logo

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NTDB id 279 KZH43 RS00140 WP 074017595.1          MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE.....KTKPMKLAEVTSINVNRTKTEME  75
NTDB id 238 SPD RS00140 WP 074017595.1            MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE.....KTKPMKLAEVTSINVNRTKTEME  75
NTDB id 204 SPR RS00140 WP 074017595.1            MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE.....KTKPMKLAEVTSINVNRTKTEME  75
NTDB id 169 SP RS00155 WP 074017595.1             MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE.....KTKPMKLAEVTSINVNRTKTEME  75
NTDB id 509 SM12261 RS00130 WP 078228442.1        MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE.....KTKPMKLAEVTSINVNRTKTEME  75
NTDB id 537 SMSK321 RS07120 WP 080550752.1        MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE.....KTKPMKLAEVTSINVNRTKTEME  75
NTDB id 37570 B1NLA3E RS00535 WP 015591931.1      MAKRKTKFMCQECGYESPKWMGKCPGCGEWNKMVEEVEVVGT.GKRGAFTHSQGLAGGSKATPITSIETGTEVRIQTNLK  79
NTDB id 125 BSU 00870 NP 387968.1                 MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAAFSHS..VQTVQKPSPITSIETSEEPRVKTQLG  78
consensus                                         !!!*!**!*!!*!!!*!!!**!*!!*!!*!***!!!**********!******     **!*************!**!***
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logo

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NTDB id 279 KZH43 RS00140 WP 074017595.1          EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQS 154
NTDB id 238 SPD RS00140 WP 074017595.1            EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQS 154
NTDB id 204 SPR RS00140 WP 074017595.1            EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQS 154
NTDB id 169 SP RS00155 WP 074017595.1             EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQS 154
NTDB id 509 SM12261 RS00130 WP 078228442.1        EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQS 154
NTDB id 537 SMSK321 RS07120 WP 080550752.1        EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQS 154
NTDB id 37570 B1NLA3E RS00535 WP 015591931.1      ELNRVLGGGIVRGSLVLIGGDPGIGKSTLLLQVSSQLAVQGQSVLYISGEESLRQTKLRAERLGVTSENLLVYAETNLDE 159
NTDB id 125 BSU 00870 NP 387968.1                 EFNRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDMEY 158
consensus                                         !*!!!!!!!!*!*!!!!!!!!!!!!!!!!!!!!!!!!!!*!!*** **!!!*!!!!!!**!*!!!!*!!!********!!**** 
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logo

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NTDB id 279 KZH43 RS00140 WP 074017595.1          VRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVL 234
NTDB id 238 SPD RS00140 WP 074017595.1            VRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVL 234
NTDB id 204 SPR RS00140 WP 074017595.1            VRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVL 234
NTDB id 169 SP RS00155 WP 074017595.1             VRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVL 234
NTDB id 509 SM12261 RS00130 WP 078228442.1        VRTEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVL 234
NTDB id 537 SMSK321 RS07120 WP 080550752.1        VRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVL 234
NTDB id 37570 B1NLA3E RS00535 WP 015591931.1      ISRTIESISPSFVIIDSIQTVFHPDVTSAPGSVSQVRECTSELMRIGKTKGIAVFIVGHVTKEGSIAGPRLLEHMVDTVL 239
NTDB id 125 BSU 00870 NP 387968.1                 ISSAIQEMNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTVL 238
consensus                                         *********!*!***!!!!!**********!!!!!!!!!*!*!!!***!!**!**!!!!!!!!!!**!!!!*!!!!!!!!! 
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NTDB id 279 KZH43 RS00140 WP 074017595.1          YFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPT 314
NTDB id 238 SPD RS00140 WP 074017595.1            YFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPT 314
NTDB id 204 SPR RS00140 WP 074017595.1            YFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPT 314
NTDB id 169 SP RS00155 WP 074017595.1             YFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPT 314
NTDB id 509 SM12261 RS00130 WP 078228442.1        YFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPT 314
NTDB id 537 SMSK321 RS07120 WP 080550752.1        YFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPT 314
NTDB id 37570 B1NLA3E RS00535 WP 015591931.1      YFEGERHHTYRILRAVKNRFGSTNEMGIFEMKEMGLEEVENPSEIFLEERSQGAAGSTVVASMEGTRPVLVEIQALISPT 319
NTDB id 125 BSU 00870 NP 387968.1                 YFEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPT 318
consensus                                         !!!!!!!!!*!!!!!!!!!!!!!!!!!*!!!!!***!!*!!*!!!**!!!!!**!**!!*****!!!!!!*!*!*!!!**!! 
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logo

NTDB id 279 KZH43 RS00140 WP 074017595.1     MFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELG   394
NTDB id 238 SPD RS00140 WP 074017595.1       MFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELG   394
NTDB id 204 SPR RS00140 WP 074017595.1       MFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELG   394
NTDB id 169 SP RS00155 WP 074017595.1        MFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELG   394
NTDB id 509 SM12261 RS00130 WP 078228442.1   MFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELG   394
NTDB id 537 SMSK321 RS07120 WP 080550752.1   MFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELG   394
NTDB id 37570 B1NLA3E RS00535 WP 015591931.1 SFGNPRRMATGIDHNRVSLLMAVLEKRVGMLLQNQDAYLKVAGGVKLDEPAIDLAVAVSIASSFRDSPTRATDCIIGEVG   399
NTDB id 125 BSU 00870 NP 387968.1            SFGNPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVG   398
consensus                                    *!!!!**!**!!*!*!!*!!*!!!!!!!!*!*!!!!!!!!!!!*!!!!!!!!!!!!!!!!****!!!!**!*!*****!**!!*!

logo

NTDB id 279 KZH43 RS00140 WP 074017595.1     LTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 238 SPD RS00140 WP 074017595.1       LTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 204 SPR RS00140 WP 074017595.1       LTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 169 SP RS00155 WP 074017595.1        LTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 509 SM12261 RS00130 WP 078228442.1   LTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1   LTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA.   453
NTDB id 37570 B1NLA3E RS00535 WP 015591931.1 LTGEVRRVSRIEQRVQEAAKLGFERIILPENNLGGWKCPKGIELIGVSSVQQALQATLGK   459
NTDB id 125 BSU 00870 NP 387968.1            LTGEVRRVSRIEQRVKEAAKLGFKRMIIPAANLDGWTKPKGIEVIGVANVAEALRTSLGG   458
consensus                                    !!!!*!!!*!!!!!!**!!!!!!!!*****!***!*!** !**!**!!!*******!*****
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X non conserved

X similar

X ≥ 50% conserved