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logo
NTDB id 188319 BSY15 RS08360 WP 069104417.1   MAKEKTTFTCTECGGTSPRWLGKCPSCGAWNTLIEQVAEAAPGKNRLSAPQGYAGLANVQPVLPLAAIEAQDVARTPSGI   80
NTDB id 125 BSU 00870 NP 387968.1             MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAAFSHS...VQTVQKPSPITSIETSEEPRVKTQL   77
NTDB id 509 SM12261 RS00130 WP 078228442.1    MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE......KTKPMKLAEVTSINVNRTKTEM   74
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
consensus                                     !!!*!**!*!**!!**!!***!*!!*!!*!****!**********!******     ****************!*****

logo
NTDB id 188319 BSY15 RS08360 WP 069104417.1   DELDRVLGGGIVEGGVVLIGGDPGIGKSTLLLQAMDALQRAGLPTLYVTGEESGAQVALRSRRLGIDGSQVQLLAEIQLE   160
NTDB id 125 BSU 00870 NP 387968.1             GEFNRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDME   157
NTDB id 509 SM12261 RS00130 WP 078228442.1    EEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQ   153
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
consensus                                     *!**!!!!!!*!*!**!!!!!!!!!!!!!!!!!!****!***  ***!!**!!!!**!**!!**!!!**********!****

logo
NTDB id 188319 BSY15 RS08360 WP 069104417.1   KILATVEVTQPAVVVIDSIQTTYSDQLTSAPGSVAQVRECAAHLTRMAKGTGIAVILVGHVTKEGALAGPRVLEHMVDTV   240
NTDB id 125 BSU 00870 NP 387968.1             YISSAIQEMNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTV   237
NTDB id 509 SM12261 RS00130 WP 078228442.1    SVRTEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTV   233
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
consensus                                     **********!*****!!!!!**********!!!*!!!!**!*!***!!***!****!!!!!!!!**!!!!*!!!!!!!!

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NTDB id 188319 BSY15 RS08360 WP 069104417.1   LYFEGDTHSQFRLVRAIKNRFGAVNEIGVFAMTEKGLKGVSNPSAIFLSQHSEPVPGSCVMVTLEGTRPLLVEIQALVDT   320
NTDB id 125 BSU 00870 NP 387968.1             LYFEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISP   317
NTDB id 509 SM12261 RS00130 WP 078228442.1    LYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTP   313
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
consensus                                     !!!!!**!**!!**!!*!!!!!**!!*!*!*!***!!**!*!!!**!!********!!******!!!!!*!*!*!!!***
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logo
NTDB id 188319 BSY15 RS08360 WP 069104417.1   G.GPSPRRLSVGLDKDRLAMLLAVLHRHAGVACMDQDVFVNAVGGVRISEPAADLAVMLAITSSLRGKALPRGFLAFGEV   399
NTDB id 125 BSU 00870 NP 387968.1             TSFGNPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEV   397
NTDB id 509 SM12261 RS00130 WP 078228442.1    TMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGEL   393
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
consensus                                     *******!***!*!**!*****!!!****!*****!!******!!!***!!!*!!!****!*!!**************!!*

logo
NTDB id 188319 BSY15 RS08360 WP 069104417.1   GLAGEVRPAPRGQERLKEAAKLGFSVAVVPKANAPKKPI.EGLTIHAVERVDEAMDVVRGM   459
NTDB id 125 BSU 00870 NP 387968.1             GLTGEVRRVSRIEQRVKEAAKLGFKRMITPAANLDGWTKPKGIEVIGVANVAEALRTSLGG   458
NTDB id 509 SM12261 RS00130 WP 078228442.1    GLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA.   453
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 537 SMSK321 RS07120 WP 080550752.1    GLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
consensus                                     !!*!!*!***!***!**!!!!!!!*****!********************!****!*******
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X non conserved

X similar

X $\geq$ 50% conserved