logo
NTDB id 129273 KU46 RS04550 WP 012279927.1 MAKQKTIFICQECGASSPRWQGQCHNCNQWNTFVEEIKPDPKKTPIARAGFAGS...ISKATALADIKGKEHSRMSTNISEFDRV 82
NTDB id 125 BSU 00870 NP 387968.1 MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPA..NRRAAFSHSVQTVQKPSPITSIETSEEPRVKTQLGEFNRV 83
NTDB id 509 SM12261 RS00130 WP 078228442.1 MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVK..NARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRV 80
NTDB id 279 KZH43 RS00140 WP 074017595.1 MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVK..NARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRV 80
NTDB id 238 SPD RS00140 WP 074017595.1 MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVK..NARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRV 80
NTDB id 204 SPR RS00140 WP 074017595.1 MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVK..NARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRV 80
NTDB id 169 SP RS00155 WP 074017595.1 MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVK..NARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRV 80
NTDB id 537 SMSK321 RS07120 WP 080550752.1 MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVK..NARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEEFNRV 80
consensus

logo
NTDB id 129273 KU46 RS04550 WP 012279927.1 LGGGIVKGSVTLVGGDPGIGKSSILLQIMSFLSLQ.KKVLYVSGEESLEQIALRAERLNLPKDNLLVMCETNIEQISSYMIEHKP 166
NTDB id 125 BSU 00870 NP 387968.1 LGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDMEYISSAIQEMNP 168
NTDB id 509 SM12261 RS00130 WP 078228442.1 LGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRTEVERIQP 164
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 537 SMSK321 RS07120 WP 080550752.1 LGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSVRAEVERIQP 164
consensus

logo
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NTDB id 509 SM12261 RS00130 WP 078228442.1 DFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRA 249
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 537 SMSK321 RS07120 WP 080550752.1 DFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLYFEGERHHTFRILRA 249
consensus

logo
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NTDB id 125 BSU 00870 NP 387968.1 VKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPTSFG.NPRRMATGIDHNRVSL 337
NTDB id 509 SM12261 RS00130 WP 078228442.1 VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFG.NAKRTTTGLDFNRASL 333
NTDB id 279 KZH43 RS00140 WP 074017595.1 VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFG.NAKRTTTGLDFNRASL 333
NTDB id 238 SPD RS00140 WP 074017595.1 VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFG.NAKRTTTGLDFNRASL 333
NTDB id 204 SPR RS00140 WP 074017595.1 VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFG.NAKRTTTGLDFNRASL 333
NTDB id 169 SP RS00155 WP 074017595.1 VKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTMFG.NAKRTTTGLDFNRASL 333
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consensus

logo

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NTDB id 125 BSU 00870 NP 387968.1            LMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVGLTGEVRRVSRIEQRVKEAAKLGFK   422
NTDB id 509 SM12261 RS00130 WP 078228442.1   IMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFT   418
NTDB id 279 KZH43 RS00140 WP 074017595.1     IMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFT   418
NTDB id 238 SPD RS00140 WP 074017595.1       IMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFT   418
NTDB id 204 SPR RS00140 WP 074017595.1       IMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFT   418
NTDB id 169 SP RS00155 WP 074017595.1        IMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFT   418
NTDB id 537 SMSK321 RS07120 WP 080550752.1   IMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGLTGEIRRVNRIEQRINEAAKLGFT   418
consensus                                    **!**********!***!**!***!!*!**!**!!!!****!*!!*************!!*!!*!!*!*!*****!**!!*!*!!*
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NTDB id 129273 KU46 RS04550 WP 012279927.1   KIIPQANVSKSLKTNGIEIIGITNLNQIKDIIAG.   456
NTDB id 125 BSU 00870 NP 387968.1            RMITPAANLDGWTKPKGIEVIGVANVAEALRTSLGG   458
NTDB id 509 SM12261 RS00130 WP 078228442.1   KIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 279 KZH43 RS00140 WP 074017595.1     KIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 238 SPD RS00140 WP 074017595.1       KIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 204 SPR RS00140 WP 074017595.1       KIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 169 SP RS00155 WP 074017595.1        KIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA.   453
NTDB id 537 SMSK321 RS07120 WP 080550752.1   KIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA.   453
consensus                                    ****!********  ***!**!!**************
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X non conserved

X similar

X ≥ 50% conserved