```
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 192579 BFF41 RS22400 WP 006785953.1 MSSRGVNKVILVGNLGQDPEVRYIPNGSAVATLSLATSESWRDKQSGEQKEVTEWHRVVIFGKLAEIAGEYLRKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                    **!!!!**!*!!*!!**!**!*!*!!*****!!!!*!*!* *!***!*!!!!*****!!*!!*!!*!!* !!*

logo

NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYDEGYGQ..SQEAYQRPAQQSRQ........PAPD   142
NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYEEGYGQ..SQEAYQRPAQQSRQ........PASD   142
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSGGDF.GGNQG.......SGWNQAPAQTNYNQGGYSDNYAQN   146
NTDB id 192579 BFF41 RS22400 WP 006785953.1 EGQLRTRKWTDQAGQEKYTTEVVV.NIGGTMQMLGGRQSGSGQ.......NTSSRNDWGQPQQPS..............   137
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGM.PAQGGMNVPAQQGSWGQPQQPA..............   145
consensus                                    !!****!!**** !*********    *  **!!**!* ***  *   *  *  ** ***** ***          *

logo

NTDB id 1131 NGFG RS05740 WP 003695064.1     APSHPQ..EAPAAPRRQPVPAAAPVEDIDDDIPF...............   174
NTDB id 1103 NMB RS07590 WP 002212976.1      APSHPQ..EAPAAPRRQPVPAAAPVEDIDDDIPF...............   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1    NNFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF...............   180
NTDB id 192579 BFF41 RS22400 WP 006785953.1 GPTHSG........QASGSSAGAPPMDFDDDIPFIGFGYDCSRVAIHAL   178
NTDB id 1166 A1552VC RS00795 WP 000168289.1 KQHQPMQQ..SAPQQYSQPQYNEPPMDFDDDIPF...............   177
consensus                                    *****      **  **    ***!****!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved