```
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 1139006 DQO01 RS26910 WP 010467282.1  .MARGVNKVILVGTCGQDPEVRYLPNGNAVTNLSLATSEQWTDKQTGQKVEKTEWHRVSMFGKVAEIAGEYLRKGSQVYI   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1   MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                         **!!!!**! *!*!!**!**!*!*!! ****!!!!*!*!* *!***!*!!!!********!!*!!*!!*!!* !!*

logo

NTDB id 1103 NMB RS07590 WP 002212976.1        EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQSQEAYQRPAQQSRQP....ASDAPSHPQ   148
NTDB id 1131 NGFG RS05740 WP 003695064.1       EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQSQEAYQRPAQQSRQP....APDAPSHPQ   148
NTDB id 1390 A4U84 RS00055 WP 021115958.1      EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDF.GGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGN   153
NTDB id 1139006 DQO01 RS26910 WP 010467282.1  EGKLQTREWEK.DGIKRYTTEIVV.DMQGTMQLLGGRPQQGDQ.QGGGNNYQQSAPAPRQQA..PRP....QQSAP..QQ   148
NTDB id 1166 A1552VC RS00795 WP 000168289.1   EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGM.PAQGGMNV...PAQQGSW..GQP....QQPAKQHQP   150
consensus                                     !!****!***  *!**!******      ***!**!  ***  **  * ** * ****  **  **    ** ** * *

logo

NTDB id 1103 NMB RS07590 WP 002212976.1        EAPAAPRRQPV.PAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1       EAPAAPRRQPV.PAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1      ATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1139006 DQO01 RS26910 WP 010467282.1  SRQAPPPQQAAPQPAPDFDSFDDDIPF   175
NTDB id 1166 A1552VC RS00795 WP 000168289.1   MQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                        **! ***  *** *****!!!!!!
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X non conserved

X similar

X $\geq$ 50% conserved