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logo
NTDB id 133015 L2bCS78408 RS02910 WP 009873708.1  MTTKIKTQWTCTECGTHSPKWLGQCSGCLQWNTLVEERTAPKLNTS..SYS...SSSSIPIPLNNVEFQEEIRIHTQAQG   75
NTDB id 125 BSU 00870 NP 387968.1                 .MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAAFSHSVQTVQKPSPITSIETSEEPRVKTQLGE   79
NTDB id 279 KZH43 RS00140 WP 074017595.1          .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEE   76
NTDB id 238 SPD RS00140 WP 074017595.1            .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEE   76
NTDB id 204 SPR RS00140 WP 074017595.1            .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEE   76
NTDB id 169 SP RS00155 WP 074017595.1             .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEE   76
NTDB id 509 SM12261 RS00130 WP 078228442.1        .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEE   76
NTDB id 537 SMSK321 RS07120 WP 080550752.1        .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEE   76
consensus                                          **!*!****!**!!**!!!**!*!**!**!***!!!*****************   ***!*************!**!****

logo
NTDB id 133015 L2bCS78408 RS02910 WP 009873708.1  WNRLLGGGTVRGSLALLGGEPGIGKSTLLLQISSQFAAAGHKVLYVCGEESVSQTSLRAQRLQISSNNIFLFPETNLEDI  155
NTDB id 125 BSU 00870 NP 387968.1                 FNRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDMEYI  159
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 509 SM12261 RS00130 WP 078228442.1        FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV  155
NTDB id 537 SMSK321 RS07120 WP 080550752.1        FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV  155
consensus                                          *!!*!!!!*!*!!!*!*!!*!!!!!!!!!!!!*!*!****  **!!!**!!!!**!**!!!*!!*************!!*****

logo
NTDB id 133015 L2bCS78408 RS02910 WP 009873708.1  KQQIDNIAPDILVIDSIQIIFSPSLSSAPGSVAQVRETTAELMHIAKQKQITTFIIGHVTKSGEIAGPRILEHLVDTVLY  235
NTDB id 125 BSU 00870 NP 387968.1                 SSAIQEMNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTVLY  239
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 509 SM12261 RS00130 WP 078228442.1        RTEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY  235
NTDB id 537 SMSK321 RS07120 WP 080550752.1        RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY  235
consensus                                          ********!*****!!!!************!!!*!!!!*!!!!!**!!***!**!!*!!!!!*!**!!!!*!!!*!!!!!!

logo
NTDB id 133015 L2bCS78408 RS02910 WP 009873708.1  FEGNVHANYRMIRSVKNRFGPTNELLILSMHTDGLREVENPSGLFLQEKIVETTGSTIIPIVEGSETLLVEVQALVSSSP  315
NTDB id 125 BSU 00870 NP 387968.1                 FEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPTS  319
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 509 SM12261 RS00130 WP 078228442.1        FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM  315
NTDB id 537 SMSK321 RS07120 WP 080550752.1        FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM  315
consensus                                          !!!**!***!**!*!!!!!!*!!!**!**!***!!*!!*!!!**!!*!******!!*!****!!****!*!*!!!*****
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logo
NTDB id 133015 L2bCS78408 RS02910 WP 009873708.1  FSNPVRKTSGFDPNRFSLLLAVLEKRANIKLYTSDVFLSIAGGLKITQPSADLGAVLSVVSSLYNRYLPKNYTYTGEIGL   395
NTDB id 125 BSU 00870 NP 387968.1                 FGNPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVGL   399
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 509 SM12261 RS00130 WP 078228442.1        FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL   395
NTDB id 537 SMSK321 RS07120 WP 080550752.1        FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL   395
consensus                                         !*!**!***!*!*!!*!!**!!!!!!****!***!**!**!!!*!***!**!!*******!!*************!!*!!

logo
NTDB id 133015 L2bCS78408 RS02910 WP 009873708.1  GGEIRHVSHMEHRIKESIIMGFKGIVMPFGQIKGLPKEFLDQIDIIGVKTIKDAVRLLQ..   454
NTDB id 125 BSU 00870 NP 387968.1                 TGEVRRVSRIEQRVKEAAKLGFKRMIIPAANLDGWTKP..KGIEVIGVANVAEALRTSLGG   458
NTDB id 279 KZH43 RS00140 WP 074017595.1          TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLP..KEIQVIGVTTIQEVLKKVFA.   453
NTDB id 238 SPD RS00140 WP 074017595.1            TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLP..KEIQVIGVTTIQEVLKKVFA.   453
NTDB id 204 SPR RS00140 WP 074017595.1            TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLP..KEIQVIGVTTIQEVLKKVFA.   453
NTDB id 169 SP RS00155 WP 074017595.1             TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLP..KEIQVIGVTTIQEVLKKVFA.   453
NTDB id 509 SM12261 RS00130 WP 078228442.1        TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPP..KEIQVIGVTTIQEVLKKVFA.   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1        TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPP..MEIQVIGVTTIQEVLKKVFA.   453
consensus                                         *!!*!*!***!*!**!****!!*****!*****!** *  **!**!!!**********
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X non conserved

X similar

X $\geq$ 50% conserved