```
logo

NTDB id 624 LCA RS00040 WP 011373726.1        ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNA.NGD..READFINCVIWRKSAENFANFTKKGSLVGV   73
NTDB id 1131 NGFG RS05740 WP 003695064.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1103 NMB RS07590 WP 002212976.1       ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1390 A4U84 RS00055 WP 021115958.1     ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 215713 BRW84 RS03240 WP 005881460.1  ..MASINKVIIVGNLGRDPENRYLPSGEQVTSIAVATTDRWRDKASGEQKEQTEWHRISFFGKLAEIAGQYLKKGSQVYI   78
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                       *!*!***! !**!***!*** !**!    **!*****  **   !*   *  ****  *******!!*******!!*  !**

logo

NTDB id 624 LCA RS00040 WP 011373726.1        DGRLQTRNYENQQGQRVYVTEVVVD....NFSLLESRTTTEQRQGDGASQNFNSN...QSNGSQQSGFTSPQQTGNAPAA   146
NTDB id 1131 NGFG RS05740 WP 003695064.1      EGRIQSRKYQGKDGIERTAYDIVAN....EMKMLGGRNENSGGAP..YDEGYGQ.........SQEAYQRPAQQSRQPAP   141
NTDB id 1103 NMB RS07590 WP 002212976.1       EGRIQSRKYQGKDGIERTAYDIVAN....EMKMLGGRNENSGGAP..YEEGYGQ.........SQEAYQRPAQQSRQPAS   141
NTDB id 1390 A4U84 RS00055 WP 021115958.1     EGKLKTRKWQDQNGQDRYTTEIQGD....VLQMLDSRSSG.GDFG..GNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNG   151
NTDB id 215713 BRW84 RS03240 WP 005881460.1  EGRLRTRKYTDKEGIDRYATEIIAD....TMQMLGSRQGA.GEPP..E...............ERGSYQPPSRPAQN...   133
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQ.GGMP..AQGGMN...VPA....QQGSWGQPQQPAKQHQP   150
consensus                                    *!****!***   ! *** *****      * *!* !    *  *     *              * **  * *   *

logo

NTDB id 624 LCA RS00040 WP 011373726.1        NNT...Q......ADPFANNGQAIDISDDDLPF   170
NTDB id 1131 NGFG RS05740 WP 003695064.1      DAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1       DAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1     GNATRPQ....PAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 215713 BRW84 RS03240 WP 005881460.1  TQQQRPQ....QSNR..PAGL..SPDMDDDIPF   158
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MQQSAPQ....QYSQ..PQYNEPPMDFDDDIPF   177
consensus                                     * * *!        *     *  **** !!!*!!
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X non conserved

X similar

X $\geq$ 50% conserved