logo



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NTDB id 279 KZH43 RS00140 WP 074017595.1    ..MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLT...GEKTKPMKLAEVTSINVNRTKTEMEEFNRV  80
NTDB id 238 SPD RS00140 WP 074017595.1      ..MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLT...GEKTKPMKLAEVTSINVNRTKTEMEEFNRV  80
NTDB id 204 SPR RS00140 WP 074017595.1      ..MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLT...GEKTKPMKLAEVTSINVNRTKTEMEEFNRV  80
NTDB id 169 SP RS00155 WP 074017595.1       ..MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLT...GEKTKPMKLAEVTSINVNRTKTEMEEFNRV  80
NTDB id 509 SM12261 RS00130 WP 078228442.1  ..MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLT...GEKTKPMKLAEVTSINVNRTKTEMEEFNRV  80
NTDB id 537 SMSK321 RS07120 WP 080550752.1  ..MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLT...GEKTKPMKLAEVTSINVNRTKTEMEEFNRV  80
NTDB id 130304 JL58 RS01295 WP 038408467.1  MAKAKRTTKFVCQACGYESPKWMGKCPNCNEWNQMVEALEPSK..KSRSAFNHT.GEAAKATPITQIASEEEARVETRMPELNRV  82
NTDB id 125 BSU 00870 NP 387968.1           ..MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAAFSHSVQTVQKPSPITSIETSEEPRVKTQLGEFNRV  83
consensus                                    *!!****!*!!!*!!!*!!!**!*!!*!**!***!!**********!****   ****!*************!**!***!*!!!
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NTDB id 279 KZH43 RS00140 WP 074017595.1    LGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQP  164
NTDB id 238 SPD RS00140 WP 074017595.1      LGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQP  164
NTDB id 204 SPR RS00140 WP 074017595.1      LGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQP  164
NTDB id 169 SP RS00155 WP 074017595.1       LGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQP  164
NTDB id 509 SM12261 RS00130 WP 078228442.1  LGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRTEVERIQP  164
NTDB id 537 SMSK321 RS07120 WP 080550752.1  LGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQP  164
NTDB id 130304 JL58 RS01295 WP 038408467.1  LGGGVVPGSMVLVGGDPGIGKSTLLLQVSAQLTLTNKKVLYISGEESIKQTKLRAERLQVSGDNLYVYAETNLEAVQETIDFVKP  167
NTDB id 125 BSU 00870 NP 387968.1           LGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDMEYISSAIQEMNP  168
consensus                                   !!!!!!*!!*!!*!!!!!!!!!!!!!!!!!!*!!*** **!!!*!!!!!**!*!!!!*!!**********!!*************!
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NTDB id 279 KZH43 RS00140 WP 074017595.1    DFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRA  249
NTDB id 238 SPD RS00140 WP 074017595.1      DFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRA  249
NTDB id 204 SPR RS00140 WP 074017595.1      DFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRA  249
NTDB id 169 SP RS00155 WP 074017595.1       DFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRA  249
NTDB id 509 SM12261 RS00130 WP 078228442.1  DFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRA  249
NTDB id 537 SMSK321 RS07120 WP 080550752.1  DFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRA  249
NTDB id 130304 JL58 RS01295 WP 038408467.1  DFVVIDSIQTVYHPDVTSAAGSVSQVRECTAALMRIAKMQNIAIFIVGHVTKEGAIAGPRLLEHMVDTVLYFEGERHHAYRILRA  252
NTDB id 125 BSU 00870 NP 387968.1           SFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTVLYFEGERHHTFRILRA  253
consensus                                   *!***!!!!!*************!!!!!!!!*!!*!!**!!***!*!!!!!!!!!!!**!!!!*!!!!!!!!!!!!!!!!**!!!!!
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NTDB id 279 KZH43 RS00140 WP 074017595.1    VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLI  334
NTDB id 238 SPD RS00140 WP 074017595.1      VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLI  334
NTDB id 204 SPR RS00140 WP 074017595.1      VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLI  334
NTDB id 169 SP RS00155 WP 074017595.1       VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLI  334
NTDB id 509 SM12261 RS00130 WP 078228442.1  VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLI  334
NTDB id 537 SMSK321 RS07120 WP 080550752.1  VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLI  334
NTDB id 130304 JL58 RS01295 WP 038408467.1  VKNRFGSTNEIGIFEMRDVGLVEVANPSEVFLEERLEGASGSTVVASMEGTRPVLVEIQALVSPTMFGNAKRMATGIDYNKVSLI  337
NTDB id 125 BSU 00870 NP 387968.1           VKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPTSFGNPRRMATGIDHNRVSLL  338
consensus                                   !!!!!!!!!!*!!!!!***!!*!!*!!!**!!!!!**!**!!*****!!!!!!*!*!*!!!**!!*!!!**!**!!*!*!**!!*
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NTDB id 279 KZH43 RS00140 WP 074017595.1   MAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTK   419
NTDB id 238 SPD RS00140 WP 074017595.1     MAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTK   419
NTDB id 204 SPR RS00140 WP 074017595.1     MAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTK   419
NTDB id 169 SP RS00155 WP 074017595.1      MAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTK   419
NTDB id 509 SM12261 RS00130 WP 078228442.1 MAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTK   419
NTDB id 537 SMSK321 RS07120 WP 080550752.1 MAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTK   419
NTDB id 130304 JL58 RS01295 WP 038408467.1 MAVLEKRVGLMLQNQDAYLKAAGGVKLDEPAVDLAVAVSVASSYRDKPTKSTDCFIGELGLTGEIRRVARIEQRVQEAAKLGFKR   422
NTDB id 125 BSU 00870 NP 387968.1          MAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVGLTGEVRRVSRIEQRVKEAAKLGFKR   423
consensus                                  !!!!!!!*!!*!!!!!!!!!!*!!!!!!!!!!!*!!!*****!!!**!*!*****!!*!!*!!!!!*!!!*!!!!!**!!!!!!!**
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NTDB id 279 KZH43 RS00140 WP 074017595.1   IYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 238 SPD RS00140 WP 074017595.1     IYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 204 SPR RS00140 WP 074017595.1     IYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 169 SP RS00155 WP 074017595.1      IYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 509 SM12261 RS00130 WP 078228442.1 IYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1 IYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA.   453
NTDB id 130304 JL58 RS01295 WP 038408467.1 IFIPKNNEGAWKIPKDVQVVGVETIGEALKKALPD   457
NTDB id 125 BSU 00870 NP 387968.1          MIIPAANLDGWTKPKGIEVIGVANVAEALRTSLGG   458
consensus                                  ***!**********!****!*!!****!*!*****
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X non conserved
X similar
X ≥ 50% conserved