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logo

NTDB id 125 BSU 00870 NP 387968.1          MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAAFSHS..VQTVQKPSPITSIETSEEPRVKTQLG   78
NTDB id 1045102 ACEPST RS02080 WP 204120984.1 MAKPRTTYVCQNCDYSSPRYLGRCPNCGEWNTMMEEVVTPTAAKAKPQSTRTAVGSEQSHPQLMKDIKHSSEARTKTKME   80
NTDB id 279 KZH43 RS00140 WP 074017595.1   MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKN.....ARVSLTGEKTKPMKLAEVTSINVNRTKTEME   75
NTDB id 238 SPD RS00140 WP 074017595.1     MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKN.....ARVSLTGEKTKPMKLAEVTSINVNRTKTEME   75
NTDB id 204 SPR RS00140 WP 074017595.1     MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKN.....ARVSLTGEKTKPMKLAEVTSINVNRTKTEME   75
NTDB id 169 SP RS00155 WP 074017595.1      MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKN.....ARVSLTGEKTKPMKLAEVTSINVNRTKTEME   75
NTDB id 509 SM12261 RS00130 WP 078228442.1 MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKN.....ARVSLTGEKTKPMKLAEVTSINVNRTKTEME   75
NTDB id 537 SMSK321 RS07120 WP 080550752.1 MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKN.....ARVSLTGEKTKPMKLAEVTSINVNRTKTEME   75
consensus                                  !!!******!!*!*!*!!***!*!!*!!*!****!!********     **********!************!*!!***

logo

NTDB id 125 BSU 00870 NP 387968.1          EFNRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDMEY  158
NTDB id 1045102 ACEPST RS02080 WP 204120984.1 ELNRVLGGGIVAGSLILIGGDPGIGKSTLLLQVSGQLSETGGKVLYVSGEESASQIKMRADRLVVNSDNLYLYPETDMAS  160
NTDB id 279 KZH43 RS00140 WP 074017595.1   EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQS  154
NTDB id 238 SPD RS00140 WP 074017595.1     EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQS  154
NTDB id 204 SPR RS00140 WP 074017595.1     EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQS  154
NTDB id 169 SP RS00155 WP 074017595.1      EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQS  154
NTDB id 509 SM12261 RS00130 WP 078228442.1 EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQS  154
NTDB id 537 SMSK321 RS07120 WP 080550752.1 EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQS  154
consensus                                  !*!!!!!!!*!*!!!!*!!!!!!!!!!!!!!!!!!!!*!!!** **!!!*!!!!!**!*!*!!*!!**********!!*!**

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NTDB id 125 BSU 00870 NP 387968.1          ISSAIQEMNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTVL  238
NTDB id 1045102 ACEPST RS02080 WP 204120984.1 IRANIEQMQPDYVVIDSVQTMQAPGIESAIGSVSQIRAVTGELMQIAKTNNITIFVVGHVTKGGAIAGPKILEHMVDTVL  240
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
consensus                                  *********!*****!!*!!*****!****!!!!!*!**!*!!!**!!!**!*!!*!!!!!!*!**!!!**!!!!!!!!!

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NTDB id 125 BSU 00870 NP 387968.1          YFEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPT  318
NTDB id 1045102 ACEPST RS02080 WP 204120984.1 YFEGDLHHTYRILRAVKNRFGSTNELGIFEMREGGLYEVANPSEIFLEERLKDATGSAIVVSMEGTRPILVEVQALISPS  320
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
consensus                                  !!!!**!!!*!!!!!!!!!!!!!!!!*!!!!!***!!*!!*!!!**!!!!!*****!!*!***!!!!!!!!*!*!!!**!*
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NTDB id 125 BSU 00870 NP 387968.1          SFGNPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVG   398
NTDB id 1045102 ACEPST RS02080 WP 204120984.1  VFGNAQRTSSGLDRNRVALLMAVLEKRANLMLQNQDAFLKAAGGVKLDEPAIDLAIALSIASSYRDTATAPTDCFVGEVG   400
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
consensus                                  *!!!**!***!*!*!!**!*!!!!!!!**!*!!!!!!*!!*!!!!!!!!!!!!!!!****!!!!**!****!**!!*!!*!
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NTDB id 125 BSU 00870 NP 387968.1          LTGEVRRVSRIEQRVKEAAKLGFKRMIIPAANLDGWTKPKGIEVIGVANVAEALRTSLGG   458
NTDB id 1045102 ACEPST RS02080 WP 204120984.1  LTGEIRRVNRIESRVAEAKKLGFKRIFVPKNNLQGWTAPKGIDVVGVSTLRQALKLALGV   460
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
consensus                                  !!!!*!!!*!!!*!**!!*!!!!*****!***!*!*!  !**!*!*!!******!*****
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X non conserved

X similar

X $\geq$ 50% conserved