

```
NTDB id 1131 NGFG RS05740 WP 003695064.1    ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1103 NMB RS07590 WP 002212976.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1471 ASU2 RS04565 WP 014991634.1    ..MAGINKVIIVGNLGNDPEMRTMPNGEAVANISVATSESWTDKNTGERREVTEWHRIVFYRRQAEVAGQYLRKGSQVYV   78
NTDB id 1390 A4U84 RS00055 WP 021115958.1   ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 54923 OCU28 RS05475 WP 261817321.1  MASRGVNKVILLGNLGNDPEVRHFSNGNAVANFTVATSETWQDKATGQQREKTEWHRVSVMGKLAEIAGNYLKKGSQVYV   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1447 BW25113 RS21080 WP 000168305.1 MASRGVNKVILVGNLGQDPEVRYMPNGGAVANITLATSESWRDKATGEMKEQTEWHRVVLFGKLAEVASEYLRKGSQVYI   80
consensus                                     **!!!!**!*!!*!!**!****!*!!*****!!!!*!*!* *!***!*!!!!**********!!*!**!!*!!**!!*
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NTDB id 1131 NGFG RS05740 WP 003695064.1    EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYD.EGYGQSQEAYQRPAQQSR...Q.........PA   140
NTDB id 1103 NMB RS07590 WP 002212976.1     EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYE.EGYGQSQEAYQRPAQQSR...Q.........PA   140
NTDB id 1471 ASU2 RS04565 WP 014991634.1    EGRLKTRKWQDQNGQDRYTTEIQ....GDVLQMLGGRNQGGDFGGN.......QGGWGNSAPAPQQSYNQGNSGYGYDQT   147
NTDB id 1390 A4U84 RS00055 WP 021115958.1   EGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSGGDFGGN.......QGSGWNQAPA.QTNYNQGGYSDNYAQN   146
NTDB id 54923 OCU28 RS05475 WP 261817321.1  EGQLQTRKWQDKSGQERYTTEIVVQQGFNGTMQLLGARGETSNMQSTPPQSTAQSSG..SQPNA.................   141
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQQGYNGIMQMLGGRAQQGGMPAQGGMNVPAQQGSWGQPQQPAK.............Q   147
NTDB id 1447 BW25113 RS21080 WP 000168305.1 EGQLRTRKWTDQSGQDRYTTEVVVN.VGGTMQMLGGRQ.GGGAPAGGNIGGGQPQGGWGQPQQPQG.............G   145
consensus                                   !!****!!****  !**!******     *  ***!**!*  ** **       ** ******* *       *
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NTDB id 1131 NGFG RS05740 WP 003695064.1    PDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1     SDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1471 ASU2 RS04565 WP 014991634.1    ASRPA...QQAAKQAAKPAQAEPPMDNFDDDIPF   178
NTDB id 1390 A4U84 RS00055 WP 021115958.1   NNFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 54923 OCU28 RS05475 WP 261817321.1  ..FQGSVQ.....NSSTNQQNYQP.DD.YDDIPF   166
NTDB id 1166 A1552VC RS00795 WP 000168289.1 HQPMQ..QSAPQ.QYSQPQYNEPP.MDFDDDIPF   177
NTDB id 1447 BW25113 RS21080 WP 000168305.1 NQFSGGAQSRPQQSAPAAPSNEPP.MDFDDDIPF   178
consensus                                     *  *  *       *  ***!*****!!!!!
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X non conserved

X similar

X ≥ 50% conserved