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Muscle

Multiple Sequence Alignment (MSA)

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Results for Job ID

muscle-I20250718-071908-0115-39479710-p1m

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Tool output

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CLUSTAL multiple sequence alignment by MUSCLE (3.8)

```
5JYQ_2|Chain      TFDTPKHRCGSEITNSYMDLCYR-----
3I40_2|Chain      --FVNQHLCGSHLVEALYLVCGERGF-FYTPKA
4E7U_2|Chains     --FVNQHLCGSHLVEALYLVCGERGF-FYTPKA
1ZNI_2|Chains     --FVNQHLCGSHLVEALYLVCGERGF-FYTPKA
4INS_2|Chains     --FVNQHLCGSHLVEALYLVCGERGF-FYTPKA
3I40_1|Chain      --GIVEQCCTS-----ICSLYQLENYCN--
1ZNI_1|Chains     --GIVEQCCTS-----ICSLYQLENYCN--
4INS_1|Chains     --GIVEQCCTS-----ICSLYQLENYCN--
4E7U_1|Chains     --GIVEQCCAS-----VCSLYQLENYCN--
5JYQ_1|Chain      --GVVEHCCHR-----PCSNAEFKKYC---
                  :: *                *
```

Alignment with colours

[Hide](#)

CLUSTAL multiple sequence alignment by MUSCLE (3.8)

```

5JYQ_2|Chain      TFDTPKHRCGSEITNSYMDLCYR-----
3I40_2|Chain      --FVNQHLCGSHLVEALYLVCGERGF-FYTPKA
4E7U_2|Chains     --FVNQHLCGSHLVEALYLVCGERGF-FYTPKA
1ZNI_2|Chains     --FVNQHLCGSHLVEALYLVCGERGF-FYTPKA
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3I40_1|Chain      --GIVEQCCTS-----ICSLYQLENYCN--
1ZNI_1|Chains     --GIVEQCCTS-----ICSLYQLENYCN--
4INS_1|Chains     --GIVEQCCTS-----ICSLYQLENYCN--
4E7U_1|Chains     --GIVEQCCAS-----VCSLYQLENYCN--
5JYQ_1|Chain      --GVVEHCCHP-----PCNAEFKKYC---
                  :: *                *

```

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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