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logo

NTDB id 125 BSU 00870 NP 387968.1          .MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAAFSHSVQTVQKPSPITSIETSEEPRVKTQLGE   79
NTDB id 1165513 AB3235 RS00775 WP 010782115.1 MAKKSKTQFICQECGYVSPKYLGRCPSCGNWNTMVEEVEPNHPEDRRNRVSLTG.ERATPTKLKDVVFKKETRIQTELAE   79
NTDB id 509 SM12261 RS00130 WP 078228442.1 .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE..VKNARVSLTG.EKTKPMKLAEVTSINVNRTKTEMEE   76
NTDB id 537 SMSK321 RS07120 WP 080550752.1 .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE..VKNARVSLTG.EKTKPMKLAEVTSINVNRTKTEMEE   76
NTDB id 279 KZH43 RS00140 WP 074017595.1 .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE..VKNARVSLTG.EKTKPMKLAEVTSINVNRTKTEMEE   76
NTDB id 238 SPD RS00140 WP 074017595.1 .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE..VKNARVSLTG.EKTKPMKLAEVTSINVNRTKTEMEE   76
NTDB id 204 SPR RS00140 WP 074017595.1 .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE..VKNARVSLTG.EKTKPMKLAEVTSINVNRTKTEMEE   76
NTDB id 169 SP RS00155 WP 074017595.1 .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE..VKNARVSLTG.EKTKPMKLAEVTSINVNRTKTEMEE   76
consensus                                **!*!**!*!!*!!!*!!!**!*!!*!!*!***!!!*****  ******!***  ****!************!**!***!

logo

NTDB id 125 BSU 00870 NP 387968.1          FNRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDMEYI   159
NTDB id 1165513 AB3235 RS00775 WP 010782115.1 LNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSHQLAATGGNVLYVSGEESAQQIKLRAERLGSSDTDFYLYAETDMGEI   159
NTDB id 509 SM12261 RS00130 WP 078228442.1 FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV   155
NTDB id 537 SMSK321 RS07120 WP 080550752.1 FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV   155
NTDB id 279 KZH43 RS00140 WP 074017595.1 FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV   155
NTDB id 238 SPD RS00140 WP 074017595.1 FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV   155
NTDB id 204 SPR RS00140 WP 074017595.1 FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV   155
NTDB id 169 SP RS00155 WP 074017595.1 FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV   155
consensus                                *!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!**  **!!!*!!!!!**!*!!!!*!!!**********!!*!***

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NTDB id 125 BSU 00870 NP 387968.1          SSAIQEMNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTVLY   239
NTDB id 1165513 AB3235 RS00775 WP 010782115.1 SRTIENLKPDYVIIDSIQTMTQPDITSVAGSVSQVRETTAELLKLAKTNGIAIFIVGHVTKEGNIAGPRMLEHMVDTVLY   239
NTDB id 509 SM12261 RS00130 WP 078228442.1 RTEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY   235
NTDB id 537 SMSK321 RS07120 WP 080550752.1 RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY   235
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
consensus                                ********!*****!!!!!*****!****!!!!!!!!*!!!!***!!!**!*!!!!!!!!!!!!**!!!!*!!!!!!!!!!

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NTDB id 125 BSU 00870 NP 387968.1          FEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPTS   319
NTDB id 1165513 AB3235 RS00775 WP 010782115.1 FEGEKHHSFRILRAVKNRFGSTNEIGIFEMRERGLVEVANPSQVFLEERLEGATGSAIVVAMEGSRPILVEVQALVTPTV   319
NTDB id 509 SM12261 RS00130 WP 078228442.1 FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM   315
NTDB id 537 SMSK321 RS07120 WP 080550752.1 FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM   315
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
consensus                                !!!!*!!*!!!!!!!!!!!!!!!!!!*!!!!!***!!*!!*!!!**!!!!!**!**!!*!***!!!*!!!!*!*!!!**!!*
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NTDB id 125 BSU 00870 NP 387968.1                FGNPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVGL   399
NTDB id 1165513 AB3235 RS00775 WP 010782115.1    FGNAKRTTTGLDFNRVSLIMAVLEKRAGLLLQNQDAYLKAAGGVKLNEPAIDLAVAIAIASSYKENGTEATECFIGEIGL   399
NTDB id 509 SM12261 RS00130 WP 078228442.1       FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL   395
NTDB id 537 SMSK321 RS07120 WP 080550752.1       FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL   395
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
consensus                                        !!!**!**!!*!*!!*!!*!!!!!!!*!!!!!!!!!!!!!*!!!!!!*!!!!!!!****!!!!*********!!*!!*!!
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NTDB id 125 BSU 00870 NP 387968.1                TGEVRRVSRIEQRVKEAAKLGFKRMIIPAANLDGWTKPKGIEVIGVANVAEALRTSLGG   458
NTDB id 1165513 AB3235 RS00775 WP 010782115.1    TGEIRRVNSIEQRVKEAGKLGFKKIYLPKNNMGDWKPPKGIELIPVATLGETLRKVFR.   457
NTDB id 509 SM12261 RS00130 WP 078228442.1       TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1       TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA.   453
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
consensus                                        !!!*!!!**!!!!**!!*!!!!*****!********  !**!**!*!****!*!*****
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X non conserved
X similar
X ≥ 50% conserved