

```
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 244407 CKG23 RS06300 WP 006248158.1 .....MNLVTLVGRLGQDPDIRTMQNGEKAAALSVATSEKWTDKQTGVKKESTEWHRVVLYRRLAEIAELYVKKGHLVSI   75
NTDB id 1390 A4U84 RS00055 WP 021115958.1   ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                        *!*!***!*!!*!!**!*!**!********!!!!*!*!* *! **!*!!!!*********!!*!**!**!!  *!**
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logo
NTDB id 1103 NMB RS07590 WP 002212976.1     EGRIQSRKYQGKDGIERTAYDIVAN....EMKMLGGRNENSGGAP........YEEGYGQSQEA.......YQRPAQQSR   137
NTDB id 1131 NGFG RS05740 WP 003695064.1    EGRIQSRKYQGKDGIERTAYDIVAN....EMKMLGGRNENSGGAP........YDEGYGQSQEA.......YQRPAQQSR   137
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMNVPAQQGSWGQPQQP...............   144
NTDB id 244407 CKG23 RS06300 WP 006248158.1 IGKIKTRKWTDSNGVERSITEIIAE....QMQMLSSGEKNTPNT.......PN...........................   117
NTDB id 1390 A4U84 RS00055 WP 021115958.1   EGKLKTRKWQDQNGQDRYTTEIQGD....VLQMLDSRSSGGDFG.......GNQGSGWNQAPAQTNYNQGGYSDNYAQNN   147
consensus                                   *!****!!***  !**!* ******     **!!***   ***  *             **** *         *     *
```



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logo
NTDB id 1103 NMB RS07590 WP 002212976.1     QPASDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1    QPAPDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1 ....AKQHQPMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 244407 CKG23 RS06300 WP 006248158.1 ....KAENKPQPKQKNQDVMTADEQKDIPQFDDDIPF   150
NTDB id 1390 A4U84 RS00055 WP 021115958.1   NFNGGNATRPQPAQKP....AAQAEPPMDNFDDDIPF   180
consensus                                   *    * * !* * *        *  *****!!!!!!
```

X non conserved

X similar

X $\geq 50\%$ conserved