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logo
NTDB id 218413 B0D95 RS01515 WP 078042247.1  MSTKTKSAFVCNECGADYKKWQGQCTECGAWNSLSEVRLGPTPTNRAAKFEGYAGGASGNKIQTLAEIALNEVPRFSSGT   80
NTDB id 125 BSU 00870 NP 387968.1            .MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAAFSHSVQT..VQKPSPITSIETSEEPRVKTQL   77
NTDB id 279 KZH43 RS00140 WP 074017595.1     .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE.....KTKPMKLAEVTSINVNRTKTEM   74
NTDB id 238 SPD RS00140 WP 074017595.1       .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE.....KTKPMKLAEVTSINVNRTKTEM   74
NTDB id 204 SPR RS00140 WP 074017595.1       .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE.....KTKPMKLAEVTSINVNRTKTEM   74
NTDB id 169 SP RS00155 WP 074017595.1        .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE.....KTKPMKLAEVTSINVNRTKTEM   74
NTDB id 537 SMSK321 RS07120 WP 080550752.1   .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE.....KTKPMKLAEVTSINVNRTKTEM   74
NTDB id 509 SM12261 RS00130 WP 078228442.1   .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE.....KTKPMKLAEVTSINVNRTKTEM   74
consensus                                     **!*!**!*!**!!****!**!*!**!!*!****!*******!*******     **!*************!*****

logo
NTDB id 218413 B0D95 RS01515 WP 078042247.1  GEFDRVLGGGFVPGSVVLIGGNPGAGKSTLLLQTLCNLART.MPALYITGEESLQQVAMRAQRLGLPTDQLQMLSETSVE  159
NTDB id 125 BSU 00870 NP 387968.1            GEFNRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDME  157
NTDB id 279 KZH43 RS00140 WP 074017595.1     EEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQ  153
NTDB id 238 SPD RS00140 WP 074017595.1       EEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQ  153
NTDB id 204 SPR RS00140 WP 074017595.1       EEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQ  153
NTDB id 169 SP RS00155 WP 074017595.1        EEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQ  153
NTDB id 537 SMSK321 RS07120 WP 080550752.1   EEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQ  153
NTDB id 509 SM12261 RS00130 WP 078228442.1   EEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQ  153
consensus                                    *!!*!!!!!!*!*!!*!!!!!*!!*!!!!!!!!****!***  ***!!**!!!!**!***!!*!!!**********!!***

logo
NTDB id 218413 B0D95 RS01515 WP 078042247.1  AICAIAQKVTPKVMVIDSIQVMHMEDISSAPGSVSQVRESAAYLTRFAKQTGTVLILVGHVTKDGSLAGPKVLEHMIDCS  239
NTDB id 125 BSU 00870 NP 387968.1            YISSAIQEMNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTV  237
NTDB id 279 KZH43 RS00140 WP 074017595.1     SVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTV  233
NTDB id 238 SPD RS00140 WP 074017595.1       SVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTV  233
NTDB id 204 SPR RS00140 WP 074017595.1       SVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTV  233
NTDB id 169 SP RS00155 WP 074017595.1        SVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTV  233
NTDB id 537 SMSK321 RS07120 WP 080550752.1   SVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTV  233
NTDB id 509 SM12261 RS00130 WP 078228442.1   SVRTEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTV  233
consensus                                    **********!*****!!!!******!****!!!!!!!!**!*!***!!*********!!!!!!*!**!!!**!!!!*!**

logo
NTDB id 218413 B0D95 RS01515 WP 078042247.1  ILLEGDNDSRFRTLRGNKNRFGAVNELGVFAMTEQGMREVSNPSAIFLQRAEDAASGSVVMVMWEGTRPLLIEIQALVDD  319
NTDB id 125 BSU 00870 NP 387968.1            LYFEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISP  317
NTDB id 279 KZH43 RS00140 WP 074017595.1     LYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTP  313
NTDB id 238 SPD RS00140 WP 074017595.1       LYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTP  313
NTDB id 204 SPR RS00140 WP 074017595.1       LYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTP  313
NTDB id 169 SP RS00155 WP 074017595.1        LYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTP  313
NTDB id 537 SMSK321 RS07120 WP 080550752.1   LYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTP  313
NTDB id 509 SM12261 RS00130 WP 078228442.1   LYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTP  313
consensus                                    ***!!*****!!*!!**!!!!!**!!*!*!*!***!**!!*!!!**!!*********!!******!!!!!*!*!*!!!***
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logo

NTDB id 218413 B0D95 RS01515 WP 078042247.1   SHLGNPRRVAVGMDQNRLAMLLAVLHRHGGIMVGDQDVFVNVVGGVKVMETSADLALLLAVVSSFRDRVLPQDLIVFGEV   399
NTDB id 125 BSU 00870 NP 387968.1             TSFGNPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEV   397
NTDB id 279 KZH43 RS00140 WP 074017595.1      TMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGEL   393
NTDB id 238 SPD RS00140 WP 074017595.1        TMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGEL   393
NTDB id 204 SPR RS00140 WP 074017595.1        TMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGEL   393
NTDB id 169 SP RS00155 WP 074017595.1         TMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGEL   393
NTDB id 537 SMSK321 RS07120 WP 080550752.1    TMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGEL   393
NTDB id 509 SM12261 RS00130 WP 078228442.1    TMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGEL   393
consensus                                     ***!!**!***!*!*!!*****!!!****!*****!!******!!!!**!***!!!******!!**!**********!!*

logo

NTDB id 218413 B0D95 RS01515 WP 078042247.1   GLSGEIRPVPSGHERLREAAKHGFKRAIVPFANAPR.DKQLGIEVVAVKNLQEALAAL...   456
NTDB id 125 BSU 00870 NP 387968.1             GLTGEVRRVSRIEQRVKEAAKLGFKRMITPAANLDGWTKPKGIEVIGVANVAEALRTSLGG   458
NTDB id 279 KZH43 RS00140 WP 074017595.1      GLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 238 SPD RS00140 WP 074017595.1        GLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 204 SPR RS00140 WP 074017595.1        GLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 169 SP RS00155 WP 074017595.1         GLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1    GLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA.   453
NTDB id 509 SM12261 RS00130 WP 078228442.1    GLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA.   453
consensus                                     !!*!!*!*!*****!**!!!!*!!*****!********  ***!*!**!****!*!*****
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X non conserved

X similar

X $\geq$ 50% conserved