logo

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NTDB id 146 SP RS08570 WP 000614538.1          MIQIGKIFAGRYRIVKQIGRGGMADVYLAKDLILDGEEVAVKVLRTNYQTDPIAVARFQREARAMADLDHPHIVRITDIG  80
NTDB id 216 SPD RS08205 WP 000614552.1         MIQIGKIFAGRYRIVKQIGRGGMADVYLAKDLILDGEEVAVKVLRTNYQTDPIAVARFQREARAMADLDHPHIVRITDIG  80
NTDB id 182 SPR RS07820 WP 000614552.1         MIQIGKIFAGRYRIVKQIGRGGMADVYLAKDLILDGEEVAVKVLRTNYQTDPIAVARFQREARAMADLDHPHIVRITDIG  80
NTDB id 257 KZH43 RS07655 WP 220041236.1       MIQIGKIFAGRYRIVKQIGRGGMADVYLAKDLILDGEEVAVKVLRTNYQTDPIAVARFQREARAMADLDHPHIVRITDIG  80
NTDB id 467 HSISS4 RS06915 WP 021143821.1      MIQVGKLFAGRYRILKSIGRGGMADVYLANDLILDNEEVAIKVLRTNYQTDQVAVARFQREARAMAELSHPNIVAIRDIG  80
NTDB id 400478 GJS32 RS08220 WP 138119682.1    MIQIGKLFAGRYRILKSIGRGGMADVYLANDLILDNEDVAIKVLRTNYQTDQVAVARFQREARAMAELNHPNIVAIRDIG  80
NTDB id 384 SMU RS02325 WP 002263039.1         MIQIGKLFAGRYRILQSIGRGGMADVYLANDLILDNEEVAIKVLRTNYQTDQVAVTRFQREARAMAELNHPNIVAIRDIG  80
consensus                                      !!!*!!*!!!!!!!***!!!!!!!!!!!!!*!!!!!*!*!!*!!!!!!!!!!!**!!*!!!!!!!!!!*!*!!*!!*!*!!!!
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NTDB id 146 SP RS08570 WP 000614538.1          EEDGQQYLAMEYVAGLDLKRYIKEHYPLSNEEAVRIMGQILLAMRLAHTRGIVHRDLKPQNILLTPDGTAKVTDFGIAVA  160
NTDB id 216 SPD RS08205 WP 000614552.1         EEDGQQYLAMEYVAGLDLKRYIKEHYPLSNEEAVRIMGQILLAMRLAHTRGIVHRDLKPQNILLTPDGTAKVTDFGIAVA  160
NTDB id 182 SPR RS07820 WP 000614552.1         EEDGQQYLAMEYVAGLDLKRYIKEHYPLSNEEAVRIMGQILLAMRLAHTRGIVHRDLKPQNILLTPDGTAKVTDFGIAVA  160
NTDB id 257 KZH43 RS07655 WP 220041236.1       EEDGQQYLAMEYVAGLDLKRYTKEHYPLSNEEAVRIMGQILLAMRLAHTRGIVHRDLKPQNILLTPDGTAKVTDFGIAVA  160
NTDB id 467 HSISS4 RS06915 WP 021143821.1      EEDGQQFLVMEYVDGSDLKKYIQDHAPLSNQDVVRIMGEVLSAMTLAHQKGIIHRDLKPQNVLLTKDGTAKVTDFGIAVA  160
NTDB id 400478 GJS32 RS08220 WP 138119682.1    EEDGQQFLVMEYVDGSDLKKYIQDHAPLSNNEVVRIMEEVLSAMTLAHQKGIVHRDLKPQNILLTKSGVVKVTDFGIAVA  160
NTDB id 384 SMU RS02325 WP 002263039.1         EEDGQQFLAMEYVDGADLKKYIQDHAPLSNAEVIRIMKEVLSAMTLAHQKGIIHRDLKPQNVLLTKDGTAKVTDFGIAVA  160
consensus                                      !!!!!!*!*!!!!*!*!!!*!***!*!!!!*****!!!***!*!!*!!!**!!*!!!!!!!!*!!!**!**!!!!!!!!!!
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NTDB id 146 SP RS08570 WP 000614538.1          FAETSLTQTNSMLGSVHYLSPEQARGSKATVQSDIYAMGIIFYEMLTGHIPYDGDSAVTIALQHFQKPLPSVIAENPSVP  240
NTDB id 216 SPD RS08205 WP 000614552.1         FAETSLTQTNSMLGSVHYLSPEQARGSKATVQSDIYAMGIIFYEMLTGHIPYDGDSAVTIALQHFQNPLPSVIAENSSVP  240
NTDB id 182 SPR RS07820 WP 000614552.1         FAETSLTQTNSMLGSVHYLSPEQARGSKATVQSDIYAMGIIFYEMLTGHIPYDGDSAVTIALQHFQNPLPSVIAENSSVP  240
NTDB id 257 KZH43 RS07655 WP 220041236.1       FAETSLTQTNSMLGSVHYLSPEQARGSKATVQSDIYAMGIIFYEMLTGHIPYDGDSAVTIALQHFQNPLPSVIAENSSVP  240
NTDB id 467 HSISS4 RS06915 WP 021143821.1      FAETSLTQTNSMLGSVHYLSPEQARGSKATIQSDIYAMGIMLFEMLTGHIPYDGDSAVTIALQHFQKPLPSILAENRNVP  240
NTDB id 400478 GJS32 RS08220 WP 138119682.1    FAETSLTQTNSMLGSVHYLSPEQARGSKATIQSDIYAMGIMLFEMLTGHIPYDGDSAVTIALQHFQKPLPSIIDENPNVP  240
NTDB id 384 SMU RS02325 WP 002263039.1         FAETSLTQTNSMLGSVHYLSPEQARGSKATVQSDIYAMGIMLFEMLTGHIPYDGDSAVTIALQHFQKPLPSIIAENKNVP  240
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!***!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!***!!  *!!
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NTDB id 146 SP RS08570 WP 000614538.1          QALENVIIKATAKKLTNRYRSVSEMYVDLSSSLSYNRRNESKLIFDETSKADTKTLPKVSQSTLTSIPKVQAQTEHKSI.  319
NTDB id 216 SPD RS08205 WP 000614552.1         QALENVIIKATAKKLTNRYRSVSEMYVDLSSSLSYNRRNESKLIFDETSKADTKTLPKVSQSTLTSIPKVQAQTEHKSI.  319
NTDB id 182 SPR RS07820 WP 000614552.1         QALENVIIKATAKKLTNRYRSVSEMYVDLSSSLSYNRRNESKLIFDETSKADTKTLPKVSQSTLTSIPKVQAQTEHKSI.  319
NTDB id 257 KZH43 RS07655 WP 220041236.1       QALENVIIKATAKKLTNRYRSVSEMYVDLSSSLSYNRRNESKLIFDETSKADTKTLPKVSQSTLTSIPKVQAQTEHKSI.  319
NTDB id 467 HSISS4 RS06915 WP 021143821.1      QALENVVIRATAKKLENRYNSTLEMSRDLVTSLHPSHRRDAKVVFDDMT..DTKTLPKVDPVPSASLEKKAVAAEPSEP.  317
NTDB id 400478 GJS32 RS08220 WP 138119682.1    QALENVVIRATAKKLSDRYRSTFEMSRDLMTALSYNRSRERKVIFDDVE..STKPLPKVTPAPITAPKVSAASQASGAAD  318
NTDB id 384 SMU RS02325 WP 002263039.1         QALENVVIKATAKRLTDRYHSTQEMLQDLRTSLQPNRSRERKLVFSDAS..DTKPLPKLEQAAANSLAAQSLKNKTSNQD  318
consensus                                      !!!!!!!*!*!!!!*!**!!*!**!!**!!***!*********!**!*******!!*!!!!**********************
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NTDB id 146 SP RS08570 WP 000614538.1      KNPSQAVTEE..TYQPQAPKKHRFKMRYLILLASLVLV.AASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGE  396
NTDB id 216 SPD RS08205 WP 000614552.1     KNPSQAVTEE..TYQPQAPKKHRFKMRYLILLASLVLV.AASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGE  396
NTDB id 182 SPR RS07820 WP 000614552.1     KNPSQAVTEE..TYQPQAPKKHRFKMRYLILLASLVLV.AASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGE  396
NTDB id 257 KZH43 RS07655 WP 220041236.1   KNPSQAVTEE..TYQPQAPKKHRFKMRYLILLASLVLV.AASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGE  396
NTDB id 467 HSISS4 RS06915 WP 021143821.1  .TPAPSKQPRKKTTPAKKKKKNFFSTLLKVFLGLVFIGIIIFAYLVFTNPDNVQVPNVVGQELSTAQTKIEGAGFKVGE  396
NTDB id 400478 GJS32 RS08220 WP 138119682.1 TRPEQTSQMDTLQKPQKKKKNGRFLGTLLKILFSFFVVGVALFAYLVLTKPTTVKVPDVTGSSLNAAKQVLEEAGLKVGK  398
NTDB id 384 SMU RS02325 WP 002263039.1     .KVDHKSKPKT.KPQPKPKKKRHFLARFFKIFFILVAIGIAVLTYLVLTKPSTVSVPDVSGDKLSTAKMIIRKSGLKVGD  396
consensus                                  ********** ********!***!*************** ***********!*****!*!*!*****!************!*
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NTDB id 146 SP RS08570 WP 000614538.1      EKTEASEKVEEGRIIRTDPGAGTGRKEGTKINLVVSSGKQSFQISNYVGRKSSDVIAELKEK.KVPDNLIKIEEEESNES  475
NTDB id 216 SPD RS08205 WP 000614552.1     EKTEASEKVEEGRIIRTDPGAGTGRKEGTKINLVVSSGKQSFQISNYVGRKSSDVIAELKEK.KVPDNLIKIEEEESNES  475
NTDB id 182 SPR RS07820 WP 000614552.1     EKTEASEKVEEGRIIRTDPGAGTGRKEGTKINLVVSSGKQSFQISNYVGRKSSDVIAELKEK.KVPDNLIKIEEEESNES  475
NTDB id 257 KZH43 RS07655 WP 220041236.1   EKTEASEKVEEGRIIRTDPGAGTGRKEGTKINLVVSSGKQSFQISNYVGRKSSDVIAELKEK.KVPDNLIKIEEEESNES  475
NTDB id 467 HSISS4 RS06915 WP 021143821.1  VKEVEDDSVDTGKVIKTDPTAGTTRKEGSSIDVYVSSGSKGFALKDYKGKNYKDAIEDLTSNFGVSEDQIDIQHVEDDSA  476
NTDB id 400478 GJS32 RS08220 WP 138119682.1 VHQIESDTVSEDQVVKTNPQAGSAKRKGSSVDLYLSIGNKGFEMENYKGQDYQDVMTSLTETYGVPKSKIKIERIVTNEY  478
NTDB id 384 SMU RS02325 WP 002263039.1     VQKIEDDNVGAGKVVRTNPSAGSKKREGSSVDIFVA.SAKGFKMEDYTGQDYKDAIDNLTNNYGVSRDSIVLKEVSSDDY  475
consensus                                  ********!*******!*!*!!*****!**********!****!*!****!****!***  *!****!**********
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NTDB id 146 SP RS08570 WP 000614538.1      EAGTVLKQSLPEGTTYDLSKA.TQIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEEEE..........S  544
NTDB id 216 SPD RS08205 WP 000614552.1     EAGTVLKQSLPEGTTYDLSKA.TQIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEEEE..........S  544
NTDB id 182 SPR RS07820 WP 000614552.1     EAGTVLKQSLPEGTTYDLSKA.TQIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEEEE..........S  544
NTDB id 257 KZH43 RS07655 WP 220041236.1   EAGTVLKQSLPEGTTYDLSKA.TQIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEEEE..........S  544
NTDB id 467 HSISS4 RS06915 WP 021143821.1  EEGEILSQSPGKNKSFNPKDSKAKIKFRVATPK.IVTMPDVTGLTVSTAVQTLNRKNISSSSIEYHDYNTGAK..LDKAK  553
NTDB id 400478 GJS32 RS08220 WP 138119682.1 PENTVISQSPSAGEKFNPAG.KSKITLSVAVGD.TVIMPMVTEYSYADAVNTLTALGIDAARIKAYTPSSSSPTGFVQVS  556
NTDB id 384 SMU RS02325 WP 002263039.1     SGGTVIGQSPKPGKTYHPSS.DKKITLKVV....KVTMPNLKNSTYEEAVSTLTAMGISSSRIKAYDASDYS....SEIS  546
consensus                                  *******!!************ **!***!************************!*********!******         *
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NTDB id 146 SP RS08570 WP 000614538.1      SESEPGTIMKQSPGAGTTYDVSKPTQIVLTVAKKVTSVAMPSYIGSSLEFTKNNLIQIVGIKEANIEVVEVTTAPAGSAE  624
NTDB id 216 SPD RS08205 WP 000614552.1     SESEPGTIMKQSPGAGTTYDVSKPTQIVLTVAKKVTSVAMPSYIGSSLEFTKNNLIQIVGIKEANIEVVEVTTAPAGSVE  624
NTDB id 182 SPR RS07820 WP 000614552.1     SESEPGTIMKQSPGAGTTYDVSKPTQIVLTVAKKVTSVAMPSYIGSSLEFTKNNLIQIVGIKEANIEVVEVTTAPAGSVE  624
NTDB id 257 KZH43 RS07655 WP 220041236.1   SESEPGTIMKQSPGAGTTYDVSKPTQIVLTVAKKVTSVAMPSYIGSSLEFTKNNLIQIVGIKEANIEVVEVTTAPAGSVE  624
NTDB id 467 HSISS4 RS06915 WP 021143821.1  IPSSTEI.....LYQDPQAGTSVDGTVILYVSVATASSSLQSSSSS.........................TTHSSS...  600
NTDB id 400478 GJS32 RS08220 WP 138119682.1 SPSSKAIVSGQTPYYGTQISLSEKGDISLYLYPEETRASSSSSSSD.........................TSAS.....  606
NTDB id 384 SMU RS02325 WP 002263039.1     SPSSSSLVVGQSPYYGNTVSLSSNDDILLYVSTSGGSHSGSSSSES.........................SNSE.G...  597
consensus                                  **!*********************!******!***********!*****************************  *
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NTDB id 146 SP RS08570 WP 000614538.1          GMVVEQSPRAGEKVDLN...KTRVKISIYKPKTTSATP   659
NTDB id 216 SPD RS08205 WP 000614552.1         GMVVEQSPRAGEKVDLN...KTRVKISIYKPKTTSATP   659
NTDB id 182 SPR RS07820 WP 000614552.1         GMVVEQSPRAGEKVDLN...KTRVKISIYKPKTTSATP   659
NTDB id 257 KZH43 RS07655 WP 220041236.1       GMVVEQSPRAGEKVDLN...KTRVKISIYKPKTTSATP   659
NTDB id 467 HSISS4 RS06915 WP 021143821.1      ......TSSSTDSTTSSTETSTEATHTELQ........   624
NTDB id 400478 GJS32 RS08220 WP 138119682.1    ......NPSAGDTTDSSSHTELGQNDAVITP.......   631
NTDB id 384 SMU RS02325 WP 002263039.1         ......TTSSEASTDSSSSATTTSH..............   616
consensus                                      ******************** ********************
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X non conserved

X similar

X ≥ 50% conserved