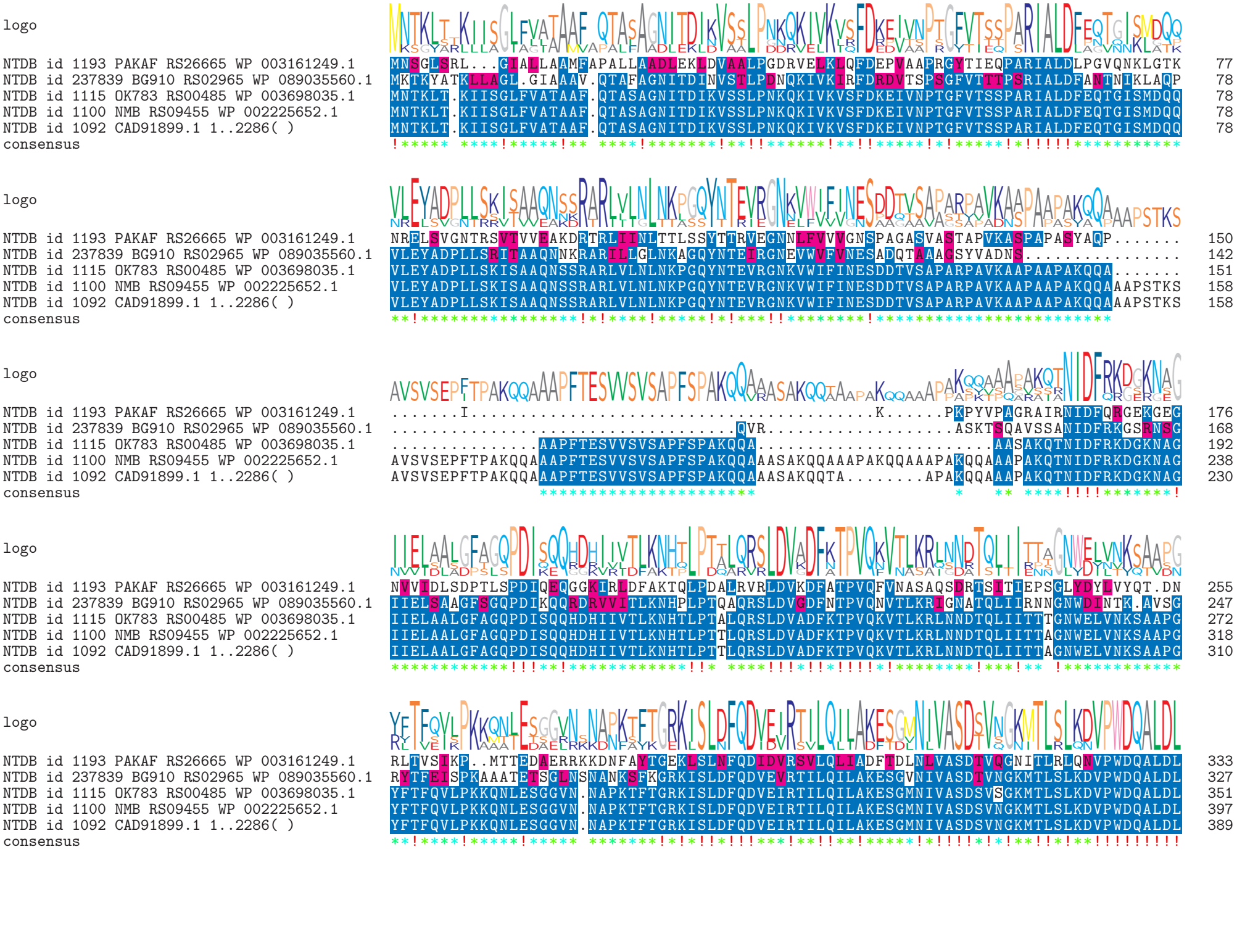
logo
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NTDB id 237839 BG910 RS02965 WP 089035560.1 MKTKYATKLLAGL.GIAAAV.QTAFAGNITDINVSTLPDNQKIVKIRFDRDVTSPSGFVTTTPSRIALDFANTNIKLAQP 78
NTDB id 1115 OK783 RS00485 WP 003698035.1 MNTKLT.KIISGLFVATAAF.QTASAGNITDIKVSSLPNKQKIVKVSFDKEIVNPTGFVTSSPARIALDFEQTGISMDQQ 78
NTDB id 1100 NMB RS09455 WP 002225652.1 MNTKLT.KIISGLFVATAAF.QTASAGNITDIKVSSLPNKQKIVKVSFDKEIVNPTGFVTSSPARIALDFEQTGISMDQQ 78
NTDB id 1092 CAD91899.1 1..2286( ) MNTKLT.KIISGLFVATAAF.QTASAGNITDIKVSSLPNKQKIVKVSFDKEIVNPTGFVTSSPARIALDFEQTGISMDQQ 78
consensus
logo
NTDB id 1193 PAKAF RS26665 WP 003161249.1 NRELSVGNTRSVTVVEAKDRTRLIINLTTLSSYTTRVEGNNLFVVVGNSPAGASVASTAPVKASPAPASYAQP..... 150
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NTDB id 1115 OK783 RS00485 WP 003698035.1 VLEYADPLLSKISAAQNSSRARLVLNLNKPGQYNTEVRGNKVWIFINESDDTVSAPARPAVKAAPAAPAKQQA..... 151
NTDB id 1100 NMB RS09455 WP 002225652.1 VLEYADPLLSKISAAQNSSRARLVLNLNKPGQYNTEVRGNKVWIFINESDDTVSAPARPAVKAAPAAPAKQQAAAPSTKS 158
NTDB id 1092 CAD91899.1 1..2286( ) VLEYADPLLSKISAAQNSSRARLVLNLNKPGQYNTEVRGNKVWIFINESDDTVSAPARPAVKAAPAAPAKQQAAAPSTKS 158
consensus
logo
NTDB id 1193 PAKAF RS26665 WP 003161249.1 .......I.....K.....PKPYVPAGRAIRNIDFQRGEKGEG 176
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NTDB id 1100 NMB RS09455 WP 002225652.1 AVSVSEPFTPAKQQAAAPFTESVVSVSAPFSPAKQQAAASAKQQAAAPAKQQAAAPAKQQAAAPAKQTNIDFRKDGKNAG 238
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consensus
logo
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NTDB id 237839 BG910 RS02965 WP 089035560.1 IIELSAAGFSGQPDIKQQRDRVVITLKNHPLPTQAQRSLDVGDFNTPVQNVTLKRIGNATQLIIRNNGNWDINTK.AVSG 247
NTDB id 1115 OK783 RS00485 WP 003698035.1 IIELAALGFAGQPDISQQHDHIIVTLKNHTLPTALQRSLDVADFKTPVQKVTLKRLNNDTQLIITTTGNWELVNKSAAPG 272
NTDB id 1100 NMB RS09455 WP 002225652.1 IIELAALGFAGQPDISQQHDHIIVTLKNHTLPTTLQRSLDVADFKTPVQKVTLKRLNNDTQLIITTAGNWELVNKSAAPG 318
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consensus
logo
NTDB id 1193 PAKAF RS26665 WP 003161249.1 RLTVSIKP..MTTEDAERRKKDNFAYTGEKLSLNFQDIDVRSVLQLIADFTDLNLVASDTVQGNITLRLQNVPWDQALDL 333
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NTDB id 1115 OK783 RS00485 WP 003698035.1 YFTFQVLPKKQNLESGGVN.NAPKTFTGRKISLDFQDVEIRTILQILAKESGMNIVASDSVSGKMTLSLKDVPWDQALDL 351
NTDB id 1100 NMB RS09455 WP 002225652.1 YFTFQVLPKKQNLESGGVN.NAPKTFTGRKISLDFQDVEIRTILQILAKESGMNIVASDSVNGKMTLSLKDVPWDQALDL 397
NTDB id 1092 CAD91899.1 1..2286( ) YFTFQVLPKKQNLESGGVN.NAPKTFTGRKISLDFQDVEIRTILQILAKESGMNIVASDSVNGKMTLSLKDVPWDQALDL 389
consensus

logo

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NTDB id 237839 BG910 RS02965 WP 089035560.1 VMQARNLDMRRQGNIINIAPRDELLAKDKAFLQAEKEISELGPLYSQTFQLKYKNVEEFRKILRLDDSGSSSSNGRNTLL  407
NTDB id 1115 OK783 RS00485 WP 003698035.1   VMQARNLDMRQQGNIVNIAPRDELLAKDKAFLQAEKDIADLGALYSQNFQLKYKNVEEFRSILRLDNADT..TGNRNTLV  429
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consensus                                   !*****!!*!**!!****!!*!!**!*****!*!*!*!**!**!*****!**!*****************  *******
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NTDB id 1115 OK783 RS00485 WP 003698035.1   SGRGSVLIDPATNTLIVTDTRSVIEKFRKLIDELDVPAQQVMIEARIVEAADGFSRDLGVKFGATGRKKLK.NETSAFGW  508
NTDB id 1100 NMB RS09455 WP 002225652.1     SGRGSVLIDPATNTLIVTDTRSVIEKFRKLIDELDVPAQQVMIEARIVEAADGFSRDLGVKFGATGKKKLK.NDTSAFGW  554
NTDB id 1092 CAD91899.1 1..2286( )          SGRGSVLIDPATNTLIVTDTRSVIEKFRKLIDELDVPAQQVMIEARIVEAADGFSRDLGVKFGATGKKKLK.NDTSAFGW  546
consensus                                   **!!!***!**!!**!**********!*****!!****!!!*!!!!!!!**!****!!!**!********* ******!*
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NTDB id 1193 PAKAF RS26665 WP 003161249.1   DGNIGIKDEDGMNCGPIAGSCTFPTTGTSKSPSPFVDLGAKDATSGIGIGFITDNIILDLQLSAMEKTGNGEIVSQPKVV  565
NTDB id 237839 BG910 RS02965 WP 089035560.1 GSSL.............SNAHSAAGG.SFNLSPNISLPVASATSSIALVRSVASGALGLELSASESQEKSKTLSNPRVL  552
NTDB id 1115 OK783 RS00485 WP 003698035.1   GVNS.............G...FGGGD.KWEAQTKINLPVAAAANSISLVRAISSGALNLELSASESLSKTKTLANPRVL  570
NTDB id 1100 NMB RS09455 WP 002225652.1     GVNS.............G...FGGDD.KWGAETKINLPITAAANSISLVRAISSGALNLELSASESLSKTKTLANPRVL  616
NTDB id 1092 CAD91899.1 1..2286( )          GVNS.............G...FGGDD.KWGAETKINLPITAAANSISLVRAISSGALNLELSASESLSKPKTLANPRVL  608
consensus                                   ****            *   *** * ** * ****!** *!***!**********!*!*!!!*!*****!****!*!*
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NTDB id 1193 PAKAF RS26665 WP 003161249.1   TSDKETAKILKGSEVPYQEASSSG...ATSTSFKEAALSLEVTPQITPDNRIIVEVKVTKDAPDYQNMLNG.VPPINKNE  641
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NTDB id 1115 OK783 RS00485 WP 003698035.1   TQNRKEAKIESGYEIPFTVTTASGGGNSTNTELKKAVLGLTVTPNITPDGQIIMTVKINKDSPAQCASGNNTILCISTKS  650
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NTDB id 1092 CAD91899.1 1..2286( )          TQNRKEAKIESGYEIPFTVTSIANGGSSTNTELKKAVLGLTVTPNITPDGQIIMTVKINKDSPAQCASGNQTILCISTKN  688
consensus                                   !*****!*!**!*!*!***** **** *!****!*!*!*!*!!!*!!!!**!!**!!**!!*!********!****!****
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NTDB id 1193 PAKAF RS26665 WP 003161249.1   VNAKILVNDGETIVIGGVFSNEQSKSVEKVPFLGELPYLGRLFRRDTVTDRKNELLVFLTPRIMNNQAIAIGR.   714
NTDB id 237839 BG910 RS02965 WP 089035560.1 LNTQAMVEDGGTLIIGGIYEEENGTITNKVPLLGDIPVVGNLFKSRGRSDKKRELLVFITPRIMDSAGSNLRY.   702
NTDB id 1115 OK783 RS00485 WP 003698035.1   LNTQAMVENGGTLIVGGIYEENNGNTLTKVPLLGDIPVIGNLFKTRGKKTDRRELLIFITPRIIDTAGNSLRY.   723
NTDB id 1100 NMB RS09455 WP 002225652.1     LNTQAMVENGGTLIVGGIYEEDNGNTLTKVPLLGDIPVIGNLFKTRGKKTDRRELLIFITPRIMGTAGNSLRY.   769
NTDB id 1092 CAD91899.1 1..2286( )          LNTQAMVENGGTLIVGGIYEEDNGNTLTKVPLLGDIPVIGNLFKTRGKKTDRRELLIFITPRIMGTAGNSLRY*   761
consensus                                   *!****!**!*!***!!*************!!!*!!**!**!*!!***********!!!*!*!!!!* ********
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X non conserved
X similar
X $\geq$ 50% conserved