logo

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NTDB id 404172 GM160 RS02595 WP 156227902.1  MAKKSQTAFVCRECGADHPKWAGRCSECGAWNSLAEMRLPGGKSPAR.EVAGYAGEAPRITAIGEVEVSDTPRESSGLGE  79
NTDB id 125 BSU 00870 NP 387968.1            .MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAAFSHSVQTVQKPSPITSIETSEEPRVKTQLGE  79
NTDB id 509 SM12261 RS00130 WP 078228442.1   .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEE  76
NTDB id 537 SMSK321 RS07120 WP 080550752.1   .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEE  76
NTDB id 279 KZH43 RS00140 WP 074017595.1     .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEE  76
NTDB id 238 SPD RS00140 WP 074017595.1       .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEE  76
NTDB id 204 SPR RS00140 WP 074017595.1       .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEE  76
NTDB id 169 SP RS00155 WP 074017595.1        .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEE  76
consensus                                     **!*****!*!**!!***!!**!*!**!!*!*****!**********!******  ****************!******!
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NTDB id 404172 GM160 RS02595 WP 156227902.1  LDRVLGGGLVPGSVVLLGGDPGIGKSTLLLQTVLGLQDR.IECLYVTGEESLQQVALRGRRLGTDLAGRAGELTLLSETR  158
NTDB id 125 BSU 00870 NP 387968.1            FNRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGIN....NPSLHVLSETD  155
NTDB id 509 SM12261 RS00130 WP 078228442.1   FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDI....DSEFYLYAETN  151
NTDB id 537 SMSK321 RS07120 WP 080550752.1   FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDI....DSEFYLYAETN  151
NTDB id 279 KZH43 RS00140 WP 074017595.1     FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDI....DSEFYLYAETN  151
NTDB id 238 SPD RS00140 WP 074017595.1       FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDI....DSEFYLYAETN  151
NTDB id 204 SPR RS00140 WP 074017595.1       FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDI....DSEFYLYAETN  151
NTDB id 169 SP RS00155 WP 074017595.1        FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDI....DSEFYLYAETN  151
consensus                                    **!!!!!!!*!*!!*!!*!!!!!!!!!!!!!!!!****!*** ***!!**!!!!**!**!!**!!!**     *********!!*
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NTDB id 404172 GM160 RS02595 WP 156227902.1  IESILAACSKSLPGLMVVDSIQTLYTEELSAAPGSVSQLREATAQLVRFAKRHDVIVLIVGHVTKEGALAGPRVLEHMVD  238
NTDB id 125 BSU 00870 NP 387968.1            MEYISSAIQEMNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVD  235
NTDB id 509 SM12261 RS00130 WP 078228442.1   MQSVRTEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVD  231
NTDB id 537 SMSK321 RS07120 WP 080550752.1   MQSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVD  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 404172 GM160 RS02595 WP 156227902.1  TVLYFEGDPGARFRVIRAVKNRFGAANEVGVFGMTDHGLKPVSNPSAIFLSRHEKPVPGSVVMVTREGTRPMLVEVQALV  318
NTDB id 125 BSU 00870 NP 387968.1            TVLYFEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALI  315
NTDB id 509 SM12261 RS00130 WP 078228442.1   TVLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALV  311
NTDB id 537 SMSK321 RS07120 WP 080550752.1   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 404172 GM160 RS02595 WP 156227902.1  ADHPGGGSRRLTVGLDQNRLAMLLAVLHRHGQVALFDQDVFLNVVGGVRVNETAADLASLIAMLSSFRDRPLPQGLVIFG  398
NTDB id 125 BSU 00870 NP 387968.1            SPTSFGNPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIG  395
NTDB id 509 SM12261 RS00130 WP 078228442.1   TPTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVG  391
NTDB id 537 SMSK321 RS07120 WP 080550752.1   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 404172 GM160 RS02595 WP 156227902.1  EVGLAGEIRPVPGGPERLTEAAKHGFTRAIVPRGNKPPKP.IDGLEVIAVAHLDEAIEAVDTF   460
NTDB id 125 BSU 00870 NP 387968.1            EVGLTGEVRRVSRIEQRVKEAAKLGFKRMIIPAANLDGWTKPKGIEVIGVANVAEALRTSLGG   458
NTDB id 509 SM12261 RS00130 WP 078228442.1   ELGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1   ELGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA.   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