```
logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1     ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 40337 DESAC RS09485 WP 013706848.1   .MSRGINKVILIGNLGSDPEMRYTANGAAIARFNIATSESYTDK.EGNRQDRTEWHRIVAWRKLAEICGQYLSKGRLVYI   78
NTDB id 1131 NGFG RS05740 WP 003695064.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1103 NMB RS07590 WP 002212976.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
consensus                                       **!!!!**!*!! !!**!****!*!******!!!!***!*  !** **!!!!*****!!**!*!!*!! *!!*

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1     EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGG.DFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGN   153
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQG.GMPAQGGM...NVPAQ....QGSWGQPQQPAKQHQ..P   150
NTDB id 40337 DESAC RS09485 WP 013706848.1   EGRLRTTSWE.KDGVKRYTTEIEA....RDMQMLGPAGER.......................PLKEAEEPFPPPPGGP   129
NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQSQEAYQR.....PAQQSRQPAPDAPSHP   147
NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQSQEAYQR.....PAQQSRQPASDAPSHP   147
consensus                                    !!******** **!**!*******     ***!!*** **  * *   * *  *   *      *  *  ***   *  *

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1     ATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 40337 DESAC RS09485 WP 013706848.1   ME..................EDDFPF   137
NTDB id 1131 NGFG RS05740 WP 003695064.1     QEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1      QEAPAAPRRQPVPAAAPVEDIDDDIPF   174
consensus                                     * **   *    *  **** *!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved