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logo
NTDB id 150658 WX61 RS08990 WP 003690821.1  MAKTLKTLYQCTECGGTSPKWQGKCPHCGEWNTLQESFAAPEPKNARFQSWAA..DASTVQSLSAVTAAEVPRNPTGMGELDRVL   83
NTDB id 125 BSU 00870 NP 387968.1           .MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAAFSHSVQTVQKPSPITSIETSEEPRVKTQLGEFNRVL   84
NTDB id 279 KZH43 RS00140 WP 074017595.1    .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRVL   81
NTDB id 238 SPD RS00140 WP 074017595.1      .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRVL   81
NTDB id 204 SPR RS00140 WP 074017595.1      .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRVL   81
NTDB id 169 SP RS00155 WP 074017595.1       .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRVL   81
NTDB id 537 SMSK321 RS07120 WP 080550752.1  .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRVL   81
NTDB id 509 SM12261 RS00130 WP 078228442.1  .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRVL   81
consensus                                    ****!****!**!!**!!!**!*!!*!!*!****!********!*!******    ****************!**!***!**!!!
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logo
NTDB id 150658 WX61 RS08990 WP 003690821.1  GGGLVDGAVILLGGDPGIGKSTLLLQTIAKMAQS.RKVLYVSGEESAQQVALRSQRLELHAEGVNLLAEIRMEAIQAALKQHQPE  167
NTDB id 125 BSU 00870 NP 387968.1           GGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDMEYISSAIQEMNPS  169
NTDB id 279 KZH43 RS00140 WP 074017595.1    GGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQPD  165
NTDB id 238 SPD RS00140 WP 074017595.1      GGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQPD  165
NTDB id 204 SPR RS00140 WP 074017595.1      GGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQPD  165
NTDB id 169 SP RS00155 WP 074017595.1       GGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQPD  165
NTDB id 537 SMSK321 RS07120 WP 080550752.1  GGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQPD  165
NTDB id 509 SM12261 RS00130 WP 078228442.1  GGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRTEVERIQPD  165
consensus                                   !!!*!*!***!*!!!!!!!!!!!!!!!!******* **!!!*!!!!!**!**!!*!!**********!**!**********!*
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logo
NTDB id 150658 WX61 RS08990 WP 003690821.1  VVVIDSIQTMYSDQITSAPGSVSQVRECAAQLTRMAKQMGIAMILVGHVTKDGAIAGPRVLEHMVDTVLYFEGDQHSNYRMIRAI  252
NTDB id 125 BSU 00870 NP 387968.1           FVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTVLYFEGERHHTFRILRAV  254
NTDB id 279 KZH43 RS00140 WP 074017595.1    FLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRAV  250
NTDB id 238 SPD RS00140 WP 074017595.1      FLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRAV  250
NTDB id 204 SPR RS00140 WP 074017595.1      FLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRAV  250
NTDB id 169 SP RS00155 WP 074017595.1       FLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRAV  250
NTDB id 537 SMSK321 RS07120 WP 080550752.1  FLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRAV  250
NTDB id 509 SM12261 RS00130 WP 078228442.1  FLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRAV  250
consensus                                   ****!!!!!*****!****!!!!!!!!**!*!***!!***!****!!!!!!*!**!!!!*!!!!!!!!!!!!!**!***!**!!*
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logo
NTDB id 150658 WX61 RS08990 WP 003690821.1  KNRFGAANELGVFAMTENGLKGVSNPSAIFLASYRDDTPGSCVLVTQEGSRPLLVEIQALVDDAHGFTPKRLSVGLEQNRLAMLL  337
NTDB id 125 BSU 00870 NP 387968.1           KNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPTSFGNPRRMATGIDHNRVSLLM  339
NTDB id 279 KZH43 RS00140 WP 074017595.1    KNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLIM  335
NTDB id 238 SPD RS00140 WP 074017595.1      KNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLIM  335
NTDB id 204 SPR RS00140 WP 074017595.1      KNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLIM  335
NTDB id 169 SP RS00155 WP 074017595.1       KNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLIM  335
NTDB id 537 SMSK321 RS07120 WP 080550752.1  KNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLIM  335
NTDB id 509 SM12261 RS00130 WP 078228442.1  KNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLIM  335
consensus                                   !!!!!**!!*!*!*!***!!**!*!!!**!!********!!******!!*!!*!*!*!!!*********!***!***!!*****
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logo
NTDB id 150658 WX61 RS08990 WP 003690821.1  AVLNRHGGIACFDQDVFLNAVGGVKIGEPAADLAVILAMLSSFRNRPMPEKTVVFGEIGLSGEVRPVARGQERLKEAEKLGFKRA   422
NTDB id 125 BSU 00870 NP 387968.1           AVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVGLTGEVRRVSRIEQRVKEAAKLGFKRM   424
NTDB id 279 KZH43 RS00140 WP 074017595.1    AVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKI   420
NTDB id 238 SPD RS00140 WP 074017595.1      AVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKI   420
NTDB id 204 SPR RS00140 WP 074017595.1      AVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKI   420
NTDB id 169 SP RS00155 WP 074017595.1       AVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKI   420
NTDB id 537 SMSK321 RS07120 WP 080550752.1 AVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKI   420
NTDB id 509 SM12261 RS00130 WP 078228442.1 AVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKI   420
consensus                                   !!!****!*****!!**!**!!!!**!!!*!!!******!!****!*******!!*!!*!!*!*!*!***!**!!*!!!!***
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logo
NTDB id 150658 WX61 RS08990 WP 003690821.1  IVPKANMPRNAKEFPNLKIHGVSSLQEAIDICRDSRE   459
NTDB id 125 BSU 00870 NP 387968.1           IIPAANLDGWTKP.KGIEVIGVANVAEALRTSLGG..   458
NTDB id 279 KZH43 RS00140 WP 074017595.1    YVPKNSLTGITLP.KEIQVIGVTTIQEVLKKVFA...   453
NTDB id 238 SPD RS00140 WP 074017595.1      YVPKNSLTGITLP.KEIQVIGVTTIQEVLKKVFA...   453
NTDB id 204 SPR RS00140 WP 074017595.1      YVPKNSLTGITLP.KEIQVIGVTTIQEVLKKVFA...   453
NTDB id 169 SP RS00155 WP 074017595.1       YVPKNSLTGITLP.KEIQVIGVTTIQEVLKKVFA...   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1 YVPKNSLTGITPP.MEIQVIGVTTIQEVLKKVFA...   453
NTDB id 509 SM12261 RS00130 WP 078228442.1 YVPKNSLTGITPP.KEIQVIGVTTIQEVLKKVFA...   453
consensus                                   **!******** * ******!!****!*******
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X non conserved

X similar

X ≥50% conserved