

logo

|                                             |                                                                                   |    |
|---------------------------------------------|-----------------------------------------------------------------------------------|----|
| NTDB id 1115 OK783 RS00485 WP 003698035.1   | MNTKLT.....IISGLFVATAAFQTASAGNITDITKVSSLPNKQKIVKVSFDKEIV.NPTGFTVTSSSPARIALDFEQ    | 70 |
| NTDB id 1009 ACIAD RS15175 WP 004923730.1   | MKQIIRQFSIGTVAYAIMQ.....VASAQVAITNVVPMNIPGQGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDK      | 70 |
| NTDB id 1052 ABD1 RS15850 WP 001017033.1    | MNHVFRQFSMGAVAIIMQ.....AASQVSMNTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDK       | 70 |
| NTDB id 1039 HON27 RS01460 WP 031993779.1   | MNHVFRQFSMGAVAIIMQ.....AASQVSMNTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDK       | 70 |
| NTDB id 1284 ACE17W RS12370 WP 010946666.1  | .....MR.....KIIAILILIS.ASLSMAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFIS  | 69 |
| NTDB id 1257 GC085 RS04855 WP 163621000.1   | .....MR.....KIIAILILIS.ASLSLAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFIS  | 69 |
| 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  |
| NTDB id 136600 RK21 RS26140 WP 080563829.1  | .....                                                                             | 0  |
| NTDB id 1193 PAKAF RS26665 WP 003161249.1   | MNSGLSR.....LGIALLIAAMF.....APALLAADLEKLDVAALPGDRVELKLQFDEPVAA.PRGYTIEQPARIALDLPG | 69 |
| consensus                                   | *** * * * *                                                                       |    |

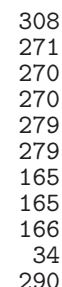
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| NTDB id 1009 ACIAD RS15175 WP 004923730.1   | AGQKLIKS..LIPVTTNEASSIDVSSDDKRARVVNLDAGAFTRVEGNVFILKINNIQSTATP.....                | 133 |
| NTDB id 1052 ABD1 RS15850 WP 001017033.1    | AQQGLKQS..KISVATNEASSVDVTSDDQRSRLTVNLKDAGAFTRVEGNVFILKINSAQTSNKP.....              | 133 |
| NTDB id 1039 HON27 RS01460 WP 031993779.1   | AQQGLKQS..KISVATNEASSVDVTSDDQRSRLTVNLKDTGAFTRVEGNVFILKINSAQTSNKP.....              | 133 |
| NTDB id 1284 ACE17W RS12370 WP 010946666.1  | TDMQIPSDQKTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGTAGSIYSL.VLNGKSNDLF.....ENS           | 136 |
| NTDB id 1257 GC085 RS04855 WP 163621000.1   | TDMQIPSDQKTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGTAGSVYSL.VLNGKSNDLF.....ENS           | 136 |
| NTDB id 1186 GTF74 RS01320 WP 000788426.1   | .....MKNGLKT..YVAQTW.....LTLWVGLALCA.....SS.                                       | 26  |
| NTDB id 1175 A1552VC RS12105 WP 000788426.1 | .....MKNGLKT..YVAQTW.....LTLWVGLALCA.....SS.                                       | 26  |
| NTDB id 1408 DSB67 RS13980 WP 010643500.1   | .....MKMRHGLTITPRKLTGL.....FSLWFSLLAP.....                                         | 28  |
| NTDB id 136600 RK21 RS26140 WP 080563829.1  | .....                                                                              | 0   |
| NTDB id 1193 PAKAF RS26665 WP 003161249.1   | VQNKL..GTKNRELISVGNTRSVTVVEAKDRTRLIINLTTLSYTTTRVEGNLNFVVVGNSPAGASVASTAPVKASPAPASY  | 147 |
| consensus                                   | * * * * *                                                                          |     |

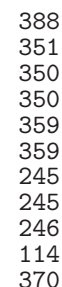
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| NTDB id 1009 ACIAD RS15175 WP 004923730.1   | .....VA.TSAPAPQGGIGNIGFQGAQGEGLVVIDLQGTNTPVDVQQQGSKVVRFPGIKIPHTLA            | 194 |
| NTDB id 1052 ABD1 RS15850 WP 001017033.1    | .....LP.VVS.AQPQGVSNIGFQGRSQGEGLVVVDLLGSNTPVDVQQQGSKVVRTIGTKIPHTLA           | 193 |
| NTDB id 1039 HON27 RS01460 WP 031993779.1   | .....LP.VVS.AQPQGVSNIGFQGRSQGEGLVVVDLLGSNTPVDVQQQGSKVVRTIGTKIPHTLA           | 193 |
| NTDB id 1284 ACE17W RS12370 WP 010946666.1  | K.....EVFIT.NQVVNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVNFLTNTKIPLNLM      | 201 |
| NTDB id 1257 GC085 RS04855 WP 163621000.1   | K.....EVFIT.NQVVNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVNFLTNTKIPLNLM      | 201 |
| NTDB id 1186 GTF74 RS01320 WP 000788426.1   | .....MVF.SAESATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKL        | 88  |
| NTDB id 1175 A1552VC RS12105 WP 000788426.1 | .....MVF.SAESATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKL        | 88  |
| NTDB id 1408 DSB67 RS13980 WP 010643500.1   | .....FV.AAEVQSNLSKSIDFRTNKDKDAVIVVELVSPA AIVDTIKRVQEGLSIDLNTSVKDDQL          | 89  |
| NTDB id 136600 RK21 RS26140 WP 080563829.1  | .....                                                                        | 0   |
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| consensus                                   | * * * * *                                                                    |     |

NTDB id 1115 OK783 RS00485 WP 003698035.1  
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consensus



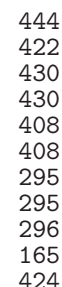
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consensus



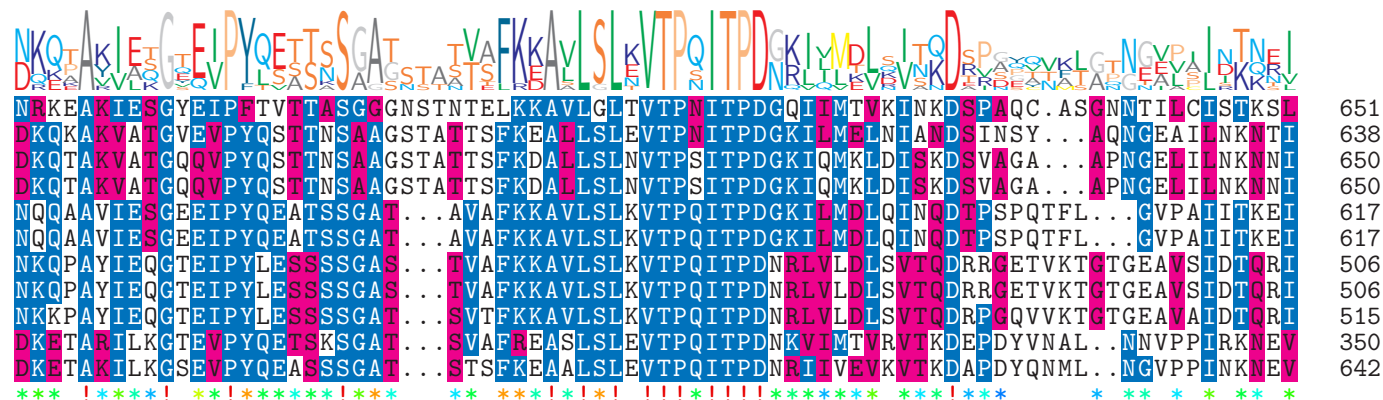
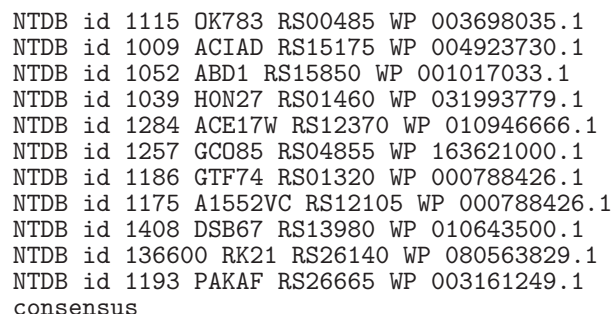
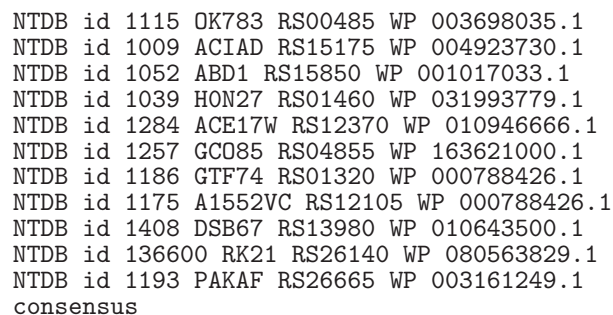
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consensus

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consensus
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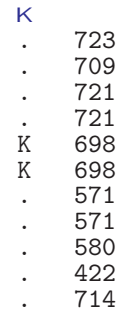




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consensus

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NTDB id 136600 RK21 RS26140 WP 080563829.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
consensus

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- X non conserved
- X similar
- X  $\geq 50\%$  conserved