```
logo

NTDB id 1103 NMB RS07590 WP 002212976.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 84253 COW1 RS15840 WP 201344721.1   .MARGINKVILVGNLGKDPEVRYMPSGGAVANVTLATSDQWKDKQTGEQRERTEWHNVVFYQRLAEIVGEYLKKGSQVYV   79
NTDB id 1390 A4U84 RS00055 WP 021115958.1   ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                      **!!!!**!*!!*!!**!*!!*!*!!**!***!!!**!*!* *!***!*!!!!********!!**!*!!*!!* !!*

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQSQEAYQRPAQQ.....SRQPASDAPSHP   147
NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQSQEAYQRPAQQ.....SRQPAPDAPSHP   147
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGG.MPAQGGMNV...PAQQ....GSWGQPQQPAKQH..QP   150
NTDB id 84253 COW1 RS15840 WP 201344721.1   EGSLRTRKWQDKNGNDRYTTEIIA....SEMQMLGGRGGGGG.GSAN..YNSNRAPAAAESQGGGGS.............   139
NTDB id 1390 A4U84 RS00055 WP 021115958.1   EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGD.FGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGN   153
consensus                                   !!*****!!*!** !**!*******     ***!!**!  *** **** ***  * ***   ***      ***      *

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      QEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     QEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 84253 COW1 RS15840 WP 201344721.1   ..............GGFDEGFDDDIPF   152
NTDB id 1390 A4U84 RS00055 WP 021115958.1   ATRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                     **   *     ********!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved