

logo

|                                             |                                                                                   |    |
|---------------------------------------------|-----------------------------------------------------------------------------------|----|
| NTDB id 1284 ACE17W RS12370 WP 010946666.1  | MRKIIAILII..ISASISMAYSKDNSIISVKVLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ    | 78 |
| NTDB id 1257 GC085 RS04855 WP 163621000.1   | MRKIIAILIL..ISASISLAYSKDNSIISVKVLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ    | 78 |
| NTDB id 1408 DSB67 RS13980 WP 010643500.1   | .....                                                                             | 0  |
| NTDB id 408836 GPY12 RS13745 WP 199250769.1 | .....                                                                             | 0  |
| NTDB id 1186 GTF74 RS01320 WP 000788426.1   | .....                                                                             | 0  |
| NTDB id 1175 A1552VC RS12105 WP 000788426.1 | .....                                                                             | 0  |
| NTDB id 1193 PAKAF RS26665 WP 003161249.1   | MNSGLSRLGIALLAA.MFAPALLAADLEKLDVAALPGDRVELKQLQFDEPVA.APRGYTIEQPARIALDLPGVQNKLG..T | 76 |
| NTDB id 1009 ACIAD RS15175 WP 004923730.1   | MKQIIRQFSIGTVAYAIMQVSAQVAITNVVPMNIPGGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDKAGQKLA..K    | 77 |
| NTDB id 1039 HON27 RS01460 WP 031993779.1   | MNHVFRQFSMGAVAIAIMQAAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQGGLK..Q | 77 |
| NTDB id 1052 ABD1 RS15850 WP 001017033.1    | MNHVFRQFSMGAVAIAIMQAAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQGGLK..Q | 77 |
| consensus                                   | * * * * *                                                                         |    |

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|---------------------------------------------|-----------------------------------------------------------------------------------|-----|
| NTDB id 1284 ACE17W RS12370 WP 010946666.1  | KTKTIIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGTAGSIYSLVLNGKSNDLFENS.....KEVFITNQV          | 145 |
| NTDB id 1257 GC085 RS04855 WP 163621000.1   | KTKTIIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGTAGSVYSLVLNGKSNDLFENS.....KEVFITNQV          | 145 |
| NTDB id 1408 DSB67 RS13980 WP 010643500.1   | .....MKMRHGLTLTPRKLTGLFSLWFSL...LLAPF.....V..AAE                                  | 33  |
| NTDB id 408836 GPY12 RS13745 WP 199250769.1 | .....MRNGLKTY..VAQTLWTLWAGL...VLCAS.....SVAI..SAE                                 | 32  |
| NTDB id 1186 GTF74 RS01320 WP 000788426.1   | .....MKNGLKTY..VAQTLWTLWVGL...ALCAS.....SMVF..SAE                                 | 32  |
| NTDB id 1175 A1552VC RS12105 WP 000788426.1 | .....MKNGLKTY..VAQTLWTLWVGL...ALCAS.....SMVF..SAE                                 | 32  |
| NTDB id 1193 PAKAF RS26665 WP 003161249.1   | KNRELISVGNTRSVTVVEAKDRTRLIINLTTLSYTTTRVEGNLNFVVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY | 156 |
| NTDB id 1009 ACIAD RS15175 WP 004923730.1   | SLIPVTTNEASSIDVSSDDKRARVVVNLKDAAGFTTRVEGNVFILKINNIQSTAT.....PVAT..SA.....         | 138 |
| NTDB id 1039 HON27 RS01460 WP 031993779.1   | SKISVATNEASSVDVTSDDQRSRLTVNLKDTGAFTTRVEGNTFILKINSAQTSNK.....PLPV..VS.....         | 138 |
| NTDB id 1052 ABD1 RS15850 WP 001017033.1    | SKISVATNEASSVDVTSDDQRSRLTVNLKDAAGFTTRVEGNTFILKINSAQTSNK.....PLPV..VS.....         | 138 |
| consensus                                   | * * * * *                                                                         |     |

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| NTDB id 1284 ACE17W RS12370 WP 010946666.1  | VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV    | 225 |
| NTDB id 1257 GC085 RS04855 WP 163621000.1   | VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV    | 225 |
| NTDB id 1408 DSB67 RS13980 WP 010643500.1   | EVQSNLSKSIDFRTNKDKDAVIVVELVSPAIAIVDKRIVQEGLSIDLNTSVKDDQLYLDDVKDFSTVPVESVEVFRDTSTT   | 113 |
| NTDB id 408836 GPY12 RS13745 WP 199250769.1 | SASANQLENIDFRVNKDKA AVLIVELASPSAVVDVQKVQEGLSIELLKTADVADDKLYLLDVKDFSTPVQSVVEVFRKEPST | 112 |
| NTDB id 1186 GTF74 RS01320 WP 000788426.1   | SATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTADVADDKLYLLDVKDFSTPVVESVEVFRKEPST | 112 |
| NTDB id 1175 A1552VC RS12105 WP 000788426.1 | SATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTADVADDKLYLLDVKDFSTPVVESVEVFRKEPST | 112 |
| NTDB id 1193 PAKAF RS26665 WP 003161249.1   | VPAGRAIRNIDFQRGEKGENVVIDLSDPTLSPDIQEQQGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASAQSDRT     | 236 |
| NTDB id 1009 ACIAD RS15175 WP 004923730.1   | PAPQGGIGNIGFQRGAQGEGLVVIDLQGTNTPVDVQQGSGKVVVRFPGIKIPHTLARRLNTTDFATPVASIDSYNDGSNG    | 218 |
| NTDB id 1039 HON27 RS01460 WP 031993779.1   | .AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQGSGKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG    | 217 |
| NTDB id 1052 ABD1 RS15850 WP 001017033.1    | .AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQGSGKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG    | 217 |
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[illegible]

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consensus

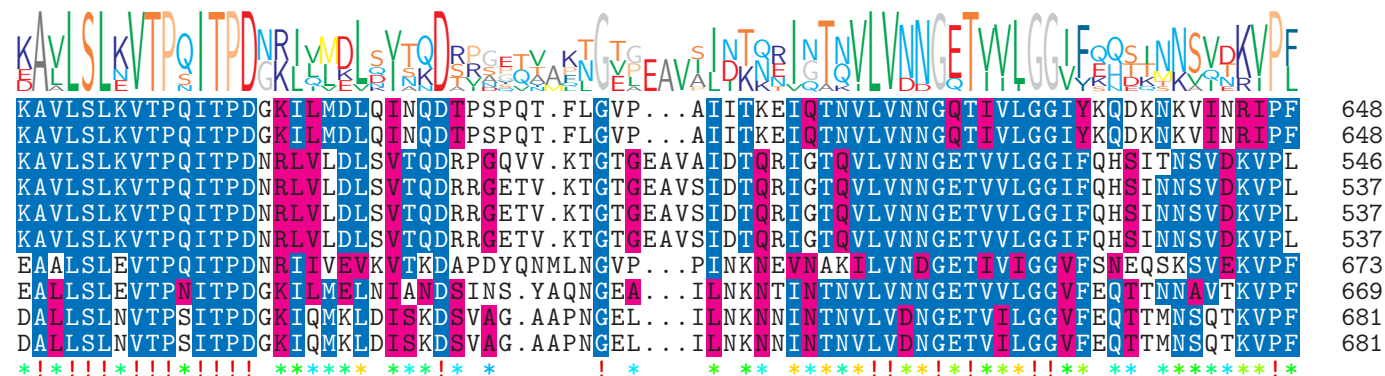
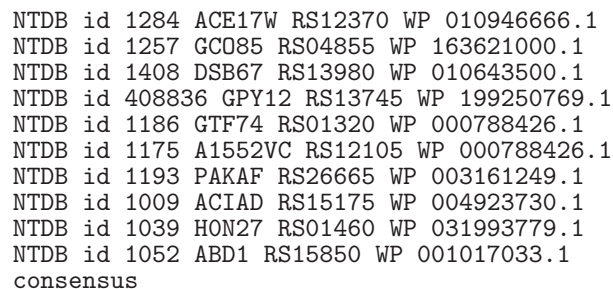
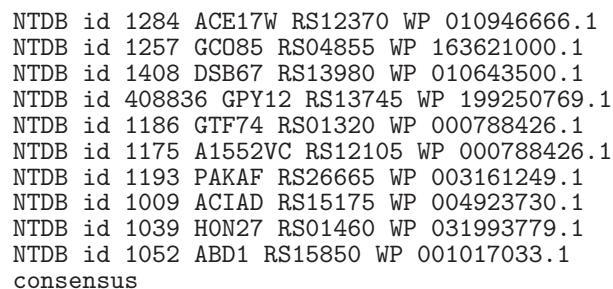
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[illegible]

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consensus

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☐ non conserved  
☒ similar  
☒ ≥ 50% conserved