```
logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1    MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG  80
NTDB id 113 BSU 40900 NP 391970.1            ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG.E..READFINCVTWRRQAENVANFLKKGSLAGVDG  75
NTDB id 202121 LA20531 RS06050 WP 013436847.1..MINRVVLVGRLTRDPELRTTGSGISVATFTLAVDRQFTNSQG.E..RGADFISCVIWRKSAENFCNFTSKGSLVGVDG  75
NTDB id 624 LCA RS00040 WP 011373726.1       ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG.D..READFINCVIWRKSAENFANFTKKGSLVGVDG  75
consensus                                      **!*!**!!*!**!***!  **  !**!*!***!******* ** *  ********!**!* !!***** *!!!***!*!

logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1    KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAP..AQTNYNQGG.YSDNYAQNNNFNGGNATRP  157
NTDB id 113 BSU 40900 NP 391970.1            RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGS..GSGGYNEG...NSGGGQYFGGGQNDNPFGGNQN.NQRRNQGN  149
NTDB id 202121 LA20531 RS06050 WP 013436847.1RIQTRSYDNKDGQRVYVTEVVVDNFALLESRKDREARGQNGGYTPNNGNNSTPST.NN...FQNNGGSQNN.NPQNNNNQ  150
NTDB id 624 LCA RS00040 WP 011373726.1       RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQQSG...FTSP.QQTGN.A...PAAN  147
consensus                                    ***!!******!!****!!* ******!******  ******  * ********************  **********!  *   *****

logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1    QPAQKPAAQAEPPMDNFDDDIPF  180
NTDB id 113 BSU 40900 NP 391970.1            SFNDDPFANDGKPIDISDDDLPF  172
NTDB id 202121 LA20531 RS06050 WP 013436847.1NNAQDPFAGSGDTIDISDDDLPF  173
NTDB id 624 LCA RS00040 WP 011373726.1       NTQADPFANNGQAIDISDDDLPF  170
consensus                                    * ***!*!* * **!**!!!*!!
```

X non conserved
X similar
X ≥ 50% conserved