logo

```
NTDB id 1390 A4U84 RS00055 WP 021115958.1       MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG   80
NTDB id 1161478 ACLMBP RS03585 WP 015880231.1   ..MINRVVLVGRLTRDPEMRYTQSGIAVTRLTLACDRPFAGQDG...KRETDFIDCVVWRKQAENVAQYLKKGSMAGVDG   75
NTDB id 113 BSU 40900 NP 391970.1               ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG...EREADFINCVTWRRQAENVANFLKKGSLAGVDG   75
NTDB id 624 LCA RS00040 WP 011373726.1          ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG...DREADFINCVIWRKSAENFANFTKKGSLVGVDG   75
consensus                                         **!*!**!!*!**!***!***  !*!!**  **!*********  *      **  *****!**!**!!*******!!!*  *!*!
```

logo

```
NTDB id 1390 A4U84 RS00055 WP 021115958.1       KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQG.SGWNQAPAQTNYNQGGYSDNYAQNNNFNGGNATR...   156
NTDB id 1161478 ACLMBP RS03585 WP 015880231.1   RLQISSYEGQDGQRRYRAEVVADSVRFLEPRGASGQREQAPSGDVFGGGE....SSGSGWGAGAAS.......TSSQSSN   144
NTDB id 113 BSU 40900 NP 391970.1               RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGS.....GGYNEGN....SGGGQYFGGGQNDNPFGGNQNNQRRN   146
NTDB id 624 LCA RS00040 WP 011373726.1          RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQ....SNGSQ.......QSGFTSPQQTGNAP   144
consensus                                       *!*******!*!!* ***!* ******!**** **** *  *  *** **    ***  * ******* * * **** *
```

logo

```
NTDB id 1390 A4U84 RS00055 WP 021115958.1       ..PQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1161478 ACLMBP RS03585 WP 015880231.1   SNKGFDADPFSGG.GKIDLSDDDLPF   169
NTDB id 113 BSU 40900 NP 391970.1               QGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 624 LCA RS00040 WP 011373726.1          AANNTQADPFANNGQAIDISDDDLPF   170
consensus                                        *******!***** **!**!!!*!!
```

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