

VU Expert Zoologists

BIF-401

photofunny

11:32

24 K/s 83

Quiz
vulms.vu.edu.pk

BC220410450: HUMA TAHIR

Time Left 88 sec(s)

BIF401 - Bioinformatics I (Quiz No. 2)

Quiz Start Time: 11:29 AM, 07 July 2023

Question # 4 of 5 (Start time: 11:32:15 AM, 07 July 2023)

Total Marks: 1

FASTA Algorithm can acheives alignment by using ..... lengths of exact .....

Select the correct option

Reload Math Equations

- Long, Mismatches
- Short, Mismatches
- Short, Matches
- Long, Matches

Click to Save Answer & Move to Next Question

11:59 AM

vulms.vu.edu.pk/Quiz/Q

10

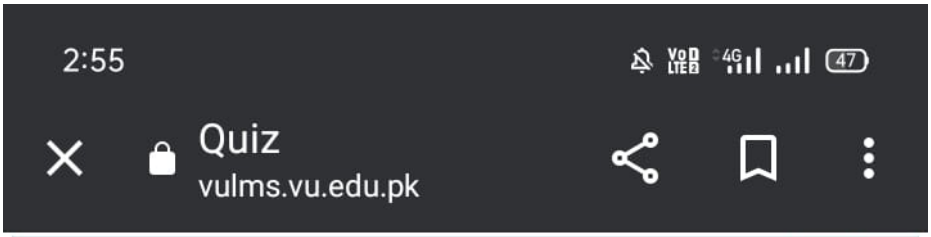
uestion # 5 of 5 (Start time: 11:59:55 AM, 07 July 2023)

tfastx35 compares ..... sequence to a ..... sequence database (6 - ORFs).

elect the correct option

- Protein, DNA
- DNA, DNA
- Protein, Protein
- DNA, Protein

Click to Save



BC200411204: TAYABA

Time Left 84 sec(s)

BIF401 - Bioinformatics I (Quiz No. 2)

Quiz Start Time: 02:54 PM, 07 July 2023

Question # 3 of 5 (Start time: 02:55:39 PM, 07 July 2023)

Total Marks: 1

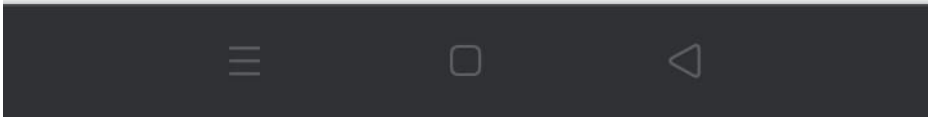
The Local & Global Alignments uses ..... approaches.

Select the correct option

Reload Math Equations

- Dynamic programming
- None of these
- Static & Dynamic programming
- Static programming

Click to Save Answer & Move to Next Question



11:58 AM

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10

BIF401 - Bioinformatics I (Quiz No. 2) Quiz St

Question # 3 of 5 (Start time: 11:58:36 AM, 07 July 2023)

Multiple Sequence Alignment (MSA) can extract ..... sequences from aligned sequences.

Select the correct option

- Consensus
- Un-known
- Un-Aligned
- Aligned

BIF401 - Bioinformatics I (Quiz No. 2) Quiz Start Time: 11:51 AM, 07 July 2023

Question # 2 of 5 (Start time: 11:52:58 AM, 07 July 2023) Total Marks: 1

Which one of the following isn't a BLAST variant?

Select the correct option

Reload Math Equations

- BLASTP
- TBLASTNX
- BLASTX
- BLASTN

Click to Save Answer & Move to Next Question

11:33

Quiz
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BC220410450: HUMA TAHIR

Time Left 88 sec(s)

BIF401 - Bioinformatics I (Quiz No. 2)

Quiz Start Time: 11:29 AM, 07 July 2023

Question # 5 of 5 (Start time: 11:33:13 AM, 07 July 2023)

Total Marks: 1

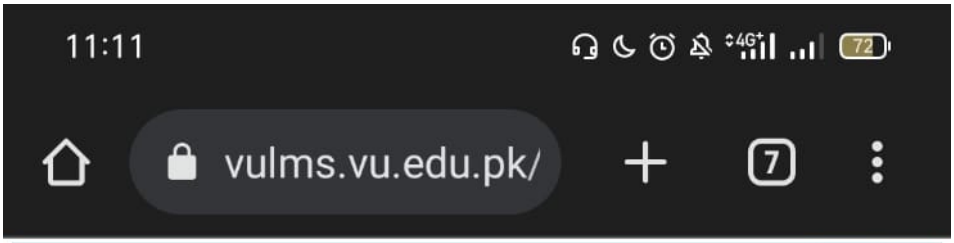
..... compares protein sequence against protein databases.

Select the correct option

Reload Math Equations

- blastn
- tblastx
- blastx
- blastp

Click to Save Answer & Move to Next Question



BC220209540: LAIBA

Time Left 90 sec(s)

BIF401 - Bioinformatics I (Quiz No. 2)

Quiz Start Time: 11:08 AM, 07 July 2023

Question # 5 of 5 (Start time: 11:11:23 AM, 07 July 2023)

Total Marks: 1

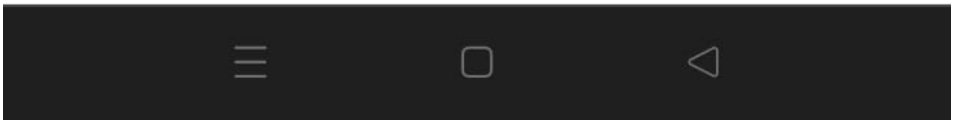
What happen when we processed so many progressive alignment in single alignment process?

Select the correct option

Reload Math Equations

- Alignment becomes fast
- None of these
- No effect on process speed
- Alignment becomes slow

Click to Save Answer & Move to Next Question



11:31 10 K/s 83

Quiz
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BC220410450: HUMA TAHIR

Time Left 86 sec(s)

BIF401 - Bioinformatics I (Quiz No. 2)

Quiz Start Time: 11:29 AM, 07 July 2023

Question # 3 of 5 (Start time: 11:31:44 AM, 07 July 2023)

Total Marks: 1

Which one of the following statments does not apply to BLAST Algorithm?

Select the correct option

Reload Math Equations

- It stands for Basic Local Alignment Search Tool
- Even if no word/base are similar, there is an alignment to be considered
- It is one of the tools of NCBI
- It uses word matching like FASTA algorithm

Click to Save Answer & Move to Next Question

11:31

4G 66 B/s 84

Quiz
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BC220410450: HUMA TAHIR

Time Left 86 sec(s)

BIF401 - Bioinformatics I (Quiz No. 2)

Quiz Start Time: 11:29 AM, 07 July 2023

Question # 2 of 5 (Start time: 11:31:07 AM, 07 July 2023)

Total Marks: 1

Fastm35 compares ..... to a protein sequence database.

Select the correct option

Reload Math Equations

- Proteins
- ordered peptides
- un-ordered peptides
- DNA

Click to Save Answer & Move to Next Question

BIF401 - Bioinformatics I (Quiz No. 2)

Question # 1 of 5 (Start time: 12:37:36 PM, 07 July 2023)

The expansion of BLAST is,

Select the correct option

- ○ Beginners Local Alignment Search Tool
- ○ Basic Local Alignment Search Tool
- ○ Bioinformatics Logical Alignment Search Tool
- ○ Basic Logical Alignment Search Tool

Question # 2 of 5 (Start time: 12:38:56 PM, 07 July 2023)

Fasty35 compares ..... sequence to a ..... sequence database.

Select the correct option

- ○ Protein, Protein
- ○ DNA, DNA
- ○ Protein, DNA
- ◉ DNA, Protein