logo



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NTDB id 255290 CUB95 RS10480 WP 099892747.1  MTKDKTTYVCDNCGQESAKWIGKCPNCGQWNTFKQIRIAPDTGLSTGEKLVAHTFGAPKRNVPQALNAVSSAEEIRIDMK  80
NTDB id 125 BSU 00870 NP 387968.1            MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPAN....RRAAFSHSVQTVQKPSPITSIETSEEPRVKTQ  76
NTDB id 537 SMSK321 RS07120 WP 080550752.1   MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKN....ARVSLTGE...KTKPMKLAEVTSINVNRTKTE  73
NTDB id 509 SM12261 RS00130 WP 078228442.1   MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKN....ARVSLTGE...KTKPMKLAEVTSINVNRTKTE  73
NTDB id 279 KZH43 RS00140 WP 074017595.1     MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKN....ARVSLTGE...KTKPMKLAEVTSINVNRTKTE  73
NTDB id 238 SPD RS00140 WP 074017595.1       MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKN....ARVSLTGE...KTKPMKLAEVTSINVNRTKTE  73
NTDB id 204 SPR RS00140 WP 074017595.1       MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKN....ARVSLTGE...KTKPMKLAEVTSINVNRTKTE  73
NTDB id 169 SP RS00155 WP 074017595.1        MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKN....ARVSLTGE...KTKPMKLAEVTSINVNRTKTE  73
consensus                                    !*!*!****!**!!**!*!**!*!!*!!*!***************     ********   ***!*************!****
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logo



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NTDB id 255290 CUB95 RS10480 WP 099892747.1  DSELNRVLGGGLVAGSMVLIGGEPGIGKSTLTLQTL...LATDRKVLYVSGEESPQQIKMRALRIAETIPDNIVILSETS  157
NTDB id 125 BSU 00870 NP 387968.1            LGEFNRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNP.SLHVLSETD  155
NTDB id 537 SMSK321 RS07120 WP 080550752.1   MEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDS.EFYLYAETN  151
NTDB id 509 SM12261 RS00130 WP 078228442.1   MEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDS.EFYLYAETN  151
NTDB id 279 KZH43 RS00140 WP 074017595.1     MEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDS.EFYLYAETN  151
NTDB id 238 SPD RS00140 WP 074017595.1       MEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDS.EFYLYAETN  151
NTDB id 204 SPR RS00140 WP 074017595.1       MEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDS.EFYLYAETN  151
NTDB id 169 SP RS00155 WP 074017595.1        MEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDS.EFYLYAETN  151
consensus                                    **!*!!!!!!!*!*!!*!!!!!*!!!!!!!!*!!********* **!!!*!!!!!**!*!*!!*!****** ******!!*
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NTDB id 255290 CUB95 RS10480 WP 099892747.1  VEKIFSCIRDVKPELLVVDSIQTVATETVASSAGSITQIRESAAALLQLAKSSDIPVILIGHINKEGSIAGPKVLEHIVD  237
NTDB id 125 BSU 00870 NP 387968.1            MEYISSAIQEMNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVD  235
NTDB id 537 SMSK321 RS07120 WP 080550752.1   MQSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVD  231
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
consensus                                    ***********!*****!!!!!**********!!**!*!!**!*!***!!***!*****!!**!!!**!!!**!!!*!!
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NTDB id 255290 CUB95 RS10480 WP 099892747.1  TVLQFEGDQHYMYRILRSIKNRFGSTSELGIYEMRQNGLRPVSNPSELLLTDTPDDLSGVAISSAIEGVRPFLVETQALV  317
NTDB id 125 BSU 00870 NP 387968.1            TVLYFEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALI  315
NTDB id 537 SMSK321 RS07120 WP 080550752.1   TVLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALV  311
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
consensus                                    !!!*!!!**!***!!!!**!!!!!!!*!*!!*!!***!!**!*!!!***!*********!**!****!!*!!*!*!*!!!*
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NTDB id 255290 CUB95 RS10480 WP 099892747.1  SSAAYGTPQRSATGFDQRRLNMLLAVLEKRVGFKLMQKDVFLNIAGGLRITDMAMDLSVIAAVLSSNVDTPIEAGWCMAG  397
NTDB id 125 BSU 00870 NP 387968.1            SPTSFGNPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIG  395
NTDB id 537 SMSK321 RS07120 WP 080550752.1   TPTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVG  391
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
consensus                                    *****!***!**!!*!**!*****!!!!!!*!**!***!**!**!!!*******!*!!*********!!**!*!*****!**!
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NTDB id 255290 CUB95 RS10480 WP 099892747.1  EVGLSGEVRPVSRIEQRIAEAEKLGFSHIIIPKNNAQGLKGRYKIATHPVAKVEEALRLLFG.   459
NTDB id 125 BSU 00870 NP 387968.1            EVGLTGEVRRVSRIEQRVKEAAKLGFKRMIIPAANLDGWTKPKGIEVIGVANVAEALRTSLGG   458
NTDB id 537 SMSK321 RS07120 WP 080550752.1   ELGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA.   453
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
consensus                                    !*!!*!!*!*!*!!!!!!**!!*!!!!*****!*****!**  ***!****!****!*!*****
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X non conserved
X similar
X ≥ 50% conserved