```
logo
NTDB id 343622 ET951 RS16070 WP 080551345.1   MTVSMEVIKKVYQYAEPNFSLVGWMGMLGYPAYYFIWEYWFPQTYENLGLRFVAALLFAGLAFRESLPNKWKRYMPYYFL   80
NTDB id 1162 A1552VC RS17020 WP 001882375.1   MIVSMDVIKRVYQYAEPNLSLVGWMGMLGFPAYYFIWEYWFPQSYENLGLRCAAAVLFGGLVFRDSMPKKWQRYMPGYFL   80
consensus                                     !  !!!*!!!*!!!!!!!! !!!!!!!!!!*!!!!!!!!!!!!!*!!!!!!!* !!*!!*!! !!*!*! !! !!!! !!!

logo
NTDB id 343622 ET951 RS16070 WP 080551345.1   LTIGFCLPFFFCFMMLMNNWSTIWAMSFMASIFLHILLVHDTKVMALQAITSILMAYVAVYGFTDFQPNTLIEWPYVPVF   160
NTDB id 1162 A1552VC RS17020 WP 001882375.1   FTIGFCLPFFFAFMMLMNDWSTIWAMSFMASIFLHILLVHDTRVMALQALFSVLVAYLAVYGLTDFHPTTLIEWQYIPIF   160
consensus                                      !!!!!!!!!!*!!!!!! !!!!!!!!!!!!!!
```

```
logo

NTDB id 343622 ET951 RS16070 WP 080551345.1   LQKSRHERRILVVDDNQSIRTFTSILLEQQGYEVVQANDGCEVIAYMDTQTIDLVLMDIEMPKISGLEATHLIRSSDRDY   640
NTDB id 1162 A1552VC RS17020 WP 001882375.1   LQKSRHERRILVVDDNQSIRTFTAILLEQQGYEVVQANDGSEVLKHMESQNIDLVLMDIEMPNVGGLEATRLIRNSEHEY   640
consensus                                     !!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!*!!* *!**! !!!!!!!!!!! * !!!!!*!!! !***!

logo

NTDB id 343622 ET951 RS16070 WP 080551345.1   KNIPIIGYTGDNSPKTLALVQTSGMNDFIVKPADRDVLLNKVAAWV   686
NTDB id 1162 A1552VC RS17020 WP 001882375.1   KNIPIIGYTGDNSPKTLALVQTSGMNDFIVKPADRDVLLNKVAAWV   686
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

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