```
logo

NTDB id 113 BSU 40900 NP 391970.1          ....MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQS.GE..READFINCVTWRRQAENVANFLKKGSLAGV   73
NTDB id 31441 ANAEK RS19450 WP 012527836.1 ....MVNRVILVGNLGKDPEVRYTSGGQAVANLRIATSRSWTDKQSGQRKEETEWHDVEVWGKQAEQCGEYLAKGRQVYV   76
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1390 A4U84 RS00055 WP 021115958.1  ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                  *!*!***!*!**!!**!* **!*!!! ***!** ***** *!************** **!!*****!*!!*****

logo

NTDB id 113 BSU 40900 NP 391970.1          DGRLQTRNYENQQ.GQRVFVTEVQA....ESVQFLEPKNGGGSG..S................GGYNEGNSGGGQYFGGG   130
NTDB id 31441 ANAEK RS19450 WP 012527836.1 EGRLKTDKWQDKQSGQERSKVKVVA....ETVRFLGGGGGAGR..GAGGPGRQHGPDD..GPPGGFEEPDSGPGPGFGGG   148
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQS.GQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGM...NVPAQ....QGSWGQPQQ.PAKQHQ..   149
NTDB id 1390 A4U84 RS00055 WP 021115958.1  EGKLKTRKWQDQN.GQDRYTTEIQG....DVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDNYA.QNNNFNGG   152
consensus                                  *!*! !******* !!******* *    * ** !******!   **** * ******    *!** ************

logo

NTDB id 113 BSU 40900 NP 391970.1          QNDNPFGGNQNNQRRNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 31441 ANAEK RS19450 WP 012527836.1 GG.............................GGGGGPDDIPF   161
NTDB id 1166 A1552VC RS00795 WP 000168289.1 PMQQS..............APQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1390 A4U84 RS00055 WP 021115958.1  NATRP..............QPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                  ** **               *** * **    *** **!!*!!
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X non conserved

X similar

X $\geq$ 50% conserved