

logo

|   |   |    |
|---|---|----|
| NTDB id 374 SMU RS06885 WP 002262930.1        | MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMIGAKSSA | 0  |
| NTDB id 413 AAK55817.1 141..845( )            | .....   | 0  |
| NTDB id 1046 HON27 RS03130 WP 168726941.1     | MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMIGAKSSA | 80 |
| NTDB id 1143 A1552VC RS01965 WP 001883436.1   | .....   | 0  |
| NTDB id 1171032 ACOOFO RS03755 WP 420429633.1 | .....   | 0  |
| NTDB id 1047 HON27 RS03110 WP 000389061.1     | .....   | 0  |
| NTDB id 1417 SGL RS04200 WP 014407071.1       | .....   | 0  |
| consensus                                     | .....   | 0  |

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|---|--|-----|
| NTDB id 374 SMU RS06885 WP 002262930.1        | ELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDFNKQKRAHTLDFRPLILLGQQLQQQSSLEPALEELLQLS | 0   |
| NTDB id 413 AAK55817.1 141..845( )            | .....  | 0   |
| NTDB id 1046 HON27 RS03130 WP 168726941.1     | ELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDFNKQKRAHTLDFRPLILLGQQLQQQSSLEPALEELLQLS | 160 |
| NTDB id 1143 A1552VC RS01965 WP 001883436.1   | .....  | 0   |
| NTDB id 1171032 ACOOFO RS03755 WP 420429633.1 | .....  | 0   |
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| NTDB id 1417 SGL RS04200 WP 014407071.1       | .....  | 0   |
| consensus                                     | .....  | 0   |

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| NTDB id 374 SMU RS06885 WP 002262930.1        | HTLMAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR   | 0   |
| NTDB id 413 AAK55817.1 141..845( )            | .....  | 0   |
| NTDB id 1046 HON27 RS03130 WP 168726941.1     | HTLMAETVTGTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR | 240 |
| NTDB id 1143 A1552VC RS01965 WP 001883436.1   | .....  | 0   |
| NTDB id 1171032 ACOOFO RS03755 WP 420429633.1 | .....  | 0   |
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| NTDB id 1417 SGL RS04200 WP 014407071.1       | .....  | 0   |
| consensus                                     | .....  | 0   |

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|---|--|-----|
| NTDB id 374 SMU RS06885 WP 002262930.1        | GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQLEARLLQFNQSWDAYVEQ | 0   |
| NTDB id 413 AAK55817.1 141..845( )            | .....  | 0   |
| NTDB id 1046 HON27 RS03130 WP 168726941.1     | GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQLEARLLQFNQSWDAYVEQ | 320 |
| NTDB id 1143 A1552VC RS01965 WP 001883436.1   | .....  | 0   |
| NTDB id 1171032 ACOOFO RS03755 WP 420429633.1 | .....  | 0   |
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| NTDB id 1417 SGL RS04200 WP 014407071.1       | .....  | 0   |
| consensus                                     | .....  | 0   |

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|---|--|-----|
| NTDB id 374 SMU RS06885 WP 002262930.1        | HGDRTDPLMP SHGLVSQLQLD VSELDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV | 0   |
| NTDB id 413 AAK55817.1 141..845( )            | .....  | 0   |
| NTDB id 1046 HON27 RS03130 WP 168726941.1     | HGDRTDPLMP SHGLVSQLQLD VSELDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV | 400 |
| NTDB id 1143 A1552VC RS01965 WP 001883436.1   | .....  | 0   |
| NTDB id 1171032 ACOOFO RS03755 WP 420429633.1 | .....  | 0   |
| NTDB id 1047 HON27 RS03110 WP 000389061.1     | .....  | 0   |
| NTDB id 1417 SGL RS04200 WP 014407071.1       | .....  | 0   |
| consensus                                     | .....  | 0   |

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|---|--|-----|
| NTDB id 374 SMU RS06885 WP 002262930.1        | LLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAQRVGVVKQHSILEELKLYTQYTPDISNDLPQQDSTSFEP IYNI EP | 0   |
| NTDB id 413 AAK55817.1 141..845( )            | .....  | 0   |
| NTDB id 1046 HON27 RS03130 WP 168726941.1     | LLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAQRVGVVKQHSILEELKLYTQYTPDISNDLPQQDSTSFEP IYNI EP | 480 |
| NTDB id 1143 A1552VC RS01965 WP 001883436.1   | .....  | 0   |
| NTDB id 1171032 ACOOFO RS03755 WP 420429633.1 | .....  | 0   |
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| NTDB id 1417 SGL RS04200 WP 014407071.1       | .....  | 0   |
| consensus                                     | .....  | 0   |

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|---|--|-----|
| NTDB id 374 SMU RS06885 WP 002262930.1        | EPEVWATVENFSDSADWAVLGQSVQQDRQYISSVSLCPFSDA DLYKFKEXNEYTEGFLITINAWYSEQESFTESENT | 0   |
| NTDB id 413 AAK55817.1 141..845( )            | .....  | 0   |
| NTDB id 1046 HON27 RS03130 WP 168726941.1     | EPEVWATVENFSDSADWAVLGQSVQQDRQYISSVSLCPFSDA DLYKFKEXNEYTEGFLITINAWYSEQESFTESENT | 558 |
| NTDB id 1143 A1552VC RS01965 WP 001883436.1   | ..... MRLCPRFSLDLLVKVKKLVNFVTLGFSCLSPHAWRSPQ.SFTESNT                           | 46  |
| NTDB id 1171032 ACOOFO RS03755 WP 420429633.1 | .....  | 0   |
| NTDB id 1047 HON27 RS03110 WP 000389061.1     | .....  | 0   |
| NTDB id 1417 SGL RS04200 WP 014407071.1       | .....  | 0   |
| consensus                                     | .....  | 0   |

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|---|---|-----|
| NTDB id 374 SMU RS06885 WP 002262930.1        | LMRYLHTL...KGGANMVQATYLG LIAHELES IYERLIQKQLVVTSDLIDFIRLVQDDLADR...LQIM...REQQL | 626 |
| NTDB id 413 AAK55817.1 141..845( )            | .....   | 0   |
| NTDB id 1046 HON27 RS03130 WP 168726941.1     | LMRYLHTL...KGGANMVQATYLG LIAHELES IYERLIQKQLVVTSDLIDFIRLVQDDLADR...LQIM...REQQL | 112 |
| NTDB id 1143 A1552VC RS01965 WP 001883436.1   | LIMFRFYRKQKFKRLQNTLMAAFLALSIIPL.....TITALLFHLHSHSKDLEQQSTSYLVSVRDNKQQQVI        | 0   |
| NTDB id 1171032 ACOOFO RS03755 WP 420429633.1 | .....   | 0   |
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| consensus                                     | .....   | 0   |

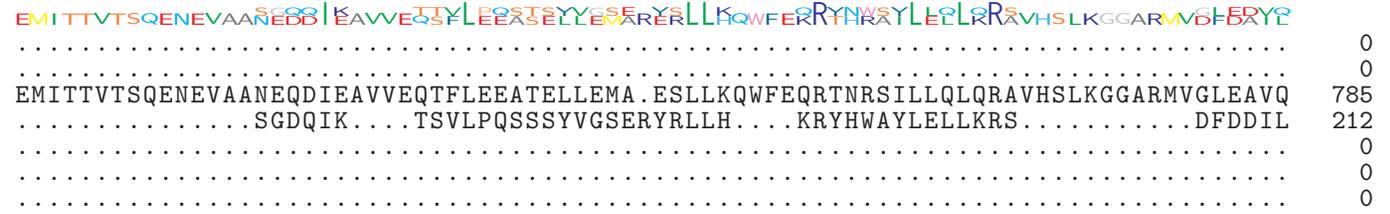
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 NTDB id 1417 SGL RS04200 WP 014407071.1  
 consensus



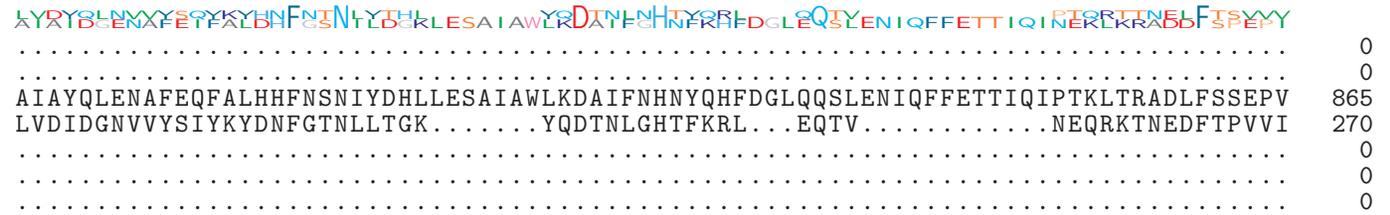
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 consensus



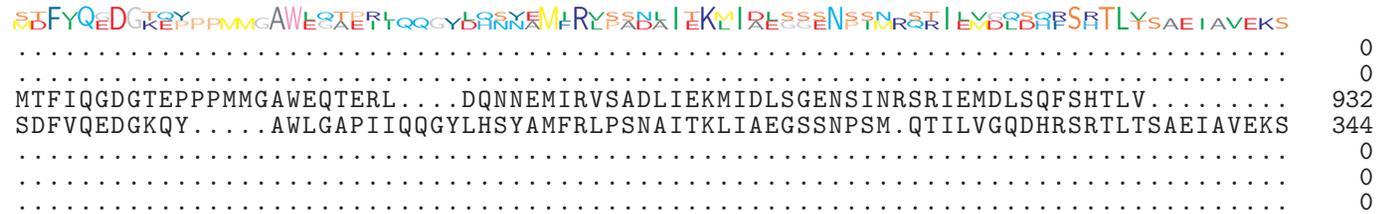
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NTDB id 374 SMU RS06885 WP 002262930.1  
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 NTDB id 413 AAK55817.1 141..845( )  
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 NTDB id 1047 HON27 RS03110 WP 000389061.1  
 NTDB id 1417 SGL RS04200 WP 014407071.1  
 consensus



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|---|---|------|
| NTDB id 374 SMU RS06885 WP 002262930.1        | KAVV <b>B</b> ML <b>S</b> LR <b>R</b> X <b>A</b> AD <b>S</b> Y <b>R</b> N <b>V</b> GE <b>L</b> E <b>L</b> T <b>R</b> A <b>I</b> AR <b>H</b> NT <b>E</b> NT <b>R</b> Y <b>T</b> D <b>V</b> EL <b>P</b> EM <b>E</b> RY <b>S</b> SY <b>R</b> Q <b>L</b> E <b>K</b> E <b>F</b> X <b>E</b> S <b>M</b> L <b>T</b> A <b>S</b> L <b>V</b> D <b>F</b> K <b>S</b> H <b>N</b> Y <b>L</b> S | 0    |
| NTDB id 413 AAK55817.1 141..845( )            | .....   | 0    |
| NTDB id 1046 HON27 RS03130 WP 168726941.1     | ...EMELAIQRLADQLRRMEGELETQIIAKHGIEHSRYTDF.DPLEMDQYSSSLNQLSKSLAESA...SDLVDFK.NTLS  | 1003 |
| NTDB id 1143 A1552VC RS01965 WP 001883436.1   | KAVVDLALSGKRAVGTYTNTDGEQIIAAYAPINLKNIHVALVVELPEKEAFARVRQLEKLFVFAMLTAIVLVVVIASHYLS   | 424  |
| NTDB id 1171032 ACOOFO RS03755 WP 420429633.1 | .....   | 0    |
| NTDB id 1047 HON27 RS03110 WP 000389061.1     | .....   | 0    |
| NTDB id 1417 SGL RS04200 WP 014407071.1       | .....   | 0    |
| consensus                                     | .....   | 0    |

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|---|---|------|
| NTDB id 374 SMU RS06885 WP 002262930.1        | NF <b>I</b> T <b>S</b> TE <b>L</b> K <b>L</b> L <b>T</b> W <b>S</b> R <b>R</b> Y <b>S</b> A <b>A</b> B <b>T</b> D <b>E</b> A <b>L</b> M <b>R</b> T <b>E</b> R <b>K</b> D <b>E</b> F <b>G</b> R <b>L</b> A <b>V</b> F <b>E</b> R <b>Y</b> Q <b>R</b> S <b>Y</b> R <b>E</b> K <b>T</b> S <b>A</b> T <b>K</b> R <b>P</b> N <b>K</b> E <b>L</b> E <b>S</b> N <b>L</b> L <b>F</b> Y <b>R</b> K <b>N</b> D <b>E</b> L <b>E</b> L <b>R</b> | 0    |
| NTDB id 413 AAK55817.1 141..845( )            | .....   | 0    |
| NTDB id 1046 HON27 RS03130 WP 168726941.1     | DKIRDTE.SLLLQQSRIQ.AEIQEGLMRT.RLVPFSSR...LLPRLQRIVRQTSTALNRP...AE.LFVN..NTEGELD   | 1069 |
| NTDB id 1143 A1552VC RS01965 WP 001883436.1   | NFITSPLLKLTWAAERVSAGDLDEAMINTERKDEIGRLAVSFERMQRSIREKISLIKSQNKELESNLLIIRKQNDDELQLA   | 504  |
| NTDB id 1171032 ACOOFO RS03755 WP 420429633.1 | .....   | 0    |
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| NTDB id 1417 SGL RS04200 WP 014407071.1       | .....   | 0    |
| consensus                                     | .....   | 0    |

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|---|---|------|
| NTDB id 374 SMU RS06885 WP 002262930.1        | R <b>N</b> T <b>K</b> D <b>E</b> F <b>L</b> A <b>T</b> T <b>S</b> E <b>E</b> L <b>T</b> P <b>L</b> H <b>M</b> I <b>R</b> N <b>A</b> L <b>D</b> H <b>A</b> L <b>E</b> D <b>R</b> A <b>Q</b> T <b>R</b> S <b>S</b> A <b>N</b> K <b>P</b> L <b>T</b> A <b>A</b> H <b>R</b> Y <b>E</b> L <b>N</b> I <b>F</b> R <b>S</b> G <b>I</b> B <b>X</b> V <b>Y</b> F <b>S</b> D <b>D</b> G <b>G</b> L <b>D</b> V <b>E</b> K <b>M</b> R <b>R</b> | 0    |
| NTDB id 413 AAK55817.1 141..845( )            | .....   | 0    |
| NTDB id 1046 HON27 RS03130 WP 168726941.1     | RNIL.....ERLVTPLEHMLRNAIDHGLEDRAQRQQANKPETG..RIELNIQR.QGTDVVVVFSDDGQIDVEKVRQ  | 1138 |
| NTDB id 1143 A1552VC RS01965 WP 001883436.1   | NKLKDEFLATTSHELRTPLHGMIGIAE..AL.....ISGANGPISA AHKYQLDIISSGQRLA.TLVDD..LLDYHKMRY  | 574  |
| NTDB id 1171032 ACOOFO RS03755 WP 420429633.1 | .....   | 0    |
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| NTDB id 1417 SGL RS04200 WP 014407071.1       | .....   | 0    |
| consensus                                     | .....   | 0    |

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|---|--|------|
| NTDB id 374 SMU RS06885 WP 002262930.1        | K <b>A</b> L <b>L</b> A <b>G</b> L <b>R</b> E <b>E</b> <b>D</b> L <b>E</b> S <b>S</b> T <b>L</b> L <b>L</b> E <b>F</b> F <b>H</b> L <b>L</b> G <b>K</b> R <b>K</b> A <b>E</b> T <b>E</b> Y <b>T</b> N <b>Q</b> S <b>E</b> S <b>V</b> W <b>S</b> W <b>Q</b> S <b>D</b> I <b>R</b> S <b>L</b> E <b>G</b> H <b>S</b> L <b>E</b> N <b>L</b> Y <b>G</b> R <b>A</b> T <b>T</b> F <b>T</b> S <b>E</b> G <b>K</b> I <b>V</b> | 0    |
| NTDB id 413 AAK55817.1 141..845( )            | .....  | 0    |
| NTDB id 1046 HON27 RS03130 WP 168726941.1     | KALLAGLIKPEQDLEQQDILQLIFHP...GLSTAEQVTQISGRGVGLDVVQSDIKSLGGHVSVESVYGGTTFTIR...V  | 1212 |
| NTDB id 1143 A1552VC RS01965 WP 001883436.1   | GALDI..QRCAVDLSSATRLVLELSSHLLGKKTLLRIINQVSEQPVVVS...ADPQRLE..QVLYNLIGNAIKYTSEGKIV  | 647  |
| NTDB id 1171032 ACOOFO RS03755 WP 420429633.1 | .....  | 0    |
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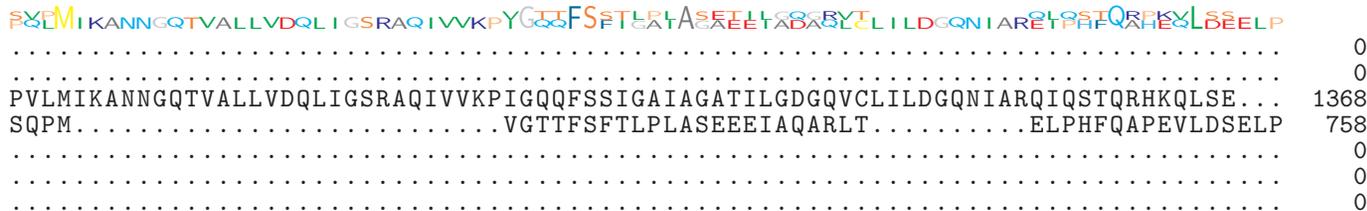
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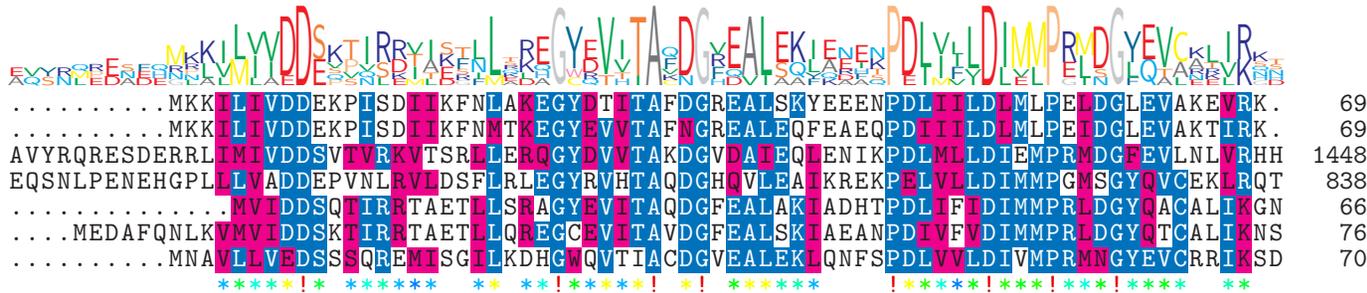
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