

CLUSTAL O(1.2.4) multiple sequence alignment

```
B6JMZ5|MURG_HELP2      MKFALTGGGTGGHLSIAKALAIELEKQGEIAIYLGSTYGQDKEFENSPLFSERYFFNTQ      60
Q9ZK59|MURG_HELPJ      MKFALTGGGTGGHLSIAKALAIELEKQGEIAIYLGSTYGQDKEFENSPLFSERYFFNTQ      60
O25770|MURG_HELPY      MKFALTGGGTGGHLSIAKALAIELEKQGEIAIYLGSTYGQDKEFENSPLFSERYFFNTQ      60
Q1CSB1|MURG_HELPH      MKFALTGGGTGGHLSIAKALAIELEKQGEIAIYLGSTYGQDKEFENSPLFSERYFFNTQ      60
B5Z8F1|MURG_HELPG      MKFALTGGGTGGHLSIAKALAIELEKQGEIAIYLGSTYGQDREWFENSPLFSERYFFNTQ      60
B2UUR4|MURG_HELP5      MKFALTGGGTGGHLSIAKALAIELEKQGEIAIYLGSTYGQDKEFENSPLFSERYFFNTQ      60
*****

B6JMZ5|MURG_HELP2      GVVNKSFFFKINSLFLQKAAFKAKEILKKHQITHTISVGGFSAGPASFASLLNHIPLYI      120
Q9ZK59|MURG_HELPJ      GVVNKSFFFKIRSLFLQKAAFKAKEILKKHQITHTISVGGFSAGPASFASLLNKIPLYI      120
O25770|MURG_HELPY      GVVNKSFFFKIGSLFLQKAAFKAKEILKKHQITHTISVGGFSAGPASFASLLNKIPLYI      120
Q1CSB1|MURG_HELPH      GVVNKSFFFKIGSLFLQKAAFKAKEILKKHQITHTISVGGFSAGPASFASLLNKIPLYI      120
B5Z8F1|MURG_HELPG      GVVNKSFFFKIGSLFLQKAAFKAKEILKNHQITHTISVGGFSAGPASFASLLNKIPLYI      120
B2UUR4|MURG_HELP5      GVVNKSFFFKIGSLFLQKAAFKAKEILKKHQITHTISVGGFSAGPASFASLLNKIPLYI      120
*****

B6JMZ5|MURG_HELP2      HEQNAIKGSLNRYLSPKAKAVSSYAFKDKGNHVLTSYPVQNAFFDYARTRAEIKHILFL      180
Q9ZK59|MURG_HELPJ      HEQNAIKGSLNRYLSPKAKAVSSYAFKDKGNHVLTSYPVQNAFFDHARTRTEIKHILFL      180
O25770|MURG_HELPY      HEQNAIKGSLNRYLSPKAKAVSSYAFKDKGNHVLTSYPVQNAFFDFARTRTEIKHILFL      180
Q1CSB1|MURG_HELPH      HEQNAIKGSLNRYLSPKAKAVSSYAFKDKGNHVLTSYPVQNAFFDFARTRTEIKHILFL      180
B5Z8F1|MURG_HELPG      HEQNAIKGSLNRYLSPKAKAVSSYAFKDKGNHVLTSYPVQNAFFDCARTRTEIKHILFL      180
B2UUR4|MURG_HELP5      HEQNAIKGSLNRYLSPKAKAVSSYAFKDKGNHVLTSYPVQNAFFDFARTRTEIKHILFL      180
*****

B6JMZ5|MURG_HELP2      GGSQGAKAINEFALLNAPKLTKQGIKITHICGSDAHEKMRFFYQELGLLDKIELFAFHNN      240
Q9ZK59|MURG_HELPJ      GGSQGAKAINEFALLNAPKLTKQGIKITHICGPNSYEQVRRFFYQELGLLDKIELFAFHNN      240
O25770|MURG_HELPY      GGSQGAKAINEFALLNAPKLTKQGIKITHICGPNSYEQVRRFFYQELGLLDKIELFAFHNN      240
Q1CSB1|MURG_HELPH      GGSQGAKAINEFALLNAPKLTKQGIKITHICGPNSYEQVRRFFYQELGLLDKIELFAFHNN      240
B5Z8F1|MURG_HELPG      GGSQGAKAINEFALLNAPKLTKQGIKITHICGSAHERMRFFYQELGLLDKVELFAFHNN      240
B2UUR4|MURG_HELP5      GGSQGAKAINEFALLNAPKLTKQGIKITHICGSDAHERMRFFYQELGLLDKVELFAFHNN      240
*****

B6JMZ5|MURG_HELP2      IIEVMRRADLCVSRAGASSVWELCANGLPTIFIPYPFASNNHQYYNVLEFEKENLCYVVP      300
Q9ZK59|MURG_HELPJ      IIEVMHRADLCVSRAGASSVWELCANGLPTIFIPYPFASNNHQYYNVLEFEKENLCYVVP      300
O25770|MURG_HELPY      IIEIMHRADLCVSRAGASSVWELCANGLPTIFIPYPFASNNHQYYNVLEFEKENLCYVVP      300
Q1CSB1|MURG_HELPH      IIEVMHRADLCVSRAGASSVWELCANGLPTIFIPYPFASNNHQYYNVLEFEKENLCYVAP      300
B5Z8F1|MURG_HELPG      IIEVMHRADLCVSRAGASSVWELCANGLPTIFIPYPFASNNHQYYNVLEFEKENLCYVVP      300
B2UUR4|MURG_HELP5      IIEVMHRADLCVSRAGASSVWELCANGLPTIFIPYPFASNNHQYYNVLEFEKENLCYVVP      300
* * : : *****

B6JMZ5|MURG_HELP2      QNELLPKKLFEVIRKLNQKDDQGNKNLTTISAKLQKIAKDGAKTIIETILSA      353
Q9ZK59|MURG_HELPJ      QNELLPKKLFEVIRKLNQKDDQGNKNLTTISAKLQKIAKDGAKTIIETILSA      353
O25770|MURG_HELPY      QNELLPKKLFEVIRKLNQKDDQGNKNLTTISNQLQKIAKDGAKTIIETILSA      353
Q1CSB1|MURG_HELPH      QNELLPKKLFEVIRKLNQKDDQGNKNLTAISNQLQKIAKDGAKTIIETILSA      353
B5Z8F1|MURG_HELPG      QNELLPKKLFEVIRKLNQKDDQGNKNLTTISTKLQKIAKDGAKTIIETILNA      353
B2UUR4|MURG_HELP5      QNELLPKKLFEVIRKLNQKDDQGNKNLTTISNQLQKIAKDGAKTIIETILSA      353
*****
```