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logo

NTDB id 125 BSU 00870 NP 387968.1          ....................MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAAFSHSVQTVQKPSPITSIE   66
NTDB id 61730 SAIN RS00895 WP 142350297.1  MVCGQVVLEALGIKKEESIIAKKKSTFVCQNCEYHSPKYLGRCPNCGAWSSFVEEVEVTEVKNARVSLTGEK...SRPMKLAEVT   82
NTDB id 279 KZH43 RS00140 WP 074017595.1   ....................MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGEK...TKPMKLAEVT   63
NTDB id 238 SPD RS00140 WP 074017595.1     ....................MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGEK...TKPMKLAEVT   63
NTDB id 204 SPR RS00140 WP 074017595.1     ....................MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGEK...TKPMKLAEVT   63
NTDB id 169 SP RS00155 WP 074017595.1      ....................MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGEK...TKPMKLAEVT   63
NTDB id 537 SMSK321 RS07120 WP 080550752.1 ....................MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGEK...TKPMKLAEVT   63
NTDB id 509 SM12261 RS00130 WP 078228442.1 ....................MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGEK...TKPMKLAEVT   63
consensus                                   *!!*!**!*!!*!*!*!!!**!*!!*!!*!***!!!*******!*!*******    **!*******

logo

NTDB id 125 BSU 00870 NP 387968.1          TSEEPRVKTQLGEFNRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVL  151
NTDB id 61730 SAIN RS00895 WP 142350297.1  SINVNRTKTDMDEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSHK.GTVLYVSGEESAEQIKLRAERLGDIDSEFYLY  166
NTDB id 279 KZH43 RS00140 WP 074017595.1   SINVNRTKTEMEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLY  147
NTDB id 238 SPD RS00140 WP 074017595.1     SINVNRTKTEMEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLY  147
NTDB id 204 SPR RS00140 WP 074017595.1     SINVNRTKTEMEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLY  147
NTDB id 169 SP RS00155 WP 074017595.1      SINVNRTKTEMEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLY  147
NTDB id 537 SMSK321 RS07120 WP 080550752.1 SINVNRTKTEMEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLY  147
NTDB id 509 SM12261 RS00130 WP 078228442.1 SINVNRTKTEMEEFNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLY  147
consensus                                  *****!*!!***!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!** **!!!*!!!!!**!*!!!!*!!!*********

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NTDB id 125 BSU 00870 NP 387968.1          SETDMEYISSAIQEMNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDT  236
NTDB id 61730 SAIN RS00895 WP 142350297.1  AETNMHQIRAEIEKIKPDFLIIDSIQTILSPEISSVQGSVSQVREVTAELMQLAKTNNIATFIVGHMTKEGTLAGPRTLEHMVDT  251
NTDB id 279 KZH43 RS00140 WP 074017595.1   AETNMQSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDT  232
NTDB id 238 SPD RS00140 WP 074017595.1     AETNMQSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDT  232
NTDB id 204 SPR RS00140 WP 074017595.1     AETNMQSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDT  232
NTDB id 169 SP RS00155 WP 074017595.1      AETNMQSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDT  232
NTDB id 537 SMSK321 RS07120 WP 080550752.1 AETNMQSVRAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDT  232
NTDB id 509 SM12261 RS00130 WP 078228442.1 AETNMQSVRTEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDT  232
consensus                                  *!!*!**********!*!***!!!!!*****!****!!!!!!!!!*!!!!!**!!!**!**!!!!!*!!!!**!!!!*!!!!!!!

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NTDB id 125 BSU 00870 NP 387968.1          VLYFEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPTSFG  321
NTDB id 61730 SAIN RS00895 WP 142350297.1  VLYFEGERQHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQLFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFG  336
NTDB id 279 KZH43 RS00140 WP 074017595.1   VLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFG  317
NTDB id 238 SPD RS00140 WP 074017595.1     VLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFG  317
NTDB id 204 SPR RS00140 WP 074017595.1     VLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFG  317
NTDB id 169 SP RS00155 WP 074017595.1      VLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFG  317
NTDB id 537 SMSK321 RS07120 WP 080550752.1 VLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFG  317
NTDB id 509 SM12261 RS00130 WP 078228442.1 VLYFEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFG  317
consensus                                  !!!!!!!!*!!!!!!!!!!!!!!!!!!!!*!!!!!***!!*!!!!!!**!!!!!**!**!!!!***!!!!!!!!!*!*!!!**!!*!!
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logo
NTDB id 125 BSU 00870 NP 387968.1          NPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVGLTGEVRRV   406
NTDB id 61730 SAIN RS00895 WP 142350297.1  NAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDLPTNPQECFIGEIGLTGEIRRV   421
NTDB id 279 KZH43 RS00140 WP 074017595.1   NAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRV   402
NTDB id 238 SPD RS00140 WP 074017595.1     NAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRV   402
NTDB id 204 SPR RS00140 WP 074017595.1     NAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRV   402
NTDB id 169 SP RS00155 WP 074017595.1      NAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRV   402
NTDB id 537 SMSK321 RS07120 WP 080550752.1 NAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRV   402
NTDB id 509 SM12261 RS00130 WP 078228442.1 NAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRV   402
consensus                                  !**!**!!*!*!!*!!*!!!!!!!*!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!*****!!!!**!*!*!!**!!*!!*!!!!!*!!!
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logo
NTDB id 125 BSU 00870 NP 387968.1          SRIEQRVKEAAKLGFKRMIIPAANLDGWTKPKGIEVIGVANVAEALRTSLGG   458
NTDB id 61730 SAIN RS00895 WP 142350297.1  NRIEQRINEAAKLGFTKVYAPKNSLNGLNIPETIEVIGVTTIGEVLKKVFG.   472
NTDB id 279 KZH43 RS00140 WP 074017595.1   NRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 238 SPD RS00140 WP 074017595.1     NRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 204 SPR RS00140 WP 074017595.1     NRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 169 SP RS00155 WP 074017595.1      NRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1 NRIEQRINEAAKLGFTKIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA.   453
NTDB id 509 SM12261 RS00130 WP 078228442.1 NRIEQRINEAAKLGFTKIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA.   453
consensus                                  *!!!!!**!!!!!!!*****!***!*!***!**!*!!!!****!*!*****
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X non conserved

X similar

X ≥ 50% conserved