logo



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NTDB id 43040 NIAKO RS28540 WP 014221939.1  MAKVKTAFFCSNCGYESAKWLGKCPSCGTWNTFVEEVISKPSVKKENGWDDYHEETKSTRTIPLSSITSSEQVRITTSDAELNRV  85
NTDB id 125 BSU 00870 NP 387968.1           MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAAFS..HSVQTVQKPSPITSIETSEEPRVKTQLGEFNRV  83
NTDB id 509 SM12261 RS00130 WP 078228442.1  MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLT..GE...KTKPMKLAEVTSINVNRTKTEMEEFNRV  80
NTDB id 537 SMSK321 RS07120 WP 080550752.1  MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLT..GE...KTKPMKLAEVTSINVNRTKTEMEEFNRV  80
NTDB id 279 KZH43 RS00140 WP 074017595.1    MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLT..GE...KTKPMKLAEVTSINVNRTKTEMEEFNRV  80
NTDB id 238 SPD RS00140 WP 074017595.1      MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLT..GE...KTKPMKLAEVTSINVNRTKTEMEEFNRV  80
NTDB id 204 SPR RS00140 WP 074017595.1      MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLT..GE...KTKPMKLAEVTSINVNRTKTEMEEFNRV  80
NTDB id 169 SP RS00155 WP 074017595.1       MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLT..GE...KTKPMKLAEVTSINVNRTKTEMEEFNRV  80
consensus                                   !!!*!**!*!**!!!*!*!**!*!!*!!*!***!!!**************   **   ****************!**!***!*!!!
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NTDB id 43040 NIAKO RS28540 WP 014221939.1  LGGGIVPGSIVLIAGEPGIGKSTLFLQNGLQLQN..KTVLYISGEESEQQIKMRADRLNIKNDNFYLLTETVTQTIFQEIKKLKP  168
NTDB id 125 BSU 00870 NP 387968.1           LGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDMEYISSAIQEMNP  168
NTDB id 509 SM12261 RS00130 WP 078228442.1  LGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRTEVERIQP  164
NTDB id 537 SMSK321 RS07120 WP 080550752.1  LGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQP  164
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
consensus                                   !!!!*!*!!*!!!*!*!!!!!!!!!*!!***!!***  **!!!*!!!!!**!*!*!!*!!**********!!**********!
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NTDB id 43040 NIAKO RS28540 WP 014221939.1  HLVIVDSIQTIQSPYIDSSPGSISQIRESAAEFQRFAKETNTPVFLIGHITKDGSIAGPKILEHMVDTVLQFEGDRHYAYRILRT  253
NTDB id 125 BSU 00870 NP 387968.1           SFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTVLYFEGERHHTFRILRA  253
NTDB id 509 SM12261 RS00130 WP 078228442.1  DFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRA  249
NTDB id 537 SMSK321 RS07120 WP 080550752.1  DFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRA  249
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
consensus                                   *****!!!!!*****!****!!*!!*!**!!***!!*******!**!!*!!*!**!!!**!!!!!!!!!!*!!!*!!***!!!!*
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NTDB id 43040 NIAKO RS28540 WP 014221939.1  IKNRFGSTSELGIYEMTGGGMRVVNNPSEILMTPKEDRLSGIAIAATIEGMRPLLIEVQALVTQSVYGTPQRTVSGFDLRRLQLL  338
NTDB id 125 BSU 00870 NP 387968.1           VKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPTSFGNPRRMATGIDHNRVSLL  338
NTDB id 509 SM12261 RS00130 WP 078228442.1  VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLI  334
NTDB id 537 SMSK321 RS07120 WP 080550752.1  VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLI  334
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
consensus                                   *!!!!!!!*!*!!*!!***!***!*!!!**********!**!****!!*!!*!*!*!!!******!***!***!*!**!**!*
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NTDB id 43040 NIAKO RS28540 WP 014221939.1  LAVLEKRGGFHFGVKDVFLNIAGGLKVEDPSIDLAVLCALLSSYEDVPLPQHVCFAGEVGLSGEVRAVHRVEQRIAEAEKLGFEK  423
NTDB id 125 BSU 00870 NP 387968.1           MAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVGLTGEVRRVSRIEQRVKEAAKLGFKR  423
NTDB id 509 SM12261 RS00130 WP 078228442.1  MAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTK  419
NTDB id 537 SMSK321 RS07120 WP 080550752.1  MAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTK  419
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
consensus                                   *!!!!!!*!******!**!*!!!*!***!*!!!!*******!!**!*!*****!!*!!*!!*!!*!*!*!*!!!**!!*!!!!**
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NTDB id 43040 NIAKO RS28540 WP 014221939.1  IIVSRYGQKSIGKQSGNIEVISMGRVEEVYQYLFQ.   458
NTDB id 125 BSU 00870 NP 387968.1           MIIPAANLDGWTKP.KGIEVIGVANVAEALRTSLGG  458
NTDB id 509 SM12261 RS00130 WP 078228442.1  IYVPKNSLTGITPP.KEIQVIGVTTIQEVLKKVFA.   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1  IYVPKNSLTGITPP.MEIQVIGVTTIQEVLKKVFA.   453
NTDB id 279 KZH43 RS00140 WP 074017595.1    IYVPKNSLTGITLP.KEIQVIGVTTIQEVLKKVFA.   453
NTDB id 238 SPD RS00140 WP 074017595.1      IYVPKNSLTGITLP.KEIQVIGVTTIQEVLKKVFA.   453
NTDB id 204 SPR RS00140 WP 074017595.1      IYVPKNSLTGITLP.KEIQVIGVTTIQEVLKKVFA.   453
NTDB id 169 SP RS00155 WP 074017595.1       IYVPKNSLTGITLP.KEIQVIGVTTIQEVLKKVFA.   453
consensus                                   ************ * **!*!!******!*******
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X non conserved

X similar

X ≥50% conserved