```
logo
NTDB id 298374 DK875 RS07200 WP 002937951.1  ....MINNVVLVGRMTKDAELRYTPSNVAVATFTLAVNRNRKNEN.GER..EADFINCVIWRQAAENLANWAKKGALIGI   73
NTDB id 624 LCA RS00040 WP 011373726.1       ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNAN.GDR..EADFINCVIWRKSAENFANFTKKGSLVGV   73
NTDB id 113 BSU 40900 NP 391970.1            ....MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQS.GER..EADFINCVTWRRQAENVANFLKKGSLAGV   73
NTDB id 112 BSU 36310 NP 391512.2            ....MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNAS.GEI..EADYVNCTLWRKTAENTALYCQKGSLVGV   73
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                        **!*!***!****!***!*** **!!** **!***** *   !**  ************ !!* *** *!!*****

logo
NTDB id 298374 DK875 RS07200 WP 002937951.1  VGSIQTRNYENQQGQRVYVTEVIA....NQFHMLESRGQQSQGNS......FQNGNNSNSGNF.QNGN.............   130
NTDB id 624 LCA RS00040 WP 011373726.1       DGRLQTRNYENQQGQRVYVTEVVV....DNFSLLESRTTTEQRQGDGASQNFNSNQ.SNGSQ.......QSGFTSPQQTG   141
NTDB id 113 BSU 40900 NP 391970.1            DGRLQTRNYENQQGQRVFVTEVQA....ESVQFLEPKNGGGSGSG.....GYNEGN.SGGGQYFGGGQNDNPFGGNQNNQ   143
NTDB id 112 BSU 36310 NP 391512.2            SGRIQTRSYENEEGVNVYVTEVLA....DTVRFMDPKPREKAAD.......................................   113
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGM......NVPAQ....QGSWGQPQQPAKQHQ.   149
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGGNQGS...GWNQAPAQTNYNQGGYSDNYAQNNNFNG   151
consensus                                    *!***!! *****!* ***!!***    * * *** *       *           *     *              *

logo
NTDB id 298374 DK875 RS07200 WP 002937951.1  .....NQGYQSPF.GNSNPMDISDDDLPF   153
NTDB id 624 LCA RS00040 WP 011373726.1       NAPAANNTQADPFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1            RRNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            ..............................   113
NTDB id 1166 A1552VC RS00795 WP 000168289.1  .PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1390 A4U84 RS00055 WP 021115958.1    GNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                              *   *    ***   ******
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X non conserved

X similar

X $\geq$ 50% conserved