logo



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NTDB id 125 BSU 00870 NP 387968.1          MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRR.AAFSHSVQTVQKPSPITSIETSEEPRVKTQLGE  79
NTDB id 164690 AVR83 RS02585 WP 003643928.1MAKAKTQFVCSNCGYSTPRYLGRCPNCGEWNTLTEEHFDTKPDRKSRVSFA...GKSAKPQRLKEVSLTKTPRVKTKLKE  77
NTDB id 279 KZH43 RS00140 WP 074017595.1   MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEV.EVAEVKNARVSLT...GEKTKPMKLAEVTSINVNRTKTEMEE  76
NTDB id 238 SPD RS00140 WP 074017595.1     MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEV.EVAEVKNARVSLT...GEKTKPMKLAEVTSINVNRTKTEMEE  76
NTDB id 204 SPR RS00140 WP 074017595.1     MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEV.EVAEVKNARVSLT...GEKTKPMKLAEVTSINVNRTKTEMEE  76
NTDB id 169 SP RS00155 WP 074017595.1      MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEV.EVAEVKNARVSLT...GEKTKPMKLAEVTSINVNRTKTEMEE  76
NTDB id 537 SMSK321 RS07120 WP 080550752.1 MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEV.EVAEVKNARVSLT...GEKTKPMKLAEVTSINVNRTKTEMEE  76
NTDB id 509 SM12261 RS00130 WP 078228442.1 MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEV.EVAEVKNARVSLT...GEKTKPMKLAEVTSINVNRTKTEMEE  76
consensus                                  !!!*!**!*!**!!!**!***!*!!*!!*!****!!* ********** ****!!************!*!!***!
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NTDB id 125 BSU 00870 NP 387968.1          FNRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDMEYI 159
NTDB id 164690 AVR83 RS02585 WP 003643928.1FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSGQLAETGGSVLYVTGEESASQVKMRADRLAVSSEDFYLYPETDMSNI 157
NTDB id 279 KZH43 RS00140 WP 074017595.1   FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV 155
NTDB id 238 SPD RS00140 WP 074017595.1     FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV 155
NTDB id 204 SPR RS00140 WP 074017595.1     FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV 155
NTDB id 169 SP RS00155 WP 074017595.1      FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV 155
NTDB id 537 SMSK321 RS07120 WP 080550752.1 FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV 155
NTDB id 509 SM12261 RS00130 WP 078228442.1 FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV 155
consensus                                  !!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!*!!*** **!!!*!*!!!!*!*!*!*!!*!!********!!*!*!***
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NTDB id 125 BSU 00870 NP 387968.1          SSAIQEMNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTVLY 239
NTDB id 164690 AVR83 RS02585 WP 003643928.1RSTIESTHPEFVVIDSVQTMQEPDMDSAIGSVSQIREITAELLQIAKTNGITIFIVGHVTKGGAIAGPKILEHMVDTVLY 237
NTDB id 279 KZH43 RS00140 WP 074017595.1   RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY 235
NTDB id 238 SPD RS00140 WP 074017595.1     RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY 235
NTDB id 204 SPR RS00140 WP 074017595.1     RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY 235
NTDB id 169 SP RS00155 WP 074017595.1      RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY 235
NTDB id 537 SMSK321 RS07120 WP 080550752.1 RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY 235
NTDB id 509 SM12261 RS00130 WP 078228442.1 RTEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY 235
consensus                                  ********!*!***!!*!!*********!!!!!*!!*!!!!***!!!**!*!!!!!!!!!*!**!!!*!!!!!!!!!!
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NTDB id 125 BSU 00870 NP 387968.1          FEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPTS 319
NTDB id 164690 AVR83 RS02585 WP 003643928.1FEGDLHHTYRILRAVKNRFGSTNELGIFEMRTGGLYEVANPSEIFLEERLKDATGSAIVVSMEGTRPILVEVQALVTPTV 317
NTDB id 279 KZH43 RS00140 WP 074017595.1   FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM 315
NTDB id 238 SPD RS00140 WP 074017595.1     FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM 315
NTDB id 204 SPR RS00140 WP 074017595.1     FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM 315
NTDB id 169 SP RS00155 WP 074017595.1      FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM 315
NTDB id 537 SMSK321 RS07120 WP 080550752.1 FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM 315
NTDB id 509 SM12261 RS00130 WP 078228442.1 FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM 315
consensus                                  !!!**!!!*!!!!!!!!!!!!!!!!*!!!!!***!!*!!*!!!**!!!!!*****!!*!***!!!!!!!!*!*!!!**!!*
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NTDB id 125 BSU 00870 NP 387968.1          FGNPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVGL  399
NTDB id 164690 AVR83 RS02585 WP 003643928.1 FGNAKRTASGLDHNRVSLIMAVLEKRASLMLQNQDAYLKAAGGVKLDEPAIDLAIAVSVASSYRDQQTRPSDCFVGEVGL  397
NTDB id 279 KZH43 RS00140 WP 074017595.1   FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL  395
NTDB id 238 SPD RS00140 WP 074017595.1     FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL  395
NTDB id 204 SPR RS00140 WP 074017595.1     FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL  395
NTDB id 169 SP RS00155 WP 074017595.1      FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL  395
NTDB id 537 SMSK321 RS07120 WP 080550752.1 FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL  395
NTDB id 509 SM12261 RS00130 WP 078228442.1 FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL  395
consensus                                  !!!**!***!*!*!!*!!*!!!!!!!!**!*!!!!!!!!!*!!!!!!!!!!!!!!!!*****!!!**!****!**!!*!!*!!
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NTDB id 125 BSU 00870 NP 387968.1          TGEVRRVSRIEQRVKEAAKLGFKRMIIPAANLDGWTKPKGIEVIGVANVAEALRTSLGG...   458
NTDB id 164690 AVR83 RS02585 WP 003643928.1 TGEIRRVNRIESRVGEAAKLGFKRIFIPKNNLQGWDIPTGIEVIGVATLKEALQLALQQPNY   459
NTDB id 279 KZH43 RS00140 WP 074017595.1   TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA....   453
NTDB id 238 SPD RS00140 WP 074017595.1     TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA....   453
NTDB id 204 SPR RS00140 WP 074017595.1     TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA....   453
NTDB id 169 SP RS00155 WP 074017595.1      TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA....   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1 TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA....   453
NTDB id 509 SM12261 RS00130 WP 078228442.1 TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA....   453
consensus                                  !!!*!!!*!!!*!**!!!!!!!!*****!***!*!***!**!*!!!!*****!*!*****
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X non conserved

X similar

X ≥ 50% conserved