```
logo

NTDB id 1103 NMB RS07590 WP 002212976.1          ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMY.RKLAEIAGQYLKKGGLVY    75
NTDB id 1131 NGFG RS05740 WP 003695064.1         ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMY.RKLAEIAGQYLKKGGLVY    75
NTDB id 111711 GBCGDNIH4 RS06105 WP 011631927.1 .MAGSVNKVILIGNLGRDPEVRNTQDGGKVVNFTLATSETWNDRASGERKERTEWHRVVVFNDRLADIAERYLRKGTKVY    79
NTDB id 1166 A1552VC RS00795 WP 000168289.1     MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLY.GKLAEVAGEYLRKGSQVY    79
NTDB id 1390 A4U84 RS00055 WP 021115958.1       ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFF.RRQAEVAGQYLRKGSKVY    77
consensus                                           **!!!!**!*!!*!!**!****!**! ****!!!!*!*!* *!***!*!!!!****** ***!**!**!!*!!* !!

logo

NTDB id 1103 NMB RS07590 WP 002212976.1          LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQSQEAYQRPAQQSR.....QPASDAPSH   146
NTDB id 1131 NGFG RS05740 WP 003695064.1         LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQSQEAYQRPAQQSR.....QPAPDAPSH   146
NTDB id 111711 GBCGDNIH4 RS06105 WP 011631927.1 VEGALQTRKWTDQAGQEKYTTEVVISRFRGEITMLDSRSGGEG.AG..EGGGYRSAPAQRAPSGGGSGF........GGG   148
NTDB id 1166 A1552VC RS00795 WP 000168289.1     IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGG.MPAQGGM...NVPAQ....QGSWGQPQQPAKQHQ..   149
NTDB id 1390 A4U84 RS00055 WP 021115958.1       VEGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGD.FGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGG   152
consensus                                       *!!****!!**** !*********      ** !!**!  * * **  *! *  * **!*  ***       ***

logo

NTDB id 1103 NMB RS07590 WP 002212976.1          PQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1         PQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 111711 GBCGDNIH4 RS06105 WP 011631927.1 S.SR..PASGGSGWEPSHGGDLDDEIPF   173
NTDB id 1166 A1552VC RS00795 WP 000168289.1     PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1390 A4U84 RS00055 WP 021115958.1       NATRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                       *   ***  *    *  *****!!*!!!
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X non conserved

X similar

X $\geq$ 50% conserved