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NTDB id 1008629 ABNP36 RS03615 WP 023534442.1  MAKAKRLYGCTECGATFPKWAGQCGECGAWNTLVETMIESGGAAAPSTGRAGWTGQ...QAQIKTLAEVSVEEIPRFTTS  77
NTDB id 125 BSU 00870 NP 387968.1              MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKA....PANRRAAFSHSVQTVQKPSPITSIETSEEPRVKTQ  76
NTDB id 279 KZH43 RS00140 WP 074017595.1       MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE....VKNARVSLTGE...KTKPMKLAEVTSINVNRTKTE  73
NTDB id 238 SPD RS00140 WP 074017595.1         MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE....VKNARVSLTGE...KTKPMKLAEVTSINVNRTKTE  73
NTDB id 204 SPR RS00140 WP 074017595.1         MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE....VKNARVSLTGE...KTKPMKLAEVTSINVNRTKTE  73
NTDB id 169 SP RS00155 WP 074017595.1          MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE....VKNARVSLTGE...KTKPMKLAEVTSINVNRTKTE  73
NTDB id 537 SMSK321 RS07120 WP 080550752.1     MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE....VKNARVSLTGE...KTKPMKLAEVTSINVNRTKTE  73
NTDB id 509 SM12261 RS00130 WP 078228442.1     MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAE....VKNARVSLTGE...KTKPMKLAEVTSINVNRTKTE  73
consensus                                      !!!*!****!**!!***!!**!*!**!!*!***!!******    ****!******    ****************!**!*
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NTDB id 1008629 ABNP36 RS03615 WP 023534442.1  STELDRVLGGGLVDGSVVLIGGDPGIGKSTLLLQTLCNIAV.GMPALYVTGEESQQQVAMRSRRLGLPQDQLKVMTETCI  156
NTDB id 125 BSU 00870 NP 387968.1              LGEFNRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDM  156
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
NTDB id 537 SMSK321 RS07120 WP 080550752.1     MEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNM  152
NTDB id 509 SM12261 RS00130 WP 078228442.1     MEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNM  152
consensus                                      **!**!!!!!!*!*!!*!!!!!!!!!!!!!!*!!!********* **!!**!!!!**!***!**!!!**********!!**
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NTDB id 1008629 ABNP36 RS03615 WP 023534442.1  ETIIATARQEKPRVMVIDSIQTIFTEQLQSAPGGVAQVRESTALLVRYAKQSGTAIFLVGHVTKEGSLAGPRVLEHMVDT  236
NTDB id 125 BSU 00870 NP 387968.1              EYISSAIQEMNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDT  236
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
NTDB id 537 SMSK321 RS07120 WP 080550752.1     QSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDT  232
NTDB id 509 SM12261 RS00130 WP 078228442.1     QSVRTEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDT  232
consensus                                      ***********!*****!!!!!**********!*!*!!!!*!!*!***!!*****!!*!!!!!!!!**!!!!*!!!!!!!
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NTDB id 1008629 ABNP36 RS03615 WP 023534442.1  VLYFEGESDGRLRLLRAVKNRFGAVNELGVFGMTDRGLKEVSNPSAIFLNRTQEEVPGSVVMATWEGTRPMLVEVQALVD  316
NTDB id 125 BSU 00870 NP 387968.1              VLYFEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALIS  316
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
NTDB id 537 SMSK321 RS07120 WP 080550752.1     VLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVT  312
NTDB id 509 SM12261 RS00130 WP 078228442.1     VLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVT  312
consensus                                      !!!!!!!*****!*!!!!!!!!!!**!!*!*!*!***!!*!!*!!!**!!*********!!******!!!!!*!*!*!!!**
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NTDB id 1008629 ABNP36 RS03615 WP 023534442.1  DSHLANPRRVTLGLDQNRLAMLLAVLHRHGGIPTHDQDVFLNVVGGVKVLETASDLALLAAVMSSLRNRPLAHGLLVFGE  396
NTDB id 125 BSU 00870 NP 387968.1              PTSFGNPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGE  396
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
NTDB id 537 SMSK321 RS07120 WP 080550752.1     PTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGE  392
NTDB id 509 SM12261 RS00130 WP 078228442.1     PTMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGE  392
consensus                                      *****!**!***!*!*!!*****!!!****!*****!!**!***!!!!**!*!*!!!*******!!****!********!!
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NTDB id 1008629 ABNP36 RS03615 WP 023534442.1  IGLSGEVRPVPSGQERLKEAAKHGFKRAIVPKGNAP.KEAPAGLQVIAVTRLEQALDALFE.   456
NTDB id 125 BSU 00870 NP 387968.1              VGLTGEVRRVSRIEQRVKEAAKLGFKRMITPAANLDGWTKPKGIEVIGVANVAEALRTSLGG   458
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
NTDB id 537 SMSK321 RS07120 WP 080550752.1     LGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA.   453
NTDB id 509 SM12261 RS00130 WP 078228442.1     LGLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA.   453
consensus                                      *!!*!!*!*!*!*****!**!!!!!*!!*****!********  !****!!*!*!******!*****
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X non conserved
X similar
X ≥ 50% conserved