```
logo

NTDB id 98 BSU 24710 NP 390351.1              ..........MNEKGFTLVEMLIVLFIISILLLITIPNVTKHNQTIQKKGCEGLQNMVKAQMTAFELDHEGQTPSLADLQ   70
NTDB id 160006 SE1039 RS06850 WP 056936206.1  ...MKNLKKLFNKEAFTLIEMLLVLLIISLLLILIIPNIAKQSSHIQTAGCEAQIKMIDSQIEAYSLKYNKKPTSIDELV   77
NTDB id 32 MW RS07995 WP 000472256.1          .....MFKFLKKTQAFTLIEMLLVLLIISLLLILIIPNIAKQTAHIQSTGCNAQVKMVNSQIEAYALKHNRNPSSIEDLI   75
NTDB id 16 SA RS07765 WP 000472256.1          .....MFKFLKKTQAFTLIEMLLVLLIISLLLILIIPNIAKQTAHIQSTGCNAQVKMVNSQIEAYALKHNRNPSSIEDLI   75
NTDB id 502 SM12261 RS00955 WP 000738641.1    MKKMMTFLKKAKVKAFTLVEMLVVLLIISVLLLLFVPNLTKQKEAVNDKGKAAVVKVVESQAELYSLDKN.EDASLSKLQ   79
NTDB id 431 SGO RS09410 WP 012130940.1        ....MNKLKKLRVKAFTLVEMLVVLLIISVLMLLFVPNLTKQKEAVSDTGNAAVVKVVESQAELYELKNTGDQATLSKLV   76
NTDB id 396 FSA28 RS09395 WP 002263437.1      ....MKKIKRVSVRAFTLIEMLVVLLIISILLLLFVPNLTKQKDKVKDTGGSAVVKVVESQAELYELNKT.DSATLSKLV   75
NTDB id 387 SMU RS09025 WP 002263437.1        ....MKKIKRVSVRAFTLIEMLVVLLIISILLLLFVPNLTKQKDKVKDTGGSAVVKVVESQAELYELNKT.DSATLSKLV   75
consensus                                             *    **!!!*!!!*!!*!!!*!*** *!!**!*   ** *!  ********! * * !        **  !*
```

```
logo

NTDB id 98 BSU 24710 NP 390351.1              SEGYVKKDA.VCPNGKRIIITGGEVKVEH   98
NTDB id 160006 SE1039 RS06850 WP 056936206.1  SEGYINESQKRCKTGSTISI.NNGEAVAN  105
NTDB id 32 MW RS07995 WP 000472256.1          ADGFIKEAQKTCKSGETITI.SNGEAVAN  103
NTDB id 16 SA RS07765 WP 000472256.1          ADGFIKEAQKTCKSGETITI.SNGEAVAN  103
NTDB id 502 SM12261 RS00955 WP 000738641.1    ADGRITEEQAKAYKEYHAKQNTSQTVAD.  107
NTDB id 431 SGO RS09410 WP 012130940.1        AAGNISQKQADSYKAYYGKNNSETQAVAN  105
NTDB id 396 FSA28 RS09395 WP 002263437.1      ASGDITQEQANSYKDYYAKHPSKTRHVAN  104
NTDB id 387 SMU RS09025 WP 002263437.1        ASGDITQEQANSYKDYYAKHPSKTRHVAN  104
consensus                                     **! *   *     *      *    ***
```

X non conserved

X similar

X ≥ 50% conserved