Aspergillus sydowii isolate CN117-C2 beta-tubulin (benA) gene, partial cds

GenBank: ON807741.1

FASTA Graphics

Go to:

```
LOCUS       ON807741                502 bp    DNA     linear   PLN 11-JAN-
2023
DEFINITION  Aspergillus sydowii isolate CN117-C2 beta-tubulin (benA) gene,
            partial cds.
ACCESSION   ON807741
VERSION     ON807741.1
KEYWORDS    .
SOURCE      Aspergillus sydowii
  ORGANISM  Aspergillus sydowii
            Eukaryota; Fungi; Dikarya; Ascomycota; Pezizomycotina;
            Eurotiomycetes; Eurotiomycetidae; Eurotiales; Aspergillaceae;
            Aspergillus; Aspergillus subgen. Nidulantes.
REFERENCE   1  (bases 1 to 502)
  AUTHORS   Sklenar,F., Glaessnerova,K., Jurjevic,Z., Houbraken,J.,
            Samson,R.A., Visagie,C.M., Yilmaz,N., Gene,J., Cano,J.,
Chen,A.J.,
            Novakova,A., Yaguchi,T., Kolarik,M. and Hubka,V.
  TITLE     Taxonomy of Aspergillus series Versicolores: species reduction
and
            lessons learned about intraspecific variability
  JOURNAL   Stud Mycol (2022) In press
  REMARK    Publication Status: Available-Online prior to print
REFERENCE   2  (bases 1 to 502)
  AUTHORS   Sklenar,F. and Hubka,V.
  TITLE     Direct Submission
  JOURNAL   Submitted (20-JUN-2022) Faculty of Science, Department of Botany,
            Charles University, Albertov 6, Prague 128 43, Czech Republic
COMMENT     ##Assembly-Data-START##
            Sequencing Technology :: Sanger dideoxy sequencing
            ##Assembly-Data-END##
FEATURES             Location/Qualifiers
     source          1..502
                     /organism="Aspergillus sydowii"
                     /mol_type="genomic DNA"
                     /isolate="CN117-C2"
                     /db_xref="taxon:75750"
     gene            <1..>502
                     /gene="benA"
     CDS             join(<1..18,93..118,186..227,292..>502)
                     /gene="benA"
```

/codon_start=1
/product="beta-tubulin"
/protein_id="WBK61829.1"

/translation="LQTGQCGNQIGAAFWQTISGEHGLDGSGVYNGTSDLQLERMNVY

FNEASGNKYVPRAVLVDLEPGTMDAVRAGPFGQLFRPDNFVFGQSGAGNNWAKGH"
ORIGIN

```
        1 ctccagaccg gccagtgtgt aagtgctagg gcattatgaa attggttgtc tttgggatgg
       61 gtgaaagcat actaaacttg gatgcgtgac agggtaacca aattggtgct gctttctggt
      121 gcgtcgaaaa tttcatccat tgcagatggt ctttgttttc gtgaatttta ctaacgactc
      181 tataggcaga ccatctccgg tgagcacggc ctcgatggct ccggtgtgtg agtacagccc
      241 gtccaggact cgatcaaaac acgacagaac acagcccctg atataataca gttacaatgg
      301 tacctccgac ctccagctcg agcgtatgaa cgtctacttc aacgaggcca gcggcaacaa
      361 gtacgttccc cgtgccgtcc tcgtcgatct cgagcctggt actatggacg ctgtccgtgc
      421 cggtcccttc ggtcagctct tccgtcccga caacttcgtc tttggccagt ccggtgctgg
      481 taacaactgg gccaagggtc ac
```