTGTGCCCACCTTTACCCTGATATAGGCAGTTCTATTGTGTGCTTCATTACACAAGACAAAGACGCTGACACAAATGTGGAACCAGTGAGTCCAGGCAGTGCTGTCATGTGCAGACCAATGTCTAGGAATGGAAGCTGGAGACAGATAGGCCTCACTAGTCTGAAGGCACTGGCTACCATTGTGAGCCCCCACTTCTCATGGATATTATCCACTTCATCAAAGGCAGGACATCCATTAAACCATGCACTCATGCCTTGGATGGAAAAGCCTAAGTCCTCTAGTCTTGTAAAACAGCCAACCACCCTGCCATTTTGTTCAACAATAATTGTTATACTACAAAGGCTTTCATAACTCATTGCAAAAATAAGGCAGGGCTAATCTATTCAAACTATTCATAATAAAAATGTTAAACAATGTTAAAAAAAATTAAGACCCTATGCAACCTAGGAATATATGTCATGAATAAAC

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ATGCATCCCGGTTTTAATCAAAAAGATGGAACAGAATCAGTCAAAGGGGATATAGGAGTTGTTCTCTTGAAGTACCCTATTATGAGGAAAGAAATTCCACTTTCTCACACTTATACCATCTTCTGGAGGAACTGCTATAACTGCCTGCACAGACTTTGCAGAGTATACCAATATGAGAGATTTTCCGTACAGTCACAGAGAAGATTAGAAACTTTCCCTCTGAACAGACAGCGACGTAATCCACCTTTAGTATTTTTTGGCCCAAAAAAGAGAGACTCTTTTCTTCACAGTATACAACTATATTTGCAAAGTAGACAACTCTCTTTGTCTAGAAAATTCCTAGTGGCACAAACTTGGATCTCTCCTATTGTCAAAAGGTGGGAACCTTCTTACATAGCAGATTCAGGGAATACCCAATTAACTGATGCTTTTGAATCTTTGGTTATATCTGGACCCCAGAGCACCAAAAGAGCTGATATTCTAATCCCTTGGAAACTAGATCATATAGATGCAATGAAATATCAACATGAAACTTTGACTGATTTAGTGATACTCTGGGATAAACTTTTAGATGATGTAACTGCAGTTCACACTCTGCCATTAGTATATACTCTCAAATCCTCAATTCCTTATTTAAGTGACATTGACGGATACCTAGTATCTACTGAGATTAATGCTGCCTACTCTCATGTTAAATCTAGTATGTTTCCTAATTATAGTAAATTTGTAGCTAGACCCTGGCTAGAAATTACCCAGGATTTGGGGCCTTGGACATATTCTGTGCCAGTTAAAACAGAAAGAATATTGTGGAGTCAATATACTGAAGAGAATACTAGAACTCAAATATACCATGTACCTGAAACAGTAAACACTGATGCTAATCCAGAAAAATATAACAGGCATTTATTAGTCTCCTCACTAGTTAATACAATTGAATTACAAACTCATCCCATACTTAATGAAGATGGATCCTGGTATCCTACAGTAACCCAGACCTTTGAACTACCATTTCAGTCAGTTTTGGATATATATGGATCCCAAGAATCTGTAGAAAAGGCAATTAGACACTGGATTAATCCTGCATCTATGTCAACTTCTTCTGGAGATGATCATATTAGGGATTTGACCCTGTATAAATCTAGCCAGATCAGATCCTCCAGTAAAATGGATAGAATTAGTCTACTGAGTAAGCATGATACTATAATATTAGAACACCAGATGCATACTGATGGTAAAACATGGCTCTCCATCCGTCCTCTTACTAATGCAATTAAGCCTTTAATTCACTCTAAAGTTGATGTGAACAGACCCTGGAATCACCCCAAATCAGAGAGAATCAATTCAGAAACCCAAATAGGAAAATCCTTGACTCAGTTAAATGCTGATATAATCACACTGTGGTTACAAACTAAAATTGAAAAAATAAGGCCTTGGATTCAGCCTTACTTTAAAATAAGCAGCTCTAAAACCCAGACTGAAGAAGGTGAAAACAAACATACAAAAGCAGGTACAATTAAATTATGGACCAAAACAAAAATTGAAAACGTCAAAAACCCCAGGAACCAACATGAGTCTGAAACAGCTAGATCACAAAATGATCATGTGAAACTGGGGATCCAACCAGACTTTAAAACTCTCCAATCCTGGACACATTCTGACATTGATATTGTTAGACCATCGATTCGATATGATGTTGAAAGTACTCAACTTGAAACATTCATTTTCAAGCCTTGGATACAATATAAGGTTAATGGAGTCATACCCAAGACAAAGCCTGGAGTTTTGTCAGAAGTTTTAGTCAGAGTTTGGCTCCAGTCACAAACAAATACAGTAAAGATATGGAGCCAATTCAAATCTCAAACTAATGATGTGAAATCTTGGGATCATATACAAATGAATACATTAAAAAACATGCTGGAGACAGTATTTCAAAGGGTTCACCATTTGACCCCAACTGAAGATGCTATATCTAGAACTTGGTCTCAAACAAAGAATGTTAATGTCAAACTTTGGTTCCAGACTCCAGTGGAGACAGTCTCACAGTGGACAGTAATTCAAACAGAATACAACTTGATACAGCCTGAAACTGAAGTAGTCAGTCCCTGGATCCAACCTGTGATGGATAAGTTAAACTGGATACAACATAAAGGTTATTCAGTTTGGTCGTCTAATAAACTTGTAAGGGAAAATATTGGACTCTGGTCCCAGTCTGAAGTTGAAGTATTAAGACCTTGGTTTCATACAGACATTAACATAGTACAGACATGGATGAAAAATAAATCCAGTATTTTAACAGGAGGGACCCAAACTGAATCTCCAGAGGAAAATTTCTGGAGACAGTCTGAAACTGATAAAACCATACAATGGACAGAGTATGAAACACTAATAGTAAATTATTGGAAAGATGTGTTGTCTGGTATAGTCACACCCTGGATTAATACAGAACTTGGGGAACTAAAGTCCCAGATACAGTCTAATTCTGAAAAAGTCCCAGTGTGGAAACATGCTGAATCTCCAATTCTAAAAGTCCTAACACTGTCTGAAACTGGTACATTCAAAACATGGCCTCAGTATGAAACCTTCAGAGAATGGGTAGTCAATAATCTTCCAGCACTACATCAGTGGACAAAGACTGTAGATGCTGAAGAACAACTATGGTCTGAAGATGAATTGCGAGCACTAAATACCTTGACAGGGTCTAAAACAGATAATGTTAAATCATGGAATAAGGGTAAGCTTCCAGCAATAATCTTACAGACACATCCTATGTCTCATAAAATTGTACCCTGGACTTGGGCTATAGACAAAATAGTAAAACCATGGCCAGAAACTATAGTTCCAACAGTCACAAAATTGCAAAGGGGTGATTCTCCATTCATAAATCTTTGGGAAAAAACTTTAACTGATAAAATTACTTTATCATTGCCTAAGGATGAATATCCAGCAGGGAATATTTGCTCATTACCTTTGTATATGTCACCATGGGCCCAGAATCAACCTATAAATATACGGGCAAAGCCTGTAGCTAAGATAATCACACCACAATGGCTTCTGGATAAATATCAAACAATGAATCTGTGGCCAGTGCCTTTGGCTCATTCACATATACCACCATGGCCCCAGCCTGTATCTACAATAGAAAATCTATGGCCAGTGACTTTGTCTGACACAATTATACTTCCATGGCGCCAGGCTAAATATTCACTGGTAATTAAAGGGACTCAACCTGTATCTGAAGTAATCCCACCTTTGTGGACCCAGGTTGAATCTCTACCAGAATACCTATGGATAAAATCAGTTTCTAATATACTTAGACCACTGTGGCCCCAGGATAAAATTTCAACAGGAAATTCATGGCCAGAAACTTCATTTGATACAATTACATCACCTTTGCCTCTGGATGAGTCTCCACCAGAAAAACTATGGACTCTCCTTGTATCTAATGCAGTCACACTCCAATTGCCACAGCTGGAGACATCAAGAATAAATCTGTGGACACTGCTGATTTCTGATATTTCCATACCAATTTGGCCCCAGATTAAACATAAACCAGAAAATATATGGACACTGTCTTCACCTGATAGAGTTATTACTCTGTGGCCCCAGGTTGAATATCCACCTGTTAATGAGTGGACACTTTTTATATCTGATGAAATATCACATTGGCTGCAGGATGAATCATCACCAGTGAATCTCTTTAAAACTTATGTGTCTGATAGAACTATACCACTTTGGTCCCAAGATAAATTGTCACCAGGATATCTATGGCCATGGACTTTTTCTAAAACAGTTACCACATCAGAGTTCCAGGATAAACTGCCAATAGTAAATCTATGGACACAGCTTGTGTCTGAAACAATTATACCACCACAGCTCCAGGTTGATTATACACCAGCAAATGTATGGATATTGCCTTTGTCTGACACAATTATGACTCCATGGTCTCAGGCAGAATATCTACCAGTTAATCAGTGGACATTTTTTATATCTGATGAAATTATATCACATTGGCTGCAGGATGAATCATCACCAGTGAATCTCTTTAAAACATATGTGTCTTATAGAACTACACTACTTTGGCCCCAGGATGAATCTCCACTAAGATATCTATGGCCATGGACTTTTTCTACAACAGTCACCACATCAGAATTTCAGGATGAATTGACAACAGTAAATCAATGGACACAGCTTGTATCTGATACAATTATATCACCATTGCCCCAGGTTAATTATATACCAGAAAATGTATGGACACTATCTTTACCTAATGCAACTAGGTCTACATGGTTCCAGGCTGAATATGCACCAAGTAATCAATGGACAAAATTTATATCTGATGAACTCAGACCTTATTGGCTGGAGGATGAATCATCACCAGTAAATCTCTTTAAAATGTCTGTGTCTGATACAGTTTCATCACTTTGGCCCCTGAATGAATCTCCACTAGGATATTGGCCATGGACTTTTACTAAAACAATCATAAAATCAAAGTTCCAAGATGATTCACCAACAATAAATCTATGGAAACAACTTGTATCAACAATTGTACCACCAACATCCCAGGTTCAATACCCACTAGCAACTGTATTGCCACTGCCTTTGCTTGACACAATTCTGCCTCCATGGCCTCGGTTTGAGTACCCAATAGTTAGTCTCTGGACACTGCAGGCATCAGATACAATCATGCCATCTTGGCCTAAGACTGAATTTTCACCAGGAACTGTATTGACATTGTCTTTGTCTAATACAATCACCCCACTTTGGTCCCAGGCTGAATTTCCAGCAGAAACCTCATGGCCAAACACTTTGTCTGAAATATTCACTGCATCTAAACCCCAGATTGAAAAATCTCAAGCAAATGAATTGACACTGCTGGTGTCTGATACGATCATACCATCATGGCCCCAGACTAAATCTCTGGCAGGAAATCTGTGGACACTGTCTATGGCTGATGAAATCACACCACATTGGCCTCAGACCGAATATCCACCATTCAATCTATGGGCAATGCTGCCATTTGATACAGTTACACATCCTGGGTTCCAAAATGAATCTTCATCATTAATTCTATGGACAATGCCTGTTTCTGATACAATAGCACAACATAGGTCCCAGGCTCAATCTTTGCACATAAATCTGAGGACATTGTCTTTATCTTATACAATGACAGCATCTTGGCCCCAGGCTGAATTCCCAGGAGGAATTTTATGGCCACAGACATTGTCTGATACAATGGAAATATCCAAGGCACAGGCTGAATCTCGAGCAAATTTGAGGACATTGCTGGTATCTGATACAATTATATTACCATGGCCCAAAGTATCTGGAGATTCACCAATAAATCTAAGGACATTACCTGTTTCTGATAAAACTACTTCACTTTGGCTTCATACTGAATATCCACAAGTTAGTCTAAGGACCCTGCTTGTCTTTAAAACAGTCACACCATTATGGCCCCAAACTGAATCTCCAGCTAGAAATTTATGGTCACAGATTTTGTCTAAAAAGGTCTCAGCAACTTGGATTGAAGCCAAATCTCCTCCAATAAATCCATCACCTGTGCCTGTATCCATAGCAATCATAACACCACGGCCCCAGGCTGAAATTTCAGCAGGAACTATATGGGCACAGCTTGTATCTGATACAGTGATATCATTATGGCCCCAGGCTGAATCAATGGTAGAATATGCATGGGAACAGCCTGTATCTGATATGCTCATCTCATTATGGACCCAGGCTGAATCTACAGTAGTATATCTCTGGCCAATGCCTTTGAATGATACAATCACACCACTGTGGTCCCAGGGTGAATCTCCAACACTAAAGCTATGGGTAAATCATGTATCTGATGCAGTCATACTGCCATGGTTCCAGGCTAAGTCTACAGCAGTAAATCTGCAGCCACAGCTTTTGTCTGATACCATACTACCTTGGTCACATAATGAATCTCCACTAGTAAATCTATGGACACAGGCTGTAACTGATACAATCATATCACCATGGATTGAGAATGAATCTTCAGTAAGCAATCTGTTAGAGTCTGAAACTGATACAGTCACACTTCAATGGCCCCATATTGAATCTTTACCAGTCAATGTACAGTCAGAAACAATGTATATTGCAACACCACTTTGGCTCCAGGGTGAATATCCAGCAGTACATCCATGGACACATTTTCTGTCTGATAGAATCATATCAGCCTGGCTCCGTGCTGAATCTTCAATCATCAGTCTATGGATATTGACTATATCTGCCACAGATACCCCAAAATGGATCCAGGGAAAAGTTCCAACAGGAAATTTTTGGCCAAAATCTTTTTCTGATAGAGCCACACCATTGTGGCTACAGACTGAAACTCCACTAGTAAATCTATGGCCAGGGCTGGTATCCCACATGATAACATTATCTTGGCCCCTAGCTGATTTTCTAGCAATACATACTTCAACACTCTCTATATCTGAAACAATTACACCTCCATGGTCACAGAATGAATCACCACTAGAAAATCTATGGACATTACCTATGTCCAATATACTTAAACCACCATGGCTCCAGGCTGAATATTCAACAGCAAGTCCAAAGTTACCTTTGACATCTGAACCAAATAGATCATCACGGATCCAGGCTGAAAATTCAGTATCAATTCCCCTGACAGAGTTTACTGCTGAAATATTCAGGCCATGGACTCAGTCTAAATTTTTAACTGTAGAACCTGGCTTTCAGACTTTTTCTGATGTACTCACACTTTGGTTCCAGGCTGAATCTCCATCAGTAAGACATTGGACACAGGCAATATCAGATGCATTTGCATTGTGGAACCAAGCTACTTCACCTGTAATATATCTCTGGACAAGGTATGAGATTGATACATTCAAAAAATGGAGTAATTCTCAATTCCCAAGAGTAAAGCTCCCAACACCTCCTGTATCTGATATATTAAGTAAAGCCAAAACTGAAGCATCAATTCCCTGGACAAAACTTGAAACAGACATTGTCTCTCATTTGACCCAGACTAATACTGAAGTCATAAATTCTAAGATACAAGATCTAGAAAATAGAGTGTTACGATTAAGTCATGTGTTTTCATTAAAACCGAGGACACAATTTGAATCAGATACAGTCAGAACATGGATCCAAGCTCAGTCTCCAACATTAATTCCTTGGACACAGACTGAAAAGGACACAATCACTTCATTAACTCAAGCCCTAAGACCAGCATTGAATGTCTTAACAGTATTTGTGACTGGTACAGATATGCTGTGGAACATCATAGAAGTTATAAGACTAAAGGACAGGGAAAAGTTGACAACAGAATTAGGTTTACAATGGACACAAAATAAGTCCACAGCAATGAATGCTTTTATACTGCCTATGTTAAATACAGTCACTCTTTTCACACAGGCTGTTAGCTCAGTAGAAAATCACTGGACACAGCTTGAAGCTCACAAAGTGACTCCACAGACTTATGTTAAATCTCTTAAAAAATATGCCTTGACAGAATCTGATTCTGAAACAGTGACATCATGGAACCCAGATGAATTTTCAGAAGTAAAGACTCTATCAGAGGCTGATACACTCACATTGTGGCAACAAACTGTATCTAAAACAGTAATTCTTTGGATAGACACTATAGCCAAAACAGGGAAATTGTGGACACACAGTCAATCTTCAGCATTAAATCCTTGGACACAGTTTGTCGCAAATAAAACTACAACGTGGATACAGACAGAACCTCCAGCTAGAAATCACTGGGTACCACCCATCTTTAATAATATCACACTAAGGACACAGGCCAAATCTCCATTAGTAAATACGTGGATCCAGGAAGAAACAATAGATCCTCTGATAGCGTTGGAATCTCCAACAGCAAGTGTCCATACAGAATTTGAAACTCTAGCCCCAACTCCTTGGTCAAAGTCCAGGAGTAGTAGAATCACACCATGGGTCTATACAGAAAATCACTTGACAACTAAAAGAGTCATATTGTGTACACGGTCTGAATCTACAAAATTTAATTCTTTTTTACAAAAGGGAAATAAAGTAATAGCATGCTCTCAAACTGAATTTTCTAGAATAAATCCTCAAAAGAGGGCTAAAGTACCTAAAGTTATACCTTGGACACAGGCTGAATCTCCATCAATAAGTCCCTGGACAGGGGCCACAAAGTCAAAAAGCATACCATGGACCCAGACTGAATATCTACAAGTAGATTCCTGGGAAGATGCCACAGTTTCAAAAGTTGTTCCATGGATCCAGACTGAATATTTTCCAACAAAACCCTGGATTGAAGCAATAGATTCAGAAGTTATAACCTGGTCTGAGGCTAAATTTCCAACAGTGGGTCCATGGATACAGCCTATGGGTTCTACTGTCATATTTTCGGCAAAGGGAATATATTCAATGGTAAACACATGGGCACAGACTTCATCCACCACATTAGGAACTCATTCTGAATCAGAAGCAGTAAATACTCATATACAACCTATATTTGAAACACTTATACCACTGAGCCAGGATGAATCTAGAATAGTAAATTCCCGGGTACAATCTTTAGCTGAAAAAGTTACAACATGGACCCAAATTGAAACTCTAGCAGTCAAGGCTTGGTCAGAGGCTACAGTTTCCAAAATCACAACTTGGAAAAAAAGAGAGTCTTTATCTGGTAAATCTTATACACAGATTGAAAATGACACAGGGATATTTTCAAGAATGCTAACACAGGGGGCCACAAAACCTCAGAGATCAACTGAAATTAATGCATTTAGGATTTTGATGCAATTTCAAACTGATGCTACTCAACACCTGAATAATGAATCACTTCTGGGGACACATCCTGAAATTGAAAAAGTCAAAACTTGGTACTTAGGGCCTGAGTTTGGAACTCTGTCATACTGGATAGTGCAACCTGAATCTTTTGTTAGCAAAGATGGTTTCAAAATTCAAACAGAAAGCATAAAACCATGGAAACAGTCAGACATTGAAATGCTCGGTAACTTTACCTCATTGAGATCTAATAATATAGAGTCCTTGGTCCAACCACAAAATATTATAGTTATATCACAGATCCAAAAGAAAACTAGCACAGTCAGTCCCTGGGCACAACCTAAAATGAATGCAAACAGAACATTAACCCAAGATGAATCTCCAGTAGTCAGGCTCTGGACTCAGACTGTGCCTAATATTGTCACACTGTTATCTGAGAGTGCAATGCAAACAGCAAAACATTTGGCCATGCTTGACATTAATAATGTCATAACTTTGTTCCAGACTCAAAATGACATAATAAAACGTCGGACCCAAATTGATTCTCAGATAGTTACTTCATGGGTTCAGCCAGAAATGCAAGTAGCTCACCCCTGGAATGAGCCTAAAATAGATATAGTCAGACCCTGGTCTCAGCTTGATGGTTATGCAGACCAACCATGGACCCACACTGAAGAAAATACAGTTGGACTCCAGACCTATTCTGAAACTGATAAAATACAATTTCAGACCCAGCCTGAATCTCAAGCAGTTAGGATCTGGCCAGAAGCAGATAAACCAACACTTTGGTCCTTGACTCGATATGATGCAATTAGACCTTTATCCCAAATAAAATTTCAAATATTACATTCAGGTGAAGTTGGTATAACTAAACTTTGGACTCAGAATGAAGTTGCTACTTTCAGCCCATGGACCTCGTCTGATACTCCAGAAATCCTTCCTTGGATCCAGCCTAATAGAGTAATTTCATATTTGTTTCAGTATCAGAAAGATTCATTCAGAACCCAGAACCAGGCTGAAAGTAAAGCAGTCCAAACTTGGACTGAGACAACCTTGATTAAAGTTGATACAACAAAACCTTGGATTCAAAGTAATACAACTAAACCCTGGATTCAAACTGATTCCTCCAAAATGAGTTCCTGGATTCAGACTGATGTTGGTATAGTCAGGTCTTGGACTCAGAAAAGAGCTGCTTCACATGATGCAGGGACCTACCCTGAAATCCAGGCATTCACACCCTGGGACAAACTGCAAGATGATACAGTCAGATCTTTGTTTAACATTCAAATGAATAAAGAAAGATCATTGACCTATTTAGAATCTCAAATATTAACTCAACCTGAAGTTGGTACAAAACATTCCTGGTTTCGGCCTAAAACGGAAGCAGTCAAGAGCTGGACACAATCTGAAACTTTCATAGTCAAATACCGGTCCCAATTTGTATATGAAATAGTCAAACCATTGTCTTCACTTGGAAGAAGAACTCTCAAATCTTGGATCCAATCTGAAACCCAACCAGATATATCATCCTTTTCCATTACTAACACTGATAAAGTCAGTACCTGGGTCCAGTCTGAAACAAAAATTCTAATACCTGGCACATATTATAAAGCTGATGTAATTGATTCATTCACTGTTTCTGATGTTGAGTCAGGTGAAGAGACCCTATTAAAGAGTCATTTTGGCATTTGGCCTAAAATTGTACCATTTTTACCAGTAGAAACAATTCCTTCCCTAGATAAGGGAGAAAATATATCTTTGTCAACTATAGCTACTATAGAAAACCAAGATAAAAACAATTCTCTACAACCCAGCCATACCACAAACACTGTCCTTCTTACCCTTTTAAGTGGTTGGATTCTTGGAAGATTTGGCTACCAGAGTGGTGGCAGCAATGTACAAATTACTCAGGCAATTGGAAACAATACACAGATTACCCAGGCAAGCGGAAACAATACACAGAATACCAAGGCAAGTGGAAACAATACACAGAATACCCAGGCAAGTGGAAATAATACACAGAATACCCAGGCAAGTGGAAGCAATACACAGATTACCCAGGCAAACGGTGACCTGGGGGCACCCCTGGTGTGTCATCTACAACAAAAGAACACATGGGTGCAGGTAGGAATCTTGAGTCGTTTTGATGAACGTTGCACAAAGCCCTATGTCTTCAGTCAAGTGAGCCCATTCATTTTCTGGCTCCAAGGAGTTACAAGACCCAGCTTTGCACCCTGGTCCCAGCAAGGACCCATGACTACTTCTGCTTCCATTGCCATTTCAATCTCCACCACTAGGAATGGTTCAGCCTTAACTTCCACTACTGCTTCTGTTCAGCCAAACTTTGTCTCTCTGCCACAGCCTCAGACTTTGGCAGACCGAATTTCTCTGAGATATACTATGCCTTGGCAAGCAATAATCATAAACTGTGGCAATCAAATTTGCAGTGGCTCCATTATTAGCAATTCTTGGGTTCTCACTGCTGCGCATTGTGTCAGGAACATGAATCCTGAAGATACTGTGGTGATACTGGGCCTTAGGTATCCTGGGGCACCTCTGAGAGTTTTGAAAGTGTCTAACATTCTACTGCATGAGAGGTTCCGGTTGGTGAGTGGGATAGCAAGAAATGATATAGCATTGCTGCTCCTTCAAGGAACTCCAACTTCCATTCAGACCTTAGCACCCTTGGGCCATGTAAAAAATTTGAACAGTACAGAATGTTGGCTTTCGGGGCCACGAATTCTTAAACCAGGAGAGACAGATGAGCATCCAGAAATATTACAGATGCACATGATGCAAGCTTCAAATTGCGTCTCCCTCTACCGTGACTTAGGTAGTTCTATTGTATGCTTCTATACTCGATCCAAAAATGCTGAAACAAATGCGGATCCAGTGAGTCCAGGAAGTGCTGTTATGTGCAGACCAATATCTGGTGGTAAATGGAAACAAATAGGCTTGACCAGTCTCAAATCTCTAGCTACCATCGTGAGCCCACATTTGTCCTGGATCTTAACCACTTCAGCAAAATCAGGACATCCCTTAAATCAGGAAATTATACCTTTAGTGGAATTGCCCAAATCTTCTTGTCCCCTAAAACAGACAAATATATTGTTACCTTTTTTGATAATGATTATTGTACTCCAGAGGTTTTTGGAGTTCAGAGATTAG

>Tree Shrew, Tupaia belangeri chinensis (BK059442)

TGATAGAGTTAATACTGGTGTTAAACCAGAAAACTATAACCTACATCCATGGGACTCTTTAAGTGTTAGTAAAATTGAAATAGAAACTCANNNTAACCACGATGGATCCCAAAACTTTATAGAAACTCATACTTTAAAACCATGGTTTTATCCAGTATTTAATATTTTTGATTCTCAAGAACCTATAGAAAATACAGATGAACACTGGATTCTCCCAGAATCTAAGTCAACTCAATTTTGGACTTCCTCTACATTTCGTATGTCTTTACTTTGGTCTCAATCTGTAAGTAACACTATTAGATCTTGGACCCAAGACAAAGTCAATAAAATCAAACCCTCACAACAAATAAATAAAATTACTTTCTTGAGTAAACATGAGGCTATTATACTAAAACCACAGGTCCAGACTGAAGCTACATGGCTGTTGATCTATTCTATTACTAATGTAAATAAGCCATATATCCACTCTAAAGTTGATATCATGAGGACCTGGATTCAATCTGAAACAGTCATAATCCAAACCTGGACCCATCCAGAAAGCCAAACAGGAAAACCCTTGTCTCAACTCAAAGCTGAGAAAGTCATTCCATGGTTACAAGCTGTATCTAAAAGAATTATACCCTGGATCCATCCTAAATTTCAAATAATCAGACCCAGAATCCAAACTGAAGAAGGTAAAGACAAAATTTTGACCTATCCAAAAGTAGGAATGATTAGATTTCGGACTCAGTCTGAAGTTGGTAGCATCCAACCATGGATAAAACTTGAAACATTTACCTTTAGATCCTCAATAGAATCTAAAGTTTATAAAGACATACACTGGACAAAACCTGAAGCTGACACCATCAGATTTTGGTTCCATACACTAACTAATATAATAATAACCTGGAGCCAACCTGAATCTCAGATGATCCTTTTCTTGTCTGAGACTAAACCTGCTAAACTTAGATCTTGGTTCCATAGACAAATAACTACATTCAAACCTTGGATAGAGACAGAATTTCAAATAACCCACCTAAAGACCCTATTTAAAGGTGATATTACCAGATCAATAATTCAGAGTGAGACTGACACTGTCAAATTTACTCAAATGGAGACAGTTACACAATGGACAGAGCAGTTAACTCAAACAGTTTACTATTGGATACACTCTATAACTGAAACAGACAGACCCTGGAACCTGTATGTGGCTGATGAATTAAGTGCTTGGAGTAAACATAACGCTTATACAATTAGGCCCTGGAATAAACATGAAAGTGATAAAGTGATATTCTGGACTCAGCTTGAAACTAGTACATTAAGATCCTGGATTCAGGCAGATGTTCGTGTAATCAACCCTTGGGTCCAACATGAAGCTAGCACATTAACAGAATGGACTCAGCATCATCTAGATTTAAATCCCTGGATACAATATGAAACTGCTCCAGTTACACTGTGGATGCAGGTGGAAACTGCAGAAGAAAATCCCTGGATACAATCCAGAACTGGCACAGTTACACTATGGACTCATGCAGAAACTACAATAGTAAATAATTGGACAGAAATGTTAACTAATACAGTCACAACACGGACAAGGACTAAATTTCAAGAACTAAATCCCTGGATACAGTCTATTAGCTCTTGGAACCAAGATAAAGTCAATATGAAAGAAATTGAGATGGCCACACTGTGGGCTCAGGCTGATTCTCTAGCAGTGAATCTACAGACACAATTTGTATCTGATACAGTCATACTGATACAGGCAGAATCTGCAGTACTAAATCCCTTCACAGTGTCTAAAATTGATACAGTCATGCTCTGGACCCAGGCTGAACTGCCAACAACAAAATCCTTGAAAAAATTTGTCAGTAATACTGTAAGATCATGGTTGCATTCTCAGTCTCCAGCAATAAACACCTGTGTTCTAACTATATTTGATCCATTCTTATGGTGGACCCAGTCTGATTCTCCAGCAGTATACCCCTATTTTCAGTCTGAAATGGATATAGCCACACTATGGACCCAGTTTAAATCTCTAGAAGCAATTCCTTATGAACAGTTTAAAACTGATACAGTTATACCAGGGACACTCATTAAAATGCCAGCAGTAAATTTATGGACACATCCTATGTCTAATACTGTCACAGTCTGTGCCCAGGCTAAATCTTTATTGAATCCTTGGACACAGTCTGGAACTGATATAATCATAACATGGCCCCAGGCTGAAATTACAGATGTGAGTTCCCACAGGTGCTCACCTGTAGCTGATACAATCATACAATGGACTCAGAATGAACATCCAGCAGTATATCCCAGGACTGAAGCAATGGCTAATGCATTTACATCACAGGCCCAGACTGATGTTTTATCAGGAAATCCTCAGGCACAATCTGATACAGTCACAGAGTGGGCCATGGCTGATTCTCCAGAAATAAATCTATGGACTCAATATGTATCTAATGCAGTCACTTTGTCATTCCTGACTGGATCATTAGTAGTACATCAGACAAAGCCTATGTCTGATAAAATCACACTGTGGCCCCAGATTGGATATCCAATAGTAAATCAACTGACACAGTATGTATCCAACACAATCATCTGGTGGCCACAGGCTAGTTTGTTAGCAGGAAATCTACAGACACACACTGTATCTGATGCGCTTTGGCCCAAAACTGGATCTCCTATAGCAAATCTATGGACACAGCATGTATTTAACACAGTAACATTGTGGCCTAAAACTGAAACTCCAGAAGTAAATCTGTGGACAAAATCTGTATCTGATACAGTCACATCTTGGCCTCACTCTAGATCTCTAATAGTAAATGTATCGACACAGAATAAATTCAACACAATCACACTATGGTCCCAGGATGAATATTCAGCAGTCAGCCTATGGAAAGAGCATGAATCCAGGACAATCACCTCTTGGTCTCAGTATGGCTCTCCAGAAATTAACCTAGAGACTCAGCTTGTATTCAGCATAATTACATTGTGGCCCAAGGATGAATCTCTAACTATAAATCGATGGACACAGAATATACTCAACACAATAACTCAAGGATCTCAGACTGGATCTCCCTTAGTAAATCTATGGACACAGCATGTATCTAACACAGTCAAGCAATGGCTTCAGGATGATTCTCCAAAAGTAAATCTATGGGCACAGCTTGTATCTGATACAGTTAAACTATGGTCTCATGATGGATCATCAAGAATAAATCTATGGATACAGCTTATGTCTTATGTAGTCACATCAACACCAAGGTCCCAGAGTGAATCTCCTACGGTAATTCCATGGATACAGCCTGTGTCTGATAAAATCACATCACAGTGGCCCCAGGCTGAATCAATAGCAATAATTTCTTGGAGAGAGCCCATCATCAATATATTCACATTGTGGTCTCAATATGAATTTCTAAAAGTAAAGCCTTGGATTAAGTCTGTACCTGATACACTCATACCATGGACTCATATTCTGTCTCCATCAACGAAGCACTGGACACAGGCTATATCCTCCATAGTCACACTATGGAACCAAACTGAGTCACCTCTAGTAAATCTCTGGACAGACTATAAAACATTCAGACAGTGGACCAAGGCTGAATCCTCCAAAACAAATCACTGGATTCAACTACTACCTGATACAGTAATATCATACCAAACTGAATTTCTGGCCATTTCATGGACAAAGCTTGAAACAGATGCTACACAGTGGACCCAGGCTAATTCTGAAATCATCAGTGCCTGGACACAGACTATAGTTGATAAAGTGACACCTTTGGTCCAGGGTATTTTTTTAGTGGTAAATCCCTGGACACAGTTTGAAACCAGTGGAGTTCCAATGTGGATAAAAGCTGTGTCTCCAATAGTAATTCCCTGGACAAAATATGAAAATGGCCCAGTCATATCATGGACCCAATCTCTATTGCCAGCAATAAGTACCTTAACAGGGGATTTGCCTGGTAGAGGTAAACTGTGGAACATGTTTGAAATTCTGTCGTTAAAGTCCTGGACACAGTCTTCAACAAAAATAATTATACAGTGGACTAAAAATGAGTCTCCTGAAGTAAATCTATTAACACAACCTGTAACAGATATAGTCATTCTTTTCACTCATGCTGTTAATTCTGCAGTAAAGCACCGGACACAGCCTGACACTAACATGATCATAACATGGACCCAGGCTAAATCTCTAGAAGTAAATGCATGGACCAAAATTATTTCTAAAACAGTCACACCATGGACTCAGATTGAATTTTCAGAAGTAAAGATTTGGCTACAGCCTGGAACTATTATAGATAGACTGTCACACCAGGATGTATATCCAACAGTAATCCCCAAAACAGAGGCTATAGCTAAGATAATCACACCATGGACAGAAATGGAATCTCCAGTACCAATTTCCTGGACACAGTCTGTAGCTGATACAGTCAAAACATGGACAAAGATAGAATTTCCAAGAGTAAATCCTCAGATGCAGTCTTTACCTAATACAGTTAGACTAACGATTCAGACTAAATCTCCAATAGTAAATACTTGGATTCAGGCCAAATTTGCAAATGTAAGCCCCAGCATACAGACCGAATTTTCAATATCAAATACCCAGATACAGCCTGTAGCTTATACAATCATACCATGTGCACAGACTGCATGTCCATTATTATCTTCTTTCCTGAAAACAGAAAATTATATAAACACTGAATGGACTCAGGAAGAATCTCCATCAGTAATTCCCTGGATGCAGATTGTAGCTACAAAAATCATACCCTGGACCCAGGCTGTGTCCCCACAAGTAAATCCTTGGACACAACCTATAACTTCCATAGTTACACAGGAAATTCAAGCTGAATATCTGGCATTACATCTCCAGCCTGTTGTTCATAAAATAAAATACTGGAGACATGTATCACCATGTCCAGTCACACCACAGTCCCCTTCTGAATCTCTATCAGAAATTACCTGGATAGAGCTAGTTTCTGATATACTCACTTCATTGACCAAGGATGAATCTTTAGTAGTAAAAGCCCAGATATTGGATGTATCTAAAACAGCAACGGCATGGACCCAGGCTCAATCTCCAACAGACATTGATTGGACATGGGCATTCACCCCATGGAGCCACATTTTATCTGTAGAAGTAATCCCTTGGGAAAAGGCCATGGCTTCCACAGTCACACAATGGACCCAGTCTGTATCTCCAGTAGTCATTCCCTGGACACAGGTTGTATCTTATATAATCACTCCATGGAAACAGACTCTATCTCCAGCAATAGTAACCAAGACACAGGCTTTGGCTTCCACTATGCCTTCAAGCTCTATCTCCAGCCATCATTTCTTGGTCATATGGACTCGGGCTCTACCTCCAGCAGTAATTCCTTGGGCACATTCTGTGGCTTCCAAATTCACACCATGGACCAATATTCAAGTTTTAGCAGCAATTCTCTGGACACAAGCTATGTCTGATACTGTAATTCGACAGATCCACTCCCTATCTCTATCTGTAAACCTCTGGACAGAAACCTTATATGATACAGTCACTCCATTGACACATGCTCTATCTCTCATTACAATTTCCTGGACACATGCTGTATCTTACACAGTCACACCATGGACCCAAGCTCTATTTCCAGCAGTTATTCCCTGGACATATGCTGTGACATCTACACTAATGACTCAAACTCCATCTATACCAGTAAATACTAGGACAAAGATTTTGACTTCTAAAATCATACCTTGGACACAGACATTATCTCAAGCAGTAAATCCTAGAAAACAGGCTAAAGCATCCACCATCAAACCATGGACCCAAGCTCTATCTTCAGTTATAAATTCCAAGACACAGAGTATAGCTTCCACATTTACAATATGGATGCAGGCTCCTACTTCTTCAATAATTCCCTGGACATATGCGGTAGTTTCCACAGTTCCATCATTGATCCAGGCTAAATCTACAGAAATCAGTCTCTGGACCCAGAATGTAGCTACTATAGTTACTACATGGGCTCTAACTCCAGCCATGACTCCCTGGGCAAATGCTGTTGTTTCCTTAGTCCCACCATGGACCCAGGCTCCAAATCTTTGGACAGTATCTATATCTGATACAGTTATATCATGGACCCAGGCTGTATCTCCTGGAGTAATTATGTCTTTAGAGCTTATATCTGATATAATTACACTGTGGATGCAATCTGAATCCCCTTCAATAATTCCCTGGACCCAGTCTGTATCTGACACACTCGCTTCATGGATACCTGATTATTCTTCAGCAGTAATGTTCTGGACAGACATGGCAGCCTCCACAATCACTCTGTGGACCCAAGATATCTCTCCAACAGTATATTTGGAGCCATATACAATAGCTTCCACAGTGTTTCCTTGGACTCAATTTCTACCTTCAACAATAAAGACTGAGGGACAATCTGTGATTGAATCAGTCACACAGTGGTCCCAGGCTGAGTTTTCAGGAGTCAACCCCTGGACAGAGGCTATAACTTCCTCAGTCACATTGTGGGCAAATACAGAGTCTCTAACAGTAATTTCTGAGACTGCAGATTCCTCAGTTACACCTTGGAAACAGACTTACTCTCCAGGTGTAAATTCCTATACACAGAGTGAAATTAATATAGAAACATTTTTAACAGAGCTGCTTAAAACTGAAATTAAGAAATTCTGGCCATTGCCTGAATCTTTGATATTAAGGGTTTCACTGCAGTTTCAAAGTGATAGTAACCAACTCTTGATTAAAACTAAAAATCAAGTATATCATCTGGGAACACATTCTGAAATTAAAAATGTTAATACATGGATTTTTCCTGAATCTGGAACCCTCATATCCTATAAAGGACCTATGTCTCAAGTAATTAGACCCTGGCCTCAGTCTGGAGCTCAAATGAACAGAATTTTGTTAACAACTCAGTCAATCATTCCCAGAACCCATACTGAAGTTTGGACCTGGACTCAACGAAGAATCATTACAAATCTACTCCTGGCCCATTCTGACACCCAGACAATGAGATCTTGGATCACACTGAAAACTGATATAGATATGTCTTGGTTTCACATTCAGCTGAATGAAAGCAGACCAATATCTGAATCTCAAATATTGAATCCCTGGATCCAGCCTGAAGTTAACATAGTCCATGCCTTGATCCAGCCTAAAACCCAAGTAGTCACACTGCAGGCTGATTCTGAAAATTTTATCATCAATTTTCTGACTCAGATTGTGTCTCGGGTAGCTGAATCATGGACTTTGCTTGAGGAAAGAGCATTGGAACCTTGGATGATACCTGCAACCCAGACTAAGGATGATAACTCATCATTTATTATTCCTGAACTTGAAAACGTTAGAACCCAGATCCAGCCTAAAACAGAAATAGCAATATCTAGAACCCATTATAAAGCTAATGTAATTGTATCATTTGTTCCTCCTGATGCCAAATCAGATGGGAAAACTCTATTGAGTCATTTTGACTCCTTGTCTAAACCTTTGTCCTTTTTACAAATAGAAACTATTGCTTCCCCAGATCAGTATTTTATAACTTTGTCAACTGATATAACTGCCATAGAAAACCAAGATAAAATAAATTTCCTACAACCTAGCCAGCACACAAACATTCTTTTTACCCTTTTAAGCACTTGGATTCCTGAAAGTGTTAGTTACCAGAATTTTGCCAGCAAATTACAAAGTATCAAAACAAAAGGACGTCATTTTGTCCCCTCTGCATTTCTCAGTTCTCTTGCTCCAGACTTTTCTCTTCTTATTTCTTATTCTGTCCCTTTCCTATGTACAGTGTTCTCTTCCTGTTCAGACTTTTCTTCTTACATATTTCCTTCATCCTGTATTTTCCCAACTTGCTCCTTCTTTTCACCTGTGGACTTCTCATATTTTCTTCTACCCTTACCCTTTTCTGATAGTTCTTTTCAGGGAATATCTTCCTCTAAATTAATTGATGAGGCCATTCTTTCTCATACTTTTACATCCCTGCATGATGCTCCAGCCATATTTTTAACAAAACATCCTGATATGCTAGGATCTCAATCTGGATCCACATCTATACATCAGCCTGAACAAGAAATTCACAATAACTCAGAACTCAATATTTCCTTGGCTGAGTGTCACCTGGGTATGGCATGGAAAGAGAATCTTCAGGCTTTTTGGCTTTTCAAGACAGCTGTTATTTCTCATGAAACCACAGAATGTGGATTACGCCCTGGCCTTGTCCCCCACTGTCCCAACTGTTGGGAGGCAGAAGTAGGTGAATTTCCCTGGATGGTTTCTATACAACTCTCTTTCTCCCATTTCTGTGCTGGCTCTATATTGAATGTACAATGGATCCTTACAACAGCTAGAGGTGCCAATTTCATAAAAAACTCAGAAGCTCTGGCTCTGGTTCAAGTGGGCATTACAGATCTTCAGGACCCTGTCCAAGCTCAGACTGTAAGCATTCACCATGCTATGCCCTACTTAGGTCCCAAAGGACCTCTGGGGCCTGGACTGATATTCCTGAAGCAGCCTCTACGTTTTCAACCACTGGTACTTCCTATCTGCCTGGAAGAAAGTCTAGGGCAAGAGAGAAATATACAACTATATGACTGTTGGCTACCTAGCTGGTCCCTCATGAGAGGAAGTCCTGGAATTCTGCAGAAAAGGCATCTAAGCATCCTACAAGTCAGTGCTTGTGCCCAGTTTTGGCCCAAGCTGAATGAATTTACTTTCTGTGTGGAAGCCAAGAAGGCTATGGGGGAGGCTGGCTGTAAGGGTGACCTGGGGGCACCTTTAGTGTGCCATTTACAGCAAAAGGACATATGGGTACAGGTGGGAATTTTGAGTCACTTTGATGAACACTGCATAAAGCCTTATGTCTTCAGCCAAGTGAGCCCTTTCATTTTCTGGCTCCAGGGAGTTACAAGGCCCAGCCATGCACCCTGGTCCCAGCAAGGGTCTATGACTACTTCTGCTTCCATCTCCCTTTCAGTCTCTGCATCTACAAATACCTCGGCTTTTACATCCATTCCCACTTCTATTCAGCCACATTTCATTTCTCTGCCACAACCTCAGACTTTGGCAGATAGGATTTCTCTACGATATGCTATGCCTTGGCAGGTCTTGATTATCAATTGTGGCAGTCAAATCTGCAGCGGTTCAATGATTAGCAGTTCATGGGTTCTCACTGCTGCCCACTGTGTCAGAAACATGAATCCTGAAGATACTGCTGTAGTACTGGGCCTGAAGCACCCTGGGGCATCTCTGAGAATTGTTAAGGTATCTACTATTCTACTTCATGAGAGATTCCGATTGGTGAATGGGATAGCAAGAAATGACTTAGCATTGCTTCTGCTTCAAGAAGTCCAGACTCCCATTCAGCTTTTAGCACCCTTGGGCCACATAAGAAATCTGAATAGCTCAGAATGCTGGCTTTCTGGACCACGGATTCTTATATCAGGAGAGACAGATGAAAATCCAGAAATGTTAAAGATACAGATGATGGATACTTCAAGCTGTGCCCATCTCTTTCCTGACATAGGCAGTTCTACAGTTTGTTTCATAACTCAGGTTAAAGGCTCTGACACAAATGTGGAGCCAGTGAGTCCAGGAAGTGCTGTTATGTGCAGGCTGATATCTGGCAATGGCAGTTGGAGACAGATAGGGTTCACTAGTCTAAAGACTTTAGCTACCATCGTGGGTCCACATTTTTCCTGGATTTTATCTACTTCAGTGAAAGCAGGCTATCCTCTAAACCAGGCTCTCACGCCTTGGGTAGAAAAACCCAAATTCTCTAGTCTCCATAAACAGTCAAACACACTGCCATTTTCATCAGTGATGATTATTGCAGCCCAGAGTCTATTGTAAACTACAGACTACAGTGAGTAGTGCTAATCTATTCACATTATCACATCATGATCAAAGTGA

>Wallaby, Macropus eugenii (BK059512)

TGGGTGTGGGATGCGGCCGGGCTTTGCAGCTCGGTGCCCCAACTGCTGGGAGGCAGAGGAAGGTGAGTTCCCCTGGGTGGTGTCACTGCAGTTCTCTCTGTCCCACTTCTGTTCGGGCTCCATCCTGAATGAGTGGTGGGTCCTAACCACCGCCAGCTGTGCCAACATCATACGAAATTCAGAAAGCCTGGCCCGCGTGCAGGCGGGCGTCAACAACCTTGAAGACCAGGTTCGGGCCCAACTTGTGGGTATCCACCGGGCCCTGCCATACTTTGGGATAGAAGGGCCCATGGGCTTGGGTCTCATCCTCCTCCAGGAGCCCTTGCACTTCCAGCCCAGGGTCCTGGCTGTGTGCCTAGAGGAGTCCCCGGAAAAGCCATTAGCAGAGTCTCAACTCCATCTCTATGACTGCTGGATCCCTGGCTGGACCTTGATCAAAGGGAACCTGGTCACAATGCAGAAGCAGCGACTGGATGTGGTTGAGGTTAGCAACTGTGCCCATTATTGGCCCATCAAGAACTTGAAGGCTTTCTGTGTGCAAGCCAAGAAGGTGATAGGCCAGAGCAGCTGCAAGGCCCTGGTGAATCGAATTTCACTGCGCTTTGCCATGCCATGGCAAGCTCTCATCGTGACCTGTGACAACACCATTTGCAGTGGGTCCATCCTCAGCCCTTCCTGGGTCCTCACCTCAGCCCACTGTATCCGGGACAT

>Walrus, Odobenus rosmarus

ATGGCTGAAACCTGCCAGGGCGTTATTCTGAGTCAGTGGTGGATCCTCTCCACAGCCAGCTGTCTGAATAAACTGAAACATTTGGACTCTGACATTTCAGCAGTCATTGACCAAGAAGATATCTTACTTGGCCATAAAATATGCCTGCACCCCAGTTTTGATCCACAAGTTGGAATGGATACAGTCAGAGGAGACATAGGAGTCGTCCTCCTACAGTACCCTATCAGGGTGGGGGGAATACCCCTTTATCACACTTATAACATCTTCCGGAAGAGCTGTTATAACTGCCAGTACAGACACTGCAGGGTATACCAATATCAGATTAATAAAAATGAATTCTGGACTCTTTCCACGCTAAATGCAGATGGATCTCAGTATCCTACAGTAACTCTTACGTTGGAACCCTGGTTTCAGTCAGTCTTAAATTTAGTTGGATCCCAAGAACTTACAGAAAAGACTAATGAATCCTGGATTATCCCTGAATCTACATCAGCTCAACTGTGGACTTCTTCAGCACTTAATATGCCTTTTACTTGGAATGAGTCTCCATTATTATATTCCTTGAAAAAGGCTGAAACTCATACATTGACAGCATGGACTCTGACAGAATCTTTAGCAGGAAATTCCTGGAGACAGTATGAAACTGATAGTGCCTCAATGTGGACCAAAAAAGGAAATCTAGAAGTAAATCCCTGGGCACAATCTGAAACTGATACAGTCACAACTTGGACCCAGGCAGAAACTCCAGGTGTAAATTTGTGGCCACAACCTGTAGCTGAAATAGTTCCATCATGGACCATAGCTGAATCTCCAGCAGTAAATACCTGGACAGAGATTGAGACTGTATTTGATGGTGTTATACCATGGACCCAGGTTGAATCTCCAGCAGTAAATCCTTGGACACAATCTATAGCTGATGTAGACACACTGTGGACCCTGACTGATTCTATAGCACTAAATTCTTGGACAGAGCCTATATCTGATAATGTTATACAGTGGACCCAGAGTGAACGTCCAGCCATAAATCAGTGGACACAAACTGTGTTAGATACAGTCACATCATTTATTGAGGATGAATTTCATGCAGTAGAGACCTGGACAGACCCTTTGACTCATGCCACACTGTGGACCCAGACTGAAACTCCAGGAGTAAATCCCTGGTCAGAGACTGTAGCTTTCACTGTCACACCATGGACCCAGACAAAATCACCAGTAATAAATCCACTGATAGAGGCTATAGCTGCCACACTATTACCATGGAATCAGGCTGAATCTGCGGCAGTAAATCCATGGATAGATGCTGTAGGTTTCACAGTAACACTATTGACTCAGGATCAGTCTCCATCAGTGAAAACCTGGACAGAGGTTGTGGCTTTCACAACTGCACCACTGACTCAGGCTGAATCCCTAGTAATAAAGTCTGTGTCACAGGGAGTATCTGATACAATCTTACTGTGGAACCAAGCTGAATCACCTCTAGTCTATCCCTGGACACAGTCTGAAACTGATGCAATCACACAGTGGACTCAGGGTGAATCTCTAAAAGTAAATCCTTGGACACAACCTTTGGCTGAAACAATCACACCATGGACCCCTTTTGAGTCCCCAGTAGTAAATCCCTGGACAGATGCTGCAAATTCTGAAATCCTAAATCCCTCGACACAGGCTATAGTTGATATAGTCACACTCTGGACCCAGGCTAAATCTCCTGCAGTGAATCCCTGGACACAGTTTGAAATTGACACAGTCACACCTTGGACCCAGGCTGAACTTGCTACAGTAAATCCCTGGACCCAGCCCAAAACTAATCTCGTGACACTGCAGACACATGGTAGATATCCAGCATTAAATCCCTGGGCACAGCCAGGACCTGACCCATTTACATCATGGTCTCAGGTTGAGCCTCCAGCAGTGAATCCATGGACACAATCTGAAACTGACACAATCACAACATGGACCCAGGCTGAATCTCCTGTAGTAAATCTCTGGGCACAACCTGAAAATGTTACAGTCACACCTTGGATCCAGGATGAATCTCTTGCAGTAAATACCTGGACACAGACTGAAAATAACACAGTCACACCATGGACTCAGAATGAATCACCAGAAGAAAATACCTGGACAGAGGCTGTTTCTGAAACAGCCATACCATGGACCATGGGGTTTTTTCCAACCATGAAGCCCTGGTTAGAGACTAAATTTGATAAAGTCACACCAGGCACCAAATCTCAATTTTCAGAAGTAAAACTTTGGACACAGCCATTCCCCAAAACATTGGACACTGAAACTGGTACAGTCAAAAGGTGGACTCAGTCTGAATCTCCACCCTTAATTCCCAGGATAGAAGCTATAGCTTCCATAGTCCCATTATCGACCCAGGCTGAATCTCTAGCTGTAAATCAGTGGACACAACCTGTAGCTTATAGAGTCACAGAATGGACACCGACTAAATCTCCATCAGTAAATACTTGGACTCAGGTTCAATTTCCGGCAGTAAATCAGACTGGACACAGTCTGAATNNTGTGCCCCACTGTCCCAACTGCTGGGAGGCAGAAGTGGGTGAATTTCCTTGGATGGTTTCCGTGCAACTCTCTTTCTCCCATTTCTGTGCTGGCTCTGTACTGAATGAACAGTGGATCCTTACCACAGCTAGATGTGCAAATTTCATNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNTACTGCAAGTCAGCACATGTGCCCAGTTTTGGCCCAAGCTGAATGAATTCACTTTCTGTGTGGAAGCCAAGCAAGCTCTTGGCGAGGCTGGCTGTAAGGGTGACTTAGGGGCATCTCTGGTATGCCATCTACAACAAAAGGACACATGGGTGCAGGTGGGAATTTTGAGTCACTTCGATGAACATTGCACAAAGCCCTACGTCTTCAGCCAAGTCAGCCCTTTCCTTTTTTGGCTTCAGGGAGTCACACGGCCCAGCCATGCACCAGGGTCCCAGCAAGGGGCCATGACTATCTCTGCTTCCATCTCCCTTTCAGTCTCTACCTCTACAAACAACTCAGCTTTTACTGACACTCCTGCTTCTGTTCGGCCACAGTTCATCTCTCTGCNNNNNNNNNNNNCTTTAGCAGATCGAATTTCTCTAGGATATGCCATGCCTTGTCAAGCCAGGATGATCAGCTCTGGCTGCCAATTTTGCAGTGGTTCCCTTGTTAGCAGCTCTTGGGTTCTCACCTCTGCCCACTGTGTCAGGAACATGAATTCTGAAGACACTGCTGTAATACTAGGCCTGAAGCACCCTGGAGCACCTCTGAGAGTTGTTAAGGTGTCTAACATTCTATTGCATGAGAGATTTCGGTTGGTGAGTGGGGCAGCAAGAAATGATCTAGCACTGCTGCTCCTTCAAGAGGTCCAGACTCCCATTCAGCTCCTAGCACCATTGGGACATCTGAAGAACCTCAATAGCTCAGAAGGATGGCTTTCTGGGCCAAGAGTTCCCAAAGCAGGAGAAACAGATGAGAATCCAGAAATGTTACAGATGCAAGTAATGGGAGCTTCAGGCTGTGCCCACCTCTACCCTGACATTGGCAGTTCTATTATCTGCTTCATTACTCAGGAGAAAGGCTCTGATGTGAATGTGGAACCTGTGACTCCTGGCAGTGCTGTTATGTGCAGACCAGTGTCTGGAAATGGCAGCTGGAGACAGATAGGCTTTACCAGTCTAAAGGCACTTGCTACCATTGTCAGCCCACACAATTCCTGGATATTTTCCACATCAGCAAAAACAGGTCATCCCCTAAACCAGGCACTCATGCCTTGGGTTGAAAAGCCAAAGTCATCTAGTCTTCATAAACAGGCAACACTACCACTTTCATCATTAATGATTCTTGTAATGCGAGTCTATTGTAAACCAGTGGTTATAATGACCAGTACCAATCTGGTCACACTGTGATAAAAAAAAAAAGAGATCAGAACTTCCAATTAAAACAAAACAGTTGAATTAAGATGCT

>Wombat, Vombatus ursinis

CCAAGATCGACACCCCGCCTCCCCACCACACATACATTGCCCGTGCACACACACGTGCACGTACACCTGCACACATGCAGACAGACTTTCCATCTGCCTGCAGATGGAATTCAGAAAGCCTGGCCCGGGTCCAGGCAGGGGTCATCAACCTAGAAGACCAGGTTCGGGCCCAGCTTGTGGGCATCTGCCGGGCCCTGCCCCACCCTTTGATAGGTGTGCACATGGGCCTGGGCCTAGTCCTCCTCCAGGAACCCCTGCGCTTCCAGCCCAGAGCCCTGGCTGTGTGCCTCGAGGAGTCCCCAGAGAAGCCTCAGCTGCATCTCTTTGACTGCTGGGTCCCTGGCTGGACCTTGATCAAGGGAAACCTGGTCACAATGCAGAAGCGGCAACTGAATATGGTTGAGGTCAGCAACTGTGCCCAGTATTGGCCCATCAAGAACTCGCTGGCCTTCTGTGTGGAGGCCAAGAAAGTGATGGGCCAGAGCAGCTGCAAGGGAGACCTGGGATCCCCACTGATGTGCCGCCCAAAGCTGCACCTGGAGGAGACCCCCTGGGTACAGATGGGCATCCTCACCGCTTTCAATGAGGACTGCGTTCGGCCTTACGTCTTCAGTCGCATCGGCCCCTTCAGCCTTTGGCTCAAGGCCTCCACGAGGCCCCAGCACCCCCCCTGGGCCAGGCCTGTCCACAGGCCCACCCTCTCTTCCCTGCCCAAGCCTGAAGCCCTGGTAAATCGGATTTCGCTCCGCTTTGCAATGCCCTGGCAAGCTCTGATTGTGACCTGTGACAGGACCATGTGCAGCAGCTCCATCCTCAGCCCTTCCTGGGTCCTCACCTCAGCCCACTGCGTCCGGGACGTGAGATCAGAGAACATGGCAGTACTCCTGGGGCTGCCACAGCCTGGGGGCAACATGACAGCTGCACGGGTGTCCAGTGTTGTCCTGCATGAGCAGTACCAGGTGGTGAATGGGGTCCCTTGGAATGATTTGGCTCTCATCCTCCTGCAGAAGCCCCTAGGCCCTACCCAGCCCCTGGCCCCTGTGGGCCATGTGGAGGACATGCACAAAGCTGAGTGCTGGCTCATGGGGGCCCGTGAACTCCGAGAGGGTGAGAGGGACCAGTACCCACAAGTCCTCCAAGTTCAGGTGAAAGATGCTTTGAGCTGTGCGCACCTCTTCCCTGGCATCAAGAGCTCGGTGCTCT

>Human, Homo sapiens (model)

﻿AACTCCTGGATACAAAATGAAGCTATTATGTAAACACCATGGATGCAGGGAGAGTCTCAAGAATTAAATCCCTGGACACAATCTGAAACTCACACAGTCCCACTGTGTGAAACTCCAACAGTAAACTATTGGACAAATATGTCAGCAGATATAGTCACAACATGGACAAAGGCTGAATTTCAAGGATTAACATGCTGGAGACAGTCTGAAACTGATCCGGTCATACTGTGGACTATTGCTGAATCTCCAGCAGTGGATCTCTGGACACGTTTTGTATCTGATAAAGTCACACGTTGGAATCAAGGTGAATTTCCAGCCTTAATTCCCTTGACAGAGCCTATAGCTAAGACAGTCACACCATGGACCCAGGATAGATTCCCAGCAATGAATCCCTGGGCAAAAGCTATAGCTGAAACTGTCATACAATTGACCCTTGATGAAATGCCAACAATAAATCCTTGGACAAAATTGCAGCCTGAATATCTAGAAGGAAACAACTGGCTCCCATCTGAATTTAATTCAGTCTCATTGTGGACCACAGCTTATTTTCCAGCAGTCCCTGGGCACATGGTATATTACTATCACAGACCCATGCTGAACATCCACCAGTATCTTGTAGTCAACATGGATTCCAGGTAAATCTCCAGCAATTAATCCCTGAAGAAAGGCTATCACTGATATGGTCCTACCATGGAATGAGGGTGAATTTATAGAAGGAAATGCCTGGACACAGTCTGAAACTTACATAGTCACACAGGGAATCCTGAATGACTCTCCGACACTAATTTCATGGACACAGACAATAGCTGATGGAGACAGGCTGTGGACCAAGCCTGAATTTCCAGCCATAAATCCCTGGACAAACTAGTGGGTTTAGTACTATACCATGGATTCAGACTGAGTCTCCAACAGTAAATTCGTGCACAGATGCTGTAAATTCCAAAGTCACAACATGGGCCTAGGCTGTATCTCCAGTAGTAATTCCATGGACACAGCCTATATCTTCCATAGTCATACCTTGGACCCGGGTTGAATGTCCATCGGTAAATACCTGGACAACATCCATAGCTGATACCATCACACTATGGAAAGAGGCTGAATTAACAACAGAATATCCATAAATACTGCCCTGGGCTGCTACTGTCACACTATGGGCACATTCTCAATCTCCAGCAGGAAATCTTTGGACAAAGCCTACGAATGACACAGACACACCATGGCCTCAGGCTGAATCTCCAGCAGTAGTTTGTTGGACAGAACCTATAGGTGATACTACACAACCCTTAATCCAATATGAAAATCAAGCACTATTTTGTGGACACATCATGAAATTGAAAACATCAATGAATGGGCCTTGCCTGAATTTGGAACCCTTATATCCTTGGTAGTGCCTCTGCACTATCAAGCAGCAAAACTATGCTCCCAACCTGAAGCTCTAACTAGCAGAAGTTTGTTTAAAACGGCAACAGAAAAAAAATTAAACCTTGGGCTCAGCCAGAATTTCAAACACTGAGCACATTTACTCCCTTTGGACCTGGTAAAATAGAATCCTGGCTAAACACAGAACTACAACATTTATAACATGGATCCAATCTGAAACTGATGTCTTCTTCCTGTGTACCCAGTCTGAAGTAGGTACAATGAGATCCCAGAACATTTCTGAAGCTGATACAGTAAAACTATGGATCCAGACTGAAGCAGGCACCATCCAGCCCTGGACTAGAGCTAAAACTAATACTATCAGACCTTTGACTCATGGTGAATTTCAAGCAGTCAGACTCTGGACCCTGGCCTTGTCTGATACACTGTTACATGTATGAGTCTGGTACACTATTGAATCAGGCTTGACCATGTCTGACATTAATACTCTGAGTAATTGGTTTCAGACCCAAAAGCATGTAAGAAGAAATGGTACTCAACCTTATTCTCAAACAGTTACTACCTGGATGAAGCCAGAGAGAATGGTAAATAACCCACCCATGGAACCAATCTGAAAAGAATGCAGTTAGACCCTGGACACAGTCTGAATGTGATGTTATTCAACCGTGGACCTATGCTGAAATCAATACAGTCAGACACTGGACACATTCTGAATTTGATAAAATAGAACAATGGACTGAGCCTGAATCTCAAGAAATTAGGACCTGGCCTGAGGCGGAATGTTGACATGTTGGTCCCCAACTCAAAACTATGCAGTTTGGCCCTGGACCCAACTTGAATCTCAAATGGCACACTCCTGGACCCAGAATCAAGTTAGCATAATTACTCCTGGACTCAGCATGTACCTGCTACTATCAGATCATGGACTTATACTCTGAAATTCATCCCTGGACCCACCCTGAAGCCAATCCAGTGATAAGATACTGGTTCCAGACTCAAATGAATTCAATAAGATCCTGGAACCAATCTGAAACTGAAGTATTCCAAATTTGGACTGTAAGCCAAGGAATAAAGCCCTGAAACATGACTGAAATTGATACAGTCACATCTCACTTACAGACTCAATGTGATACAGTTAGACCCTGGATTCATCCTGAAAGTCTCTCCCTGGTCCAAACTGAAGTTGGTATATTTTGGCCCTGGACTCAGCAAAGAGCTGCTACATACCGAACCAATGCTGAGAACCAAGCAGTGAGACCCTGGATCAAGCAAGAAACTGATATAGTCAGATCTTCATTTAATATTCAAATGAATAAAGGCAGATCATGGGCTTATTTAAAATCTCATTCCCTGGATCCAGCCTGAAGTTGATATAATTCACGCTTTAATCCGCCAAAGCAGACATGCACTGGATCCAGTCTGAAGCTGATATTATTGAATGCTTTGCTGTTTTTAAAGCTGGTAAAGTGAGAACCTGGATCCAACCTGAAACAGAAATGCTAAGACCCAGAACCCATTATAAGGCTGATATAATTGTATCATTTTCTCCTCCTGAAATTGAGCTGAATGAAGAAACACTATTAACGAGTCACTTTGGCTCCTTGTCTAAACGTGTACCCTTTTTGGCAGTAAAAACTGTTTCTTTCCCAGATCACTATTTTATCACTTTGTTAACTGAGATACCTGTCACAGAAAGCCAAGATAAATCATTTCTCTCCAACCAAGCGAGCTTATAAGCATTTGCTTCCTAGAAGATTTGTTTACCAGCACTACGGCAGGAAATTAAAAATTATCAAGATAAAAGAAAGCCCTGATGTCCTAGGTACCTCTCTTATCTCTCTTTGTTCCTCCTTTTTCTTTTTTCTGTCTTGTTCTCTTCCATCTCCACATACACTGTGTTCTTCTTGTTCAATCTTTTCTTCTTGTGCATTCCCTTCATTTTGCATTTTCCCATCTTTCTCAGTTATTTTTCCTCTGGTCTCTTCTCCTGTTCTCCTATCCATAGCCTCTTCTGCTAATCCTCTTCAGAAAATATCTTTCTTAACATTTACTGAATAGTGCATTCTTTCCCATTCTTTCTCATCCTTGCATGCTGCTCCAGCCACACTTTTAACTTCTCCTGATGCCTGGATCTCAATCTGGACCCAAGCCTAGACAACAACCTCTTAGGCATTTAGAACTCAATGTTTCCCTGGTTGAGTGTCAACTAGCTGTGATATGGAAAGAAAGTTTCCAGACTTTCTGGCTCTTCAAGACAGCTGTTATTTCTCATGAAAACACAGAGTGTGGATTATGCCCTGGCCATGTAACCCTCTGTCCCAGCTGCTGGGAGGCAGGAATTGGTGAATTCCCTTGACAGTTTCTCTACAACTGTCTTTCTCCCATTTCTGTGCTGGCTCCATACTAAATGAACAGTGTATCCTTACCACAGCTAGATGTGCCTATTTTATAAAAAGCTCAGGAGCCCTGGCCCTAGTCCAGTGGGGCTTAGTCATCTTCTGGAATCTGCCCAAGCTGACTGTGAGCATTGACCATGCCATACCCTACCTAGCTCCCAAGGGACCTCTAGGACCTGGGTTGATCTTCCTGAAGCAGCCACTACATTTTCAACCCCTGGTGTTTCCTCTATGCTTGGAGGAAAGTCTGGAACAGGAGAAATTTACACAACTATATGACTATTGGCTATCTAGCTGGTCCCTTATGAGAGGAAGTTCTGGAATTCTGCAAAAAGGGCACCTGAGCAACCAACAAGTCAGCCCTTGTGCCCAATTGTGCCCCAAGCTGAATGAATTCACTTTTTGTGTAGAGGCCAAGACAGCTGTTGGGGAGGCTGGCTCGTGACTTGGGAGCACCTTTCGTATGCCATCTACAGCAAAAGGACACTTGGGTGCAAGTGGGAATCTTGAGTCACTTTGAGGAGCATTGCACAAAGCCCTGTGTCTTCAGCCAAGTGCACCCTTTTCTTTCTGGCTCCTGGGAGTGCCATGGCCTAGCCATGCACCCTGGCACCACCAGGGGCCCATGACTACCTCTGCTTCCATGTCCCTTTCAGTCTCTGCTTCTAAAGATGCCTTGACTTTTATCTCCGCTCCCACTTCCATTTGGCCACACTTCATCTCTCTGCCACAGCCTCAGACTTCAGCAGATCAGATTTCTCTGCAATATGCCATGCCTTGGCAGGCTGGGATCATCAGCTGTGGCAGTCAGGTCTACAGCGGGTCCATAGTTAGCAGCTCATGGGTTCTCATAGCTGCCCACTGTGTCAGGAACATGAGTCCTGAAGACACTGCTGTGATACTGGGCCTGAGGCATCCTGGGGCACAACTGAGAGTTGTGAAGGTGTCTACCATTCTGCTGCATGAGAGATTCTGGTTGGTGAGTGGAGCAGCAAGAAATATCCTGGCATTGCTACTCCTCCAAGATGTCCAGACTCCCATTCGGCTCTCAGCACTCCGGCTGTCTGAAGAATCTGAATAGTCCAGAAGGCTGGCTCTCTGGGGCACAAATTATTACACCAGGAGAGACTGATGAGAATGCAGAAATGTTAAAGCACAAGTGATGGAAGCTTCCAGCTGTGCCCACCTGTAACCTGACATAGACAGTTCCATTGTTTGCTTCATTACTCAGGTCAAAGACATTAATGCAAATGTGGAGTCAGTGAGTCCAGAAAATGTCATTATGCGCAGACCAATATCTGGCAATGGCACTAGGGGACAAATATGCTTTACCAGTCTCAAAGCCCTAGCTACTACAGTGAGTCCACACTTCTCCTGTATCTTATCTGCTTCAGCAAAAGAAGGCCACCACTAAATCAGGCCGTTGTGGCTTGGGTGGAAACTCCTAAGTCCTCTACTCTCCTTAAAGAGCCAACCACACTGCCACTTTCCTCAATAATAATTACTGCAGCTCTGAGACTTTGGTAGCCTAGTGACTATAACTATTGATGCTACAGTCTGGTCACAGTATGATAAAACACCAAAACAACAAAAACAAAAATATTGACTTAAGCCTTCTAAGA

>Chimpanzee, Pan troglodytes (model)

﻿AATTCCTGGGTACAAAATGAAGCTACTATATTAACACCATGCATTCAGGGAAAGTCTTGAGAATTAAATCCCTGACATAATCTGAAACTTCCACAGTGCCACTGTGGACCCAGACTGAAACTCCAACAGTAAACTCTTGGACAAATATGTTATCAGATACAGTCACAGTATGGACAAAGGCTGAATTTCAAGGATTAACATCCACCCATCTATTGAGGAAAACTGATCCAATCATACTGTGGACTATTGCCAAATCTCCAGCAGTGAATCTCTGGACACATTCTGTATGTGATGAAGTCAAATTTTGGAACCAAGAAGAACTTCCAGCCTTATTGCCTTTGACAGAGCCTATAGCTAAGACAGTCCCACAATGGATCCAGGATAGATTTCCAGTAATGAACCCCTGGGCAAAAACTATAGCTGAAACTGTCATACCATTGACCCTTGATGAAATGACACCAGTAAGTCCTTGGACAAAATTACAGCCTGAATATCTAGAAGGAAATACTTGGCTCCCATCTGAATTTAATCCAGTCTCATTGTGGACCATGGCTTATCTGCCAGCATAATTCCCTGGGAACAAGATATATTCCAACCATGGACCCACGCTGAACACCCACCAGTATCTTGGACTCAATCATTGATTCCGGGTAAAACAGCAGCAATGAATCCCTGGAGAGATGTTACAGCTGATATGGTCCTACCATGGAATCAGGCTGAATTTATAGTAGGAAATGCCTGGACATAGTCTGAAACTTATACAGTCACACAGGGGATCCTGAATGGTTCTCCAGCATGATATTCTTGGACACAACAAATAGCTGATGTAGACAAGCTGTGGACCAAGCCTGAATTTCCCACAATAAATCCCTGGACAAAGTCTGTAGGTGATAGTACGATACAATAGATTCAGGATGATCTCCAATGGTAAATCTGTGCACAGAGGCTGCAACTTCCAAAGTCACACCATGGGCCCAGGCTGTATCTCCAGCAGTAATTCCATGGACACAGCCTATACCTTCCATAATCGTACCTTGGACCCAGGTTGAATGTCCATCAGTAAATACCTGGACAATGTCCATAGCCAATACCATCACACTATGGAACCAGGCTGAATTAATAGCGGGATATCCATGGATACTGCCATGGGCTGCTACTATCACACTATGCACAGTCTGAATCTGCAGCAGGAAATCTTTGGACACAGCCTATATATGACACAGACACTCCATGGCGTAAGGCTGAATCTTCAGCAGTAGTGTACTGGACAGAATCTGTAGCTGATACACACACACCATGAACTCAATAAAAATCAAGAGTCTATTTTATGGACACATCATGAAATTGAATGTATCAGTGAATGGACTTTGCCTGAATTTGGAACACTTATATCCTGGATAGTGCCTGGGCCTCCAGCAGCAAAACCATGGTCCCAACCTGAAGCTCTAGTTATAGAACTTTGTTTAAAACTGGAACAGAAAAAATAAAACCTTGGGTTCACCAGAATTTCAAACACTGAGCACATTTACTCCCTTTGGACCTGGTAAAATAGAATCCTGGGCCAAACAGAGAACTACAACTTTAATAACATGGATCCAATCCAAAAGGGATGCCTTCTTCCCATATACACAATCTGAAGTAGGTACAATAAGATCCACAACAATTTCTGAAGCCGTTATAGTAAAATATGGATCCAGACTGAAGCAGGCACAATCCACCCTTGGACTCAAGCTAGAACTAATACAATCAGACCTTTGACTCATGCTGAATTTCAAGCAGTCAGACTCTGGACCCTGTCCTTGTCTGGTACGCTACTGTATCAGACTGAAATACAGGCAGCAAAATGCTTGACCATGCCTGATATTAATATTCTGAGTGCTTGGCTTCAGACCCAAAATTATGTAAGAAGAAATGGTACTCAACCTTACTCTCAAACAGTTACTACCTGGATGCAGCCATAATCCACCCATGGAACCAATCTGAAAAGAATGCAGTCAGACCCTGGACCCAGTCTGAAGGTGATGTTATCCAACCTTGGACCTATGCTGAAACCAATACTGTCAGACTCTGGACCCATTCTGAAACTGATAAAATAAAACAATGGACTGAGCCTGAATCTCAAGCAAGTAGGACCTGGCCTGAGACAGCTATGTTGATATGTTTGTCCCCAAAACGATGCAGTTTGACCCTGGACCCAACTTGAATCTCAAGCGTCACACTCCTGGACCCACAATCAAATTAGCATAAATTACTCTTGGATTTAGCATGCACCTGCTGCAATCAGACCATGGACTTACTCTGGAATTCATCCCTGGACCCACCATGAAACCAATAGAGTGATAAGATACTGGTTCCAGACTCAAATAAATTCAATGAGATACTGGAACCAACCTGAAACTGAAGTATTCCAAATTTGGACTGTAAGCCAAGGAATAAAACCCTGTAACATGACTGAAATTGATACAGTCACATCTTGCTGACAGCCTCAATGTGATACAGTTAAATCCTGAATTCATCCTGAAAGTCAGCCACTTTCTCCCTGGCCCCAGACTGAAGTTGGTATATTTTGTCCCTGGACTCAGCAAAGAGCTGCTACATATCAAACATGGACCCACCCTGAAACCCAAGCAGTGAGACCCTGGAACAAGCAGGAAACTGATATAGTCAGATCTTTGTTTTACATTCAGGTGCATAAAGGCAGCTCATAGGCTTATTCAAAATCTCAAATACTCAGTTCCTCGGTCCAGCCTGACATTGATATAATTCACAATTTTATTCACAGACACAGACTGGATCCAGTCTGAAGCTGATATTATTGAATCCTTTGTGGATTTTAAAGGTGGCAAAGTGAGAACCTGGATCTAGCCTGAAACAAAAATACTAAGACCCAGAACCCATTATAAGGCTAATATAATTGCATCATTTTCTCCTCCTGAAATTGAGCTGAATGGAGAAACACTATTAATGAGTCATTTTGTCTCCTTGTCTAAACGTGTAACCTTTTTGCCAGTAAAAACAGTTTCTTTCCCAGATCAGTATTTAATAGCTTTGTTAACTGAGATAACTGCCACAGAAAGCCAGGATAAAATCAATTCTCTCCAACCAAGCCAGCTTACAAGCATTTGGCTTCCTGGAAGAGTTGTTTACCAGCACTATGGAAGGAAATTAAAAATTATCAAGATAAAAGAAAGCCCTGAAGTCCCAGCTACCTCTCTTGTCTCTCTTTCTTCCTCCTTTTTCTTTCTTCTTTCTTGTTCTTTTCCATCTCCATGTACACTGTGTTCTTCTTAAGTCTTTTCTTCTTGTACATTCCCTTCATTCTGCGTTTTCCCATCTTGCTCAGTTTTTTCTCCTCTGGTCTTCTCTCCTATTCTTCTTTCCATAGCCTTTTCTGCTAATCCTCTTCAGAAAATATCTTCCTCAACATTTACTGAAGAGTCTATTCTTTCTCAATCTTTTTCATCCTTGCATGCTGCTCCAGCCACACTTTTAATAAAACACCCTCTCCTGATGCCTGGATCTCAATCTGGACCCAAGCCTGTACAACAACCTCTTAGGCATTCAGAACGCAATGTTTCCCTGGATGAGTGTCAACTAGCTGTGATCTGGAAAGAGAATTTACAGGCTTACTGGCTCTTCAAGACAGGTGTTATTTCTCGTTTATTCCTTCTGCAGAGTGTGGGTTACGCCCTGGCCATGTCCCCCTCTTTCCCAACTGCTGGGAGGCAAAAATTGGTGAATTTCCTTGGATAGTTTCCTGCAACTGTCTTTCTCTCATTTCTGTGCTGGCTCCATACTAAATGAACAGTGGATCCTTACCACAGCTAGATATGGCAATTTTATAAAAAGCTCAGGAGCGCTGGCCCTGGTCCAAATGGGGTGTAGTCATCTTCTGGATTCTGCCTAAGCTTAGACAGTCAGGATTGACAGTGCCATACCCTACCTAGGTCTCAAGGGACCCCTGGGTTGATCTTCCCAAGGCAGACACAACATTTTCAACCCCCTGGTCCTTCCTGTATGCCCAGAGGAAAGTCTGGAATGGAGTAAATTTATACAACTATGTGACTATTAGCTACCTAGTTGGTCCCTTATGAGGGAAAGTCCTGGAATTCAGCAAAAAAAGCACCCAAGCATTCTACAAATCAGCACTTGTGTCCAATTTTGCCCCAAGTTGAATGAATTCACTTTTTGTATGGTGGCCAAGAAAGCTATGTGGGAGGCTGGCTCTAAGGGTGACCTGAGAGCACCTTTGGTGTGCCAGCAACAGCAAAAGGACACTTGGGTGCAAGTGGGAATCTTGTTACTTTGAGGAGCATTGCACAAAGCCCTGTGTCTTCAGCCAAGTGCACCCTTTCCTTTTCTGGCTCCAGGGAGTGACATGGCCTAGCCATGCACCCTGGCACCATCAAGGACACATGACTACCTCTGCTTCCATGTCTCTTTCAGTCTCTACCTCTACAAATGCCTTGGCTTTTACCTCCACTGCTAGTGCTTTCCGGCCACACTTCATCTTTCTGCCACAGCCTCAGACTTTGGCAGATCGGATTGCTCTGCAATATGCTATGCCTTGGCAAGCTGTGATCATCAGCCATGGAAGTGATTTCTGCTGTGGTTCCATAGTTAGCCACTGTTGGATTCTCACAGCTGCCCACTGTGTCAGGAACATGAATCCTGAAAACACTGCTGTGATTCTGGGTCTGAGGCACACTGGCACACCACTGAGAATTGTGAAGGTGTCTATCATGCTATTTCATGAGAGATTCCGGTTGTTGAGTGGGGTAGAAAGAAATGATCAGGCTTTGCTACTCCTCCAAGATGTCTAGACTCCCTTTCGGCTCTTAGCACAGTTGGGCTATCTGAAAAACCTGAATAATTCAGAATGCTGGCTGTCTGGGCCACAAATTATTATACCAGGAGAGACCGATGAGAATCCAGAAATGTTAAAGATGCAAGTGATGGAAGCTTCCAGCTGTGCCCACCTGTACCCTGGCATAGGCAGTTCCATTGTTTGCTTCATTACTCAGACCAAAGACTCTAATGCAAATGAGTCAGTGAGTTCAGGAAGTGTCATTATGTGCAGACCAATATCTGGCAATGGCAGTTGGAGACAAATAGGCTTCACCAGTCTCAAAGCCCTAGCTACTACAATAAGTCAACACTTCTCCTGGATCTTATCTACTTCAGCAAAGGAAGGCTACCCACTAAACCAGGCCCATGTGCTTTGGGTGAAAACTCCTAAGTCCTCTAGCCTCCTTAAACAGCCAAGCACGCTGACACTTTCTTCAATAACAATTGCTGCAGCCCTGAGACTTTGGTAGCCTAGTGACTATAACTAGTGATGCTACAGTCTGGTCACAGTGTGATAAAACACCAGAGCAACAACAACAAAATGTTGACTTAAGCCTTCTAA

>Rhesus, Macaca mulatta (model)

﻿AACCCCTGGGTACAAAATGAAACTACTATATTAACAGCATGGATGCAGGGAGAGTCTCAGTAATTAAATTCCTGGACACAATCTGAGACTCACACAGTCCCACTGTGGAGCCAGACTGAAACTCCAACAGTAAACTATTGGACCAAGATGTTAGCAGATATAGTCACCACCTCGACAAAGTCTGAATTTCAAGGATTAACATCCTGGAGACAGTCTGAAACTGATCCAGTCATGCTGTGGACTATTGCCAAATTTCCAGCAGTGAATCTCTGGACACATTCTGTATCTGATAAAGTCACACCCATGGACTATGGCTTATTTGCCAGCAGTAAATTACTGGATATAGTTTGATACTAAAACAGTAACACTGTGAACCCAGGTAGAGTCCCCAGCAATACCTTCCTGGAAACAGTTGGAAACTGATATAATTATACTAGGGACCTATGCTGAATCACTCGTGATGAATTCATGGATATATTCTCCTACATCGGATACGGTCACAATGTGTATCCAGGCTGAATCACTATTATTACATCCTTGTACACACTCTAGGAGTAAGTCACTGAGCACATGATATATTCCTACCATGGACCCACACTGAACATCCACCAGTATCTTGGACTCAACCATGGATTCCAGGTGAAACTCCAGCAATGAATCATTGGAGAGAGGCTACAGCTGATACGGTCCTACCAAGGAATCAGGCTGAATTTATAGAAGGAAATGCCTGGACACAGTATGAAACTTATGCAATCACACAGGGGATCCTGAATGATTCTCCAGCACAAGATTCATAGACACAGAAAATAGCTGATGCAGACAAGCTGTGGACCAAGCCTGAATTTCTAGCAATACATCCTTGGACAAAGTCTGTAGTTGATAGTACTATACAATGGATTCAGGATGAAGTCTCCAACAGTAAATCCATGCACAGAGGCTGTTAATTCCATAGTCACACCATGGGCCCAGGCTGTATCTCCAGCAGTAATTCCATGGACACAGTCTATACCTTCCATAATCATACCTTGGACCCAGGTTGAACGTCCATCAGTAAATACTTGGACAATGTCCACAGCCGATACCATCACACTATGGAAAGGGGCTGAAAAAACTGCAGGATATCCATGGATACTGCCTTAGGCTGCTACTATCACACTATGGGCACGGTCTGAATCTCCAGCAGGAAATCTTTGGACACAGCCTGTGTATGACACAGATACACCATGGCCTCATGCTGAATCTCCAGCAGTAGTTTACTGAACAGAACCTGTAGCTGATATACACAACCTTTGATCTGACATGAAAATCAAGCATCTAATTTATGGACACATCATGAAATTGAAAATATCAATGAATGGACCTTGCCTGAATTTGGAACACTTATATCCTGGATAGTTCCTATGCCTCGAGCAGCAAAACTATGGTCCCAACCTGAAACTCTAGTTGGCAGAACTTCGTTTAAAACTGGAACAGAAAAAGTAAAACCTTGGACTCAGCCAGAATTTCAAACACTGAGCACATTTACTCACTTTGGACCTGGTAAAATAGAATCCTGGGCCAAACATAGAACTACAACATTTATATCATGGATCAAATCCAAAACTGATGCCTTCTTCCCATGTAACCAATCTGATGAAGGTGCAATGATATCTCAGACCATTTCTGAAGCTGATACAGTAAAACTATGGATCTGGACTGAAGCAGGCAAAATCCACCGCTAGACTCAAGCTAAAACTATTACAATCAGTCCTTTGACTCATACTGAATTTCAAGCAGTCAGAACCCGGGCCCTGTCCTTATCTGATACACTATTGTATCAGGCTGAAATGCAGGCAGCAAAATGTCTGACCATGCATGACATTAATACTCTGAGTGCTTGGTTTCAGACCCAAAACTATATAAGAAGAAATACTACTCTACCTTATCGTCAGTTACTACCTGGATGCAGCCAGAATGCCAAAAAATCCAGCCATGGAACCAATCTGAAAAGAATGAAGTCAGACCCTGGACCCAATCTCAAAGTGATGTTATCCAACCTTGGATCTATGCTGAAACCAATACAGTCAGACACTGGACCCATTCTGAAACTGATAAAGTAAAACAATGGACTAAGCCTGAATCTCCAGTAATTAGGACCTGGCCTGAGGCCAGGTTGACACATTCATACCCAAAATGATGCAGTTTGGTCCTGGACCCAACTTGAATCTCAAATGATACATTCCTGGACCCAGAATCAAGTTAGCATAAATTACTCTTGTATTCAGCATGGACCTGCTACAATCAGACCATGGACTTACTCTGAAATTCGTCCCCGGAACTACCCTGAAATAAAACCCTGAAATGTGACTGAAATTGATACAGTTATATCTTGCTTACAGACTCAATGTTATATAGTTAGACCCAGGATTCATCCTGAAAGTCAGTCGCTCTTATCCCTGGCCCCAGACTGAAGTTGGTATATTTTTGCCCTGGACTCAGCAAAGAGCTGCTACATATCCAACCTGGACCCACCCTTAACCCAAGCAGTGAGACACTGGATCAAACAGGAAACTGATATCGTCAGATCTTCATTTTACATTCAAATGAATAAAGGCAGCTCATGGGCTTATTCAAAATCTCCAATTGTCAGTACCTCAATCCAGCCTGAAGTTAATATAATTCACCCTTTTATCCACAAAGAGACACTGGATGCAGTCTGACGTTGATATTATTGAATCCTTTGCTATTTTTAAAGCTGCAAAGTAAGAACCTGGATCCAGCCTGAAACAGAAATACTAAAACCCAGAACCCATTATAAGGCAGACATAATTGCATCATTTTCTCCTCCTGAAATTGAGCCAAATGGAGAAACACTATTAACGATCATTTTGGCTTCTTGTTTAAACATGTACCATTTTTGCCAGTAAAAACTGTGCCTTTCCCAGATCAGTATTTTATAGCTTTGTTAAGTGAGATAACTGTCACAGAAAGCCAAGATAAAATCAATTCTCTCCAACCAAGCCAGCTTACAAGCAATTGGTTTCCTGGAAGAGTTGTTTACCAGCATTATGGTGGGAAATTAAAAATTATCAAGGTTAAAGAGAACCCTGATATCTCCTATACCTCTCTTGTCTCTCTTTCTTCTTCCTTTTTCTTTGTTCTTTCTTATTCTCTTCCATCTGCATGTACACTGTGTTCTTCTTATTCAGTCTTTTGTTCTTGTTCATTTCCTTTATTCTGCATTTTCCCAGCTTGCTCAGTTGTTTCTCCTCTAGTCTCCTCTCCTATTCTCCTATCCATACGCTCTTCTGCTAATCCTCTTCAGAAAATATGTTCCTCAACATTTACTGAAGAGTCCATTCTTTCTCATTCTTTTTCATCCTTGCATGCTGCCACAGCCACACTTTTAACAAAACAACCTCTCCGGATGCCTGGATCTCAATCTGGACCCAAGCCTGAATGACAACTTCTTAGGCATTCAGATCTCAATGTTTCCCTGGTTGAGCGTCAACTAGCTGTAATCTGGAAAGAAAGTTTCCAGGTTTTCTGGCTCTTCAAGACAGGTGTATATTCCTTCCGCAGATTGTGGATTACACCCTGGCCATGTCCCCCTCTGTCCCAACCGCTGGGAGGCAGAAGTTGGTAAACTCCCTTGGATAGTCTCTGTGCAACTGTCTTTCTCCCATTTCTGTGCTGGCTCCATACTAAATGAACAGTGGTTCCTTACCACAGCTATATGTGCCAATTTTATGAAAGTCTGAAGAAACACAGATAGAGACAGTGTCTTGCTCTGTTGCCCAGGCTGGAGTGCAGTGGCACTCCAGTACTGATTCACAGTAGCCTCAAATTCTCAAGAATAAAGGATTCTCCCACAGCTGCCTCCTGAGTAAATGGGACCACAGGCACACACCACTGCATCTGGCTAATTTATACTACTATGTGACTATTGGCTAGTTAGTTAGTCCCTTATGAAGAAAAGTGCTGGAATTCTACAAAAAAGCACCTGAGCATCCTACAAGTCAGCACTTGTGCCCAATTTTGCCCCAAGCTGAATGAATTCCTTTATTTGTGGAGGTCAAGAAAGCTATGCAGGAAGATGGCTGGTGACCTGGGAGCACCTTTGGTGTGCCATCTACAGCAAAAGGACACTTGGGTGCAGGAGGGAATATTGAGTAACTTTGAGGAGAGTTCCACAAAGCCCTATGTCAGTCAAGTGCATGCTTTCGTTTTCAGGCTCCAGGGAGTGACACAGCTTAGCCATGCACCCTGGCACCAGCAACGACCCATGACTACCTTGCTTTCATGTCTCTTTCAGTCTCTTCGTCTACAAATGCCTCGGTTTTTACCTACACTCCCAAATCTATTCAGCCACACTTCATCTCTCTGCCACAGCCTCAGACTTCAGCAGATCAGATTTCTCTGCGATATGCCATGCCTTGACAGGCTGTGATCATCAGCTGTGGTAGTTAGGTCTGCAGTAGTTCCATAGTTAGCAGCTCTTGGGTTCTCACAGCTGCCCACTGCATCAGGAACATGAATCCTGAAGACACTGCTGTGATTCTGGGCCTGAGGCACTCTGGGGCACCACTGAGAGTTGTGAAAGTGTTTACCATTCTACAGCATTAGAGGTTCTGCTTAGTGAGTAGGGCAGCAAGGAATGACCCAGCATTGCTACTCCTCCAAGATGTCCAGACTCCCATTTGGCTCTTAGCACCCTTGGGCTATCTAAAGAACCTGAATAGTTCAGACTGCTGACTCACTGGGCCACAAATTATTACACCAGGAGAGATTGATAAGAATTCCAAAATGTTAAAGATGCAAGTGATGGAAGCTTCCAGCTGTGCCCACCTTGTCCCTGGCATAGGCAGTTCCATTGTTTGCTTCATTACTGAGGCCAAAGACTCTAATGCAAATGTGGAGTCAGTGAGTCCAGGGAGTGCAGTTATGTGCAGACCAATATCTGGCAATGGCAGTTGGAGACAAATAGGTTTCCCCAGTCTCAAAACCCTGGCTAGTACAGTGAGTCTGCCCTTCTGGATCTTATCTACTTCGGCAAAAAAAGGCCACACACTAAACCAGGGCCTTATGCTTTGGGTGGAAACTCCTAAGTCCTGTAGTCTCCTTAAACAGCCAACCACACTGCCACTTGCTTCAATAATAATTACTGCAGCACTGAGACTTTGGTAGCCTAGTGACTATAACTAGTGATGCTATAGTCTGGCCACAGTATGATAAAACACCAGAGGAACCAAAACAAAAATATTGACTTAAGCCTTCTAA