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NTDB id 175966 PA8281 RS27135 WP 003094867.1  MAKAKRMYGCTECGATFPKWAGQCADCGAWNTLVETVVEAAPSGSGRGGWAGQ...QANLKTLAEVSVEEMPRFTTGSTE  77
NTDB id 125 BSU 00870 NP 387968.1             MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRR.AAFSHSVQTVQKPSPITSIETSEEPRVKTQLGE  79
NTDB id 279 KZH43 RS00140 WP 074017595.1      MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR.VSLTGE...KTKPMKLAEVTSINVNRTKTEMEE  76
NTDB id 238 SPD RS00140 WP 074017595.1        MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR.VSLTGE...KTKPMKLAEVTSINVNRTKTEMEE  76
NTDB id 204 SPR RS00140 WP 074017595.1        MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR.VSLTGE...KTKPMKLAEVTSINVNRTKTEMEE  76
NTDB id 169 SP RS00155 WP 074017595.1         MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR.VSLTGE...KTKPMKLAEVTSINVNRTKTEMEE  76
NTDB id 537 SMSK321 RS07120 WP 080550752.1    MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR.VSLTGE...KTKPMKLAEVTSINVNRTKTEMEE  76
NTDB id 509 SM12261 RS00130 WP 078228442.1    MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNAR.VSLTGE...KTKPMKLAEVTSINVNRTKTEMEE  76
consensus                                     !!!*!****!**!!***!!**!*!**!!*!***!!********** ******  ****************!**!***!
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NTDB id 125 BSU 00870 NP 387968.1             FNRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDMEYI  159
NTDB id 279 KZH43 RS00140 WP 074017595.1      FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV  155
NTDB id 238 SPD RS00140 WP 074017595.1        FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV  155
NTDB id 204 SPR RS00140 WP 074017595.1        FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV  155
NTDB id 169 SP RS00155 WP 074017595.1         FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV  155
NTDB id 537 SMSK321 RS07120 WP 080550752.1    FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV  155
NTDB id 509 SM12261 RS00130 WP 078228442.1    FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV  155
consensus                                     **!!!!!!*!*!!*!!!!!!!!!!!!!!!*!!!****!*** ***!!**!!!!**!***!!*!!***********!!***** 
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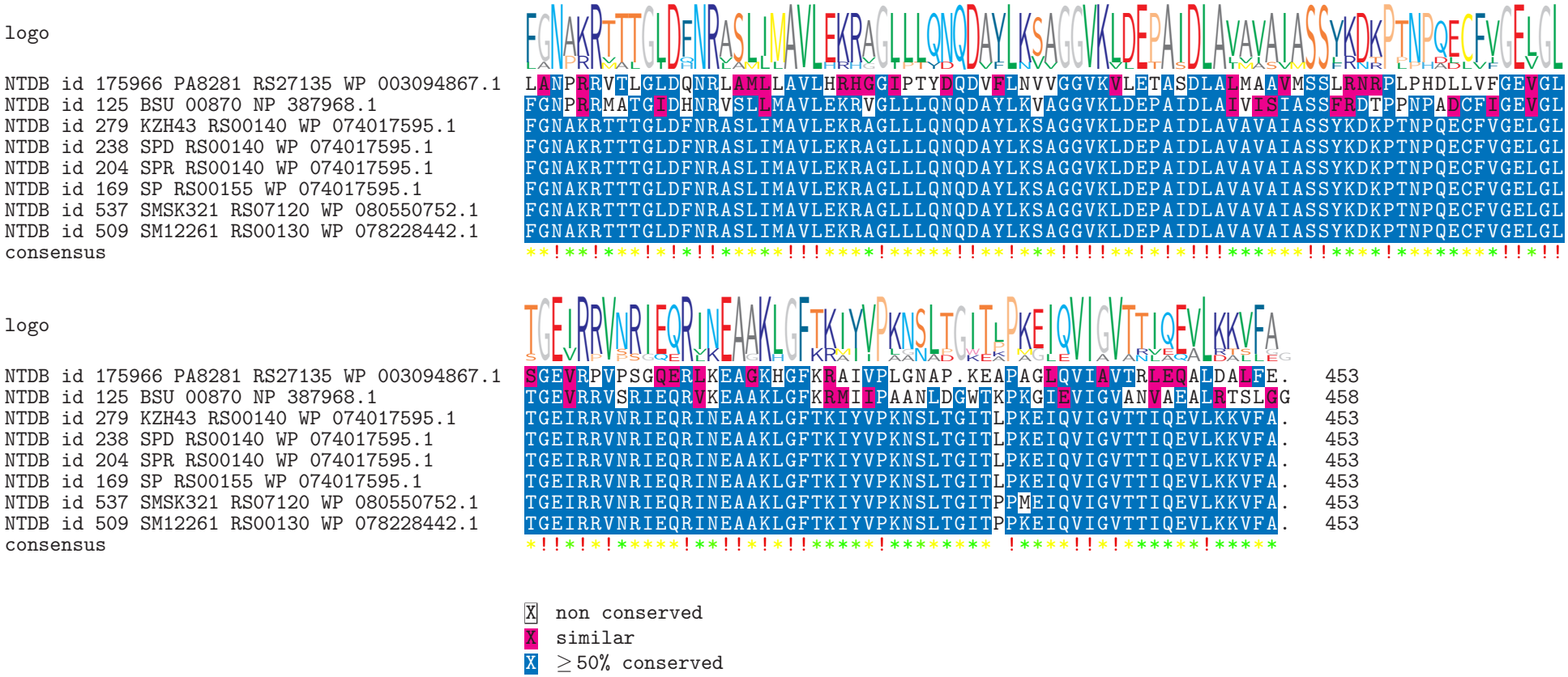


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NTDB id 125 BSU 00870 NP 387968.1             SSAIQEMNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTVLY  239
NTDB id 279 KZH43 RS00140 WP 074017595.1      RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY  235
NTDB id 238 SPD RS00140 WP 074017595.1        RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY  235
NTDB id 204 SPR RS00140 WP 074017595.1        RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY  235
NTDB id 169 SP RS00155 WP 074017595.1         RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY  235
NTDB id 537 SMSK321 RS07120 WP 080550752.1    RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY  235
NTDB id 509 SM12261 RS00130 WP 078228442.1    RTEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY  235
consensus                                     ********!*****!!!!!**********!*!*!!!!**!*!***!!*****!!*!!!!!!!!**!!!!*!!!!!!!!!!
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NTDB id 125 BSU 00870 NP 387968.1             FEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPTS  319
NTDB id 279 KZH43 RS00140 WP 074017595.1      FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM  315
NTDB id 238 SPD RS00140 WP 074017595.1        FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM  315
NTDB id 204 SPR RS00140 WP 074017595.1        FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM  315
NTDB id 169 SP RS00155 WP 074017595.1         FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM  315
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NTDB id 509 SM12261 RS00130 WP 078228442.1    FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM  315
consensus                                     !!!!******!*!!!!!!!!!!**!!*!*!*!***!!*!!*!!!**!!*********!!*******!!*!!*!*!*!!!***** 
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NTDB id 175966 PA8281 RS27135 WP 003094867.1 LANPRRVTLGLDQNRLAMLLAVLHRHGGIPTYDQDVFLNVVGGVKVLETASDLALMAAVMSSLRNRPLPHDLLVFGEVGL 396
NTDB id 125 BSU 00870 NP 387968.1 FGNPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVGL 399
NTDB id 279 KZH43 RS00140 WP 074017595.1 FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL 395
NTDB id 238 SPD RS00140 WP 074017595.1 FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL 395
NTDB id 204 SPR RS00140 WP 074017595.1 FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL 395
NTDB id 169 SP RS00155 WP 074017595.1 FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL 395
NTDB id 537 SMSK321 RS07120 WP 080550752.1 FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL 395
NTDB id 509 SM12261 RS00130 WP 078228442.1 FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL 395
consensus
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NTDB id 175966 PA8281 RS27135 WP 003094867.1 SGEVRPVPSGQERLKEAGKHGFKRAIVPLGNAP.KEAPAGLQVIAVTRLEQALDALFE. 453
NTDB id 125 BSU 00870 NP 387968.1 TGEVRRVSRIEQRVKEAAKLGFKRMITPAANLDGWTKPKGIEVIGVANVAEALRTSLGG 458
NTDB id 279 KZH43 RS00140 WP 074017595.1 TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA. 453
NTDB id 238 SPD RS00140 WP 074017595.1 TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA. 453
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NTDB id 537 SMSK321 RS07120 WP 080550752.1 TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA. 453
NTDB id 509 SM12261 RS00130 WP 078228442.1 TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA. 453
consensus
X non conserved
X similar
X ≥ 50% conserved