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logo
NTDB id 385535 F1C79 RS19980 WP 081520071.1  MAKAKRMYGCTECGATYPKWAGQCPDCGAWNTLVETVIDTTPTGCSASSSSGRGGWAGQQANIKTLAEVSVEEMPRFSTA  80
NTDB id 125 BSU 00870 NP 387968.1            MAKTKSKFTCQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAAFSHS....VQTVQKPSPITSIETSEEPRVKTQ  76
NTDB id 537 SMSK321 RS07120 WP 080550752.1   MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE.......KTKPMKLAEVTSINVNRTKTE  73
NTDB id 509 SM12261 RS00130 WP 078228442.1   MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE.......KTKPMKLAEVTSINVNRTKTE  73
NTDB id 279 KZH43 RS00140 WP 074017595.1     MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE.......KTKPMKLAEVTSINVNRTKTE  73
NTDB id 238 SPD RS00140 WP 074017595.1       MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE.......KTKPMKLAEVTSINVNRTKTE  73
NTDB id 204 SPR RS00140 WP 074017595.1       MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE.......KTKPMKLAEVTSINVNRTKTE  73
NTDB id 169 SP RS00155 WP 074017595.1        MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE.......KTKPMKLAEVTSINVNRTKTE  73
consensus                                    !!!*!****!**!!***!!**!*!!*!!*!***!!**********************  ****************!**!*
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logo
NTDB id 385535 F1C79 RS19980 WP 081520071.1  SAELDRALGGGLVDGSVVLIGGDPGIGKSTLLLQTLCNIATR.LPALYVTGEESQQQVAMRARRLGLPEDKLKVMTETCI  159
NTDB id 125 BSU 00870 NP 387968.1            LGEFNRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDM  156
NTDB id 537 SMSK321 RS07120 WP 080550752.1   MEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNM  152
NTDB id 509 SM12261 RS00130 WP 078228442.1   MEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNM  152
NTDB id 279 KZH43 RS00140 WP 074017595.1     MEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNM  152
NTDB id 238 SPD RS00140 WP 074017595.1       MEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNM  152
NTDB id 204 SPR RS00140 WP 074017595.1       MEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNM  152
NTDB id 169 SP RS00155 WP 074017595.1        MEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNM  152
consensus                                    **!**!*!!!!*!*!!*!!!!!!!!!!!!!!*!!!********* **!!**!!!!**!***!!*!!!**********!!**
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logo
NTDB id 385535 F1C79 RS19980 WP 081520071.1  ETIIATARQEQPKVMVIDSIQTIFTEQLQSAPGGVAQVRESAALLVRFAKQSGTAIFLVGHVTKEGSLAGPRVLEHMVDT  239
NTDB id 125 BSU 00870 NP 387968.1            EYISSAIQEMNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDT  236
NTDB id 537 SMSK321 RS07120 WP 080550752.1   QSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDT  232
NTDB id 509 SM12261 RS00130 WP 078228442.1   QSVRTEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDT  232
NTDB id 279 KZH43 RS00140 WP 074017595.1     QSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDT  232
NTDB id 238 SPD RS00140 WP 074017595.1       QSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDT  232
NTDB id 204 SPR RS00140 WP 074017595.1       QSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDT  232
NTDB id 169 SP RS00155 WP 074017595.1        QSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDT  232
consensus                                    **********!*****!!!!!**********!*!*!!!!**!*!***!!*****!!*!!!!!!!!**!!!!*!!!!!!!
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logo
NTDB id 385535 F1C79 RS19980 WP 081520071.1  VLYFEGESDGRLRLLRAVKNRFGAVNELGVFAMTDRGLKEVSNPSAIFLTRAQESVPGSVVMATWEGSRPMLVEVQALVD  319
NTDB id 125 BSU 00870 NP 387968.1            VLYFEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALIS  316
NTDB id 537 SMSK321 RS07120 WP 080550752.1   VLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVT  312
NTDB id 509 SM12261 RS00130 WP 078228442.1   VLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVT  312
NTDB id 279 KZH43 RS00140 WP 074017595.1     VLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVT  312
NTDB id 238 SPD RS00140 WP 074017595.1       VLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVT  312
NTDB id 204 SPR RS00140 WP 074017595.1       VLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVT  312
NTDB id 169 SP RS00155 WP 074017595.1        VLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVT  312
consensus                                    !!!!!!!*****!*!!!!!!!!!**!!*!*!*!***!!*!!*!!!**!!*********!!******!!*!!*!*!*!!!**
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logo
NTDB id 385535 F1C79 RS19980 WP 081520071.1  TSHLANPRRVTLGLDQNRLAMLLAVLHRHGGIPTYDQDVFLNVVGGVKVLETASDLALMAAVMSSLRNRPLDHQLLVFGE  399
NTDB id 125 BSU 00870 NP 387968.1            PTSFGNPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGE  396
NTDB id 537 SMSK321 RS07120 WP 080550752.1   PTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGE  392
NTDB id 509 SM12261 RS00130 WP 078228442.1   PTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGE  392
NTDB id 279 KZH43 RS00140 WP 074017595.1     PTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGE  392
NTDB id 238 SPD RS00140 WP 074017595.1       PTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGE  392
NTDB id 204 SPR RS00140 WP 074017595.1       PTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGE  392
NTDB id 169 SP RS00155 WP 074017595.1        PTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGE  392
consensus                                    *****!**!***!*!*!!*****!!!****!*****!!**!***!!!!**!*!*!!!*******!!****!*********!!
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logo
NTDB id 385535 F1C79 RS19980 WP 081520071.1  VGLSGEVRPVPSGQERLKEAAKHGFKRAIVPKGNAPK.ESPPGLQVIAVTRLEQALDALFE.  459
NTDB id 125 BSU 00870 NP 387968.1            VGLTGEVRRVSRIEQRVKEAAKLGFKRMITPAANLDGWTKPKGIEVIGVANVAEALRTSLGG  458
NTDB id 537 SMSK321 RS07120 WP 080550752.1   LGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA.  453
NTDB id 509 SM12261 RS00130 WP 078228442.1   LGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA.  453
NTDB id 279 KZH43 RS00140 WP 074017595.1     LGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.  453
NTDB id 238 SPD RS00140 WP 074017595.1       LGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.  453
NTDB id 204 SPR RS00140 WP 074017595.1       LGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.  453
NTDB id 169 SP RS00155 WP 074017595.1        LGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.  453
consensus                                    *!!*!!*!*!*!*****!**!!!!*!!*****!********  !****!!*!*******!*****
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X non conserved
X similar
X ≥ 50% conserved