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logo

NTDB id 279 KZH43 RS00140 WP 074017595.1        ..MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLT...GEKTKPMKLAEVTSINVNRTKTEME   75
NTDB id 238 SPD RS00140 WP 074017595.1          ..MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLT...GEKTKPMKLAEVTSINVNRTKTEME   75
NTDB id 204 SPR RS00140 WP 074017595.1          ..MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLT...GEKTKPMKLAEVTSINVNRTKTEME   75
NTDB id 169 SP RS00155 WP 074017595.1           ..MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLT...GEKTKPMKLAEVTSINVNRTKTEME   75
NTDB id 509 SM12261 RS00130 WP 078228442.1      ..MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLT...GEKTKPMKLAEVTSINVNRTKTEME   75
NTDB id 537 SMSK321 RS07120 WP 080550752.1      ..MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLT...GEKTKPMKLAEVTSINVNRTKTEME   75
NTDB id 103903 AACH31 RS00290 WP 262950124.1   MARAKAKTSFFCQQCGMESLKWVGRCPGCGEWNTMVEELKPTKAEQRRGFV..ASESMAKPQRLHEIEIKEESRIHTSMS   78
NTDB id 125 BSU 00870 NP 387968.1               ..MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAAFSHSVQTVQKPSPITSIETSEEPRVKTQLG   78
consensus                                         *!!*!**!*!!*!!**!*!**!*!!*!!*!***!!!*********!****    ****!!*************!**!***
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logo

NTDB id 279 KZH43 RS00140 WP 074017595.1        EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQVG.TVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQS   154
NTDB id 238 SPD RS00140 WP 074017595.1          EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQVG.TVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQS   154
NTDB id 204 SPR RS00140 WP 074017595.1          EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQVG.TVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQS   154
NTDB id 169 SP RS00155 WP 074017595.1           EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQVG.TVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQS   154
NTDB id 509 SM12261 RS00130 WP 078228442.1      EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQVG.TVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQS   154
NTDB id 537 SMSK321 RS07120 WP 080550752.1      EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQVG.TVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQS   154
NTDB id 103903 AACH31 RS00290 WP 262950124.1   ELNRVLGGGIVRGSLVLCGGEPGIGKSTLLLQTAQDLAHKGVQVLYVSGEESARQIKLRAERLGVTSDHLYIYAETDLTL   158
NTDB id 125 BSU 00870 NP 387968.1               EFNRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDMEY   158
consensus                                       !*!!!!!!!*!*!!!!!*!!*!!!!!!!!!!!!*****!**** *!!!*!!!!!**!*!!!!*!!!**********!!****
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logo

NTDB id 279 KZH43 RS00140 WP 074017595.1        VRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVL   234
NTDB id 238 SPD RS00140 WP 074017595.1          VRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVL   234
NTDB id 204 SPR RS00140 WP 074017595.1          VRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVL   234
NTDB id 169 SP RS00155 WP 074017595.1           VRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVL   234
NTDB id 509 SM12261 RS00130 WP 078228442.1      VRTEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVL   234
NTDB id 537 SMSK321 RS07120 WP 080550752.1      VRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVL   234
NTDB id 103903 AACH31 RS00290 WP 262950124.1   IDRQIQQLKPEFVIIDSIQTIHMPEVTSAPGSVSQVRECTAQLMRIAKIGGISIFIVGHVTKDGNIAGPRLLEHMVDTVL   238
NTDB id 125 BSU 00870 NP 387968.1               ISSAIQEMNPSFVVVDSIQIVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTVL   238
consensus                                       *********!*!***!!!!!*********!!!!!!!!!*!!*!!**!!***!*!!!!!!!!!*!**!!!!*!!!!!!!!!
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logo

NTDB id 279 KZH43 RS00140 WP 074017595.1        YFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPT   314
NTDB id 238 SPD RS00140 WP 074017595.1          YFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPT   314
NTDB id 204 SPR RS00140 WP 074017595.1          YFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPT   314
NTDB id 169 SP RS00155 WP 074017595.1           YFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPT   314
NTDB id 509 SM12261 RS00130 WP 078228442.1      YFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPT   314
NTDB id 537 SMSK321 RS07120 WP 080550752.1      YFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPT   314
NTDB id 103903 AACH31 RS00290 WP 262950124.1   YFEGERHHTYRILRAVKNRFGSTNEIGIFDMKEEGLDEVTNASEVFLEDRTKGLPGTAIMASIEGTRPILVEIQSLLTPT   318
NTDB id 125 BSU 00870 NP 387968.1               YFEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPT   318
consensus                                       !!!!!!!!!*!!!!!!!!!!!!!!!!!*!!!*!***!!*!!*!*!**!!!*!**!**!**!****!!!!!!!*!*!*!**!!
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logo
NTDB id 279 KZH43 RS00140 WP 074017595.1      MFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELG   394
NTDB id 238 SPD RS00140 WP 074017595.1        MFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELG   394
NTDB id 204 SPR RS00140 WP 074017595.1        MFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELG   394
NTDB id 169 SP RS00155 WP 074017595.1         MFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELG   394
NTDB id 509 SM12261 RS00130 WP 078228442.1   MFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELG   394
NTDB id 537 SMSK321 RS07120 WP 080550752.1   MFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELG   394
NTDB id 103903 AACH31 RS00290 WP 262950124.1 SFGNPKRMASGVDYNRVSLILAVLEKRMGFFLQNQDTYVKVTGGVKVDEPAVDLAIVASIVSSYKDKMTPSGDVYMGEVG   398
NTDB id 125 BSU 00870 NP 387968.1             SFGNPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVG   398
consensus                                     *!!!**!***!*!*!!*!!**!!!!!!*!**!!!!!*!*!*!**!!!!*!!!!*!!!****!*!!**!**********!!*!
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logo
NTDB id 279 KZH43 RS00140 WP 074017595.1      LTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.....   453
NTDB id 238 SPD RS00140 WP 074017595.1        LTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.....   453
NTDB id 204 SPR RS00140 WP 074017595.1        LTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.....   453
NTDB id 169 SP RS00155 WP 074017595.1         LTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.....   453
NTDB id 509 SM12261 RS00130 WP 078228442.1   LTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA.....   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1   LTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA.....   453
NTDB id 103903 AACH31 RS00290 WP 262950124.1 LTGEIRRVSRIEERVKEAKKLGFTRAIIPKKNMSGWKVPSGIEVVGVDTIAEALKAMFKEDLKF   462
NTDB id 125 BSU 00870 NP 387968.1             LTGEVRRVSRIEQRVKEAAKLGFKRMIIPAANLDGWTKPKGIEVIGVANVAEALRTSLGG....   458
consensus                                     !!!!*!!!*!!!!*!**!!*!!!!*****!*****!***!**!*!*!!****!*!*****
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X non conserved

X similar

X $\geq$ 50% conserved