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logo
NTDB id 141086 N805 RS26340 WP 019472669.1  MAKAKRLYGCTECGATFPKWAGQCGECGAWNTLVETMIESGGAAAPSSGRAGWTGQ...QAQIKTLAEVSVEEIPRFTTSSTELD   82
NTDB id 125 BSU 00870 NP 387968.1           MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKA....PANRRAAFSHSVQTVQKPSPITSIETSEEPRVKTQLGEFN   81
NTDB id 279 KZH43 RS00140 WP 074017595.1    MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE....VKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFN   78
NTDB id 238 SPD RS00140 WP 074017595.1      MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE....VKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFN   78
NTDB id 204 SPR RS00140 WP 074017595.1      MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE....VKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFN   78
NTDB id 169 SP RS00155 WP 074017595.1       MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE....VKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFN   78
NTDB id 537 SMSK321 RS07120 WP 080550752.1 MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE....VKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFN   78
NTDB id 509 SM12261 RS00130 WP 078228442.1 MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE....VKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFN   78
consensus                                   !!!*!****!**!!***!!**!*!**!!*!***!!******    ****!******   ****************!**!***!**

logo
NTDB id 141086 N805 RS26340 WP 019472669.1  RVLGGGLVDGSVVLIGGDPGIGKSTLLLQTLCNIAV.GMPALYVTGEESQQQVAMRSRRLGLPQDQLKVMTETCIETIIATARVE  166
NTDB id 125 BSU 00870 NP 387968.1           RVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDMEYISSAIQEM  166
NTDB id 279 KZH43 RS00140 WP 074017595.1    RVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERI  162
NTDB id 238 SPD RS00140 WP 074017595.1      RVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERI  162
NTDB id 204 SPR RS00140 WP 074017595.1      RVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERI  162
NTDB id 169 SP RS00155 WP 074017595.1       RVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERI  162
NTDB id 537 SMSK321 RS07120 WP 080550752.1 RVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERI  162
NTDB id 509 SM12261 RS00130 WP 078228442.1 RVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRTEVERI  162
consensus                                   !!!!!!*!*!!*!!!!!!!!!!!!!!*!!!********  ***!!**!!!!**!***!**!!!**********!!*********** 

logo
NTDB id 141086 N805 RS26340 WP 019472669.1  KPRVMVIDSIQTIFTEQLQSAPGGVAQVRESTALLVRYAKQSGTAIFLVGHVTKEGSLAGPRVLEHMVDTVLYFEGESDGRLRLL  251
NTDB id 125 BSU 00870 NP 387968.1           NPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTVLYFEGERHHTFRIL  251
NTDB id 279 KZH43 RS00140 WP 074017595.1    QPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRIL  247
NTDB id 238 SPD RS00140 WP 074017595.1      QPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRIL  247
NTDB id 204 SPR RS00140 WP 074017595.1      QPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRIL  247
NTDB id 169 SP RS00155 WP 074017595.1       QPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRIL  247
NTDB id 537 SMSK321 RS07120 WP 080550752.1 QPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRIL  247
NTDB id 509 SM12261 RS00130 WP 078228442.1 QPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRIL  247
consensus                                   *!*****!!!!!**********!*!*!!!!*!!*!***!!*****!!*!!!!!!!!**!!!!*!!!!!!!!!!!!!*****!*!

logo
NTDB id 141086 N805 RS26340 WP 019472669.1  RAVKNRFGAVNELGVFGMTDRGLKEVSNPSAIFLNRTQEEVPGSVVMATWEGTRPMLVEVQALVDDSHLANPRRVTLGLDQNRLA  336
NTDB id 125 BSU 00870 NP 387968.1           RAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPTSFGNPRRMATGIDHNRVS  336
NTDB id 279 KZH43 RS00140 WP 074017595.1    RAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRAS  332
NTDB id 238 SPD RS00140 WP 074017595.1      RAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRAS  332
NTDB id 204 SPR RS00140 WP 074017595.1      RAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRAS  332
NTDB id 169 SP RS00155 WP 074017595.1       RAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRAS  332
NTDB id 537 SMSK321 RS07120 WP 080550752.1 RAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRAS  332
NTDB id 509 SM12261 RS00130 WP 078228442.1 RAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRAS  332
consensus                                   !!!!!!!!**!!*!*!*!***!!*!!*!!!**!!********!!******!!!!!*!*!*!!!*******!**!***!*!*!!**
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logo
NTDB id 141086 N805 RS26340 WP 019472669.1  MLLAVLHRHGGIPTHDQDVFLNVVGGVKVLETASDLALLAAVMSSLRNRPLAHGLLVFGEIGLSGEVRPVPSGQERLKEAAKHGF   421
NTDB id 125 BSU 00870 NP 387968.1           LLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVGLTGEVRRVSRIEQRVKEAAKLGF   421
NTDB id 279 KZH43 RS00140 WP 074017595.1    LIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGF   417
NTDB id 238 SPD RS00140 WP 074017595.1      LIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGF   417
NTDB id 204 SPR RS00140 WP 074017595.1      LIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGF   417
NTDB id 169 SP RS00155 WP 074017595.1       LIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGF   417
NTDB id 537 SMSK321 RS07120 WP 080550752.1 LIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGF   417
NTDB id 509 SM12261 RS00130 WP 078228442.1 LIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGF   417
consensus                                   ***!!!****!*****!!**!***!!!!**!*!*!!!******!!****!********!!*!!*!!*!*!*****!**!!!!*!!

logo
NTDB id 141086 N805 RS26340 WP 019472669.1  KRAIVPKGNAP.KESPAGLQVIAVTRLEQALDALFE.   456
NTDB id 125 BSU 00870 NP 387968.1           KRMITPAANLDGWTKPKGIEVIGVANVAEALRTSLGG   458
NTDB id 279 KZH43 RS00140 WP 074017595.1    TKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 238 SPD RS00140 WP 074017595.1      TKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 204 SPR RS00140 WP 074017595.1      TKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 169 SP RS00155 WP 074017595.1       TKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1 TKIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA.   453
NTDB id 509 SM12261 RS00130 WP 078228442.1 TKIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA.   453
consensus                                   *****!*******  !****!!*!******!*****
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X non conserved

X similar

X ≥ 50% conserved