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logo
NTDB id 125 BSU 00870 NP 387968.1          MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAAFSHSVQTVQKPSPITSIETSEEPRVKTQLGEFNRVLG   85
NTDB id 68621 CCX79 RS01960 WP 072612929.1 MAKVKTQFICSNCGFVSARYLGRCSNCGEWGTLVEEKIQPESNDRKSRVSLD.GRNAKVEKINEITSEEAPRVATKLKELNRVLG   84
NTDB id 279 KZH43 RS00140 WP 074017595.1   MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEV..KNARVSLT.GEKTKPMKLAEVTSINVNRTKTEMEEFNRVLG   82
NTDB id 238 SPD RS00140 WP 074017595.1     MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEV..KNARVSLT.GEKTKPMKLAEVTSINVNRTKTEMEEFNRVLG   82
NTDB id 204 SPR RS00140 WP 074017595.1     MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEV..KNARVSLT.GEKTKPMKLAEVTSINVNRTKTEMEEFNRVLG   82
NTDB id 169 SP RS00155 WP 074017595.1      MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEV..KNARVSLT.GEKTKPMKLAEVTSINVNRTKTEMEEFNRVLG   82
NTDB id 509 SM12261 RS00130 WP 078228442.1 MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEV..KNARVSLT.GEKTKPMKLAEVTSINVNRTKTEMEEFNRVLG   82
NTDB id 537 SMSK321 RS07120 WP 080550752.1 MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEV..KNARVSLT.GEKTKPMKLAEVTSINVNRTKTEMEEFNRVLG   82
consensus                                  !!!*!**!*!**!!**!****!*!**!!*!***!!!******  *****!**  ****!*************!**!***!*!!!!!

logo
NTDB id 125 BSU 00870 NP 387968.1          GGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDMEYISSAIQEMNPSF   170
NTDB id 68621 CCX79 RS01960 WP 072612929.1 GGVVPGSMVLIGGDPGIGKSTLLLQVSGQLAQE.GRVLYVTGEESATQVKLRADRLGVGHDEFYLYPETDMTAVKKQIEELQPNF   168
NTDB id 279 KZH43 RS00140 WP 074017595.1   GGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQPDF   166
NTDB id 238 SPD RS00140 WP 074017595.1     GGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQPDF   166
NTDB id 204 SPR RS00140 WP 074017595.1     GGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQPDF   166
NTDB id 169 SP RS00155 WP 074017595.1      GGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQPDF   166
NTDB id 509 SM12261 RS00130 WP 078228442.1 GGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRTEVERIQPDF   166
NTDB id 537 SMSK321 RS07120 WP 080550752.1 GGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQPDF   166
consensus                                  !!!!*!!*!!!!!!!!!!!!!!!!!!!!*!!***  **!!!**!!!!**!*!!!!*!!!**********!!*!**********!*!

logo
NTDB id 125 BSU 00870 NP 387968.1          VVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTVLYFEGERHHTFRILRAVK   255
NTDB id 68621 CCX79 RS01960 WP 072612929.1 VVIDSVQTMQEPDVSSAVGSVSQIREVTADLLQIAKTNNISIFIVGHVTKDGAIAGPKILEHMVDTVLYFEGDSNYKYRILRAVK   253
NTDB id 279 KZH43 RS00140 WP 074017595.1   LIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRAVK   251
NTDB id 238 SPD RS00140 WP 074017595.1     LIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRAVK   251
NTDB id 204 SPR RS00140 WP 074017595.1     LIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRAVK   251
NTDB id 169 SP RS00155 WP 074017595.1      LIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRAVK   251
NTDB id 509 SM12261 RS00130 WP 078228442.1 LIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRAVK   251
NTDB id 537 SMSK321 RS07120 WP 080550752.1 LIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRAVK   251
consensus                                  ***!!*!!**********!!!!!*!!*!!*!***!!!**!*!!!!!!!!!*!**!!!**!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 125 BSU 00870 NP 387968.1          NRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPTSFGNPRRMATGIDHNRVSLLMA   340
NTDB id 68621 CCX79 RS01960 WP 072612929.1 NRFGATNELGIFEMRNGGLIEVANPSEIFLEERLSGATGSAIVVALEGSRPILVELQALVTPTVFGNAQRTAAGLDRNRVSLIMA   338
NTDB id 279 KZH43 RS00140 WP 074017595.1   NRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLIMA   336
NTDB id 238 SPD RS00140 WP 074017595.1     NRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLIMA   336
NTDB id 204 SPR RS00140 WP 074017595.1     NRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLIMA   336
NTDB id 169 SP RS00155 WP 074017595.1      NRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLIMA   336
NTDB id 509 SM12261 RS00130 WP 078228442.1 NRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLIMA   336
NTDB id 537 SMSK321 RS07120 WP 080550752.1 NRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLIMA   336
consensus                                  !!!!*!!!*!!!!!***!!*!!*!!!**!!!!!**!**!!*!****!!*!!!!*!*!!!**!!*!!!**!***!*!*!!*!!*!!
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logo                                    VLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKIY

NTDB id 125 BSU 00870 NP 387968.1       VLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVGLTGEVRRVSRIEQRVKEAAKLGFKRMI   425
NTDB id 68621 CCX79 RS01960 WP 072612929.1 VLEKRANLLLQNQDAYLKAAGGVKLDEPAIDLAIAVALASSYHDKESRPSDVFVGEIGLTGEVRSVADIEGRLKEAKKLGFKRAI   423
NTDB id 279 KZH43 RS00140 WP 074017595.1 VLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKIY   421
NTDB id 238 SPD RS00140 WP 074017595.1  VLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKIY   421
NTDB id 204 SPR RS00140 WP 074017595.1  VLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKIY   421
NTDB id 169 SP RS00155 WP 074017595.1   VLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKIY   421
NTDB id 509 SM12261 RS00130 WP 078228442.1 VLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKIY   421
NTDB id 537 SMSK321 RS07120 WP 080550752.1 VLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTKIY   421
consensus                               !!!!!**!!!!!!!!!!!!*!!!!!!!!!!!!!!!*****!!!**!****!***!*!!*!!!!!*!*!*!**!!*!**!!*!!!!****

logo                                    VPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA

NTDB id 125 BSU 00870 NP 387968.1       IPAANLDGWTKPKGIEVIGVANVAEALRTSLGG   458
NTDB id 68621 CCX79 RS01960 WP 072612929.1 VPKNNLNGVELPHGIQVIGVTTLSEALKIALGE   456
NTDB id 279 KZH43 RS00140 WP 074017595.1 VPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 238 SPD RS00140 WP 074017595.1  VPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 204 SPR RS00140 WP 074017595.1  VPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 169 SP RS00155 WP 074017595.1   VPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 509 SM12261 RS00130 WP 078228442.1 VPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1 VPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA.   453
consensus                               *!***!*!***!**!*!!!!****!*!*****
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X non conserved

X similar

X ≥ 50% conserved