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logo
NTDB id 327140 EG344 RS14670 WP 123857706.1   MAKLKTAYFCQNCGTQYSQWMGQCKNCGQWNTLVEEVIEKPN.SKSVPFSKT...KQHVINIIEVETSEEPRLKTPSEEL   76
NTDB id 125 BSU 00870 NP 387968.1             MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAAFSHSVQTVQKPSPITSIETSEEPRVKTQLGEF   80
NTDB id 279 KZH43 RS00140 WP 074017595.1      MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEF   77
NTDB id 238 SPD RS00140 WP 074017595.1        MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEF   77
NTDB id 204 SPR RS00140 WP 074017595.1        MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEF   77
NTDB id 169 SP RS00155 WP 074017595.1         MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEF   77
NTDB id 537 SMSK321 RS07120 WP 080550752.1    MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEF   77
NTDB id 509 SM12261 RS00130 WP 078228442.1    MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEF   77
consensus                                     !!!*!****!!*!!*******!*!**!!*!***!!!*****************   ****************!*!!***!*

logo
NTDB id 327140 EG344 RS14670 WP 123857706.1   NRVLGGGIVLGSVTLIGGEPGIGKSTLLLQLALKMK...KKIFYVSGEESASQIKMRADRLTDIQNPNCFLETETSLEKI   153
NTDB id 125 BSU 00870 NP 387968.1             NRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGIN.NPSLHVLSETDMEYI   159
NTDB id 279 KZH43 RS00140 WP 074017595.1      NRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDI.DSEFYLYAETNMQSV   155
NTDB id 238 SPD RS00140 WP 074017595.1        NRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDI.DSEFYLYAETNMQSV   155
NTDB id 204 SPR RS00140 WP 074017595.1        NRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDI.DSEFYLYAETNMQSV   155
NTDB id 169 SP RS00155 WP 074017595.1         NRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDI.DSEFYLYAETNMQSV   155
NTDB id 537 SMSK321 RS07120 WP 080550752.1    NRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDI.DSEFYLYAETNMQSV   155
NTDB id 509 SM12261 RS00130 WP 078228442.1    NRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDI.DSEFYLYAETNMQSV   155
consensus                                     !!!!!!!*!*!!**!!!!*!!!!!!!!!!!*******  ****!*!!!!!**!*!*!!*!!***  ********!!*****

logo
NTDB id 327140 EG344 RS14670 WP 123857706.1   LHEAKKLEPDFMIIDSIQTLQSQLIESSPGTIVSQIRECSNEIIKYAKENSIPVFLVGHITKDGQIAGPKVLEHMVDVVLN   233
NTDB id 125 BSU 00870 NP 387968.1             SSAIQEMNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTVLY   239
NTDB id 279 KZH43 RS00140 WP 074017595.1      RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY   235
NTDB id 238 SPD RS00140 WP 074017595.1        RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY   235
NTDB id 204 SPR RS00140 WP 074017595.1        RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY   235
NTDB id 169 SP RS00155 WP 074017595.1         RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY   235
NTDB id 537 SMSK321 RS07120 WP 080550752.1    RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY   235
NTDB id 509 SM12261 RS00130 WP 078228442.1    RTEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY   235
consensus                                     *******!*!***!!!!!*****!****!*!!!*!!***!****!!***!**!*!!!*!!*!**!!!**!!!!!!*!!*

logo
NTDB id 327140 EG344 RS14670 WP 123857706.1   FDGDRNHLFRLLRANKNRFGSTSEIGIYEMISQGLKEIKNPSEILITKKFEELSGNSVAVTLEGNRPMLLEIQALVSTAV   313
NTDB id 125 BSU 00870 NP 387968.1             FEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPTS   319
NTDB id 279 KZH43 RS00140 WP 074017595.1      FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM   315
NTDB id 238 SPD RS00140 WP 074017595.1        FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM   315
NTDB id 204 SPR RS00140 WP 074017595.1        FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM   315
NTDB id 169 SP RS00155 WP 074017595.1         FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM   315
NTDB id 537 SMSK321 RS07120 WP 080550752.1    FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM   315
NTDB id 509 SM12261 RS00130 WP 078228442.1    FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM   315
consensus                                     !*!*!*!*!!*!!!*!!!!!!!*!*!!*!!***!!*!**!!!**********!*!*****!!*!!*!*!*!!!*****
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logo

NTDB id 327140 EG344 RS14670 WP 123857706.1   YGTPQRSCTGFDSKRLNMLLAVLEKRAGFQLGAKDVFLNITGGIKTDDPALDLAVIASVLSSNEDIAISEHYCFAGEIGL   393
NTDB id 125 BSU 00870 NP 387968.1             FGNPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVGL   399
NTDB id 279 KZH43 RS00140 WP 074017595.1      FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL   395
NTDB id 238 SPD RS00140 WP 074017595.1        FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL   395
NTDB id 204 SPR RS00140 WP 074017595.1        FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL   395
NTDB id 169 SP RS00155 WP 074017595.1         FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL   395
NTDB id 537 SMSK321 RS07120 WP 080550752.1    FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL   395
NTDB id 509 SM12261 RS00130 WP 078228442.1    FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL   395
consensus                                     *!***!**!!*!**!*****!!!!!!*!**!***!**!**!!*!*!*!!*!!!******!!**!*******!!*!!*!!

logo

NTDB id 327140 EG344 RS14670 WP 123857706.1   SGEIRPIAQVEQRITEAEKLGYEKIFVSNLNKIPK.RKFGIKIEEVSKIELFHERLF..   449
NTDB id 125 BSU 00870 NP 387968.1             TGEVRRVSRIEQRVKEAAKLGFKRMIIPAANLDGWTKPKGIEVIGVANVAEALRTSLGG   458
NTDB id 279 KZH43 RS00140 WP 074017595.1      TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 238 SPD RS00140 WP 074017595.1        TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 204 SPR RS00140 WP 074017595.1        TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 169 SP RS00155 WP 074017595.1         TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1    TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA.   453
NTDB id 509 SM12261 RS00130 WP 078228442.1    TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA.   453
consensus                                     *!!*!*****!!!**!!*!!!*************** ***!****!************
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X non conserved

X similar

X ≥ 50% conserved