```
logo

NTDB id 1131 NGFG RS05740 WP 003695064.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1103 NMB RS07590 WP 002212976.1       ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1390 A4U84 RS00055 WP 021115958.1     ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 389894 F7R84 RS05165 WP 017827452.1   MASKGVNKVLLIGHLGQDPEMRYLPNGDAVTNITLATSDSWKDKQSGETKERVEWHRVVIFGKLAEIAGEYLRKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1   MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                         **!!!***! !!*!!**!**!*!*!! ****!!!**!*!* *!***!**!!!***********!!*!!*!!*!!* !!*

logo

NTDB id 1131 NGFG RS05740 WP 003695064.1      EGRIQSRKYQGKDGIERTAYDIVAN....EMKMLGGRNENSGGAPYDEGYGQSQE.........AYQRPAQQSRQPAPDA   143
NTDB id 1103 NMB RS07590 WP 002212976.1       EGRIQSRKYQGKDGIERTAYDIVAN....EMKMLGGRNENSGGAPYEEGYGQSQE.........AYQRPAQQSRQPASDA   143
NTDB id 1390 A4U84 RS00055 WP 021115958.1     EGKLKTRKWQDQNGQDRYTTEIQGD....VLQMLDSRSSGG.DFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGN   153
NTDB id 389894 F7R84 RS05165 WP 017827452.1   EGQLQTRKWQDQNGQDRYSTEVVVN.INGSMQILGNNNQAG.SQKSQP......SP.....HQHGWS.............   134
NTDB id 1166 A1552VC RS00795 WP 000168289.1   EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQG.GMPAQG..GMNVPA.....QQGSWGQPQQPAKQHQPMQ   152
consensus                                     !!****!!*!** !**!*******      ***!**** ** * * * * *  *         * **  * ** **

logo

NTDB id 1131 NGFG RS05740 WP 003695064.1      PSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF...............   174
NTDB id 1103 NMB RS07590 WP 002212976.1       PSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF...............   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1     AT....RPQPAQKPAAQAEPPMDNFDDDIPF...............   180
NTDB id 389894 F7R84 RS05165 WP 017827452.1   ...........LQQSPKRNEPPMDFDDDIPFAPIGLMYPRHLINII   169
NTDB id 1166 A1552VC RS00795 WP 000168289.1   ......QSAPQQYSQPQYNEPPMDFDDDIPF...............   177
consensus                                      *     **   **   *  !****!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved