```
logo

NTDB id 1039297 ACDJ02 RS02100 WP 372375854.1  MQAQSSTPLSYTIYRLGLWYTLYRLLIVTGLIIIFQLISEQLNADYNQPVLYFYTLIAYCVASLIQFLLFKFYPRQIDRQ   80
NTDB id 1044 HON27 RS16325 WP 206677389.1      MQFPLNSSLSHTIFRLGTWYGLYRLIIAVSLNIILVLTDAQTDNSLQQPALYSYTLLGYSLLSLVQLLCFKFIATQATRQ   80
consensus                                      !! *  **!!*!!*!!! !! !!!!*!   ! !!  !   !     *!! !! !!!**!** !!*! !*!!! * !  !!

logo

NTDB id 1039297 ACDJ02 RS02100 WP 372375854.1  LIIVFVVDVIALGLLTFSLGAPNLNISLLYVITVFSAAILLPRKVSLVITLLAVISLIYQQFFSSFFDYNNLSTIGNSAL  160
NTDB id 1044 HON27 RS16325 WP 206677389.1      LILFFIVDIICLSLLTFSVGEPNLQLSLLYVIAIFTSAILLSARMSLLITLLAVIAVIYQRFVGSLFDYNNLNTIGNSAL  160
consensus                                      !!* !*!!*!*! !!!!!*! !!!**!!!!!! *!* !!!!* **!!*!!!!!!! *!!! !  ! !!!!!! !!!!!!!

logo

NTDB id 1039297 ACDJ02 RS02100 WP 372375854.1  LAFLFFVMYGIGQVAVKHFKILENISFRQSQALYQLQNINRYILEQIDDGYLVLDENYHVVLSNPAACTLLGIPPLFAHE  240
NTDB id 1044 HON27 RS16325 WP 206677389.1      LAFLFFVVHGIGQIAVQRFKLLEALTFHQSIELYQLQNINRYILEQIEEGYLVLDENYDIVVSNPAACSLLGIPPQFANE  240
consensus                                      !!!!!!!**!!!!*!! *!!*!! **!*!!  !!!!!!!!!!!!!!!**!!!!!!!!!**!*!!!!!!*!!!!!! !!*!

logo

NTDB id 1039297 ACDJ02 RS02100 WP 372375854.1  QLPLAKTQPDLFELLRFDPLEDGEQFIFESQLSTYNVHIKVQRLLVPHQALILLRLQDVQQLNQQVQQLKLAALGQLSAS  320
NTDB id 1044 HON27 RS16325 WP 206677389.1      KYPLVKWHADLFEILKFGDLKEGDRFIFESRLSAYSINIKVQHLLVPQQTLTLLILQDAQQINQQAQQLKLAALGQLSAS  320
consensus                                        !! ! **!!!!*!*! *! *!* !!!!! !! ! **!!!!*!*!!*! ! !! !!! !!*!!! !!!!!!!!!!!!!!

logo

NTDB id 1039297 ACDJ02 RS02100 WP 372375854.1  IAHEIRNPLAAIVQANELYIGSKSEQQHLLQKMISKQSKRINDIIEDTLRMARNDTTHPMLIELDSFLSHLLTEDLSDVQ  400
NTDB id 1044 HON27 RS16325 WP 206677389.1      IAHEIRNPLAAIVQANELLKDSDPEQQNTLRHMIGKQTKRIDSIVQDTLGLARSERTHPIQIDVKHFIDTLLEEDLFDVK  400
consensus                                      !!!!!!!!!!!!!!!!!!   ! *!!!* ! *!! !!*!!!  !* !!! *!! * !!!* !** *!* *!! !!! !!

logo

NTDB id 1039297 ACDJ02 RS02100 WP 372375854.1  HQIHLEMTEKV.IVQFDPKQLTQVLINLIRNALRHNDPDVDQIVLSVRMVQAEVFIDVIDFGNGIEKRDISQLFKPFFST  479
NTDB id 1044 HON27 RS16325 WP 206677389.1      HSIQLKISDSSLKFLFDEKQLRQVMINLVRNALRHNAPDSPYITINIHSQTNKIYIDVIDYGEGVSKRDISQLFKPFFST  480
consensus                                      ! !*! ***  *   !!*!!! !!*!!!*!!!!!!! !! * ! * **     **!!!!!*! !* !!!!!!!!!!!!!!

logo

NTDB id 1039297 ACDJ02 RS02100 WP 372375854.1  EIKGTGLGLYLSHSLCEANHAKLSYVEQQKGACFRIQCSTKDK   522
NTDB id 1044 HON27 RS16325 WP 206677389.1      EINGTGLGLYLSHSFCEANHAKLTYVEQKQGACFRIECPIIY.   522
consensus                                      !! !!!!!!!!!!! !!!!!!!!*!!!!  !!!!!! !*   *
```

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