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logo
NTDB id 293133 SALB1 RS17035 WP 109995516.1   MAKSKTVFVCDQCGSTQPKWSGQCPDCGAWNTLTESVPAAPSRPGVAAPPVSFGDT...TPQVQKLNAIKPRETPRTPTG   77
NTDB id 125 BSU 00870 NP 387968.1             MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANR....RAAFSHSVQTVQKPSPITSIETSEEPRVKTQ   76
NTDB id 279 KZH43 RS00140 WP 074017595.1      MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNA....RVSLTGE...KTKPMKLAEVTSINVNRTKTE   73
NTDB id 238 SPD RS00140 WP 074017595.1        MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNA....RVSLTGE...KTKPMKLAEVTSINVNRTKTE   73
NTDB id 204 SPR RS00140 WP 074017595.1        MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNA....RVSLTGE...KTKPMKLAEVTSINVNRTKTE   73
NTDB id 169 SP RS00155 WP 074017595.1         MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNA....RVSLTGE...KTKPMKLAEVTSINVNRTKTE   73
NTDB id 537 SMSK321 RS07120 WP 080550752.1    MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNA....RVSLTGE...KTKPMKLAEVTSINVNRTKTE   73
NTDB id 509 SM12261 RS00130 WP 078228442.1    MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNA....RVSLTGE...KTKPMKLAEVTSINVNRTKTE   73
consensus                                     !!!*!**!*!**!!***!!**!*!!*!!*!****!**********    *******   ****************!**!*

logo
NTDB id 293133 SALB1 RS17035 WP 109995516.1   LSELDRVLGGGLVPGSVILIGGDPGIGKSTLLLQVLAQLSAD.IPALYDTGEESLEQVQLRAQRLGVADADLSVLAETCV   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                                     **!**!!!!!!*!*!!**!!!!!!!!!!!!!!!!!!**!!!** ***!!**!!!!**!**!!!*!!!**********!!**

logo
NTDB id 293133 SALB1 RS17035 WP 109995516.1   ERVLALAKPQAPRLLVIDSIQTVFSQALSSAPGSVSQVRESASMLVRFAKATGTALIIVGHVTKEGTIAGPRVLEHMVDT   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                                     ***********!*****!!!!!**********!!!!!!!!****!***!!*******!!!!!!!!**!!!!*!!!!!!!

logo
NTDB id 293133 SALB1 RS17035 WP 109995516.1   VLYFEAEASSRFRVIRAVKNRFGAVNELGVFAMSGAGLKQVTNPSAIFLSRHETAVPGSAVMVTREGSRPMLVEVQALVD   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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logo
NTDB id 293133 SALB1 RS17035 WP 109995516.1   GSQLHNPRRVALGPDSQRLAMLLAVLHRHGGIALGDQDVFVNVVGGMRVTETAADLAVVLAALSSFRDKALGEKLIIFGE   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                                     *****!**!***!*!**!*****!!!****!**!**!!******!!****!*!*!!!******!!**!**********!!

logo
NTDB id 293133 SALB1 RS17035 WP 109995516.1   IGLAGEIRPVPGGEDRLREAAKHGFTRAIVPKANAPRSRRVGDLEVVPVARLGEAIEAVVG.   457
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 $\geq$ 50% conserved