```
logo

NTDB id 1131 NGFG RS05740 WP 003695064.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1103 NMB RS07590 WP 002212976.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 669524 MRY16 RS00890 WP 004909838.1 ..MRGVNKVILVGTLGKDPETKTFPNGGSLTQFSIATSESWTDKNTGERKEQTEWHRIVLHNRLGEIAQQYLRKGSKVYI   78
NTDB id 1390 A4U84 RS00055 WP 021115958.1   ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                      **!!!!**! !!*!!*****!*!*** ****!!!!*!*!***!***!*!!!!**********!*!**!!*!!* !!*

logo

NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQS......QEAYQRPAQQS..........   136
NTDB id 1103 NMB RS07590 WP 002212976.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQS......QEAYQRPAQQS..........   136
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGM.PAQGGMNVPA....QQGSWGQPQQPA..........   145
NTDB id 669524 MRY16 RS00890 WP 004909838.1 EGSLRTRQWTDQNGQERYSTEIRG....DQMQMLDSRQQGGEH.QAGNDFNQPRFNNNQGGGYQNTGYNN..N....QNG   147
NTDB id 1390 A4U84 RS00055 WP 021115958.1   EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDF.GG...........NQGSGWNQAPAQTNYNQGGYSDN   142
consensus                                   !!*****!***** !**!*******       **!!**!* ***  **  ** *       ** *********

logo

NTDB id 1131 NGFG RS05740 WP 003695064.1     ........RQPAPDAPSHPQEAPA..APRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1     ........RQPASDAPSHPQEAPA..APRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1 ...............KQHQPM.QQSAPQQYSQP.QYNEPPMDFDDDIPF   177
NTDB id 669524 MRY16 RS00890 WP 004909838.1 YGQGGGFGGGNQGNYAGSPQAGNGFNTPKAAP.QPAAAPADLDDDLPF   194
NTDB id 1390 A4U84 RS00055 WP 021115958.1   YAQNNNFNGGNATR....PQP.....AQKPAA.QAEPPMDNFDDDIPF   180
consensus                                              *      !* * *  *** ** *********!!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved