

CLUSTAL O(1.2.4) multiple sequence alignment

```

B0VNZ9|MURG_ACIBS      MTDSQQSKPKHVMMAAGTGGHVFPALAVAKQLQQQGCQVSWLATPIGMENRLLKDQNIP      60
A3M9Y1|MURG_ACIBT      MTDSQQSKPKHVMMAAGTGGHVFPALAVAKQLQQQGCQVSWLATPTGMENRLLKDQNIP      60
B7GV73|MURG_ACIB3      MTDSQQSKPKHVMMAAGTGGHVFPALAVAKQLQQQGCQVSWLATPTGMENRLLKDQNIP      60
B2I1J5|MURG_ACIBC      MTDSQQSKPKHVMMAAGTGGHVFPALAVAKQLQQQGCQVSWLATPTGMENRLLKDQNIP      60
*****

B0VNZ9|MURG_ACIBS      IYQIDIQGV RNGVIRKLAAPFKILKATFSAMRYMKQLKVDVAVAGFGGYVAGPGLAARL      120
A3M9Y1|MURG_ACIBT      IYQIDIQGV RNGVIRKLAAPFKILKATFSAMRYMKQLKVDVAVAGFGGYVAGPGLAARL      120
B7GV73|MURG_ACIB3      IYQIDIQGV RNGVIRKLAAPFKILKATFSAMRYMKQLKVDVAVAGFGGYVAGPGLAARL      120
B2I1J5|MURG_ACIBC      IYQIDIQGV RNGVIRKLAAPFKILKATFSAMRYMKQLKVDVAVAGFGGYVAGPGLAARL      120
*****

B0VNZ9|MURG_ACIBS      LGIPVLIHEQNAVAGFTNAQLSRVAKVVCEAFPNTFPASEKVVTTGNPVRREITDILSPK      180
A3M9Y1|MURG_ACIBT      LGIPVLIHEQNAVAGFTNAQLSRVAKVVCEAFPNTFPASEKVVTTGNPVRREITDILSPK      180
B7GV73|MURG_ACIB3      LGIPVLIHEQNAVAGFTNAQLSRVAKVVCEAFPNTFPASEKVVTTGNPVRREITDILSPK      180
B2I1J5|MURG_ACIBC      LGIPVLIHEQNAVAGFTNAQLSRVAKVVCEAFPNTFPASEKVVTTGNPVRREITDILSPK      180
*****

B0VNZ9|MURG_ACIBS      WRYDEREQAGKPLNILIVGSSLGAKALNERLPPALKQLQVPLNIFHCQQQVEATQALY      240
A3M9Y1|MURG_ACIBT      WRYDEREQADKPLNILIVGSSLGAKALNERLPPALKQLEVLNIFHCQQQVEATQALY      240
B7GV73|MURG_ACIB3      WRYDEREQAGKPLNILIVGSSLGAKALNERLPPALKQLEVLNIFHCQQQVEATQALY      240
B2I1J5|MURG_ACIBC      WRYDEREQAGKLLNILIVGSSLGAKALNERLPPALKQLEVLNIFHCQQQVEATQALY      240
*****

B0VNZ9|MURG_ACIBS      ADAPANLTVQVLPFIEDMAKAYSEADLIICRAGALTVTEVATAGVAAVFVPLPIAVDDHQ      300
A3M9Y1|MURG_ACIBT      ADAPANLTIQVLPFIEDMAKAYSEADLIICRAGALTVTEVATAGVAAVFVPLPIAVDDHQ      300
B7GV73|MURG_ACIB3      ADAPANLTVQVLPFIEDMAKAYSEADLIICRAGALTVTEVATAGVAAVFVPLPIAVDDHQ      300
B2I1J5|MURG_ACIBC      ADAPANLTVQVLPFIEDMAKAYSEADLIICRAGALTVTEVATAGVAAVFVPLPIAVDDHQ      300
*****

B0VNZ9|MURG_ACIBS      TANAKFLADVGAAKICQQSTMTPEVLNQLFTTLMNRQLLTEMVAVKARQHAQP NATQHVVG      360
A3M9Y1|MURG_ACIBT      TANAKFLADIGAAKICQQSTMTPEVLNQLFTTLMNRQLLTEMVAVKARQHAQP NATQHVVV      360
B7GV73|MURG_ACIB3      TANAKFLADVGAAKICQQSTMTPEVLNQLFTTLMNRQLLTEMVAVKARQHAQP NATQHVVV      360
B2I1J5|MURG_ACIBC      TANAKFLADVGAAKICQQSTMTPEVLNQLFTTLMNRQLLTEMVAVKARQHAQP NATQHVVV      360
*****

B0VNZ9|MURG_ACIBS      LIQKM      365
A3M9Y1|MURG_ACIBT      LIQKM      365
B7GV73|MURG_ACIB3      LIQKM      365
B2I1J5|MURG_ACIBC      LIQKM      365
*****

```