logo

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NTDB id 384129 DEO27 RS22920 WP 112568981.1  MAKSKIAYFCQSCGFESPKWLGKCPSCQQWNTFVEEVIEKGNASVPAWKPASTSQQRANKPVPVTEITYSEEHRLPTPDK  80
NTDB id 125 BSU 00870 NP 387968.1            MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRR..AAFSHSVQTVQKPSPITSIETSEEPRVKTQLG  78
NTDB id 509 SM12261 RS00130 WP 078228442.1   MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR..VSLTGE...KTKPMKLAEVTSINVNRTKTEME  75
NTDB id 279 KZH43 RS00140 WP 074017595.1     MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR..VSLTGE...KTKPMKLAEVTSINVNRTKTEME  75
NTDB id 238 SPD RS00140 WP 074017595.1       MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR..VSLTGE...KTKPMKLAEVTSINVNRTKTEME  75
NTDB id 204 SPR RS00140 WP 074017595.1       MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR..VSLTGE...KTKPMKLAEVTSINVNRTKTEME  75
NTDB id 169 SP RS00155 WP 074017595.1        MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR..VSLTGE...KTKPMKLAEVTSINVNRTKTEME  75
NTDB id 537 SMSK321 RS07120 WP 080550752.1   MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR..VSLTGE...KTKPMKLAEVTSINVNRTKTEME  75
consensus                                    !!!*!****!!*!!**!!!**!*!!*!**!***!!!*********  ******   **!!*************!**!***
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logo

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NTDB id 384129 DEO27 RS22920 WP 112568981.1  EFNRVLGGGIVPGSLVLIGGEPGIGKSTLMLQLALNMP..NQKVLYVSGEESERQIKMRAERLASPEGGPIGEGAYILTE  158
NTDB id 125 BSU 00870 NP 387968.1            EFNRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGI.....NNPSLHVLSE  153
NTDB id 509 SM12261 RS00130 WP 078228442.1   EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGD.....IDSEFYLYAE  149
NTDB id 279 KZH43 RS00140 WP 074017595.1     EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGD.....IDSEFYLYAE  149
NTDB id 238 SPD RS00140 WP 074017595.1       EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGD.....IDSEFYLYAE  149
NTDB id 204 SPR RS00140 WP 074017595.1       EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGD.....IDSEFYLYAE  149
NTDB id 169 SP RS00155 WP 074017595.1        EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGD.....IDSEFYLYAE  149
NTDB id 537 SMSK321 RS07120 WP 080550752.1   EFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGD.....IDSEFYLYAE  149
consensus                                    !!!!!!!!!*!*!!!!!!!!!*!!!!!!!!!*!!******** **!!!*!!!!!**!*!*!!*!!**  *********!
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NTDB id 384129 DEO27 RS22920 WP 112568981.1  TSTQNIFKQIEALEPDMVVIDSIQTLHSAHIESTPGSVSQVRECTAELLRFAKETSTPVFLIGHITKDGMIAGPKILEHM  238
NTDB id 125 BSU 00870 NP 387968.1            TDMEYISSAIQEMNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHM  233
NTDB id 509 SM12261 RS00130 WP 078228442.1   TNMQSVRTEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHM  229
NTDB id 279 KZH43 RS00140 WP 074017595.1     TNMQSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHM  229
NTDB id 238 SPD RS00140 WP 074017595.1       TNMQSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHM  229
NTDB id 204 SPR RS00140 WP 074017595.1       TNMQSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHM  229
NTDB id 169 SP RS00155 WP 074017595.1        TNMQSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHM  229
NTDB id 537 SMSK321 RS07120 WP 080550752.1   TNMQSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHM  229
consensus                                    !**********!*****!!!!!******!****!!!!!!!!*!!!!***!!******!**!!*!!*!**!!!**!!!!
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NTDB id 384129 DEO27 RS22920 WP 112568981.1  VDTVLQFEGDRHHVYRILRTIKNRFGSASELGIYEMMGEGLREVSNPSEILLSHREAPLSGITISATLEGMRPMLIETQA  318
NTDB id 125 BSU 00870 NP 387968.1            VDTVLYFEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSACSAGSSITASMEGTRPILVEIQA  313
NTDB id 509 SM12261 RS00130 WP 078228442.1   VDTVLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQA  309
NTDB id 279 KZH43 RS00140 WP 074017595.1     VDTVLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQA  309
NTDB id 238 SPD RS00140 WP 074017595.1       VDTVLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQA  309
NTDB id 204 SPR RS00140 WP 074017595.1       VDTVLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQA  309
NTDB id 169 SP RS00155 WP 074017595.1        VDTVLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQA  309
NTDB id 537 SMSK321 RS07120 WP 080550752.1   VDTVLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQA  309
consensus                                    !!!!!*!!!*!!!**!!!!**!!!!!!**!*!!*!!***!!*!!*!!!***!**!*****!**!****!!*!!!*!*!!
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NTDB id 384129 DEO27 RS22920 WP 112568981.1   LVSASAYGTPQRTATGFDTKRMSMLLAVLEKRCGFRLGAKDVFLNITGGIRVEDPAIDLGLAAAAIISSHEDMPIPFKTCF   398
NTDB id 125 BSU 00870 NP 387968.1            LISPTSFGNPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCF   393
NTDB id 509 SM12261 RS00130 WP 078228442.1   LVTPTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECF   389
NTDB id 279 KZH43 RS00140 WP 074017595.1     LVTPTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECF   389
NTDB id 238 SPD RS00140 WP 074017595.1       LVTPTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECF   389
NTDB id 204 SPR RS00140 WP 074017595.1       LVTPTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECF   389
NTDB id 169 SP RS00155 WP 074017595.1        LVTPTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECF   389
NTDB id 537 SMSK321 RS07120 WP 080550752.1   LVTPTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECF   389
consensus                                    !******!***!**!!*!**!*!***!!!!!!*!**!***!**!***!!*****!!!!!*****!*!!**!*!*****!!
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logo

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NTDB id 384129 DEO27 RS22920 WP 112568981.1   AGELGLSGEIRAVNRVEQRIAEAQKLGFNQIFISKYNLPASGQDKKRMDLSRYDIDIKIVSSIEEVFSLLFG.   470
NTDB id 125 BSU 00870 NP 387968.1            IGEVGLTGEVRRVSRIEQRVKEAAKLGFKRMIIPAANLDGWTKPKG........IEVIGVANVAEALRTSLGG   458
NTDB id 509 SM12261 RS00130 WP 078228442.1   VGELGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPKE........IQVIGVTTIQEVLKKVFA.   453
NTDB id 279 KZH43 RS00140 WP 074017595.1     VGELGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKE........IQVIGVTTIQEVLKKVFA.   453
NTDB id 238 SPD RS00140 WP 074017595.1       VGELGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKE........IQVIGVTTIQEVLKKVFA.   453
NTDB id 204 SPR RS00140 WP 074017595.1       VGELGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKE........IQVIGVTTIQEVLKKVFA.   453
NTDB id 169 SP RS00155 WP 074017595.1        VGELGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKE........IQVIGVTTIQEVLKKVFA.   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1   VGELGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPME........IQVIGVTTIQEVLKKVFA.   453
consensus                                    *!!*!!*!!!*!*!*!*!!!**!!*!!!!**********!****  ***        !****!****!*******
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X non conserved

X similar

X ≥ 50% conserved