logo



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NTDB id 131463 BO06 RS12470 WP 004193568.1  MAKQKTVFVCTECGGQTPKWQGQCPSCHAWNTLVESVESAPSAHRFQSLAK....RAPVQRLADIEAADVPRFSTGIGEFDRVLG  81
NTDB id 125 BSU 00870 NP 387968.1           MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAAFSHSVQTVQKPSPITSIETSEEPRVKTQLGEFNRVLG  85
NTDB id 279 KZH43 RS00140 WP 074017595.1    MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRVLG  82
NTDB id 238 SPD RS00140 WP 074017595.1      MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRVLG  82
NTDB id 204 SPR RS00140 WP 074017595.1      MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRVLG  82
NTDB id 169 SP RS00155 WP 074017595.1       MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRVLG  82
NTDB id 537 SMSK321 RS07120 WP 080550752.1  MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRVLG  82
NTDB id 509 SM12261 RS00130 WP 078228442.1  MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRVLG  82
consensus                                   !!!*!**!*!**!!***!!**!*!!*!**!***!!*****************    ****************!**!***!!*!!!!
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NTDB id 131463 BO06 RS12470 WP 004193568.1  GGLVAGGVVLIGGDPGIGKSTLLLQSLAQIASE.RPALYISGEESGAQIALRAQRLALLEGGASAADLKLLAEICLEKIQATIDA  165
NTDB id 125 BSU 00870 NP 387968.1           GGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGIN.....NPSLHVLSETDMEYISSAIQE  165
NTDB id 279 KZH43 RS00140 WP 074017595.1    GGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDI.....DSEFYLYAETNMQSVRAEVER  161
NTDB id 238 SPD RS00140 WP 074017595.1      GGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDI.....DSEFYLYAETNMQSVRAEVER  161
NTDB id 204 SPR RS00140 WP 074017595.1      GGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDI.....DSEFYLYAETNMQSVRAEVER  161
NTDB id 169 SP RS00155 WP 074017595.1       GGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDI.....DSEFYLYAETNMQSVRAEVER  161
NTDB id 537 SMSK321 RS07120 WP 080550752.1  GGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDI.....DSEFYLYAETNMQSVRAEVER  161
NTDB id 509 SM12261 RS00130 WP 078228442.1  GGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDI.....DSEFYLYAETNMQSVRTEVER  161
consensus                                   !!*!*!**!!!!!!!!!!!!!!!!!!!!***!****  ***!!*!!!!!**!**!!!*!!***     *********!**********
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NTDB id 131463 BO06 RS12470 WP 004193568.1  ERPDVAVIDSIQTIYSEALTSAPGSVAQVRECAAQLTRIAKQSGTAIIMVGHVTKEGNLAGPRVLEHIVDTVLYFEGDTHSSFRL  250
NTDB id 125 BSU 00870 NP 387968.1           MNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTVLYFEGERHHTFRI  250
NTDB id 279 KZH43 RS00140 WP 074017595.1    IQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRI  246
NTDB id 238 SPD RS00140 WP 074017595.1      IQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRI  246
NTDB id 204 SPR RS00140 WP 074017595.1      IQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRI  246
NTDB id 169 SP RS00155 WP 074017595.1       IQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRI  246
NTDB id 537 SMSK321 RS07120 WP 080550752.1  IQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRI  246
NTDB id 509 SM12261 RS00130 WP 078228442.1  IQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRI  246
consensus                                   **!*****!!!!!**********!!!*!!!!**!*!***!!*****!**!!!!!!!!!*!!!!*!!!*!!!!!!!!!**!**!!*
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NTDB id 131463 BO06 RS12470 WP 004193568.1  VRAFKNRFGAVNELGVFAMTERGLRGVANPSALFLSQHTEVVPGSCVLVTQEGTRPLLVEVQALVDTANVPNPRRLAVGLEQNRL  335
NTDB id 125 BSU 00870 NP 387968.1           LRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPTSFGNPRRMATGIDHNRV  335
NTDB id 279 KZH43 RS00140 WP 074017595.1    LRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRA  331
NTDB id 238 SPD RS00140 WP 074017595.1      LRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRA  331
NTDB id 204 SPR RS00140 WP 074017595.1      LRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRA  331
NTDB id 169 SP RS00155 WP 074017595.1       LRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRA  331
NTDB id 537 SMSK321 RS07120 WP 080550752.1  LRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRA  331
NTDB id 509 SM12261 RS00130 WP 078228442.1  LRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRA  331
consensus                                   *!!*!!!!!**!!*!*!*!***!!**!*!!!**!!*********!!*******!!!!!*!*!*!!!*********!**!***!***!!*
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NTDB id 131463 BO06 RS12470 WP 004193568.1  AMLLAVLHRHAGIACFDQDVFLNAVGGVKITEPAADLAVLLAIHSSMRNKPLPKGLIVFGEVGLAGEIRPSPRGQERLREAAKLG  420
NTDB id 125 BSU 00870 NP 387968.1           SLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLATVISIASSFRDTPPNPADCFIGEVGLTGEVRRVSRIEQRVKEAAKLG  420
NTDB id 279 KZH43 RS00140 WP 074017595.1    SLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLG  416
NTDB id 238 SPD RS00140 WP 074017595.1      SLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLG  416
NTDB id 204 SPR RS00140 WP 074017595.1      SLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLG  416
NTDB id 169 SP RS00155 WP 074017595.1       SLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLG  416
NTDB id 537 SMSK321 RS07120 WP 080550752.1  SLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLG  416
NTDB id 509 SM12261 RS00130 WP 078228442.1  SLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLG  416
consensus                                   ****!!!****!*****!!**!**!!!!**!!!*!!!****!*!!****!*********!!*!!*!!*!***!***!**!!!!!!
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NTDB id 131463 BO06 RS12470 WP 004193568.1  FTTALIPKANAPKQPI.DGLRVHAVERIEQAIDQIRVLE   458
NTDB id 125 BSU 00870 NP 387968.1           FKRMIIPAANLDGWTKPKGIEVIGVANVAEALRTSLGG.   458
NTDB id 279 KZH43 RS00140 WP 074017595.1    FTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA..   453
NTDB id 238 SPD RS00140 WP 074017595.1      FTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA..   453
NTDB id 204 SPR RS00140 WP 074017595.1      FTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA..   453
NTDB id 169 SP RS00155 WP 074017595.1       FTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA..   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1  FTKIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA..   453
NTDB id 509 SM12261 RS00130 WP 078228442.1  FTKIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA..   453
consensus                                   !*****!*************!**!************
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X non conserved

X similar

X ≥ 50% conserved