logo

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NTDB id 96770 CTR2 RS00515 WP 012836620.1  MAKEKTTFTCNACGGTSPRWLGKCPGCGAWNTLVETVADSASGGKNRLSQPQGYAGLANAQPVTPLSAIEAQDVARTPSGIEELD  85
NTDB id 125 BSU 00870 NP 387968.1          MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRR.AAFS...HSVQTVQKPSPITSIETSEEPRVKTQLGEFN  81
NTDB id 279 KZH43 RS00140 WP 074017595.1   MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR.VSLT...GE...KTKPMKLAEVTSINVNRTKTEMEEFN  78
NTDB id 238 SPD RS00140 WP 074017595.1     MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR.VSLT...GE...KTKPMKLAEVTSINVNRTKTEMEEFN  78
NTDB id 204 SPR RS00140 WP 074017595.1     MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR.VSLT...GE...KTKPMKLAEVTSINVNRTKTEMEEFN  78
NTDB id 169 SP RS00155 WP 074017595.1      MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR.VSLT...GE...KTKPMKLAEVTSINVNRTKTEMEEFN  78
NTDB id 537 SMSK321 RS07120 WP 080550752.1 MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR.VSLT...GE...KTKPMKLAEVTSINVNRTKTEMEEFN  78
NTDB id 509 SM12261 RS00130 WP 078228442.1 MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR.VSLT...GE...KTKPMKLAEVTSINVNRTKTEMEEFN  78
consensus                                  !!!*!**!*!**!!**!!***!*!!*!!*!***!!**********  ****   **   ****************!******!**
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logo

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NTDB id 96770 CTR2 RS00515 WP 012836620.1  RVLGGGVVEGGVVLIGGDPGIGKSTLLLQAMDALHRIGLPTLYVTGEESGAQVALRSRRLGLDNSQVNVLAEIQLEKILATVEAT  170
NTDB id 125 BSU 00870 NP 387968.1          RVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDMEYISSAIQEM  166
NTDB id 279 KZH43 RS00140 WP 074017595.1   RVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERI  162
NTDB id 238 SPD RS00140 WP 074017595.1     RVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERI  162
NTDB id 204 SPR RS00140 WP 074017595.1     RVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERI  162
NTDB id 169 SP RS00155 WP 074017595.1      RVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERI  162
NTDB id 537 SMSK321 RS07120 WP 080550752.1 RVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERI  162
NTDB id 509 SM12261 RS00130 WP 078228442.1 RVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRTEVERI  162
consensus                                  !!!!!!!!!*!**!!!!!!!!!!!!!!!!!!!!****!***  ***!!**!!!!**!**!!**!!!***********!**********
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logo

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NTDB id 96770 CTR2 RS00515 WP 012836620.1  QPAVVVIDSIQTVYSDQLSSAPGSVAQVRECAAHLTRAAKTTGITIILVGHVTKDGALAGPRVLEHMVDTVLYFEGDTHSNFRLV  255
NTDB id 125 BSU 00870 NP 387968.1          NPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTVLYFEGERHHTFRIL  251
NTDB id 279 KZH43 RS00140 WP 074017595.1   QPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRIL  247
NTDB id 238 SPD RS00140 WP 074017595.1     QPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRIL  247
NTDB id 204 SPR RS00140 WP 074017595.1     QPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRIL  247
NTDB id 169 SP RS00155 WP 074017595.1      QPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRIL  247
NTDB id 537 SMSK321 RS07120 WP 080550752.1 QPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRIL  247
NTDB id 509 SM12261 RS00130 WP 078228442.1 QPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRIL  247
consensus                                  *!*****!!!!!**********!!!*!!!!**!*!***!!!**!*!**!!!!!!*!**!!!!*!!!!!!!!!!!!!**!**!!**
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NTDB id 96770 CTR2 RS00515 WP 012836620.1  RAIKNRFGAVNEIGVFAMTEKGLKGVTNPSAIFLSQHSEPVPGSCVLVTLEGTRPMLVEIQALVDQGG.PAARRLSVGLDRDRLA  339
NTDB id 125 BSU 00870 NP 387968.1          RAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPTSFGNPRRMATGIDHNRVS  336
NTDB id 279 KZH43 RS00140 WP 074017595.1   RAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRAS  332
NTDB id 238 SPD RS00140 WP 074017595.1     RAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRAS  332
NTDB id 204 SPR RS00140 WP 074017595.1     RAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRAS  332
NTDB id 169 SP RS00155 WP 074017595.1      RAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRAS  332
NTDB id 537 SMSK321 RS07120 WP 080550752.1 RAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRAS  332
NTDB id 509 SM12261 RS00130 WP 078228442.1 RAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRAS  332
consensus                                  !!*!!!!!**!!*!*!*!***!!**!*!!!**!!*******!!******!!!!!*!*!*!!!**********!***!*!**!**
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NTDB id 96770 CTR2 RS00515 WP 012836620.1   MLLAVLNRHAGVACADQDVFVNAVGGVRINEPAADLAVMLAITSSLRGKSLPKGFIAFGEVGLAGEVRPAPRGQERLKEAAKLGF   424
NTDB id 125 BSU 00870 NP 387968.1           LLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVGLTGEVRRVSRIEQRVKEAAKLGF   421
NTDB id 279 KZH43 RS00140 WP 074017595.1    LIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGF   417
NTDB id 238 SPD RS00140 WP 074017595.1      LIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGF   417
NTDB id 204 SPR RS00140 WP 074017595.1      LIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGF   417
NTDB id 169 SP RS00155 WP 074017595.1       LIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGF   417
NTDB id 537 SMSK321 RS07120 WP 080550752.1  LIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGF   417
NTDB id 509 SM12261 RS00130 WP 078228442.1  LIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGF   417
consensus                                   ***!!!*****!*****!!******!!!***!!!*!!!****!*!!**********************!!*!!*!!*!***!***!**!!!!!!!!
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NTDB id 96770 CTR2 RS00515 WP 012836620.1   TIAVVPKANAPKKPI.AGLTIHAVERVDEAINIVRGIG   461
NTDB id 125 BSU 00870 NP 387968.1           KRMITPAANLDGWTKPKGIEVIGVANVAEALRTSLGG.   458
NTDB id 279 KZH43 RS00140 WP 074017595.1    TKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA..   453
NTDB id 238 SPD RS00140 WP 074017595.1      TKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA..   453
NTDB id 204 SPR RS00140 WP 074017595.1      TKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA..   453
NTDB id 169 SP RS00155 WP 074017595.1       TKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA..   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1  TKIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA..   453
NTDB id 509 SM12261 RS00130 WP 078228442.1  TKIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA..   453
consensus                                   *****!*********************!****!*******
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X non conserved

X similar

X ≥ 50% conserved