```
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 91590 OCU36 RS01595 WP 261838739.1  MASRGVNKVILVGNLGNDPEIRYMPNGSAVANITIATSESWRDKATGEQREKTEWHRVALFGKLAEVAGEYLRKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                       **!!!!**!*!!*!!**!*!!*!*!!*****!!!!*!*!* *!***!*!!!!********!!*!!*!!*!!* !!*

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQSQ..EAYQRPA...QQSR.QPAS.DAPS   145
NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQSQ..EAYQRPA...QQSR.QPAP.DAPS   145
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSG.GDFGGN.......QGSGWNQAP..AQTNYNQGGYSDNYA   144
NTDB id 91590 OCU36 RS01595 WP 261838739.1  EGQLQTRKWQDQSGQDRYTTEVVVQGFNGVMQMLGGRAQ..GGAPAQGGMGNNQQQGGWGQPQQPQQQQYSAPA.....Q   153
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQ.GGMPAQGGMNVPAQQGSWGQPQQPAKQHQP........   150
consensus                                   !!****!!*!** !**!*******     ***!!**!  * !***** * ** **  *****    **   ***  *

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      .......HPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     .......HPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1    QNNNFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 91590 OCU36 RS01595 WP 261838739.1  QQQ.....KAPQQSAPQPAQPQYNEPPMDFDDDIPF   184
NTDB id 1166 A1552VC RS00795 WP 000168289.1 .........MQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                             ******   **  !****!!!!!!
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X non conserved

X similar

X $\geq$ 50% conserved