```
logo

NTDB id 1103 NMB RS07590 WP 002212976.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYR.KLAEIAGQYLKKGGLVY    75
NTDB id 1131 NGFG RS05740 WP 003695064.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYR.KLAEIAGQYLKKGGLVY    75
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFR.RQAEVAGQYLRKGSKVY    77
NTDB id 421548 FY143 RS05625 WP 065687409.1 .MAGSVNKVILIGNVGADPEIRRTQDGRPIANLRIATSETWRDRNSGERKEKTEWHTVVVFNEGLCKVVEQYVKKGAKLY    79
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYG.KLAEVAGEYLRKGSQVY    79
consensus                                       **!!!!**!**! !!**!****!********!!!!*!*!***!***!!!!! ***** ********!**!!* *!

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYE........EGYGQSQEAYQRPAQQSRQPASDA   143
NTDB id 1131 NGFG RS05740 WP 003695064.1     LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYD........EGYGQSQEAYQRPAQQSRQPAPDA   143
NTDB id 1390 A4U84 RS00055 WP 021115958.1    VEGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDNYAQ..NNNFNG   151
NTDB id 421548 FY143 RS05625 WP 065687409.1 IEGQLQTRKWQDQTGNDRYSTEVVLQGFNSTLTMLDGRGEGGGGSRS...GGDIGGGDYGSGGGNYGGGYDQ..QP....   150
NTDB id 1166 A1552VC RS00795 WP 000168289.1 IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQ...GGMNVPAQQGSWGQPQQPAKQH..QP....   150
consensus                                   *!!****!!*!** !**!*******       * !!**! ******     *     * **  * ***   **  **   *

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      PSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     PSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..GNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 421548 FY143 RS05625 WP 065687409.1 ....AARGGASRGGSQPSGGFSSDMDDDIPF   177
NTDB id 1166 A1552VC RS00795 WP 000168289.1 ....MQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                          *** **   ********!!!!!!
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X non conserved

X similar

X $\geq$ 50% conserved