logo

```
NTDB id 1390 A4U84 RS00055 WP 021115958.1  MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEGKLKTR   85
NTDB id 113 BSU 40900 NP 391970.1          ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG.E..READFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 47386 LBHH RS00040 WP 014562762.1  ..MINRVVLVGRLTRDPELRTTGSGISVATFTLAVDRQFTNSQG.E..RGADFISCVIWRKSAENFCNFTSKGSLVGIDGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1     ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG.D..READFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                    **!*!**!!*!**!***! ** !**!*!***!******* ** *  ********!**!* !!***** *!!!*****!***!!
```

logo

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NTDB id 1390 A4U84 RS00055 WP 021115958.1  KWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQ.TNYNQGGYSDNYAQNNNFNGGNATRPQPAQKPAAQAEP   169
NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGS..GSGGYNE..GNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDGK   161
NTDB id 47386 LBHH RS00040 WP 014562762.1  SYDNKDGQRVYVTEVVVDNFALLESRKDRKARGQNGGYTPNTGNAG.APSTN...NFQNNGGSQNNAQNNNQSNNAQDPFAGSGD   161
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQQS...GFTS...PQQTGNAPAANNTQADPFANNGQ   159
consensus                                  ******!!****!!* ******!******* ****** * ****** ******* * *  ************** ***!*!* *
```

logo

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NTDB id 1390 A4U84 RS00055 WP 021115958.1  PMDNFDDDIPF   180
NTDB id 113 BSU 40900 NP 391970.1          PIDISDDDLPF   172
NTDB id 47386 LBHH RS00040 WP 014562762.1  PIDISDDDLPF   172
NTDB id 624 LCA RS00040 WP 011373726.1     AIDISDDDLPF   170
consensus                                  **!**!!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved