```
logo

NTDB id 1103 NMB RS07590 WP 002212976.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 393914 FIU82 RS13635 WP 152441290.1 .MARGVNKVILVGNLGQDPEVRYMPNGNGVANISIATTDSWKDKNTGQMQERTEWHRVVLFGKLAEVAGEYLRKGSQVYI   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                    ***!!!!**!*!!*!!**!*!!*!**!*****!!***!*!***! **!*!!!!** ** **!!*!! !!*!!**!!*

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVAN....EMKMLGGRNENSGGAPY.......................................E   119
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQGD....VLQMLDSRSSGG...............DFGGNQGSGW...NQAPAQTNYNQ   136
NTDB id 393914 FIU82 RS13635 WP 152441290.1 EGRLQTRKWTDQSGQDKYTTEIVVD.MGGQMQMLGGRGDNQGAASG.GYQGAQQQGGFGGNNHAQSNPQQGAPQQGAAQQ   157
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMNVPAQ.........................Q   135
consensus                                   !!****!!*****!***********   ****!!**!*******   * *   *   *****       * ** *   **

logo

ESWSDP EAAKGPAQSNQGMQQGNQQQGGFGSNQAHNNRFHGGGQPASDAPSHQ E AAPRGGPANPAA MDNI

NTDB id 1103 NMB RS07590 WP 002212976.1      EGYGQSQEAYQRPAQ.....................QSRQ.....PASDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIP   173
NTDB id 1390 A4U84 RS00055 WP 021115958.1    GGYSD...........................NYAQNNNFN......GGNATRPQP..A..QKPAAQAEPPMDNFDDDIP   179
NTDB id 393914 FIU82 RS13635 WP 152441290.1 GGYGQQQSNNYGQQQSNQGMQQGNQQQGGFGSQQNHQSNQHGGGQQGGGFAPKPQNAPQ...GGASNPMEPPIDFDDDIP   234
NTDB id 1166 A1552VC RS00795 WP 000168289.1 GSWGQPQQPAKQ.....................................HQPMQQSAPQ..QYSQPQYNEPPMDFDDDIP   176
consensus                                   ***** *        *                  *   ****      *** ****! **   ** * ** *!* **!!!!!

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      F   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1    F   180
NTDB id 393914 FIU82 RS13635 WP 152441290.1 F   235
NTDB id 1166 A1552VC RS00795 WP 000168289.1 F   177
consensus                                   !
```

X non conserved

X similar

X $\geq$ 50% conserved