# Sequencing Data:

# 1. Name: *Perinereis aibuhitensis* putative gonadotropin-releasing hormone receptor mRNA, complete cds（ *Perinereis aibuhitensis* G-protein-coupled receptors ）

# Accession number: KX792261

# Link for the third part database: <https://www.ncbi.nlm.nih.gov/nuccore/KX792261.1/>

The sequence:

#  1 taaacagtgg cattcacgca gagtacatga gggcagttta agtgattcat tttatgggaa

#  61 tgggtttccc tggtgattag ttagcaaaaa tatatatttc tggaatattt ggacttcaga

#  121 aattgaagga ttttatactt gttcttcggc ttaatggaaa tttcatcttg tgattgagga

#  181 tttaatcggt gaattttatt acatgttaac attatggata acacaacatt caacagaacg

#  241 tttgatggga gtttgaaccc taacttcaac tacattggag attttgtggt gtacatagta

#  301 atcggatgtc ttgggatttt agataatgga tttgttatta tagtcattct ccatagcaga

#  361 aagatgagga ataaactgtg caatttattc atccttaatc aaagtgtggt agacctggtg

#  421 gcttctgtgt ttctcctgtg caattctccg tctgttccga ccttagggtc agcgtcgaat

#  481 attagtctgg agttttattg ccgcatttgg gattcgaact atctcttctg ggctgccgtc

#  541 acatggtcaa cttacaactt agtcgccatc acaatcgaac gttacttaga ggtcgttcac

#  601 ccacttcggt acagatcatt cttcacgcgg agacgtgcaa aggtcattgt cgctgtcgtc

#  661 tggttggttg gattcaccat acctatcgtg acgtcagtta tcaccagtcc tgcgggagca

#  721 gacggcactt gtcagaagca cagagcgtgg tcctcccgac tcatggctgc cctcgtagga

#  781 ttttacgccc tcttcttcgg atttctttta cctgtcgtca taatgatcgt ttgctacact

#  841 cagatgatca tgaccttcaa cttgaaggtc cgaccctccg accccagcac aatgatctcc

#  901 gaaagtgaga aacgtcgaag cgaaaggatg ttgagggtcc gtaaaagcct catcaagaca

#  961 atgttgatgg tttctatcgt ctttgtgatc tgttggatcg gcgaccaagt ttatttcttc

#  1021 ctcttcaaca tcagagtcat caaagacctt caacaaactc ttacgactat cgttgtttcg

#  1081 ttagctttcc tcaattgctg cattaatcca ttcatttaca cctgccaata taacgacttc

#  1141 caagaagcta caagaagact cttaaaaatc aaaaaggaga gtgaaaacag tgaaaggtct

#  1201 acgttggatc tgtctaacca aaaagtctaa tccacatgaa ctaattaaaa catattgatt

#  1261 cgaccaattt ttaactttct tacagattta ccaaaattaa tttttaattt tagttacctc

#  1321 tatttattta atattttcat gtacagcgcc tctgaagatt ttactttccg agatctcgct

#  1381 acataaataa gtcattattt gtatttattt ttaaagaggt aatgacaaat tgtaaagatg

#  1441 ttcttaattt gtgatggtct ccattaaatt tgacatggtc atttactaaa aaaaaaaaaa

#  1501 aaaaaaaaaa aaaa

# Name: *Perinereis aibuhitensis* cAMP-dependent protein kinase A catalytic subunit mRNA, complete cds

# Accession number: KX839259

# Link for the third part database:https://www.ncbi.nlm.nih.gov/nuccore/KX839259

The sequence:

1 gtcgaagaga tcgaggtgga atattcagac ataatttttg agaagctggt tctgagagtt

 61 ctctgatttc tggccggtta attcctctgg atcaccacgg actaggtagt ttaccacacg

 121 gtagccatgg gaaatgctgc aacagcaaag aaaggcgatc cagagaatgt caaagagttc

 181 ttagccaaag ctaaagagga cttcaacaag aaatgggaag agccatcatg taacactgca

 241 tcactagatg acttcgacag aattaaaacc ctgggaacag ggtcatttgg acgggtcatg

 301 ctggttcagc acaaagccac gaaggagtac tatgccatga agattttaga taaacaaaag

 361 gtagtgaaac tgaagcaagt tgaacacaca ttgaatgaaa agaaaattct gtccgccata

 421 tcatttccat tcttagtgag cctagagtac agttttaagg ataactcaaa tttgtacatg

 481 gtattggagt tcgtgacagg aggtgaaatg ttctcacatc tgcgaagaat tggccgattt

 541 agtgaaactc acagccgatt ttatgctgca caagtatgca tggtatttga atatctgcac

 601 aatctagaca cactgtacag agatttgaag ccagaaaata ttctgattga tgacactggt

 661 cacttgagag taacagactt cggttttgcc aaacgcgtaa aaggcaggac atggacgttg

 721 tgtggcacac cagagtacct ggccccagaa atcatcttga gcaagggcta caacaaagcc

 781 gtagactggt gggcgcttgg agtccttgtt tatgaaatgg cagctggata cccacctttc

 841 tttgctgacc agccaatcca aatctatgag aagattgtct caggaaaggt gcgcttccca

 901 tctcacttta gttctgattt gaaggatctt ttgaagaatc tgctacaggt agacttgaca

 961 aaacgttatg gaaacctgaa gaatggggtc aacgatatca agaatcacaa gtggttctcc

 1021 accacagact ggattgctat ctaccagaaa aaggttgaag cacccttcat tcccaagtgc

 1081 aaaggcccag gtgactacag caactttgat gactatgagg aagaaccact gagaatttcg

 1141 tcaacggaaa aatgtgccaa ggagtttgca gacttctgag acagttggct tgtaggtggc

 1201 tagtgtgtgt tgggggaact aaagactgtg atgaccattc tgtgttcatg gtctatcact

 1261 ggcagctggc tgaagatctg cggcccacat accacacaat ctctcaaaga atacatcctt

 1321 tgtgcattaa caaatgtata tatacttaat catatcacat tgcgtaattg taacaaggtg

 1381 aattcagttt catatgtgtc aatgaggtaa gagagagggc ttcgatccca ggtgtggcat

 1441 gtccctgagg ctgcgctatt ggtccgaggt aagccaggtc gcttcagctc gcaccccagg

 1501 ctgcctcaaa agctaccttg gtcgtctact cgccgaacta gtcatttacc ttgctgtgtg

 1561 gccttccaga tttgtgtggg gcagactggt ggaggattag gctttaattg ctttgctgaa

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 1681 taacttatca ttacaacctt actgaccact tgttcacatt taggtcattg tctgcacttt

 1741 tattgtatac aggtggtcca tctgaaacaa ttctctgaac atttgaatta tatccattgt

 1801 aaggaagtgc aaacttctct tgtgctgtgc tcctctccac tcccgtgctg cttctttctc

 1861 tgctgtgaac tttgaatcag agagaaacaa cactttattt gtatgatgtc aaatattgta

 1921 cttttggtaa ggccacctcc taactgggtg gtcatcaaga cttgtatata gtttgtgagc

 1981 agttggcttt tgggtagagt aggagttttc tgttcatcat actggtggga tgacaccatc

 2041 tcccgcatac cagtagtact gtgtagtagc aatagccggc cataaggcct atgagtctcc

 2101 attgtttcag ctaatgtagc taggcttcaa gtcataagtc atgataacat ataatggcat

 2161 tatttgtagt actgatgatg agagaatatt atctttgtca agacaaactt attttacttt

 2221 tatataactg acttgtatgt acagacgtca aggctgtatg aactgagaaa ttgttgcttg

 2281 ttatgtgtag tgtataaaat gtgtatatct atctctgcat attttgtgtt tgattgtcaa

 2341 tccacaaatg cttcaaattt atcttgaaac catgtacttg actaatctaa tttgtgattt

 2401 gaaaaggtaa ttggagttgt gctgaattag ataggtatgc ttcctgacat tgtgtaacac

 2461 tactacagtg agtcccattt gtcatgggtc ctactcatga atgttgttat attttgtata

 2521 tactaaaaat aatttatgct ggttcatgaa gatgtacaaa aaaatatttt tcaaatggct

 2581 aaggatggtt ttgatgaaat tgttacacta agggtcagca gttaacaaac cccatgaaaa

 2641 aaaaaaaaaa aaaaaaaaaa aa