28S rRNA sequence used: Chain 5, 28S ribosomal RNA

Sequence ID: [3J3E\_5](https://www.ncbi.nlm.nih.gov/nucleotide/3J3E_5?report=genbank&log$=nuclalign&blast_rank=1&RID=J13VNTKA013)

Sequence in bold and underlined are the PCR primers. The C highlighted in yellow is the methylated cytosine.

>28S rRNA

1 ttatatacaa cctcaactca tatgggacta ccccctgaat ttaagcatat taattagggg

61 aggaaaagaa actaacaagg attttcttag tagcggcgag cgaaaagaaa acagttcagc

121 actaagtcac tttgtctata tggcaaatgt gagatgcagt gtatggagcg tcaatattct

181 agtatgagaa attaacgatt taagtccttc ttaaatgagg ccatttaccc atagagggtg

241 ccaggcccgt ataacgttaa tgattactag atgatgtttc caaagagtcg tgttgcttga

301 tagtgcagca ctaagtgggt ggtaaactcc atctaaaact aaatataacc atgagaccga

361 tagtaaacaa gtaccgtgag ggaaagttga aaagaactct gaatagagag ttaaacagta

421 cgtgaaactg cttagaggtt aagcccgatg aacctgaata tccgttatgg aaaattcatc

481 attaaaattg taatatttaa ataatattat gagaatagtg tgcatttttt ccatataagg

541 acattgtaat ctattagcat ataccaaatt tatcataaaa tataacttat agtttattcc

601 aattaaattg cttgcatttt aacacagaat aaatgttatt aatttgataa agtgctgata

661 gatttatatg attacagtgc gttaattttt cggaattata taatggcata attatcattg

721 atttttgtgt ttattatatg cacttgtatg attaacaatg cgaaagattc aggatacctt

781 cgggacccgt cttgaaacac ggaccaagga gtctaacata tgtgcaagtt attgggatat

841 aaacctaata gcgtaattaa cttgactaat aatgggatta gttttttagc tatttatagc

901 taattaacac aatcccgggg cgttctatat agttatgtat aatgtatatt tatattattt

961 atgcctctaa ctggaacgta ccttgagcat atatgctgtg acccgaaaga tggtgaacta

1021 tacttgatca ggttgaagtc aggggaaacc ctgatggaag accgaaacag ttctgacgtg

1081 caaatcgatt gtcagaattg agtatagggg cgaaagacca atcgaaccat ctagtagctg

1141 gttccttccg aagtttccct caggatagct ggtgcatttt aatattatat aaaataatct

1201 tatctggtaa agcgaatgat tagaggcctt agggtcgaaa cgatcttaac ctattctcaa

1261 actttaaatg ggtaagaacc ttaactttct tgatatgaag atcaaggtta tgatataaat

1321 gtcccagtgg gccacttttg gtaagcagaa ctggcgctgt gggatgaacc aaacgtaatg

1381 ttacgtgccc aaattaacaa ctcatgcaga taccatgaaa ggcgttggtt gcttaaaaca

1441 gcaggacggt gatcatggaa gtcgaaatcc gctaaggagt gtgtaacaac tcacctgccg

1501 aagcaactag cccttaaaat ggatggcgct taagttgtat acctatacat taccgctaaa

1561 gtagatgatt tatattactt gtgatataaa tttngaaact ttagtgagta ggaaggtaca

1621 atggtatgcg tagaagtgtt tggcgtaagc ctgcatggag ctgccattgg tacagatctt

1681 ggtggatagt agcaaataat cgaatgagag ccttggagga ctgaagtgga gaagggtttc

1741 gtgtgaacag tggttgatca cgagttagtc ggtcctaagt tcaaggcgaa agcgaaaatt

1801 ttcaagtaaa acaaaaatgc ctaactatat aaacaaagcg aattataata cacttgaata

1861 attttgaacg aaagggaata cggttccaat tccgtaacct gttgagtatc cgtttgttat

1921 taaatatggg cctcgtgctc atcctggcaa caggaacgac cataaagaag ccgtcgagag

1981 atatcggaag agttttcttt tctgttttat agccgtacta ccatggaagt ctttcgcaga

2041 gagatatggt agatgggcta gaagagcatg acatatactg ttgtgtcgat attttctcct

2101 cggaccttga aaatttatgg tggggacacg caaacttctc aacaggccgt accaatatcc

2161 gcagctggtc tccaaggtga agagtctcta gtcgatagaa taatgtaggt aagggaagtc

2221 ggcaaattag atccgtaact tcgggataag gattggctct gaagattgag atagtcggcc

2281 ttgattggga aacaataaca tggtttatgt gctcgttctg ggtaaataga gtttctagca

2341 tttatgttag ttacttgttc cccggatagt ttagttacgt agccaattgt ggaactttct

2401 tgctaaaatt tttaagaata ctatttgggt taaaccaatt agttcttatt aattataacg

2461 attatcaatt aacaatcaat tcagaactgg cacggacttg gggaatccga ctgtctaatt

2521 aaaacaaagc attgtgatgg ccctagcggg tgttgacaca atgtgatttc tgcccagtgc

2581 tctgaatgtc aaagtgaaga aattcaagta agcgcgggtc aacggcggga gtaactatga

2641 ctctcttaag gtagccaaat gcctcgtcat ctaattagtg acgcgcatga atggattaac

2701 gagattccta ctgtccctat ctactatcta gcgaaaccac agccaaggga acgggcttgg

2761 aataattagc ggggaaagaa gacccttttg agcttgactc taatctggca gtgtaaggag

2821 acataagagg tgtagaataa gtgggagata ttagacctcg gtttggtatc gtcaatgaaa

2881 taccactact cttattgttt ccttacttac ttgattaaat ggaacgtgta tcatttccta

2941 gccattatac ggatatattt attatatctt atggtattgg gttttgatgc aagcttcttg

3001 atcaaagtat cacgagtttg ttatataatc gcaaacaaat tctttaataa aacgatgcat

3061 ttatgtattt ttgatttgaa aatttggtat aactccaatt actcaggtat gatccaattc

3121 aaggacattg ccaggtaggg agtttgactg gggcggtaca tctctcaaat aataacggag

3181 gtgtcccaag gccagctcag tgcggacaga aaccacacat agagcaaaag ggcaaatgct

3241 gacttgatct c**ggtgttcag tacacacagg gacagcaaa**a gctcggccta tcgatccttt

3301 tggtttaaag agtttttaac aagaggtgtc agaaaagtta ccatagggat aactggcttg

3361 tggcggccaa gcgttcatag cgacgtcgct ttttgatcct t**C**gatgtcgg ctcttcctat

3421 cattgtgaag caaaattcac caagc**gttgg attgttcacc catgcaaggg aa**cgtgagct

3481 gggtttagac cgtcgtgaga caggttagtt ttaccctact aatgacaaaa cgttgttgcg

3541 acagcattcc tgcgtagtac gagaggaacc cgcaggtacg gaccaatggc acaatacttg

3601 ttcgagcgaa cagtggtatg acgctacgtc cgttggatta tgcctgaacg cctctaaggt

3661 cgtatccgtg ctggactgca atgataaata aggggcaatt tgcattgtat ggcntctaaa

3721 ccatttaaag tttataattt actttataaa cgacaatgga tgtgatgcca atgtaatttg

3781 taacatagta aattgggagg atcttcgatc acctgatgcc gcgctagtta catataaaag

3841 cattanttaa tacaatgaca aagcctagaa tcaattgtaa acgacttttg taacaggcaa

3901 ggtgttgtaa gtggttgagc agctgccata ctgcgatcca ctgaagctta tcctttgctt

3961 gatgattcga