```
logo
NTDB id 1188 NELON RS01755 WP 003772458.1        ........MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAAAKA   72
NTDB id 1045368 ACEPMO RS14160 WP 071623445.1    MASKHNRNRWRSQRGFTLIELMIVVAIIGILAAIAIPAYQDYTTRARVTEGLSLAAQAKALVVENAANGQSSLSL.....   75
NTDB id 1424 RS RS02795 WP 011000517.1           MK.SMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV.....   74
NTDB id 1002 ACIAD RS15100 WP 004923779.1        .........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAG.....   66
NTDB id 1274 LPP RS09530 WP 011214168.1          ..........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPAT.....   65
NTDB id 1258 GCO85 RS09745 WP 014844212.1        ..........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPAT.....   65
consensus                                                  !*!!!!!!!!!!*!!*!!!!!!!*!!!*!!!*!**!*!*!**! **!  **! *   *

logo
NTDB id 1188 NELON RS01755 WP 003772458.1        FNKTAAAGGGAGGAAAAGTQ.....HASKYVKSVKVT..EASPWDITVAISATEANGIPTGLDGNTIRLFPLVNKA....   141
NTDB id 1045368 ACEPMO RS14160 WP 071623445.1    .......G.....S.....A...SLPVSKNVSTLNIDSS...TGEIAVVYA.....SAVAGAGANTLVLTPYSGNSSSLA   127
NTDB id 1424 RS RS02795 WP 011000517.1           .......G.....S.....S...VFTPTKNVANLTIAGTGTVPGQITVTYT.....TAA...GGGTLALVPTAA....GT   122
NTDB id 1002 ACIAD RS15100 WP 004923779.1        .......TPSTAGSSCVGVQEISASNATTNVATATCG..ASSAGQIIVTMD.....TTKA..KGANITLTPT........   122
NTDB id 1274 LPP RS09530 WP 011214168.1          .......QAATGYV.........SPAATPNVASIAIG..A..NGVITITY......TAAA..GGGTIVMTPTL.......   110
NTDB id 1258 GCO85 RS09745 WP 014844212.1        .......QAATGYV.........SPAATPNVQSIAIG..A..NGVITITY......TAAA..GGGTIIMTPTL.......   110
consensus                                                *              ** *! ** **  *   * !****      ** *  ***** **!*

logo
NTDB id 1188 NELON RS01755 WP 003772458.1        ..VPAATSTGAIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK.   188
NTDB id 1045368 ACEPMO RS14160 WP 071623445.1    NLKAGSAPPGMVLWLCAAAGKSMPINTV...TQQTTATLPPKYAPAECR.   173
NTDB id 1424 RS RS02795 WP 011000517.1           ALPVSSAPSGPIMWTCYAQNKAQAASSV...APSGTMSLAAKYAPAECR.   168
NTDB id 1002 ACIAD RS15100 WP 004923779.1        ......YASGAVTWKCTT..................TS.DKKYVPSECRG   147
NTDB id 1274 LPP RS09530 WP 011214168.1          ......QANGDVTWTCTG..................GTLLAKYRPASCRP   136
NTDB id 1258 GCO85 RS09745 WP 014844212.1        ......QANGDVTWTCTG..................GTLLAKYRPASCRP   136
consensus                                                 ! * ! ! *                 *** *!! !**!*
```

X non conserved

X similar

X $\geq$ 50% conserved