

Supplementary data:***ndhF* partial gene sequence of *Crinum thaianum* (1,762 bp)**

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1 AGTGTGTTTGA TGCTAAGTAT AGCTATGGTA TTTTCGGCCA ATCTGTCTAT TCAACAAATA
61 AATGGAAATT TTATCTATCA ATATCTATGG TCTTGGA CTG TCAATAATGA TTTTCTTTA
121 GAGTTCGGAC ACTTGATCGA TCCACTTACT TCTATTATGT CAATATTAAT TACTACTGTT
181 GGAATCATGG TTCTTATTTA TAGTGACAAT TATATGTCTC ACGATCAAGG ATATTTGAGA
241 TTTTTTGCTT ATATGAGTTT TTTCAATACT TCTATGTTGG GATTAGTTAC TAGTTC AAT
301 TTGATACAAA TTTATATTTT TTGGGAAC TT GTAGGAATGT GTTCGTATTT ATTAATAGGT
361 TTTTGGTTCA CACGTCCAAT TGCGGCAAGT GCTTGTC AAA AAGCTTTTGT AACCAATCGT
421 ATAGGGGATT TTGGTTTATT ATTAGGAATT TTAGGACTTT ATTGGATAAC TGGTAGTTTA
481 GAATTCGGG ATTTGTTTCA AATAGTTAAT AACTTAGTTC GTAATAATGG AGTGGATTCT
541 TTATTTGCTA CTCTGTGTGC TTCTTTTTTA TTTGTCGGTG CAGTTGCTAA ATCCGCACAA
601 TTCCCTCTTC ACATATGGTT ACCCGATGCT ATGGAGGGAC CTACTCCCAT TTCGGCTCTT
661 ATACATGCTG CTACTATGGT AGCAGCGGGA ATTTTCTTTG TAGCTCGGCT TCTTCCCTT
721 TTCATAGTTA TACCTTACAT AATGAATCTC ATTTCTTTAA TAGGCGTAAT AACAGTACTA
781 TTAGGAGCTA CTTTAGCTCT TGCTCAAAGA GACATTAAAA GAAGTTTAGC TTATTCTACA
841 ATGTCTCAAT TGGGTTATAT TATGTTAGCT CTGGGTATAG GTTCTTATCG AGCCGCTTTA
901 TTCCATTTGA TCACTCATGC CTATTCGAAA GCTTTATTGT TTTTGGGATC CGGATCCATT
961 ATTCAATCAA TGGAACCCAT TGTGATAT TCACCAGAGA AAAGTCAAAA TATGGTTCTT
1021 ATGGGGGGTT TAACAAAATA TGTTC AATT ACAAGAATTA CTTTTTTATT AGGTACACTC
1081 TCTCTTTGTG GTATTCCACC TCTTGCTTGT TTTTGGTCCA AAGACGAAAT TCTTAATGAT
1141 AGTTGGTTGT ATTCACCAAT TTTTCGAATA ATAGCTTCCT TCACAGCAGG ATTAACCGCA
1201 TTTTATATGT TTCGGATGTA TTTACTTACC TTTGATGGAC ATTTGCGGAT TCATTTTCAA
1261 AATTACAGTA GCACTCAAAA TAGTCTTTTC TATTCAATAT CTTTATGGGG AAAAGAAGTA
1321 CCCAAGCAG TCAATAGAAA TTTACTTTTA TCAACAATGA ACAATAAGGT CTCTTTTTTTT
1381 TCAAAAGATA CATATCGAAT TGATGATAAT GTAAGAAAATA GAGTACGATA CTTTAGTACT
1441 TACTTTAGCT TTAGAAATAA ATACACTTAC ACCTATCCTC ACGAATCAGA CAATACTATG
1501 TTATTTCCAC TGCTTGTATT GGTACTATTT ACTTTATTCTG TTGGAGCAAT CGGAATTCAT
1561 TTTGATCGAG GAGTAATAGA TTTTGATCTA TTGTCGAAAT GGTAACTCC ATCCGCAAAA
1621 TTTTCCATC CAAATTCGAA CGGTCTTCG GATTGGTATG ATTTTTTTAA AAATGCAGTT
1681 TTTTCGGTAA GTATAGCTCT TTTTGGATTA TTTGTAGCAT CCATTTTATA TGGATCTGTT
1741 TATTCATCTC TACAGAATTT GG

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***accD* partial gene sequence of *Crinum thaianum* (1,094 bp)**

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1 ACACATTCCT AGTTGGAATG ATAGTGGTAG TTATAGTTTC AGTAATGTTG ATTATTTATT
61 TGATATCCGG AATATTTGGA GTTTCTCTC TGATAACACT TTTT TAGTTA GGGATGGTAA
121 TGGTGACAGT TATTCTGTAT ATTTTGACAT TGAAAATCAT ATTTT TGAGA TTGACAATAA
181 TAGTTTTTTT CTGAGTGAAC TAGAAAGCTT TTTTCCAGT TATTTG AATA ATAGGCCTAA
241 GAGTAACAAT CACTACTATT ATCATTACAT GTATGATACT CAATCTAGTT GGAATAATCA
301 CATTAAATAGT TGCATTGATA GTTATCTTCG TTTTGAAGTC AGTATTCATA GTTACATTTT
361 CGATGGTACC GAAAATTACA GTGACAGTTA CATTTCTAGT TTCATTTGTA CTGAAGGCGT
421 AAGCAGTAGT GCAAGTGGGA ATTCTAGTAT AAGAACTGGT GGTAA TAGCC GTGATTTCAA
481 TATAAGAGGA GGATCTAATG ATTTAGATAG AAATAAAAAA TACAGAAATT TATGGGTTCA
541 ATGCGAAAAAT TGTTATGGAT TAAATTATAA AAAATTTTTT AGGTCAAAAA TGAATATTTG
601 CGAACAGTGT GGATATCATT TGAAAATGAG TAGTTCAGAT AGAATCGAAC TTTTGATTGA
661 TCCGGGCACT TGGGATCCTG TGGATGAAGA TATGGTCTCC ACGGACCCCA TTGAATTTCA
721 TTCAGAGGAG GAACCTTATA GAGATCGTAT CGATTCTTAT CAAAGAAGGA CAGGTTTAAAC
781 TGAAGCTGTT CAAACGGGCA TAGGTCAACT AAATGGTATT CCCATAGCAA TTGGGGTTAT
841 GGATTTT CAG TTTTGGGAG GTAGTATGGG ATCCGTAGTA GGCGAGAAAA TCGCGCGTTT
901 GATCGAATAT GCTACTAATC GATCTCTACC AGTCATTATT GTGTGTGCTT CTGGAGGAGC
961 ACGCATGCAA GAAGGAAGTT TAAGCTTGAT GCAAAATGGCT AAAATATCTT CTGCTTCATA
1021 TAATTATCAA TCAAAATAAAA AGTTATTCTA TGTATCAATC CTTACATCTC CTACAAC TGG
1081 TGGAGTAACT GCCA

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ndhH partial gene sequence of *Crinum thaianum* (1,006 bp)

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1  GGGGTTCTTA GACTGATCGT TACTCTCGAT GGTGAAGATG TTATTGACTG TGAACCCGTA
61  TTGGGTTATT TACACAGAGG GATGGAAAAA ATAGCGGAAA ATCGAACAAT TATACAATAT
121 TTGCCTTATG TAACACGATG GGATTATTTA GCCACTATGT TCACAGAAGC AATAACAGTA
181 AATGCACCAG AACGTTTGGA AAGTGTCCAA GTGCCATAAA GAGCCAGTTA CATTAGAGTA
241 ATTATGCTAG AACTGAGTCG TATAGCTTCT CATTTGTTAT GGCTTGGGCC TTTTATGGCG
301 GATATCGGTG CACAGACTCC CTTTTCTAT ATTTTCAGAG AAAGGGAATT GTTATATGAT
361 CTATTCGAAG CCGCTACAGG TATGCGAATG ATGCATAATT ATTTCCGTAT TGGGGGAGTT
421 GCTGCTGATC TACCTTATGG CTGGATAGAT AAATGTTTGG ATTTCTGCGA TTATTCTTTA
481 ACAGGAATTG TTGAATATCA AAAACTTATT ACGCGGAATC CTATTTTTTTT GGAACGAGTT
541 GAAGGGGTGG GCATTATTAG GGGAGAGGAA GCAATAAATT GGGGTTTATC AGGACCGATG
601 CTACGAGCTT CCGGAATCCA ATGGGATCTT CGTAAAGTTG ATCATTATGA GTGTTATAAT
661 AAATTCGATT GGGAAGTCCA ATGGCAAAAA GAAGGAGATT CACTAGCCCG TTATTTAGTA
721 CGAATCGGTG AAATGAAGGA ATCTATAAAA ATTATTCAAC AGGCTCTGGA AGGAATTTCCT
781 GGAGGACCTT ATGAAAAATT AGAAGTCCGA CGCTTTGATA GAGCAAAAAA TCCCGAATGG
841 AATAATTTTG AATATAGATT TATTACTAAA AAACTTTCAC CCAATTTTGA ATTGTCGAAA
901 CAAGAACTTT ATGTGAGAGT AGAAGCCCCA AAAGGGGAAT TAGGAATTTA TTTGATAGGA
961 GATAGTAGTG TTTTCCCCTG GAGATGGAAA ATTCGTCCGC CTGGTT

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psaB partial gene sequence of *Crinum thaianum* (2,060 bp)

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1  CCGCGCATGA CTTTGAGAGT CATGATGATA TTA CTGAGGA ACGTCTTTAT CAGAACATTT
61  TTGCTTCTCA CTTTGGGCAG TTAGCAATAA TCTTTCTGTG GACGTCCGGA AATCTGTTTC
121 ATGTAGCATG GCAAGGAAAT TTTGAGTCAT GGATACAGGA CCCTTTACAT GTAAGACCTA
181 TTGCTCATGC AATTTGGGAT CCTCATTTTG GTCAACCAGC CGTAGAAGCC TTTACTCGAG
241 GAGGTGCTAT CGGCCAGTG AATATCGCTT ATTCCGGTGT TTATCAGTGG TGGTATACAA
301 TCGGATTACG CACCAATGAG GATCTTTATA CTGGAGCTCT TTTTCTATTA TTTCTTTCTG
361 CTATATCCTT AATAGCGAGT TGGTTACACC TACAACCTAA ATGGAAACCG AGCGTTTCGT
421 GGTTCAAAAA TGCCGAATCT CGTCTCAATC ATCATTTGTC AGGACTTTTTT GGAGTAAGCT
481 CCTTGCTTGG GACAGGACAT TTAGTTCATG TCGCTATTCC CGGATCCAGG GGACAGTACA
541 TCAGATGGAA TAATTTCTTA GACGTATTAC CGTATCCCCA AGGGTTGGAA CCGCTTCTTA
601 CGGGTCAGTG GAATCTTTAT GCCCCAAACC CCGATTCCAG TAGTCATTTA TTTGGTACCT
661 CCAAGGAGC AGGAACTGCC ATTCTAACCC TTCTTGGGGG ATTCCATCCA CAAACGCAAA
721 GCTTATGGCT GACCGATATT GCTCATCATC ATTTAGCTAT TGCATTTATT TTTCTCGTTG
781 CCGGTCATAT GTATAGAACT AACTTCGGGA TTGGGCATAG TATCAAAGAT CTTTTAGAAG
841 CGCATACTCC TCCGGGGGGC CGATTAGGAC GCGGGCATAA GGGTCTATAT GACACAATCA
901 ATAATTCGAT TCATTTTCAA TTAGGCCTTG CTCTAGCCTC TTTAGGGGTT ATTACTTCCT
961 TAGTAGCCCA ACACATGTAT TCTTTACCTG GTTATGCATT CATAGCACAA GACTTTACTA
1021 CTCAAGCTGC ATTATATACT CATCACCAAT ACATAGCGGG GTTTATCATG ACAGGAGCCT
1081 TTGCTCATGG AGCTATATTC TTCATTAGAG ATTATAACCC GGAGCAGAAT GAGGATAATG
1141 TATTGGCAAG AATGTTAGAC CATAAGGAAG CTATCATATC TCATTTAAGT TGGGCCAGCC
1201 TCTTCTGGG GTTCCATACC CTAGGTCTTT ATGTTTCATA CGACGTCATG CTCGCTTTTG
1261 GTACTCCGGA AAAACAAATC TTGATCGAAC CCATATTTGC CCAATGGATA CAATCCGCTC
1321 ATGGTAAGAC TTCATATGGG TTCGATGTAC TTTTATCTTC AACAAACCGGA CCGGCATTCA
1381 ATGCAGGTCG AAGCATATGG TTACCCGGTT GGTAAATGC TATTAATGAA AATAATAATT
1441 CACTCTTCTT AACAATAGGT CCGGGGGATT TCTTGGTTCA TCATGCAATT GCTCTAGGTT
1501 TGCATACAAC TACATTGATT TTAGTAAAAG GTGCTTTAGA TGCACGTGGT TCCAAATTAA
1561 TGCCAGATAA AAAGGATTTT GGTATAGTAT TTCCTTGCGA CGGCCAGGA CGTGGGGGTA
1621 CTTGTGATAT TTCTGCTTGG GACGCATTTT ATTTGGCAGT TTTCTGGATG TTAAATACCA
1681 TCGGATGGGT CACTTTTTAT TGGCATTGGA AACACATCAC ATTATGGCAG GGTAAATGTTT
1741 CACAATTTAA TGAATCTTCC ACTTATTTGA TGGGGTGGTT AAGAGATTAT CTATGGTTAA
1801 ACTCTTCACA ACTTATCAAT GGATATAACC CTTTGGGTAT GAATAGTTTA TCGGTATGGG
1861 CATGGATGTT TTTATTTGGA CATCTTGTTT GGGCTACTGG ATTTATGTTC TTAATTTTCT
1921 GGCGGGGCTA TTGGCAGGAA TTAATTGAAA CTTTAGCATG GGCTCATGAA CGCACACCTT
1981 TGGCTAATTT GATTCGATGG AGAGATAAGC CAGTGGCTCT TTCCATTGTG CAAGCAAGAT
2041 TAGTTGGATT AGCACACTTT

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26S rDNA partial gene sequence of *Crinum thaianum* (453 bp)

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1  GGGGACACCC GCTGAGTTTA AGCATATCAA TAAGCGGAGG AGAAGAAACT TACGAGGATT
61 CCCTTAGTAA CGGCGAGCGA ACCGGGAGAA GCCCAGCCTG GGAATCGGGC GGCTGTGCCG
121 TCTGAATTGT AGTCTGGAGA AGCGTCCTCA GCGACGGACT GGGCCCAAGT CCCCTGGAAA
181 GGGGTGCCTG GGAGGGTGAG AGCCCCATTC GGCCCGGACC CTGCCGCATC ACGAGGCGTT
241 GTCGGCGAGT CGGGTTGTTT GGAATGCAG CCCCAATTGG GCGGTAAATT TCGTCCAAGG
301 CTAAATAGCG GCGAGAGGCC GACAGCGAAC AAGTACCGCG AGGGAAAGAT GAAAAGGACT
361 TTGAAAAGAG AGTCAAAGAG TGCTTGAAAT TGTCGGGAGG GAAGCGGATG GGGGTCGGCG
421 ATGTGCGTCG GTCGGATGCG GAACGGTCCC TCT

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***ndhA* partial gene sequence of *Crinum thaianum* (937 bp)**

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1  GAAGTCTATG GACTCATATG GATCTTTGTT CTTATTTTCG CCCTTATATT GGGAATCACA
61 ATAGGGGTAC TAGTAATTGT GTGGTTAGAA AGAGAAATAT CCGCAGCAAT ACAACAACGT
121 ATTGGGCCTG AATATGCGGG CCCATTAGGA ATTCTTCAAG CTCTAGCGGA CGGGACCAAA
181 TTACTTTTTTA AAGAGGACCT CCTCCCATCT AGAGGAGATA TTCGTTTGTT CAGCGTGGGA
241 CCGTCTATAG CGGTCATATC AGTTCTACTA AGTTATTTAG TAATTCCTTT TGGGTATCGC
301 CTTGTTTTTG CCGATCTCAG TATAGGAGTC TTTTATGGA TCTCCATTC AAGTATTGCT
361 CCTATGGGGC TTCTTATGTC AGGATATGGA TCGAATAATA AATATTCCTT TGTGTTATCA
421 ATATCTCTAT CAGGTGGTCT ACGGGCTGCT GCTCAATCTA TTAGTTATGA AATACCATTA
481 ACTCTATGTG TGTTATCAAT ATCTCTATTA TCTAATAGTT CAAGTACAGT TGATATAGTT
541 GAGGCACAGT CAAAATATGG GTTTTGGGGA TGGAATCTTT GGCGTCAGCC TATAGGGTTT
601 GTTGTTTTTC TAATTTCTTC TCTAGCGGAA TGTGAGAGAT TACCCTTTGA TTTACCAGAA
661 GCAGAGGAGG AATTAGTAGC AGGGTATCAA ACAGAATATT CAGGTATCAA ATACGCTCTA
721 TTTTACCTTG CTTCTTACCT AAATTTATTA GTTCTTCAT TATTTATAAC AGTTCCTTAC
781 TTAGGTGGGT GGAATTTCTC CATTCCGTAC ATATCCATTC CTGAACTTT CGGAATAAAT
841 AAAATGGCTG GAGTCTTTGG AATGACAATT GGGACTTATA TATTTATTAC ATTAGCTAAA
901 GCTTATTTGT TTCTGTTCAT TCCTATCGCA GCAAGAT

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18S rDNA partial gene sequence of *Crinum thaianum* (769 bp)

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1  TTTTGGAAGG GATGCATTTA TTAGATAAAA GGTCAATGCG GGCTCTGCTC GGTGCTCTGA
61 TGATTCATGA TAACTAGACG GATCGCACGG CCCATGTGCT GGCGACGCAT CATTCGAATT
121 TCTGCCCTAT CAACTTTCGA TGGTAGGATA GAGGCCTACC ATGGTGGTGA CGGGTGACGG
181 AGAATTAGGG TTCGATTCCG GAGAGGGAGC CTGAGAAACG GCTACCACAT CCAAGGAAGG
241 CAGCAGGCGC GCAAATTACC CAATCCTGAC ACGGGGAGGT AGTGACAATA AATAACAATA
301 CCGGGCTCTA TCGAGTCTGG TAATTGGAAT GAGTACAATC TAAATCCCTT AGCGAGGATC
361 CATTGGAGGG CAAGTCTGGT GCCAGCAGCC GCGGTAATTC CAGCTCCAAT AGCGTATATT
421 TAAGTTGTTG CAGTTAAAAA GCTCGTAGTT GGATCTTGGG TTGGGACGGT CGGTCCGCCA
481 TCGGTGAGCA CCGACCGTCT TGTCCCTTCT GCCGGTGATG CGCTCCTGGA CTTAAATGGC
541 CGGGTCGTGC CTCCGGCGCC GTTACTTTGA AGAAATTAGA GTGCTCAAAG CAAGCTTACG
601 CTCTGTATAC ATTAGCATGG GATAACATCA CAGGATTTCG GTCTATTGT GTTGGCCTTC
661 GGGATCGGAG TAATGATTAA GAGGGATAGT CGGGGGCATT CGTATTTTCA AGTCAGAGGT
721 GAAATTCCTG GATTTATGAA AGACGAACAA CTGCGAAGCC ATTTGCCAA

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