```
logo
NTDB id 624 LCA RS00040 WP 011373726.1        ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNA.NGD..READFINCVIWRKSAENFANFTKKGSLVGVDG   75
NTDB id 112 BSU 36310 NP 391512.2             ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNA.SGE..IEADYVNCTLWRKTAENTALYCQKGSLVGVSG   75
NTDB id 413232 GS400 RS19890 WP 160104453.1  ..MLNRVVLVGRLTKDPDLRYTPNGVAVANFTIAVNRPFNSQ.QGG..KDADFINCVVWRRAAENLANFMKKGSQVGVDG   75
NTDB id 113 BSU 40900 NP 391970.1             ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQ.SGE..READFINCVTWRRQAENVANFLKKGSLAGVDG   75
NTDB id 1131 NGFG RS05740 WP 003695064.1      .MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEG   78
NTDB id 1390 A4U84 RS00055 WP 021115958.1     MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG   80
consensus                                       **!*!***!*!**!***!****! !!* ***!*****     !*   **********!* !!* *****!!******!

logo
NTDB id 624 LCA RS00040 WP 011373726.1        RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFN........SNQS..NGSGQSGFTSP..QQTGNA   143
NTDB id 112 BSU 36310 NP 391512.2             RIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.................................................   113
NTDB id 413232 GS400 RS19890 WP 160104453.1  RLQSRSFDNSEGKRVFVTEVVADSVQFLESKGSGSGGAGSQGFQ...................NNNQNQFGNN..NQN...   132
NTDB id 113 BSU 40900 NP 391970.1             RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSG........GGQYFGGGQNDNPFGGN..QNNQRR   145
NTDB id 1131 NGFG RS05740 WP 003695064.1      RIQSRKYQGKDGIERTAYDIVANEMKMLGGRNENSG.GAPYDEGYGQSQ.......EAYQRPAQQSRQPAPDAPSHPQEA   150
NTDB id 1390 A4U84 RS00055 WP 021115958.1     KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGN....ATR   156
consensus                                     ****! ***  !  ********* *  ** *       *                          *   *

logo
NTDB id 624 LCA RS00040 WP 011373726.1        PAANNTQADPFANNGQAIDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2             ............................   113
NTDB id 413232 GS400 RS19890 WP 160104453.1  QQSNQNQEDPFSNNGDPIDISDDDLPF   159
NTDB id 113 BSU 40900 NP 391970.1             NQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 1131 NGFG RS05740 WP 003695064.1      PA...APRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1     PQ...PAQKPAAQAEPPMDNFDDDIPF   180
consensus                                               *  * * ***  ******
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X non conserved

X similar

X $\geq$ 50% conserved