```
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 1107181 ACLKMZ RS14750 WP 411691873.1  ..MRGVNKVILVGTLGKDPETKTFANGGSLTQFSIATSDSWTDKNTGERKEQTEWHRIVLHNRLGEIAQQYLRKGSKVYI   78
NTDB id 1390 A4U84 RS00055 WP 021115958.1       ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                           **!!!!**! !!*!!*******!*** ****!!!**!*!***!***!*!!!!**********!*!**!!*!!* !!*

logo
NTDB id 1131 NGFG RS05740 WP 003695064.1        EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAP................YDEGYGQSQE.......AY   129
NTDB id 1103 NMB RS07590 WP 002212976.1         EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAP................YEEGYGQSQE.......AY   129
NTDB id 1166 A1552VC RS00795 WP 000168289.1     EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMNVPA........QQGSWGQPQQ........   143
NTDB id 1107181 ACLKMZ RS14750 WP 411691873.1  EGSLRTRQWTDQNGQERYTTEIRG....EQMQMLDNNRQQGEQGQGGEFNQPRFNNQQGGNNQGGYNNNQSGGYGNQGGN   154
NTDB id 1390 A4U84 RS00055 WP 021115958.1       EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGG................NQGSGWNQAP.....AQTNY   134
consensus                                       !!*****!***** !**!*******       **!!***  *** *                *  **** *        **

logo
NTDB id 1131 NGFG RS05740 WP 003695064.1        QRPAQQSRQPAPD.APSHPQEAPAAPRRQPVP.AAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1         QRPAQQSRQPASD.APSHPQEAPAAPRRQPVP.AAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1     .........PA....KQHQPMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1107181 ACLKMZ RS14750 WP 411691873.1  NQGGYGNNQPAQGNSYGNNNPGGFAPKQQPAPTPAPAAADLDDDLPF   201
NTDB id 1390 A4U84 RS00055 WP 021115958.1       NQGGYSDNYA.QNNNFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                       *  *    ***      * * *  *!**** * ** *****!!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved