```
logo

NTDB id 1103 NMB RS07590 WP 002212976.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 70312 VCASEI RS02535 WP 086960845.1 MASRGINKVILVGNLGNDPEIRYLPSGGAVANITIATSDSWRDKATGEQREKTEWHRVSLFGKLAEVAGEYLRKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                       **!!!!**!*!!*!!**!**!*!*!!******!!!**!*!* *!***!*!!!!********!!*!!*!!*!!* !!*

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPY........EEGYGQSQE..AYQRPAQQSRQPASD   142
NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPY........DEGYGQSQE..AYQRPAQQSRQPAPD   142
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGG.......NQGSGWNQAPAQTNYNQGGYSDNYAQNN   147
NTDB id 70312 VCASEI RS02535 WP 086960845.1 EGQLQTRKWQDQSGQDRFTTEVVVQGFNGVMQMLGGRAQGGAQAPAG.....NQGGNWGQPQQPQASQQP..........   145
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMNVPAQQGSWGQPQQPAKQHQP..........   150
consensus                                   !!****!!*!** !**!*******     ***!!**!  *** **         *  ***! *   ******

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      APSHPQEA.PAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     APSHPQEA.PAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1    NFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 70312 VCASEI RS02535 WP 086960845.1 ...ASRAPQQQSPQQQAPQYNEPPMDFDDDIPF   175
NTDB id 1166 A1552VC RS00795 WP 000168289.1 ...MQQSAP...QQYSQPQYNEPPMDFDDDIPF   177
consensus                                       * * *  ****  **  !****!!!!!!
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X non conserved

X similar

X $\geq$ 50% conserved