```
logo
NTDB id 176695 AMD27 RS00990 WP 067655135.1  MTPTVSIPIYQTIYRLGTLYSSYRLIIALSLTLIFLLTIENQTEYYQYPKLYFYALLFYVGCTLVQSLALKYLPHAISKQ   80
NTDB id 1044 HON27 RS16325 WP 206677389.1    MQFPLNSSLSHTIFRLGTWYGLYRLIIAVSLNIILVLTDAQTDNSLQQPALYSYTLLGYSLLSLVQLLCFKFIATQATRQ   80
consensus                                    ! ***  ** *!!*!!!! !  !!!!!!*!! *! *!!  *     ! ! !! ! !! !  **!!! !* !****  **!

logo

NTDB id 176695 AMD27 RS00990 WP 067655135.1  ILALFAVDLIFLSVLTFALGGPNIAIGLLFVISVFAANFLLSKNQALFITLIAVICVVYQQFFGSLFADASLNNIGNSAF  160
NTDB id 1044 HON27 RS16325 WP 206677389.1    LILFFIVDIICLSLLTFSVGEPNLQLSLLYVIAIFTSAILLSARMSLLITLLAVIAVIYQRFVGSLFDYNNLNTIGNSAL  160
consensus                                    **  ! !!*!*!!*!!! *! !!* * !!*!! *!    !!!    ! !!!*!!!*!*!! ! !!!!    !! !!!!!

logo

NTDB id 176695 AMD27 RS00990 WP 067655135.1  LAFLFFVVHAIGQVSIQRFQLLESLNTHQSNELFQLQNINRYILEQIEVGYFVLDEQCKIIVSNPAACSLLGISPLYAHE  240
NTDB id 1044 HON27 RS16325 WP 206677389.1    LAFLFFVVHGIGQIAVQRFKLLEALTFHQSIELYQLQNINRYILEQIEEGYLVLDENYDIVVSNPAACSLLGIPPQFANE  240
consensus                                    !!!!!!!!!*!!!* *!!! !!! !  !!! !!*!!!!!!!!!!!!!! !! !!!!** !*!!!!!!!!!!!!*! *!*!

logo

NTDB id 176695 AMD27 RS00990 WP 067655135.1  QFHLATFQPDLFHILKNTLLADGERFQFESPQSKYHVDVRVQNLIVPHQALTLLILEDAQKINQQVQQLKLAALGQLSAS  320
NTDB id 1044 HON27 RS16325 WP 206677389.1    KYPLVKWHADLFEILKFGDLKEGDRFIFESRLSAYSINIKVQHLLVPQQTLTLLILQDAQQINQQAQQLKLAALGQLSAS  320
consensus                                     * !  ***!!!*!!!   ! *!*!! !!!* ! !** **!!*!*!!*! !!!!!! !!! !!!! !!!!!!!!!!!!!!

logo

NTDB id 176695 AMD27 RS00990 WP 067655135.1  IAHEIRNPLAAIVQANELFEHEQ.DEQKLLSNMIAKQAIRIDRIIKDTLALAKNKNTHTTRIQLQHFLPEMIRHDLNDVK  399
NTDB id 1044 HON27 RS16325 WP 206677389.1    IAHEIRNPLAAIVQANELLKDSDPEQQNTLRHMIGKQTKRIDSIVQDTLGLARSERTHPIQIDVKHFIDTLLEEDLFDVK  400
consensus                                    !!!!!!!!!!!!!!!!!!  *  ** !  ! *!!*!!  !!! !* !!!*!!*   !!*  ! * !!** ** *!! !!!

logo

NTDB id 176695 AMD27 RS00990 WP 067655135.1  NNIRLDVQQ.DLVVHFDESQLSQVLVNLSRNAIRHNAADADTILLHAYRHQQMVHIDVIDYGKGIEKHELSQLFQPFFST  478
NTDB id 1044 HON27 RS16325 WP 206677389.1    HSIQLKISDSSLKFLFDEKQLRQVMINLVRNALRHNAPDSPYITINIHSQTNKIYIDVIDYGEGVSKRDISQLFKPFFST  480
consensus                                    * ! ! *  * !  *!!! !! !!**!! !!!*!!!!*! * ! ** * * * **!!!!!!! !* !***!!!! !!!!!

logo

NTDB id 176695 AMD27 RS00990 WP 067655135.1  EINGTGLGLYLSHSLCQANQAKLSYVEQKQQGACFRIECPHIK   521
NTDB id 1044 HON27 RS16325 WP 206677389.1    EINGTGLGLYLSHSFCEANHAKLTYVEQK.QGACFRIECPIIY   522
consensus                                    !!!!!!!!!!!!!!! ! !!*!!!!*!!!!!*!!!!!!!!!!*!
```

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