logo



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NTDB id 1033979 AB9D59 RS20665 WP 018596707.1  MAKAKKTVFFCQNCGYESAKWMGQCPGCREWNSFVEETVSQGTKKGPGQTAPGAAGGRAGKPMMLSEIDIREDNRIRTSM  80
NTDB id 125 BSU 00870 NP 387968.1              .MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAA..FSHSVQTVQKPSPITSIETSEEPRVKTQL  77
NTDB id 509 SM12261 RS00130 WP 078228442.1     .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVS..LTGE...KTKPMKLAEVTSINVNRTKTEM  74
NTDB id 537 SMSK321 RS07120 WP 080550752.1     .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVS..LTGE...KTKPMKLAEVTSINVNRTKTEM  74
NTDB id 279 KZH43 RS00140 WP 074017595.1       .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVS..LTGE...KTKPMKLAEVTSINVNRTKTEM  74
NTDB id 238 SPD RS00140 WP 074017595.1         .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVS..LTGE...KTKPMKLAEVTSINVNRTKTEM  74
NTDB id 204 SPR RS00140 WP 074017595.1         .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVS..LTGE...KTKPMKLAEVTSINVNRTKTEM  74
NTDB id 169 SP RS00155 WP 074017595.1          .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVS..LTGE...KTKPMKLAEVTSINVNRTKTEM  74
consensus                                      ****!**!*!!*!!!*!*!**!*!!*!**!***!!!**********  ****   **!!***********!**!**
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logo



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NTDB id 1033979 AB9D59 RS20665 WP 018596707.1  DELDRVLGGGVVQGSMVLVGGDPGIGKSTLLLQVCKLLSDSGHKILYISGEESLQQIKMRAQRIGVFNENLRLLCETNLE  160
NTDB id 125 BSU 00870 NP 387968.1              GEFNRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDME  157
NTDB id 509 SM12261 RS00130 WP 078228442.1     EEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQ  153
NTDB id 537 SMSK321 RS07120 WP 080550752.1     EEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQ  153
NTDB id 279 KZH43 RS00140 WP 074017595.1       EEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQ  153
NTDB id 238 SPD RS00140 WP 074017595.1         EEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQ  153
NTDB id 204 SPR RS00140 WP 074017595.1         EEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQ  153
NTDB id 169 SP RS00155 WP 074017595.1          EEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQ  153
consensus                                      *!**!!!!!!!!!*!!*!!*!!!!!!!!!!!!!!!!!!***!!**  **!*!*!!!!!**!*!*!*!!*!*!********!!***
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logo



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NTDB id 1033979 AB9D59 RS20665 WP 018596707.1  AISTTIENEKPEAVIIDSIQTMYNEEVSSAPGSVSQVRESTGILMKIAKGMGISVFIVGHVTKDGSVAGPRVLEHMVDTV  240
NTDB id 125 BSU 00870 NP 387968.1              YISSAIQEMNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTV  237
NTDB id 509 SM12261 RS00130 WP 078228442.1     SVRTEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTV  233
NTDB id 537 SMSK321 RS07120 WP 080550752.1     SVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTV  233
NTDB id 279 KZH43 RS00140 WP 074017595.1       SVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTV  233
NTDB id 238 SPD RS00140 WP 074017595.1         SVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTV  233
NTDB id 204 SPR RS00140 WP 074017595.1         SVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTV  233
NTDB id 169 SP RS00155 WP 074017595.1          SVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTV  233
consensus                                      **********!*****!!!!!**********!!!!!!!!*!**!!**!!***!**!!!!!!!!*!**!!!!*!!!!!!!!
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NTDB id 1033979 AB9D59 RS20665 WP 018596707.1  LYFEGDRHASYRILRSVKNRFGSTNEIGVFEMQECGLVEVKNPSQVMLNGRPTDASGTVVVCSLEGTRPILIEIQALVTK  320
NTDB id 125 BSU 00870 NP 387968.1              LYFEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISP  317
NTDB id 509 SM12261 RS00130 WP 078228442.1     LYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTP  313
NTDB id 537 SMSK321 RS07120 WP 080550752.1     LYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTP  313
NTDB id 279 KZH43 RS00140 WP 074017595.1       LYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTP  313
NTDB id 238 SPD RS00140 WP 074017595.1         LYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTP  313
NTDB id 204 SPR RS00140 WP 074017595.1         LYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTP  313
NTDB id 169 SP RS00155 WP 074017595.1          LYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTP  313
consensus                                      !!!!!*!!***!!!!*!!!!!!!!!!*!*!!!***!!*!!*!!!***!**!*****!*******!!!!!!!*!*!!!***
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NTDB id 1033979 AB9D59 RS20665 WP 018596707.1  TNFGLPRRTSVGIDYNRVNLLMAVLEKRAGLALGNCDAYVNLAGGMKLGEPAIDLGIVAAIISSYRNRTVDPDTLIFGEV  400
NTDB id 125 BSU 00870 NP 387968.1              TSFGNPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEV  397
NTDB id 509 SM12261 RS00130 WP 078228442.1     TMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGEL  393
NTDB id 537 SMSK321 RS07120 WP 080550752.1     TMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGEL  393
NTDB id 279 KZH43 RS00140 WP 074017595.1       TMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGEL  393
NTDB id 238 SPD RS00140 WP 074017595.1         TMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGEL  393
NTDB id 204 SPR RS00140 WP 074017595.1         TMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGEL  393
NTDB id 169 SP RS00155 WP 074017595.1          TMFGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGEL  393
consensus                                      !*!!***!***!*!*!!**!*!!!!!!!*!!*!*!*!!!***!!!*!!*!!!!!!*****!*!!*******!*****!!*
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logo
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NTDB id 1033979 AB9D59 RS20665 WP 018596707.1  GLSGEVRGVSQAQQRVKEAEKMGFTTCIMPKANLEGLQGDFKIALIGVGNIKEVMGYI...  458
NTDB id 125 BSU 00870 NP 387968.1              GLTGEVRRVSRIEQRVKEAAKLGFKRMIIPAANLDGWTKPKGIEVIGVANVAEALRTSLGG  458
NTDB id 509 SM12261 RS00130 WP 078228442.1     GLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA.  453
NTDB id 537 SMSK321 RS07120 WP 080550752.1     GLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA.  453
NTDB id 279 KZH43 RS00140 WP 074017595.1       GLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.  453
NTDB id 238 SPD RS00140 WP 074017595.1         GLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.  453
NTDB id 204 SPR RS00140 WP 074017595.1         GLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.  453
NTDB id 169 SP RS00155 WP 074017595.1          GLTGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.  453
consensus                                      !!*!!*!*!****!!**!!*!*!!*****!***!*!** ***!**!!!****!*******
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X non conserved

X similar

X $\geq$ 50% conserved