```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1197 PSJM300 03940 AFN76866.1          ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQA.INEGKTPSLTST...    70
NTDB id 1188 NELON RS01755 WP 003772458.1      .......MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAAAKAF    73
NTDB id 1002 ACIAD RS15100 WP 004923779.1      ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPS...    69
NTDB id 1274 LPP RS09530 WP 011214168.1        .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAA...    68
NTDB id 1258 GCO85 RS09745 WP 014844212.1      .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAA...    68
NTDB id 1043356 ACEN2V RS14690 WP 014617872.1  MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTIRARVTEGLSLAAQAKSLVAENAANAQS....DLS...    73
NTDB id 1424 RS RS02795 WP 011000517.1         MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQS....DLS...    73
consensus                                                *!!!!!!!!!!!!!*!!*!!!!!!!*!!!*!!!*!*******!*** **! **** *** *        *

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1197 PSJM300 03940 AFN76866.1          .....D...EGYIGIT........DSTSYC.DVDL..DTAADGHIEC....TAKGGNAGKFDGKTITLNR..........    117
NTDB id 1188 NELON RS01755 WP 003772458.1      NKTAAAGGGAGGAAAAGTQH.....ASKYVKSVKV..TEASPWDITVAISATEANGIPTGLDGNTIRLFPLVNK..AVPA    144
NTDB id 1002 ACIAD RS15100 WP 004923779.1      .........TAGSSCVGVQEISASNATTNVATATCG..ASSAGQQIIVTMDTT.......KAKGANITLTPT.........    122
NTDB id 1274 LPP RS09530 WP 011214168.1        .........TGYVSPA.........ATPNVASIAIG....ANGVITITYTA........AAGGGTIVMTPTLQA......    112
NTDB id 1258 GCO85 RS09745 WP 014844212.1      .........TGYVSPA.........ATPNVQSIAIG....ANGVITITYTA........AAGGGTIIMTPTLQA......    112
NTDB id 1043356 ACEN2V RS14690 WP 014617872.1  .........VGSSTFA.........ATKNVSGLAINATAAPAGQITITYTT........AAGNGTLALVPTSGGNALVVS    127
NTDB id 1424 RS RS02795 WP 011000517.1         .........VGSSVFT.........PTKNVANLTIAGTGTVPGQITVTYTT........AAGGGTLALVPTAAGTALPVS    127
consensus                                                *  * *         ** ** ** **      * !*****         *******  * **   *

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1197 PSJM300 03940 AFN76866.1          ...TADGEWSCAST....................LDAKYKPGKCS.    139
NTDB id 1188 NELON RS01755 WP 003772458.1      ATSTGAIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK.    188
NTDB id 1002 ACIAD RS15100 WP 004923779.1      .YASGAVTWKCTTT....................SDKKYVPSECRG    147
NTDB id 1274 LPP RS09530 WP 011214168.1        ...NGDVTWTCTG...................GTLLAKYRPASCRP    136
NTDB id 1258 GCO85 RS09745 WP 014844212.1      ...NGDVTWTCTG...................GTLLAKYRPASCRP    136
NTDB id 1043356 ACEN2V RS14690 WP 014617872.1  SAPGAAIMWTCYSAGKATAASSVA...ASPAATLLPKYAPAECR.    168
NTDB id 1424 RS RS02795 WP 011000517.1         SAPSGPIMWTCYAQNKAQAASSVA...PSGTMSLAAKYAPAECR.    168
consensus                                         ** * !*! *                   *** *!! !**!*
```

X non conserved

X similar

X $\geq$ 50% conserved