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logo

NTDB id 1060279 ACF3M1 RS06325 WP 394004738.1  MAKARTAYVCSECGADFNKWQGQCSACGAWDTIAEIVLESAVAAKSPASRRSGWAGKID.APKVMALKDVQQGEDVRVST   79
NTDB id 125 BSU 00870 NP 387968.1              MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKA.....PANRRAAFSHSVQTVQKPSPITSIETSEEPRVKT   75
NTDB id 509 SM12261 RS00130 WP 078228442.1     MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE.....VKNARVSLTGE...KTKPMKLAEVTSINVNRTKT   72
NTDB id 279 KZH43 RS00140 WP 074017595.1       MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE.....VKNARVSLTGE...KTKPMKLAEVTSINVNRTKT   72
NTDB id 238 SPD RS00140 WP 074017595.1         MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE.....VKNARVSLTGE...KTKPMKLAEVTSINVNRTKT   72
NTDB id 204 SPR RS00140 WP 074017595.1         MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE.....VKNARVSLTGE...KTKPMKLAEVTSINVNRTKT   72
NTDB id 169 SP RS00155 WP 074017595.1          MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE.....VKNARVSLTGE...KTKPMKLAEVTSINVNRTKT   72
NTDB id 537 SMSK321 RS07120 WP 080550752.1     MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE.....VKNARVSLTGE...KTKPMKLAEVTSINVNRTKT   72
consensus                                      !!!******!**!!****!**!*!**!!*!****!******     ****!******    **!**************!**!

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NTDB id 1060279 ACF3M1 RS06325 WP 394004738.1  GIGEFDRVLGGGLVEGAVVLVGGDPGIGKSTLLLQALAQMAGT.LPGLYVTGEESLAQVAGRAVRLGLSLDGLHALAETG  158
NTDB id 125 BSU 00870 NP 387968.1              QLGEFNRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETD  155
NTDB id 509 SM12261 RS00130 WP 078228442.1     EMEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETN  151
NTDB id 279 KZH43 RS00140 WP 074017595.1       EMEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETN  151
NTDB id 238 SPD RS00140 WP 074017595.1         EMEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETN  151
NTDB id 204 SPR RS00140 WP 074017595.1         EMEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETN  151
NTDB id 169 SP RS00155 WP 074017595.1          EMEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETN  151
NTDB id 537 SMSK321 RS07120 WP 080550752.1     EMEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETN  151
consensus                                      ***!!*!!!!!!!*!*!**!!*!!!!!!!!!!!!!!!***!**** ***!!**!!!!**!***!!*!!!**********!!*

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NTDB id 1060279 ACF3M1 RS06325 WP 394004738.1  IERILQHASELRPKLIIADSIQTLWIESLTAAPGSVSQVRESAARLVRYAKETGTAVFLVGHVTKEGGIAGPRVLEHMVD  238
NTDB id 125 BSU 00870 NP 387968.1              MEYISSAIQEMNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVD  235
NTDB id 509 SM12261 RS00130 WP 078228442.1     MQSVRTEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVD  231
NTDB id 279 KZH43 RS00140 WP 074017595.1       MQSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVD  231
NTDB id 238 SPD RS00140 WP 074017595.1         MQSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVD  231
NTDB id 204 SPR RS00140 WP 074017595.1         MQSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVD  231
NTDB id 169 SP RS00155 WP 074017595.1          MQSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVD  231
NTDB id 537 SMSK321 RS07120 WP 080550752.1     MQSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVD  231
consensus                                      ************!*****!!!!!**********!!!!!!!!!**!*!***!!******!*!!!!!!!!**!!!!*!!!!!!

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NTDB id 1060279 ACF3M1 RS06325 WP 394004738.1  AVLYFEGDSGSRFRVMRAFKNRFGAVNELGVFAMGDKGLKEVPNPSAIFLSGGSTPQPGSCVMVTREGTRPLLVEVQALV  318
NTDB id 125 BSU 00870 NP 387968.1              TVLYFEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALI  315
NTDB id 509 SM12261 RS00130 WP 078228442.1     TVLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALV  311
NTDB id 279 KZH43 RS00140 WP 074017595.1       TVLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALV  311
NTDB id 238 SPD RS00140 WP 074017595.1         TVLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALV  311
NTDB id 204 SPR RS00140 WP 074017595.1         TVLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALV  311
NTDB id 169 SP RS00155 WP 074017595.1          TVLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALV  311
NTDB id 537 SMSK321 RS07120 WP 080550752.1     TVLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALV  311
consensus                                      *!!!!!!*****!!**!!*!!!!!**!!*!*!*!***!!*!!*!!!**!!********!!******!!!!!*!*!*!!!*
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NTDB id 1060279 ACF3M1 RS06325 WP 394004738.1   DASPLSNPRRVAVGMEGNRLAMLLAVLHRHGGIMTGDQDVFVNVVGGIRVQETAADLPVLLSVLSSLRDAPLPDKTIAFG   398
NTDB id 125 BSU 00870 NP 387968.1               SPTSFGNPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIG   395
NTDB id 509 SM12261 RS00130 WP 078228442.1      TPTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVG   391
NTDB id 279 KZH43 RS00140 WP 074017595.1        TPTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVG   391
NTDB id 238 SPD RS00140 WP 074017595.1          TPTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVG   391
NTDB id 204 SPR RS00140 WP 074017595.1          TPTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVG   391
NTDB id 169 SP RS00155 WP 074017595.1           TPTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVG   391
NTDB id 537 SMSK321 RS07120 WP 080550752.1      TPTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVG   391
consensus                                       ******!**!***!***!!*****!!!****!*****!!******!!****!*!*!!*******!!**!*!*******!
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NTDB id 1060279 ACF3M1 RS06325 WP 394004738.1   EVGLSGEIRPVPNGEERLREAATHGFKRAIVAKANAPKTGSFKGMEVIGVERLAEALEHI...   458
NTDB id 125 BSU 00870 NP 387968.1               EVGLTGEVRRVSRIEQRVKEAAKLGFKRMIIPAANLDGWTKPKGIEVIGVANVAEALRTSLGG   458
NTDB id 509 SM12261 RS00130 WP 078228442.1      ELGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 279 KZH43 RS00140 WP 074017595.1        ELGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 238 SPD RS00140 WP 074017595.1          ELGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 204 SPR RS00140 WP 074017595.1          ELGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 169 SP RS00155 WP 074017595.1           ELGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1      ELGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA.   453
consensus                                       !*!!*!!*!*!***!*!**!!!**!!************* ****!!!!****!*!*****
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X non conserved

X similar

X $\geq$ 50% conserved