```
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 219198 A9237 RS10210 WP 078608122.1 MASRGINKVILVGNLGNDPEIRYMPNGGAVANITIATSESWRDKGTGEQREKTEWHRVVLFGKLAEVAGEYLRKGSQVYV   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                     **!!!!**!*!!*!!**!*!!*!*!!*****!!!!*!*!* *!***!*!!!!********!!*!!*!!*!!* !!*

logo

NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYG..QSQEAYQRPAQQSRQP........APD   142
NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYG..QSQEAYQRPAQQSRQP........ASD   142
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGG.DFG.......GNQGSGWNQAPAQTNYNQGGYSDNYAQN   146
NTDB id 219198 A9237 RS10210 WP 078608122.1 EGQLQTRKWQDQSGQDRYSTEVVVQGFNGVMQMLGGRAQ.G.GAPMGGGQPQQQQQGGWGQPQQPAQQQ...........   147
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQG.GMPAQGGMNVPAQQGSWGQPQQPAKQH...........   148
consensus                                   !!****!!*!** !**!******     ***!!**!  ** ***   *    *** ***** *****         *

logo

NTDB id 1131 NGFG RS05740 WP 003695064.1     APSHP..QEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1      APSHP..QEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1    NNFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 219198 A9237 RS10210 WP 078608122.1 QYNAPQQQQQQQAPQQPQQQYNEPPMDFDDDIPF   181
NTDB id 1166 A1552VC RS00795 WP 000168289.1 QPMQ.....QSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                   **  *  *  *****   **  !****!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved