```
logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1      MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG   80
NTDB id 1130987 H0511 RS08195 WP 179974001.1  ..MINNVVLVGRMTRDAELRYTPSNVAVATFSLAVNRNFKGAN.G..ERETDFINCVIWRQQAENLANWAKKGALVGITG   75
NTDB id 624 LCA RS00040 WP 011373726.1        ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNAN.G..DREADFINCVIWRKSAENFANFTKKGSLVGVDG   75
NTDB id 113 BSU 40900 NP 391970.1             ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQS.G..EREADFINCVTWRRQAENVANFLKKGSLAGVDG   75
consensus                                       **!*!**!!****!***!*** **!!*!***!*** ***** !  *** *****!**!**!!*******!!******!

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1      KLKTRKWQDQNGQDRYTTETQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDNY......AQNNNFNGGNA   154
NTDB id 1130987 H0511 RS08195 WP 179974001.1  RIQTRNYENQQGQRVYVTEVVADNFQMLESRAAREGHSG....G........SYNVGGFDNSNSFGGGASTGDSFGESQP   143
NTDB id 624 LCA RS00040 WP 011373726.1        RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQ........NFNSNQSNGSQ........QSGFTSPQQ   139
NTDB id 113 BSU 40900 NP 391970.1             RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGS.....G........GYNEGNSGGGQYFGGGQN.DNPFGGNQN   141
consensus                                      ***!!****!*!!****!!* ******!****** *    **   ***         **! *** *** ****    ** !** **

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1      TR.....PQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1130987 H0511 RS08195 WP 179974001.1  AQSTP.NFGRDESPF.GNSNPMDISDDDLPF   172
NTDB id 624 LCA RS00040 WP 011373726.1        TGNAPAANNTQADPFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1             NQRRNQGNSFNDDPFANDGKPIDISDDDLPF   172
consensus                                      **   * *** ***!*******!**!!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved