

# 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---

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## Alignment with colours

**Hide**

## CLUSTAL multiple sequence alignment by MUSCLE (3.8)

5JYQ_2 Chain	TFDTPKHR <ins>CGSEITNSYM</ins> DLCYR-----
3I40_2 Chain	--FVNQHLCGSH <ins>LVEALYLVCGERGF</ins> -FYTPKA
4E7U_2 Chains	--FVNQHLCGSH <ins>LVEALYLVCGERGF</ins> -FYTPKA
1ZNI_2 Chains	--FVNQHLCGSH <ins>LVEALYLVCGERGF</ins> -FYTPKA
4INS_2 Chains	--FVNQHLCGSH <ins>LVEALYLVCGERGF</ins> -FYTPKA
3I40_1 Chain	--GIVEQCCTS----- <ins>I</ins> CSLYQLEN <ins>YC</ins> N--
1ZNI_1 Chains	--GIVEQCCTS----- <ins>I</ins> CSLYQLEN <ins>YC</ins> N--
4INS_1 Chains	--GIVEQCCTS----- <ins>I</ins> CSLYQLEN <ins>YC</ins> N--
4E7U_1 Chains	--GIVEQC <ins>CAS</ins> ----- <ins>V</ins> CSLYQLEN <ins>YC</ins> N--
5JYQ_1 Chain	--GVVEHCCHR----- <ins>P</ins> CSNAEFKK <ins>YC</ins> ---

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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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