logo



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NTDB id 140996 TQ33 RS02265 WP 046560632.1  MAKVKTTYVCQECGSETPQWAGQCGQCKAWNSMVEQANVKQSKGEKSSRFTGYAGEQSKVVQMDKVDLSEVPRMGSGMSELDRVL  85
NTDB id 125 BSU 00870 NP 387968.1           MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRR.AAFSHSVQTVQKPSPITSTETSEEPRVKTQLGEFNRVL  84
NTDB id 509 SM12261 RS00130 WP 078228442.1  MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR.VSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRVL  81
NTDB id 537 SMSK321 RS07120 WP 080550752.1  MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR.VSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRVL  81
NTDB id 279 KZH43 RS00140 WP 074017595.1    MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR.VSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRVL  81
NTDB id 238 SPD RS00140 WP 074017595.1      MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR.VSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRVL  81
NTDB id 204 SPR RS00140 WP 074017595.1      MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR.VSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRVL  81
NTDB id 169 SP RS00155 WP 074017595.1       MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR.VSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRVL  81
consensus                                   !!!*!*****!!*!!***!***!*!**!**!***!!***********  ******    **!*************!******!**!!!  
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logo



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NTDB id 140996 TQ33 RS02265 WP 046560632.1  GGGLVPGSVVLMGGDPGIGKSTILLQSLCGISKD.MPVLYVTGEESMQQVTMRAQRLGLETGDFSLLTETQVEQITTQALMQKPK  169
NTDB id 125 BSU 00870 NP 387968.1           GGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDMEYISSAIQEMNPS  169
NTDB id 509 SM12261 RS00130 WP 078228442.1  GGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRTEVERIQPD  165
NTDB id 537 SMSK321 RS07120 WP 080550752.1  GGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQPD  165
NTDB id 279 KZH43 RS00140 WP 074017595.1    GGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQPD  165
NTDB id 238 SPD RS00140 WP 074017595.1      GGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQPD  165
NTDB id 204 SPR RS00140 WP 074017595.1      GGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQPD  165
NTDB id 169 SP RS00155 WP 074017595.1       GGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQPD  165
consensus                                   !!!*!*!!*!!*!!!!!!!!!!!!*!!!*****!**  **!!!**!!!!**!*!***!!*!!!***********!!************!*  
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logo



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NTDB id 140996 TQ33 RS02265 WP 046560632.1  VMVVDSIQTIYTEMLQSAPGGVAQVRESAAQLVRFAKQTGTTLFVVGHVTKDGALAGPRVLEHMVDAVLYFEGERDGRLRLLRAV  254
NTDB id 125 BSU 00870 NP 387968.1           FVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTVLYFEGERHHTFRILRAV  254
NTDB id 509 SM12261 RS00130 WP 078228442.1  FLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRAV  250
NTDB id 537 SMSK321 RS07120 WP 080550752.1  FLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRAV  250
NTDB id 279 KZH43 RS00140 WP 074017595.1    FLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRAV  250
NTDB id 238 SPD RS00140 WP 074017595.1      FLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRAV  250
NTDB id 204 SPR RS00140 WP 074017595.1      FLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRAV  250
NTDB id 169 SP RS00155 WP 074017595.1       FLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRAV  250
consensus                                   ****!!!!!**********!*!*!!!!**!*!***!!******!*!!!!!!*!**!!!!*!!!!!!*!!!!!!!!****!*!!!!  
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NTDB id 140996 TQ33 RS02265 WP 046560632.1  KNRFGAVNELGVFAMTDEGLKQVKNPSAIFLSKYTDPVAGSAIVSTWEGTRPMLVEIQALVDTSHAPQPKRVAVGLDHQRIAMLL  339
NTDB id 125 BSU 00870 NP 387968.1           KNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPTSFGNPRRMATGIDHNRVSLLM  339
NTDB id 509 SM12261 RS00130 WP 078228442.1  KNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLIM  335
NTDB id 537 SMSK321 RS07120 WP 080550752.1  KNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLIM  335
NTDB id 279 KZH43 RS00140 WP 074017595.1    KNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLIM  335
NTDB id 238 SPD RS00140 WP 074017595.1      KNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLIM  335
NTDB id 204 SPR RS00140 WP 074017595.1      KNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLIM  335
NTDB id 169 SP RS00155 WP 074017595.1       KNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLIM  335
consensus                                   !!!!!**!!*!*!*!***!!**!*!!!**!!*********!!*!****!!!!!*!*!*!!!**********!***!*!**!*****  
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NTDB id 140996 TQ33 RS02265 WP 046560632.1  AVLNRHGGVATFDQDVFANVVGGVRVMETSSDLALIAAIISSLRNRPLEEHLVIFGEVGLAGEVRPVPNGQERLKEAEKHGFKKA  424
NTDB id 125 BSU 00870 NP 387968.1           AVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVGLTGEVRRVSRIEQRVKEAAKLGFKRM  424
NTDB id 509 SM12261 RS00130 WP 078228442.1  AVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKI  420
NTDB id 537 SMSK321 RS07120 WP 080550752.1  AVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKI  420
NTDB id 279 KZH43 RS00140 WP 074017595.1    AVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKI  420
NTDB id 238 SPD RS00140 WP 074017595.1      AVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKI  420
NTDB id 204 SPR RS00140 WP 074017595.1      AVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKI  420
NTDB id 169 SP RS00155 WP 074017595.1       AVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKI  420
consensus                                   !!!****!*****!!*****!!!***!***!!!****!*!!****!********!!*!!*!!*!*!*****!**!!*!*!!***
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NTDB id 140996 TQ33 RS02265 WP 046560632.1  IVPKGNLPSKP.INGLEIHGVSRLQEMINLL...  454
NTDB id 125 BSU 00870 NP 387968.1           IIPAANLDGWTKPKGIEVIGVANVAEALRTSLGG  458
NTDB id 509 SM12261 RS00130 WP 078228442.1  YVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA.  453
NTDB id 537 SMSK321 RS07120 WP 080550752.1  YVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA.  453
NTDB id 279 KZH43 RS00140 WP 074017595.1    YVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.  453
NTDB id 238 SPD RS00140 WP 074017595.1      YVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.  453
NTDB id 204 SPR RS00140 WP 074017595.1      YVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.  453
NTDB id 169 SP RS00155 WP 074017595.1       YVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.  453
consensus                                   **!***!****  ********!!****!*******
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X non conserved

X similar

X ≥ 50% conserved