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Muscle

Multiple Sequence Alignment (MSA)

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We need your help! Has Job Dispatcher saved you time or effort? Please take 15 minutes to fill in a survey and help EMBL-EBI make the case for why open data resources are critical to life science research. 
Survey link: [https://www.surveymonkey.com/r/QGFMBH8?channel=\[webpage\]](https://www.surveymonkey.com/r/QGFMBH8?channel=[webpage])

Results for Job ID

muscle-I20250718-071908-0115-39479710-p1m

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Tool Output

[Alignments](#)

Phylogenetic Tree

Results Viewers

Result Files

Submission

Nightingale

COLOR SCHEME

clustal2 ✓

LEGEND

A	R	N	D	C	Q	E	G	H	I	L	K	M	F	P	S	T	W	Y	V	B	X	Z
■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

10 sequences



5JYQ_2|CHAIN

T	F	D	T	P	K	H	R	C	G	S	E	I	T	N	S	Y	M	D	L	C	Y	R	-	-	-
-	-	F	V	N	Q	H	L	C	G	S	H	L	V	E	A	L	Y	L	V	C	G	E	R	G	F
-	-	F	V	N	Q	H	L	C	G	S	H	L	V	E	A	L	Y	L	V	C	G	E	R	G	F
-	-	F	V	N	Q	H	L	C	G	S	H	L	V	E	A	L	Y	L	V	C	G	E	R	G	F
-	-	F	V	N	Q	H	L	C	G	S	H	L	V	E	A	L	Y	L	V	C	G	E	R	G	F
-	-	G	I	V	E	Q	C	C	T	S	-	-	-	-	-	-	-	-	I	C	S	L	Y	Q	L
-	-	G	I	V	E	Q	C	C	T	S	-	-	-	-	-	-	-	-	I	C	S	L	Y	Q	L
-	-	G	I	V	E	Q	C	C	T	S	-	-	-	-	-	-	-	-	I	C	S	L	Y	Q	L
-	-	G	I	V	E	Q	C	C	A	S	-	-	-	-	-	-	-	-	V	C	S	L	Y	Q	L
-	-	G	V	V	F	H	C	C	H	R	-	-	-	-	-	-	-	-	P	C	S	N	A	F	L

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.

Please read the provided [Help & Privacy](#) before seeking help from our support staff. If you have any feedback or experienced any issues please let us know via [EMBL-EBI Support](#). Read our [Privacy](#)