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Clustal Omega

Multiple Sequence Alignment (MSA)

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clustalo-I20250718-071858-0531-77858551-p1m   **Copy**

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Tool output

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CLUSTAL O(1.2.4) multiple sequence alignment


3I40_1|Chain       --GIVEQCCTSICSLYQLENYCN----------      21
1ZNI_1|Chains      --GIVEQCCTSICSLYQLENYCN----------      21
4INS_1|Chains      --GIVEQCCTSICSLYQLENYCN----------      21
4E7U_1|Chain       --GIVEQCCASVCSLYQLENYCN----------      21
5JYQ_1|Chain       --GVVEHCCHRPCSNAEFKKYC-----------      20
3I40_2|Chain       --FVNQHLCGSHLVEAL-YLVCGERGFFYTPKA      30
4E7U_2|Chains      --FVNQHLCGSHLVEAL-YLVCGERGFFYTPKA      30
1ZNI_2|Chains      --FVNQHLCGSHLVEAL-YLVCGERGFFYTPKA      30
4INS_2|Chains      --FVNQHLCGSHLVEAL-YLVCGERGFFYTPKA      30
5JYQ_2|Chain       TFDTPKHRCGSEITNSY-MDLCYR---------      23
                     :: *              *
```

Alignment with colours

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```
CLUSTAL O(1.2.4) multiple sequence alignment


3I40_1|Chain      --GIVEQCCTSICSLYQLENYCN----------   21
1ZNI_1|Chains     --GIVEQCCTSICSLYQLENYCN----------   21
4INS_1|Chains     --GIVEQCCTSICSLYQLENYCN----------   21
4E7U_1|Chains     --GIVEQCCASVCSLYQLENYCN----------   21
5JYQ_1|Chain      --GVVEHCCHRPCSNAEFKKYC-----------   20
3I40_2|Chain      --FVNQHLCGSHLVEAL-YLVCGERGFFYTPKA   30
4E7U_2|Chains     --FVNQHLCGSHLVEAL-YLVCGERGFFYTPKA   30
1ZNI_2|Chains     --FVNQHLCGSHLVEAL-YLVCGERGFFYTPKA   30
4INS_2|Chains     --FVNQHLCGSHLVEAL-YLVCGERGFFYTPKA   30
5JYQ_2|Chain      TFDTPKHRCGSEITNSY-MDLCYR---------   23
                    :: *              *
```

If you use this service, please consider citing the following publication: The EMBL-EBI Job Dispatcher sequence analysis tools framework in 2024. More information about this bioinformatics application can be found in its bio.tools record.

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