```
logo

NTDB id 1103 NMB RS07590 WP 002212976.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 30436 LCHO RS02790 WP 012345592.1    ..MASVNKVILIGNLGRDPEVRYTPSGAAVCNVSVATTRNWKSKDGGERQEETEWHRVVFYDRLAEIAGEYLRKGRPVYV   78
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                        **!!!!**!*!!*!!**!**!*!*!!*****!!***!***  !** !*!!!!********!!*!!*!!*!!  !!*

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGA.....PYEEGY.....GQSQEAYQRPAQQSRQPASD   142
NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGA.....PYDEGY.....GQSQEAYQRPAQQSRQPAPD   142
NTDB id 30436 LCHO RS02790 WP 012345592.1    EGRLKTRKWQDKEGRDQYTTEIVA....DQMQLLGGRESGGGGGGEMGAEEEMGGGGGRGGSSGGGYRREAPEGR....A   150
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGGNQGSGWNQAP..AQTNYNQGGYSDNYAQNN....N   148
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMNV.........PAQQGSWGQPQQPA......   145
consensus                                    !!****!!*!***! ********      ***!**!  ******  *  ** *      * ***** ***** *

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      APSHPQEAPAAPRRQPVP.AAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     APSHPQEAPAAPRRQPVP.AAAPVEDIDDDIPF   174
NTDB id 30436 LCHO RS02790 WP 012345592.1    APAPRASAPRAPAPAPAPKSSTGFDDMDDDIPF   183
NTDB id 1390 A4U84 RS00055 WP 021115958.1    FNGGNA.TRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1166 A1552VC RS00795 WP 000168289.1  .KQHQPMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                    ** *   ** *!   * * *  *****!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved