```
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 343677 EWA65 RS00235 WP 000168293.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKTTGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                    **!!!!**!*!!*!!**!*!!*!*!!*****!!!!*!*!* *!***!*!!!!********!!*!!*!!*!!* !!*

logo

NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGA........PYDEGYGQSQEAYQRPAQQ.SRQPA..P   141
NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGA........PYEEGYGQSQEAYQRPAQQ.SRQPA..S   141
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGGN.......QGSGWNQAPAQTNYNQGGYSDNYAQNN   147
NTDB id 343677 EWA65 RS00235 WP 000168293.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRTQQGGMPAQQGGMNAPQQGGWGQPQQPAKQH............   148
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMNVPAQQGSWGQPQQPAKQH............   148
consensus                                   !!*****!!*!** !**!*******     ***!!**!  *** ***      **  ***! *   *      * * *

logo

NTDB id 1131 NGFG RS05740 WP 003695064.1     DAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1      DAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1    NFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 343677 EWA65 RS00235 WP 000168293.1 ..Q..PMQQSAPQQYAQPQYNEPPMDFDDDIPF   177
NTDB id 1166 A1552VC RS00795 WP 000168289.1 ..Q..PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                     *  *   *** **   **  !****!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved