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logo
NTDB id 279 KZH43 RS00140 WP 074017595.1    MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTG.....EKTKPMKLAEVTSINVNRTKTEMEEFNRV   80
NTDB id 238 SPD RS00140 WP 074017595.1      MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTG.....EKTKPMKLAEVTSINVNRTKTEMEEFNRV   80
NTDB id 204 SPR RS00140 WP 074017595.1      MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTG.....EKTKPMKLAEVTSINVNRTKTEMEEFNRV   80
NTDB id 169 SP RS00155 WP 074017595.1       MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTG.....EKTKPMKLAEVTSINVNRTKTEMEEFNRV   80
NTDB id 509 SM12261 RS00130 WP 078228442.1 MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTG.....EKTKPMKLAEVTSINVNRTKTEMEEFNRV   80
NTDB id 537 SMSK321 RS07120 WP 080550752.1 MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTG.....EKTKPMKLAEVTSINVNRTKTEMEEFNRV   80
NTDB id 125398 GZ22 RS17010 WP 038565099.1 MAKRKTKYVCQECGYESAKWMGKCPSCNNWNTFTEEVVTPASS...AAFRHSNTTTTAAKPQSITAIHSEKEPRVTTDLPEFNRV   82
NTDB id 125 BSU 00870 NP 387968.1           MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAAFSH..SVQTVQKPSPITSIETSEEPRVKTQLGEFNRV   83
consensus                                   !!!*!*****!!*!!!*!*!**!*!!*!**!****!!*************     ***!!************!**!***!!!!!
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logo
NTDB id 279 KZH43 RS00140 WP 074017595.1    LGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQP   164
NTDB id 238 SPD RS00140 WP 074017595.1      LGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQP   164
NTDB id 204 SPR RS00140 WP 074017595.1      LGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQP   164
NTDB id 169 SP RS00155 WP 074017595.1       LGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQP   164
NTDB id 509 SM12261 RS00130 WP 078228442.1 LGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRTEVERIQP   164
NTDB id 537 SMSK321 RS07120 WP 080550752.1 LGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQP   164
NTDB id 125398 GZ22 RS17010 WP 038565099.1 LGGGIVAGSLVLIGGDPGIGKSTLLLQVSAQLAEKELPVLYISGEESARQTKLRADRLGVKADQLYVLSETNLQDITRHIEEVKP   167
NTDB id 125 BSU 00870 NP 387968.1           LGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDMEYISSAIQEMNP   168
consensus                                   !!!!*!*!!!!!!!!!!!!!!!!!!!!!!!!*!!*** **!!!*!!!!!**!*!!!!*!!!**********!!*************!
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logo
NTDB id 279 KZH43 RS00140 WP 074017595.1    DFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRA   249
NTDB id 238 SPD RS00140 WP 074017595.1      DFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRA   249
NTDB id 204 SPR RS00140 WP 074017595.1      DFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRA   249
NTDB id 169 SP RS00155 WP 074017595.1       DFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRA   249
NTDB id 509 SM12261 RS00130 WP 078228442.1 DFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRA   249
NTDB id 537 SMSK321 RS07120 WP 080550752.1 DFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRA   249
NTDB id 125398 GZ22 RS17010 WP 038565099.1 AFVVVDSIQTVYREEVTSAPGSVTQVRECTSELMRVAKTNGIPIFLVGHVTKEGAIAGPRMLEHMVDAVLYFEGERHHTFRILRS   252
NTDB id 125 BSU 00870 NP 387968.1           SFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTVLYFEGERHHTFRILRA   253
consensus                                   *!***!!!!!*********!!!*!!!!*!*!!!**!!!**!*!!*!!!!!!!!**!!!!*!!!!!!*!!!!!!!!!!!!!!!!*
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logo
NTDB id 279 KZH43 RS00140 WP 074017595.1    VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLI   334
NTDB id 238 SPD RS00140 WP 074017595.1      VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLI   334
NTDB id 204 SPR RS00140 WP 074017595.1      VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLI   334
NTDB id 169 SP RS00155 WP 074017595.1       VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLI   334
NTDB id 509 SM12261 RS00130 WP 078228442.1 VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLI   334
NTDB id 537 SMSK321 RS07120 WP 080550752.1 VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFGNAKRTTTGLDFNRASLI   334
NTDB id 125398 GZ22 RS17010 WP 038565099.1 VKNRFGSTNEMGIFEMKEEGLREVTNPSEIFLEERSQGAAGSTVVASMEGTRPVLVEIQALISPTSFGNPRRMATGTDHNRVPLL   337
NTDB id 125 BSU 00870 NP 387968.1           VKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPTSFGNPRRMATGIDHNRVSLL   338
consensus                                   !!!!!!!!!!*!!!!!***!!*!!*!!!**!!!!!**!**!!*****!!!!!!*!*!*!!!**!!*!!!**!**!!*!*!!**!*
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logo
NTDB id 279 KZH43 RS00140 WP 074017595.1    MAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTK   419
NTDB id 238 SPD RS00140 WP 074017595.1      MAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTK   419
NTDB id 204 SPR RS00140 WP 074017595.1      MAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTK   419
NTDB id 169 SP RS00155 WP 074017595.1       MAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTK   419
NTDB id 509 SM12261 RS00130 WP 078228442.1 MAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTK   419
NTDB id 537 SMSK321 RS07120 WP 080550752.1 MAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFTK   419
NTDB id 125398 GZ22 RS17010 WP 038565099.1 MAVLEKRVGLMLQNQDAYVKIAGGMRLDEPAIDLAVAASIASSFKDKPTKPDDVLIGEVGLTGEVRRVSRIEQRVQEAAKLGFKR   422
NTDB id 125 BSU 00870 NP 387968.1           MAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVGLTGEVRRVSRIEQRVKEAAKLGFKR   423
consensus                                   !!!!!!!*!!*!!!!!!!*!*!!!**!!!!!!!!!****!!!!**!*!**!*****!!*!!!!!*!!!*!!!!!**!!!!!!!**
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logo
NTDB id 279 KZH43 RS00140 WP 074017595.1    IYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA..   453
NTDB id 238 SPD RS00140 WP 074017595.1      IYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA..   453
NTDB id 204 SPR RS00140 WP 074017595.1      IYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA..   453
NTDB id 169 SP RS00155 WP 074017595.1       IYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA..   453
NTDB id 509 SM12261 RS00130 WP 078228442.1 IYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA..   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1 IYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA..   453
NTDB id 125398 GZ22 RS17010 WP 038565099.1 AIVPKKNLDGWTVPSSIKVVGVNSVSEALHIVLGED   458
NTDB id 125 BSU 00870 NP 387968.1           MIIPAANLDGWTKPKGIEVIGVANVAEALRTSLGG.   458
consensus                                   ***!***!*!*!*!**!*!*!!****!*!*****
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X non conserved

X similar

X $\geq$ 50% conserved