```
logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1     MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG    80
NTDB id 401499 GKC13 RS01395 WP 002951905.1   ..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     KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGNA.....T   155
NTDB id 401499 GKC13 RS01395 WP 002951905.1   RIQTRNYENQQGQRVYVTEVVADNFQMLESRAAREGHSG....G........SYNVGGFDN....SNSFGGGASTGGSFG   139
NTDB id 624 LCA RS00040 WP 011373726.1        RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQ........NFNSNQSNG....SQ.......QSG.FT   135
NTDB id 113 BSU 40900 NP 391970.1             RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGS.....G........GYNEGNSGG....GQYFGGGQNDNP.FG   137
consensus                                     ***!!****!*!!****!!* ******!***** *   **  ***        **! *** *    ** *****   * *

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1     RPQP..........AQKPAAQAEPPMDNFDDDIPF   180
NTDB id 401499 GKC13 RS01395 WP 002951905.1   ESQPAQST.PNFGRDESPFG.NSNPMDISDDDLPF   172
NTDB id 624 LCA RS00040 WP 011373726.1        SPQQTGNAPAANNTQADPFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1             GNQNNQRRNQGNSFNDDPFANDGKPIDISDDDLPF   172
consensus                                      *!* *     **  ***!******!**!**!!!*!!
```

X non conserved
X similar
X $\geq$ 50% conserved