

logo

|                                             |                                                                                   |    |
|---------------------------------------------|-----------------------------------------------------------------------------------|----|
| NTDB id 1381 A4U84 RS02010 WP 021113424.1   | MNSGLSRLGIALLAAMFAPALLAADLEKLDVAALPGDRVELKLQFDEPVAAAPRGYTIEQPARIALDLPGVQNKLGTKNRE | 0  |
| NTDB id 1347 HI 0435 AAC22094.1             | .....                                                                             | 0  |
| NTDB id 1373 NTHI RS02645 WP 011272046.1    | .....                                                                             | 0  |
| NTDB id 47827 H7R21 RS01810 WP 019842344.1  | .....                                                                             | 0  |
| NTDB id 1433 BW25113 RS17570 WP 000815987.1 | .....                                                                             | 0  |
| NTDB id 1193 PA5040 NP 253727.1             | MNSGLSRLGIALLAAMFAPALLAADLEKLDVAALPGDRVELKLQFDEPVAAAPRGYTIEQPARIALDLPGVQNKLGTKNRE | 80 |
| NTDB id 1186 GTF74 RS01320 WP 000788426.1   | .....                                                                             | 0  |
| NTDB id 1175 A1552VC RS12105 WP 000788426.1 | .....                                                                             | 0  |
| NTDB id 1408 DSB67 RS13980 WP 010643500.1   | .....                                                                             | 0  |
| consensus                                   |                                                                                   |    |

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|---------------------------------------------|----------------------------------------------------------------------------------|-----|
| NTDB id 1381 A4U84 RS02010 WP 021113424.1   | LSVGNTRSVTVVEAKDRTRLIINLTALSSYTTRVEGNNLFVVVGNSPAGASVASAAPVKASPAPASYAQPIKPKPYVPAG | 0   |
| NTDB id 1347 HI 0435 AAC22094.1             | .....                                                                            | 0   |
| NTDB id 1373 NTHI RS02645 WP 011272046.1    | .....                                                                            | 0   |
| NTDB id 47827 H7R21 RS01810 WP 019842344.1  | .....                                                                            | 0   |
| NTDB id 1433 BW25113 RS17570 WP 000815987.1 | .....                                                                            | 0   |
| NTDB id 1193 PA5040 NP 253727.1             | LSVGNTRSVTVVEAKDRTRLIINLTALSSYTTRVEGNNLFVVVGNSPAGASVASAAPVKASPAPASYAQPIKPKPYVPAG | 160 |
| NTDB id 1186 GTF74 RS01320 WP 000788426.1   | .....MKNGLKT..YVAQTW.....LTLWVGLALCAS.....S....MVFSAESATA                        | 36  |
| NTDB id 1175 A1552VC RS12105 WP 000788426.1 | .....MKNGLKT..YVAQTW.....LTLWVGLALCAS.....S....MVFSAESATA                        | 36  |
| NTDB id 1408 DSB67 RS13980 WP 010643500.1   | .....MKMRHGLTLTPRKLTGL.....FSLWFSLLLAP.....FVAEEVQS                              | 37  |
| consensus                                   |                                                                                  |     |

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|---------------------------------------------|-----------------------------------------------------------------------------------|-----|
| NTDB id 1381 A4U84 RS02010 WP 021113424.1   | NQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVV | 0   |
| NTDB id 1347 HI 0435 AAC22094.1             | .....                                                                             | 0   |
| NTDB id 1373 NTHI RS02645 WP 011272046.1    | .....                                                                             | 0   |
| NTDB id 47827 H7R21 RS01810 WP 019842344.1  | .....                                                                             | 0   |
| NTDB id 1433 BW25113 RS17570 WP 000815987.1 | .....                                                                             | 0   |
| NTDB id 1193 PA5040 NP 253727.1             | RAIRNIDFQRGEKGEGNVVIDLSDPTLSPDIQEQQGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASDAQSDRTSITI | 240 |
| NTDB id 1186 GTF74 RS01320 WP 000788426.1   | NQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVV | 116 |
| NTDB id 1175 A1552VC RS12105 WP 000788426.1 | NQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVV | 116 |
| NTDB id 1408 DSB67 RS13980 WP 010643500.1   | NSLKSIDFRTNKDKDAVIVVELVSPA AIVDIKRVQEGLSIDLLNTSVKDDQLYLLDVKDFSTVVESVEVFRDTSSTRLVA | 117 |
| consensus                                   |                                                                                   |     |

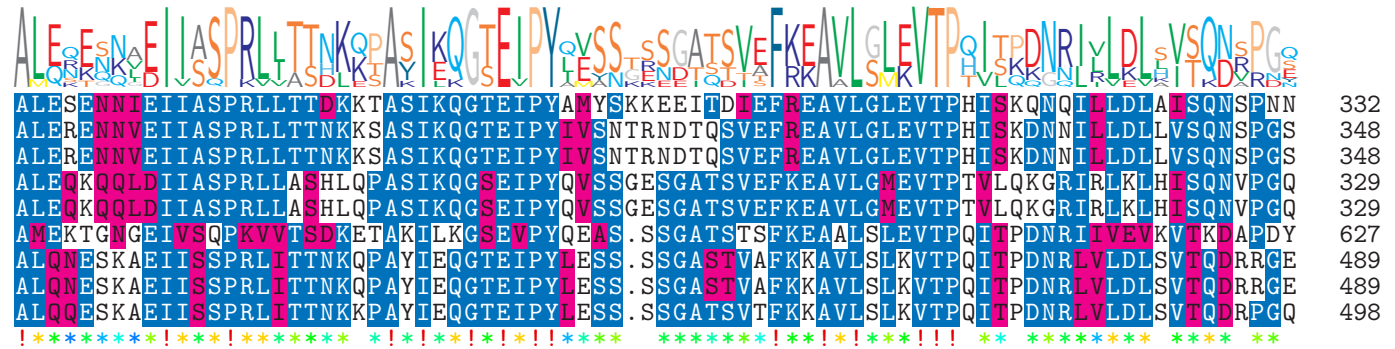
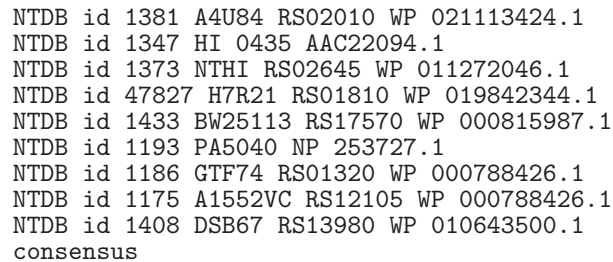
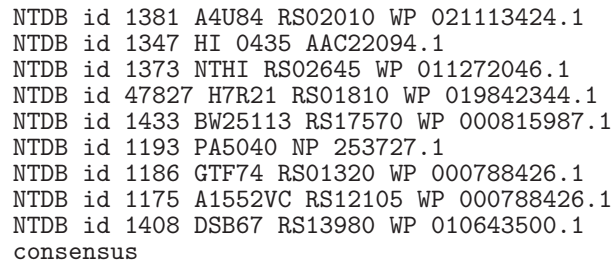
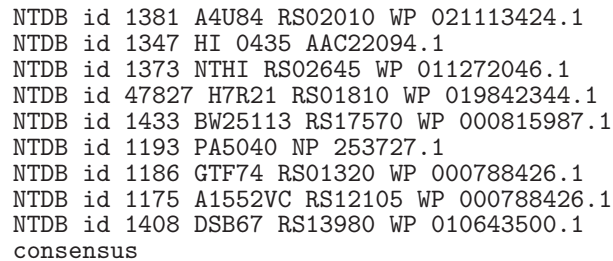
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|---------------------------------------------|------------------------------------------------------------------------------------|-----|
| NTDB id 1381 A4U84 RS02010 WP 021113424.1   | .....MRYLFLFFAT.....FPVLANQQISLSTRNAPTAEIISYLAETGKNITISDEIKDTKN                    | 55  |
| NTDB id 1347 HI 0435 AAC22094.1             | .....MKKYFLKCGYFLVCFCLPLI.....VFANPKTDNERFFIRLSQAPLAQTLEQLAFQDDVNLVIGDILENKIS      | 67  |
| NTDB id 1373 NTHI RS02645 WP 011272046.1    | .....MKKYFLKCGYFLVCFCLPLI.....VFANPKTDNECFIRLSQAPLAQTLEQLAFQDDVNLVIGERLEGNIS       | 67  |
| NTDB id 47827 H7R21 RS01810 WP 019842344.1  | .....MKQWIAALIL.ML.....IPGVQAAPKQKVTLMVDDVPVAQVLQALAEQEKLNLVSPDVSGTIVS             | 59  |
| NTDB id 1433 BW25113 RS17570 WP 000815987.1 | .....MKQWIAALIL.ML.....IPGVQAAPKQKVTLMVDDVPVAQVLQALAEQEKLNLVSPDVSGTIVS             | 59  |
| NTDB id 1193 PA5040 NP 253727.1             | EPGSLYDYL VYQTDNRLTVSIK.PMTTEDAERRKKDNFAYTGEKLSLNFQDIDVRSVLQLIADFTDLNLVASD TVQGNIT | 319 |
| NTDB id 1186 GTF74 RS01320 WP 000788426.1   | TVDGEFQHDYTLKGKYLEVVIS.KLK.ADEKPKPKSVLEKEGKLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLT   | 194 |
| NTDB id 1175 A1552VC RS12105 WP 000788426.1 | TVDGEFQHDYTLKGKYLEVVIS.KLK.ADEKPKPKSVLEKEGKLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLT   | 194 |
| NTDB id 1408 DSB67 RS13980 WP 010643500.1   | YIDEDYSHDYRLTGRYLEVKVG.KLK.ANEKAPDKSILDKEGKLISINFQDIPVRNVLQLIADYNGFNLVVSDSVEGNLT   | 195 |
| consensus                                   | .....                                                                              |     |

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NTDB id 1373 NTHI RS02645 WP 011272046.1
NTDB id 47827 H7R21 RS01810 WP 019842344.1
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NTDB id 1193 PA5040 NP 253727.1
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
consensus

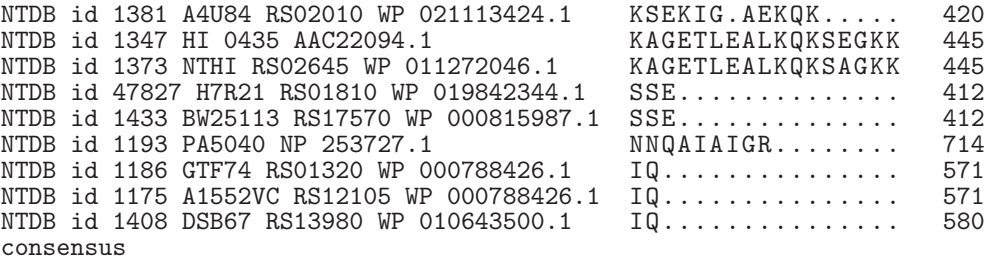
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☒ non conserved  
☒ similar  
☒ ≥ 50% conserved