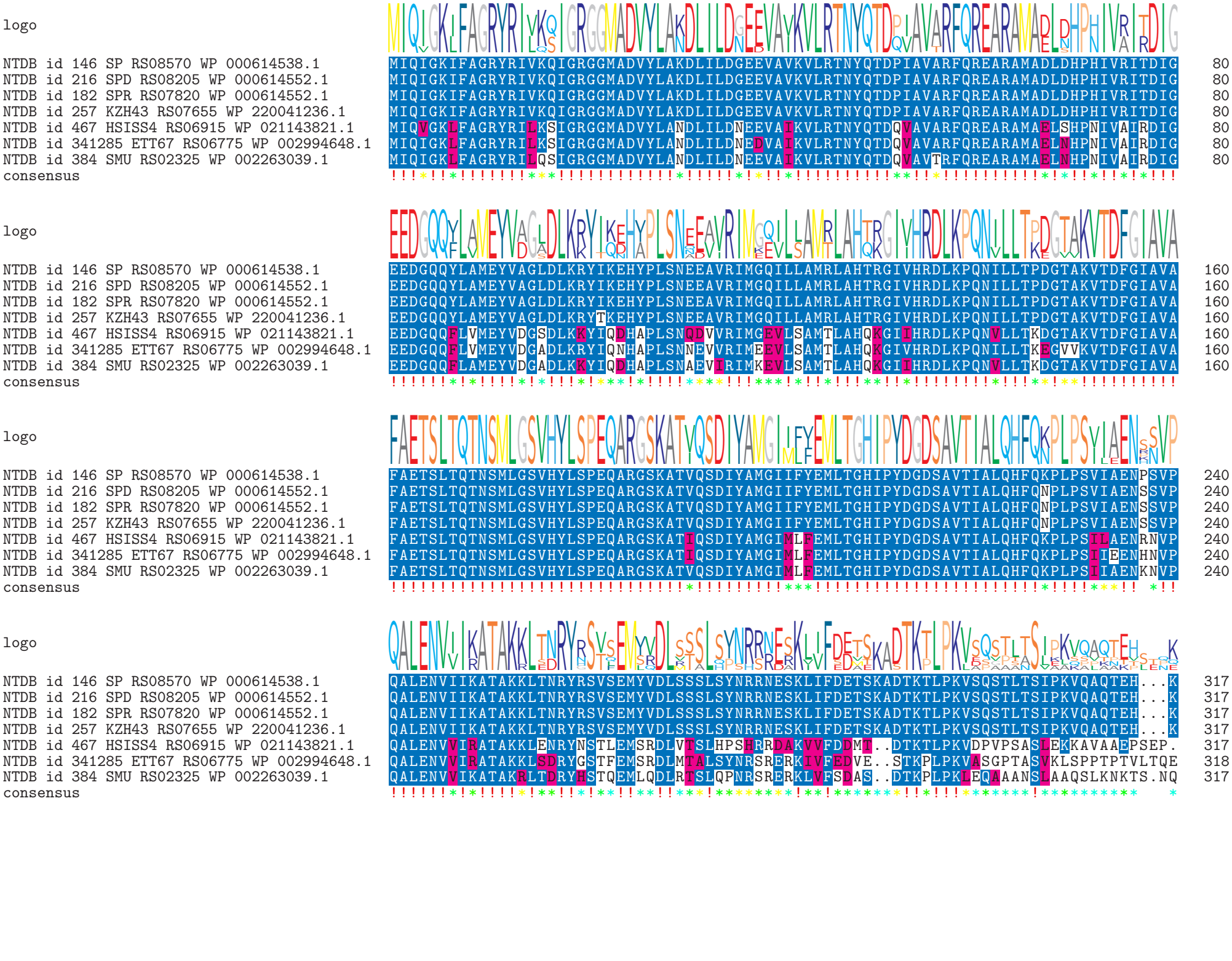
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NTDB id 146 SP RS08570 WP 000614538.1 MIQIGKIFAGRYRIVKQIGRGGMADVYLAKDLILDGEEVAVKVLRTNYQTDPIAVARFQREARAMADLDHPHIVRITDIG 80
NTDB id 216 SPD RS08205 WP 000614552.1 MIQIGKIFAGRYRIVKQIGRGGMADVYLAKDLILDGEEVAVKVLRTNYQTDPIAVARFQREARAMADLDHPHIVRITDIG 80
NTDB 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 341285 ETT67 RS06775 WP 002994648.1 MIQIGKLFAGRYRILKSIGRGGMADVYLANDLILDNEDVAIKVLRTNYQTDQVAVARFQREARAMAELNHPNIVAIRDIG 80
NTDB id 384 SMU RS02325 WP 002263039.1 MIQIGKLFAGRYRILQSIGRGGMADVYLANDLILDNEEVAIKVLRTNYQTDQVAVTRFQREARAMAELNHPNIVAIRDIG 80
consensus
logo
NTDB id 146 SP RS08570 WP 000614538.1 EEDGQQYLAMEYVAGLDLKRYIKEHYPLSNEEAVRIMGQILLAMRLAHTRGIVHRDLKPQNILLTPDGTAKVTDFGIAVA 160
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NTDB id 384 SMU RS02325 WP 002263039.1 EEDGQQFLAMEYVDGADLKKYIQDHAPLSNAEVIRIMKEVLSAMTLAHQKGIIHRDLKPQNVLLTKDGTAKVTDFGIAVA 160
consensus
logo
NTDB id 146 SP RS08570 WP 000614538.1 FAETSLTQTNSMLGSVHYLSPEQARGSKATVQSDIYAMGIIFYEMLTGHIPYDGDSAVTIALQHFQKPLPSVIAENPSVP 240
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NTDB id 182 SPR RS07820 WP 000614552.1 FAETSLTQTNSMLGSVHYLSPEQARGSKATVQSDIYAMGIIFYEMLTGHIPYDGDSAVTIALQHFQNPLPSVIAENSSVP 240
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NTDB id 384 SMU RS02325 WP 002263039.1 FAETSLTQTNSMLGSVHYLSPEQARGSKATVQSDIYAMGIMLFEMLTGHIPYDGDSAVTIALQHFQKPLPSIIAENKNVP 240
consensus
logo
NTDB id 146 SP RS08570 WP 000614538.1 QALENVIIKATAKKLTNRYRSVSEMYVDLSSSLSYNRRNESKLIFDETSKADTKTLPKVSQSTLTSIPKVQAQTEH...K 317
NTDB id 216 SPD RS08205 WP 000614552.1 QALENVIIKATAKKLTNRYRSVSEMYVDLSSSLSYNRRNESKLIFDETSKADTKTLPKVSQSTLTSIPKVQAQTEH...K 317
NTDB id 182 SPR RS07820 WP 000614552.1 QALENVIIKATAKKLTNRYRSVSEMYVDLSSSLSYNRRNESKLIFDETSKADTKTLPKVSQSTLTSIPKVQAQTEH...K 317
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NTDB id 467 HSISS4 RS06915 WP 021143821.1 QALENVVIRATAKKLENRYNSTLEMSRDLVTSLHPSHRRDAKVVFDDMT..DTKTLPKVDPVPSASLEKKAVAAEPSEP. 317
NTDB id 341285 ETT67 RS06775 WP 002994648.1 QALENVVIRATAKKLSDRYGSTFEMSRDLMTALSYNRSRERKIVFEDVE..STKPLPKVASGPTASVKLSPPTPTVLTQE 318
NTDB id 384 SMU RS02325 WP 002263039.1 QALENVVIKATAKRLTDRYHSTQEMLQDLRTSLQPNRSRERKLVFSDAS..DTKPLPKLEQAAANSLAAQSLKNKTS.NQ 317
consensus

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NTDB id 146 SP RS08570 WP 000614538.1      SIKNPSQAVTEETYQPQAPKKHRFKMRYLILLASLVLV.AASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGE  396
NTDB id 216 SPD RS08205 WP 000614552.1     SIKNPSQAVTEETYQPQAPKKHRFKMRYLILLASLVLV.AASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGE  396
NTDB id 182 SPR RS07820 WP 000614552.1     SIKNPSQAVTEETYQPQAPKKHRFKMRYLILLASLVLV.AASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGE  396
NTDB id 257 KZH43 RS07655 WP 220041236.1   SIKNPSQAVTEETYQPQAPKKHRFKMRYLILLASLVLV.AASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGE  396
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NTDB id 341285 ETT67 RS06775 WP 002994648.1 SRLDQTNQTDALQPPTKKKKSGRFLGTLFKILFSFFIVGVALFTYLILTKPTSVKVPNVAGTSLKVAKQELYDVGLKVGK  398
NTDB id 384 SMU RS02325 WP 002263039.1     DKVDHK.SKPKTKPQPKPKKKRHFLARFFKIFFILVAIGIAVLTYLVLTKPSTVSVPDVSGDKLSTAKMIIRKSGLKVGD  396
consensus                                  ********************!***!************** ***********!*****!*!*!*****!************!*
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NTDB id 146 SP RS08570 WP 000614538.1      EKTEASEKVEEGRIIRTDPGAGTGRKEGTKINLVVSSGKQSFQISNYVGRKSSDVIAELKE.KKVPDNLIKIEEEESNES  475
NTDB id 216 SPD RS08205 WP 000614552.1     EKTEASEKVEEGRIIRTDPGAGTGRKEGTKINLVVSSGKQSFQISNYVGRKSSDVIAELKE.KKVPDNLIKIEEEESNES  475
NTDB id 182 SPR RS07820 WP 000614552.1     EKTEASEKVEEGRIIRTDPGAGTGRKEGTKINLVVSSGKQSFQISNYVGRKSSDVIAELKE.KKVPDNLIKIEEEESNES  475
NTDB id 257 KZH43 RS07655 WP 220041236.1   EKTEASEKVEEGRIIRTDPGAGTGRKEGTKINLVVSSGKQSFQISNYVGRKSSDVIAELKE.KKVPDNLIKIEEEESNES  475
NTDB id 467 HSISS4 RS06915 WP 021143821.1  VKEVEDDSVDTGKVIKTDPTAGTTRKEGSSIDVYVSSGSKGFALKDYKGKNYKDAIEDLTSNFGVSEDQIDIQHVEDDSA  476
NTDB id 341285 ETT67 RS06775 WP 002994648.1 IRQIESDTVAEGNVVRTDPKAGTAKRQGSSITLYVSIGNKGFDMENYKGLDYQEAMNSLIETYGVPKSKIKIERIVTNEY  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.TQIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEE..........EES  544
NTDB id 216 SPD RS08205 WP 000614552.1     EAGTVLKQSLPEGTTYDLSKA.TQIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEE..........EES  544
NTDB id 182 SPR RS07820 WP 000614552.1     EAGTVLKQSLPEGTTYDLSKA.TQIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEE..........EES  544
NTDB id 257 KZH43 RS07655 WP 220041236.1   EAGTVLKQSLPEGTTYDLSKA.TQIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEE..........EES  544
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NTDB id 341285 ETT67 RS06775 WP 002994648.1 PENTVISQSPSAGDKFNPNG.KSKITLSVAVS.DTITMPMVTEYSYADAVNTLTALGIDASRIKAYVPSSSSATGFVPIH  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
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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.LYQDPQAG....TSVDGTVILYVSVATASSSLQSSSSSTT....H.SSS..........TSSSTDSTTS...  610
NTDB id 341285 ETT67 RS06775 WP 002994648.1 SPSSKAIVSGQSPYYGTSLSLSDKGEISLYLYPEETHSSSSSSSSTSS....SNSSS..........TNDST.APGS...  618
NTDB id 384 SMU RS02325 WP 002263039.1     SPSSSSLVVGQSPYYGNTVSLSSNDDILLYVSTSGGSHSGSSSESSN......SEG..........TTSSE.A......  603
consensus                                  **!*******!*!**!*****!******!**********!*****************************  *
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logo

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NTDB id 146 SP RS08570 WP 000614538.1          GMVVEQSPRAGEKVDLNKTRVKISIYKPKTTSATP   659
NTDB id 216 SPD RS08205 WP 000614552.1         GMVVEQSPRAGEKVDLNKTRVKISIYKPKTTSATP   659
NTDB id 182 SPR RS07820 WP 000614552.1         GMVVEQSPRAGEKVDLNKTRVKISIYKPKTTSATP   659
NTDB id 257 KZH43 RS07655 WP 220041236.1       GMVVEQSPRAGEKVDLNKTRVKISIYKPKTTSATP   659
NTDB id 467 HSISS4 RS06915 WP 021143821.1      ..STETSTEA..................THTELQ   624
NTDB id 341285 ETT67 RS06775 WP 002994648.1    ..NTELSPSE..................TTAQTP   632
NTDB id 384 SMU RS02325 WP 002263039.1         ..STDSSSSA..................TTTSH.   616
consensus                                      ******!**********************!*****
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X non conserved

X similar

X ≥ 50% conserved